

低功率射頻電機技術規範測試報告

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申請者	研華股份有限公司
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型號	EIS-D210W
製造廠商	研華股份有限公司 / 台灣
商標或廠牌	Advantech
該產品樣品試驗 依據之試驗標準	國家通訊傳播委員會低功率射頻電機技術規範 107 年 1 月修訂
試驗結果	合格

香港商立德國際商品試驗有限公司桃園分公司 林口實驗室
日期 107 年 07 月 16 日

報告簽署人簽章:

陳志偉



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報告發行紀錄

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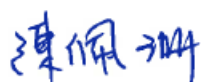
產 品 名 稱：Computer
商 標：Advantech
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申 請 者：研華股份有限公司
量 測 規 範：低功率射頻電機技術規範 LP0002
ANSI C63.10-2013

香港商立德國際商品試驗有限公司桃園分公司在此證明上述待測設備樣品一組(型號:EIS-D210W)，收件日期 107 年 05 月 22 日，於 107 年 06 月 06 日至 107 年 06 月 27 日，已在本公司的標準測試場地完成量測。報告中所描述之測試結果和待測設備的架構組合，均根據樣品實際的量測情況作詳實的記錄。

立德桃園分公司依“低功率射頻電機技術規範”、“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：



陳佩珊/高級專員

， 日 期：

107 年 07 月 16 日

審 核 者：



陳志偉/專案工程師

， 日 期：

107 年 07 月 16 日

香港商立德國際商品試驗有限公司桃園分公司

實驗室地址：新北市林口區嘉寶里 14 鄰 47-2 號

此份報告不得摘錄複製，除全份
複製外，需經實驗室書面同意。



1 低功率射頻電機量測記錄表

申請廠商：研華股份有限公司

製造廠商：研華股份有限公司 / 台灣

申請廠商地址：114 台北市內湖區瑞光路 26 巷 20 弄 1 號

廠牌：Advantech

產品名稱：Computer

型號：EIS-D210W

量測單位名稱：香港商立德國際商品試驗有限公司桃園分公司

林口實驗室華亞檢測部

量測單位地址：桃園市龜山區文化里華亞二路 19 號

量測單位認可編號：TAF 2021 (9kHz~40GHz)

量測規範：低功率射頻電機技術規範 LP0002

ANSI C63.10-2013

KDB 558074

KDB 789033

KDB 662911

WLAN 2.4GHz 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 3.10.1.5 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	輸出峰值功率	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	合格

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	合格

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

2 一般敘述

2.1 待測設備

產品名稱：	Computer
型號：	EIS-D210W
額定電源：	12Vdc (Adapter)
調變技術：	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
傳輸速率：	802.11b: 11.0/ 5.5/ 2.0/ 1.0Mbps 802.11g: 54.0/ 48.0/ 36.0/ 24.0/ 18.0/ 12.0/ 9.0/ 6.0Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.7Mbps
載波頻率：	2.4GHz: 2412 ~ 2472MHz 5GHz: 5180 ~ 5240MHz, 5260 ~ 5320MHz, 5500 ~ 5720MHz, 5745 ~ 5825MHz
頻道數：	2412 ~ 2472MHz: 802.11b, 802.11g, 802.11n (HT20): 13 802.11n (HT40): 9 5180 ~ 5240MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 4 802.11n (HT40), 802.11ac (VHT40): 2 802.11ac (VHT80): 1 5260 ~ 5320MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 4 802.11n (HT40), 802.11ac (VHT40): 2 802.11ac (VHT80): 1 5500 ~ 5720MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 12 802.11n (HT40), 802.11ac (VHT40): 6 802.11ac (VHT80): 3 5745 ~ 5825MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 5 802.11n (HT40), 802.11ac (VHT40): 2 802.11ac (VHT80): 1
發射功率：	2412~2472MHz: 26.61dBm 5180~5240MHz: 15.82dBm 5260~5320MHz: 20.09dBm 5500~5720MHz: 19.76dBm 5745~5825MHz: 20.22dBm
天線種類：	見註 1
電源線類別：	NA
信號線類別：	NA
配件：	電源供應器

註 1: 此待測設備搭配測試的天線，其資料如下：

Brand	Model	Antenna Type	Connector Type	Frequency Range	Antenna Gain(dBi)
Cortec Technology Inc.	AN2450-5511BRS	Dipole	SMA Male Reverse	2.4~2.5GHz	2.89
				5.15~5.85GHz	3.58

*WLAN與Bluetooth共同使用上述天線。

註 2: 此待測設備搭配使用之電源供應器如下：

Adapter	
Brand	FSP GROUP INC.
Model	FSP060-DIBAN2
Input Power	100-240V~, 1.5A, 50-60Hz
Output Power	12.0V/ 5.0A MAX
Power cable	1.4m non-shielded cable with one core

註 3: 此待測設備搭配使用之Module如下：

Model	Chipset	Type
QCNFA364A	QCA6174A	IEEE 802.11ac/a/b/g/n 2X2 MIMO WLAN & Bluetooth M.2 module

註 4: 此待測物之技術的種類為2Tx /2Rx之組合。

2.4GHz Band	
Modulation Mode	TX Function
802.11b	2TX
802.11g	2TX
802.11n (HT20)	2TX
802.11n (HT40)	2TX
5GHz Band	
Modulation Mode	TX Function
802.11a	2TX
802.11n (HT20)	2TX
802.11n (HT40)	2TX
802.11ac (VHT20)	2TX
802.11ac (VHT40)	2TX
802.11ac (VHT80)	2TX

*The modulation and bandwidth are similar for 802.11n mode for HT20/HT40 and 802.11ac mode for VHT20/VHT40, therefore investigated worst case to representative mode in test report. (最終測試模式請見註 5)

註 5: 此報告中，經過評估後以下列測試模式進行最終量測。

載波頻率	量測項目	發射	接收
2412 ~ 2472MHz			
場強輻射量測	1GHz 以上量測	802.11b : Ch 1, 6, 11, 12, 13 802.11g: Ch 1, 6, 11, 12, 13 802.11n (HT20): Ch 1, 6, 11, 12, 13 802.11n (HT40): Ch 3, 6, 9, 10, 11	802.11n (HT20) : Ch 6
	其它不必要之訊號	802.11n (HT20) : Ch 6	
電源線傳導干擾		802.11n (HT20) : Ch 6	
5180 ~ 5240MHz, 5260 ~ 5320MHz, 5500 ~ 5720MHz & 5745 ~ 5825MHz			
場強輻射量測	1GHz 以上量測	802.11a: Ch 36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165 802.11n (HT20): Ch 36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165 802.11n (HT40): Ch 38, 46, 54, 62, 102, 110, 134, 142, 151, 159 802.11ac (VHT80): Ch 42, 58, 106, 122, 138, 155	802.11a: Ch 60
	其它不必要之訊號	802.11a: Ch 60	
電源線傳導干擾		802.11a: Ch 60	
Co-located			
場強輻射量測	1GHz 以上量測	802.11n (HT20) Ch 52 + BT LE Ch 0 802.11n (HT20) Ch 52 + BT EDR Ch 39	
	其它不必要之訊號	802.11n (HT20) Ch 52 + BT LE Ch 0 802.11n (HT20) Ch 52 + BT EDR Ch 39	
電源線傳導干擾		802.11n (HT20) Ch 52 + BT LE Ch 0 802.11n (HT20) Ch 52 + BT EDR Ch 39	

註 6: 此報告中傳輸模式，場強輻射量測及電源線傳導干擾量測之外的測試項目，以DSSS調變技術和OFDM調變技術分別進行測試並記錄最終量測結果於報告中。

註 7: 此待測設備，經評估三個正交軸方位評估測試擺設方式：平躺、側放、垂直，其中以平躺擁有最大干擾值，故以該位置進行最終量測，並將測試結果紀錄。

註 7: Duty cycle of test signal.

Duty cycle of test signal is > 98 %, duty factor is not required.

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

2.4GHz频段

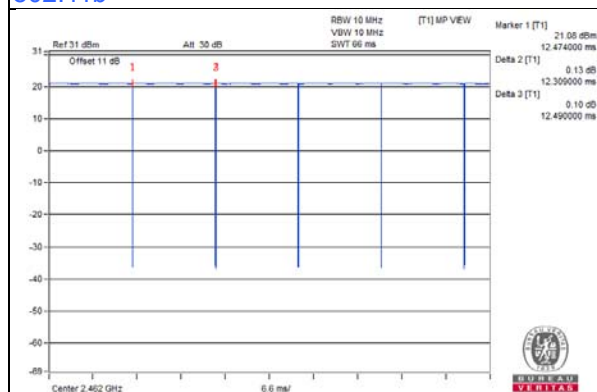
802.11b: Duty cycle = $12.309/12.49 = 0.986$

802.11g: Duty cycle = $2.047/2.149 = 0.953$, Duty factor = $10 * \log(1/0.953) = 0.21$

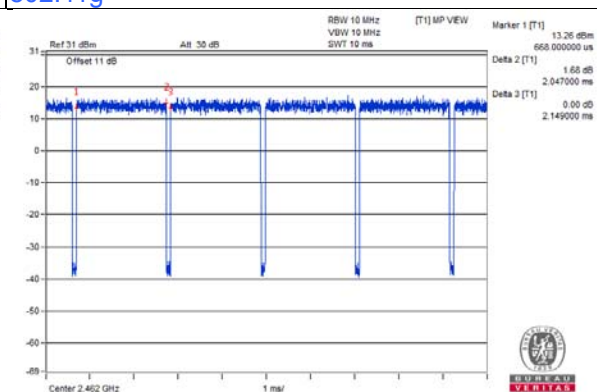
802.11n (HT20): Duty cycle = $1.91/2.015 = 0.948$, Duty factor = $10 * \log(1/0.948) = 0.23$

802.11n (HT40): Duty cycle = $0.935/1.045 = 0.895$, Duty factor = $10 * \log(1/0.895) = 0.48$

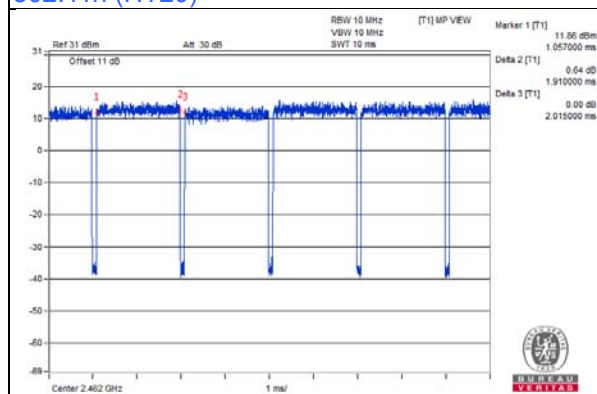
802.11b



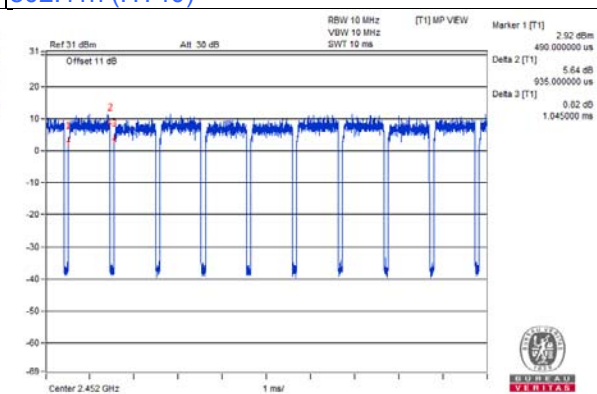
802.11g



802.11n (HT20)



802.11n (HT40)



5GHz频段

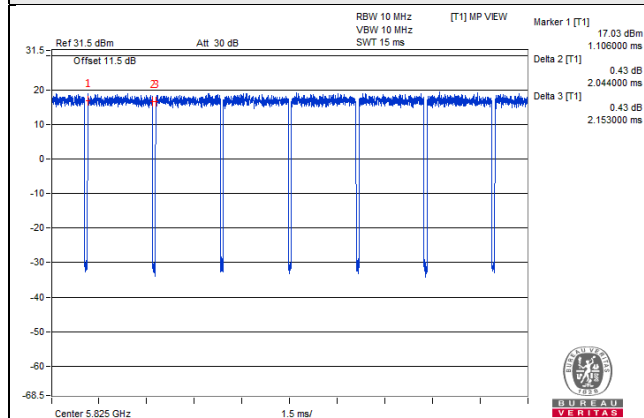
802.11a: Duty cycle = $2.044/2.153 = 0.949$, Duty factor = $10 * \log(1/0.949) = 0.23$

802.11n (HT20): Duty cycle = $1.898/2.006 = 0.946$, Duty factor = $10 * \log(1/0.946) = 0.24$

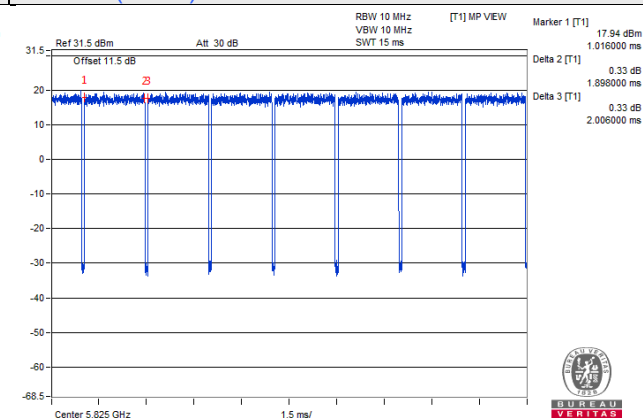
802.11n (HT40): Duty cycle = $0.941/1.083 = 0.869$, Duty factor = $10 * \log(1/0.869) = 0.61$

802.11ac (VHT80): Duty cycle = $0.459/0.553 = 0.83$, Duty factor = $10 * \log(1/0.83) = 0.81$

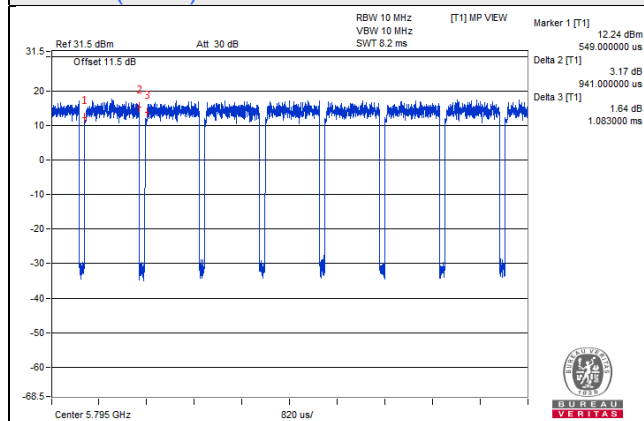
802.11a



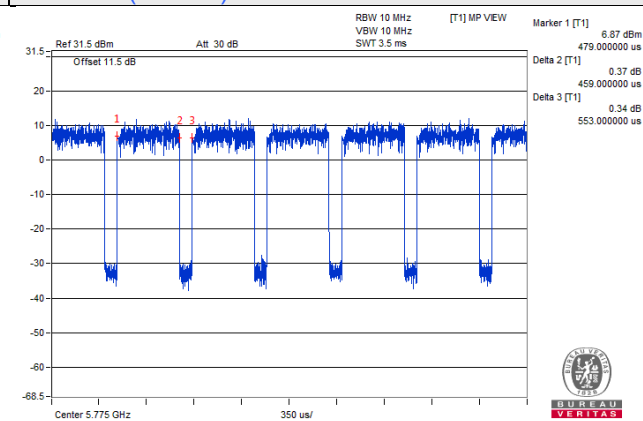
802.11n (HT20)



802.11n (HT40)



802.11ac (VHT80)



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):

頻道	對應頻率 (MHz)	頻道	對應頻率 (MHz)
01	2412	08	2447
02	2417	09	2452
03	2422	10	2457
04	2427	11	2462
05	2432	12	2467
06	2437	13	2472
07	2442		

802.11n (HT40):

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

5GHz 频段:

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

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

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

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

802.11ac (VHT80):

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

詳細之規格請參考使用說明書，產品的照片請參照 BV 報告編號:180522C01。

2.2 輔助測試之週邊設備描述

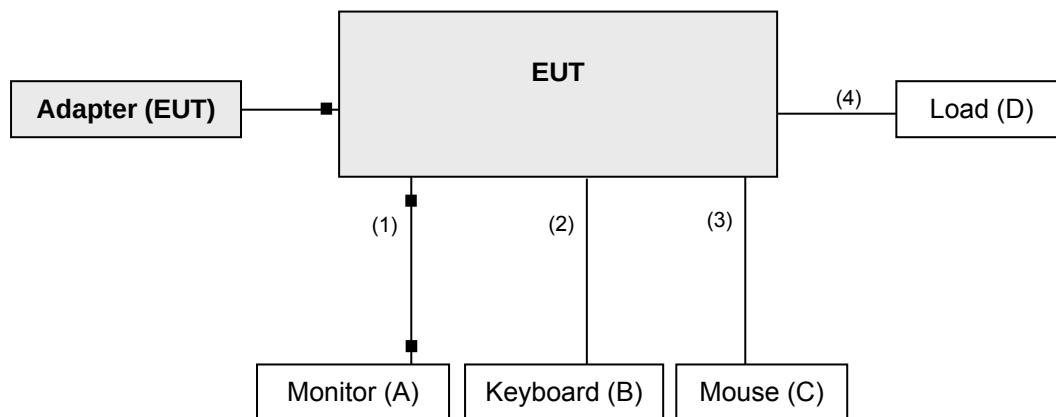
待測設備於受測時均接上其所屬的配件或一般用途之相關設備；下列輔助設備或配件測試中所使用的配備，以形成一個代表待測物實際運作的受測系統。

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Monitor	DELL	2001FP	CN-0C0647-466 33-544-06AL	FCC DoC Approved	-
B.	Keyboard	DELL	RT7D50	CN-0J4624-3717 2-44T-000M	FCC DoC Approved	-
C.	Mouse	DELL	MO56U0	516056250	FCC DoC Approved	-
D.	Load	NA	NA	NA	NA	-

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

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	VGA cable	1	1	Y	2	-
2.	USB cable	1	1	Y	0	-
3.	USB cable	1	1	Y	0	-
4.	RJ45 cable	2	1.5	N	0	-

2.3 測試架構圖



3 適用規範

3.1 規範要求

(1) 傳導之規定

依據國家通訊傳播委員會低功率射頻電機技術規範之 2.3 節，電源傳導干擾之限制要求如下：

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

(註)：隨頻率之對數遞減。

(2) 帶外發射之規定

(I) 操作於 2.4000~2.4835 GHz band:

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.5節之要求，操作頻帶範圍外之任意100 kHz 內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之100 kHz 內的射頻功率，其衰減值限制如下：(1) 輸出功率以附件二之峰值輸出功率方式測量者，至少須衰減20 dB，可使用射頻傳導或輻射方式測量。(2) 輸出功率以3.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少須衰減30 dB。

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

依據國家通訊傳播委員會低功率射頻電機技術規範4.7.4.1節之要求，帶外發射之有效等向輻射功率(EIRP) $\leq$ -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) $\leq$ 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) $\leq$ 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) $\leq$ 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 $\geq$ 75 MHz 的頻率之發射，有效等向輻射功率(EIRP) $\leq$ -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。

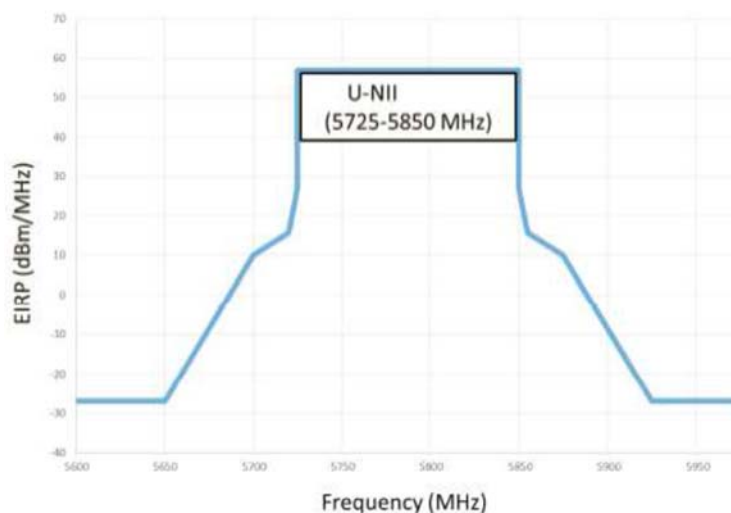


圖 1

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

(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使用者手動選取。

(2) 操作模式：動態頻率選擇之規定適用於以下之操作模式：

(A) 頻道可用性檢查時間之規定，適用於主控運作模式。

(B) 頻道移動時間之規定，適用於主控及受控運作模式。

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

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

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

(9) 無線資訊傳輸設備必須擁有安全功能之要求：

依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.7.3 節之規定，無線資訊傳輸設備必須擁有安全功能，以保護未經授權之一方更改軟體。製造商應提出符合本節規定之相關證明文件或符合性聲明。

(10) 依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.7.4 節之規定，製造商必須在操作於 U-NII 頻段上之數位調變系統中提供安全功能，使第三方團體無法重寫程式，使其操作於非經認證之設定。該軟體必須避免發射機操作於非經認證之頻率、輸出功率、調變形式或其他射頻參數。製造商可使用私有網路，只有經授權的用戶能下載軟體、進行軟體式電子簽章或硬體式的韌體更新，新的軟體可以被合法的載入到設備中，同時又能符合上述事項，並於應用程式中描述設備授權的方法。

(11) 依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.7.5 節之規定，製造商必須確保 DFS 功能無法被無線資訊傳輸設備之操作者取消。

(12)電波暴露量之評估

依據國家通訊傳播委員會低功率射頻電機技術規範 5.20.2 節之規定，若受測物於正常操作模式下，其發射機距離人體 20 公分以上者，可測試最大暴露允許值(Maximum Permissible Exposure, MPE)以證明其符合電波暴露量之要求。

限制值如下：

(1) 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

(2) 一般人/不可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3 - 3.0	614	1.63	*100	30
3 - 30	1842/f	4.89/f	*180/f ²	30
30 - 300	27.5	0.073	1.0	30
300 - 1,500	---	---	f/1500	30
1,500 - 100,000	---	---	1.0	30

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

3.2 限制使用之頻帶

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

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

2.4GHz 頻段測試紀錄結果

4 帶外發射之量測

4.1 適用標準

請見本報告3.1節第2項(I)的規定。

4.2 量測方法

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

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

4.3 量測儀器

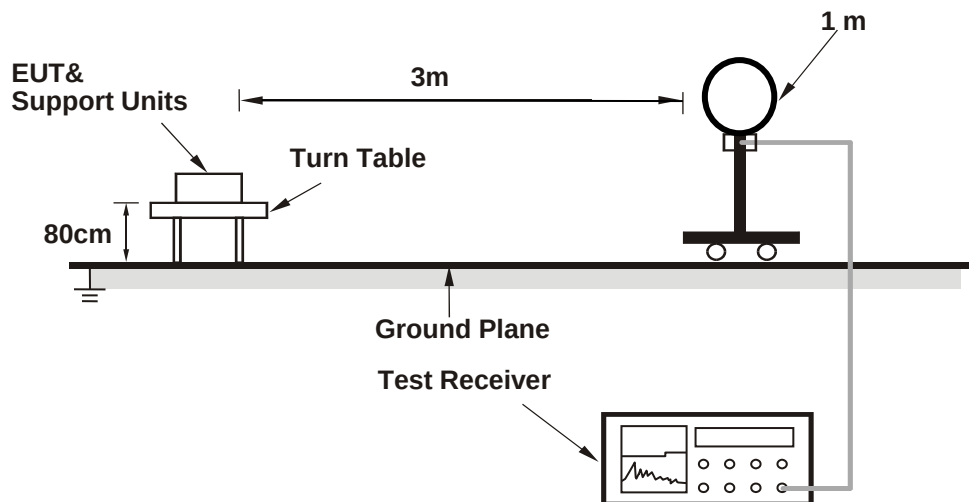
Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESIB7	100187	May 29, 2018	May 28, 2019
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100041	Dec. 12, 2017	Dec. 11, 2018
BILOG Antenna SCHWARZBECK	VULB9168	9168-171	Dec. 11, 2017	Dec. 10, 2018
HORN Antenna SCHWARZBECK	9120D	209	Dec. 13, 2017	Dec. 12, 2018
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Dec. 01, 2017	Nov. 30, 2018
Loop Antenna EMCI	EM-6879	269	Aug. 11, 2017	Aug. 10, 2018
Preamplifier Agilent (Below 1GHz)	8447D	2944A10738	Aug. 21, 2017	Aug. 20, 2018
Preamplifier Agilent (Above 1GHz)	8449B	3008A02465	Apr. 03, 2018	Apr. 02, 2019
RF signal cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH3-03 (223653/4)	Aug. 21, 2017	Aug. 20, 2018
RF signal cable HUBER+SUHNER& EMCI	SUCOFLEX 104&EMC104-SM-S M-8000	Cable-CH3-03 (309224+170907)	Sep.11, 2017	Sep. 10, 2018
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	013303	NA	NA
Antenna Tower Controller BV ADT	AT100	AT93021702	NA	NA
Turn Table BV ADT	TT100	TT93021702	NA	NA
Turn Table Controller BV ADT	SC100	SC93021702	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA

- Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Chamber 3.
3. The horn antenna and preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
4. The FCC Designation Number is TW0003. The number will be varied with the Lab location and scope as attached.
5. The IC Site Registration No. is IC 7450F-3.
6. The following table is for the measurement uncertainty, which is calculated as per the document CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

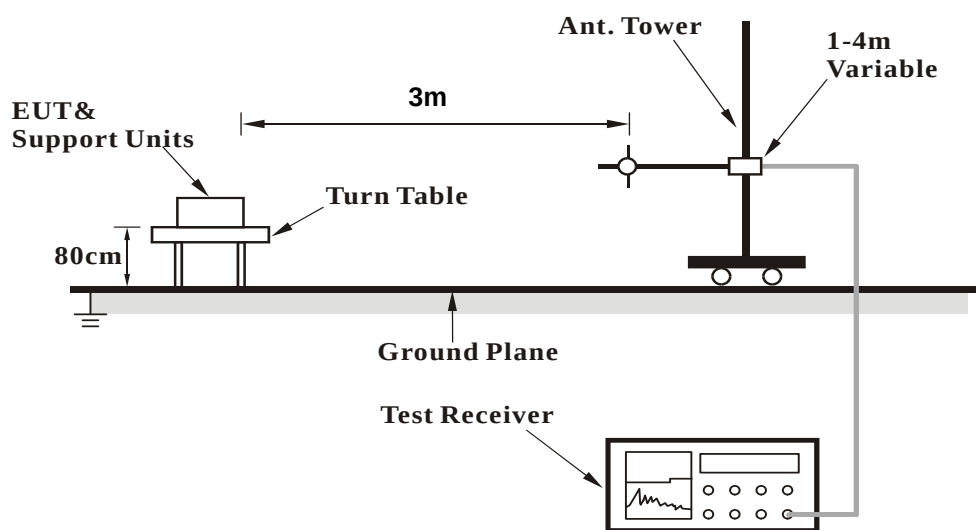
Measurement	Frequency	Uncertainty
Radiated emissions	30MHz ~ 200MHz	3.86 dB
	200MHz ~1000MHz	3.87 dB
	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

4.4 測試配置

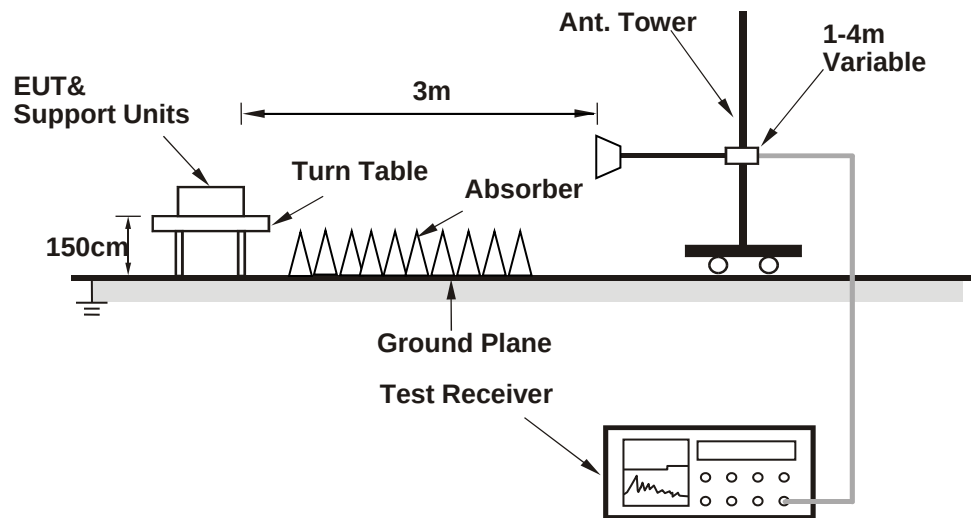
<Frequency Range below 30MHz>



<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



4.5 場強度之計算

場強之計算公式如下：

結果值Emission level (dBuV/m)=機器讀值 Raw Value (dBuV) +校正因子Correction Factor (dB/m)

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

量測結果請見下頁。

4.6 量測結果

4.6.1 發射諧波

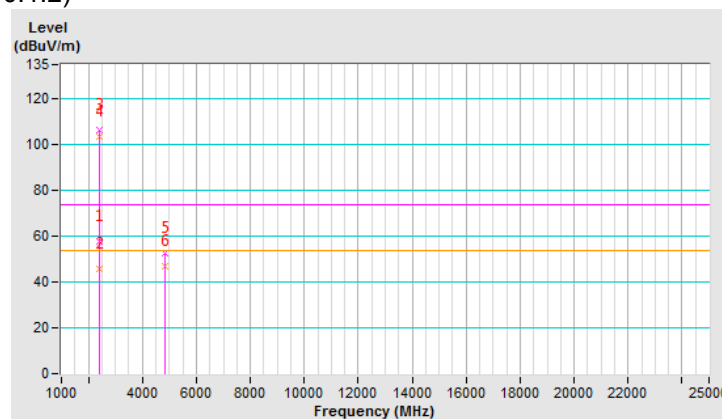
802.11b

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：	70%RH
測試日期：	107 年 06 月 06 日	測試者：	李哲銘

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	58.0 PK	74.0	-16.0	2.18 H	239	24.5	33.5
2	2390.00	46.0 AV	54.0	-8.0	2.18 H	239	12.5	33.5
3	*2412.00	106.3 PK			2.06 H	222	72.9	33.4
4	*2412.00	103.3 AV			2.06 H	222	69.9	33.4
5	4824.00	52.6 PK	74.0	-21.4	2.08 H	319	48.6	4.0
6	4824.00	47.1 AV	54.0	-6.9	2.08 H	319	43.1	4.0
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

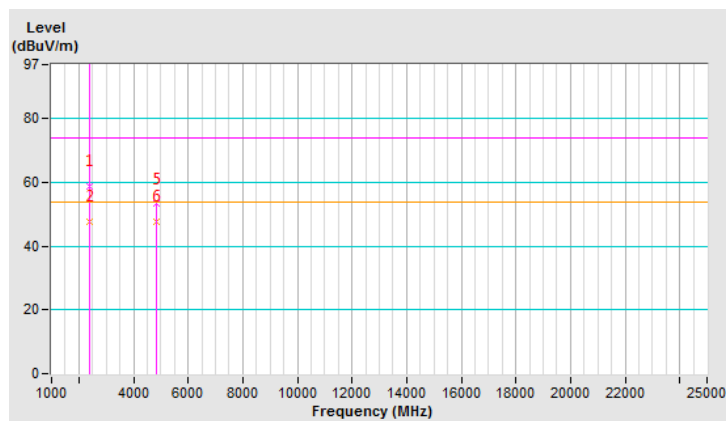


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 06 日	測試者：	李哲銘

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	58.6 PK	74.0	-15.4	1.16 V	200	25.1	33.5
2	2390.00	47.5 AV	54.0	-6.5	1.16 V	200	14.0	33.5
3	*2412.00	112.3 PK			1.05 V	216	78.9	33.4
4	*2412.00	108.6 AV			1.05 V	216	75.2	33.4
5	4824.00	53.2 PK	74.0	-20.8	1.00 V	64	49.2	4.0
6	4824.00	47.6 AV	54.0	-6.4	1.00 V	64	43.6	4.0
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

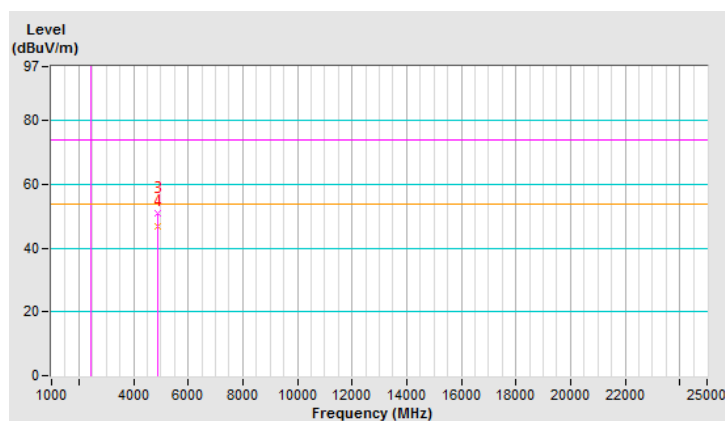


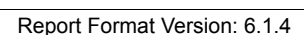
操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	68%RH
測試日期：	107 年 06 月 07 日	測試者：	李哲銘

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	108.0 PK			2.27 H	221	74.6	33.4
2	*2437.00	105.9 AV			2.27 H	221	72.5	33.4
3	4874.00	51.1 PK	74.0	-22.9	2.39 H	287	47.4	3.7
4	4874.00	46.9 AV	54.0	-7.1	2.39 H	287	43.2	3.7
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)



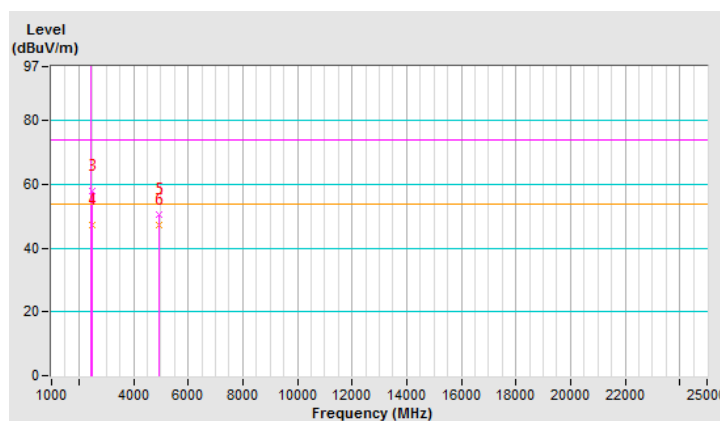


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 07 日	測試者：	李哲銘

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	106.8 PK			2.19 H	221	73.5	33.3
2	*2462.00	104.5 AV			2.19 H	221	71.2	33.3
3	2483.50	58.1 PK	74.0	-15.9	1.98 H	233	24.9	33.2
4	2483.50	47.3 AV	54.0	-6.7	1.98 H	233	14.1	33.2
5	4924.00	50.5 PK	74.0	-23.5	2.11 H	305	47.0	3.5
6	4924.00	47.1 AV	54.0	-6.9	2.11 H	305	43.6	3.5
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

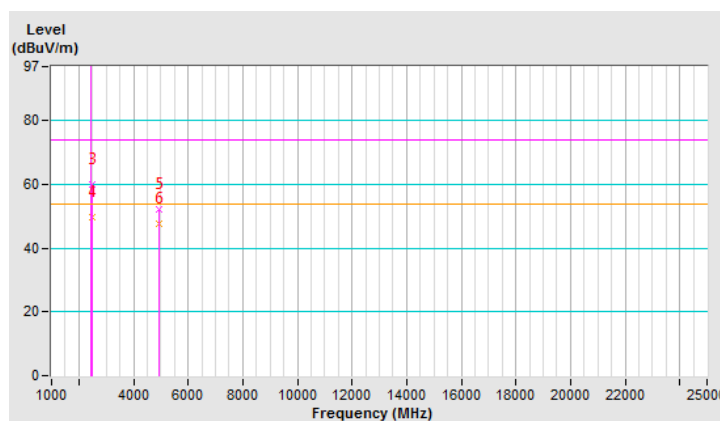


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 11 : 2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 07 日	測試者：	李哲銘

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	112.7 PK			1.00 V	217	79.4	33.3
2	*2462.00	108.8 AV			1.00 V	217	75.5	33.3
3	2483.50	59.9 PK	74.0	-14.1	1.13 V	227	26.7	33.2
4	2483.50	49.9 AV	54.0	-4.1	1.13 V	227	16.7	33.2
5	4924.00	52.1 PK	74.0	-21.9	1.31 V	90	48.6	3.5
6	4924.00	47.6 AV	54.0	-6.4	1.31 V	90	44.1	3.5
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

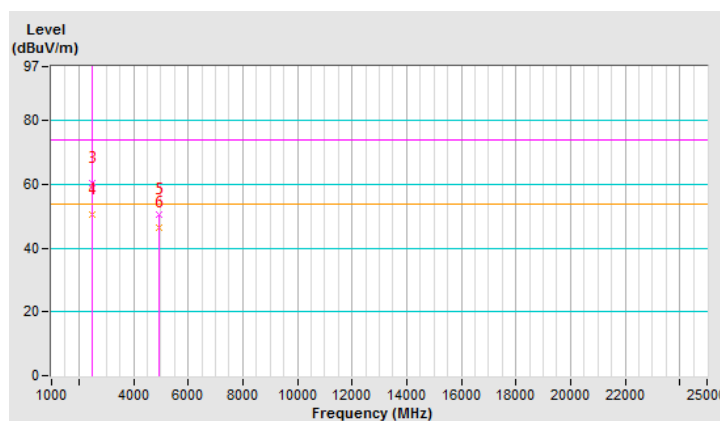


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 12 : 2467 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 07 日	測試者：	李哲銘

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	105.7 PK			2.29 H	217	72.4	33.3
2	*2467.00	101.7 AV			2.29 H	217	68.4	33.3
3	2483.50	60.4 PK	74.0	-13.6	2.04 H	213	27.2	33.2
4	2483.50	50.4 AV	54.0	-3.6	2.04 H	213	17.2	33.2
5	4934.00	50.5 PK	74.0	-23.5	2.02 H	330	46.9	3.6
6	4934.00	46.4 AV	54.0	-7.6	2.02 H	330	42.8	3.6
	7401.00	-	-	-	-	-	-	-
	9868.00	-	-	-	-	-	-	-
	12335.00	-	-	-	-	-	-	-
	14802.00	-	-	-	-	-	-	-
	17269.00	-	-	-	-	-	-	-
	19736.00	-	-	-	-	-	-	-
	22203.00	-	-	-	-	-	-	-
	24670.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

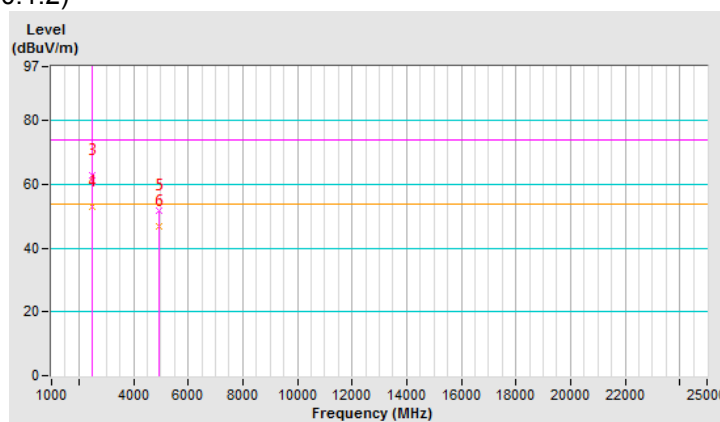


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 12 : 2467 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 07 日	測試者：	李哲銘

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	110.8 PK			1.00 V	214	77.5	33.3
2	*2467.00	107.0 AV			1.00 V	214	73.7	33.3
3	2483.50	62.9 PK	74.0	-11.1	1.03 V	204	29.7	33.2
4	2483.50	53.0 AV	54.0	-1.0	1.03 V	204	19.8	33.2
5	4934.00	51.6 PK	74.0	-22.4	1.06 V	86	48.0	3.6
6	4934.00	46.8 AV	54.0	-7.2	1.06 V	86	43.2	3.6
	7401.00	-	-	-	-	-	-	-
	9868.00	-	-	-	-	-	-	-
	12335.00	-	-	-	-	-	-	-
	14802.00	-	-	-	-	-	-	-
	17269.00	-	-	-	-	-	-	-
	19736.00	-	-	-	-	-	-	-
	22203.00	-	-	-	-	-	-	-
	24670.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

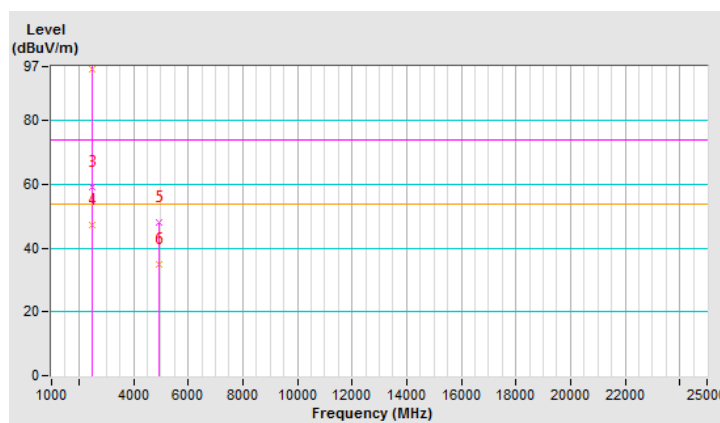


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 13：2472 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 07 日	測試者：	李哲銘

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	99.3 PK			2.26 H	222	66.1	33.2
2	*2472.00	96.1 AV			2.26 H	222	62.9	33.2
3	2483.50	59.2 PK	74.0	-14.8	2.49 H	235	26.0	33.2
4	2483.50	47.3 AV	54.0	-6.7	2.49 H	235	14.1	33.2
5	4944.00	48.2 PK	74.0	-25.8	1.92 H	299	44.6	3.6
6	4944.00	35.1 AV	54.0	-18.9	1.92 H	299	31.5	3.6
	7416.00	-	-	-	-	-	-	-
	9888.00	-	-	-	-	-	-	-
	12360.00	-	-	-	-	-	-	-
	14832.00	-	-	-	-	-	-	-
	17304.00	-	-	-	-	-	-	-
	19776.00	-	-	-	-	-	-	-
	22248.00	-	-	-	-	-	-	-
	24720.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

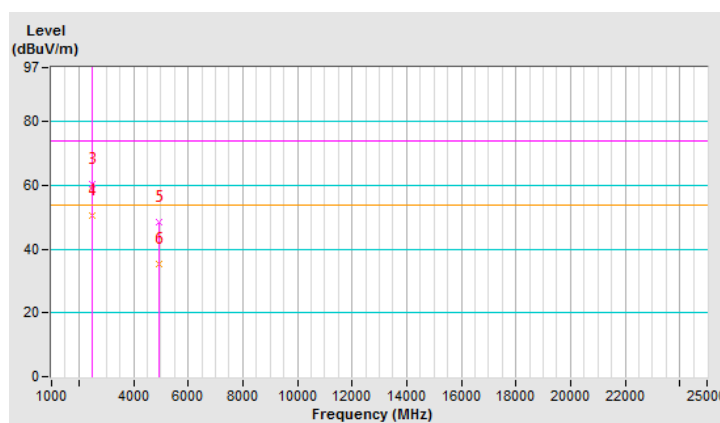


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 13 : 2472 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 07 日	測試者：	李哲銘

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	104.7 PK			1.00 V	216	71.5	33.2
2	*2472.00	100.8 AV			1.00 V	216	67.6	33.2
3	2483.50	60.6 PK	74.0	-13.4	1.25 V	239	27.4	33.2
4	2483.50	50.5 AV	54.0	-3.5	1.25 V	239	17.3	33.2
5	4944.00	48.5 PK	74.0	-25.5	1.16 V	66	44.9	3.6
6	4944.00	35.2 AV	54.0	-18.8	1.16 V	66	31.6	3.6
	7416.00	-	-	-	-	-	-	-
	9888.00	-	-	-	-	-	-	-
	12360.00	-	-	-	-	-	-	-
	14832.00	-	-	-	-	-	-	-
	17304.00	-	-	-	-	-	-	-
	19776.00	-	-	-	-	-	-	-
	22248.00	-	-	-	-	-	-	-
	24720.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)



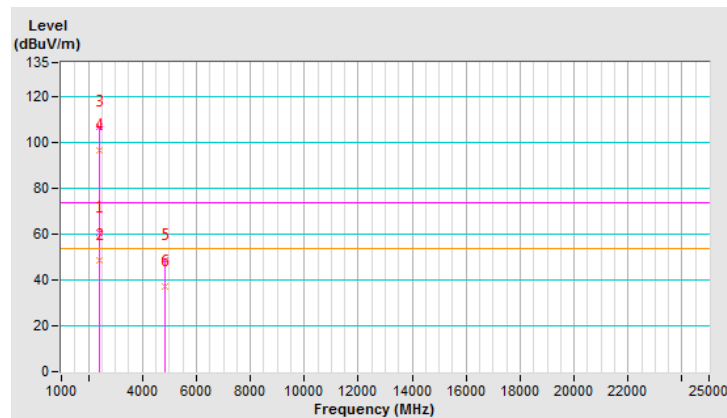
802.11g

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.5 PK	74.0	-13.5	3.34 H	209	27.0	33.5
2	2390.00	48.9 AV	54.0	-5.1	3.34 H	209	15.4	33.5
3	*2412.00	106.7 PK			3.25 H	219	73.3	33.4
4	*2412.00	96.6 AV			3.25 H	219	63.2	33.4
5	4824.00	48.7 PK	74.0	-25.3	3.69 H	229	44.7	4.0
6	4824.00	36.9 AV	54.0	-17.1	3.69 H	229	32.9	4.0
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

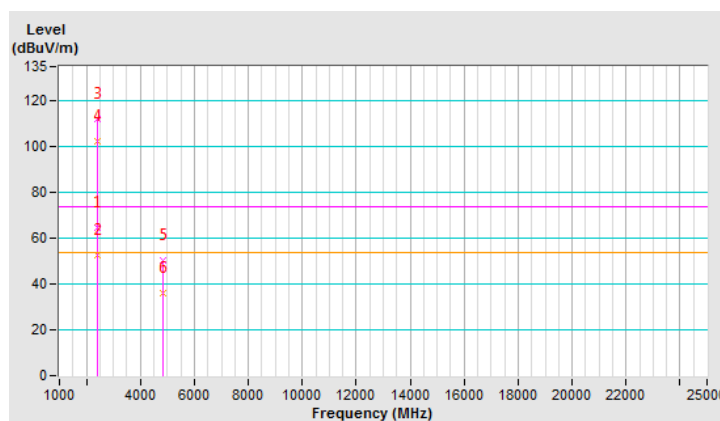


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.8 PK	74.0	-9.2	1.09 V	127	31.3	33.5
2	2390.00	52.9 AV	54.0	-1.1	1.09 V	127	19.4	33.5
3	*2412.00	112.4 PK			1.22 V	147	79.0	33.4
4	*2412.00	102.6 AV			1.22 V	147	69.2	33.4
5	4824.00	50.5 PK	74.0	-23.5	2.25 V	123	46.5	4.0
6	4824.00	36.3 AV	54.0	-17.7	2.25 V	123	32.3	4.0
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

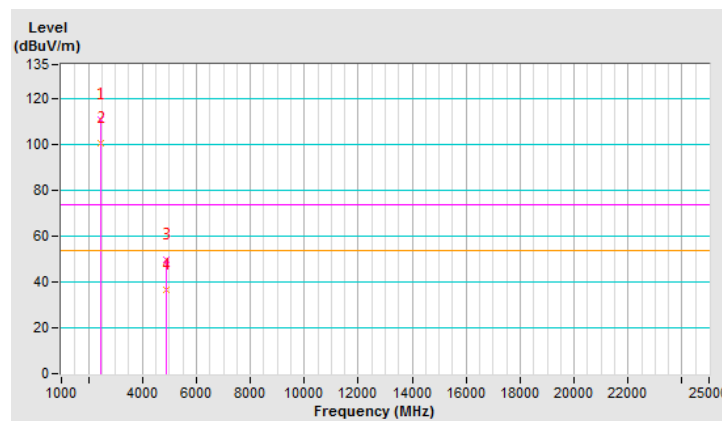


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	110.9 PK			3.21 H	207	77.5	33.4
2	*2437.00	100.6 AV			3.21 H	207	67.2	33.4
3	4874.00	50.0 PK	74.0	-24.0	3.99 H	272	46.3	3.7
4	4874.00	36.7 AV	54.0	-17.3	3.99 H	272	33.0	3.7
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * " : Fundamental frequency (主頻).
6. " # " : The radiated frequency is out of the restricted band.
7. " - " : The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

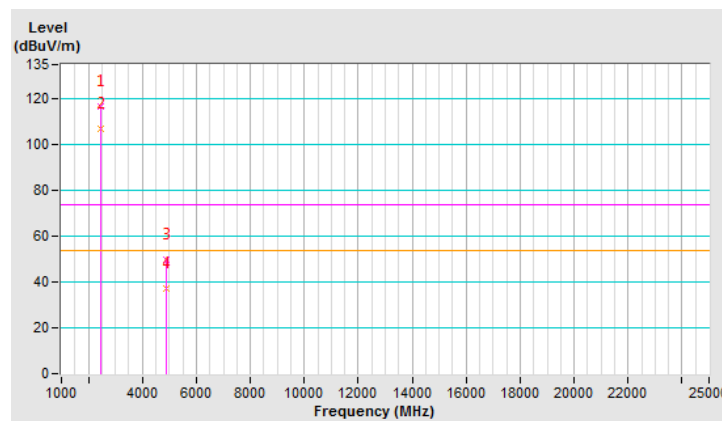


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	116.7 PK			2.20 V	342	83.3	33.4
2	*2437.00	106.7 AV			2.20 V	342	73.3	33.4
3	4874.00	50.0 PK	74.0	-24.0	2.57 V	256	46.3	3.7
4	4874.00	37.0 AV	54.0	-17.0	2.57 V	256	33.3	3.7
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * " : Fundamental frequency (主頻).
6. " # " : The radiated frequency is out of the restricted band.
7. " - " : The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

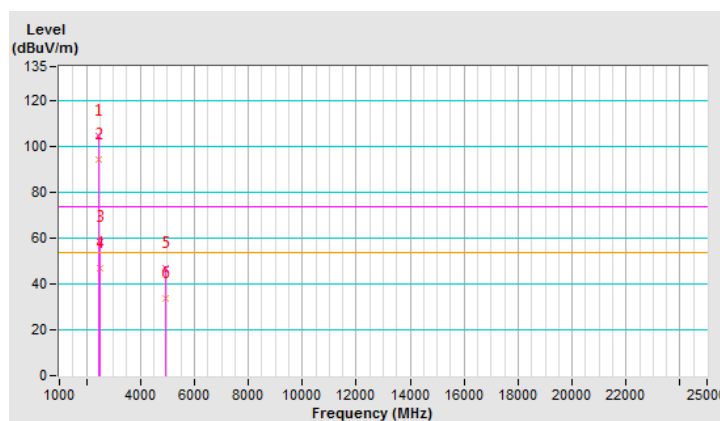


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	104.4 PK			3.63 H	136	71.1	33.3
2	*2462.00	94.6 AV			3.63 H	136	61.3	33.3
3	2483.50	58.3 PK	74.0	-15.7	3.93 H	148	25.1	33.2
4	2483.50	46.8 AV	54.0	-7.2	3.93 H	148	13.6	33.2
5	4924.00	46.7 PK	74.0	-27.3	3.63 H	249	43.2	3.5
6	4924.00	33.7 AV	54.0	-20.3	3.63 H	249	30.2	3.5
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

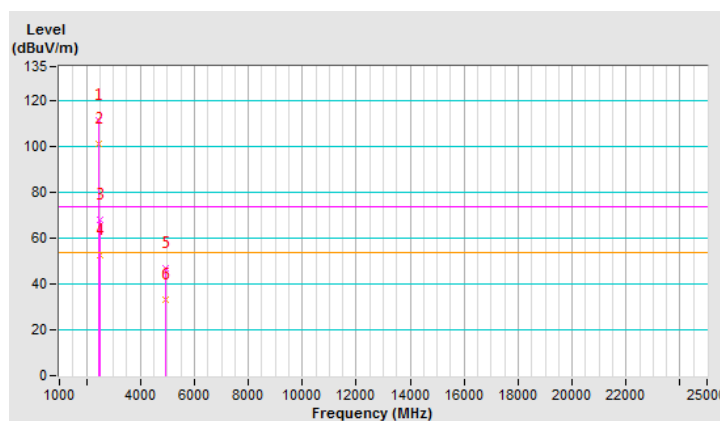


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	111.4 PK			1.77 V	6	78.1	33.3
2	*2462.00	101.3 AV			1.77 V	6	68.0	33.3
3	2483.50	68.1 PK	74.0	-5.9	1.75 V	13	34.9	33.2
4	2483.50	52.9 AV	54.0	-1.1	1.75 V	13	19.7	33.2
5	4924.00	46.7 PK	74.0	-27.3	2.13 V	200	43.2	3.5
6	4924.00	33.0 AV	54.0	-21.0	2.13 V	200	29.5	3.5
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

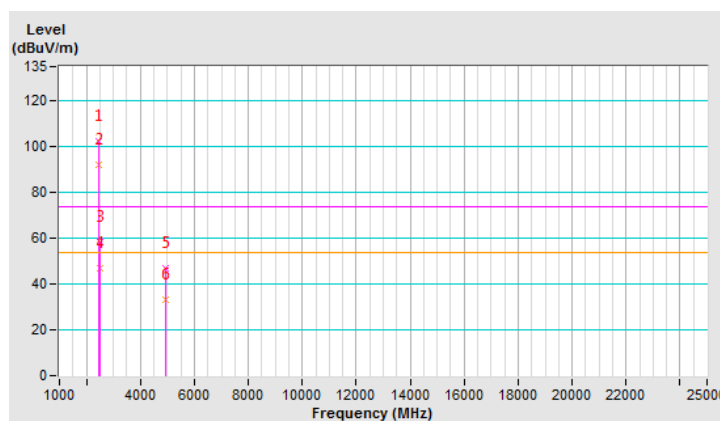


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 12：2467 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	102.2 PK			3.92 H	142	68.9	33.3
2	*2467.00	92.3 AV			3.92 H	142	59.0	33.3
3	2483.50	58.5 PK	74.0	-15.5	3.77 H	155	25.3	33.2
4	2483.50	46.9 AV	54.0	-7.1	3.77 H	155	13.7	33.2
5	4934.00	46.7 PK	74.0	-27.3	3.81 H	270	43.1	3.6
6	4934.00	33.2 AV	54.0	-20.8	3.81 H	270	29.6	3.6
	7401.00	-	-	-	-	-	-	-
	9868.00	-	-	-	-	-	-	-
	12335.00	-	-	-	-	-	-	-
	14802.00	-	-	-	-	-	-	-
	17269.00	-	-	-	-	-	-	-
	19736.00	-	-	-	-	-	-	-
	22203.00	-	-	-	-	-	-	-
	24670.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

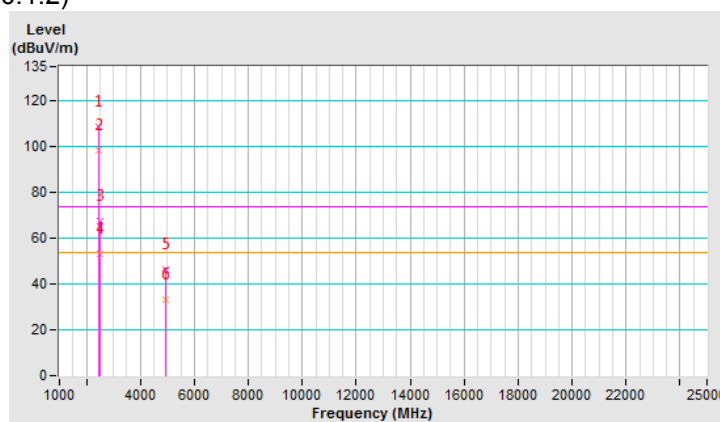


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 12：2467 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	108.9 PK			2.24 V	11	75.6	33.3
2	*2467.00	98.6 AV			2.24 V	11	65.3	33.3
3	2483.50	67.4 PK	74.0	-6.6	1.83 V	14	34.2	33.2
4	2483.50	53.1 AV	54.0	-0.9	1.83 V	14	19.9	33.2
5	4934.00	46.6 PK	74.0	-27.4	2.11 V	220	43.0	3.6
6	4934.00	33.2 AV	54.0	-20.8	2.11 V	220	29.6	3.6
	7401.00	-	-	-	-	-	-	-
	9868.00	-	-	-	-	-	-	-
	12335.00	-	-	-	-	-	-	-
	14802.00	-	-	-	-	-	-	-
	17269.00	-	-	-	-	-	-	-
	19736.00	-	-	-	-	-	-	-
	22203.00	-	-	-	-	-	-	-
	24670.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

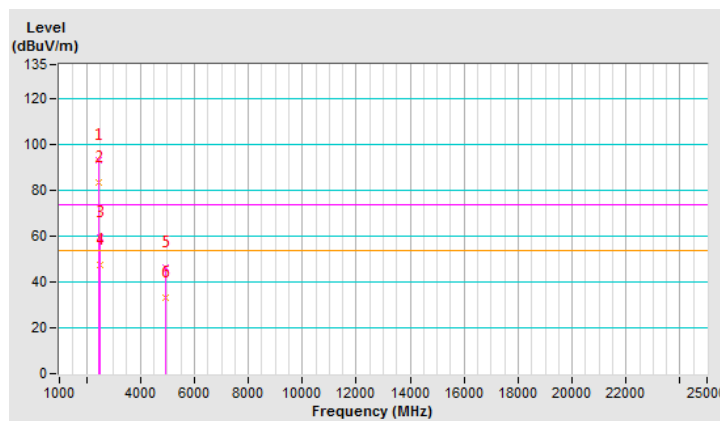


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 13：2472 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	93.3 PK			4.00 H	142	60.1	33.2
2	*2472.00	83.7 AV			4.00 H	142	50.5	33.2
3	2483.50	59.7 PK	74.0	-14.3	3.87 H	151	26.5	33.2
4	2483.50	47.2 AV	54.0	-6.8	3.87 H	151	14.0	33.2
5	4944.00	46.4 PK	74.0	-27.6	3.41 H	273	42.8	3.6
6	4944.00	33.2 AV	54.0	-20.8	3.41 H	273	29.6	3.6
	7416.00	-	-	-	-	-	-	-
	9888.00	-	-	-	-	-	-	-
	12360.00	-	-	-	-	-	-	-
	14832.00	-	-	-	-	-	-	-
	17304.00	-	-	-	-	-	-	-
	19776.00	-	-	-	-	-	-	-
	22248.00	-	-	-	-	-	-	-
	24720.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

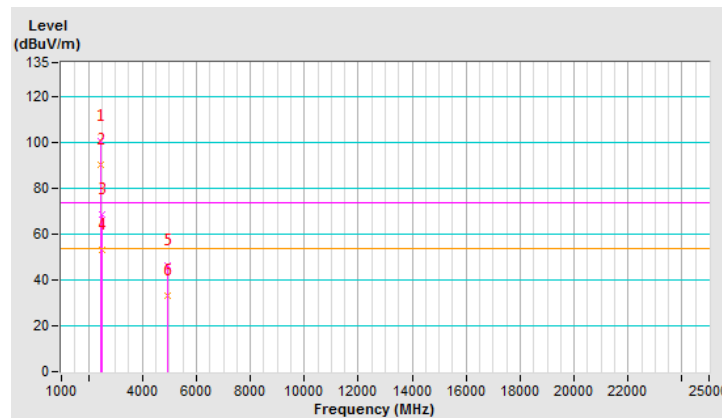


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 13：2472 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	100.4 PK			2.30 V	19	67.2	33.2
2	*2472.00	90.4 AV			2.30 V	19	57.2	33.2
3	2483.50	68.4 PK	74.0	-5.6	1.79 V	19	35.2	33.2
4	2483.50	53.2 AV	54.0	-0.8	1.79 V	19	20.0	33.2
5	4944.00	46.6 PK	74.0	-27.4	2.20 V	235	43.0	3.6
6	4944.00	33.3 AV	54.0	-20.7	2.20 V	235	29.7	3.6
	7416.00	-	-	-	-	-	-	-
	9888.00	-	-	-	-	-	-	-
	12360.00	-	-	-	-	-	-	-
	14832.00	-	-	-	-	-	-	-
	17304.00	-	-	-	-	-	-	-
	19776.00	-	-	-	-	-	-	-
	22248.00	-	-	-	-	-	-	-
	24720.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)



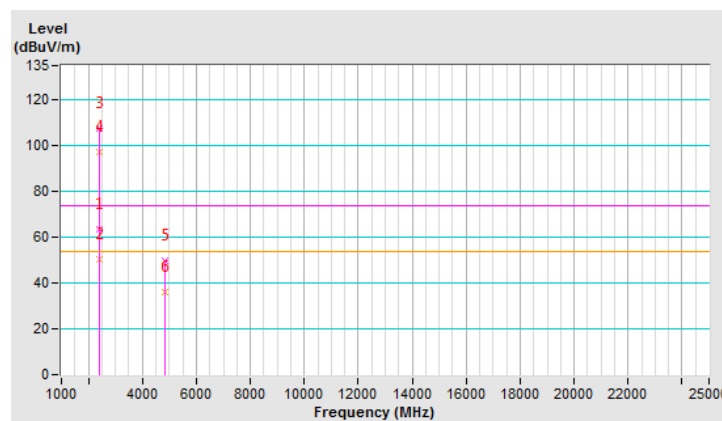
802.11n (HT20)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	63.5 PK	74.0	-10.5	3.74 H	219	30.0	33.5
2	2390.00	50.4 AV	54.0	-3.6	3.74 H	219	16.9	33.5
3	*2412.00	107.6 PK			3.75 H	216	74.2	33.4
4	*2412.00	97.3 AV			3.75 H	216	63.9	33.4
5	4824.00	50.0 PK	74.0	-24.0	2.02 H	189	46.0	4.0
6	4824.00	36.0 AV	54.0	-18.0	2.02 H	189	32.0	4.0
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

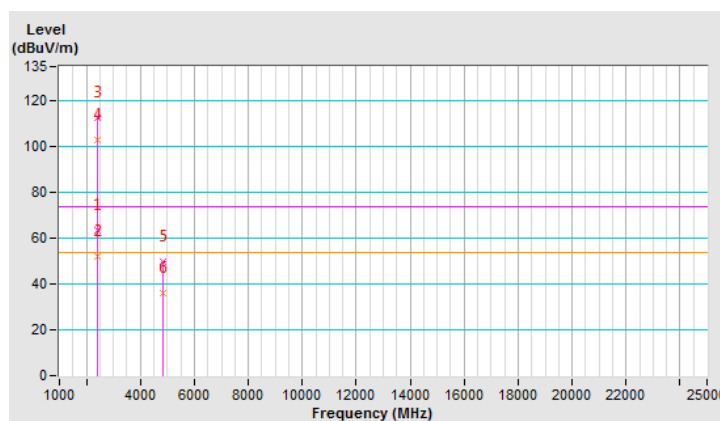


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	63.5 PK	74.0	-10.5	2.10 V	353	30.0	33.5
2	2390.00	51.9 AV	54.0	-2.1	2.10 V	353	18.4	33.5
3	*2412.00	112.9 PK			2.11 V	359	79.5	33.4
4	*2412.00	103.1 AV			2.11 V	359	69.7	33.4
5	4824.00	50.0 PK	74.0	-24.0	2.02 V	189	46.0	4.0
6	4824.00	36.0 AV	54.0	-18.0	2.02 V	189	32.0	4.0
	7236.00	-	-	-	-	-	-	-
	9648.00	-	-	-	-	-	-	-
	12060.00	-	-	-	-	-	-	-
	14472.00	-	-	-	-	-	-	-
	16884.00	-	-	-	-	-	-	-
	19296.00	-	-	-	-	-	-	-
	21708.00	-	-	-	-	-	-	-
	24120.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

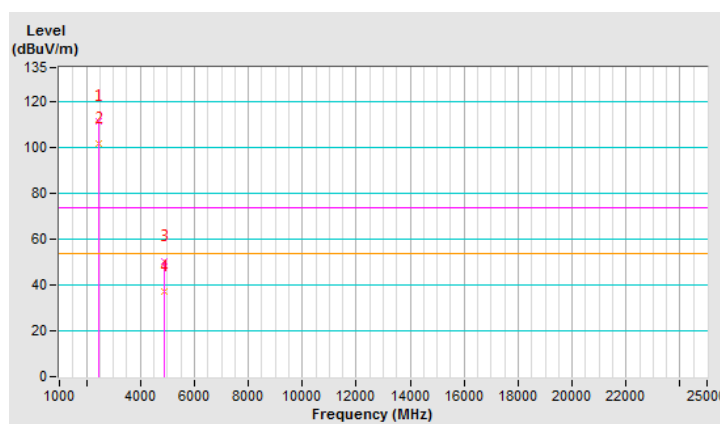


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	111.4 PK			3.61 H	214	78.0	33.4
2	*2437.00	101.8 AV			3.61 H	214	68.4	33.4
3	4874.00	50.5 PK	74.0	-23.5	1.53 H	160	46.8	3.7
4	4874.00	37.4 AV	54.0	-16.6	1.53 H	160	33.7	3.7
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

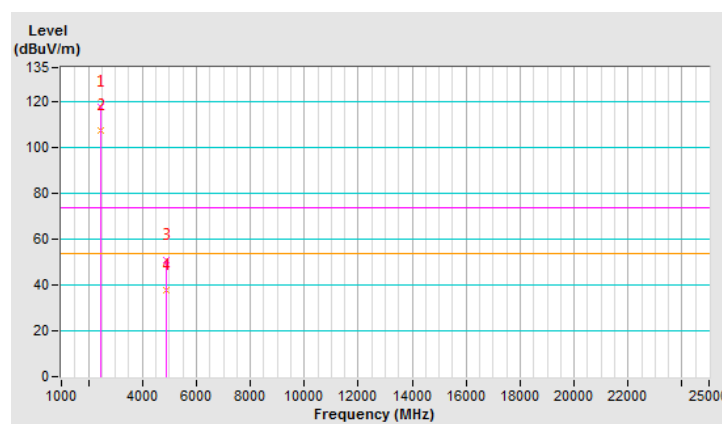


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	117.6 PK			2.01 V	13	84.2	33.4
2	*2437.00	107.5 AV			2.01 V	13	74.1	33.4
3	4874.00	50.8 PK	74.0	-23.2	1.99 V	188	47.1	3.7
4	4874.00	37.7 AV	54.0	-16.3	1.99 V	188	34.0	3.7
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * " : Fundamental frequency (主頻).
6. " # " : The radiated frequency is out of the restricted band.
7. " - " : The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

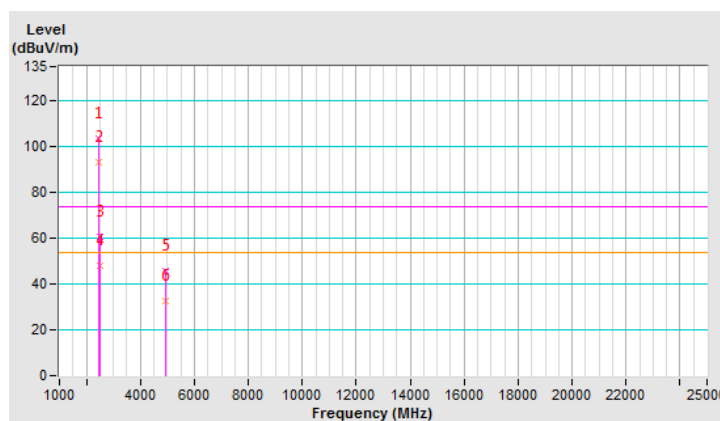


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	103.7 PK			4.00 H	197	70.4	33.3
2	*2462.00	93.5 AV			4.00 H	197	60.2	33.3
3	2483.50	60.4 PK	74.0	-13.6	3.98 H	209	27.2	33.2
4	2483.50	48.3 AV	54.0	-5.7	3.98 H	209	15.1	33.2
5	4924.00	45.7 PK	74.0	-28.3	2.12 H	191	42.2	3.5
6	4924.00	32.8 AV	54.0	-21.2	2.12 H	191	29.3	3.5
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

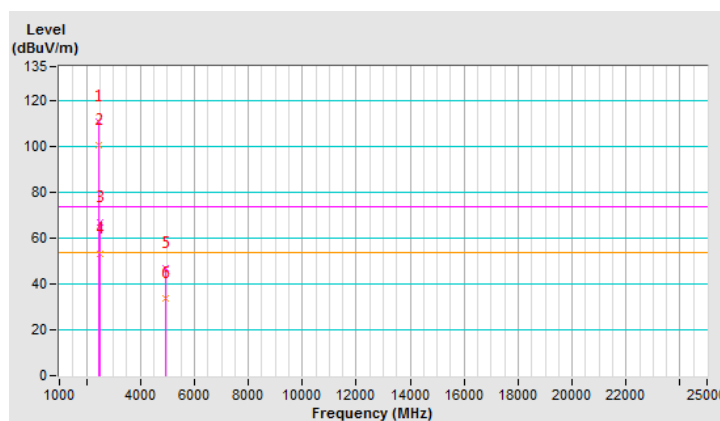


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	110.7 PK			2.25 V	5	77.4	33.3
2	*2462.00	100.7 AV			2.25 V	5	67.4	33.3
3	2483.50	66.7 PK	74.0	-7.3	1.92 V	359	33.5	33.2
4	2483.50	53.2 AV	54.0	-0.8	1.92 V	359	20.0	33.2
5	4924.00	46.9 PK	74.0	-27.1	2.04 V	199	43.4	3.5
6	4924.00	33.5 AV	54.0	-20.5	2.04 V	199	30.0	3.5
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

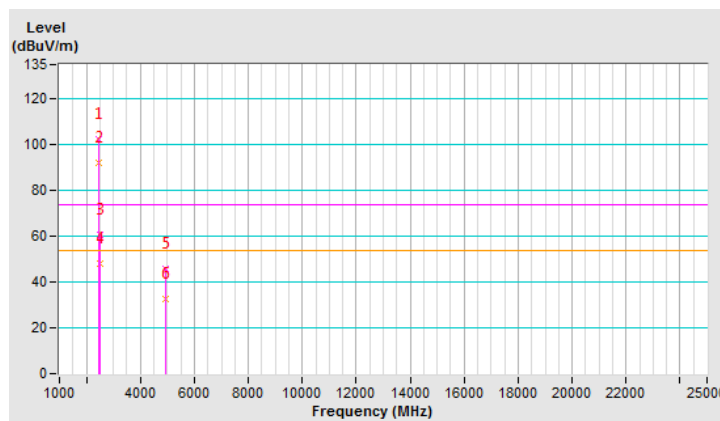


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 12：2467 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	102.4 PK			3.54 H	215	69.1	33.3
2	*2467.00	91.9 AV			3.54 H	215	58.6	33.3
3	2483.50	60.4 PK	74.0	-13.6	3.57 H	209	27.2	33.2
4	2483.50	48.3 AV	54.0	-5.7	3.57 H	209	15.1	33.2
5	4934.00	45.8 PK	74.0	-28.2	1.95 H	188	42.2	3.6
6	4934.00	32.7 AV	54.0	-21.3	1.95 H	188	29.1	3.6
	7401.00	-	-	-	-	-	-	-
	9868.00	-	-	-	-	-	-	-
	12335.00	-	-	-	-	-	-	-
	14802.00	-	-	-	-	-	-	-
	17269.00	-	-	-	-	-	-	-
	19736.00	-	-	-	-	-	-	-
	22203.00	-	-	-	-	-	-	-
	24670.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

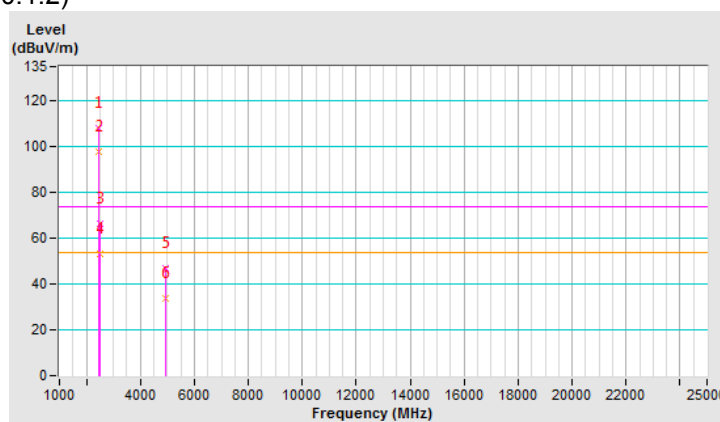


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 12 : 2467 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	107.9 PK			2.21 V	7	74.6	33.3
2	*2467.00	98.0 AV			2.21 V	7	64.7	33.3
3	2483.50	66.2 PK	74.0	-7.8	1.75 V	12	33.0	33.2
4	2483.50	53.1 AV	54.0	-0.9	1.75 V	12	19.9	33.2
5	4934.00	46.9 PK	74.0	-27.1	2.03 V	202	43.3	3.6
6	4934.00	33.6 AV	54.0	-20.4	2.03 V	202	30.0	3.6
	7401.00	-	-	-	-	-	-	-
	9868.00	-	-	-	-	-	-	-
	12335.00	-	-	-	-	-	-	-
	14802.00	-	-	-	-	-	-	-
	17269.00	-	-	-	-	-	-	-
	19736.00	-	-	-	-	-	-	-
	22203.00	-	-	-	-	-	-	-
	24670.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

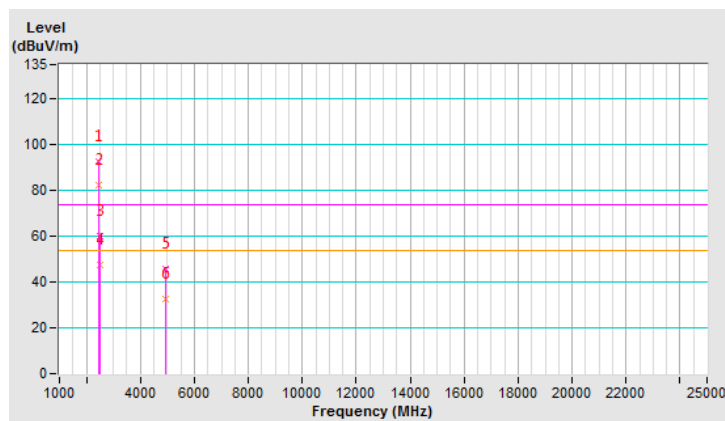


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 13：2472 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	92.5 PK			3.59 H	211	59.3	33.2
2	*2472.00	82.6 AV			3.59 H	211	49.4	33.2
3	2483.50	60.2 PK	74.0	-13.8	3.65 H	203	27.0	33.2
4	2483.50	47.5 AV	54.0	-6.5	3.65 H	203	14.3	33.2
5	4944.00	45.6 PK	74.0	-28.4	1.87 H	195	42.0	3.6
6	4944.00	32.6 AV	54.0	-21.4	1.87 H	195	29.0	3.6
	7416.00	-	-	-	-	-	-	-
	9888.00	-	-	-	-	-	-	-
	12360.00	-	-	-	-	-	-	-
	14832.00	-	-	-	-	-	-	-
	17304.00	-	-	-	-	-	-	-
	19776.00	-	-	-	-	-	-	-
	22248.00	-	-	-	-	-	-	-
	24720.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

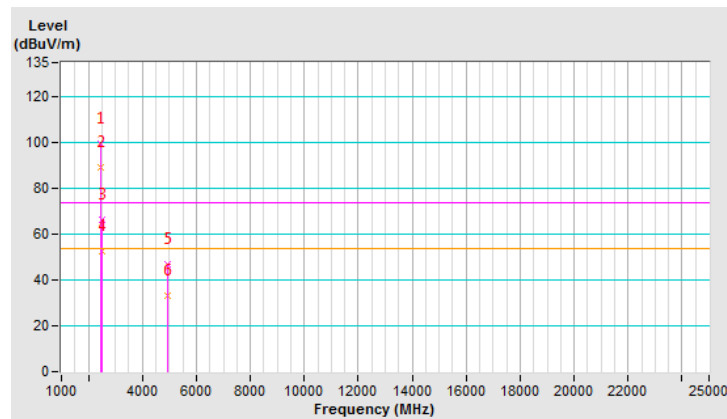


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 13：2472 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 08 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	99.6 PK			1.94 V	345	66.4	33.2
2	*2472.00	89.5 AV			1.94 V	345	56.3	33.2
3	2483.50	66.1 PK	74.0	-7.9	1.95 V	1	32.9	33.2
4	2483.50	52.5 AV	54.0	-1.5	1.95 V	1	19.3	33.2
5	4944.00	46.7 PK	74.0	-27.3	2.11 V	197	43.1	3.6
6	4944.00	33.4 AV	54.0	-20.6	2.11 V	197	29.8	3.6
	7416.00	-	-	-	-	-	-	-
	9888.00	-	-	-	-	-	-	-
	12360.00	-	-	-	-	-	-	-
	14832.00	-	-	-	-	-	-	-
	17304.00	-	-	-	-	-	-	-
	19776.00	-	-	-	-	-	-	-
	22248.00	-	-	-	-	-	-	-
	24720.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)



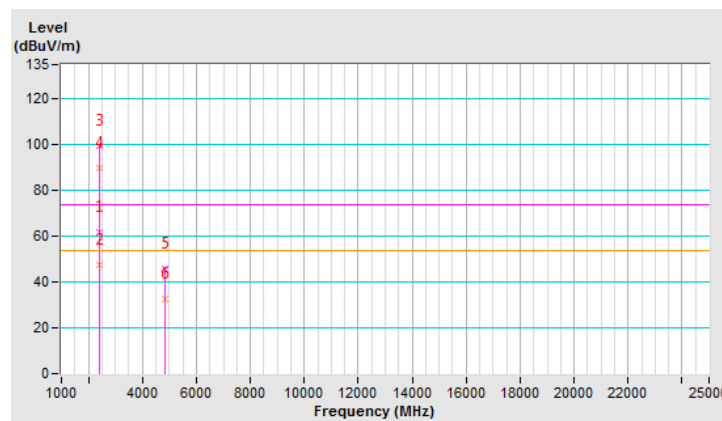
802.11n (HT40)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 3：2422 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.7 PK	74.0	-12.3	3.76 H	214	28.2	33.5
2	2390.00	47.7 AV	54.0	-6.3	3.76 H	214	14.2	33.5
3	*2422.00	99.7 PK			3.59 H	213	66.3	33.4
4	*2422.00	89.8 AV			3.59 H	213	56.4	33.4
5	4844.00	45.8 PK	74.0	-28.2	2.13 H	191	42.0	3.8
6	4844.00	32.7 AV	54.0	-21.3	2.13 H	191	28.9	3.8
	7266.00	-	-	-	-	-	-	-
	9688.00	-	-	-	-	-	-	-
	12110.00	-	-	-	-	-	-	-
	14532.00	-	-	-	-	-	-	-
	16954.00	-	-	-	-	-	-	-
	19376.00	-	-	-	-	-	-	-
	21798.00	-	-	-	-	-	-	-
	24220.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

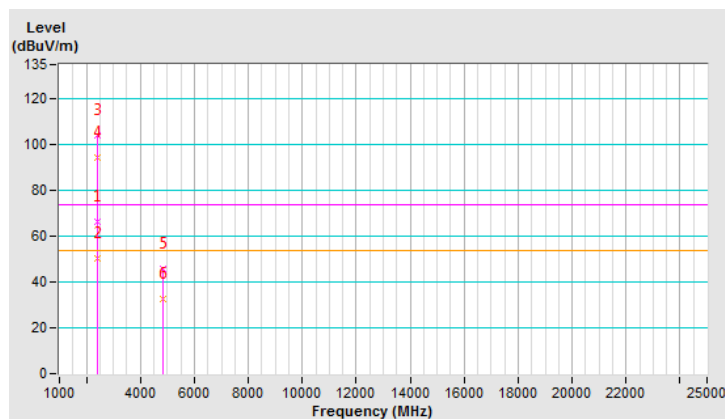


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 3：2422 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.2 PK	74.0	-7.8	1.06 V	211	32.7	33.5
2	2390.00	50.2 AV	54.0	-3.8	1.06 V	211	16.7	33.5
3	*2422.00	103.9 PK			1.10 V	207	70.5	33.4
4	*2422.00	94.6 AV			1.10 V	207	61.2	33.4
5	4844.00	45.9 PK	74.0	-28.1	1.88 V	193	42.1	3.8
6	4844.00	32.8 AV	54.0	-21.2	1.88 V	193	29.0	3.8
	7266.00	-	-	-	-	-	-	-
	9688.00	-	-	-	-	-	-	-
	12110.00	-	-	-	-	-	-	-
	14532.00	-	-	-	-	-	-	-
	16954.00	-	-	-	-	-	-	-
	19376.00	-	-	-	-	-	-	-
	21798.00	-	-	-	-	-	-	-
	24220.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

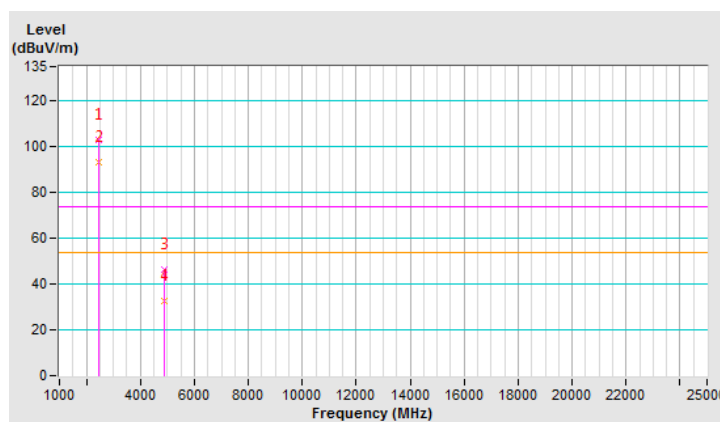


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	103.0 PK			3.64 H	211	69.6	33.4
2	*2437.00	93.3 AV			3.64 H	211	59.9	33.4
3	4874.00	46.2 PK	74.0	-27.8	2.21 H	205	42.5	3.7
4	4874.00	32.8 AV	54.0	-21.2	2.21 H	205	29.1	3.7
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

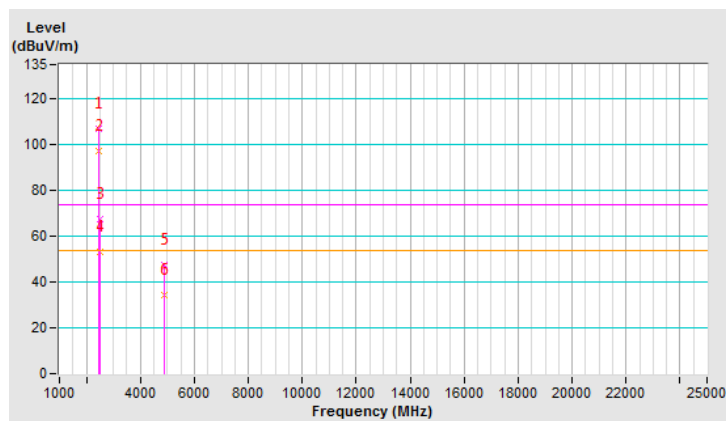


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	106.9 PK			1.96 V	19	73.5	33.4
2	*2437.00	97.5 AV			1.96 V	19	64.1	33.4
3	2483.50	67.7 PK	74.0	-6.3	2.01 V	17	34.5	33.2
4	2483.50	53.4 AV	54.0	-0.6	2.01 V	17	20.2	33.2
5	4874.00	47.5 PK	74.0	-26.5	3.03 V	153	43.8	3.7
6	4874.00	34.6 AV	54.0	-19.4	3.03 V	153	30.9	3.7
	7311.00	-	-	-	-	-	-	-
	9748.00	-	-	-	-	-	-	-
	12185.00	-	-	-	-	-	-	-
	14622.00	-	-	-	-	-	-	-
	17059.00	-	-	-	-	-	-	-
	19496.00	-	-	-	-	-	-	-
	21933.00	-	-	-	-	-	-	-
	24370.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

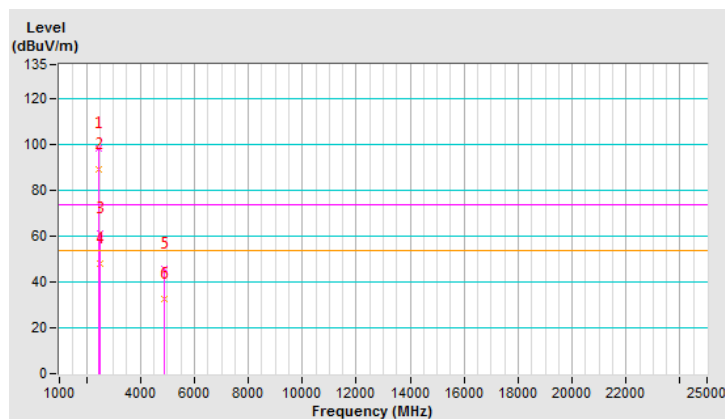


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 9：2452 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	98.6 PK			3.64 H	207	65.2	33.4
2	*2452.00	89.0 AV			3.64 H	207	55.6	33.4
3	2483.50	61.3 PK	74.0	-12.7	3.48 H	206	28.1	33.2
4	2483.50	48.0 AV	54.0	-6.0	3.48 H	206	14.8	33.2
5	4904.00	45.6 PK	74.0	-28.4	1.89 H	188	42.1	3.5
6	4904.00	32.7 AV	54.0	-21.3	1.89 H	188	29.2	3.5
	7356.00	-	-	-	-	-	-	-
	9808.00	-	-	-	-	-	-	-
	12260.00	-	-	-	-	-	-	-
	14712.00	-	-	-	-	-	-	-
	17164.00	-	-	-	-	-	-	-
	19616.00	-	-	-	-	-	-	-
	22068.00	-	-	-	-	-	-	-
	24520.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

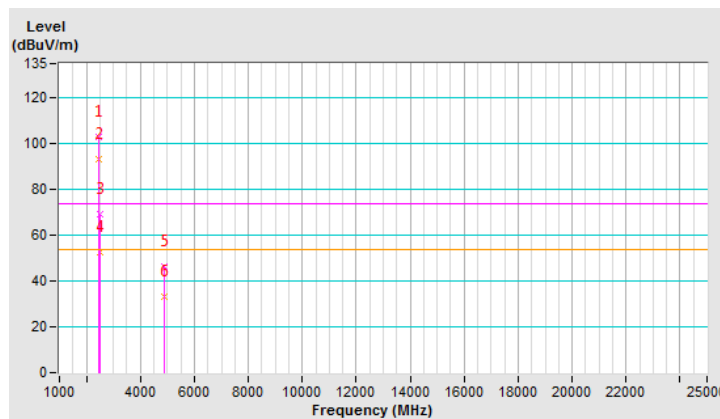


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 9：2452 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	103.0 PK			1.97 V	19	69.6	33.4
2	*2452.00	93.3 AV			1.97 V	19	59.9	33.4
3	2483.50	69.3 PK	74.0	-4.7	1.95 V	7	36.1	33.2
4	2483.50	52.8 AV	54.0	-1.2	1.95 V	7	19.6	33.2
5	4904.00	46.3 PK	74.0	-27.7	2.18 V	181	42.8	3.5
6	4904.00	33.0 AV	54.0	-21.0	2.18 V	181	29.5	3.5
	7356.00	-	-	-	-	-	-	-
	9808.00	-	-	-	-	-	-	-
	12260.00	-	-	-	-	-	-	-
	14712.00	-	-	-	-	-	-	-
	17164.00	-	-	-	-	-	-	-
	19616.00	-	-	-	-	-	-	-
	22068.00	-	-	-	-	-	-	-
	24520.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

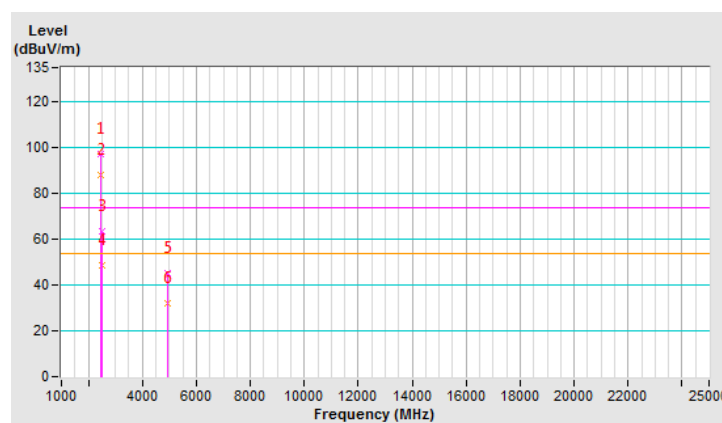


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 10：2457 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	97.0 PK			3.50 H	195	63.7	33.3
2	*2457.00	88.1 AV			3.50 H	195	54.8	33.3
3	2483.50	63.4 PK	74.0	-10.6	3.51 H	208	30.2	33.2
4	2483.50	48.9 AV	54.0	-5.1	3.51 H	208	15.7	33.2
5	4914.00	45.4 PK	74.0	-28.6	2.11 H	199	41.9	3.5
6	4914.00	32.2 AV	54.0	-21.8	2.11 H	199	28.7	3.5
	7371.00	-	-	-	-	-	-	-
	9828.00	-	-	-	-	-	-	-
	12285.00	-	-	-	-	-	-	-
	14742.00	-	-	-	-	-	-	-
	17199.00	-	-	-	-	-	-	-
	19656.00	-	-	-	-	-	-	-
	22113.00	-	-	-	-	-	-	-
	24570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

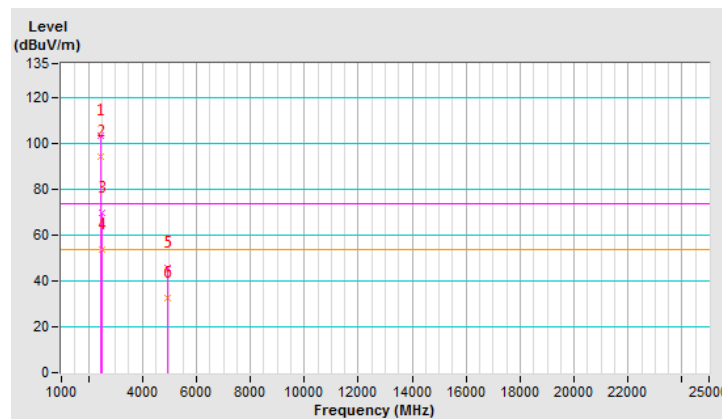


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 10：2457 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	103.8 PK			2.24 V	16	70.5	33.3
2	*2457.00	94.2 AV			2.24 V	16	60.9	33.3
3	2483.50	70.0 PK	74.0	-4.0	1.89 V	0	36.8	33.2
4	2483.50	53.5 AV	54.0	-0.5	1.89 V	0	20.3	33.2
5	4914.00	45.6 PK	74.0	-28.4	1.95 V	193	42.1	3.5
6	4914.00	32.7 AV	54.0	-21.3	1.95 V	193	29.2	3.5
	7371.00	-	-	-	-	-	-	-
	9828.00	-	-	-	-	-	-	-
	12285.00	-	-	-	-	-	-	-
	14742.00	-	-	-	-	-	-	-
	17199.00	-	-	-	-	-	-	-
	19656.00	-	-	-	-	-	-	-
	22113.00	-	-	-	-	-	-	-
	24570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

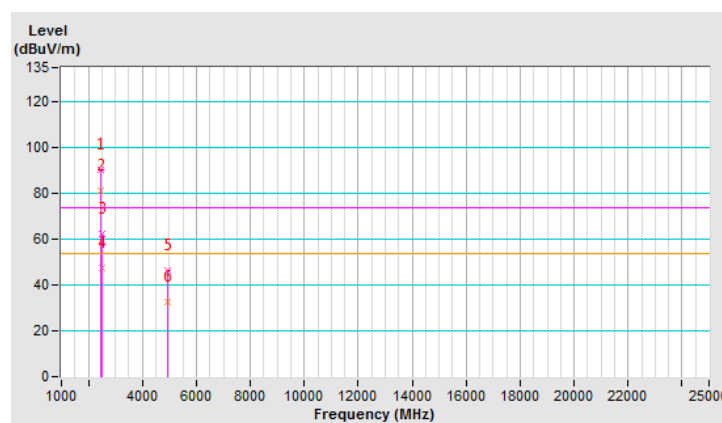


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	90.4 PK			3.16 H	206	57.1	33.3
2	*2462.00	81.0 AV			3.16 H	206	47.7	33.3
3	2483.50	62.2 PK	74.0	-11.8	3.06 H	207	29.0	33.2
4	2483.50	47.5 AV	54.0	-6.5	3.06 H	207	14.3	33.2
5	4924.00	46.1 PK	74.0	-27.9	1.98 H	189	42.6	3.5
6	4924.00	32.6 AV	54.0	-21.4	1.98 H	189	29.1	3.5
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

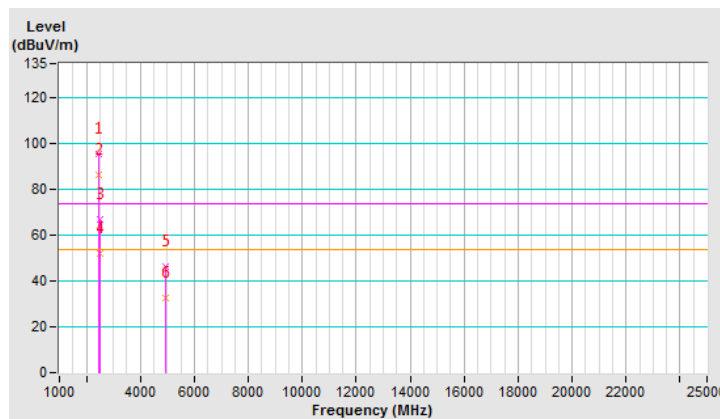


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	25°C	量測場地濕度：	70%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	95.6 PK			1.52 V	351	62.3	33.3
2	*2462.00	86.2 AV			1.52 V	351	52.9	33.3
3	2483.50	66.9 PK	74.0	-7.1	1.93 V	2	33.7	33.2
4	2483.50	52.3 AV	54.0	-1.7	1.93 V	2	19.1	33.2
5	4924.00	46.4 PK	74.0	-27.6	2.00 V	189	42.9	3.5
6	4924.00	32.8 AV	54.0	-21.2	2.00 V	189	29.3	3.5
	7386.00	-	-	-	-	-	-	-
	9848.00	-	-	-	-	-	-	-
	12310.00	-	-	-	-	-	-	-
	14772.00	-	-	-	-	-	-	-
	17234.00	-	-	-	-	-	-	-
	19696.00	-	-	-	-	-	-	-
	22158.00	-	-	-	-	-	-	-
	24620.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)



4.6.2 接收諧波

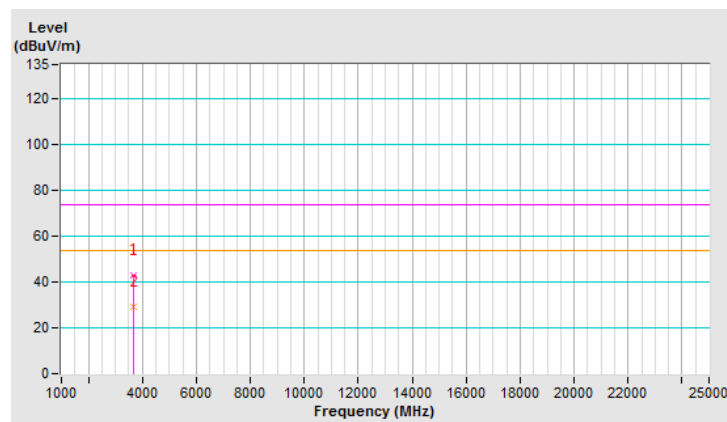
802.11n (HT20)

操作模式：	接收	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：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	3655.00	42.8 PK	74.0	-31.2	2.61 H	111	43.2	-0.4
2	3655.00	29.3 AV	54.0	-24.7	2.61 H	111	29.7	-0.4

Remarks:

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

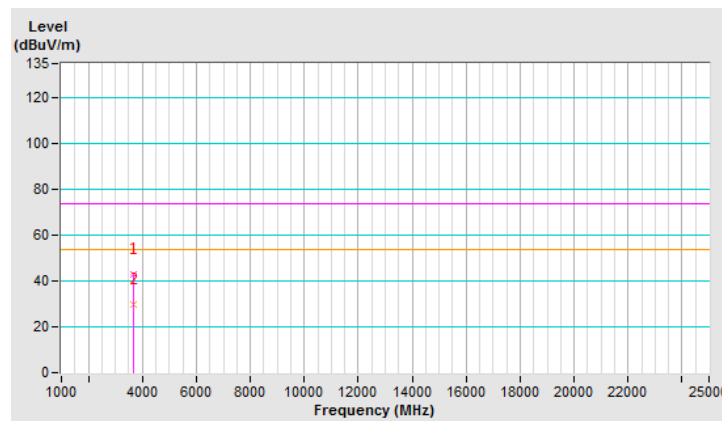


操作模式：	接收	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	3655.00	43.1 PK	74.0	-30.9	1.93 V	210	43.5	-0.4
2	3655.00	29.6 AV	54.0	-24.4	1.93 V	210	30.0	-0.4

Remarks:

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



4.6.3 其它不必要之訊號

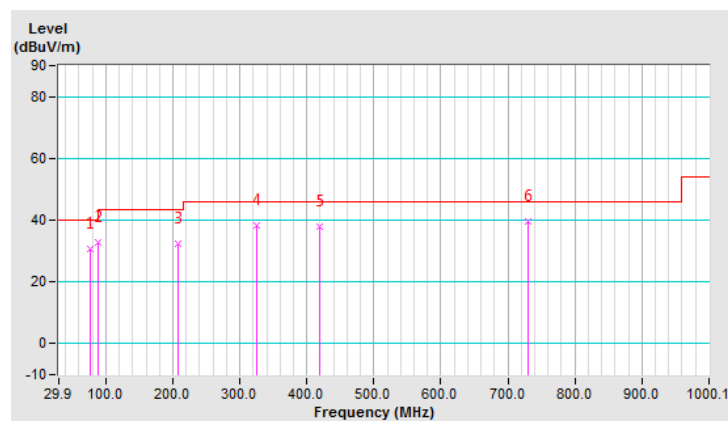
802.11n (HT20)

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：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 15 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	76.56	30.8 QP	40.0	-9.2	2.00 H	61	43.3	-12.5
2	88.23	32.9 QP	43.5	-10.6	2.00 H	90	47.5	-14.6
3	208.77	32.5 QP	43.5	-11.0	1.50 H	103	43.9	-11.4
4	325.43	38.3 QP	46.0	-7.7	1.00 H	95	44.8	-6.5
5	418.76	37.9 QP	46.0	-8.1	1.00 H	143	42.6	-4.7
6	729.84	39.4 QP	46.0	-6.6	1.50 H	322	37.4	2.0

Remarks:

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

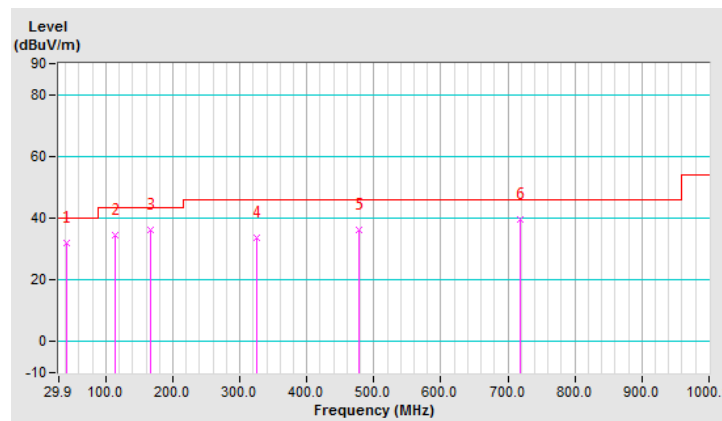


操作模式：	發射/接收	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 15 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	41.57	32.1 QP	40.0	-7.9	1.00 V	149	41.8	-9.7
2	113.50	34.4 QP	43.5	-9.1	1.00 V	153	46.3	-11.9
3	166.00	36.1 QP	43.5	-7.4	1.00 V	160	45.0	-8.9
4	325.43	33.5 QP	46.0	-12.5	1.49 V	149	40.0	-6.5
5	477.09	36.2 QP	46.0	-9.8	1.00 V	197	39.5	-3.3
6	718.18	39.5 QP	46.0	-6.5	1.99 V	158	38.0	1.5

Remarks:

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

4.8 配置照片

請參閱附件（測試設置照片）。

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

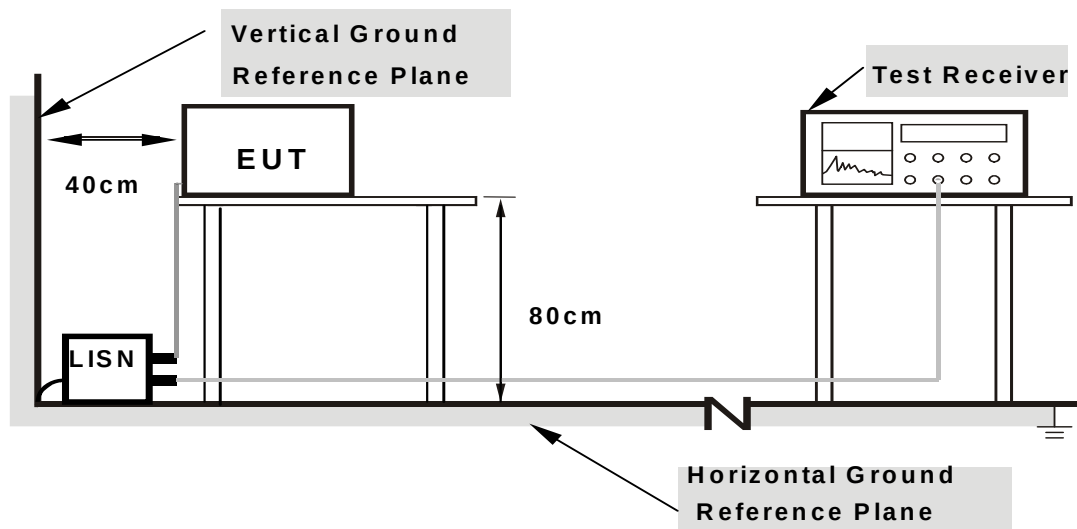
將待測物置於0.8米高的非金屬桌面，使其操作在工作狀態，待測物電源線接至電源線阻抗穩定網路上，從測試接收機記錄頻率由0.15MHz至30MHz之間之電源線傳導放射強度。

5.3 量測儀器

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESCI	100613	Nov. 23, 2017	Nov. 22, 2018
RF signal cable (with 10dB PAD) Woken	5D-FB	Cable-cond1-01	Sep. 05, 2017	Sep. 04, 2018
LISN ROHDE & SCHWARZ (EUT)	ENV216	101826	Feb. 26, 2018	Feb. 25, 2019
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100311	Aug. 15, 2017	Aug. 14, 2018
Software ADT	BV ADT_Conf_ V7.3.7.4	NA	NA	NA

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Shielded Room 1.
 3. The VCCI Site Registration No. is C-2040.
 4. The measurement uncertainty is 2.94 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

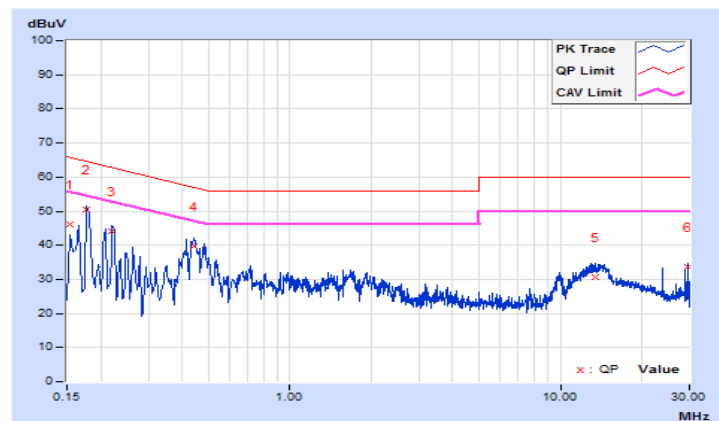
802.11n (HT20)

操作模式	發射/接收	測試日期	107 年 06 月 19 日
基本波頻率	CH 6 : 2437 MHz	量測場地溫度	23°C
調變技術	OFDM	量測場地濕度	69%RH
測試者	鄭詠璋		

		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	10.10	36.13	16.28	46.23	26.38	65.79	55.79	-19.56	-29.41
0.17744	10.10	40.28	26.72	50.38	36.82	64.60	54.60	-14.22	-17.78
0.22038	10.11	33.85	20.72	43.96	30.83	62.80	52.80	-18.84	-21.97
0.44325	10.12	29.68	24.80	39.80	34.92	57.00	47.00	-17.20	-12.08
13.43227	10.82	19.93	14.56	30.75	25.38	60.00	50.00	-29.25	-24.62
29.78780	11.39	22.40	21.87	33.79	33.26	60.00	50.00	-26.21	-16.74

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.Corrected factor = Insertion loss + Cable loss
- 5.Emission Level = Correction Factor + Reading Value.

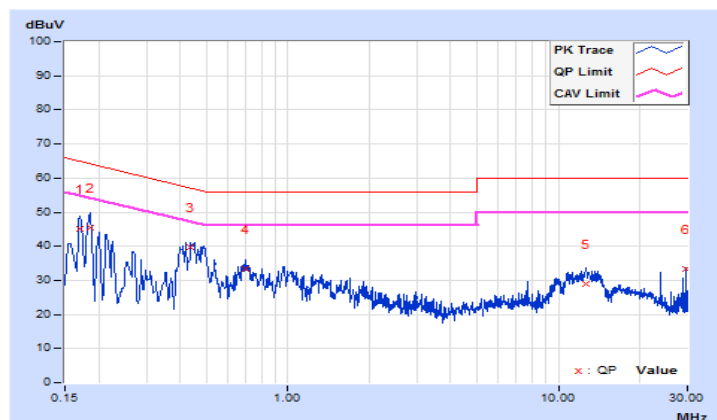


操作模式	發射/接收	測試日期	107 年 06 月 19 日
基本波頻率	CH 6 : 2437 MHz	量測場地溫度	23°C
調變技術	OFDM	量測場地濕度	69%RH
測試者	鄭詠璋		

		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.
0.16967	10.10	35.11	19.78	45.21	29.88	64.98	54.98	-19.77	-25.10
0.18519	10.10	35.29	16.71	45.39	26.81	64.25	54.25	-18.86	-27.44
0.43579	10.12	29.50	23.30	39.62	33.42	57.14	47.14	-17.52	-13.72
0.70131	10.12	23.37	16.24	33.49	26.36	56.00	46.00	-22.51	-19.64
12.63854	10.63	18.16	12.72	28.79	23.35	60.00	50.00	-31.21	-26.65
29.78780	11.07	22.28	22.12	33.35	33.19	60.00	50.00	-26.65	-16.81

Note:

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



5.7 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

5.8 配置照片

請參閱附件（測試設置照片）。

6 發射頻寬之要求

6.1 適用標準

請見本報告3.1節第5項(I)的規定。

6.2 量測方法

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

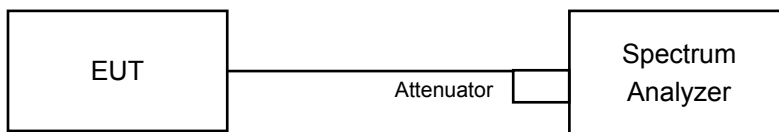
6.3 量測儀器

Description & Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Spectrum Analyzer R&S	FSP40	100041	Dec. 12, 2017	Dec. 11, 2018

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

- 2. The measurement uncertainty is 207Hz, which is calculated as per the document ETSI TR 100 028. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

6.4 測試配置



6.5 量測結果

操作模式	發射	測試日期	107 年 06 月 27 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	劉福龍		

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	8.08	8.09	0.5	Pass
6	2437	8.07	8.08	0.5	Pass
11	2462	7.62	8.07	0.5	Pass
12	2467	7.58	8.08	0.5	Pass
13	2472	8.07	8.11	0.5	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	15.36	15.36	0.5	Pass
6	2437	15.36	15.33	0.5	Pass
11	2462	15.36	15.20	0.5	Pass
12	2467	15.61	15.17	0.5	Pass
13	2472	15.35	15.36	0.5	Pass

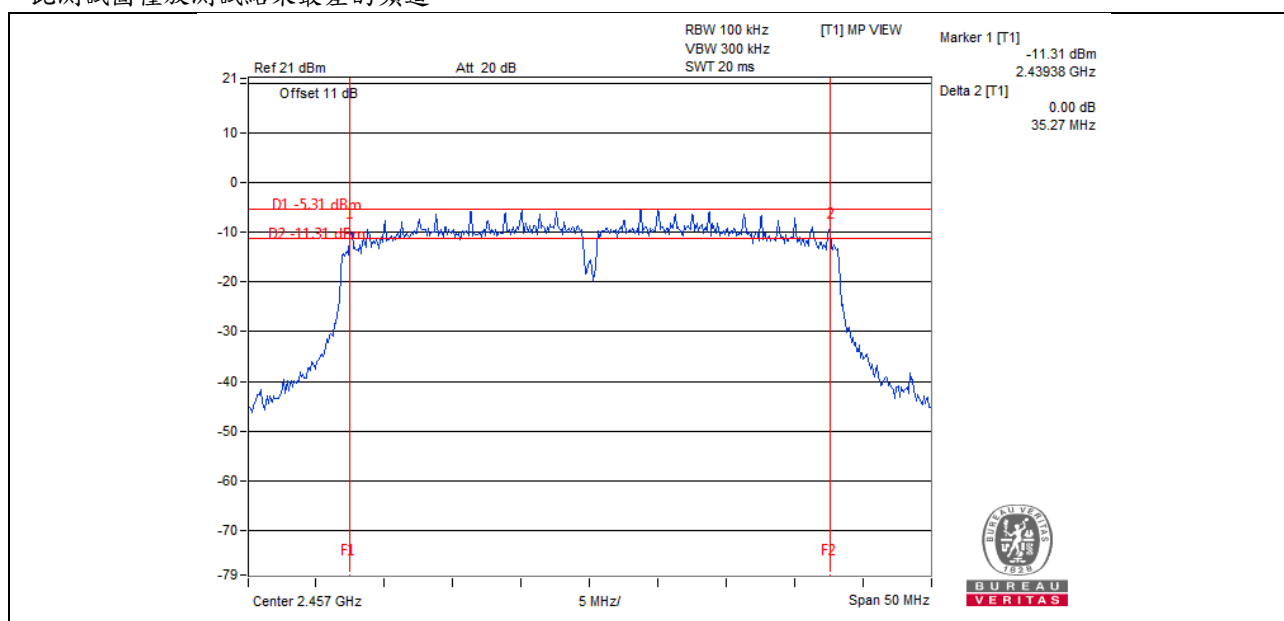
802.11n (HT20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	15.37	15.17	0.5	Pass
6	2437	15.11	15.18	0.5	Pass
11	2462	15.18	15.19	0.5	Pass
12	2467	15.19	15.34	0.5	Pass
13	2472	15.21	15.49	0.5	Pass

802.11n (HT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
3	2422	35.18	35.18	0.5	Pass
6	2437	35.18	35.20	0.5	Pass
9	2452	35.18	35.22	0.5	Pass
10	2457	35.27	35.19	0.5	Pass
11	2462	35.24	35.25	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



6.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

7 輸出峰值功率之量測

7.1 適用標準

請見本報告3.1節第6項(I)及4項(I)的規定。

7.2 量測方法

- 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。
- 計算其輸出功率峰值。

7.3 量測儀器

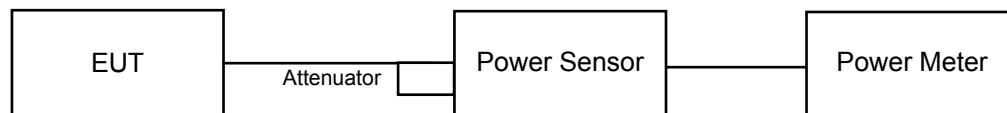
Description & Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Power meter Anritsu	ML2495A	0824012	Aug. 18, 2017	Aug. 17, 2018
Power sensor Anritsu	MA2411B	0738171	Aug. 18, 2017	Aug. 17, 2018

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. The measurement uncertainty is 1.393dB, which is calculated as per the document ETSI TR 100 028. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3. Measurement Bandwidth of ML2495A is 65MHz greater than 6dB bandwidth of emission.

7.4 測試配置



7.5 量測結果

操作模式	發射	測試日期	107 年 06 月 27 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	劉福龍		

802.11b

Channel	Frequency (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	19.95	20.42	209.009	23.20	30.00	Pass
6	2437	21.34	21.22	268.578	24.29	30.00	Pass
11	2462	20.97	20.11	227.591	23.57	30.00	Pass
12	2467	18.77	19.12	156.994	21.96	30.00	Pass
13	2472	12.21	13.23	37.672	15.76	30.00	Pass

802.11g

Channel	Frequency (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	20.99	21.43	264.598	24.23	30.00	Pass
6	2437	23.71	23.20	443.893	26.47	30.00	Pass
11	2462	18.64	19.34	159.015	22.01	30.00	Pass
12	2467	16.11	17.61	98.509	19.93	30.00	Pass
13	2472	7.61	8.71	13.198	11.21	30.00	Pass

802.11n (HT20)

Channel	Frequency (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	21.73	21.56	292.155	24.66	30.00	Pass
6	2437	23.86	23.33	458.498	26.61	30.00	Pass
11	2462	17.29	18.12	118.443	20.74	30.00	Pass
12	2467	16.21	17.33	95.858	19.82	30.00	Pass
13	2472	7.00	7.11	10.152	10.07	30.00	Pass

802.11n (HT40)

Channel	Frequency (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	17.24	18.21	119.188	20.76	30.00	Pass
6	2437	20.12	20.74	221.379	23.45	30.00	Pass
9	2452	16.38	17.21	96.053	19.83	30.00	Pass
10	2457	16.33	17.09	94.122	19.74	30.00	Pass
11	2462	7.86	8.93	13.925	11.44	30.00	Pass

7.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

8 功率密度之量測

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

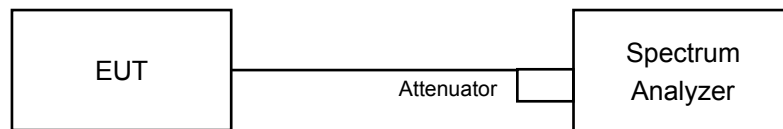
- 將待測物之天線埠經由適當之衰減直接連至測試儀器。
- 設定解析頻寬為10kHz，視訊頻寬為30kHz，掃描時間為auto。
- 掃描頻寬設於足夠觀察發射機所產生的主頻信號，並找到最大的峰值準位。
- 校正後的值，其峰值位準必須不大於+8dBm。

8.3 量測儀器

Description & Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Spectrum Analyzer R&S	FSP40	100041	Dec. 12, 2017	Dec. 11, 2018

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

8.4 測試配置



8.5 量測結果

操作模式	發射	測試日期	107 年 06 月 27 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	劉福龍		

802.11b

TX chain	Channel	Frequency (MHz)	PSD (dBm/10kHz)	10 log (N=2) dB	Total PSD (dBm/10kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-6.59	3.01	-3.58	8.00	Pass
	6	2437	-3.74	3.01	-0.73	8.00	Pass
	11	2462	-4.17	3.01	-1.16	8.00	Pass
	12	2467	-7.14	3.01	-4.13	8.00	Pass
	13	2472	-13.09	3.01	-10.08	8.00	Pass
1	1	2412	-5.97	3.01	-2.96	8.00	Pass
	6	2437	-3.15	3.01	-0.14	8.00	Pass
	11	2462	-3.89	3.01	-0.88	8.00	Pass
	12	2467	-6.09	3.01	-3.08	8.00	Pass
	13	2472	-11.34	3.01	-8.33	8.00	Pass

Note:

- Method 1 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.
- Directional gain = 2.89dBi + 10log(2) = 5.9dBi < 6dBi, so the power density limit no need to reduce.

802.11g

TX chain	Channel	Frequency (MHz)	PSD (dBm/10kHz)	10 log (N=2) dB	Total PSD (dBm/10kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-12.39	3.01	-9.38	8.00	Pass
	6	2437	-7.86	3.01	-4.85	8.00	Pass
	11	2462	-14.42	3.01	-11.41	8.00	Pass
	12	2467	-18.28	3.01	-15.27	8.00	Pass
	13	2472	-25.18	3.01	-22.17	8.00	Pass
1	1	2412	-11.66	3.01	-8.65	8.00	Pass
	6	2437	-6.89	3.01	-3.88	8.00	Pass
	11	2462	-12.33	3.01	-9.32	8.00	Pass
	12	2467	-15.93	3.01	-12.92	8.00	Pass
	13	2472	-24.55	3.01	-21.54	8.00	Pass

Note:

1. Method 1 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 = 2.89dBi + 10log(2) = 5.9dBi < 6dBi, so the power density limit no need to reduce.

802.11n (HT20)

TX chain	Channel	Frequency (MHz)	PSD (dBm/10kHz)	10 log (N=2) dB	Total PSD (dBm/10kHz)	Limit (dBm/3kHz)	Pass / Fail
0	1	2412	-11.48	3.01	-8.47	8.00	Pass
	6	2437	-7.81	3.01	-4.80	8.00	Pass
	11	2462	-15.15	3.01	-12.14	8.00	Pass
	12	2467	-16.66	3.01	-13.65	8.00	Pass
	13	2472	-26.67	3.01	-23.66	8.00	Pass
1	1	2412	-10.87	3.01	-7.86	8.00	Pass
	6	2437	-5.61	3.01	-2.60	8.00	Pass
	11	2462	-14.61	3.01	-11.60	8.00	Pass
	12	2467	-15.27	3.01	-12.26	8.00	Pass
	13	2472	-24.50	3.01	-21.49	8.00	Pass

Note:

1. Method 1 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 = 2.89dBi + 10log(2) = 5.9dBi < 6dBi, so the power density limit no need to reduce.

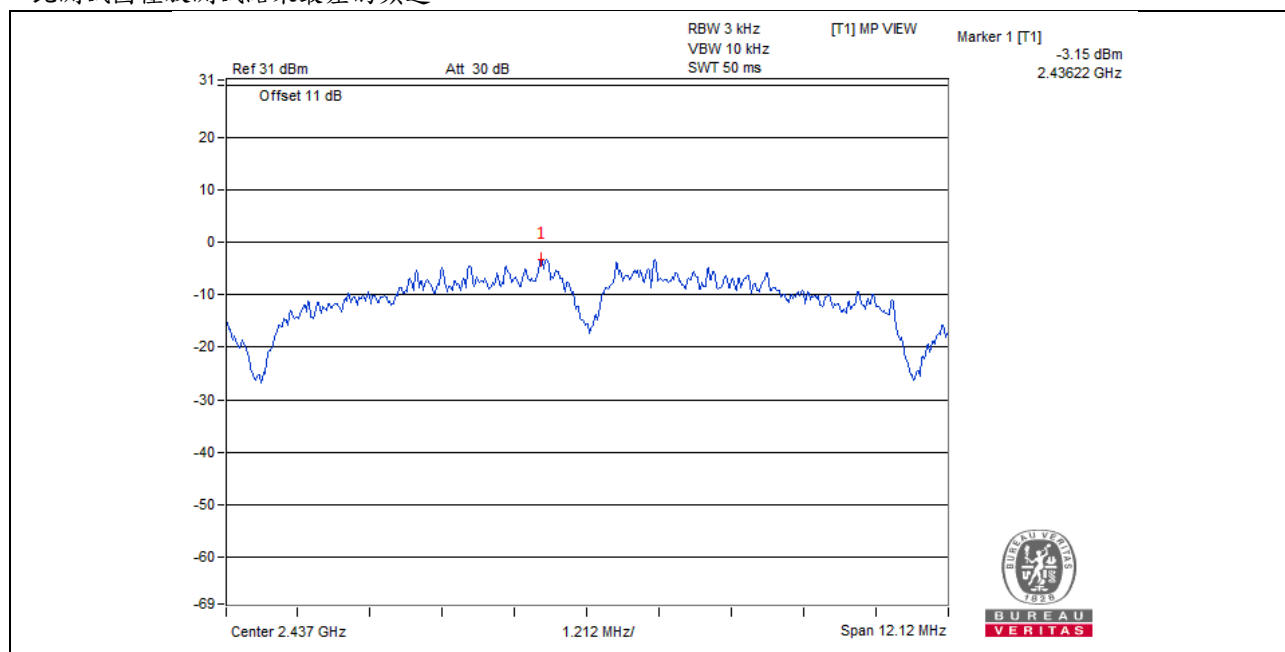
802.11n (HT40)

TX chain	Channel	Frequency (MHz)	PSD (dBm/10kHz)	10 log (N=2) dB	Total PSD (dBm/10kHz)	Limit (dBm/3kHz)	Pass / Fail
0	3	2422	-20.64	3.01	-17.63	8.00	Pass
	6	2437	-17.83	3.01	-14.82	8.00	Pass
	9	2452	-20.25	3.01	-17.24	8.00	Pass
	10	2457	-22.11	3.01	-19.10	8.00	Pass
	11	2462	-27.79	3.01	-24.78	8.00	Pass
1	3	2422	-18.40	3.01	-15.39	8.00	Pass
	6	2437	-15.95	3.01	-12.94	8.00	Pass
	9	2452	-20.35	3.01	-17.34	8.00	Pass
	10	2457	-21.15	3.01	-18.14	8.00	Pass
	11	2462	-29.74	3.01	-26.73	8.00	Pass

Note:

- Method 1 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.
- Directional gain = $2.89\text{dBi} + 10\log(2) = 5.9\text{dBi} < 6\text{dBi}$, so the power density limit no need to reduce.

**此測試圖僅放測試結果最差的頻道。



8.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

U-NII 頻段測試紀錄結果

9 帶外發射之量測

9.1 適用標準

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

9.2 量測方法

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

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

9.3 量測儀器

同4.3節。

9.4 測試配置

同4.4節。

9.5 場強度之計算

場強之計算公式如下：

結果值Emission level (dBuV/m)=機器讀值 Raw Value (dBuV) +校正因子Correction Factor (dB/m)

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

*有效等向輻射功率限制值轉換場強值如下：

Applicable To		Limit	
789033 D02 General UNII Test Procedure New Rules v02r01		Field Strength at 3m	
		PK:74 (dBuV/m)	AV:54 (dBuV/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(dBuV/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 (dBuV/m) ^{*1} PK:105.2 (dBuV/m) ^{*2} PK: 110.8 (dBuV/m) ^{*3} PK:122.2 (dBuV/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。

量測結果請見下頁。

9.6 量測結果

9.6.1 發射諧波

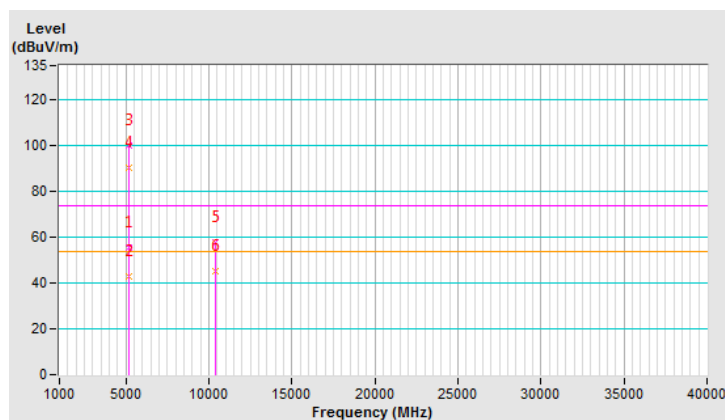
802.11a

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：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	55.7 PK	74.0	-18.3	1.00 H	88	51.8	3.9
2	5150.00	42.7 AV	54.0	-11.3	1.00 H	88	38.8	3.9
3	*5180.00	100.3 PK			1.48 H	102	60.7	39.6
4	*5180.00	90.3 AV			1.48 H	102	50.7	39.6
5	#10360.00	58.0 PK	74.0	-16.0	2.93 H	229	42.2	15.8
6	#10360.00	45.2 AV	54.0	-8.8	2.93 H	229	29.4	15.8
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

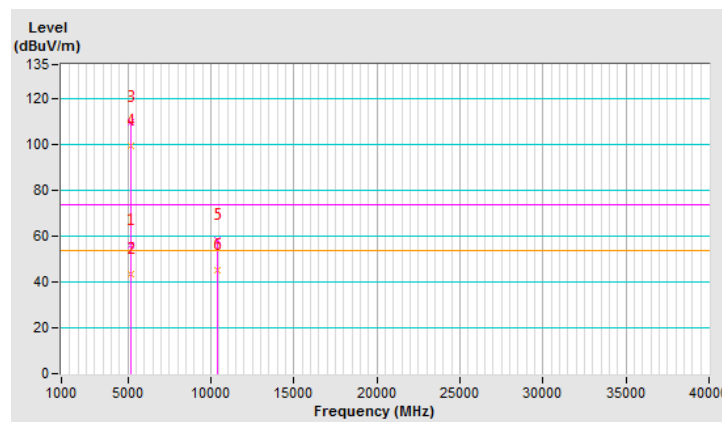


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.1 PK	74.0	-17.9	1.21 V	48	52.2	3.9
2	5150.00	43.5 AV	54.0	-10.5	1.21 V	48	39.6	3.9
3	*5180.00	110.1 PK			1.05 V	45	70.5	39.6
4	*5180.00	99.8 AV			1.05 V	45	60.2	39.6
5	#10360.00	58.1 PK	74.0	-15.9	2.24 V	194	42.3	15.8
6	#10360.00	45.2 AV	54.0	-8.8	2.24 V	194	29.4	15.8
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

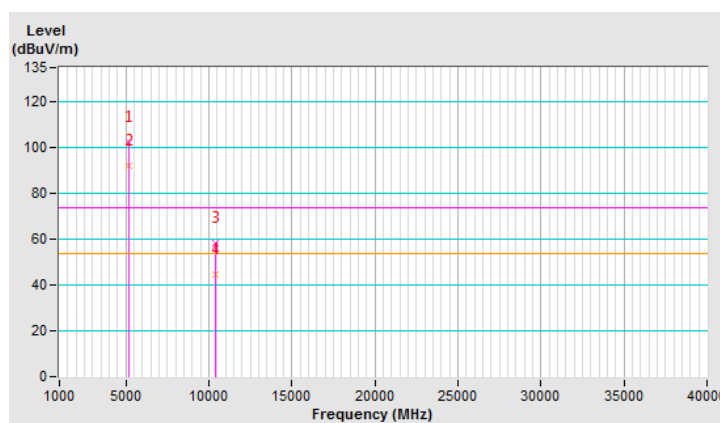


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	102.2 PK			2.69 H	143	62.6	39.6
2	*5200.00	92.1 AV			2.69 H	143	52.5	39.6
3	#10400.00	58.4 PK	74.0	-15.6	2.99 H	231	42.5	15.9
4	#10400.00	44.7 AV	54.0	-9.3	2.99 H	231	28.8	15.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

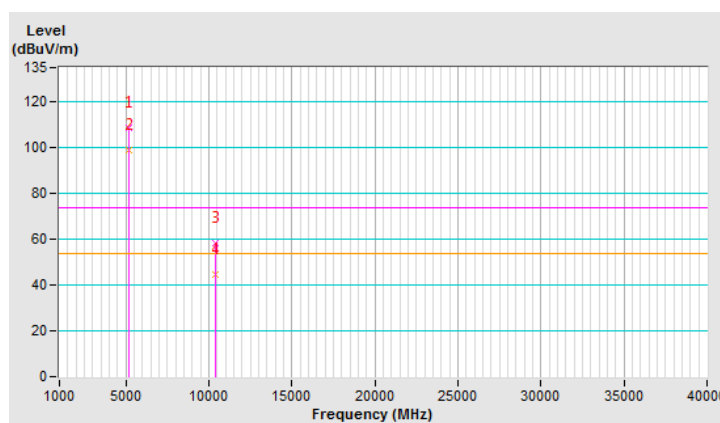


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	108.6 PK			1.22 V	298	69.0	39.6
2	*5200.00	98.8 AV			1.22 V	298	59.2	39.6
3	#10400.00	58.6 PK	74.0	-15.4	1.98 V	203	42.7	15.9
4	#10400.00	44.9 AV	54.0	-9.1	1.98 V	203	29.0	15.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

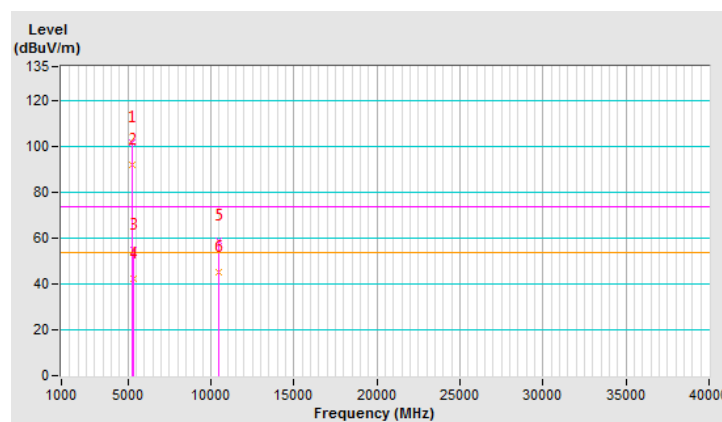


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	102.0 PK			2.70 H	146	62.6	39.4
2	*5240.00	92.1 AV			2.70 H	146	52.7	39.4
3	5350.00	55.2 PK	74.0	-18.8	2.59 H	155	51.2	4.0
4	5350.00	42.5 AV	54.0	-11.5	2.59 H	155	38.5	4.0
5	#10480.00	58.7 PK	74.0	-15.3	2.89 H	199	42.0	16.7
6	#10480.00	45.0 AV	54.0	-9.0	2.89 H	199	28.3	16.7
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

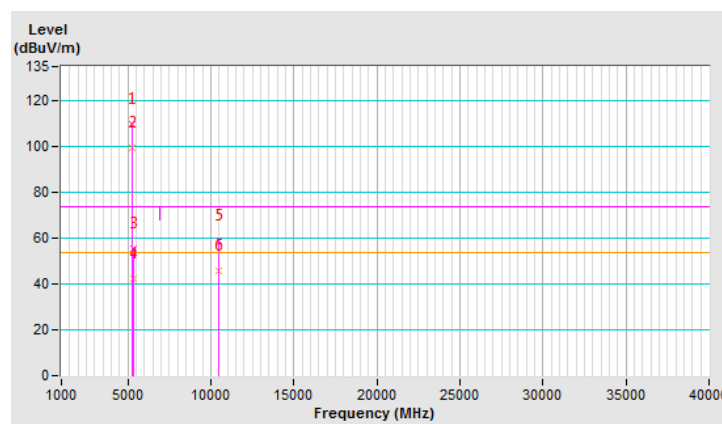


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	109.8 PK			2.22 V	223	70.4	39.4
2	*5240.00	99.4 AV			2.22 V	223	60.0	39.4
3	5350.00	55.7 PK	74.0	-18.3	2.31 V	232	51.7	4.0
4	5350.00	42.6 AV	54.0	-11.4	2.31 V	232	38.6	4.0
5	#10480.00	58.8 PK	74.0	-15.2	2.15 V	197	42.1	16.7
6	#10480.00	45.6 AV	54.0	-8.4	2.15 V	197	28.9	16.7
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

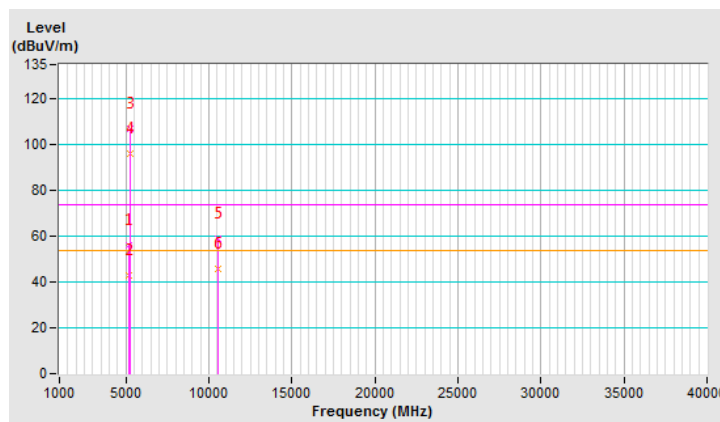


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.0 PK	74.0	-18.0	2.80 H	205	52.1	3.9
2	5150.00	42.8 AV	54.0	-11.2	2.80 H	205	38.9	3.9
3	*5260.00	106.7 PK			2.70 H	194	67.3	39.4
4	*5260.00	96.3 AV			2.70 H	194	56.9	39.4
5	#10520.00	58.8 PK	74.0	-15.2	3.06 H	225	42.0	16.8
6	#10520.00	45.5 AV	54.0	-8.5	3.06 H	225	28.7	16.8
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

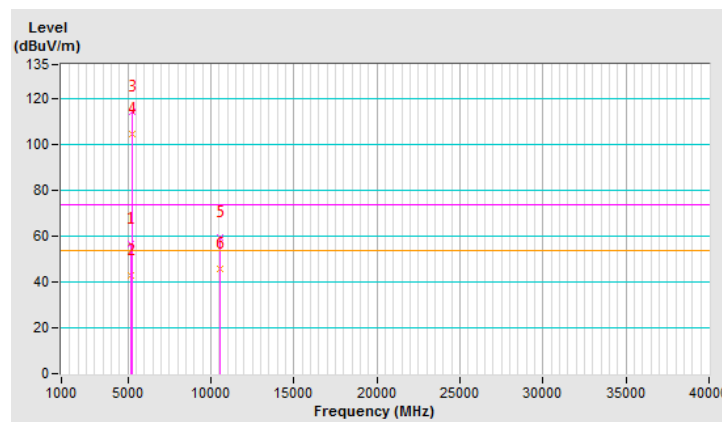


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.5 PK	74.0	-17.5	2.69 V	161	52.6	3.9
2	5150.00	42.9 AV	54.0	-11.1	2.69 V	161	39.0	3.9
3	*5260.00	114.4 PK			2.78 V	159	75.0	39.4
4	*5260.00	104.5 AV			2.78 V	159	65.1	39.4
5	#10520.00	59.3 PK	74.0	-14.7	2.44 V	193	42.5	16.8
6	#10520.00	45.7 AV	54.0	-8.3	2.44 V	193	28.9	16.8
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

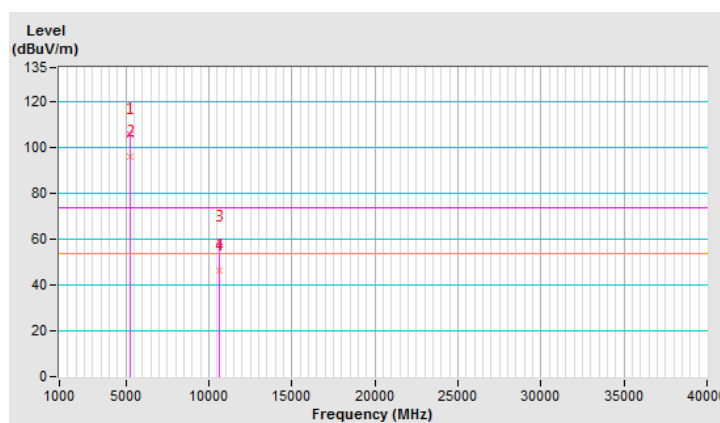


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	105.7 PK			2.72 H	143	66.3	39.4
2	*5300.00	96.2 AV			2.72 H	143	56.8	39.4
3	10600.00	59.0 PK	74.0	-15.0	2.93 H	229	42.0	17.0
4	10600.00	46.2 AV	54.0	-7.8	2.93 H	229	29.2	17.0
	15900.00	-	-	-	-	-	-	-
	21200.00	-	-	-	-	-	-	-
	26500.00	-	-	-	-	-	-	-
	31800.00	-	-	-	-	-	-	-
	37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

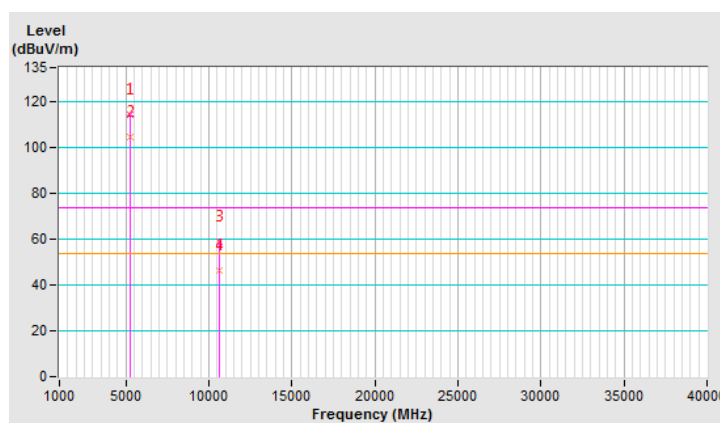


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	114.3 PK			2.65 V	223	74.9	39.4
2	*5300.00	104.4 AV			2.65 V	223	65.0	39.4
3	10600.00	59.1 PK	74.0	-14.9	2.37 V	188	42.1	17.0
4	10600.00	46.3 AV	54.0	-7.7	2.37 V	188	29.3	17.0
	15900.00	-	-	-	-	-	-	-
	21200.00	-	-	-	-	-	-	-
	26500.00	-	-	-	-	-	-	-
	31800.00	-	-	-	-	-	-	-
	37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

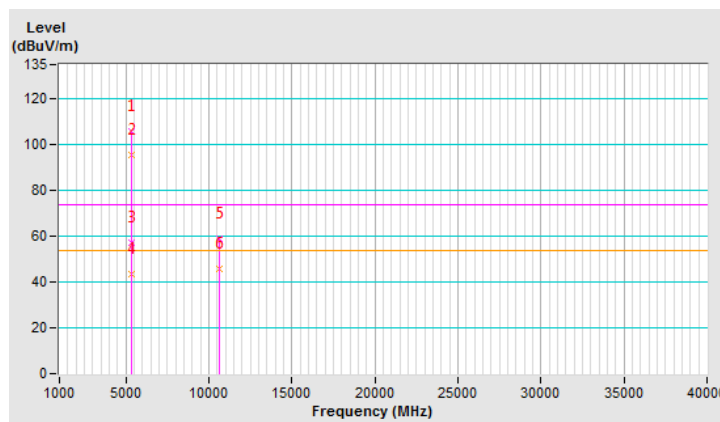


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	105.7 PK			2.61 H	193	66.2	39.5
2	*5320.00	95.7 AV			2.61 H	193	56.2	39.5
3	5350.00	57.0 PK	74.0	-17.0	2.80 H	180	53.0	4.0
4	5350.00	43.4 AV	54.0	-10.6	2.80 H	180	39.4	4.0
5	10640.00	59.2 PK	74.0	-14.8	2.87 H	203	42.2	17.0
6	10640.00	45.9 AV	54.0	-8.1	2.87 H	203	28.9	17.0
	15960.00	-	-	-	-	-	-	-
	21280.00	-	-	-	-	-	-	-
	26600.00	-	-	-	-	-	-	-
	31920.00	-	-	-	-	-	-	-
	37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

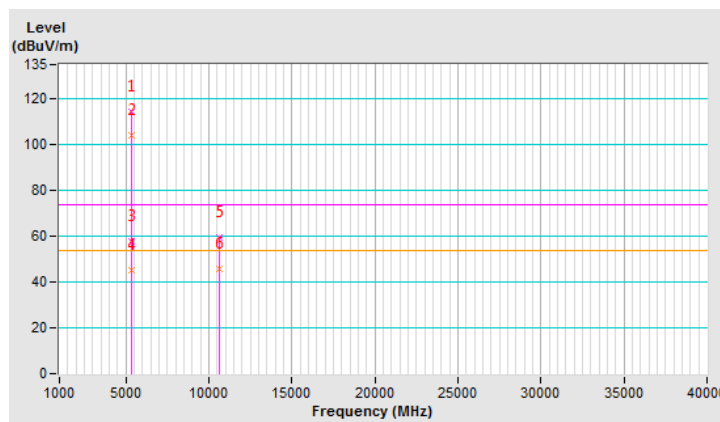


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	114.2 PK			2.64 V	158	74.7	39.5
2	*5320.00	104.1 AV			2.64 V	158	64.6	39.5
3	5350.00	57.9 PK	74.0	-16.1	2.71 V	161	53.9	4.0
4	5350.00	45.2 AV	54.0	-8.8	2.71 V	161	41.2	4.0
5	10640.00	59.3 PK	74.0	-14.7	2.29 V	197	42.3	17.0
6	10640.00	45.8 AV	54.0	-8.2	2.29 V	197	28.8	17.0
	15960.00	-	-	-	-	-	-	-
	21280.00	-	-	-	-	-	-	-
	26600.00	-	-	-	-	-	-	-
	31920.00	-	-	-	-	-	-	-
	37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

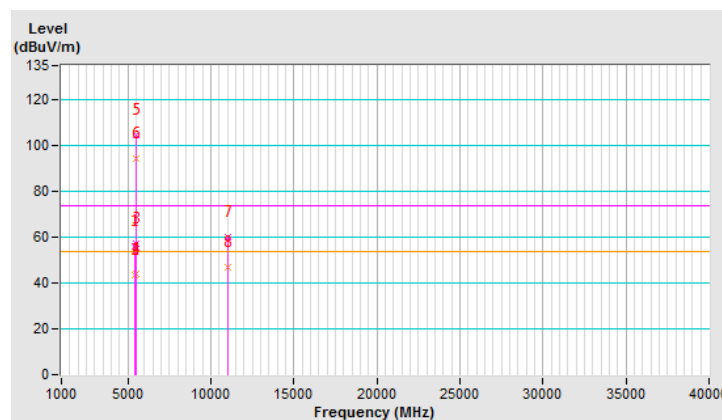


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.9 PK	74.0	-18.1	2.29 H	180	51.5	4.4
2	5460.00	43.4 AV	54.0	-10.6	2.29 H	180	39.0	4.4
3	#5470.00	57.1 PK	74.0	-16.9	2.55 H	189	52.7	4.4
4	#5470.00	44.1 AV	54.0	-9.9	2.55 H	189	39.7	4.4
5	*5500.00	104.9 PK			2.45 H	193	64.8	40.1
6	*5500.00	94.6 AV			2.45 H	193	54.5	40.1
7	11000.00	60.2 PK	74.0	-13.8	2.88 H	236	41.5	18.7
8	11000.00	46.9 AV	54.0	-7.1	2.88 H	236	28.2	18.7
	16500.00	-	-	-	-	-	-	-
	27500.00	-	-	-	-	-	-	-
	33000.00	-	-	-	-	-	-	-
	38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

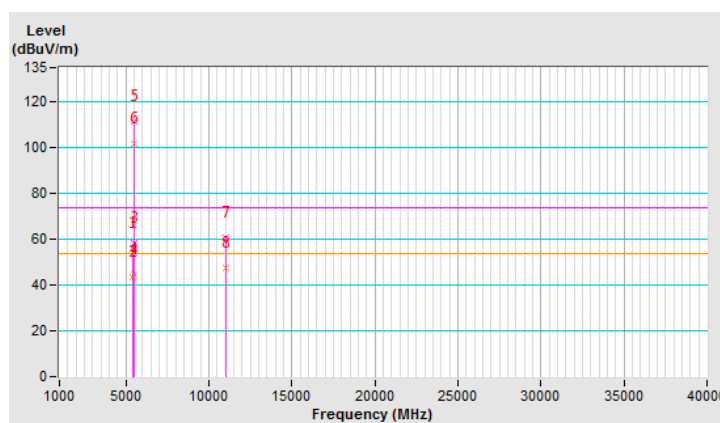


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	56.3 PK	74.0	-17.7	2.87 V	170	51.9	4.4
2	5460.00	43.7 AV	54.0	-10.3	2.87 V	170	39.3	4.4
3	#5470.00	58.3 PK	74.0	-15.7	2.99 V	163	53.9	4.4
4	#5470.00	44.7 AV	54.0	-9.3	2.99 V	163	40.3	4.4
5	*5500.00	111.7 PK			2.75 V	178	71.6	40.1
6	*5500.00	101.9 AV			2.75 V	178	61.8	40.1
7	11000.00	60.5 PK	74.0	-13.5	2.39 V	216	41.8	18.7
8	11000.00	47.2 AV	54.0	-6.8	2.39 V	216	28.5	18.7
	16500.00	-	-	-	-	-	-	-
	22000.00	-	-	-	-	-	-	-
	27500.00	-	-	-	-	-	-	-
	33000.00	-	-	-	-	-	-	-
	38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

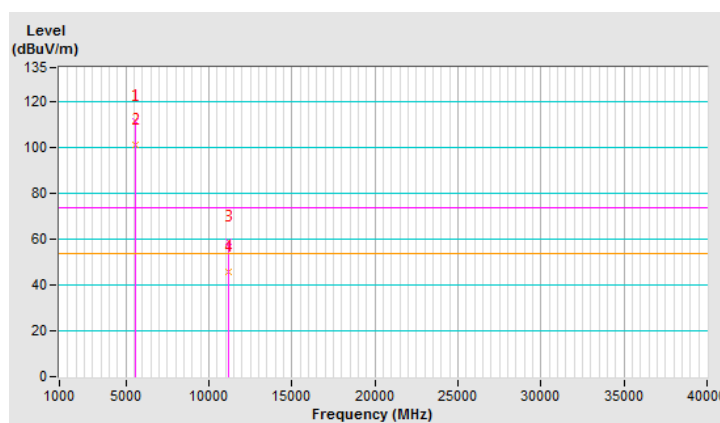


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	111.6 PK			2.51 H	186	107.2	4.4
2	*5580.00	101.2 AV			2.51 H	186	96.8	4.4
3	11160.00	59.0 PK	74.0	-15.0	2.89 H	251	41.5	17.5
4	11160.00	45.6 AV	54.0	-8.4	2.89 H	251	28.1	17.5
	16740.00	-	-	-	-	-	-	-
	22320.00	-	-	-	-	-	-	-
	27900.00	-	-	-	-	-	-	-
	33480.00	-	-	-	-	-	-	-
	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

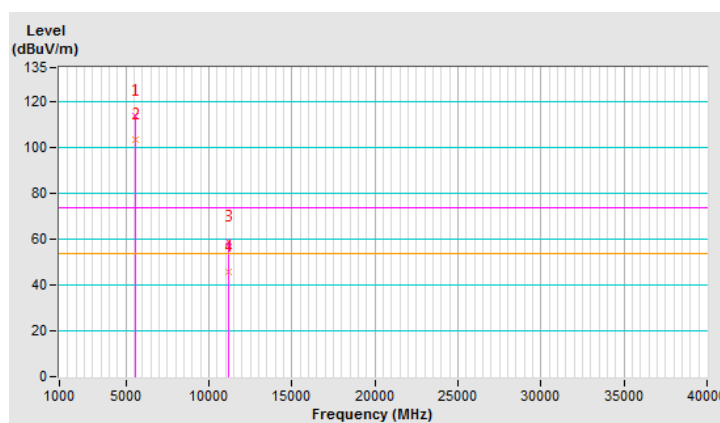


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	114.1 PK			2.40 V	183	74.1	40.0
2	*5580.00	103.8 AV			2.40 V	183	63.8	40.0
3	11160.00	59.1 PK	74.0	-14.9	2.86 V	224	41.6	17.5
4	11160.00	46.0 AV	54.0	-8.0	2.86 V	224	28.5	17.5
	16740.00	-	-	-	-	-	-	-
	22320.00	-	-	-	-	-	-	-
	27900.00	-	-	-	-	-	-	-
	33480.00	-	-	-	-	-	-	-
	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

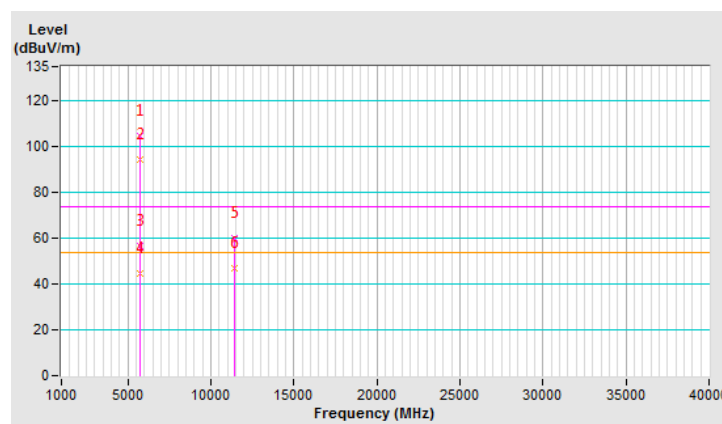


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	104.4 PK			2.61 H	188	64.4	40.0
2	*5700.00	94.5 AV			2.61 H	188	54.5	40.0
3	#5725.00	56.5 PK	74.0	-17.5	2.54 H	191	52.1	4.4
4	#5725.00	44.9 AV	54.0	-9.1	2.54 H	191	40.5	4.4
5	11400.00	60.1 PK	74.0	-13.9	3.09 H	222	42.7	17.4
6	11400.00	46.8 AV	54.0	-7.2	3.09 H	222	29.4	17.4
	17100.00	-	-	-	-	-	-	-
	22800.00	-	-	-	-	-	-	-
	28500.00	-	-	-	-	-	-	-
	34200.00	-	-	-	-	-	-	-
	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

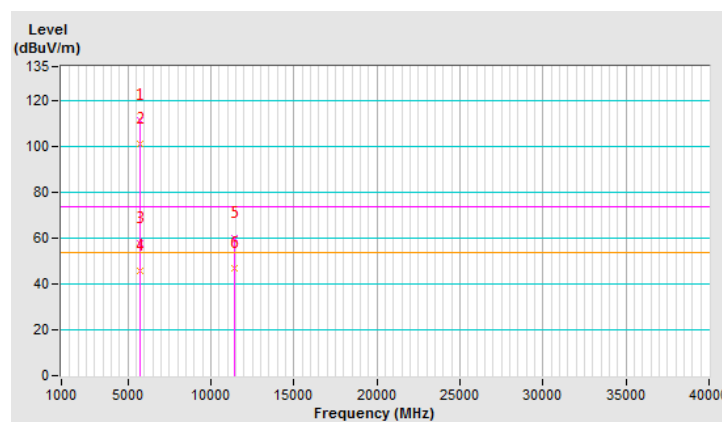


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.4 PK			2.75 V	340	71.4	40.0
2	*5700.00	101.3 AV			2.75 V	340	61.3	40.0
3	#5725.00	57.9 PK	74.0	-16.1	2.48 V	345	53.5	4.4
4	#5725.00	45.7 AV	54.0	-8.3	2.48 V	345	41.3	4.4
5	11400.00	60.3 PK	74.0	-13.7	2.19 V	239	42.9	17.4
6	11400.00	47.1 AV	54.0	-6.9	2.19 V	239	29.7	17.4
	17100.00	-	-	-	-	-	-	-
	22800.00	-	-	-	-	-	-	-
	28500.00	-	-	-	-	-	-	-
	34200.00	-	-	-	-	-	-	-
	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

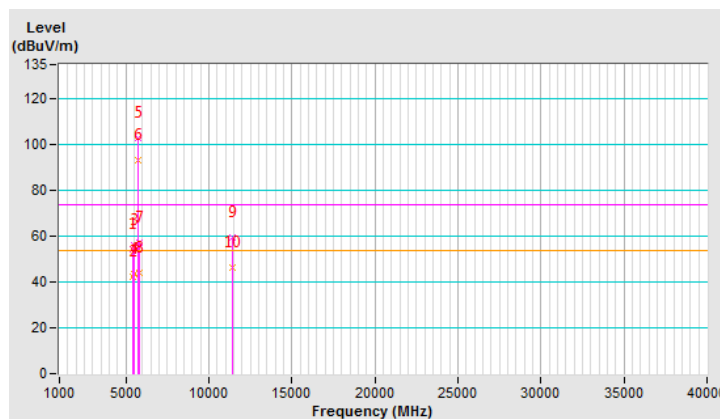


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144 : 5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 13 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	54.6 PK	74.0	-19.4	2.51 H	199	50.2	4.4
2	5460.00	42.5 AV	54.0	-11.5	2.51 H	199	38.1	4.4
3	#5470.00	55.9 PK	74.0	-18.1	2.49 H	190	51.5	4.4
4	#5470.00	43.5 AV	54.0	-10.5	2.49 H	190	39.1	4.4
5	*5720.00	103.2 PK			2.40 H	193	63.2	40.0
6	*5720.00	93.0 AV			2.40 H	193	53.0	40.0
7	#5825.00	57.1 PK	74.0	-16.9	2.60 H	201	52.3	4.8
8	#5825.00	44.3 AV	54.0	-9.7	2.60 H	201	39.5	4.8
9	11440.00	59.5 PK	74.0	-14.5	2.97 H	263	41.9	17.6
10	11440.00	46.4 AV	54.0	-7.6	2.97 H	263	28.8	17.6
	17160.00	-	-	-	-	-	-	-
	22880.00	-	-	-	-	-	-	-
	28600.00	-	-	-	-	-	-	-
	34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

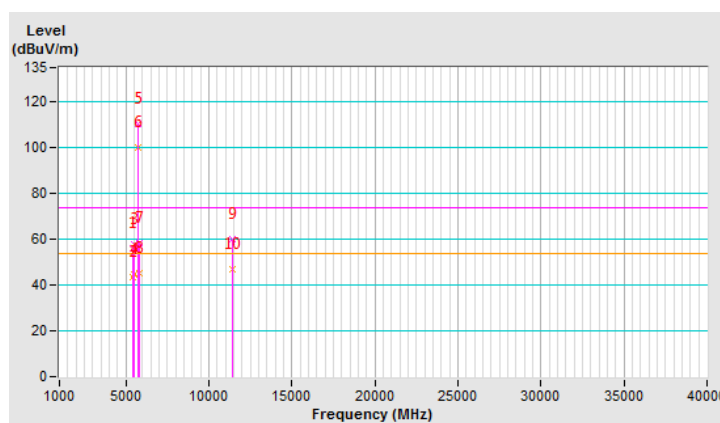


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144：5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	56.2 PK	74.0	-17.8	2.77 V	299	51.8	4.4
2	5460.00	43.6 AV	54.0	-10.4	2.77 V	299	39.2	4.4
3	#5470.00	57.6 PK	74.0	-16.4	2.87 V	274	53.2	4.4
4	#5470.00	44.4 AV	54.0	-9.6	2.87 V	274	40.0	4.4
5	*5720.00	110.2 PK			2.68 V	303	70.2	40.0
6	*5720.00	100.0 AV			2.68 V	303	60.0	40.0
7	#5825.00	58.2 PK	74.0	-15.8	3.07 V	244	53.4	4.8
8	#5825.00	45.1 AV	54.0	-8.9	3.07 V	244	40.3	4.8
9	11440.00	59.8 PK	74.0	-14.2	2.73 V	222	42.2	17.6
10	11440.00	46.8 AV	54.0	-7.2	2.73 V	222	29.2	17.6
	17160.00	-	-	-	-	-	-	-
	22880.00	-	-	-	-	-	-	-
	28600.00	-	-	-	-	-	-	-
	34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

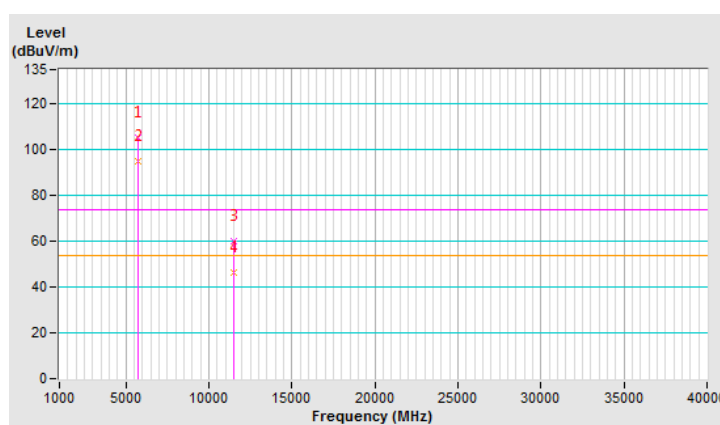


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	105.1 PK			1.30 H	234	65.0	40.1
2	*5745.00	94.7 AV			1.30 H	234	54.6	40.1
3	11490.00	59.9 PK	74.0	-14.1	2.85 H	163	42.3	17.6
4	11490.00	46.6 AV	54.0	-7.4	2.85 H	163	29.0	17.6
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

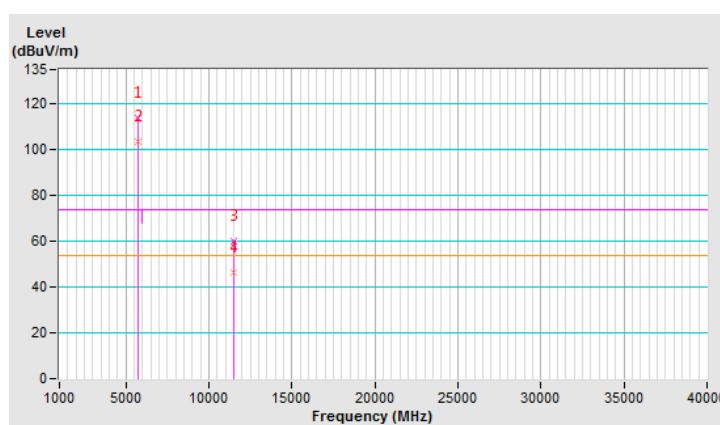


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	114.1 PK			2.73 V	336	74.0	40.1
2	*5745.00	103.7 AV			2.73 V	336	63.6	40.1
3	11490.00	60.1 PK	74.0	-13.9	1.83 V	261	42.5	17.6
4	11490.00	46.5 AV	54.0	-7.5	1.83 V	261	28.9	17.6
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

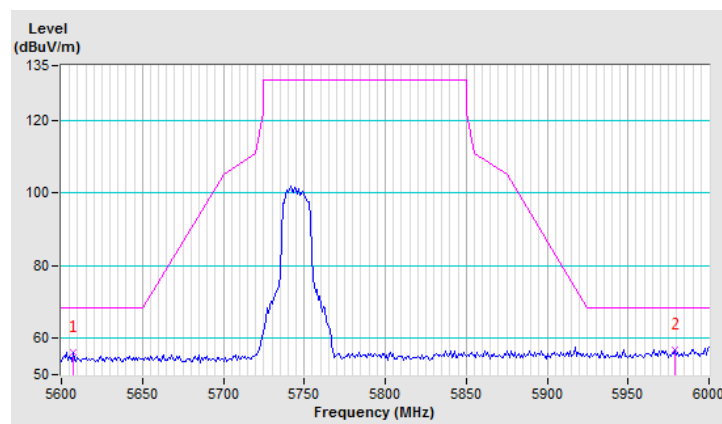


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149 : 5745 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5607.20	56.0 PK	68.2	-12.2	1.30 H	234	51.5	4.5
2	#5979.20	57.0 PK	68.2	-11.2	1.30 H	234	51.7	5.3

Remarks:

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

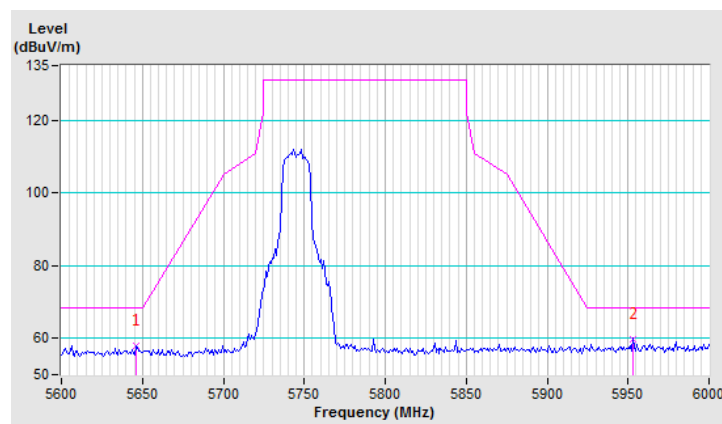


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149 : 5745 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.40	58.1 PK	68.2	-10.1	2.73 V	336	53.5	4.6
2	#5952.80	59.9 PK	68.2	-8.3	2.73 V	336	54.7	5.2

Remarks:

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

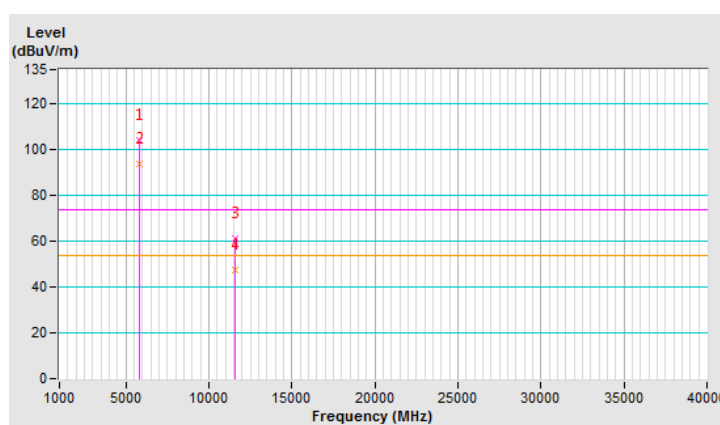


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157：5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	104.3 PK			1.30 H	233	64.0	40.3
2	*5785.00	94.0 AV			1.30 H	233	53.7	40.3
3	11570.00	61.3 PK	74.0	-12.7	2.63 H	147	43.4	17.9
4	11570.00	47.2 AV	54.0	-6.8	2.63 H	147	29.3	17.9
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

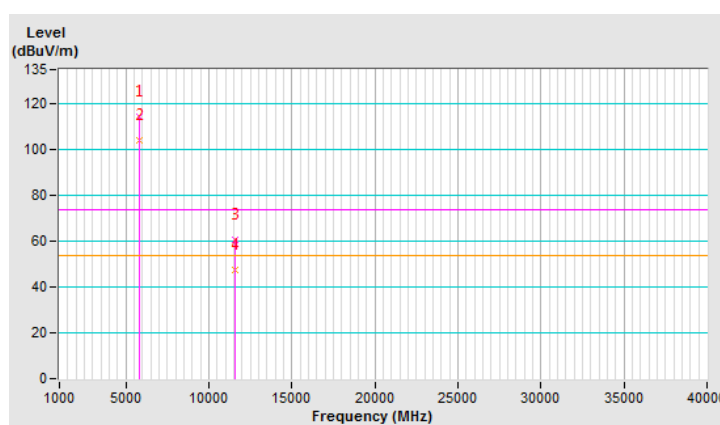


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157：5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	114.3 PK			2.46 V	336	74.0	40.3
2	*5785.00	103.9 AV			2.46 V	336	63.6	40.3
3	11570.00	60.9 PK	74.0	-13.1	1.88 V	231	43.0	17.9
4	11570.00	47.3 AV	54.0	-6.7	1.88 V	231	29.4	17.9
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

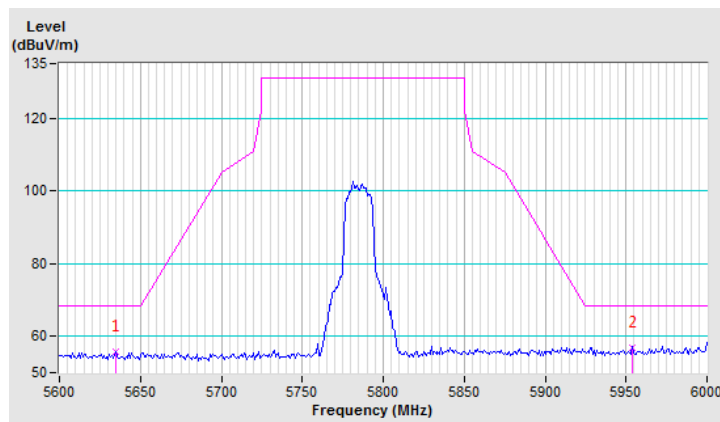


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.20	55.9 PK	68.2	-12.3	1.30 H	233	51.4	4.5
2	#5953.60	57.0 PK	68.2	-11.2	1.30 H	233	51.8	5.2

Remarks:

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

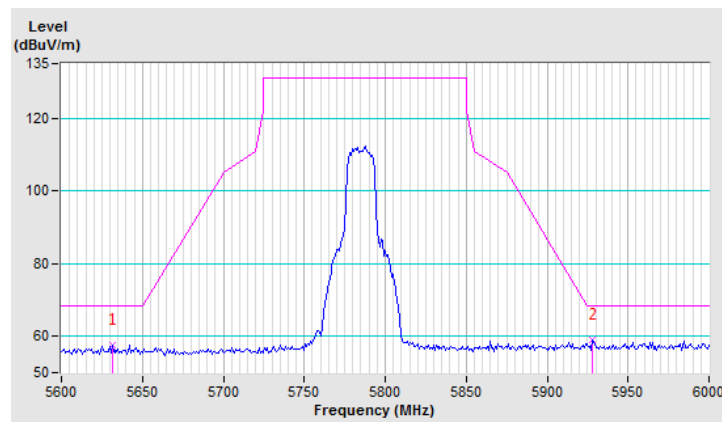


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5631.20	57.6 PK	68.2	-10.6	2.46 V	336	53.1	4.5
2	#5928.00	59.1 PK	68.2	-9.1	2.46 V	336	53.9	5.2

Remarks:

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

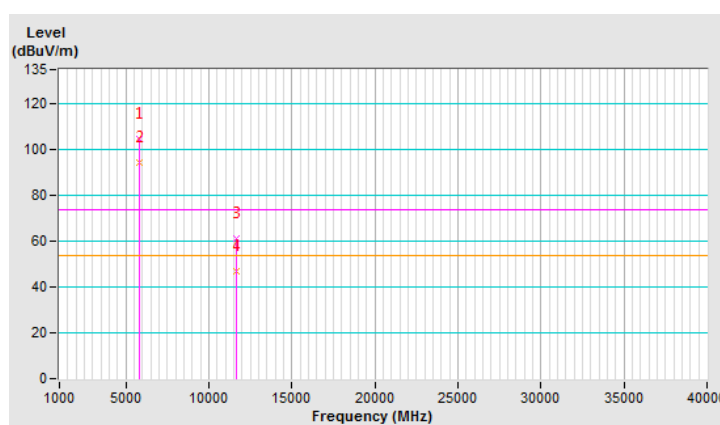


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	104.7 PK			1.26 H	232	64.2	40.5
2	*5825.00	94.4 AV			1.26 H	232	53.9	40.5
3	11650.00	61.2 PK	74.0	-12.8	2.98 H	182	43.7	17.5
4	11650.00	46.7 AV	54.0	-7.3	2.98 H	182	29.2	17.5
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

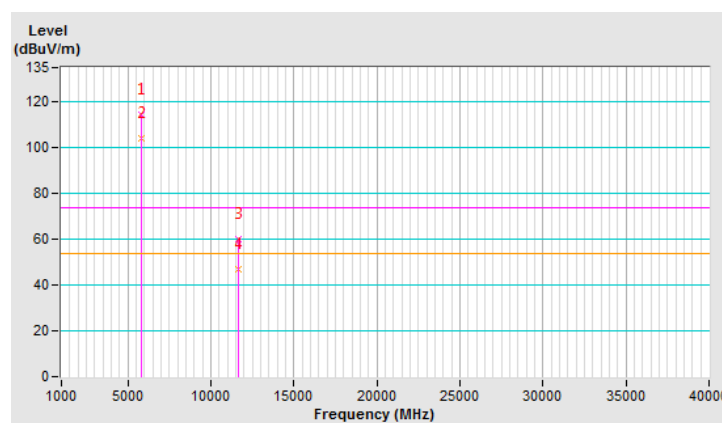


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	114.6 PK			2.66 V	330	74.1	40.5
2	*5825.00	104.2 AV			2.66 V	330	63.7	40.5
3	11650.00	60.3 PK	74.0	-13.7	1.96 V	278	42.8	17.5
4	11650.00	47.0 AV	54.0	-7.0	1.96 V	278	29.5	17.5
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

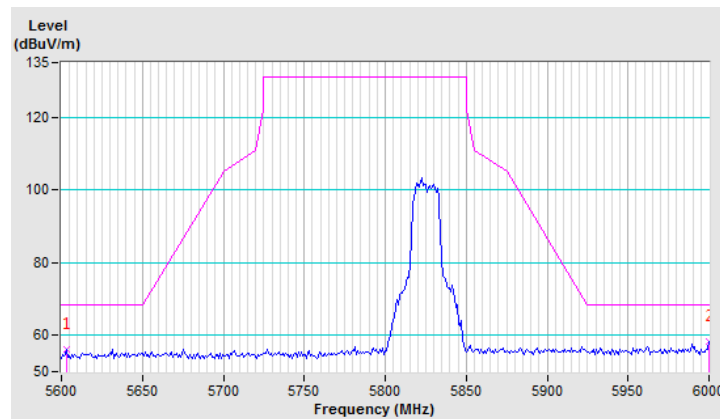


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5603.20	56.2 PK	68.2	-12.0	1.26 H	232	51.7	4.5
2	#6000.00	58.2 PK	68.2	-10.0	1.26 H	232	52.9	5.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

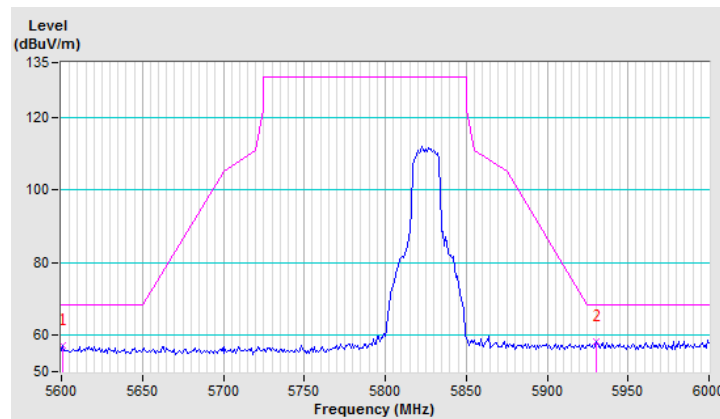


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5600.80	57.2 PK	68.2	-11.0	2.66 V	330	52.7	4.5
2	#5930.40	58.4 PK	68.2	-9.8	2.66 V	330	53.2	5.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)



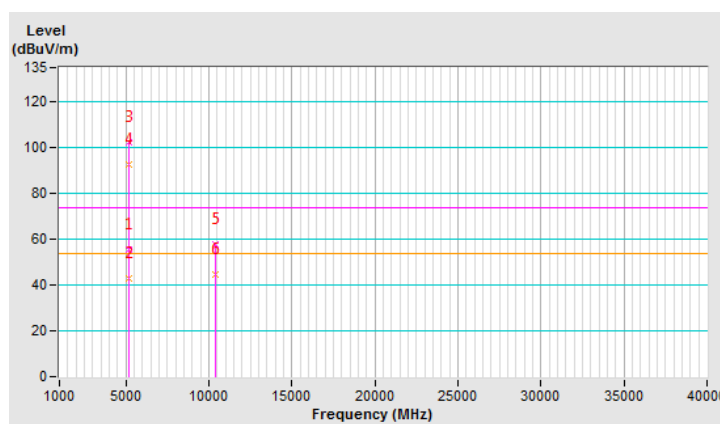
802.11n (HT20)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	55.5 PK	74.0	-18.5	2.53 H	187	51.6	3.9
2	5150.00	42.7 AV	54.0	-11.3	2.53 H	187	38.8	3.9
3	*5180.00	102.6 PK			2.67 H	190	63.0	39.6
4	*5180.00	92.6 AV			2.67 H	190	53.0	39.6
5	#10360.00	57.9 PK	74.0	-16.1	2.36 H	205	42.1	15.8
6	#10360.00	44.4 AV	54.0	-9.6	2.36 H	205	28.6	15.8
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level - Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

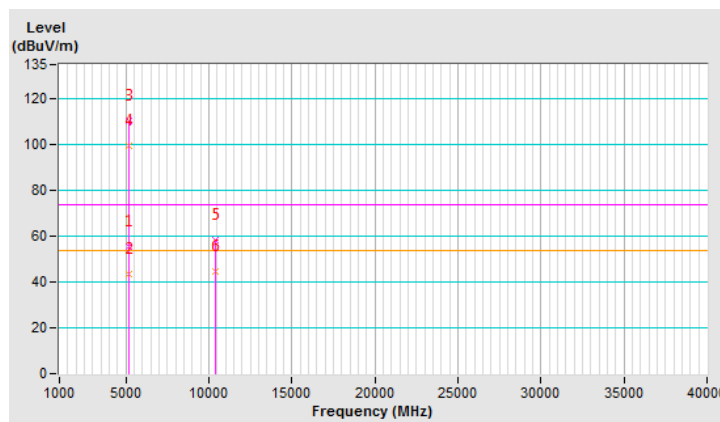


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	55.7 PK	74.0	-18.3	2.54 V	216	51.8	3.9
2	5150.00	43.2 AV	54.0	-10.8	2.54 V	216	39.3	3.9
3	*5180.00	110.3 PK			2.14 V	258	70.7	39.6
4	*5180.00	99.5 AV			2.14 V	258	59.9	39.6
5	#10360.00	58.1 PK	74.0	-15.9	2.13 V	187	42.3	15.8
6	#10360.00	44.8 AV	54.0	-9.2	2.13 V	187	29.0	15.8
	15540.00	-	-	-	-	-	-	-
	20720.00	-	-	-	-	-	-	-
	25900.00	-	-	-	-	-	-	-
	31080.00	-	-	-	-	-	-	-
	36260.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

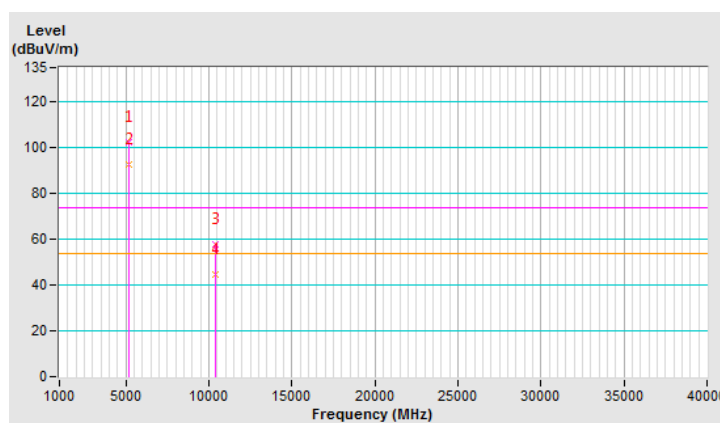


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	102.4 PK			2.72 H	144	62.8	39.6
2	*5200.00	92.4 AV			2.72 H	144	52.8	39.6
3	#10400.00	57.8 PK	74.0	-16.2	2.18 H	192	41.9	15.9
4	#10400.00	44.6 AV	54.0	-9.4	2.18 H	192	28.7	15.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

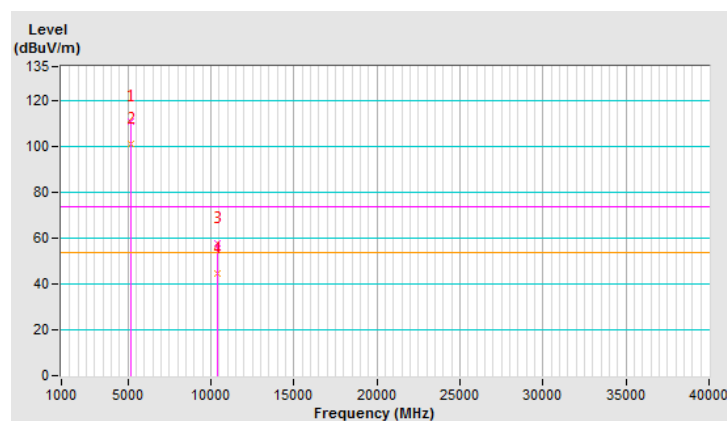


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	110.9 PK			2.80 V	162	71.3	39.6
2	*5200.00	101.2 AV			2.80 V	162	61.6	39.6
3	#10400.00	58.0 PK	74.0	-16.0	2.29 V	210	42.1	15.9
4	#10400.00	44.9 AV	54.0	-9.1	2.29 V	210	29.0	15.9
	15600.00	-	-	-	-	-	-	-
	20800.00	-	-	-	-	-	-	-
	26000.00	-	-	-	-	-	-	-
	31200.00	-	-	-	-	-	-	-
	36400.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

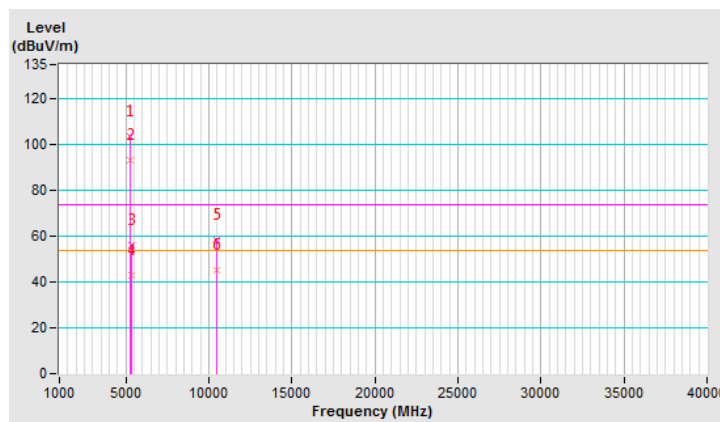


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	103.5 PK			2.76 H	193	64.1	39.4
2	*5240.00	93.0 AV			2.76 H	193	53.6	39.4
3	5350.00	56.2 PK	74.0	-17.8	2.66 H	188	52.2	4.0
4	5350.00	42.8 AV	54.0	-11.2	2.66 H	188	38.8	4.0
5	#10480.00	58.4 PK	74.0	-15.6	2.65 H	189	41.7	16.7
6	#10480.00	45.3 AV	54.0	-8.7	2.65 H	189	28.6	16.7
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

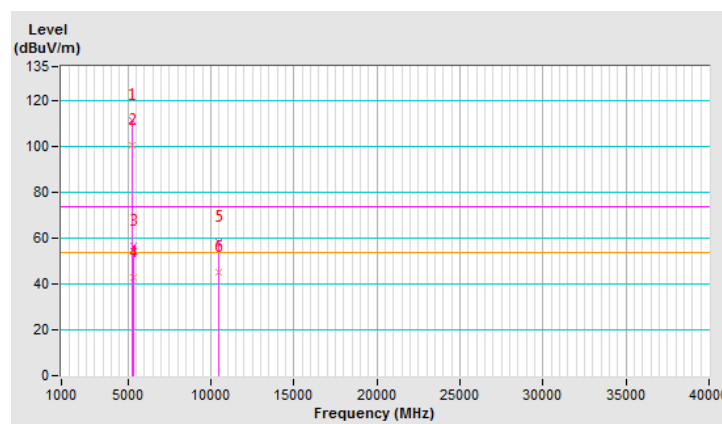


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	111.4 PK			2.77 V	170	72.0	39.4
2	*5240.00	100.9 AV			2.77 V	170	61.5	39.4
3	5350.00	56.4 PK	74.0	-17.6	2.62 V	184	52.4	4.0
4	5350.00	42.9 AV	54.0	-11.1	2.62 V	184	38.9	4.0
5	#10480.00	58.6 PK	74.0	-15.4	1.92 V	203	41.9	16.7
6	#10480.00	45.3 AV	54.0	-8.7	1.92 V	203	28.6	16.7
	15720.00	-	-	-	-	-	-	-
	20960.00	-	-	-	-	-	-	-
	26200.00	-	-	-	-	-	-	-
	31440.00	-	-	-	-	-	-	-
	36680.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

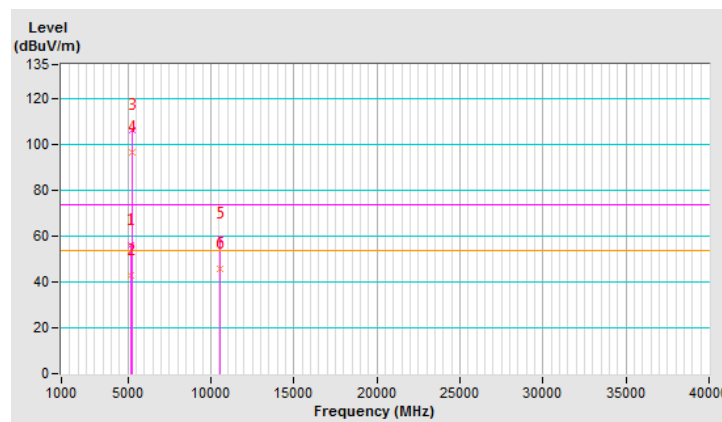


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.0 PK	74.0	-18.0	2.67 H	168	52.1	3.9
2	5150.00	42.9 AV	54.0	-11.1	2.67 H	168	39.0	3.9
3	*5260.00	106.6 PK			2.82 H	143	67.2	39.4
4	*5260.00	96.9 AV			2.82 H	143	57.5	39.4
5	#10520.00	58.7 PK	74.0	-15.3	2.99 H	219	41.9	16.8
6	#10520.00	45.5 AV	54.0	-8.5	2.99 H	219	28.7	16.8
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

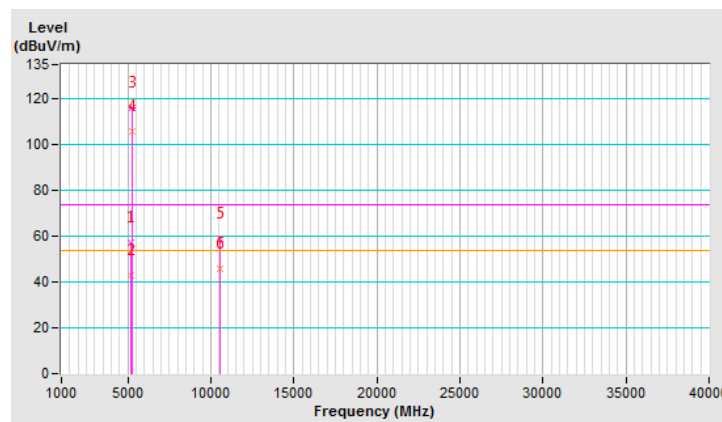


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	57.0 PK	74.0	-17.0	2.68 V	172	53.1	3.9
2	5150.00	42.9 AV	54.0	-11.1	2.68 V	172	39.0	3.9
3	*5260.00	116.1 PK			2.72 V	170	76.7	39.4
4	*5260.00	105.8 AV			2.72 V	170	66.4	39.4
5	#10520.00	59.0 PK	74.0	-15.0	2.40 V	205	42.2	16.8
6	#10520.00	45.7 AV	54.0	-8.3	2.40 V	205	28.9	16.8
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

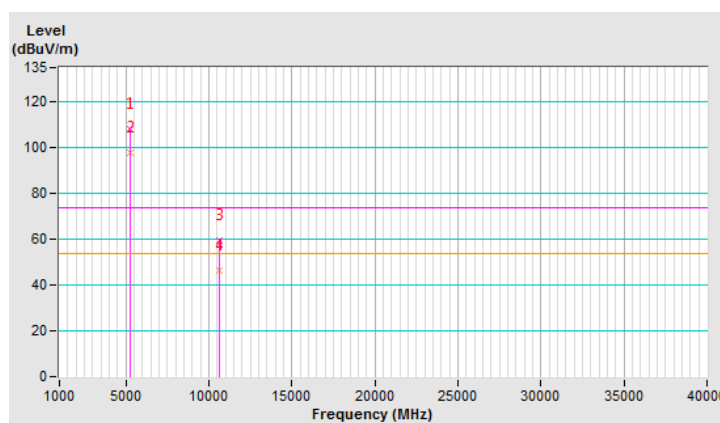


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	108.1 PK			2.66 H	193	68.7	39.4
2	*5300.00	97.7 AV			2.66 H	193	58.3	39.4
3	10600.00	59.3 PK	74.0	-14.7	2.97 H	199	42.3	17.0
4	10600.00	46.1 AV	54.0	-7.9	2.97 H	199	29.1	17.0
	15900.00	-	-	-	-	-	-	-
	21200.00	-	-	-	-	-	-	-
	26500.00	-	-	-	-	-	-	-
	31800.00	-	-	-	-	-	-	-
	37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

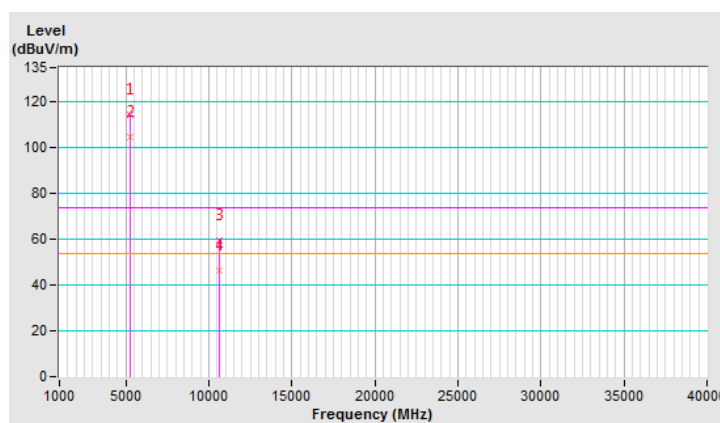


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	114.4 PK			2.40 V	145	75.0	39.4
2	*5300.00	104.7 AV			2.40 V	145	65.3	39.4
3	10600.00	59.6 PK	74.0	-14.4	2.29 V	191	42.6	17.0
4	10600.00	46.5 AV	54.0	-7.5	2.29 V	191	29.5	17.0
	15900.00	-	-	-	-	-	-	-
	21200.00	-	-	-	-	-	-	-
	26500.00	-	-	-	-	-	-	-
	31800.00	-	-	-	-	-	-	-
	37100.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

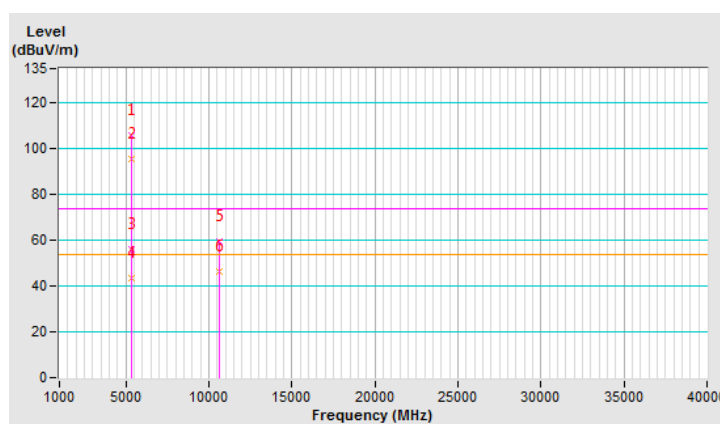


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	106.1 PK			2.64 H	146	66.6	39.5
2	*5320.00	95.7 AV			2.64 H	146	56.2	39.5
3	5350.00	56.2 PK	74.0	-17.8	1.51 H	161	52.2	4.0
4	5350.00	43.7 AV	54.0	-10.3	1.51 H	161	39.7	4.0
5	10640.00	59.7 PK	74.0	-14.3	2.91 H	218	42.7	17.0
6	10640.00	46.2 AV	54.0	-7.8	2.91 H	218	29.2	17.0
	15960.00	-	-	-	-	-	-	-
	21280.00	-	-	-	-	-	-	-
	26600.00	-	-	-	-	-	-	-
	31920.00	-	-	-	-	-	-	-
	37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

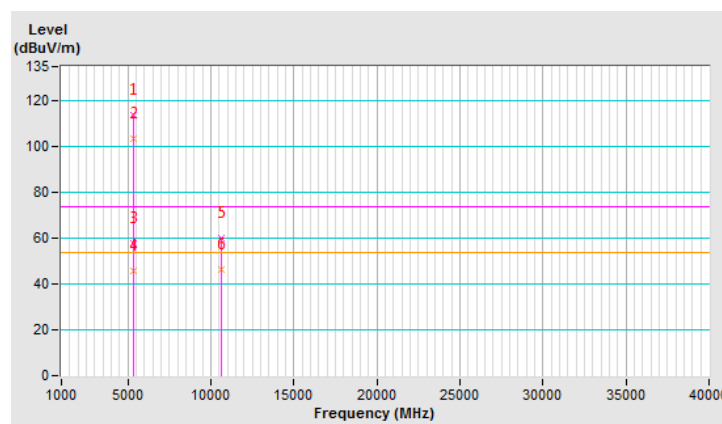


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	114.1 PK			2.64 V	156	74.6	39.5
2	*5320.00	103.6 AV			2.64 V	156	64.1	39.5
3	5350.00	57.8 PK	74.0	-16.2	2.76 V	164	53.8	4.0
4	5350.00	45.5 AV	54.0	-8.5	2.76 V	164	41.5	4.0
5	10640.00	59.8 PK	74.0	-14.2	2.19 V	203	42.8	17.0
6	10640.00	46.4 AV	54.0	-7.6	2.19 V	203	29.4	17.0
	15960.00	-	-	-	-	-	-	-
	21280.00	-	-	-	-	-	-	-
	26600.00	-	-	-	-	-	-	-
	31920.00	-	-	-	-	-	-	-
	37240.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

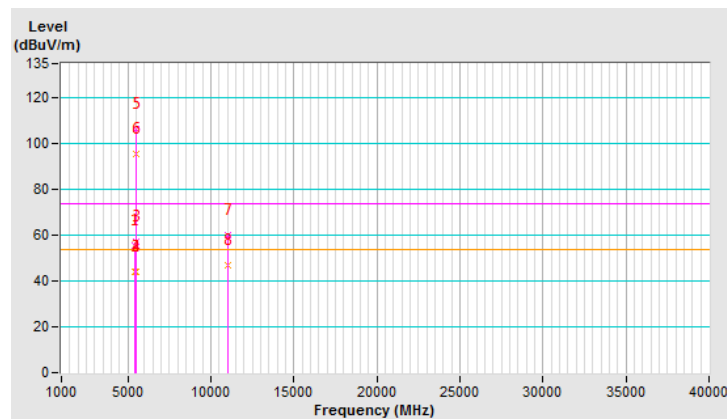


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.5 PK	74.0	-18.5	2.54 H	166	51.1	4.4
2	5460.00	43.8 AV	54.0	-10.2	2.54 H	166	39.4	4.4
3	#5470.00	57.4 PK	74.0	-16.6	2.55 H	176	53.0	4.4
4	#5470.00	43.8 AV	54.0	-10.2	2.55 H	176	39.4	4.4
5	*5500.00	106.2 PK			2.33 H	149	66.1	40.1
6	*5500.00	95.7 AV			2.33 H	149	55.6	40.1
7	11000.00	60.2 PK	74.0	-13.8	2.99 H	254	41.5	18.7
8	11000.00	46.8 AV	54.0	-7.2	2.99 H	254	28.1	18.7
	16500.00	-	-	-	-	-	-	-
	22000.00	-	-	-	-	-	-	-
	27500.00	-	-	-	-	-	-	-
	33000.00	-	-	-	-	-	-	-
	38500.00	-	-	-	-	-	-	-

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 peak output power (see LP0002 4.7.3)

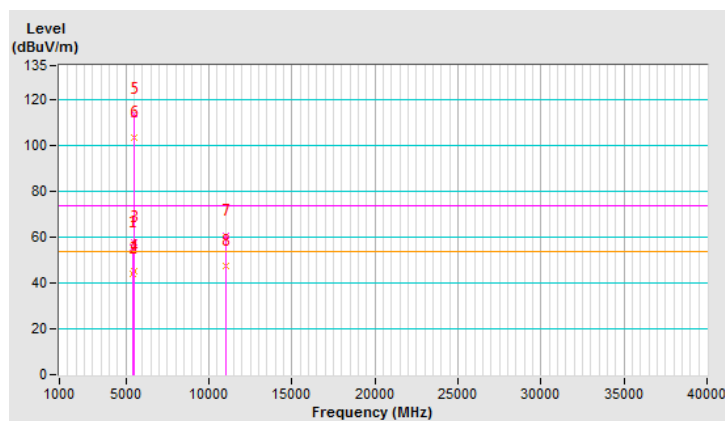


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.7 PK	74.0	-18.3	2.44 V	181	51.3	4.4
2	5460.00	44.1 AV	54.0	-9.9	2.44 V	181	39.7	4.4
3	#5470.00	57.9 PK	74.0	-16.1	2.61 V	177	53.5	4.4
4	#5470.00	45.1 AV	54.0	-8.9	2.61 V	177	40.7	4.4
5	*5500.00	113.9 PK			2.56 V	182	73.8	40.1
6	*5500.00	103.8 AV			2.56 V	182	63.7	40.1
7	11000.00	60.8 PK	74.0	-13.2	1.99 V	236	42.1	18.7
8	11000.00	47.2 AV	54.0	-6.8	1.99 V	236	28.5	18.7
	16500.00	-	-	-	-	-	-	-
	22000.00	-	-	-	-	-	-	-
	27500.00	-	-	-	-	-	-	-
	33000.00	-	-	-	-	-	-	-
	38500.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

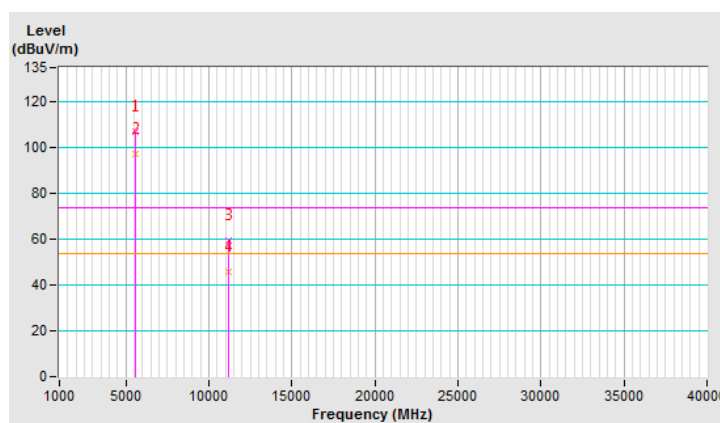


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	107.1 PK			2.61 H	181	67.1	40.0
2	*5580.00	97.0 AV			2.61 H	181	57.0	40.0
3	11160.00	59.3 PK	74.0	-14.7	3.10 H	255	41.8	17.5
4	11160.00	45.9 AV	54.0	-8.1	3.10 H	255	28.4	17.5
	16740.00	-	-	-	-	-	-	-
	22320.00	-	-	-	-	-	-	-
	27900.00	-	-	-	-	-	-	-
	33480.00	-	-	-	-	-	-	-
	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

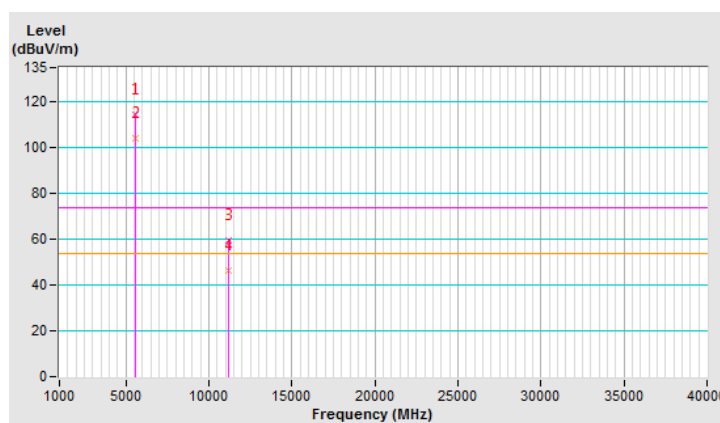


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	114.3 PK			2.51 V	182	74.3	40.0
2	*5580.00	104.3 AV			2.51 V	182	64.3	40.0
3	11160.00	59.7 PK	74.0	-14.3	2.18 V	234	42.2	17.5
4	11160.00	46.1 AV	54.0	-7.9	2.18 V	234	28.6	17.5
	16740.00	-	-	-	-	-	-	-
	22320.00	-	-	-	-	-	-	-
	27900.00	-	-	-	-	-	-	-
	33480.00	-	-	-	-	-	-	-
	39060.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

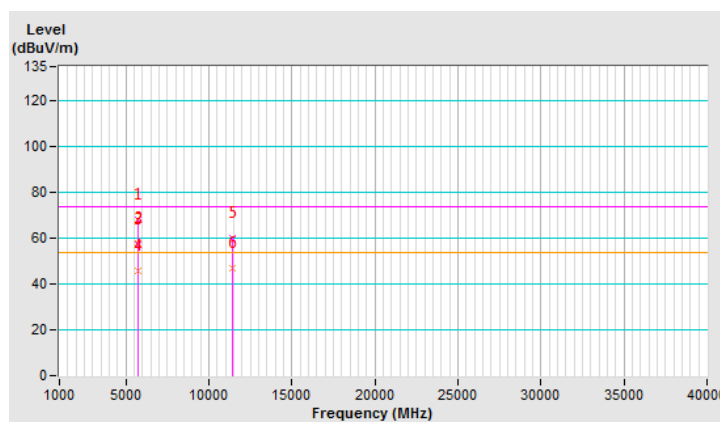


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	68.2 PK			2.69 H	169	63.8	4.4
2	*5700.00	57.6 AV			2.69 H	169	53.2	4.4
3	#5725.00	57.4 PK	74.0	-16.6	2.58 H	160	53.0	4.4
4	#5725.00	45.6 AV	54.0	-8.4	2.58 H	160	41.2	4.4
5	11400.00	60.0 PK	74.0	-14.0	2.91 H	224	42.6	17.4
6	11400.00	46.7 AV	54.0	-7.3	2.91 H	224	29.3	17.4
7	17100.00	-	-	-	-	-	-	-
	22800.00	-	-	-	-	-	-	-
	28500.00	-	-	-	-	-	-	-
	34200.00	-	-	-	-	-	-	-
	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

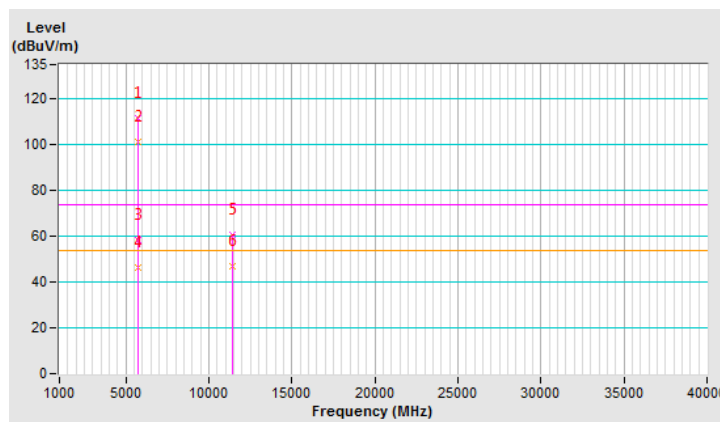


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	111.3 PK			2.48 V	342	71.3	40.0
2	*5700.00	101.2 AV			2.48 V	342	61.2	40.0
3	#5725.00	58.2 PK	74.0	-15.8	2.36 V	338	53.8	4.4
4	#5725.00	46.3 AV	54.0	-7.7	2.36 V	338	41.9	4.4
5	11400.00	60.4 PK	74.0	-13.6	2.39 V	229	43.0	17.4
6	11400.00	47.1 AV	54.0	-6.9	2.39 V	229	29.7	17.4
	17100.00	-	-	-	-	-	-	-
	22800.00	-	-	-	-	-	-	-
	28500.00	-	-	-	-	-	-	-
	34200.00	-	-	-	-	-	-	-
	39900.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

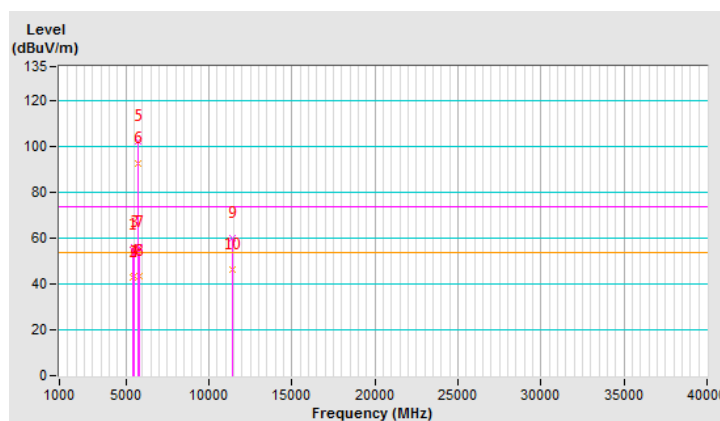


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144：5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 13 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	54.8 PK	74.0	-19.2	2.49 H	190	50.4	4.4
2	5460.00	42.9 AV	54.0	-11.1	2.49 H	190	38.5	4.4
3	#5470.00	56.0 PK	74.0	-18.0	2.59 H	197	51.6	4.4
4	#5470.00	43.3 AV	54.0	-10.7	2.59 H	197	38.9	4.4
5	*5720.00	102.6 PK			2.53 H	192	62.6	40.0
6	*5720.00	92.4 AV			2.53 H	192	52.4	40.0
7	#5825.00	56.2 PK	74.0	-17.8	2.61 H	189	51.4	4.8
8	#5825.00	43.3 AV	54.0	-10.7	2.61 H	189	38.5	4.8
9	11440.00	59.8 PK	74.0	-14.2	2.87 H	245	42.2	17.6
10	11440.00	46.6 AV	54.0	-7.4	2.87 H	245	29.0	17.6
	17160.00	-	-	-	-	-	-	-
	22880.00	-	-	-	-	-	-	-
	28600.00	-	-	-	-	-	-	-
	34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)



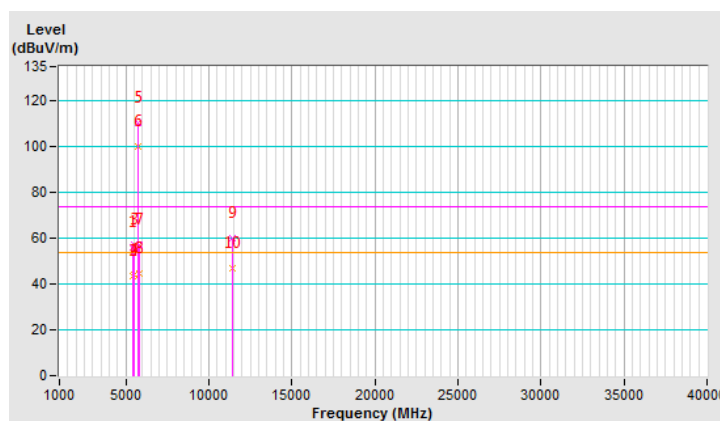
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144：5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	56.3 PK	74.0	-17.7	2.91 V	301	51.9	4.4
2	5460.00	43.4 AV	54.0	-10.6	2.91 V	301	39.0	4.4
3	#5470.00	57.1 PK	74.0	-16.9	2.86 V	317	52.7	4.4
4	#5470.00	44.2 AV	54.0	-9.8	2.86 V	317	39.8	4.4
5	*5720.00	110.3 PK			2.73 V	332	70.3	40.0
6	*5720.00	100.2 AV			2.73 V	332	60.2	40.0
7	#5825.00	57.2 PK	74.0	-16.8	3.06 V	309	52.4	4.8
8	#5825.00	44.4 AV	54.0	-9.6	3.06 V	309	39.6	4.8
9	11440.00	60.2 PK	74.0	-13.8	2.91 V	239	42.6	17.6
10	11440.00	46.9 AV	54.0	-7.1	2.91 V	239	29.3	17.6
	17160.00	-	-	-	-	-	-	-
	22880.00	-	-	-	-	-	-	-
	28600.00	-	-	-	-	-	-	-
	34320.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

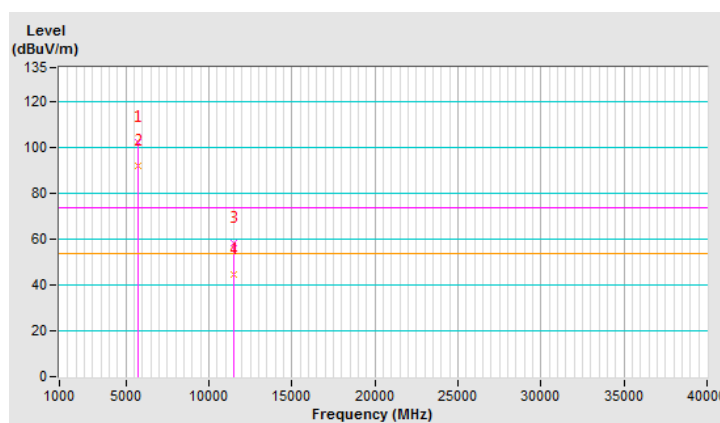


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	102.3 PK			1.29 H	233	62.2	40.1
2	*5745.00	92.1 AV			1.29 H	233	52.0	40.1
3	11490.00	58.5 PK	74.0	-15.5	2.91 H	229	40.9	17.6
4	11490.00	44.7 AV	54.0	-9.3	2.91 H	229	27.1	17.6
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
- Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

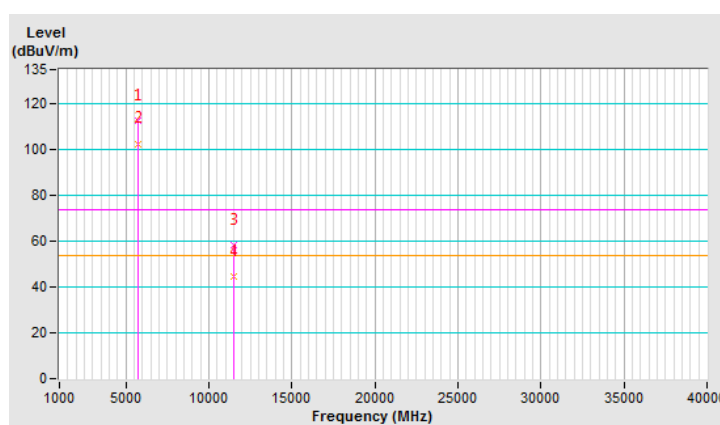


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	112.7 PK			2.18 V	217	72.6	40.1
2	*5745.00	102.7 AV			2.18 V	217	62.6	40.1
3	11490.00	58.6 PK	74.0	-15.4	2.50 V	188	41.0	17.6
4	11490.00	44.9 AV	54.0	-9.1	2.50 V	188	27.3	17.6
	17235.00	-	-	-	-	-	-	-
	22980.00	-	-	-	-	-	-	-
	28725.00	-	-	-	-	-	-	-
	34470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

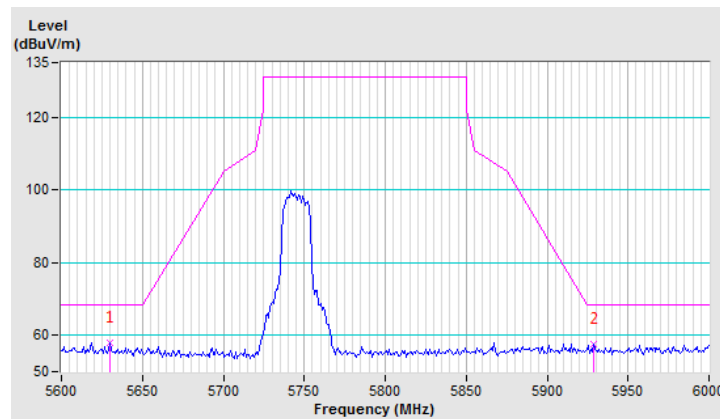


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149 : 5745 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5629.60	57.8 PK	68.2	-10.4	1.29 H	233	53.3	4.5
2	#5928.80	57.6 PK	68.2	-10.6	1.29 H	233	52.4	5.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

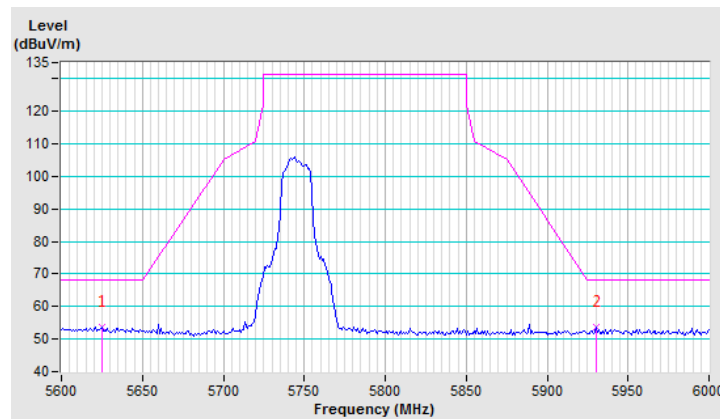


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149 : 5745 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.80	53.5 PK	68.2	-14.7	2.18 V	217	49.0	4.5
2	#5930.40	53.6 PK	68.2	-14.6	2.18 V	217	48.4	5.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

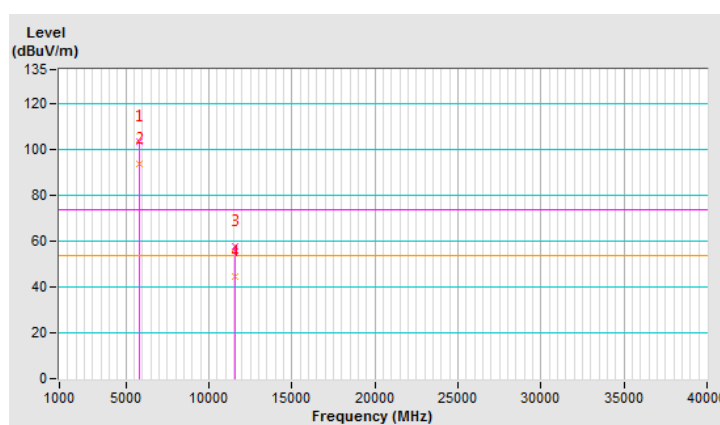


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157：5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	103.8 PK			1.31 H	238	63.5	40.3
2	*5785.00	93.7 AV			1.31 H	238	53.4	40.3
3	11570.00	57.6 PK	74.0	-16.4	3.01 H	233	39.7	17.9
4	11570.00	44.6 AV	54.0	-9.4	3.01 H	233	26.7	17.9
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

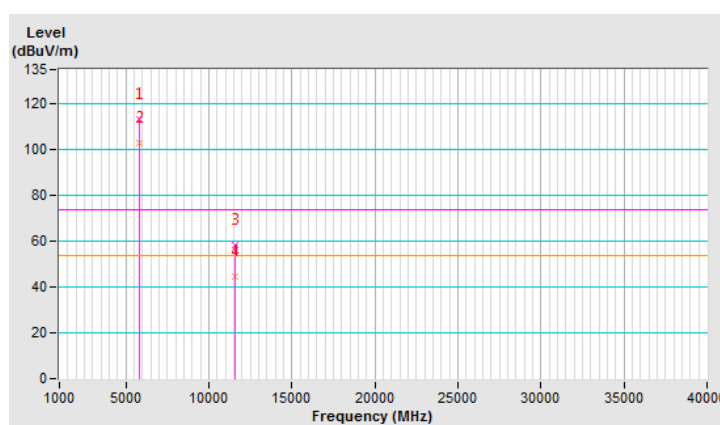


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157：5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	113.0 PK			2.24 V	218	72.7	40.3
2	*5785.00	103.1 AV			2.24 V	218	62.8	40.3
3	11570.00	58.1 PK	74.0	-15.9	2.29 V	177	40.2	17.9
4	11570.00	44.9 AV	54.0	-9.1	2.29 V	177	27.0	17.9
	17355.00	-	-	-	-	-	-	-
	23140.00	-	-	-	-	-	-	-
	28925.00	-	-	-	-	-	-	-
	34710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

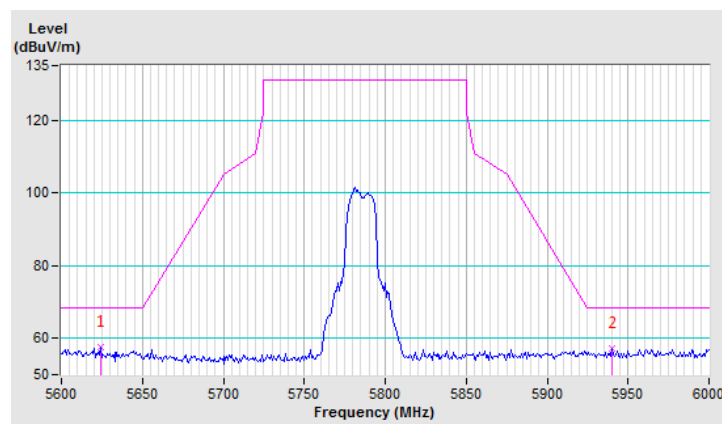


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5624.00	57.6 PK	68.2	-10.6	1.31 H	238	53.1	4.5
2	#5940.00	57.2 PK	68.2	-11.0	1.31 H	238	52.1	5.1

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
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.

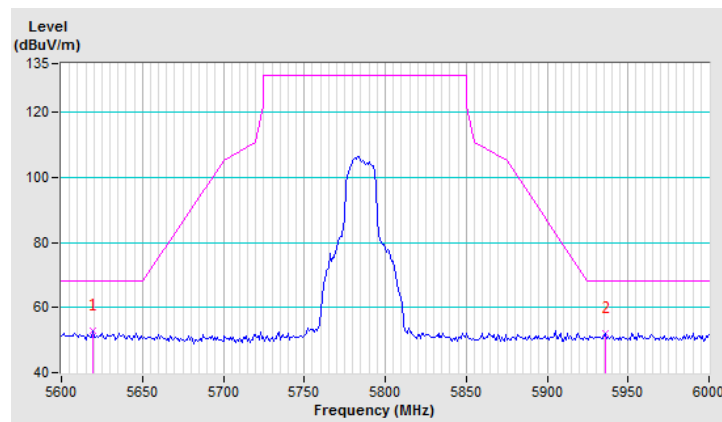


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5619.20	52.9 PK	68.2	-15.3	2.24 V	218	48.4	4.5
2	#5936.00	52.0 PK	68.2	-16.2	2.24 V	218	46.9	5.1

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
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.

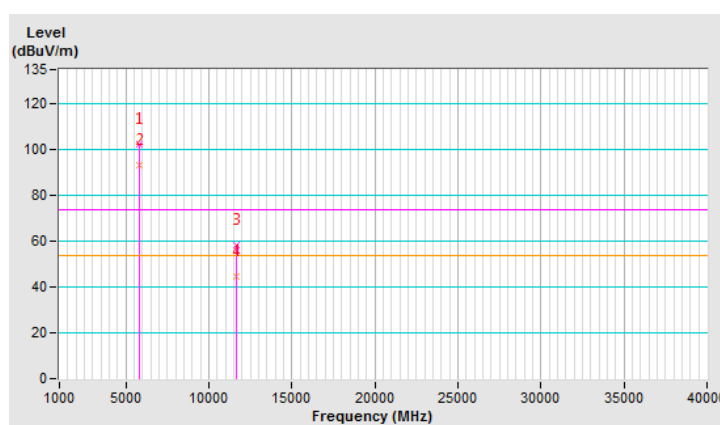


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	102.5 PK			1.28 H	239	62.0	40.5
2	*5825.00	93.1 AV			1.28 H	239	52.6	40.5
3	11650.00	58.4 PK	74.0	-15.6	2.87 H	236	40.9	17.5
4	11650.00	44.6 AV	54.0	-9.4	2.87 H	236	27.1	17.5
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

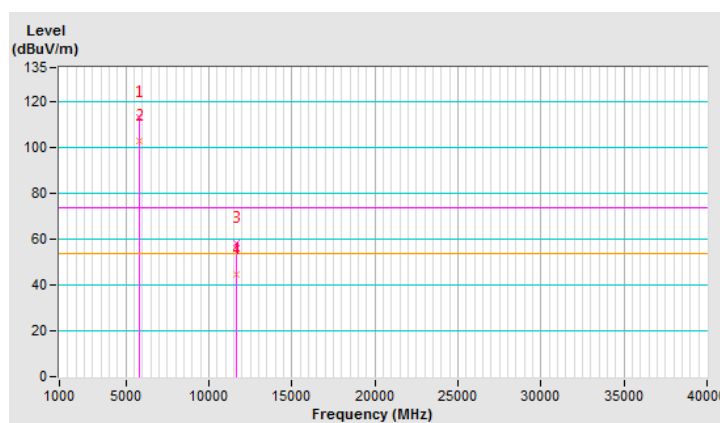


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	113.1 PK			2.34 V	216	72.6	40.5
2	*5825.00	103.2 AV			2.34 V	216	62.7	40.5
3	11650.00	58.5 PK	74.0	-15.5	2.55 V	178	41.0	17.5
4	11650.00	44.8 AV	54.0	-9.2	2.55 V	178	27.3	17.5
	17475.00	-	-	-	-	-	-	-
	23300.00	-	-	-	-	-	-	-
	29125.00	-	-	-	-	-	-	-
	34950.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

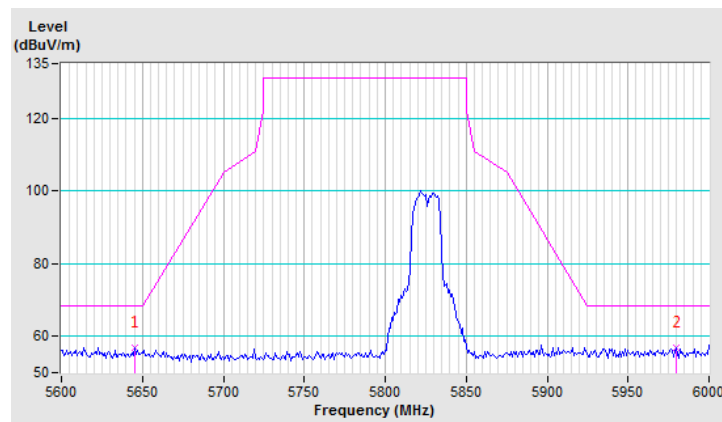


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5645.60	56.8 PK	68.2	-11.4	1.28 H	239	52.2	4.6
2	#5980.00	56.9 PK	68.2	-11.3	1.28 H	239	51.6	5.3

Remarks:

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

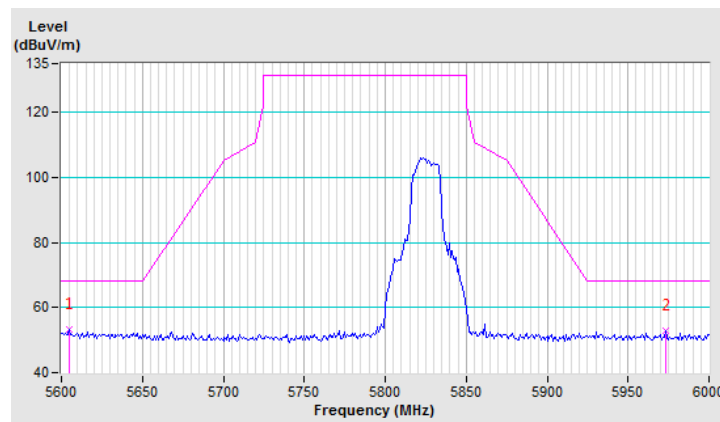


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165 : 5825 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5604.80	53.3 PK	68.2	-14.9	2.34 V	216	48.8	4.5
2	#5973.60	52.7 PK	68.2	-15.5	2.34 V	216	47.4	5.3

Remarks:

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



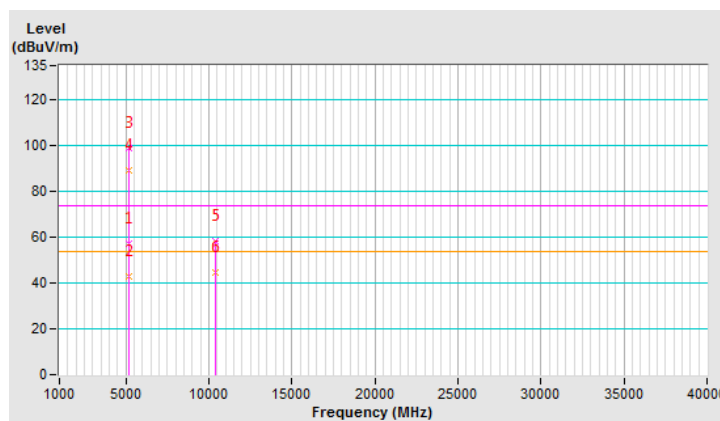
802.11n (HT40)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 38 : 5190 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	57.2 PK	74.0	-16.8	2.64 H	183	53.3	3.9
2	5150.00	42.9 AV	54.0	-11.1	2.64 H	183	39.0	3.9
3	*5190.00	98.9 PK			2.78 H	192	59.3	39.6
4	*5190.00	89.3 AV			2.78 H	192	49.7	39.6
5	#10380.00	58.4 PK	74.0	-15.6	2.41 H	205	42.5	15.9
6	#10380.00	44.6 AV	54.0	-9.4	2.41 H	205	28.7	15.9
	15570.00	-	-	-	-	-	-	-
	20760.00	-	-	-	-	-	-	-
	25950.00	-	-	-	-	-	-	-
	31140.00	-	-	-	-	-	-	-
	36330.00	-	-	-	-	-	-	-
	36330.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level - Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

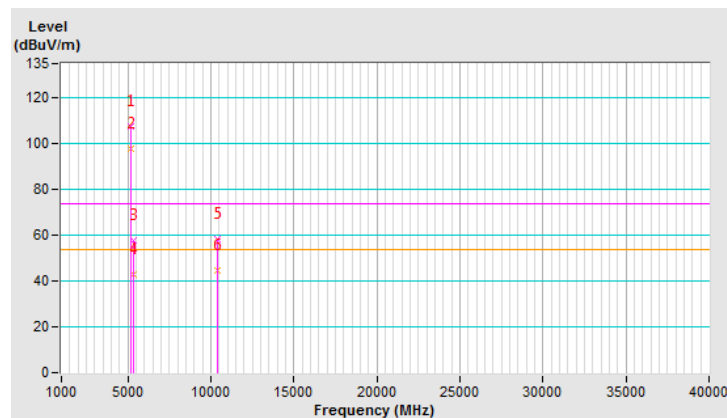


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 38：5190 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5190.00	107.8 PK			2.84 V	165	68.2	39.6
2	*5190.00	98.1 AV			2.84 V	165	58.5	39.6
3	5350.00	57.6 PK	74.0	-16.4	2.70 V	179	53.6	4.0
4	5350.00	43.0 AV	54.0	-11.0	2.70 V	179	39.0	4.0
5	#10380.00	58.6 PK	74.0	-15.4	1.95 V	187	42.7	15.9
6	#10380.00	44.9 AV	54.0	-9.1	1.95 V	187	29.0	15.9
	15570.00	-	-	-	-	-	-	-
	20760.00	-	-	-	-	-	-	-
	25950.00	-	-	-	-	-	-	-
	31140.00	-	-	-	-	-	-	-
	36330.00	-	-	-	-	-	-	-
	36330.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

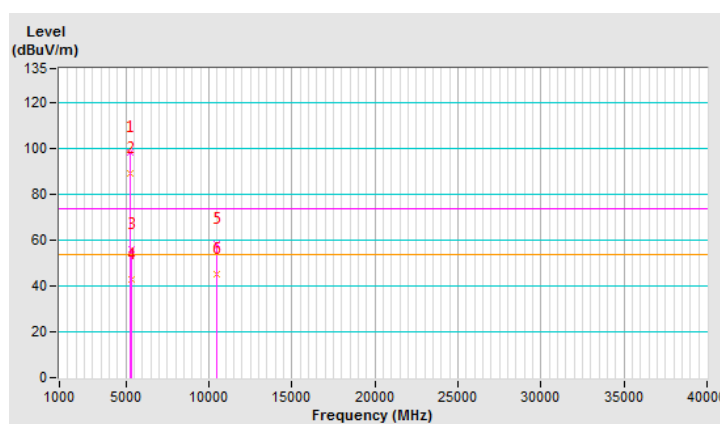


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 46：5230 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	98.6 PK			2.66 H	191	59.2	39.4
2	*5230.00	89.0 AV			2.66 H	191	49.6	39.4
3	5350.00	56.1 PK	74.0	-17.9	2.68 H	169	52.1	4.0
4	5350.00	42.9 AV	54.0	-11.1	2.68 H	169	38.9	4.0
5	#10460.00	58.3 PK	74.0	-15.7	2.52 H	199	41.9	16.4
6	#10460.00	45.1 AV	54.0	-8.9	2.52 H	199	28.7	16.4
	15690.00	-	-	-	-	-	-	-
	20920.00	-	-	-	-	-	-	-
	26150.00	-	-	-	-	-	-	-
	31380.00	-	-	-	-	-	-	-
	36610.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

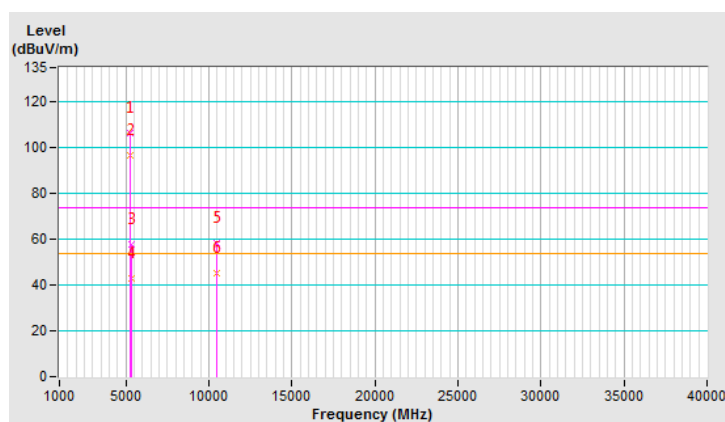


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 46：5230 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	106.3 PK			2.48 V	224	66.9	39.4
2	*5230.00	96.7 AV			2.48 V	224	57.3	39.4
3	5350.00	57.6 PK	74.0	-16.4	2.57 V	207	53.6	4.0
4	5350.00	43.0 AV	54.0	-11.0	2.57 V	207	39.0	4.0
5	#10460.00	58.4 PK	74.0	-15.6	2.02 V	199	42.0	16.4
6	#10460.00	45.3 AV	54.0	-8.7	2.02 V	199	28.9	16.4
	10460.00	-	-	-	-	-	-	-
	15690.00	-	-	-	-	-	-	-
	20920.00	-	-	-	-	-	-	-
	26150.00	-	-	-	-	-	-	-
	31380.00	-	-	-	-	-	-	-
	36610.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

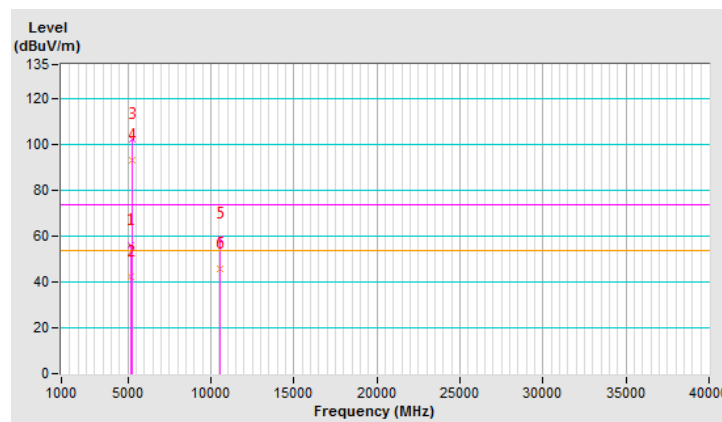


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 54：5270 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.1 PK	74.0	-17.9	2.52 H	143	52.2	3.9
2	5150.00	42.6 AV	54.0	-11.4	2.52 H	143	38.7	3.9
3	*5270.00	102.3 PK			2.45 H	150	62.9	39.4
4	*5270.00	93.4 AV			2.45 H	150	54.0	39.4
5	#10540.00	58.9 PK	74.0	-15.1	2.97 H	241	42.0	16.9
6	#10540.00	46.0 AV	54.0	-8.0	2.97 H	241	29.1	16.9
	15810.00	-	-	-	-	-	-	-
	21080.00	-	-	-	-	-	-	-
	26350.00	-	-	-	-	-	-	-
	31620.00	-	-	-	-	-	-	-
	36890.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

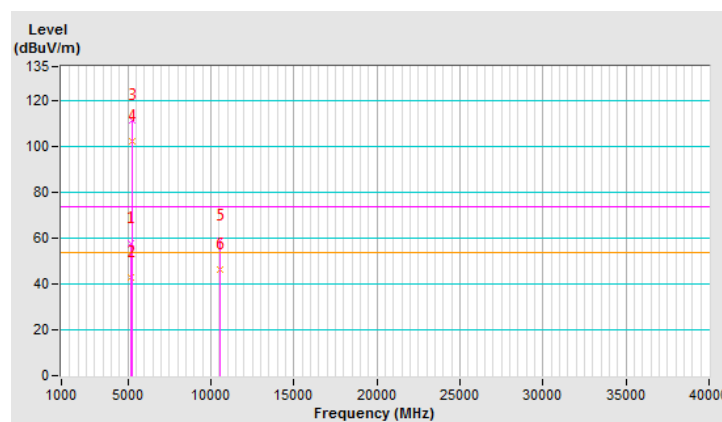


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 54：5270 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	57.9 PK	74.0	-16.1	2.86 V	168	54.0	3.9
2	5150.00	43.0 AV	54.0	-11.0	2.86 V	168	39.1	3.9
3	*5270.00	111.4 PK			2.60 V	183	72.0	39.4
4	*5270.00	102.4 AV			2.60 V	183	63.0	39.4
5	#10540.00	59.0 PK	74.0	-15.0	2.22 V	199	42.1	16.9
6	#10540.00	46.2 AV	54.0	-7.8	2.22 V	199	29.3	16.9
	15810.00	-	-	-	-	-	-	-
	21080.00	-	-	-	-	-	-	-
	26350.00	-	-	-	-	-	-	-
	31620.00	-	-	-	-	-	-	-
	36890.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

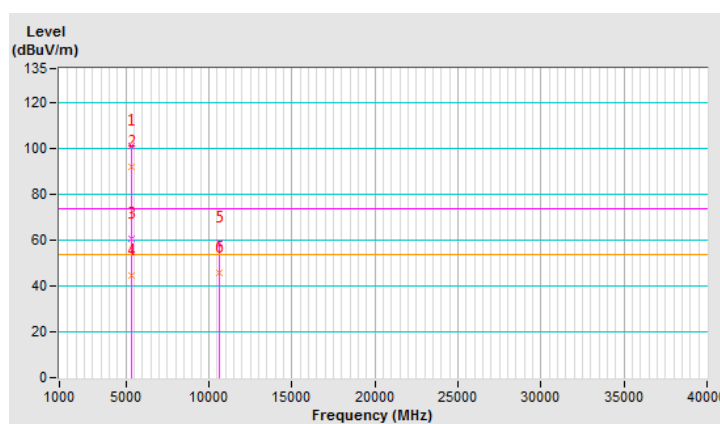


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 62：5310 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	101.4 PK			2.53 H	153	62.0	39.4
2	*5310.00	92.0 AV			2.53 H	153	52.6	39.4
3	5350.00	60.8 PK	74.0	-13.2	2.63 H	141	56.8	4.0
4	5350.00	44.6 AV	54.0	-9.4	2.63 H	141	40.6	4.0
5	10620.00	59.1 PK	74.0	-14.9	2.98 H	221	42.0	17.1
6	10620.00	45.9 AV	54.0	-8.1	2.98 H	221	28.8	17.1
	15930.00	-	-	-	-	-	-	-
	21240.00	-	-	-	-	-	-	-
	26550.00	-	-	-	-	-	-	-
	31860.00	-	-	-	-	-	-	-
	37170.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

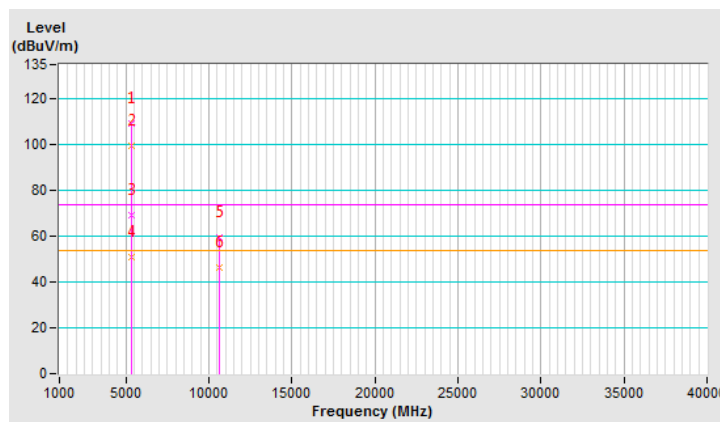


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 62：5310 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	109.2 PK			2.40 V	214	69.8	39.4
2	*5310.00	99.6 AV			2.40 V	214	60.2	39.4
3	5350.00	69.4 PK	74.0	-4.6	2.42 V	187	65.4	4.0
4	5350.00	50.8 AV	54.0	-3.2	2.42 V	187	46.8	4.0
5	10620.00	59.4 PK	74.0	-14.6	2.29 V	205	42.3	17.1
6	10620.00	46.2 AV	54.0	-7.8	2.29 V	205	29.1	17.1
	15930.00	-	-	-	-	-	-	-
	21240.00	-	-	-	-	-	-	-
	26550.00	-	-	-	-	-	-	-
	31860.00	-	-	-	-	-	-	-
	37170.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

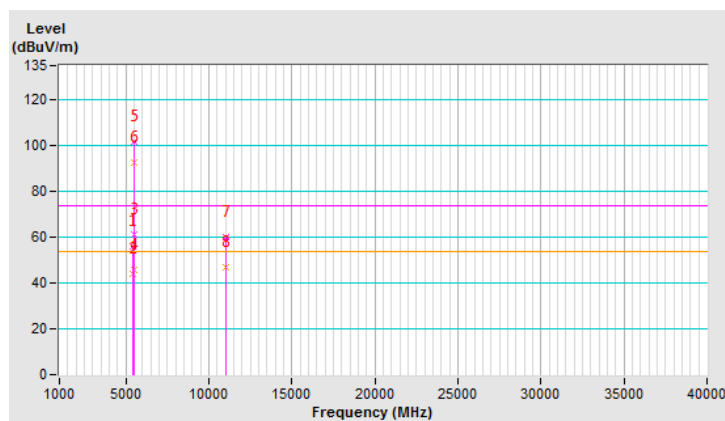


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 102：5510 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	56.0 PK	74.0	-18.0	2.70 H	159	51.6	4.4
2	5460.00	43.9 AV	54.0	-10.1	2.70 H	159	39.5	4.4
3	#5470.00	61.0 PK	74.0	-13.0	2.76 H	162	56.6	4.4
4	#5470.00	45.6 AV	54.0	-8.4	2.76 H	162	41.2	4.4
5	*5510.00	102.0 PK			2.61 H	147	61.9	40.1
6	*5510.00	92.4 AV			2.61 H	147	52.3	40.1
7	11020.00	60.2 PK	74.0	-13.8	3.15 H	261	41.8	18.4
8	11020.00	46.9 AV	54.0	-7.1	3.15 H	261	28.5	18.4
	16530.00	-	-	-	-	-	-	-
	22040.00	-	-	-	-	-	-	-
	27550.00	-	-	-	-	-	-	-
	33060.00	-	-	-	-	-	-	-
	38570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

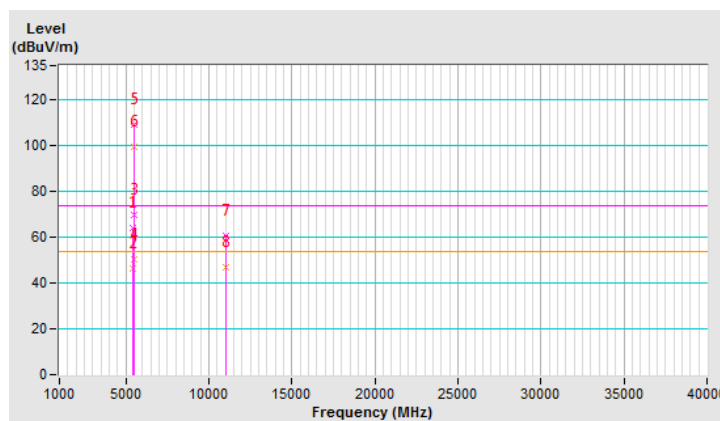


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 102：5510 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23℃	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	64.0 PK	74.0	-10.0	2.29 V	231	59.6	4.4
2	5460.00	46.1 AV	54.0	-7.9	2.29 V	231	41.7	4.4
3	#5470.00	69.6 PK	74.0	-4.4	2.43 V	220	65.2	4.4
4	#5470.00	50.5 AV	54.0	-3.5	2.43 V	220	46.1	4.4
5	*5510.00	109.4 PK			2.40 V	215	69.3	40.1
6	*5510.00	99.7 AV			2.40 V	215	59.6	40.1
7	11020.00	60.5 PK	74.0	-13.5	2.18 V	197	42.1	18.4
8	11020.00	47.1 AV	54.0	-6.9	2.18 V	197	28.7	18.4
	16530.00	-	-	-	-	-	-	-
	22040.00	-	-	-	-	-	-	-
	27550.00	-	-	-	-	-	-	-
	33060.00	-	-	-	-	-	-	-
	38570.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)



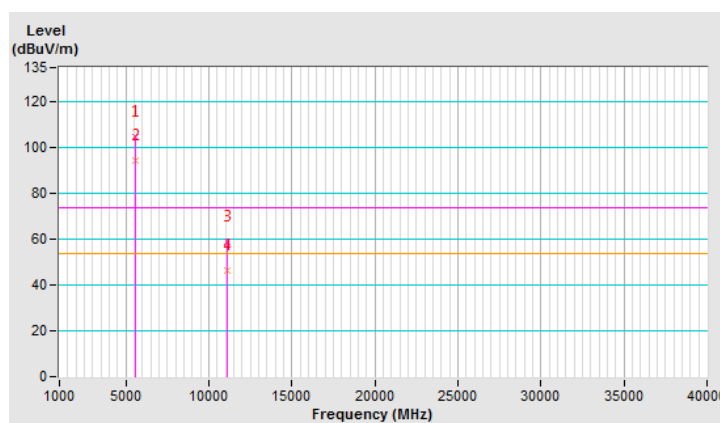
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 110：5550 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	104.5 PK			2.69 H	181	64.5	40.0
2	*5550.00	94.5 AV			2.69 H	181	54.5	40.0
3	11100.00	59.0 PK	74.0	-15.0	2.99 H	221	41.5	17.5
4	11100.00	46.2 AV	54.0	-7.8	2.99 H	221	28.7	17.5
	16650.00	-	-	-	-	-	-	-
	22200.00	-	-	-	-	-	-	-
	27750.00	-	-	-	-	-	-	-
	33300.00	-	-	-	-	-	-	-
	38850.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
- Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

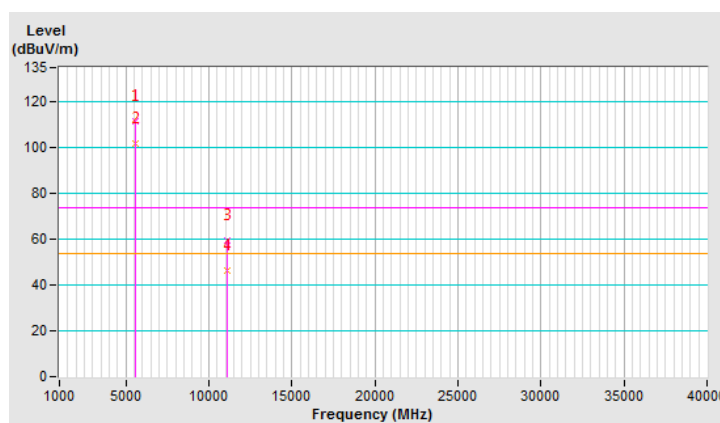


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 110：5550 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	111.8 PK			2.58 V	179	71.8	40.0
2	*5550.00	102.0 AV			2.58 V	179	62.0	40.0
3	11100.00	59.5 PK	74.0	-14.5	2.32 V	213	42.0	17.5
4	11100.00	46.6 AV	54.0	-7.4	2.32 V	213	29.1	17.5
	16650.00	-	-	-	-	-	-	-
	22200.00	-	-	-	-	-	-	-
	27750.00	-	-	-	-	-	-	-
	33300.00	-	-	-	-	-	-	-
	38850.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

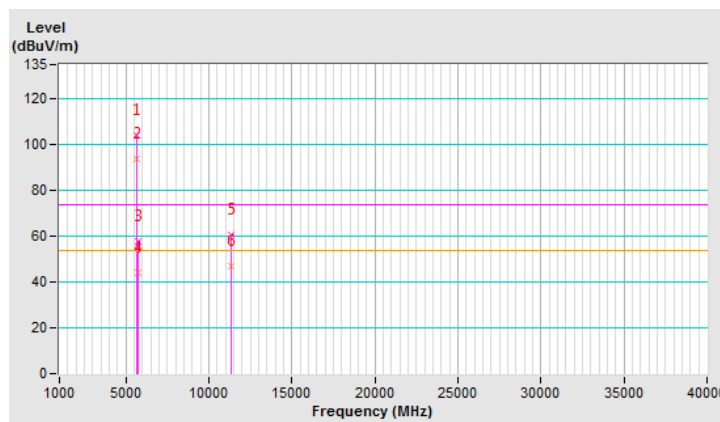


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 134：5670 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	103.9 PK			2.69 H	203	63.8	40.1
2	*5670.00	93.8 AV			2.69 H	203	53.7	40.1
3	#5725.00	58.0 PK	74.0	-16.0	2.74 H	187	53.6	4.4
4	#5725.00	44.1 AV	54.0	-9.9	2.74 H	187	39.7	4.4
5	11340.00	60.6 PK	74.0	-13.4	2.96 H	244	42.8	17.8
6	11340.00	46.8 AV	54.0	-7.2	2.96 H	244	29.0	17.8
	17010.00	-	-	-	-	-	-	-
	22680.00	-	-	-	-	-	-	-
	28350.00	-	-	-	-	-	-	-
	34020.00	-	-	-	-	-	-	-
	39690.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

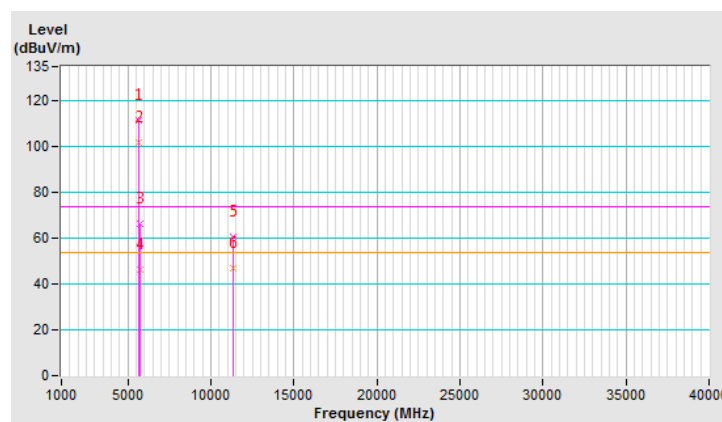


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 134：5670 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	111.6 PK			2.43 V	178	71.5	40.1
2	*5670.00	101.7 AV			2.43 V	178	61.6	40.1
3	#5725.00	66.2 PK	74.0	-7.8	2.61 V	185	61.8	4.4
4	#5725.00	46.2 AV	54.0	-7.8	2.61 V	185	41.8	4.4
5	11340.00	60.8 PK	74.0	-13.2	2.44 V	216	43.0	17.8
6	11340.00	47.1 AV	54.0	-6.9	2.44 V	216	29.3	17.8
	17010.00	-	-	-	-	-	-	-
	22680.00	-	-	-	-	-	-	-
	28350.00	-	-	-	-	-	-	-
	34020.00	-	-	-	-	-	-	-
	39690.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

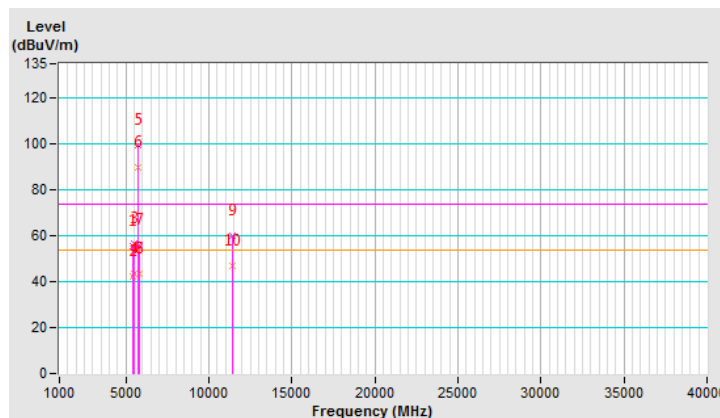


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 142：5710 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 13 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.4 PK	74.0	-18.6	2.49 H	191	51.0	4.4
2	5460.00	42.6 AV	54.0	-11.4	2.49 H	191	38.2	4.4
3	#5470.00	56.6 PK	74.0	-17.4	2.51 H	190	52.2	4.4
4	#5470.00	43.2 AV	54.0	-10.8	2.51 H	190	38.8	4.4
5	*5710.00	99.5 PK			2.42 H	193	59.5	40.0
6	*5710.00	89.8 AV			2.42 H	193	49.8	40.0
7	#5825.00	56.3 PK	74.0	-17.7	2.56 H	199	51.5	4.8
8	#5825.00	43.2 AV	54.0	-10.8	2.56 H	199	38.4	4.8
9	11420.00	60.2 PK	74.0	-13.8	2.91 H	254	42.7	17.5
10	11420.00	47.0 AV	54.0	-7.0	2.91 H	254	29.5	17.5
	17130.00	-	-	-	-	-	-	-
	22840.00	-	-	-	-	-	-	-
	28550.00	-	-	-	-	-	-	-
	34260.00	-	-	-	-	-	-	-
	39970.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

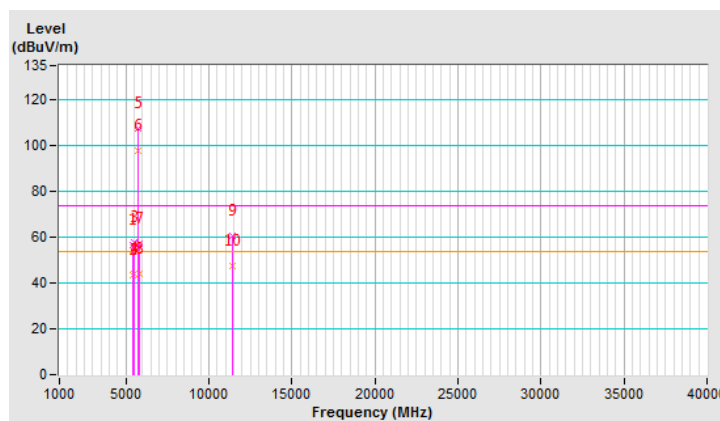


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 142：5710 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	56.5 PK	74.0	-17.5	2.55 V	333	52.1	4.4
2	5460.00	43.4 AV	54.0	-10.6	2.55 V	333	39.0	4.4
3	#5470.00	57.6 PK	74.0	-16.4	2.66 V	351	53.2	4.4
4	#5470.00	44.3 AV	54.0	-9.7	2.66 V	351	39.9	4.4
5	*5710.00	107.5 PK			2.72 V	342	67.5	40.0
6	*5710.00	97.6 AV			2.72 V	342	57.6	40.0
7	#5825.00	57.3 PK	74.0	-16.7	2.51 V	322	52.5	4.8
8	#5825.00	44.3 AV	54.0	-9.7	2.51 V	322	39.5	4.8
9	11420.00	60.5 PK	74.0	-13.5	2.61 V	251	43.0	17.5
10	11420.00	47.4 AV	54.0	-6.6	2.61 V	251	29.9	17.5
	17130.00	-	-	-	-	-	-	-
	22840.00	-	-	-	-	-	-	-
	28550.00	-	-	-	-	-	-	-
	34260.00	-	-	-	-	-	-	-
	39970.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

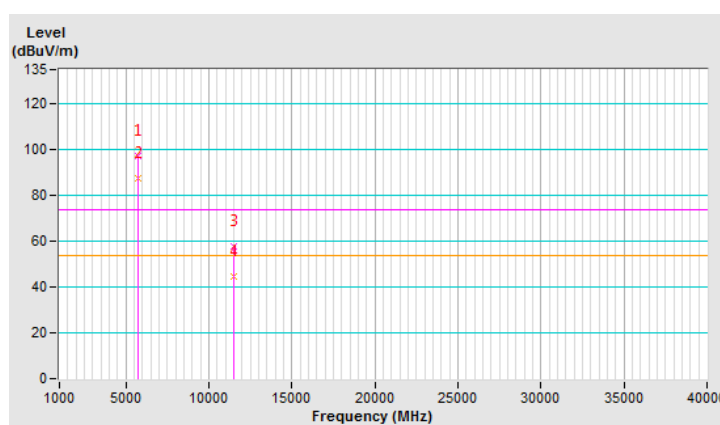


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	97.1 PK			1.25 H	240	57.0	40.1
2	*5755.00	87.8 AV			1.25 H	240	47.7	40.1
3	11510.00	57.8 PK	74.0	-16.2	2.99 H	222	40.2	17.6
4	11510.00	44.4 AV	54.0	-9.6	2.99 H	222	26.8	17.6
	17265.00	-	-	-	-	-	-	-
	23020.00	-	-	-	-	-	-	-
	28775.00	-	-	-	-	-	-	-
	34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

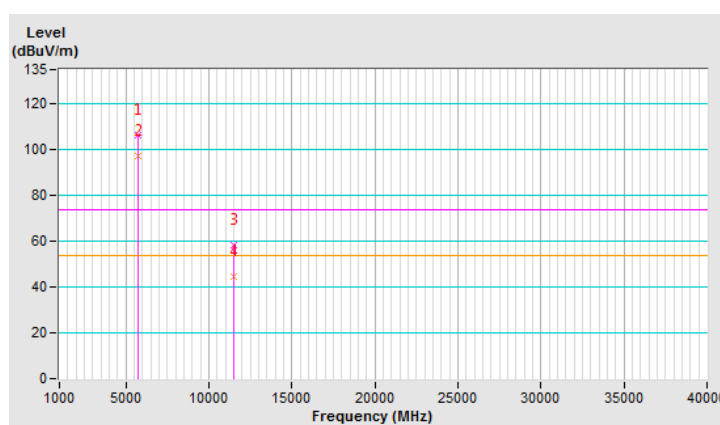


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	106.6 PK			2.66 V	359	66.5	40.1
2	*5755.00	97.3 AV			2.66 V	359	57.2	40.1
3	11510.00	58.1 PK	74.0	-15.9	2.60 V	188	40.5	17.6
4	11510.00	44.6 AV	54.0	-9.4	2.60 V	188	27.0	17.6
	17265.00	-	-	-	-	-	-	-
	23020.00	-	-	-	-	-	-	-
	28775.00	-	-	-	-	-	-	-
	34530.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

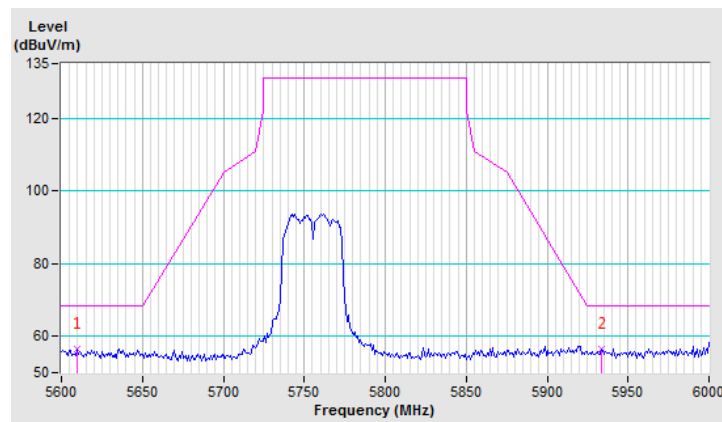


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151 : 5755 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.60	56.5 PK	68.2	-11.7	1.25 H	240	52.0	4.5
2	#5933.60	56.6 PK	68.2	-11.6	1.25 H	240	51.4	5.2

Remarks:

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



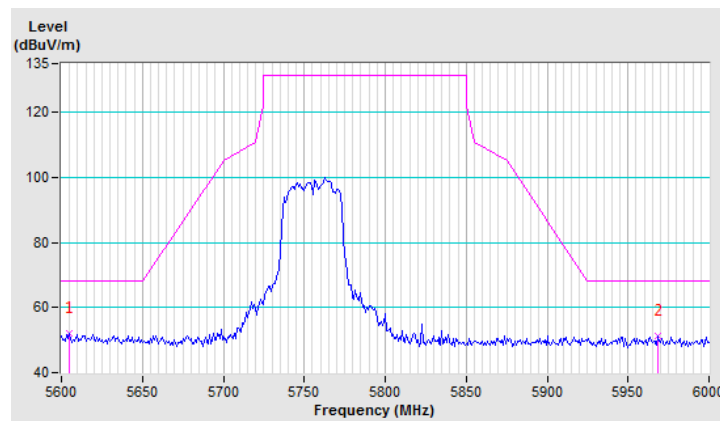
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151 : 5755 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5604.80	52.0 PK	68.2	-16.2	2.26 V	359	47.5	4.5
2	#5968.80	51.2 PK	68.2	-17.0	2.26 V	359	45.9	5.3

Remarks:

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

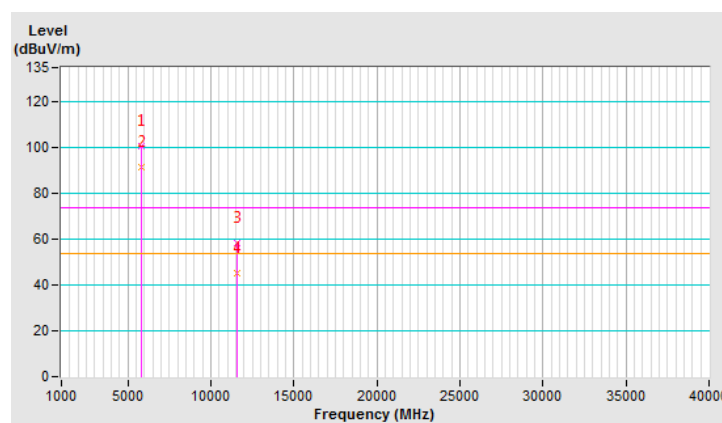


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159：5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	100.9 PK			2.76 H	196	60.6	40.3
2	*5795.00	91.8 AV			2.76 H	196	51.5	40.3
3	11590.00	58.6 PK	74.0	-15.4	2.87 H	238	40.7	17.9
4	11590.00	45.4 AV	54.0	-8.6	2.87 H	238	27.5	17.9
	17385.00	-	-	-	-	-	-	-
	23180.00	-	-	-	-	-	-	-
	28975.00	-	-	-	-	-	-	-
	34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

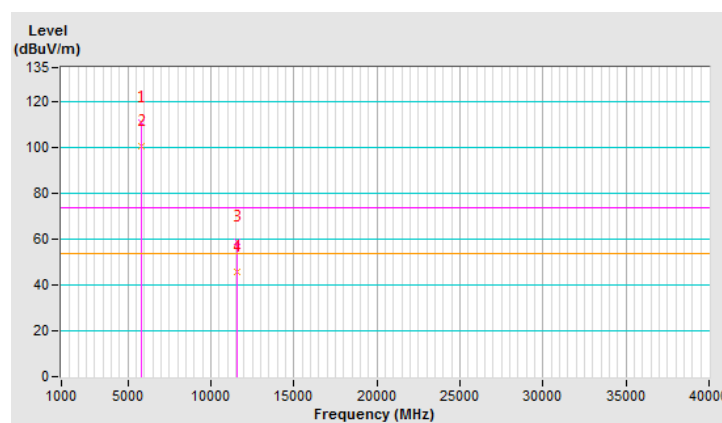


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159：5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	111.1 PK			2.66 V	355	70.8	40.3
2	*5795.00	100.6 AV			2.66 V	355	60.3	40.3
3	11590.00	58.9 PK	74.0	-15.1	2.53 V	191	41.0	17.9
4	11590.00	45.7 AV	54.0	-8.3	2.53 V	191	27.8	17.9
	17385.00	-	-	-	-	-	-	-
	23180.00	-	-	-	-	-	-	-
	28975.00	-	-	-	-	-	-	-
	34770.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

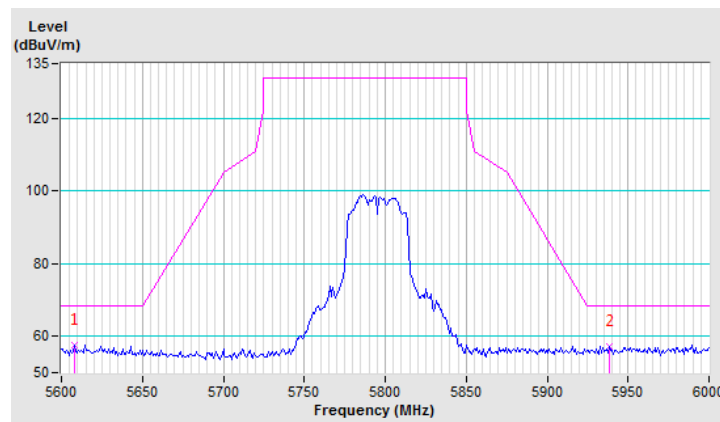


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159 : 5795 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5608.00	57.5 PK	68.2	-10.7	2.76 H	196	53.0	4.5
2	#5938.40	57.1 PK	68.2	-11.1	2.76 H	196	52.0	5.1

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
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.

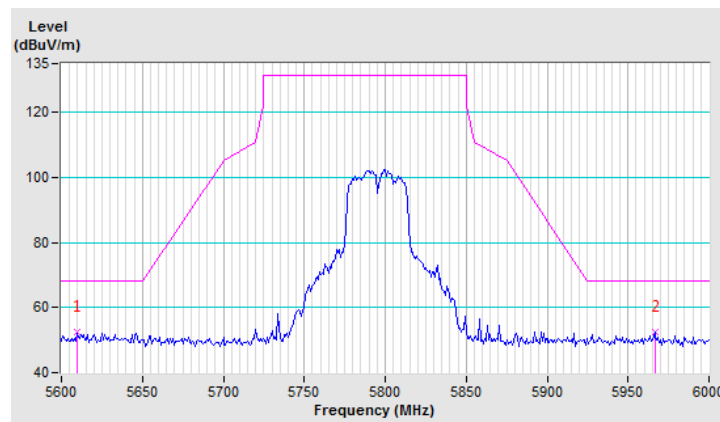


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159 : 5795 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.60	52.3 PK	68.2	-15.9	2.66 V	355	47.8	4.5
2	#5966.40	52.3 PK	68.2	-15.9	2.66 V	355	47.1	5.2

Remarks:

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



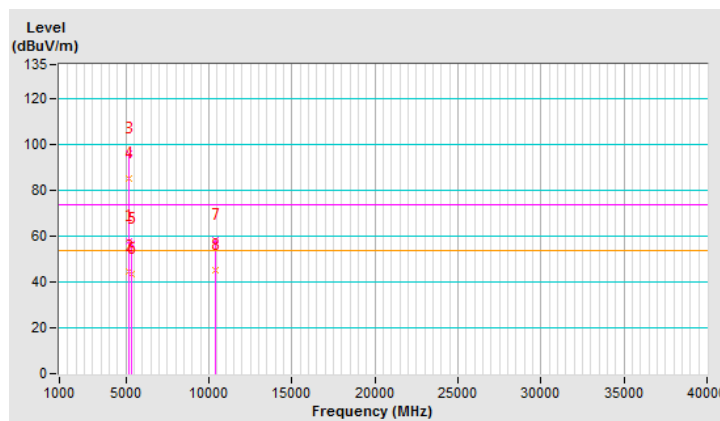
802.11ac (VHT80)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 42：5210 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	57.7 PK	74.0	-16.3	2.54 H	201	53.8	3.9
2	5150.00	44.4 AV	54.0	-9.6	2.54 H	201	40.5	3.9
3	*5210.00	96.3 PK			2.74 H	193	56.8	39.5
4	*5210.00	85.5 AV			2.74 H	193	46.0	39.5
5	5350.00	56.5 PK	74.0	-17.5	2.69 H	195	52.5	4.0
6	5350.00	43.4 AV	54.0	-10.6	2.69 H	195	39.4	4.0
7	#10420.00	58.3 PK	74.0	-15.7	2.61 H	189	42.3	16.0
8	#10420.00	45.1 AV	54.0	-8.9	2.61 H	189	29.1	16.0
	15630.00	-	-	-	-	-	-	-
	20840.00	-	-	-	-	-	-	-
	26050.00	-	-	-	-	-	-	-
	31260.00	-	-	-	-	-	-	-
	36470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

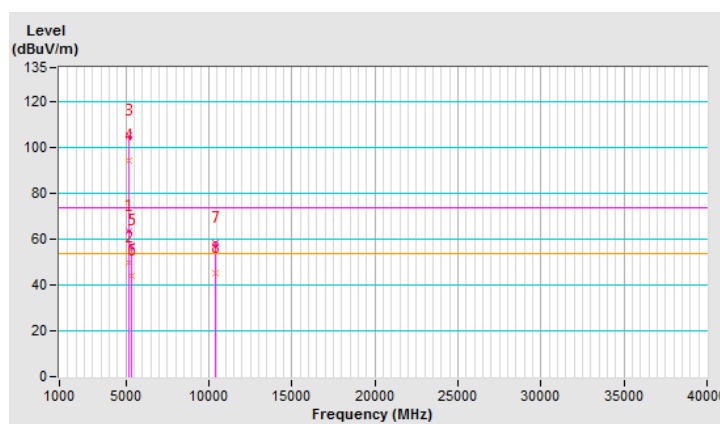


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 42：5210 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 11 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	63.5 PK	74.0	-10.5	2.86 V	169	59.6	3.9
2	5150.00	49.9 AV	54.0	-4.1	2.86 V	169	46.0	3.9
3	*5210.00	105.2 PK			2.81 V	165	65.7	39.5
4	*5210.00	94.4 AV			2.81 V	165	54.9	39.5
5	5350.00	57.3 PK	74.0	-16.7	3.04 V	172	53.3	4.0
6	5350.00	44.0 AV	54.0	-10.0	3.04 V	172	40.0	4.0
7	#10420.00	58.6 PK	74.0	-15.4	2.23 V	188	42.6	16.0
8	#10420.00	45.4 AV	54.0	-8.6	2.23 V	188	29.4	16.0
	15630.00	-	-	-	-	-	-	-
	20840.00	-	-	-	-	-	-	-
	26050.00	-	-	-	-	-	-	-
	31260.00	-	-	-	-	-	-	-
	36470.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

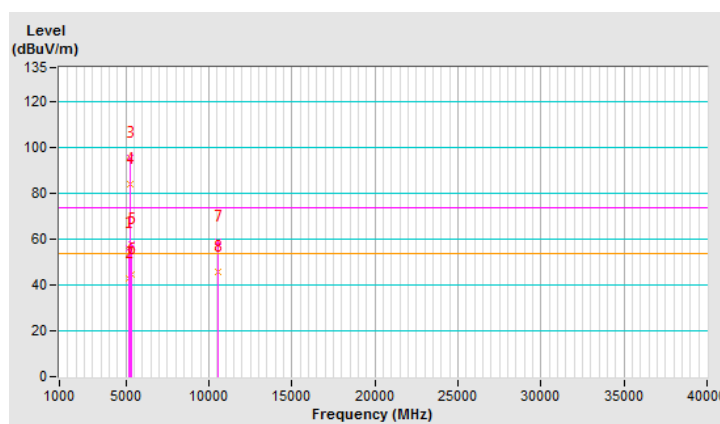


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 58：5290 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.1 PK	74.0	-17.9	2.63 H	209	52.2	3.9
2	5150.00	42.8 AV	54.0	-11.2	2.63 H	209	38.9	3.9
3	*5290.00	95.3 PK			2.55 H	192	55.9	39.4
4	*5290.00	84.3 AV			2.55 H	192	44.9	39.4
5	5350.00	57.6 PK	74.0	-16.4	2.38 H	199	53.6	4.0
6	5350.00	44.5 AV	54.0	-9.5	2.38 H	199	40.5	4.0
7	#10580.00	58.8 PK	74.0	-15.2	2.99 H	251	41.7	17.1
8	#10580.00	45.9 AV	54.0	-8.1	2.99 H	251	28.8	17.1
	15870.00	-	-	-	-	-	-	-
	21160.00	-	-	-	-	-	-	-
	26450.00	-	-	-	-	-	-	-
	31740.00	-	-	-	-	-	-	-
	37030.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

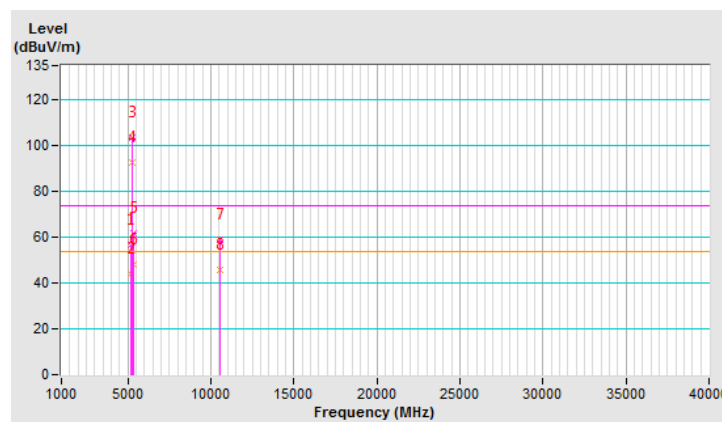


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 58：5290 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	56.4 PK	74.0	-17.6	2.68 V	199	52.5	3.9
2	5150.00	43.8 AV	54.0	-10.2	2.68 V	199	39.9	3.9
3	*5290.00	103.3 PK			2.52 V	181	63.9	39.4
4	*5290.00	92.6 AV			2.52 V	181	53.2	39.4
5	5350.00	61.5 PK	74.0	-12.5	2.57 V	191	57.5	4.0
6	5350.00	47.8 AV	54.0	-6.2	2.57 V	191	43.8	4.0
7	#10580.00	59.1 PK	74.0	-14.9	2.19 V	241	42.0	17.1
8	#10580.00	46.0 AV	54.0	-8.0	2.19 V	241	28.9	17.1
	15870.00	-	-	-	-	-	-	-
	21160.00	-	-	-	-	-	-	-
	26450.00	-	-	-	-	-	-	-
	31740.00	-	-	-	-	-	-	-
	37030.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

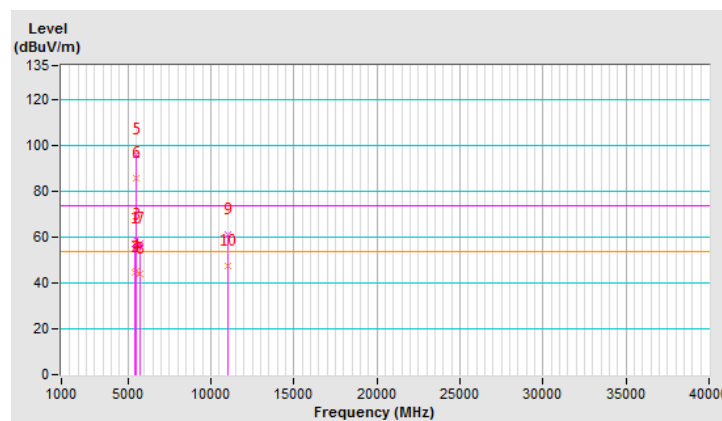


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 106：5530 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	57.4 PK	74.0	-16.6	1.91 H	199	53.0	4.4
2	5460.00	44.7 AV	54.0	-9.3	1.91 H	199	40.3	4.4
3	#5470.00	59.0 PK	74.0	-15.0	1.78 H	187	54.6	4.4
4	#5470.00	45.4 AV	54.0	-8.6	1.78 H	187	41.0	4.4
5	*5530.00	96.3 PK			1.52 H	191	56.2	40.1
6	*5530.00	85.6 AV			1.52 H	191	45.5	40.1
7	#5725.00	57.4 PK	74.0	-16.6	1.85 H	180	53.0	4.4
8	#5725.00	43.8 AV	54.0	-10.2	1.85 H	180	39.4	4.4
9	11060.00	61.1 PK	74.0	-12.9	2.97 H	233	43.2	17.9
10	11060.00	47.3 AV	54.0	-6.7	2.97 H	233	29.4	17.9
	16590.00	-	-	-	-	-	-	-
	22120.00	-	-	-	-	-	-	-
	27650.00	-	-	-	-	-	-	-
	33180.00	-	-	-	-	-	-	-
	38710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

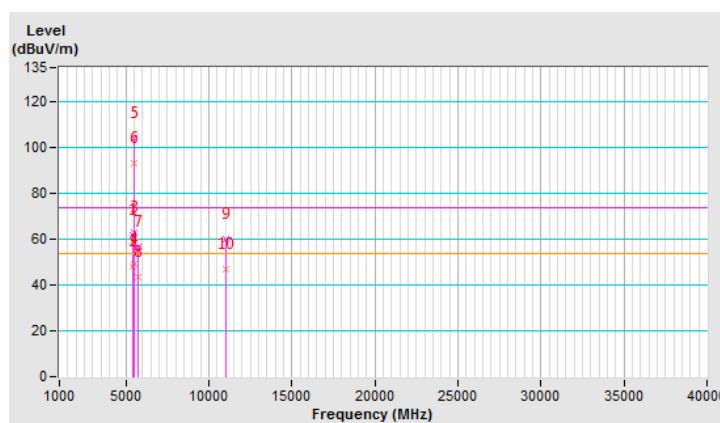


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 106：5530 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 12 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	61.8 PK	74.0	-12.2	2.61 V	169	57.4	4.4
2	5460.00	48.0 AV	54.0	-6.0	2.61 V	169	43.6	4.4
3	#5470.00	62.9 PK	74.0	-11.1	2.78 V	180	58.5	4.4
4	#5470.00	49.2 AV	54.0	-4.8	2.78 V	180	44.8	4.4
5	*5530.00	103.9 PK			2.69 V	169	63.8	40.1
6	*5530.00	93.4 AV			2.69 V	169	53.3	40.1
7	#5725.00	56.6 PK	74.0	-17.4	2.90 V	193	52.2	4.4
8	#5725.00	43.7 AV	54.0	-10.3	2.90 V	193	39.3	4.4
9	11060.00	60.0 PK	74.0	-14.0	2.29 V	199	42.1	17.9
10	11060.00	47.1 AV	54.0	-6.9	2.29 V	199	29.2	17.9
	16590.00	-	-	-	-	-	-	-
	22120.00	-	-	-	-	-	-	-
	27650.00	-	-	-	-	-	-	-
	33180.00	-	-	-	-	-	-	-
	38710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

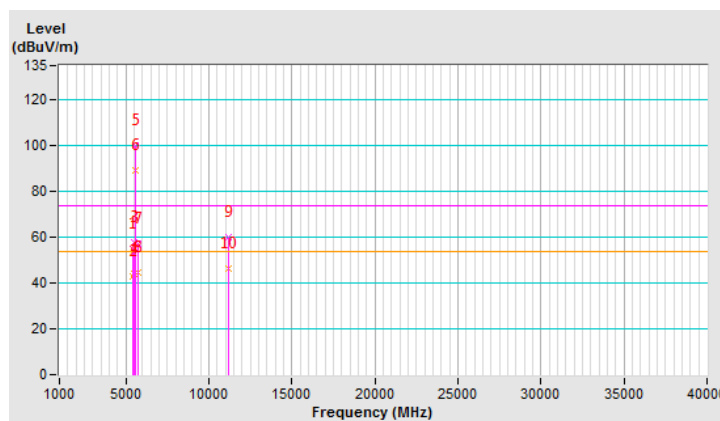


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 122：5610 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 13 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	54.7 PK	74.0	-19.3	2.55 H	190	50.3	4.4
2	5460.00	43.1 AV	54.0	-10.9	2.55 H	190	38.7	4.4
3	#5470.00	57.6 PK	74.0	-16.4	2.60 H	201	53.2	4.4
4	#5470.00	43.9 AV	54.0	-10.1	2.60 H	201	39.5	4.4
5	*5610.00	100.1 PK			2.52 H	192	60.0	40.1
6	*5610.00	89.3 AV			2.52 H	192	49.2	40.1
7	#5725.00	57.4 PK	74.0	-16.6	2.61 H	190	53.0	4.4
8	#5725.00	44.6 AV	54.0	-9.4	2.61 H	190	40.2	4.4
9	11220.00	60.2 PK	74.0	-13.8	2.91 H	220	42.5	17.7
10	11220.00	46.5 AV	54.0	-7.5	2.91 H	220	28.8	17.7
	16830.00	-	-	-	-	-	-	-
	22440.00	-	-	-	-	-	-	-
	28050.00	-	-	-	-	-	-	-
	33660.00	-	-	-	-	-	-	-
	39270.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

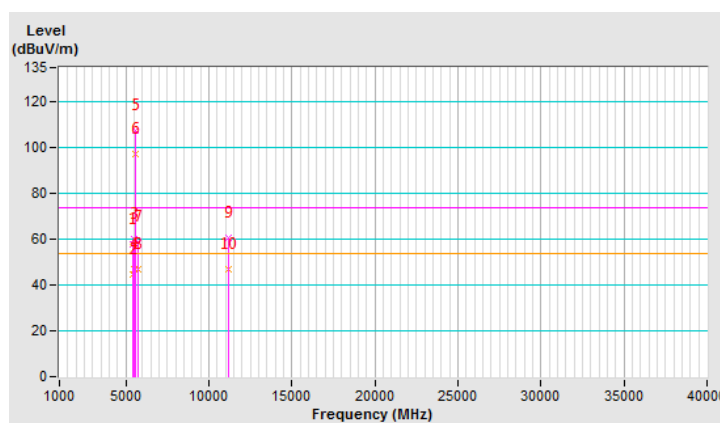


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 122：5610 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 13 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	57.6 PK	74.0	-16.4	2.59 V	344	53.2	4.4
2	5460.00	44.9 AV	54.0	-9.1	2.59 V	344	40.5	4.4
3	#5470.00	59.8 PK	74.0	-14.2	2.61 V	333	55.4	4.4
4	#5470.00	46.9 AV	54.0	-7.1	2.61 V	333	42.5	4.4
5	*5610.00	107.7 PK			2.55 V	342	67.6	40.1
6	*5610.00	97.0 AV			2.55 V	342	56.9	40.1
7	#5725.00	59.1 PK	74.0	-14.9	2.81 V	338	54.7	4.4
8	#5725.00	46.7 AV	54.0	-7.3	2.81 V	338	42.3	4.4
9	11220.00	60.6 PK	74.0	-13.4	3.04 V	261	42.9	17.7
10	11220.00	46.7 AV	54.0	-7.3	3.04 V	261	29.0	17.7
	16590.00	-	-	-	-	-	-	-
	22120.00	-	-	-	-	-	-	-
	27650.00	-	-	-	-	-	-	-
	33180.00	-	-	-	-	-	-	-
	38710.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

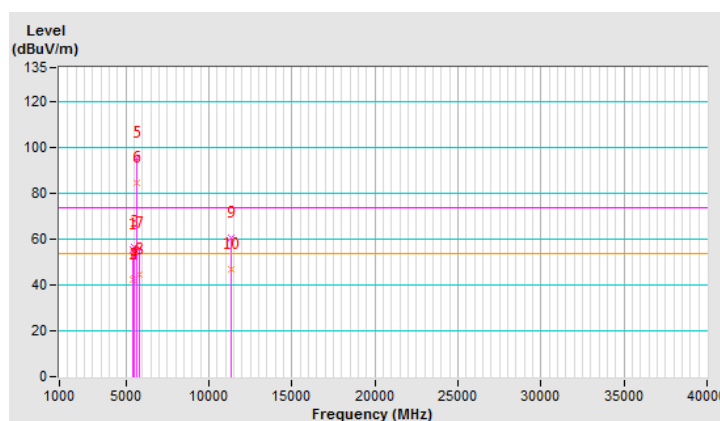


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 138 : 5690 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 13 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	55.4 PK	74.0	-18.6	2.59 H	199	51.0	4.4
2	5460.00	42.5 AV	54.0	-11.5	2.59 H	199	38.1	4.4
3	#5470.00	56.5 PK	74.0	-17.5	2.55 H	191	52.1	4.4
4	#5470.00	43.1 AV	54.0	-10.9	2.55 H	191	38.7	4.4
5	*5690.00	95.6 PK			2.43 H	193	55.6	40.0
6	*5690.00	84.4 AV			2.43 H	193	44.4	40.0
7	#5825.00	56.3 PK	74.0	-17.7	2.50 H	202	51.5	4.8
8	#5825.00	44.9 AV	54.0	-9.1	2.50 H	202	40.1	4.8
9	11380.00	60.5 PK	74.0	-13.5	2.78 H	229	43.0	17.5
10	11380.00	47.0 AV	54.0	-7.0	2.78 H	229	29.5	17.5
	17070.00	-	-	-	-	-	-	-
	22760.00	-	-	-	-	-	-	-
	28450.00	-	-	-	-	-	-	-
	34140.00	-	-	-	-	-	-	-
	39830.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

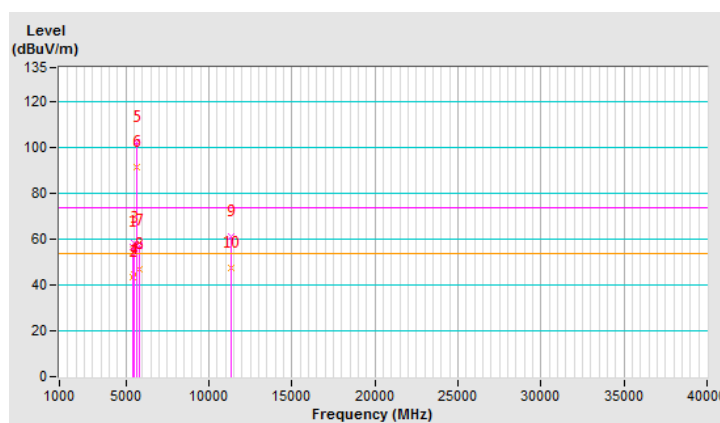


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 138：5690 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 13 日	測試者：	彭民達

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	56.8 PK	74.0	-17.2	2.59 V	177	52.4	4.4
2	5460.00	43.6 AV	54.0	-10.4	2.59 V	177	39.2	4.4
3	#5470.00	58.2 PK	74.0	-15.8	2.65 V	171	53.8	4.4
4	#5470.00	44.4 AV	54.0	-9.6	2.65 V	171	40.0	4.4
5	*5690.00	102.5 PK			2.55 V	180	62.5	40.0
6	*5690.00	91.5 AV			2.55 V	180	51.5	40.0
7	#5825.00	57.2 PK	74.0	-16.8	1.81 V	163	52.4	4.8
8	#5825.00	46.9 AV	54.0	-7.1	1.81 V	163	42.1	4.8
9	11380.00	61.0 PK	74.0	-13.0	2.87 V	229	43.5	17.5
10	11380.00	47.3 AV	54.0	-6.7	2.87 V	229	29.8	17.5
	17070.00	-	-	-	-	-	-	-
	22760.00	-	-	-	-	-	-	-
	28450.00	-	-	-	-	-	-	-
	34140.00	-	-	-	-	-	-	-
	39830.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

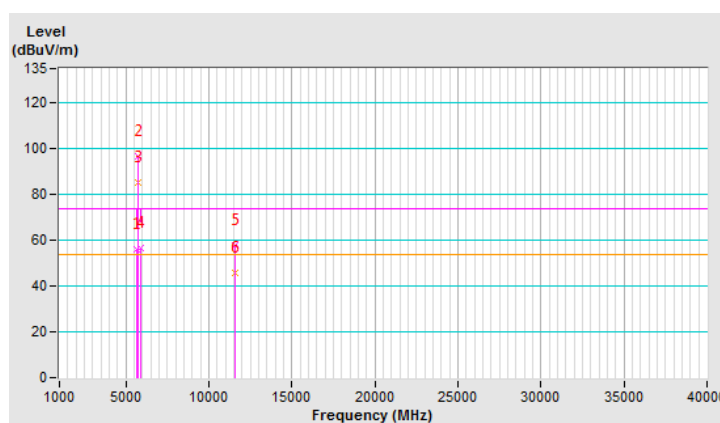


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155：5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5650.00	56.0 PK	68.2	-12.2	2.10 H	200	51.4	4.6
2	*5775.00	96.4 PK			2.19 H	192	56.2	40.2
3	*5775.00	85.4 AV			2.19 H	192	45.2	40.2
4	#5925.00	56.7 PK	68.2	-11.5	2.21 H	199	51.5	5.2
5	11550.00	58.0 PK	74.0	-16.0	2.87 H	221	40.2	17.8
6	11550.00	45.5 AV	54.0	-8.5	2.87 H	221	27.7	17.8
	17325.00	-	-	-	-	-	-	-
	23100.00	-	-	-	-	-	-	-
	28875.00	-	-	-	-	-	-	-
	34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

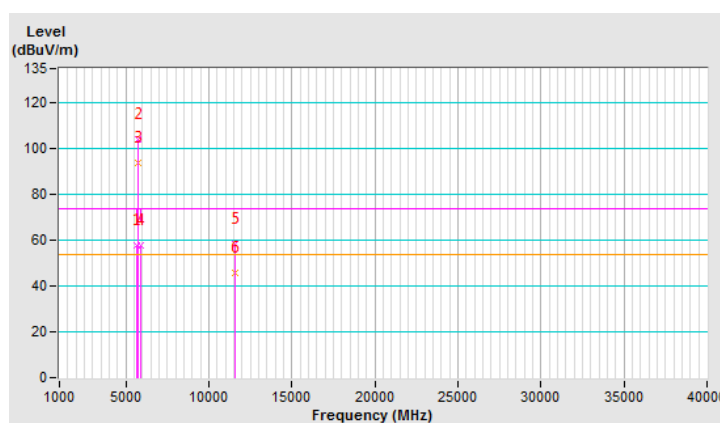


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155 : 5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5650.00	57.8 PK	68.2	-10.4	2.68 V	354	53.2	4.6
2	*5775.00	104.3 PK			2.58 V	358	64.1	40.2
3	*5775.00	93.7 AV			2.58 V	358	53.5	40.2
4	#5925.00	57.7 PK	68.2	-10.5	2.59 V	359	52.5	5.2
5	11550.00	58.4 PK	74.0	-15.6	2.29 V	178	40.6	17.8
6	11550.00	45.9 AV	54.0	-8.1	2.29 V	178	28.1	17.8
	17325.00	-	-	-	-	-	-	-
	23100.00	-	-	-	-	-	-	-
	28875.00	-	-	-	-	-	-	-
	34650.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 4.7.3)

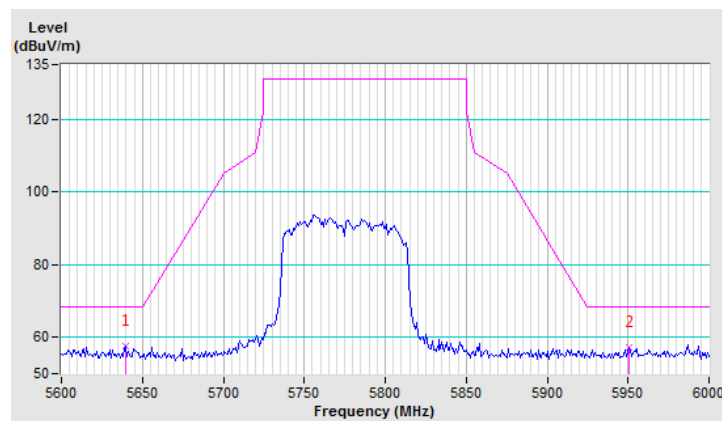


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155 : 5775 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5640.00	57.4 PK	68.2	-10.8	2.19 H	192	52.9	4.5
2	#5950.40	57.3 PK	68.2	-10.9	2.19 H	192	52.1	5.2

Remarks:

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

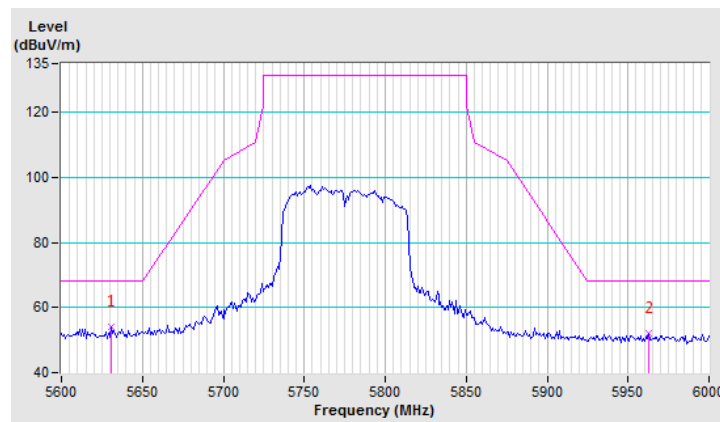


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155 : 5775 MHz (OOBE)	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5630.40	54.2 PK	68.2	-14.0	2.58 V	358	49.7	4.5
2	#5962.40	52.1 PK	68.2	-16.1	2.58 V	358	46.9	5.2

Remarks:

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



9.6.2 接收諧波

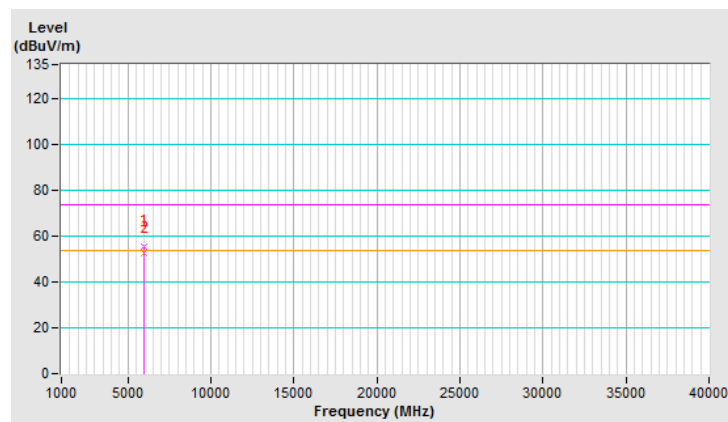
802.11a

操作模式：	接收	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：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	6000.00	55.6 PK	74.0	-18.4	1.31 H	217	50.3	5.3
2	6000.00	52.6 AV	54.0	-1.4	1.31 H	217	47.3	5.3

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

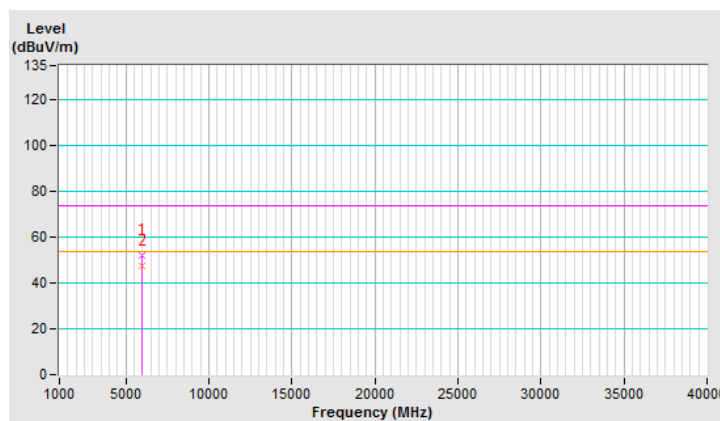


操作模式：	接收	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	23°C	量測場地濕度：	66%RH
測試日期：	107 年 06 月 14 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	6000.00	52.3 PK	74.0	-21.7	2.35 V	156	47.0	5.3
2	6000.00	47.4 AV	54.0	-6.6	2.35 V	156	42.1	5.3

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



9.6.3 其它不必要之訊號

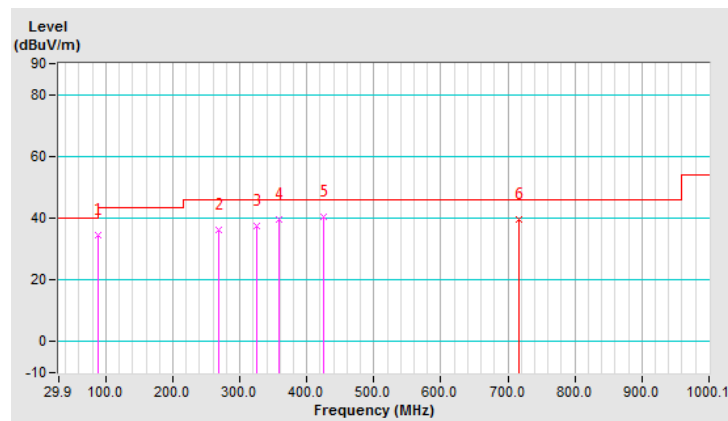
802.11a

操作模式：	發射/接收	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 15 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	88.23	34.3 QP	43.5	-9.2	2.00 H	93	48.9	-14.6
2	269.05	36.1 QP	46.0	-9.9	1.00 H	16	44.3	-8.2
3	325.43	37.6 QP	46.0	-8.4	1.00 H	98	44.1	-6.5
4	358.48	39.7 QP	46.0	-6.3	1.00 H	202	45.8	-6.1
5	424.59	40.3 QP	46.0	-5.7	1.00 H	104	44.8	-4.5
6	716.53	39.7 QP	46.0	-6.3	2.00 H	345	38.2	1.5

Remarks:

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

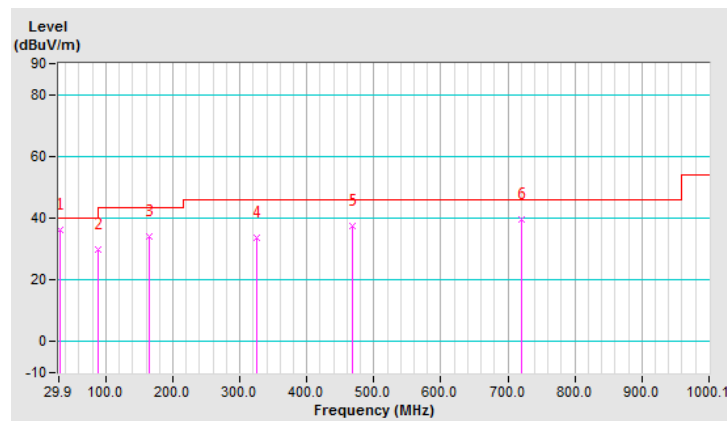


操作模式：	發射/接收	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 15 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	31.84	36.3 QP	40.0	-3.7	1.51 V	191	47.3	-11.0
2	88.23	30.0 QP	43.5	-13.5	1.01 V	101	44.6	-14.6
3	164.06	33.9 QP	43.5	-9.6	1.01 V	176	42.8	-8.9
4	325.43	33.6 QP	46.0	-12.4	1.51 V	154	40.1	-6.5
5	467.36	37.3 QP	46.0	-8.7	1.01 V	186	40.9	-3.6
6	720.12	39.7 QP	46.0	-6.3	2.00 V	164	38.0	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
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 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0.15MHz至30MHz之間之電源線傳導放射強度。

10.3 量測儀器

同 5.3 節。

10.4 測試配置

同 5.4 節。

10.5 干擾值之計算

同 5.5 節。

10.6 量測結果

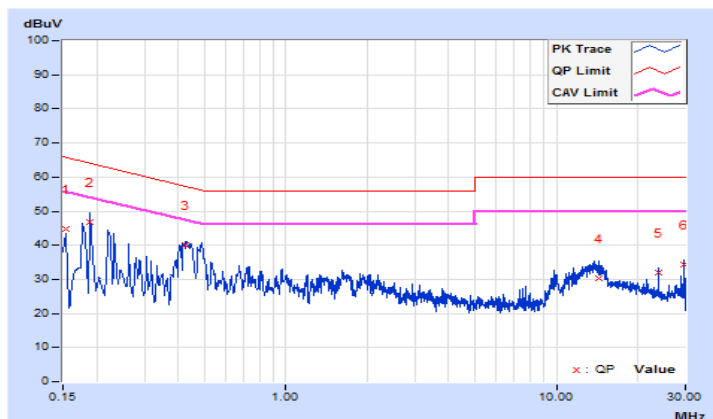
802.11a

操作模式	發射/接收	測試日期	107 年 06 月 19 日
基本波頻率	CH 60 : 5300 MHz	量測場地溫度	23°C
調變技術	OFDM	量測場地濕度	69%RH
測試者	鄭詠璋		

		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	10.10	34.78	15.64	44.88	25.74	65.79	55.79	-20.91	-30.05
0.18903	10.10	36.84	16.58	46.94	26.68	64.08	54.08	-17.14	-27.40
0.42782	10.12	29.96	20.09	40.08	30.21	57.29	47.29	-17.21	-17.08
14.28856	10.87	19.40	13.94	30.27	24.81	60.00	50.00	-29.73	-25.19
23.83287	11.28	20.81	19.63	32.09	30.91	60.00	50.00	-27.91	-19.09
29.78780	11.39	22.79	22.14	34.18	33.53	60.00	50.00	-25.82	-16.47

Note:

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

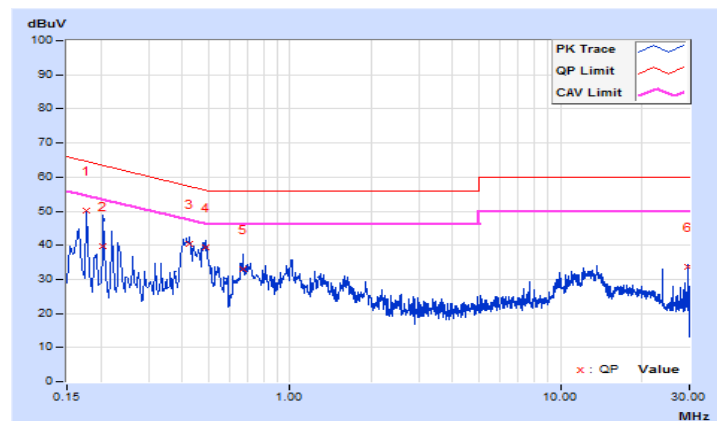


操作模式	發射/接收	測試日期	107 年 06 月 19 日
基本波頻率	CH 60 : 5300 MHz	量測場地溫度	23°C
調變技術	OFDM	量測場地濕度	69%RH
測試者	鄭詠璋		

		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.
0.17744	10.10	40.12	25.58	50.22	35.68	64.60	54.60	-14.38	-18.92
0.20474	10.10	29.48	10.55	39.58	20.65	63.42	53.42	-23.84	-32.77
0.42761	10.12	30.22	21.48	40.34	31.60	57.30	47.30	-16.96	-15.70
0.48626	10.12	29.43	22.99	39.55	33.11	56.23	46.23	-16.68	-13.12
0.67003	10.12	22.87	15.77	32.99	25.89	56.00	46.00	-23.01	-20.11
29.78780	11.07	22.50	22.28	33.57	33.35	60.00	50.00	-26.43	-16.65

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 峰值傳導輸出功率量測及發射頻寬之要求

11.1 適用標準

待測物操作頻帶	適用標準
☒ 5.15 GHz~5.25 GHz	請見本報告 3.1 節第 6 項(II)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

輸出峰值功率量測方法:

- 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。
- 計算其輸出功率峰值。

對於發射的頻道其中心頻率點低於 5.725GHz, 但其發射頻寬跨越至5725~5850 MHz頻帶:

- 將待測物輸出接到頻譜分析儀上。
- 設定待測物處於連續發射狀態。
- 設定頻譜掃瞄寬為26dB occupied bandwidth。
- 設置解析頻寬為1MHz, 視訊頻寬為3倍的解析頻寬。
- 設置測試掃瞄點數要大於2倍的(span/RBW)。
- 設置檢波器為RMS。
- 設置掃瞄時間為auto。
- 設置Trigger模式為free run (當Duty cycle大於98%); 設置Trigger模式為Video trigger(當Duty cycle小於98%)。
- 設置Trace mode為average 至少100次。
- 待掃描結果穩定。
- 使用頻譜的內建band power功能,量測26dB bandwidth內最大功率值。

發射頻寬量測方法:

- 將待測物輸出經由衰減器接到頻譜分析儀上。
- 設定待測物處於連續發射狀態。
- 最大輸出功率峰值減26dB的最大頻率範圍。

11.3 量測儀器

峰值傳導輸出功率量測儀器:同7.3節。

發射頻寬之量測儀器: 同6.3節。

11.4 測試配置

峰值傳導輸出功率測試配置:同7.4節。

發射頻寬之測試配置: 同6.4節。

11.5 量測結果

操作模式	發射	測試日期	107 年 06 月 28 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	劉福龍		

Power Output:

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	12.01	13.03	35.976	15.56	24.00	Pass
40	5200	11.64	12.77	33.511	15.25	24.00	Pass
48	5240	11.94	12.98	35.492	15.50	24.00	Pass
52	5260	16.10	16.81	88.711	19.48	23.89	Pass
60	5300	16.23	16.71	88.857	19.49	23.96	Pass
64	5320	14.50	14.96	59.517	17.75	23.90	Pass
100	5500	14.63	14.02	54.275	17.35	23.92	Pass
116	5580	16.69	16.77	94.200	19.74	23.94	Pass
140	5700	13.94	14.02	50.009	16.99	23.88	Pass
144	5720 For U-NII-2C	10.47	8.12	18.569	12.69	22.71	Pass
144	5720 For U-NII-3	3.67	2.10	4.161	6.19	30.00	Pass
149	5745	15.66	16.05	77.085	18.87	30.00	Pass
157	5785	16.22	16.71	88.760	19.48	30.00	Pass
165	5825	16.21	16.92	90.987	19.59	30.00	Pass

Note:

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

Chain 0

1. $11\text{dBm} + 10\log(19.48) = 23.89\text{ dBm} < 24\text{dBm}$
2. $11\text{dBm} + 10\log(19.81) = 23.96\text{ dBm} < 24\text{dBm}$
3. $11\text{dBm} + 10\log(19.53) = 23.90\text{ dBm} < 24\text{dBm}$
4. $11\text{dBm} + 10\log(19.85) = 23.98\text{ dBm} < 24\text{dBm}$
5. $11\text{dBm} + 10\log(19.69) = 23.94\text{ dBm} < 24\text{dBm}$
6. $11\text{dBm} + 10\log(19.79) = 23.96\text{ dBm} < 24\text{dBm}$
7. $11\text{dBm} + 10\log(5725.00 - 5710.00) = 22.76\text{ dBm} < 24\text{dBm}$.

Chain 1

1. $11\text{dBm} + 10\log(20.21) = 24.06\text{ dBm} > 24\text{dBm}$
2. $11\text{dBm} + 10\log(21.34) = 24.29\text{ dBm} > 24\text{dBm}$
3. $11\text{dBm} + 10\log(19.99) = 24.01\text{ dBm} > 24\text{dBm}$
4. $11\text{dBm} + 10\log(19.63) = 23.92\text{ dBm} < 24\text{dBm}$
5. $11\text{dBm} + 10\log(19.78) = 23.96\text{ dBm} < 24\text{dBm}$
6. $11\text{dBm} + 10\log(19.45) = 23.88\text{ dBm} < 24\text{dBm}$
7. $11\text{dBm} + 10\log(5725.00 - 5710.16) = 22.71\text{ dBm} < 24\text{dBm}$.

802.11n (HT20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	12.34	13.23	38.178	15.82	24.00	Pass
40	5200	11.92	12.97	35.375	15.49	24.00	Pass
48	5240	12.18	13.15	37.174	15.70	24.00	Pass
52	5260	16.66	17.31	100.172	20.01	24.00	Pass
60	5300	16.65	17.47	102.085	20.09	24.00	Pass
64	5320	14.22	14.76	56.347	17.51	24.00	Pass
100	5500	15.50	14.83	65.890	18.19	24.00	Pass
116	5580	16.73	16.68	93.657	19.72	24.00	Pass
140	5700	13.81	13.86	48.366	16.85	24.00	Pass
144	5720 For U-NII-2C	9.39	8.50	16.666	12.22	22.86	Pass
144	5720 For U-NII-3	1.91	0.51	2.829	4.52	30.00	Pass
149	5745	15.54	15.82	74.004	18.69	30.00	Pass
157	5785	16.69	17.57	103.814	20.16	30.00	Pass
165	5825	16.58	17.45	101.089	20.05	30.00	Pass

Note:

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

Chain 0

1. $11\text{dBm} + 10\log(20.56) = 24.13\text{ dBm} > 24\text{dBm}$
2. $11\text{dBm} + 10\log(21.24) = 24.27\text{ dBm} > 24\text{dBm}$
3. $11\text{dBm} + 10\log(20.34) = 24.08\text{ dBm} > 24\text{dBm}$
4. $11\text{dBm} + 10\log(20.10) = 24.03\text{ dBm} > 24\text{dBm}$
5. $11\text{dBm} + 10\log(20.47) = 24.11\text{ dBm} > 24\text{dBm}$
6. $11\text{dBm} + 10\log(20.66) = 24.15\text{ dBm} > 24\text{dBm}$
7. $11\text{dBm} + 10\log(5725.00 - 5709.65) = 22.86\text{ dBm} < 24\text{dBm}$.

Chain 1

1. $11\text{dBm} + 10\log(21.60) = 24.34\text{ dBm} > 24\text{dBm}$
2. $11\text{dBm} + 10\log(23.64) = 24.74\text{ dBm} > 24\text{dBm}$
3. $11\text{dBm} + 10\log(20.92) = 24.21\text{ dBm} > 24\text{dBm}$
4. $11\text{dBm} + 10\log(20.76) = 24.17\text{ dBm} > 24\text{dBm}$
5. $11\text{dBm} + 10\log(20.45) = 24.11\text{ dBm} > 24\text{dBm}$
6. $11\text{dBm} + 10\log(22.29) = 24.48\text{ dBm} > 24\text{dBm}$
7. $11\text{dBm} + 10\log(5725.00 - 5709.41) = 22.93\text{ dBm} < 24\text{dBm}$.

802.11n (HT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	12.09	12.91	35.724	15.53	24.00	Pass
46	5230	12.01	12.89	35.339	15.48	24.00	Pass
54	5270	15.98	16.71	86.509	19.37	24.00	Pass
62	5310	14.21	14.82	56.702	17.54	24.00	Pass
102	5510	14.97	14.25	58.012	17.64	24.00	Pass
110	5550	16.92	16.22	91.083	19.59	24.00	Pass
134	5670	16.22	16.56	87.169	19.40	24.00	Pass
142	5710 For U-NII-2C	7.82	5.95	11.496	10.61	24.00	Pass
142	5710 For U-NII-3	-5.13	-6.12	0.634	-1.98	30.00	Pass
151	5755	13.54	14.16	48.656	16.87	30.00	Pass
159	5795	17.02	17.39	105.178	20.22	30.00	Pass

Note:

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

Chain 0

1. $11\text{dBm} + 10\log(41.96) = 27.23\text{ dBm} > 24\text{dBm}$
2. $11\text{dBm} + 10\log(41.76) = 27.21\text{ dBm} > 24\text{dBm}$
3. $11\text{dBm} + 10\log(41.87) = 27.22\text{ dBm} > 24\text{dBm}$
4. $11\text{dBm} + 10\log(42.00) = 27.23\text{ dBm} > 24\text{dBm}$
5. $11\text{dBm} + 10\log(46.61) = 27.68\text{ dBm} > 24\text{dBm}$
6. $11\text{dBm} + 10\log(5725.00 - 5688.97) = 26.57\text{ dBm} > 24\text{dBm}$.

Chain 1

1. $11\text{dBm} + 10\log(42.13) = 27.25\text{ dBm} > 24\text{dBm}$
2. $11\text{dBm} + 10\log(41.40) = 27.17\text{ dBm} > 24\text{dBm}$
3. $11\text{dBm} + 10\log(42.01) = 27.23\text{ dBm} > 24\text{dBm}$
4. $11\text{dBm} + 10\log(41.67) = 27.20\text{ dBm} > 24\text{dBm}$
5. $11\text{dBm} + 10\log(48.13) = 27.82\text{ dBm} > 24\text{dBm}$
6. $11\text{dBm} + 10\log(5725.00 - 5689.08) = 26.55\text{ dBm} > 24\text{dBm}$.

802.11ac (VHT80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	12.34	13.24	38.226	15.82	24.00	Pass
58	5290	11.32	11.55	27.841	14.45	24.00	Pass
106	5530	16.66	16.83	94.540	19.76	24.00	Pass
122	5610	11.22	12.26	30.070	14.78	24.00	Pass
138	5690 For U-NII-2C	4.10	3.05	5.528	7.43	24.00	Pass
138	5690 For U-NII-3	-12.55	-12.80	0.1302	-8.85	30.00	Pass
155	5775	13.78	14.13	49.760	16.97	30.00	Pass

Note:

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

Chain 0

1. $11\text{dBm} + 10\log(83.30) = 30.21\text{ dBm} > 24\text{dBm}$
2. $11\text{dBm} + 10\log(84.00) = 30.24\text{ dBm} > 24\text{dBm}$
3. $11\text{dBm} + 10\log(83.14) = 30.20\text{ dBm} > 24\text{dBm}$
4. $11\text{dBm} + 10\log(5725.00 - 5648.19) = 29.85\text{ dBm} > 24\text{dBm}$.

Chain 1

1. $11\text{dBm} + 10\log(82.97) = 30.19\text{ dBm} > 24\text{dBm}$
2. $11\text{dBm} + 10\log(83.14) = 30.20\text{ dBm} > 24\text{dBm}$
3. $11\text{dBm} + 10\log(84.30) = 30.26\text{ dBm} > 24\text{dBm}$
4. $11\text{dBm} + 10\log(5725.00 - 5648.26) = 29.85\text{ dBm} > 24\text{dBm}$.

26dB Bandwidth:
802.11a

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	19.68	19.72
40	5200	19.79	19.52
48	5240	19.74	19.22
52	5260	19.48	20.21
60	5300	19.81	21.34
64	5320	19.53	19.99
100	5500	19.85	19.63
116	5580	19.69	19.78
140	5700	19.79	19.45
144	5720 For U-NII-2C	15.00	14.84

802.11n (HT20)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	20.29	20.20
40	5200	20.23	20.19
48	5240	20.68	20.41
52	5260	20.56	21.60
60	5300	21.24	23.64
64	5320	20.34	20.92
100	5500	20.10	20.76
116	5580	20.47	20.45
140	5700	20.66	22.29
144	5720 For U-NII-2C	15.35	15.59

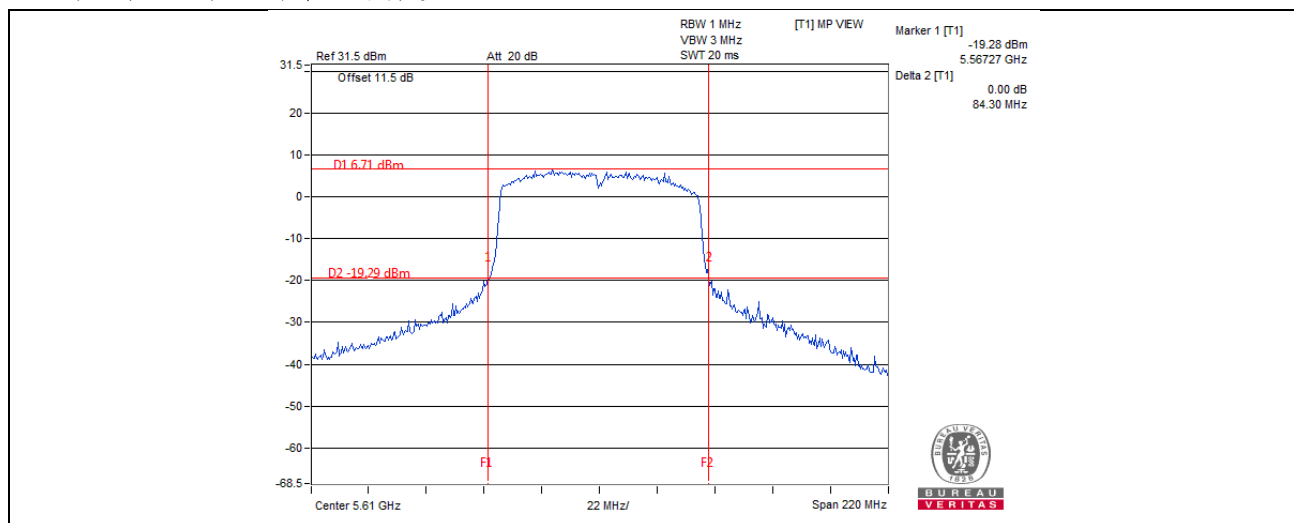
802.11n (HT40)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	41.64	42.70
46	5230	41.94	41.87
54	5270	41.96	42.13
62	5310	41.76	41.40
102	5510	41.87	42.01
110	5550	42.00	41.67
134	5670	46.61	48.13
142	5710 For U-NII-2C	36.03	35.92

802.11ac (VHT80)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	83.72	83.24
58	5290	83.30	82.97
106	5530	84.00	83.14
122	5610	83.14	84.30
138	5690 For U-NII-2C	76.81	76.74

**此測試圖僅放測試結果最差的頻道。



11.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

12 功率頻譜密度之量測

12.1 適用標準

待測物操作頻帶	適用標準
☒ 5.15 GHz~5.25 GHz	請見本報告 3.1 節第 7 項(II)及 4 項(II)的規定
☒ 5.25 GHz~5.35 GHz	請見本報告 3.1 節第 7 項(III)及 4 項(III)的規定
☒ 5.470 GHz~5.725 GHz	請見本報告 3.1 節第 7 項(III)及 4 項(III)的規定
☒ 5.725 GHz~5.850 GHz	請見本報告 3.1 節第 7 項(IV)及 4 項(IV)的規定

12.2 量測方法

For 5180 ~ 5240MHz & 5260 ~ 5320MHz & 5500 ~ 5720MHz:

Using method SA-1, Duty cycle >98%:

- 1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- 2) Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = power averaging (rms)
- 3) Number of points in sweep ≥ 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

Using method SA-2, Duty cycle <98%

- 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 ≥ 3 MHz, Detector = power averaging (rms)
- 4) Number of points in sweep ≥ 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 5745 ~ 5825MHz:

The following adjustments to above procedures apply:

- 1) When RBW=300 kHz is used:
Set RBW = 300 kHz, Set VBW ≥ 3 RBW.
- 2) When reduced resolution bandwidth (< 500 kHz) is used:
 - a) Set RBW ≥ 1/T, where T refers to the minimum transmission duration over which the transmitter is on.
 - b) Set VBW ≥ 3 RBW
 - c) Add 10 log (500 kHz/RBW) to the measured result, whereas RBW (<500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.

12.3 量測儀器

同 8.3 節。

12.4 測試配置

同 8.4 節。

12.5 量測結果

操作模式	發射	測試日期	107 年 06 月 28 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	劉福龍		

For 5180 ~ 5240MHz & 5260 ~ 5320MHz & 5500 ~ 5720MHz

802.11a

Chan.	Freq. (MHz)	PSD W/O Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD With Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	-1.19	-0.87	0.23	2.21	10.41	Pass
40	5200	-1.73	-1.06	0.23	1.85	10.41	Pass
48	5240	-2.11	-0.98	0.23	1.73	10.41	Pass
52	5260	1.73	3.04	0.23	5.67	10.41	Pass
60	5300	2.49	3.54	0.23	6.28	10.41	Pass
64	5320	0.88	2.09	0.23	4.76	10.41	Pass
100	5500	-0.28	1.00	0.23	3.64	10.41	Pass
116	5580	2.41	3.60	0.23	6.28	10.41	Pass
140	5700	0.16	1.70	0.23	4.23	10.41	Pass
144	5720 For U-NII-2C	0.31	-1.28	0.23	2.82	10.41	Pass

Note:

- Method 1 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.
- Directional gain = $3.58\text{dBi} + 10\log(2) = 6.59\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11 - (6.59 - 6) = 10.41\text{dBm}$.
- Refer to section 2.1 for duty cycle spectrum plot.

802.11n (HT20)

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	-1.40	-0.35	0.24	2.41	10.41	Pass
40	5200	-1.99	-0.66	0.24	1.98	10.41	Pass
48	5240	-1.99	-0.80	0.24	1.90	10.41	Pass
52	5260	2.27	3.50	0.24	6.18	10.41	Pass
60	5300	3.48	3.88	0.24	6.94	10.41	Pass
64	5320	0.71	1.81	0.24	4.55	10.41	Pass
100	5500	0.81	1.97	0.24	4.68	10.41	Pass
116	5580	1.82	2.93	0.24	5.66	10.41	Pass
140	5700	-0.21	1.00	0.24	3.69	10.41	Pass
144	5720 For U-NII-2C	-0.55	-2.16	0.24	1.97	10.41	Pass

Note:

- Method 1 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.
- Directional gain = $3.58\text{dBi} + 10\log(2) = 6.59\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11 - (6.59 - 6) = 10.41\text{dBm}$.
- Refer to section 2.1 for duty cycle spectrum plot.

802.11n (HT40)

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	-5.28	-4.27	0.61	-1.12	10.41	Pass
46	5230	-7.26	-5.89	0.61	-2.90	10.41	Pass
54	5270	-1.65	-0.54	0.61	2.56	10.41	Pass
62	5310	-3.65	-1.96	0.61	0.90	10.41	Pass
102	5510	-3.26	-1.94	0.61	1.07	10.41	Pass
110	5550	-1.54	-0.26	0.61	2.77	10.41	Pass
134	5670	-0.76	0.35	0.61	3.45	10.41	Pass
142	5710 For U-NII-2C	-4.23	-5.38	0.61	-1.15	10.41	Pass

Note:

1. Method 1 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 = $3.58\text{dBi} + 10\log(2) = 6.59\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11 - (6.59 - 6) = 10.41\text{dBm}$.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT80)

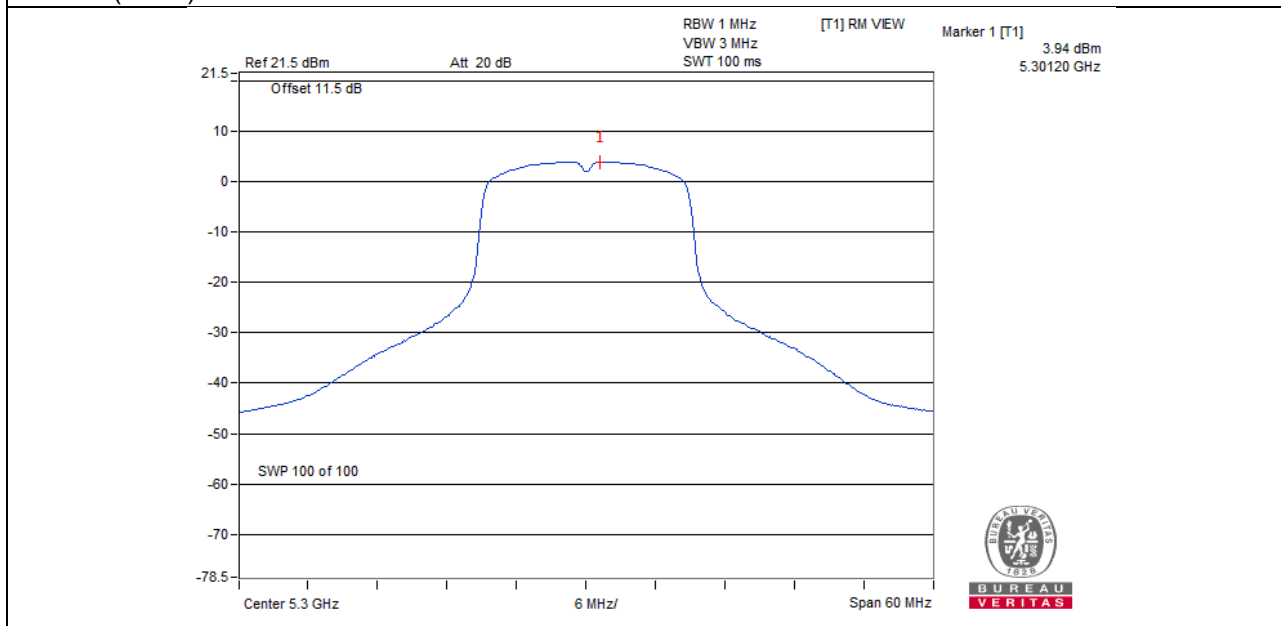
Chan.	Freq. (MHz)	PSD W/O Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD With Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
42	5210	-8.80	-7.34	0.81	-4.19	10.41	Pass
58	5290	-9.72	-8.48	0.81	-5.24	10.41	Pass
106	5530	-9.49	-7.86	0.81	-4.78	10.41	Pass
122	5610	-5.01	-3.83	0.81	-0.56	10.41	Pass
138	5690 For U-NII-2C	-8.71	-10.16	0.81	-5.56	10.41	Pass

Note:

1. Method 1 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 = $3.58\text{dBi} + 10\log(2) = 6.59\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11 - (6.59 - 6) = 10.41\text{dBm}$.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。

802.11n (HT20) / Chain 1 / CH 60



For 5745 ~ 5825MHz

802.11a

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Duty factor	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass / Fail
0	144	5720 (For U-NII-3)	-8.57	-6.35	3.01	0.23	-3.11	29.41	Pass
	149	5745	-6.71	-4.49	3.01	0.23	-1.25	29.41	Pass
	157	5785	-6.09	-3.87	3.01	0.23	-0.63	29.41	Pass
	165	5825	-6.59	-4.37	3.01	0.23	-1.13	29.41	Pass
1	144	5720 (For U-NII-3)	-9.69	-7.47	3.01	0.23	-4.23	29.41	Pass
	149	5745	-6.80	-4.58	3.01	0.23	-1.34	29.41	Pass
	157	5785	-7.06	-4.84	3.01	0.23	-1.60	29.41	Pass
	165	5825	-6.45	-4.23	3.01	0.23	-0.99	29.41	Pass

Note:

1. Method 1 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 = 3.58dBi+10log(2)=6.59dBi>6dBi, so the power density limit shall be reduced to 30-(6.59-6) = 29.41dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11n (HT20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Duty factor	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass / Fail
0	144	5720 (For U-NII-3)	-9.54	-7.32	3.01	0.24	-4.07	29.41	Pass
	149	5745	-6.91	-4.69	3.01	0.24	-1.44	29.41	Pass
	157	5785	-5.77	-3.55	3.01	0.24	-0.30	29.41	Pass
	165	5825	-6.06	-3.84	3.01	0.24	-0.59	29.41	Pass
1	144	5720 (For U-NII-3)	-10.57	-8.35	3.01	0.24	-5.10	29.41	Pass
	149	5745	-6.74	-4.52	3.01	0.24	-1.27	29.41	Pass
	157	5785	-5.97	-3.75	3.01	0.24	-0.50	29.41	Pass
	165	5825	-6.36	-4.14	3.01	0.24	-0.89	29.41	Pass

Note:

1. Method 1 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 = 3.58dBi+10log(2)=6.59dBi>6dBi, so the power density limit shall be reduced to 30-(6.59-6) = 29.41dBm.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11n (HT40)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Duty factor	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass / Fail
0	142	5710 (For U-NII-3)	-15.06	-12.84	3.01	0.61	-9.22	29.41	Pass
	151	5755	-12.37	-10.15	3.01	0.61	-6.53	29.41	Pass
	159	5795	-9.40	-7.18	3.01	0.61	-3.56	29.41	Pass
1	142	5710 (For U-NII-3)	-16.25	-14.03	3.01	0.61	-10.41	29.41	Pass
	151	5755	-12.19	-9.97	3.01	0.61	-6.35	29.41	Pass
	159	5795	-9.35	-7.13	3.01	0.61	-3.51	29.41	Pass

Note:

- Method 1 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.
- Directional gain = $3.58\text{dBi} + 10\log(2) = 6.59\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30 - (6.59 - 6) = 29.41\text{dBm}$.
- Refer to section 2.1 for duty cycle spectrum plot.

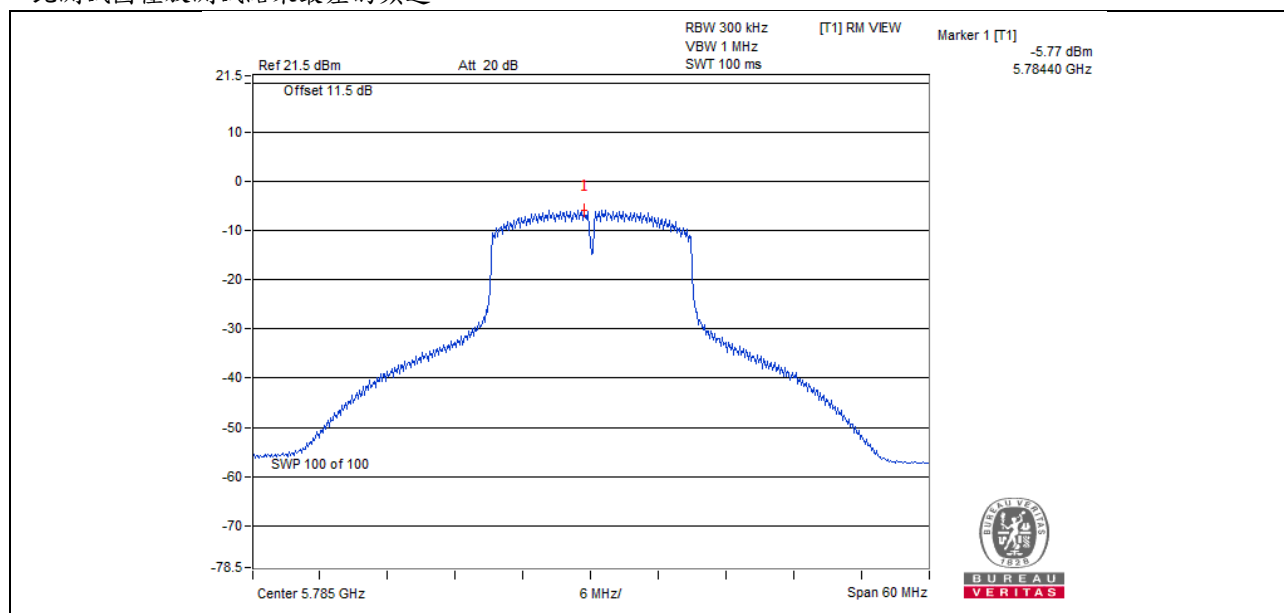
802.11ac (VHT80)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Duty factor	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass / Fail
0	138	5690 (For U-NII-3)	-21.20	-18.98	3.01	0.81	-15.16	29.41	Pass
	155	5775	-15.74	-13.52	3.01	0.81	-9.70	29.41	Pass
1	138	5690 (For U-NII-3)	-22.32	-20.10	3.01	0.81	-16.28	29.41	Pass
	155	5775	-15.68	-13.46	3.01	0.81	-9.64	29.41	Pass

Note:

- Method 1 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.
- Directional gain = $3.58\text{dBi} + 10\log(2) = 6.59\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30 - (6.59 - 6) = 29.41\text{dBm}$.
- 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 5 項(II)的規定

13.2 量測方法

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

13.3 量測儀器

同 6.3 節。

13.4 測試配置

同 6.4 節。

13.5 量測結果

操作模式	發射	測試日期	107 年 06 月 28 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	劉福龍		

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (For U-NII-3)	5720	2.62	2.63	0.5	Pass
149	5745	15.19	15.20	0.5	Pass
157	5785	15.20	15.20	0.5	Pass
165	5825	15.20	15.16	0.5	Pass

802.11n (HT20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (For U-NII-3)	5720	2.64	2.63	0.5	Pass
149	5745	15.19	15.21	0.5	Pass
157	5785	15.35	15.21	0.5	Pass
165	5825	15.18	15.16	0.5	Pass

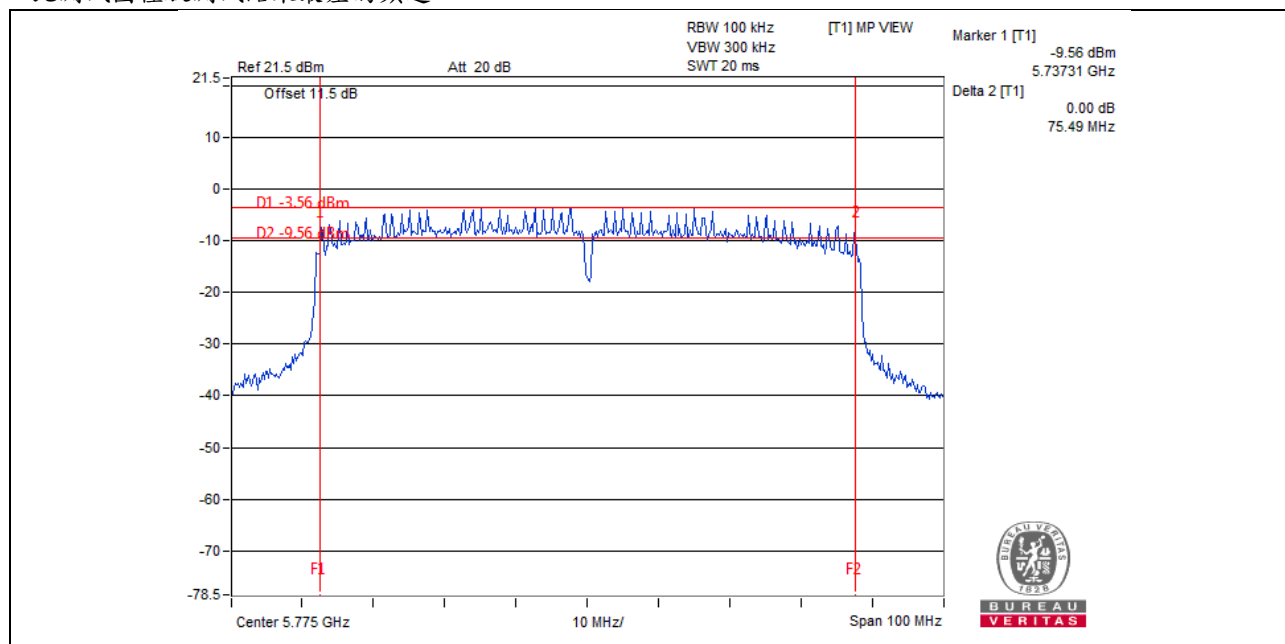
802.11n (HT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
142 (For U-NII-3)	5710	2.62	2.64	0.5	Pass
151	5755	35.22	35.20	0.5	Pass
159	5795	35.16	35.17	0.5	Pass

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
138 (For U-NII-3)	5690	2.65	2.66	0.5	Pass
155	5775	75.36	75.49	0.5	Pass

**此測試圖僅放測試結果最差的頻道。



13.6 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

Co-Located 測試項目及結果

14 場強輻射及開放頻帶邊緣之量測

14.1 適用標準

請見本報告3.1節第2項(I)、(II)、(III)的規定。

14.2 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米處。桌面要360度旋轉，另外接收天線也要從離地1米至4米升降變化，以找出最大的輻射電場強度，接收天線分別置於水平、垂直極化各執行測試一次。

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

14.3 量測儀器

同4.3節。

14.4 測試配置

同4.4節。

14.5 場強度之計算

同4.5節及9.5節。

量測結果請見下頁。

14.6 量測結果

14.6.1 發射諧波

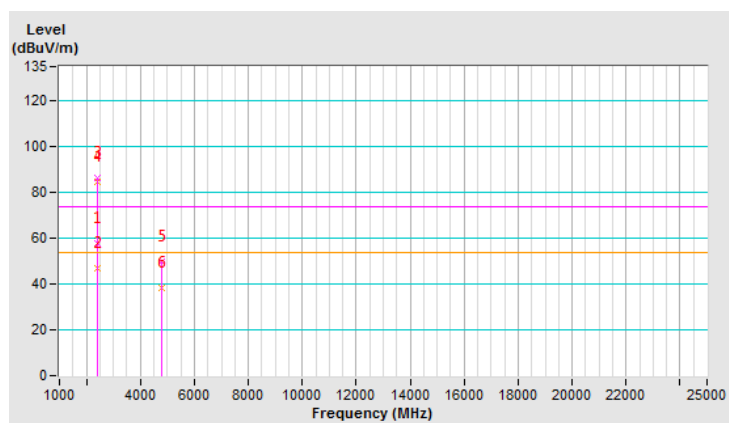
802.11n (HT20): Ch 52 + Bluetooth LE: Ch 0

操作模式：	發射	調變技術：	OFDM+GFSK
基本波頻率：	CH 52+CH 0	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	57.6 PK	74.0	-16.4	1.72 H	153	24.1	33.5
2	2390.00	46.8 AV	54.0	-7.2	1.72 H	153	13.3	33.5
3	*2402.00	86.3 PK			1.66 H	155	52.9	33.4
4	*2402.00	84.5 AV			1.66 H	155	51.1	33.4
5	4804.00	49.8 PK	74.0	-24.2	2.98 H	144	45.9	3.9
6	4804.00	38.1 AV	54.0	-15.9	2.98 H	144	34.2	3.9
	7206.00	-	-	-	-	-	-	-
	9608.00	-	-	-	-	-	-	-
	12010.00	-	-	-	-	-	-	-
	14412.00	-	-	-	-	-	-	-
	16814.00	-	-	-	-	-	-	-
	19216.00	-	-	-	-	-	-	-
	21618.00	-	-	-	-	-	-	-
	24020.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

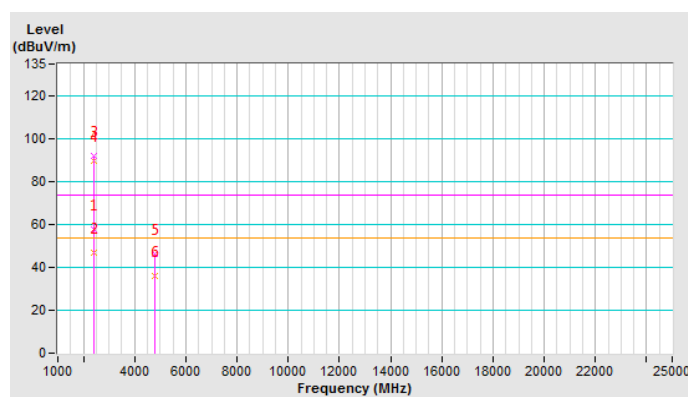


操作模式：	發射	調變技術：	OFDM+GFSK
基本波頻率：	CH 52+CH 0	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3kHz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	57.5 PK	74.0	-16.5	1.65 V	188	24.0	33.5
2	2390.00	46.7 AV	54.0	-7.3	1.65 V	188	13.2	33.5
3	*2402.00	92.0 PK			1.67 V	179	58.6	33.4
4	*2402.00	89.9 AV			1.67 V	179	56.5	33.4
5	4804.00	46.5 PK	74.0	-27.5	1.68 V	54	42.6	3.9
6	4804.00	36.2 AV	54.0	-17.8	1.68 V	54	32.3	3.9
	7206.00	-	-	-	-	-	-	-
	9608.00	-	-	-	-	-	-	-
	12010.00	-	-	-	-	-	-	-
	14412.00	-	-	-	-	-	-	-
	16814.00	-	-	-	-	-	-	-
	19216.00	-	-	-	-	-	-	-
	21618.00	-	-	-	-	-	-	-
	24020.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

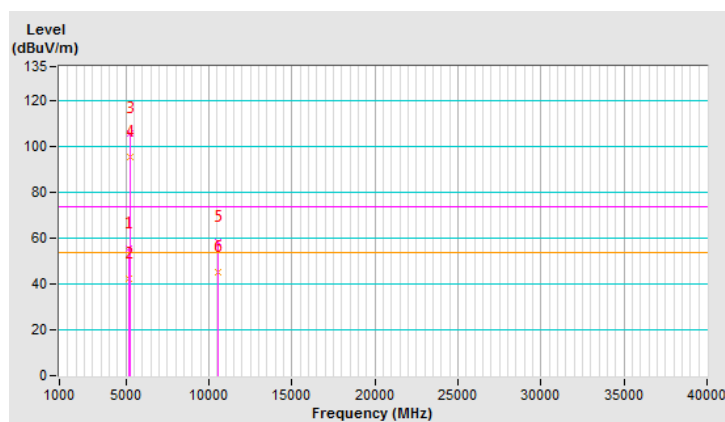


操作模式：	發射	調變技術：	OFDM+GFSK
基本波頻率：	CH 52+CH 0	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23℃	量測場地濕度：	69%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	55.7 PK	74.0	-18.3	2.36 H	192	51.8	3.9
2	5150.00	42.3 AV	54.0	-11.7	2.36 H	192	38.4	3.9
3	*5260.00	106.0 PK			2.88 H	201	66.6	39.4
4	*5260.00	95.6 AV			2.88 H	201	56.2	39.4
5	#10520.00	58.5 PK	74.0	-15.5	3.29 H	185	41.7	16.8
6	#10520.00	45.3 AV	54.0	-8.7	3.29 H	185	28.5	16.8
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

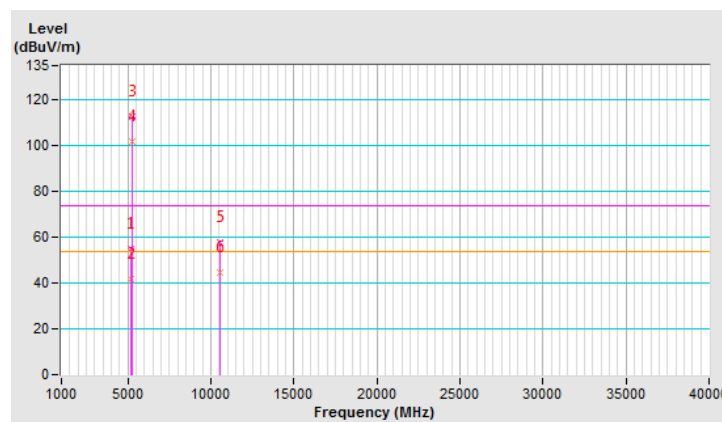


操作模式：	發射	調變技術：	OFDM+GFSK
基本波頻率：	CH 52+CH 0	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=1kHz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	54.7 PK	74.0	-19.3	3.59 V	323	50.8	3.9
2	5150.00	41.9 AV	54.0	-12.1	3.59 V	323	38.0	3.9
3	*5260.00	112.5 PK			3.71 V	329	73.1	39.4
4	*5260.00	102.0 AV			3.71 V	329	62.6	39.4
5	#10520.00	57.9 PK	74.0	-16.1	2.91 V	182	41.1	16.8
6	#10520.00	44.8 AV	54.0	-9.2	2.91 V	182	28.0	16.8
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)



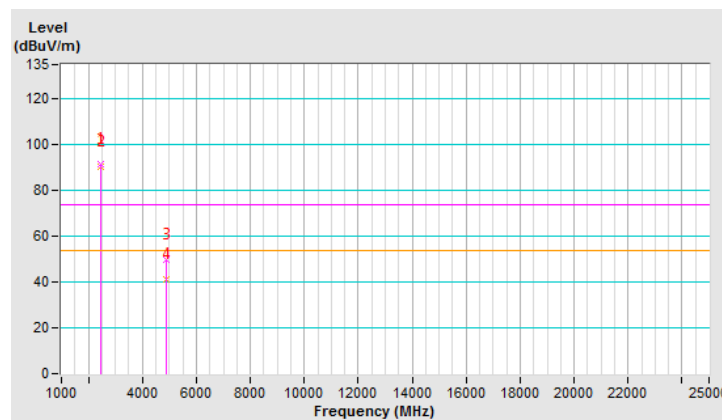
802.11n (HT20): Ch 52 + Bluetooth EDR: Ch 39

操作模式：	發射	調變技術：	OFDM+FHSS
基本波頻率：	CH 52+CH 39	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2441.00	91.8 PK			1.48 H	156	58.4	33.4
2	*2441.00	90.4 AV			1.48 H	156	57.0	33.4
3	4882.00	49.9 PK	74.0	-24.1	3.90 H	137	46.3	3.6
4	4882.00	41.4 AV	54.0	-12.6	3.90 H	137	37.8	3.6
	7323.00	-	-	-	-	-	-	-
	9764.00	-	-	-	-	-	-	-
	12205.00	-	-	-	-	-	-	-
	14646.00	-	-	-	-	-	-	-
	17087.00	-	-	-	-	-	-	-
	19528.00	-	-	-	-	-	-	-
	21969.00	-	-	-	-	-	-	-
	24410.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

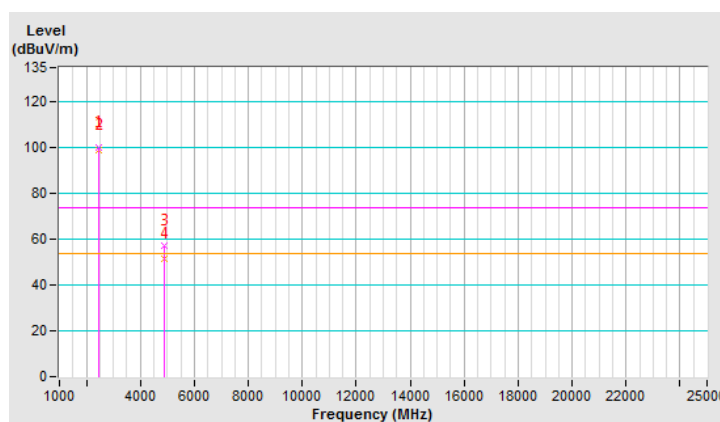


操作模式：	發射	調變技術：	OFDM+FHSS
基本波頻率：	CH 52+CH 39	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2441.00	100.0 PK			1.47 V	170	66.6	33.4
2	*2441.00	98.8 AV			1.47 V	170	65.4	33.4
3	4882.00	57.1 PK	74.0	-16.9	1.49 V	65	53.5	3.6
4	4882.00	51.6 AV	54.0	-2.4	1.49 V	65	48.0	3.6
	7323.00	-	-	-	-	-	-	-
	9764.00	-	-	-	-	-	-	-
	12205.00	-	-	-	-	-	-	-
	14646.00	-	-	-	-	-	-	-
	17087.00	-	-	-	-	-	-	-
	19528.00	-	-	-	-	-	-	-
	21969.00	-	-	-	-	-	-	-
	24410.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

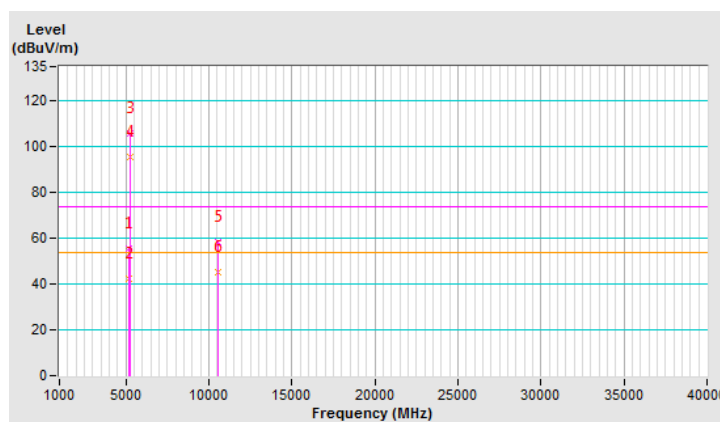


操作模式：	發射	調變技術：	OFDM+FHSS
基本波頻率：	CH 52+CH 39	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	55.5 PK	74.0	-18.5	2.55 H	187	51.6	3.9
2	5150.00	42.1 AV	54.0	-11.9	2.55 H	187	38.2	3.9
3	*5260.00	105.8 PK			2.69 H	193	66.4	39.4
4	*5260.00	95.4 AV			2.69 H	193	56.0	39.4
5	#10520.00	58.2 PK	74.0	-15.8	3.13 H	182	41.4	16.8
6	#10520.00	45.2 AV	54.0	-8.8	3.13 H	182	28.4	16.8
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)

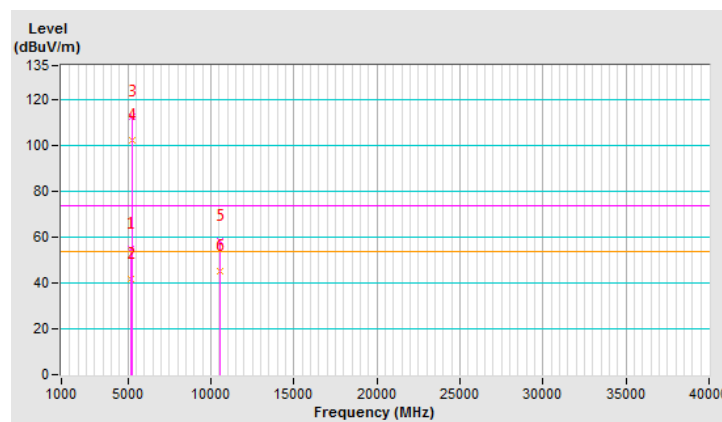


操作模式：	發射	調變技術：	OFDM+FHSS
基本波頻率：	CH 52+CH 39	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	23°C	量測場地濕度：	69%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	54.9 PK	74.0	-19.1	3.64 V	312	51.0	3.9
2	5150.00	42.0 AV	54.0	-12.0	3.64 V	312	38.1	3.9
3	*5260.00	112.7 PK			3.64 V	316	73.3	39.4
4	*5260.00	102.3 AV			3.64 V	316	62.9	39.4
5	#10520.00	58.1 PK	74.0	-15.9	2.86 V	183	41.3	16.8
6	#10520.00	45.0 AV	54.0	-9.0	2.86 V	183	28.2	16.8
	15780.00	-	-	-	-	-	-	-
	21040.00	-	-	-	-	-	-	-
	26300.00	-	-	-	-	-	-	-
	31560.00	-	-	-	-	-	-	-
	36820.00	-	-	-	-	-	-	-

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
– Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency (主頻).
6. " # ": The radiated frequency is out of the restricted band.
7. " - ": The emission levels were too low to be detected.
8. The blank is not available, the limit of fundamental frequency was restricted at the peak output power (see LP0002 3.10.1.2)



14.6.2 其它不必要之訊號

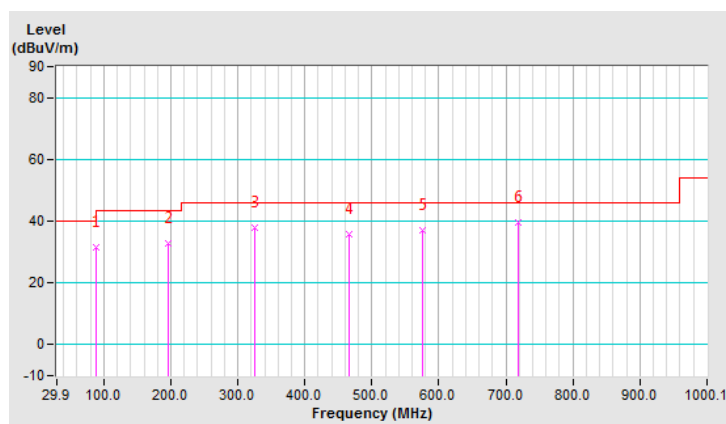
802.11n (HT20): Ch 52 + Bluetooth LE: Ch 0

操作模式：	發射/接收	調變技術：	OFDM+GFSK
基本波頻率：	CH 52+CH 0	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	24°C	量測場地濕度：	68%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	88.23	31.5 QP	43.5	-12.0	1.99 H	57	46.1	-14.6
2	197.11	32.6 QP	43.5	-10.9	1.99 H	4	44.1	-11.5
3	325.43	37.9 QP	46.0	-8.1	1.00 H	196	44.4	-6.5
4	465.42	35.9 QP	46.0	-10.1	1.50 H	271	39.5	-3.6
5	576.25	37.2 QP	46.0	-8.8	1.50 H	144	38.4	-1.2
6	718.18	39.6 QP	46.0	-6.4	1.99 H	98	38.1	1.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. 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.

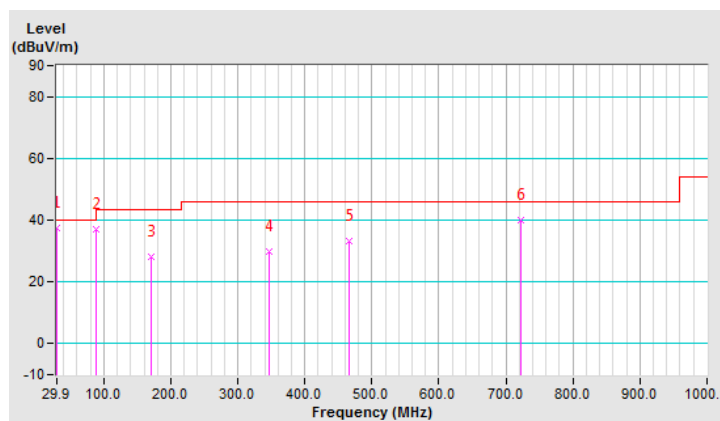


操作模式：	發射/接收	調變技術：	OFDM+GFSK
基本波頻率：	CH 52+CH 0	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	24°C	量測場地濕度：	68%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	30.00	37.4 QP	40.0	-2.6	1.00 V	83	48.5	-11.1
2	88.23	36.9 QP	43.5	-6.6	1.00 V	64	51.5	-14.6
3	169.89	28.3 QP	43.5	-15.2	1.00 V	182	37.2	-8.9
4	346.82	29.7 QP	46.0	-16.3	1.00 V	217	36.1	-6.4
5	465.42	33.4 QP	46.0	-12.6	1.00 V	42	37.0	-3.6
6	722.07	40.0 QP	46.0	-6.0	2.00 V	28	38.3	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 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.



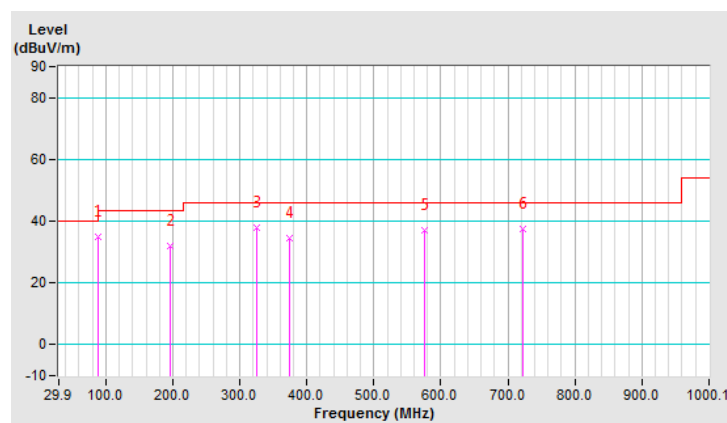
802.11n (HT20): Ch 52 + Bluetooth EDR: Ch 39

操作模式：	發射/接收	調變技術：	OFDM+FHSS
基本波頻率：	CH 52+CH 39	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	24°C	量測場地濕度：	68%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	88.23	34.9 QP	43.5	-8.6	2.00 H	41	49.5	-14.6
2	197.11	31.8 QP	43.5	-11.7	1.51 H	19	43.3	-11.5
3	325.43	38.0 QP	46.0	-8.0	1.01 H	197	44.5	-6.5
4	374.04	34.4 QP	46.0	-11.6	1.01 H	277	40.0	-5.6
5	576.25	37.1 QP	46.0	-8.9	1.51 H	137	38.3	-1.2
6	722.07	37.6 QP	46.0	-8.4	2.00 H	302	35.9	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 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.

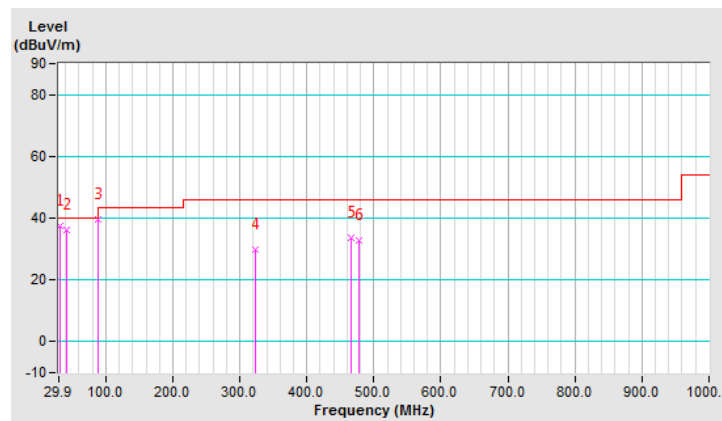


操作模式：	發射/接收	調變技術：	OFDM+FHSS
基本波頻率：	CH 52+CH 39	測試儀器：	(QP) RB=VB=120kHz
量測場地溫度：	24°C	量測場地濕度：	68%RH
測試日期：	107 年 06 月 22 日	測試者：	鄭詠璋

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	31.84	37.3 QP	40.0	-2.7	1.00 V	81	48.3	-11.0
2	41.57	36.3 QP	40.0	-3.7	1.00 V	128	46.0	-9.7
3	88.23	39.7 QP	43.5	-3.8	1.00 V	65	54.3	-14.6
4	323.49	30.0 QP	46.0	-16.0	1.00 V	267	36.5	-6.5
5	465.42	33.7 QP	46.0	-12.3	1.00 V	25	37.3	-3.6
6	477.09	32.6 QP	46.0	-13.4	1.00 V	276	35.9	-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 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.



15 電源線傳導干擾之量測

15.1 適用標準

請見本報告3.1節第1項的規定。

15.2 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。

15.3 量測儀器

同5.3節

15.4 測試配置

同5.4節

15.5 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

15.6 量測結果

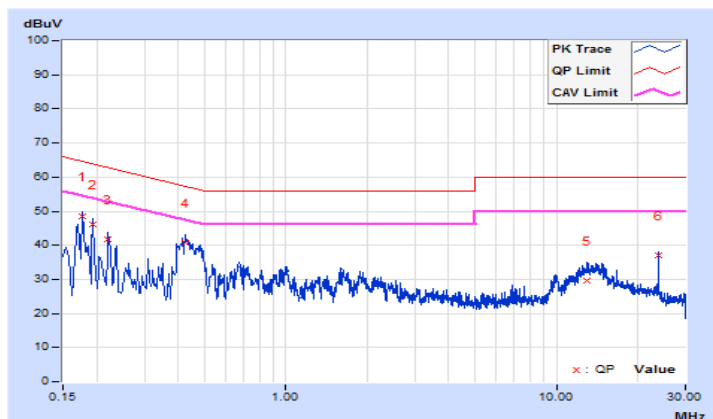
802.11n (HT20): Ch 52 + Bluetooth LE: Ch 0

操作模式	發射/接收	測試日期	107 年 06 月 22 日
基本波頻率	CH 52+CH 0	量測場地溫度	24°C
調變技術	OFDM+GFSK	量測場地濕度	66%RH
測試者	鄭詠璋		

		6 dB Bandwidth: 9kHz				PHASE: LINE (L)			
輻射頻率	校正因子	儀器讀值		結果值		限制值		餘裕度	
[MHz]	[dB]	[dB (uV)]		[dB (uV)]		[dB (uV)]		[dB]	
		Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
0.17737	9.67	38.87	22.19	48.54	31.86	64.61	54.61	-16.07	-22.75
0.19305	9.67	36.47	20.67	46.14	30.34	63.90	53.90	-17.76	-23.56
0.22038	9.67	31.94	16.39	41.61	26.06	62.80	52.80	-21.19	-26.74
0.42370	9.67	30.99	21.61	40.66	31.28	57.38	47.38	-16.72	-16.10
13.00217	9.90	19.83	14.19	29.73	24.09	60.00	50.00	-30.27	-25.91
23.83287	9.96	26.96	26.69	36.92	36.65	60.00	50.00	-23.08	-13.35

Note:

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



操作模式	發射/接收	測試日期	107 年 06 月 22 日
基本波頻率	CH 52+CH 0	量測場地溫度	24°C
調變技術	OFDM+GFSK	量測場地濕度	66%RH
測試者	鄭詠璋		

		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.
0.17698	9.68	38.83	22.70	48.51	32.38	64.63	54.63	-16.12	-22.25
0.22024	9.68	32.49	17.66	42.17	27.34	62.81	52.81	-20.64	-25.47
0.42370	9.68	31.24	21.97	40.92	31.65	57.38	47.38	-16.46	-15.73
0.48235	9.68	30.15	23.11	39.83	32.79	56.30	46.30	-16.47	-13.51
1.01799	9.69	20.98	13.83	30.67	23.52	56.00	46.00	-25.33	-22.48
23.83287	10.07	26.84	26.73	36.91	36.80	60.00	50.00	-23.09	-13.20

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.



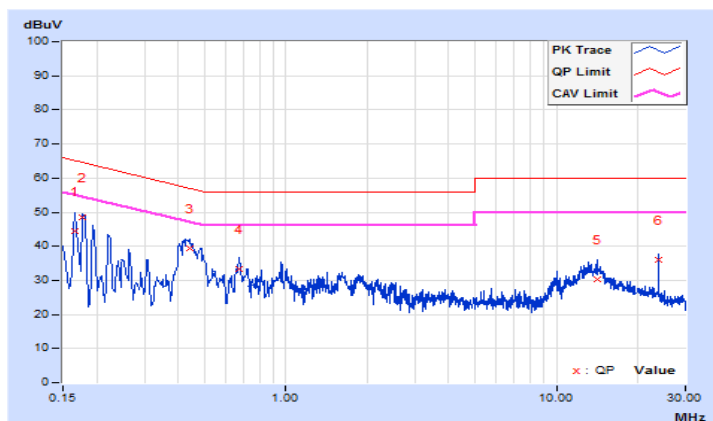
802.11n (HT20): Ch 52 + Bluetooth EDR: Ch 39

操作模式	發射/接收	測試日期	107 年 06 月 22 日
基本波頻率	CH 52+CH 39	量測場地溫度	24°C
調變技術	OFDM+FHSS	量測場地濕度	66%RH
測試者	鄭詠璋		

		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.
0.16564	9.67	34.78	14.77	44.45	24.44	65.18	55.18	-20.73	-30.74
0.17744	9.67	38.87	22.42	48.54	32.09	64.60	54.60	-16.06	-22.51
0.44325	9.67	29.66	23.04	39.33	32.71	57.00	47.00	-17.67	-14.29
0.67003	9.68	23.59	16.24	33.27	25.92	56.00	46.00	-22.73	-20.08
14.17908	9.91	20.44	14.69	30.35	24.60	60.00	50.00	-29.65	-25.40
23.82896	9.96	26.14	25.77	36.10	35.73	60.00	50.00	-23.90	-14.27

Note:

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

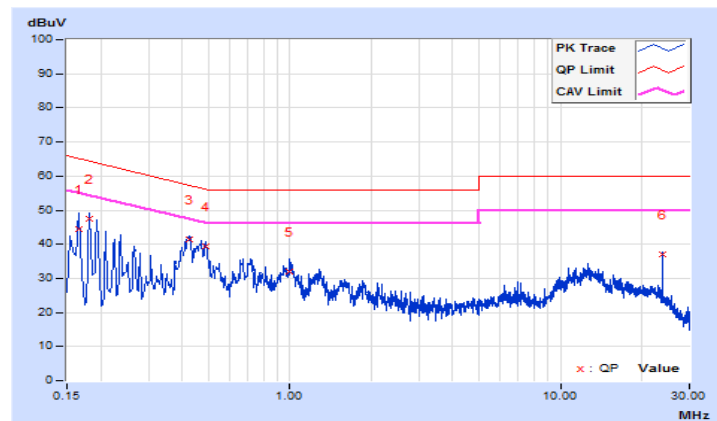


操作模式	發射/接收	測試日期	107 年 06 月 22 日
基本波頻率	CH 52+CH 39	量測場地溫度	24°C
調變技術	OFDM+FHSS	量測場地濕度	66%RH
測試者	鄭詠璋		

		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.
0.16569	9.68	34.83	15.60	44.51	25.28	65.17	55.17	-20.66	-29.89
0.18122	9.68	37.67	21.32	47.35	31.00	64.43	54.43	-17.08	-23.43
0.42761	9.68	31.62	23.31	41.30	32.99	57.30	47.30	-16.00	-14.31
0.48678	9.68	29.82	22.73	39.50	32.41	56.22	46.22	-16.72	-13.81
0.99847	9.69	22.43	14.75	32.12	24.44	56.00	46.00	-23.88	-21.56
23.83287	10.07	27.02	26.86	37.09	36.93	60.00	50.00	-22.91	-13.07

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.



16 電波暴露量之評估

16.1 適用標準

請見本報告 3.1 節第 12 項的規定。

16.2 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/cm²

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

16.3 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

附錄：動態頻率選擇

1. EUT Information

1.1 Operating Frequency Bands and Mode of EUT

Table 1: Operating Frequency Bands and Mode of EUT

Operational Mode	Operating Frequency Range	
	5250~5350MHz	5470~5725MHz
Client without radar detection and ad hoc function	✓	✓

1.2 EUT Software and Firmware Version

Table 2: The EUT Software/Firmware Version

No.	Product	Model No.	Software/Firmware Version
1	Computer	EIS-D210W	12.0.0.468

1.3 Description of Available Antennas to the EUT

Table 3: Antenna List

ANT No.	Antenna Type	Operation Frequency Range (MHz)	Max. Gain (dBi)
1	Dipole	5250-5350	3.58
1	Dipole	5470-5725	3.58

1.4 EUT Maximum Conducted Power

Table 4: The Measured Conducted Output Power

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	19.49	88.857
5470~5725	19.74	94.200

802.11n HT20

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	20.09	102.085
5470~5725	19.72	93.657

802.11n HT40

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	19.37	86.509
5470~5725	19.59	91.083

802.11ac VHT80

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	14.45	27.841
5470~5725	19.76	94.540

1.5 EUT Maximum E.I.R.P. Power

Table 5: The EIRP Output Power List

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	23.07	202.768
5470~5725	23.32	214.783

802.11n HT20

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	23.67	232.809
5470~5725	23.30	213.796

802.11n HT40

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	22.95	197.242
5470~5725	23.17	207.491

802.11ac VHT80

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	18.03	63.533
5470~5725	23.34	215.774

1.6 Transmit Power Control (TPC)

U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Maximum EIRP of this device is 232.809mW which less than 500mW, therefore it's not require TPC function.

1.7 Statement of Manufacturer

Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user. **And the device doesn't have Ad Hoc mode on DFS frequency band.**

2. U-NII DFS Rule Requirements

2.1 Working Modes and Required Test Items

The manufacturer shall state whether the UUT is capable of operating as a Master and/or a Client. If the UUT is capable of operating in more than one operating mode then each operating mode shall be tested separately. See tables 6 and 7 for the applicability of DFS requirements for each of the operational modes.

Table 6: Applicability of DFS Requirements Prior To Use a Channel

Requirement	Operational Mode		
	Master	Client without radar detection	Client with radar detection
Non-Occupancy Period	✓	✓ note	✓
DFS Detection Threshold	✓	Not required	✓
Channel Availability Check Time	✓	Not required	Not required
U-NII Detection Bandwidth	✓	Not required	✓

Note: Regarding KDB 905462 D03 Client Without DFS New Rules v01r02 section (b)(5/6), If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear. An analyzer plot that contains a single 30-minute sweep on the original channel.

Table 7: Applicability of DFS Requirements during Normal Operation.

Requirement	Operational Mode	
	Master or Client with radar detection	Client without radar detection
DFS Detection Threshold	✓	Not required
Channel Closing Transmission Time	✓	✓
Channel Move Time	✓	✓
U-NII Detection Bandwidth	✓	Not required

Additional requirements for devices with multiple bandwidth modes	Master or Client with radar detection	Client without radar detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

2.2 Test Limits and Radar Signal Parameters

Detection Threshold Values

Table 8: DFS Detection Thresholds for Master Devices And Client Devices With Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

Table 9: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

Parameters of DFS Test Signals

Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Table 10: Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \frac{1}{360} \cdot \left\lceil \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right\rceil \right\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

Table 11: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number Of Pulses Per Burst	Number Of Bursts	Minimum Percentage Of Successful Detection	Minimum Number Of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Three subsets of trials will be performed with a minimum of ten trials per subset. The subset of trials differ in where the Long Pulse Type 5 Signal is tuned in frequency.

a) the Channel center frequency
b) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth
c) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth

It include 10 trails for every subset, the formula as below,

For subset case 1: the center frequency of the signal generator will remain fixed at the center of the UUT Channel.

For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2. The center frequency of the signal generator for each trial is calculated by:

$$FL + (0.4 * \text{Chirp Width [in MHz]})$$

For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3. The center frequency of the signal generator for each trial is calculated by:

$$FH - (0.4 * \text{Chirp Width [in MHz]})$$

Table 12: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses PER HOP	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage Of Successful Detection	Minimum Number Of Trials
6	1	333	9	0.333	300	70%	30

3. Test & Support Equipment List

3.1 Test Instruments

Table 13: Test Instruments List

Description	Model No.	Brand	Date of Calibration	Due Date of Calibration
Signal generator	ESR	R&S	2018/03/01	2019/02/28
Signal generator	8645A	Agilent	2017/08/11	2018/08/10
Horn antenna	BBHA 9120 D	Schwarzbeck	2017/12/14	2018/12/13
RF coaxial cable	CA3501-3501-G.90(3m) & CA3501-3501-F.90(2m)	INFINET	2017/08/21	2018/08/20

3.2 Description of Support Units

Table 14: Support Unit Information.

No.	Product	Brand	Model No.	FCC ID	Gain
1	Router	NETGEAR	R7800	PY315100319	5G Ant gain : 1.61dBi Maximum EIRP : 25.47dBm

Note: This device was functioned as a ☒ Master ☐ Slave device during the DFS test.

Table 15: Software/Firmware Information.

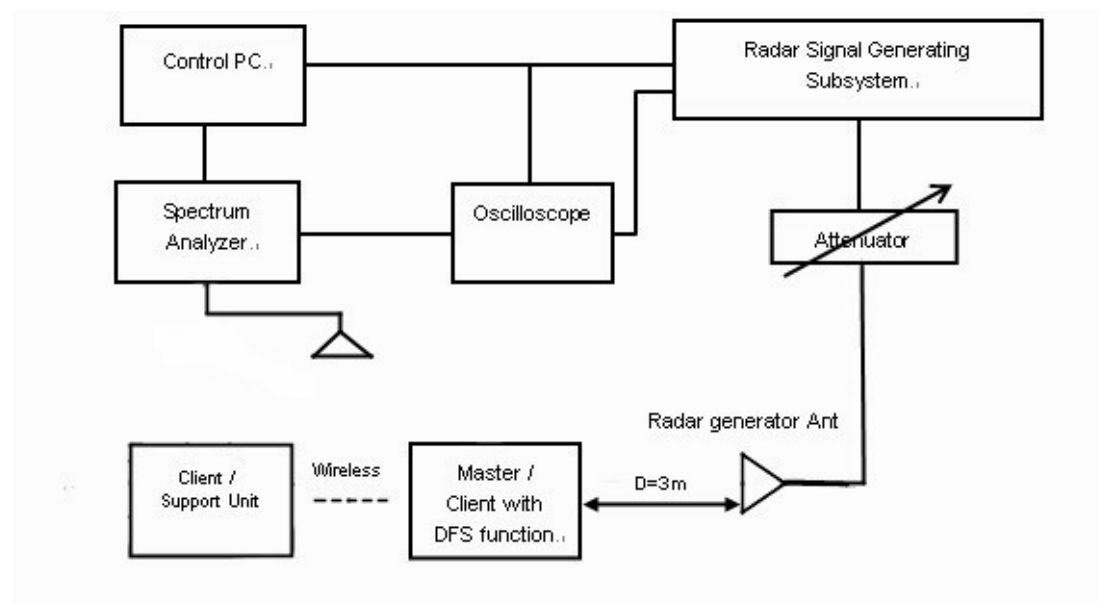
No.	Product	Model No.	Software/Firmware Version
1.	Router	R7800	V1.0.1.30

4. Test Procedure

4.1 DFS Measurement System

A complete DFS Measurement System consists of two subsystems: (1) the Radar Signal Generating Subsystem and (2) the Traffic Monitoring Subsystem. The control PC is necessary for generating the Radar waveforms in Table 10, 11 and 12. The traffic monitoring subsystem is specified to the type of unit under test (UUT).

Radiated Setup Configuration of DFS Measurement System

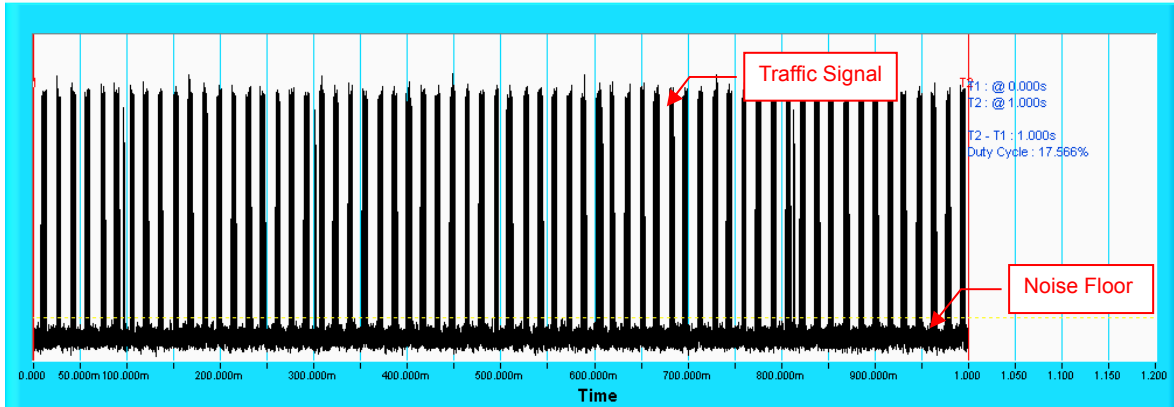


System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

	a) The data file must be of a type that is typical for the device (i.e., MPEG-2, MPEG-4, WAV, MP3, MP4, AVI, etc.) and must generally be transmitting in a streaming mode.
	b) Software to ping the client is permitted to simulate data transfer but must have random ping intervals.
V	c) Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater.
	d) Unicast or Multicast protocols are preferable but other protocols may be used. The appropriate protocol used must be described in the test procedures.

Wireless Traffic Loading

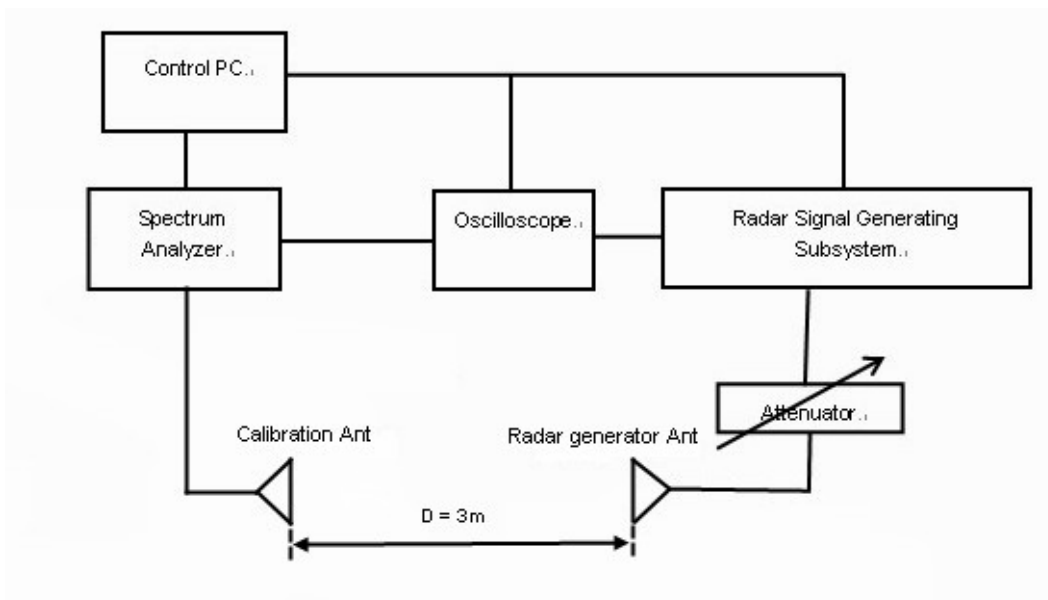
Duty Cycle



4.2 Calibration of DFS Detection Threshold Level

The measured channels are 5500MHz, 5510MHz and 5530MHz. The radar signal was the same as transmitted channels, and injected into the antenna of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The calibrated detection threshold level is set to -64dBm. The tested level is lower than required level hence it provides margin to the limit.

Radiated Setup Configuration of Calibration of DFS Detection Threshold Level

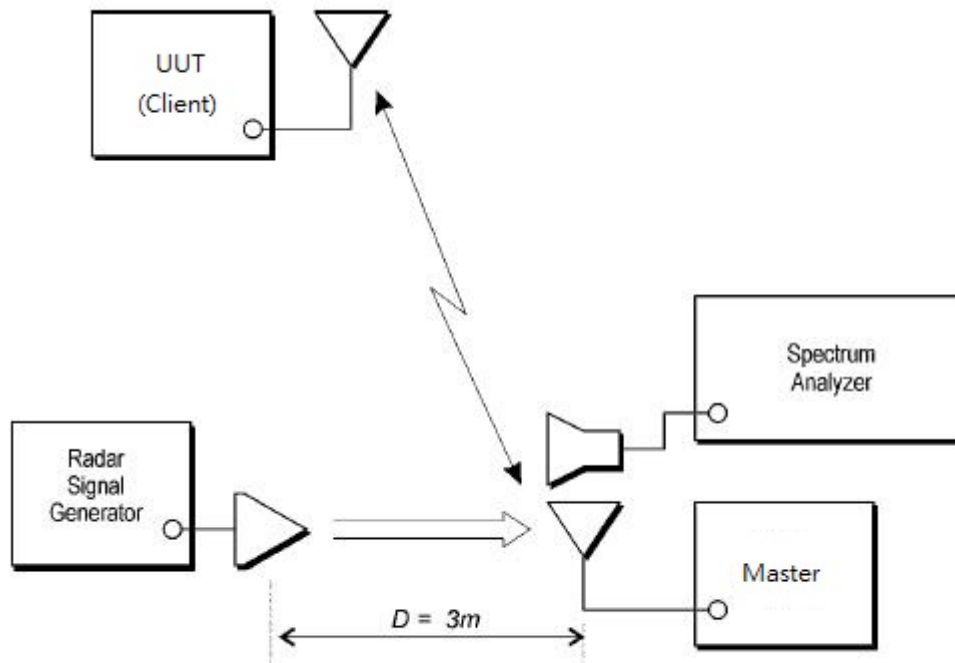


4.3 Deviation from Test Standard

No deviation.

4.4 Radiated Test Setup Configuration

4.4.1 Client without Radar Detection Mode



The UUT is a U-NII Device operating in Client mode without radar detection. The radar test signals are injected into the Master Device.

5. Test Results

5.1 Summary of Test Results

Clause	Test Parameter	Remarks	Pass/Fail
4.7.7	DFS Detection Threshold	Not Applicable	NA
4.7.7	Channel Availability Check Time	Not Applicable	NA
4.7.7	Channel Move Time	Applicable	Pass
4.7.7	Channel Closing Transmission Time	Applicable	Pass
4.7.7	Non- Occupancy Period	Applicable	Pass
4.7.7	Uniform Spreading	Not Applicable	NA
4.7.7	U-NII Detection Bandwidth	Not Applicable	NA
4.7.7	Non-associated test	Applicable	Pass
4.7.7	Non-Co-Channel test	Applicable	Pass

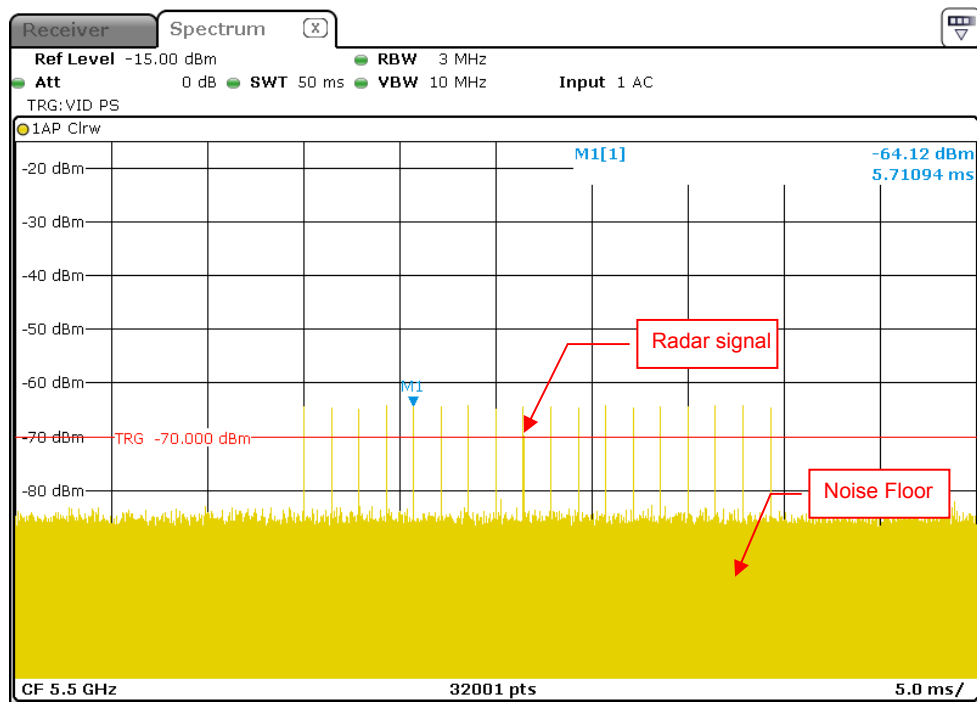
5.2 Test Results

5.2.1 Test Mode: Device Operating In Client without Radar Detection Mode.

Client with injection at the Master. (The radar test signals are injected into the Master Device)

DFS Detection Threshold

For a detection threshold level of -64dBm, the required signal strength at AP antenna location is -64 dBm. The tested level is lower than required level hence it provides margin to the limit.



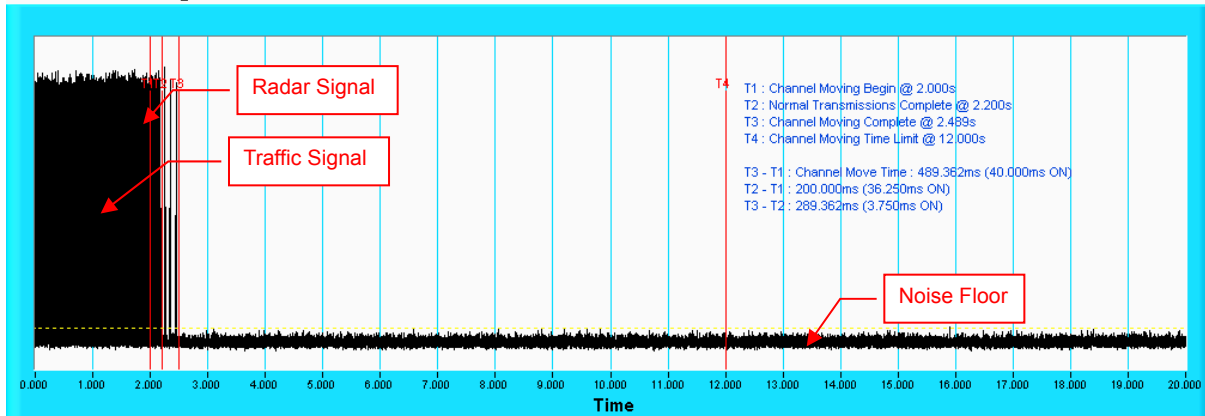
Radar Signal 0

5.2.2 Channel Closing Transmission and Channel Move Time

Radar Signal 0

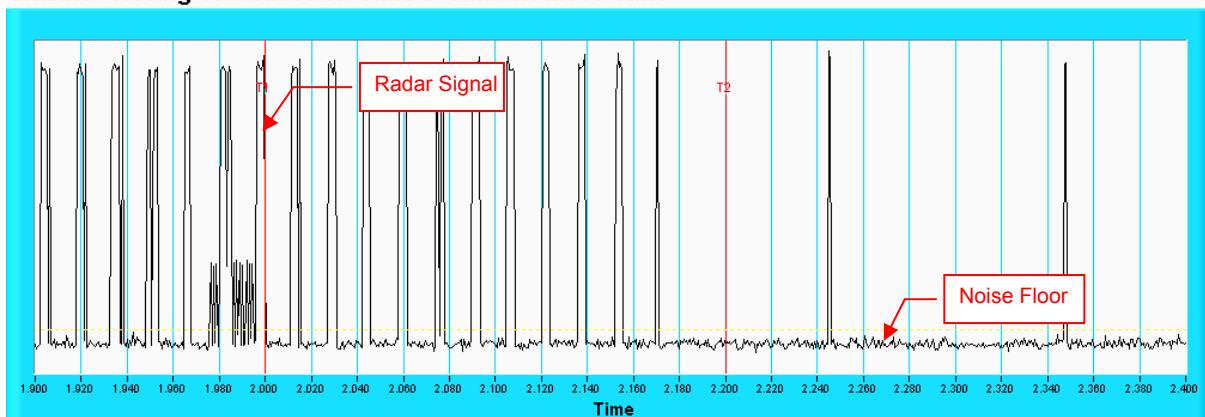
802.11n HT20

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

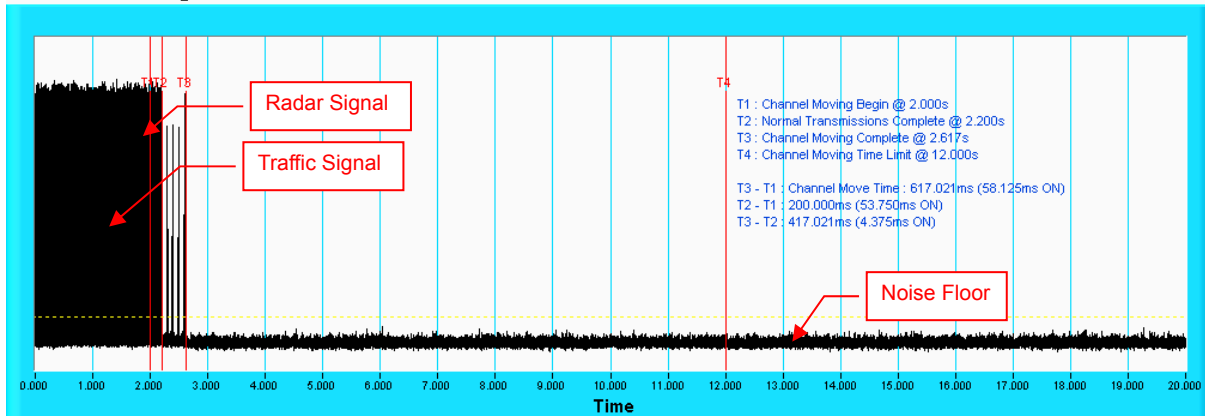
Channel Closing Transmission Time & Channel Move Time



NOTE: An expanded plot for the device vacates the channel in the required 500ms.

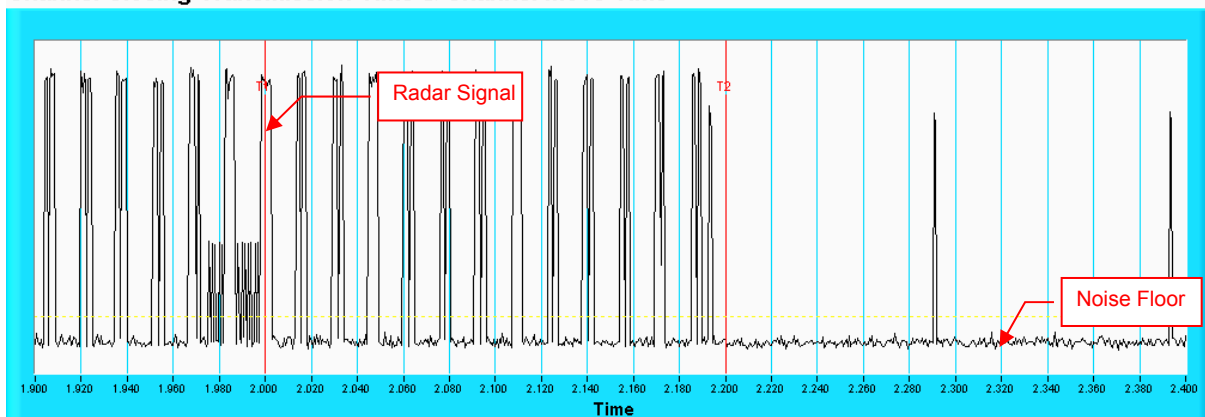
Radar Signal 0 802.11n HT40

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

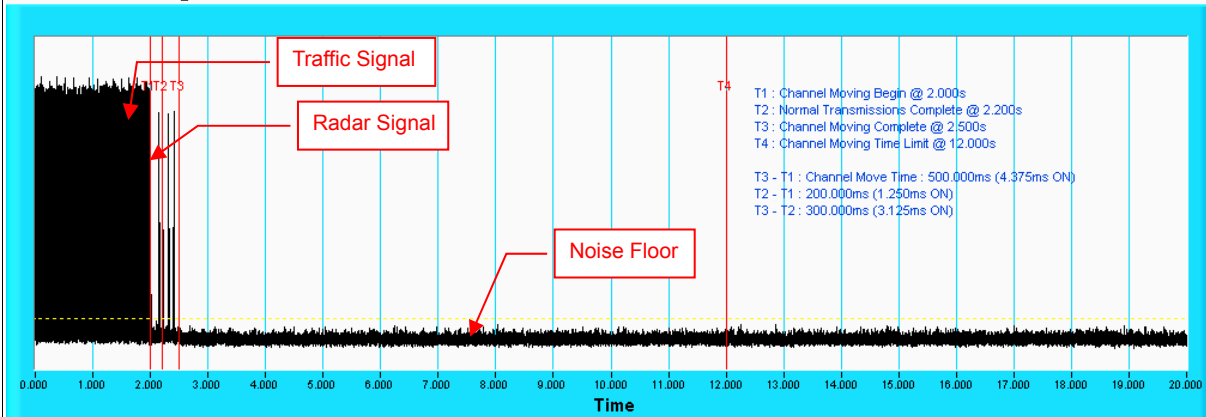


NOTE: An expanded plot for the device vacates the channel in the required 500ms.

Radar Signal 0

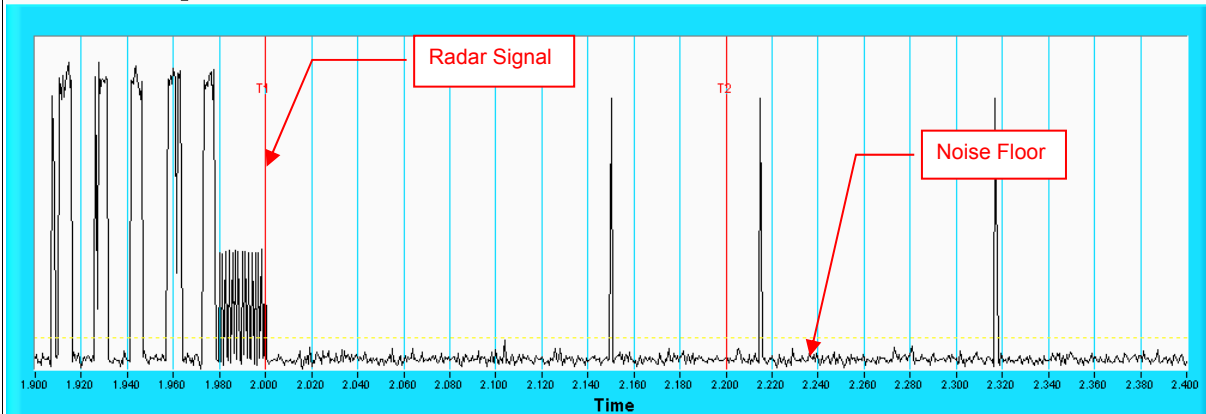
802.11ac VHT80

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time



NOTE: An expanded plot for the device vacates the channel in the required 500ms.

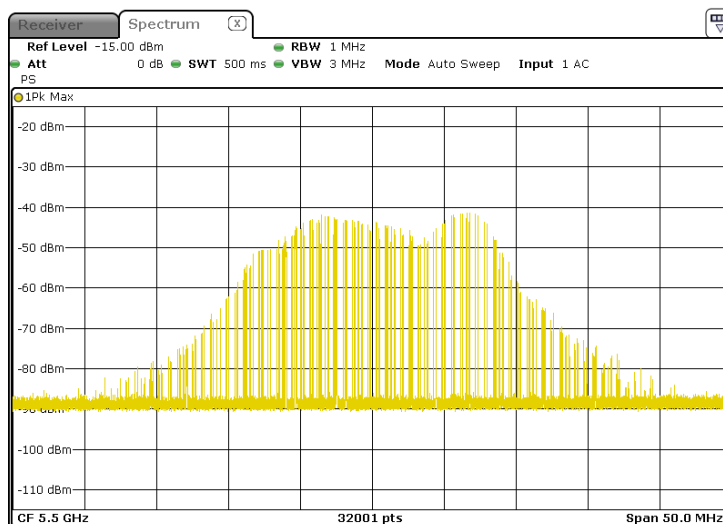
5.2.3 Non-Occupancy Period

Associate test:

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.

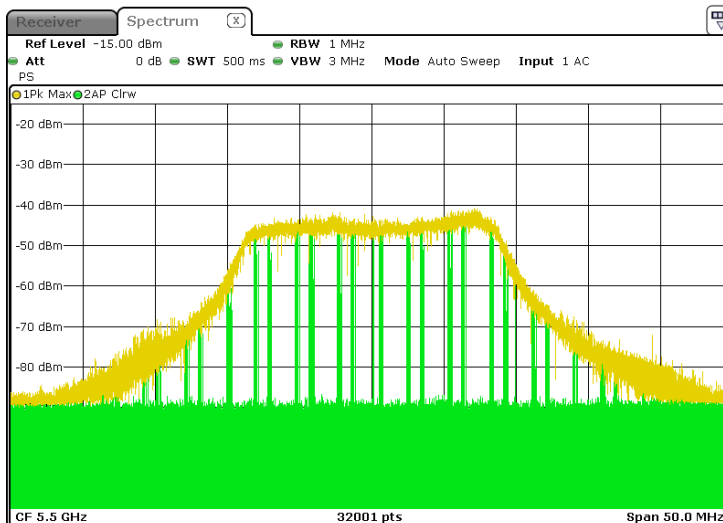
- 1) EUT (Client) links with master on 5500MHz.

Waveform of EUT links up with Master

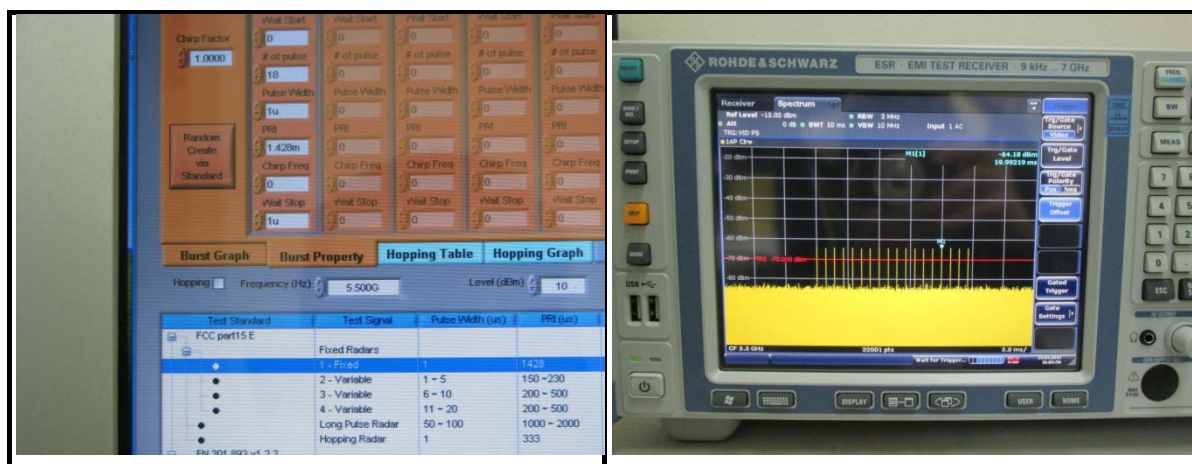


- 2) Client plays specified files via master.

Waveform of transmission



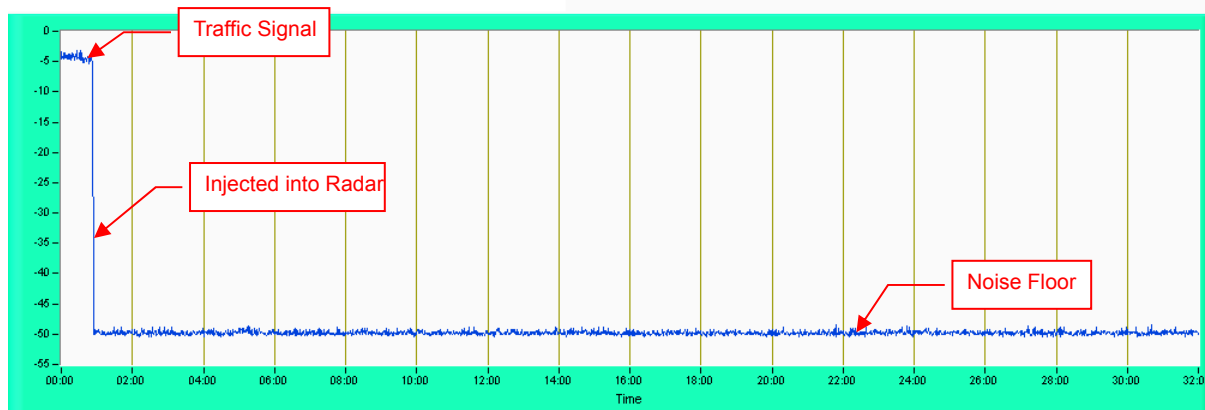
3) Radar signal 0 is applied to the Master device and WiFi traffic signal stop immediately.



4) 5500MHz has been monitored in 30 minutes period. In this period, no any transmission occurs.

Plot of 30minutes period

802.11n HT20

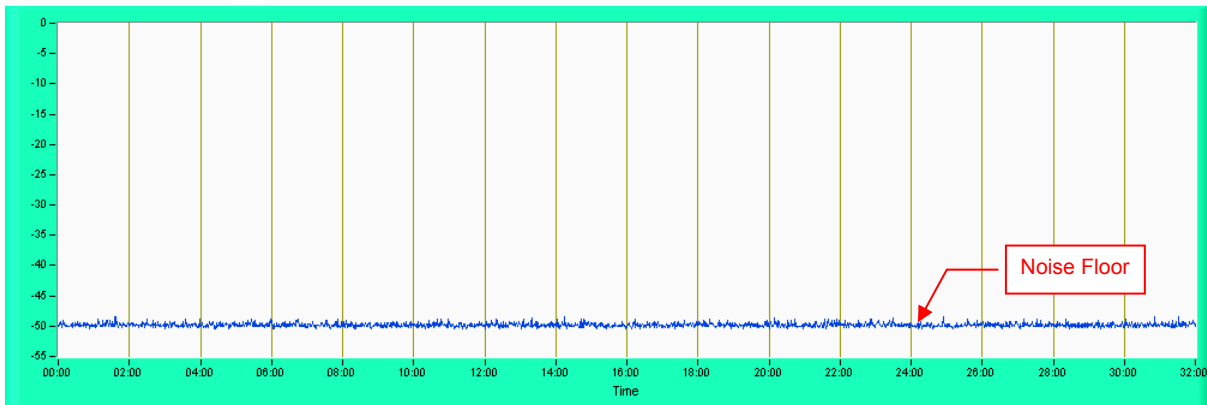


NOTE: Test setup are shown on Test set up photo.pdf

5.2.4 Non-Associated Test

Master was off.

During the 30 minutes observation time, The UUT did not make any transmissions in the DFS band after UUT power up.



5.2.5 Non-Co-Channel Test

The UUT was investigated after radar was detected and confirmed that no co-channel operation with radars.

5.2.6 Test Setup photo

請參閱附件（測試設置照片）。

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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