

低功率射頻電機技術規範測試報告

報告編號:

RT180117E07Y

申請者

速連通訊股份有限公司

產品名稱

802.11ac/b/g/n Wi-Fi+BT Module

型號

WPEQ-261ACN(BT)

製造廠商

SparkLAN Communications, Inc.

商標或廠牌

Sparklan

該產品樣品試驗

國家通訊傳播委員會低功率射頻電機技術規範

依據之試驗標準

107 年 1 月修訂

試驗結果

合格

香港商立德國際商品試驗有限公司桃園分公司新竹實驗室

日期 109 年 07 月 31 日

報告簽署人簽章:

陳瓊美



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報告發行紀錄

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RT180117E07Y	Original release.	109 年 07 月 31 日

證 明 書

產 品 名 稱：802.11ac/b/g/n Wi-Fi+BT Module
商 標：Sparklan
型 號：WPEQ-261ACN(BT)
申 請 者：速連通訊股份有限公司
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(型號：WPEQ-261ACN(BT))，收件日期 109 年 06 月 23 日，於 109 年 07 月 11 日至 23 日，已在本公司的標準測試場地完成量測。報告中所描述之測試結果和待測設備的架構組合，均根據樣品實際的量測情況作詳實的記錄。

立德桃園分公司依“低功率射頻電機技術規範”、“低功率電波輻射性電機管理辦法”及“電信管制射頻器材審驗辦法”製作測試結果報告。

特 此 證 明 ！

報告製作者：  , 日期： 109 年 07 月 31 日
官 君 怡 / 專員

審 核 者：  , 日期： 109 年 07 月 31 日
陳 瓊 美 / 經理

香港商立德國際商品試驗有限公司桃園分公司

實驗室地址：300 新竹市科學工業園區力行一路 1 號 E-2

此份報告不得摘錄複製，除全份複製外，需經實驗室書面同意。



1 低功率射頻電機量測記錄表

申請廠商：速連通訊股份有限公司

製造廠商：SparkLAN Communications, Inc.

申請廠商地址：11493 台北市內湖區堤頂大道二段 257 號 8 樓

廠牌：Sparklan

產品名稱：802.11ac/b/g/n Wi-Fi+BT Module

型號：WPEQ-261ACN(BT)

量測單位名稱：香港商立德國際商品試驗有限公司桃園分公司 新竹實驗室

量測單位地址：300 新竹市科學工業園區力行一路 1 號 E-2

量測單位認可編號：TAF 2022

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

WLAN 2.4GHz 頻段概要

項次	量測項目	規 範	量測結果判定
1	帶外發射	低功率射頻電機技術規範 3.10.1.5 節	合格
2	電源線傳導干擾	低功率射頻電機技術規範 2.3 節	合格 註一
3	6 dB 頻寬	低功率射頻電機技術規範 3.10.1.6 節	合格 註一
4	峰值傳導輸出功率	低功率射頻電機技術規範 3.10.1.2 節	合格
5	功率頻譜密度	低功率射頻電機技術規範 3.10.1.6 節	合格

WLAN 5.15~5.25GHz 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 註一
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 5.25~5.35GHz 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 註一
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 註一

WLAN 5.470~5.725GHz 頻段概要

項次	量測項目	規 範	量測結果判定
1	電源線傳導干擾	低功率射頻電機技術規範 2.3 節	合格 註一
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 註一

WLAN 5.725~5.850GHz 频段概要

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 註一
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 註一

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

項次	量測項目	規 範	量測結果判定
1	電波暴露量	低功率射頻電機技術規範第 5.20.2 節	合格

註一：其它量測項目之量測結果請參照至原報告號碼: RT170830E03

註二：量測結果之判定不考慮量測不確定度的貢獻

2 一般敘述

2.1 待測設備 (WLAN)

產品名稱：	802.11ac/b/g/n Wi-Fi+BT Module
型號：	WPEQ-261ACN(BT)
額定電源：	3.3Vdc from host equipment
調變方式：	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode and VHT (20/40) mode in 2.4GHz
調變技術：	DSSS, OFDM
傳輸速率：	802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n : up to 300Mbps 802.11ac: up to 866.7Mbps
載波頻率：	2.4GHz: 2.412 ~ 2.462GHz 5GHz: 5.18 ~ 5.24GHz, 5.26 ~ 5.32GHz, 5.5 ~ 5.72GHz, 5.745 ~ 5.825GHz
頻道數：	2.4GHz: 802.11b, 802.11g, 802.11n (HT20), VHT20: 11 802.11n (HT40), VHT40: 7 5GHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 25 802.11n (HT40), 802.11ac (VHT40): 12 802.11ac (VHT80): 6
發射功率：	2.4GHz: 26.18dBm 5.18 ~ 5.24GHz: 18.71 dBm 5.26 ~ 5.32GHz: 18.68 dBm 5.5 ~ 5.72GHz: 18.18 dBm 5.745 ~ 5.825GHz: 18.01 dBm
天線種類：	見註
電源線類別：	見註
信號線類別：	NA
配件：	NA

註：

- 此報告為報告 RT140808E04Q 之系列報告，本次報告 RT180117E07Y，除了變更下列以外其餘皆相同，故符合申請系列申請。

◆ 新增一組天線

Original									
Antenna set 1									
Transmitter Circuit	Brand	Model	Antenna Type	2.4GHz Gain with cable loss (dBi)	5GHz Gain with cable loss (dBi)	2.4GHz Cable Loss (dBi)	5G Cable Loss (dBi)	Ant. Connector Type	Cable Length (mm)
Chain (0)	WNC	81-EBJ15.005	PIFA	3.62	Band 1&2: 3.08 Band 3: 4.76 Band 4: 4.76	1.15	Band 1&2: 1.70 Band 3: 1.74 Band 4: 1.79	IPEX	300
Chain (1)	WNC	81-EBJ15.005	PIFA	3.62	Band 1&2: 3.08 Band 3: 4.76 Band 4: 4.76	1.15	Band 1&2: 1.70 Band 3: 1.74 Band 4: 1.79	IPEX	300

Antenna set 2								
Transmitter Circuit	Brand	Model	Antenna Type	2.4GHz Gain with cable loss (dBi)	5GHz Gain with cable loss (dBi)	Cable Loss (dBi)	Ant. Connector Type	Cable Length (mm)
Chain (0)	Tongda	T-543-8201044-A (Ant 1)	PIFA	3.572	Band 1&2: 3.002 Band 3: 4.546 Band 4: 4.416	NA	IPEX	77
Chain (1)	Tongda	T-543-8201044-A (Ant 2)	PIFA	3.325	Band 1&2: 2.942 Band 3: 4.622 Band 4: 4.586	NA	IPEX	61
Antenna set 3								
Transmitter Circuit	Brand	Model	Antenna Type	2.4GHz Gain with cable loss (dBi)	5GHz Gain with cable loss (dBi)	Ant. Connector Type	Cable Connector Type	Cable Length (mm)
Chain (0)	Wanshih	R3410110203 WSS003	Dipole	2.02	Band 1&2: 1.93 Band 3&4: 2.03	RP-SMA	MHF 4L to RP-SMA	150
Chain (1)	Wanshih	R3410110203 WSS003	Dipole	2.02	Band 1&2: 1.93 Band 3&4: 2.03	RP-SMA	MHF 4L to RP-SMA	150
Antenna set 4								
Transmitter Circuit	Brand	Model	Antenna Type	2.4GHz Gain with cable loss (dBi)	5GHz Gain with cable loss (dBi)	Ant. Connector Type	Cable Connector Type	Cable Length (mm)
Chain (0)	Long Cheng	FDE_ACBSMA-B GP	Dipole	3.27	Band 1&2&3: 5.436 Band 4: 5.96	RP-SMA	MHF 4L to RP-SMA	150
Chain (1)	Long Cheng	FDE_ACBSMA-B GP	Dipole	3.27	Band 1&2&3: 5.436 Band 4: 5.96	RP-SMA	MHF 4L to RP-SMA	150
Antenna set 5								
Transmitter Circuit	Brand	Model	Antenna Type	2.4GHz Gain with cable loss (dBi)	5GHz Gain with cable loss (dBi)	Ant. Connector Type	Cable Connector Type	Cable Length (mm)
Chain (0)	Nienyi	NYS2856	Dipole	2.69	2.98	SMA	IPEX MHF to SMA	250
Chain (1)	Nienyi	NYS2856	Dipole	2.69	2.98	SMA	IPEX MHF to SMA	250
Antenna set 6								
Transmitter Circuit	Brand	Model	Antenna Type	2.4GHz Gain with cable loss (dBi)	5GHz Gain with cable loss (dBi)	Ant. Connector Type	Cable Length (mm)	
Chain (0)	Molex	1461531150	Dipole	2.8	Band 1: 2.0 Band 2: 2.1 Band 3: 3.5 Band 4: 3.5	IPEX	150	
Chain (1)	Molex	1461531150	Dipole	2.8	Band 1: 2.0 Band 2: 2.1 Band 3: 3.5 Band 4: 3.5	IPEX	150	
Newly								
Antenna set 7								
Transmitter Circuit	Brand	Model	Antenna Type	2.4GHz Gain with cable loss (dBi)	5GHz Gain with cable loss (dBi)	Ant. Connector Type	Cable Length (mm)	
Chain (0)	TAOGLAS	FXP830.24.0100B	Dipole	3.32	6.11	IPEX MHF4	100mm	
Chain (1)	TAOGLAS	FXP830.24.0100B	Dipole	3.32	6.11	IPEX MHF4	100mm	

2. 此待測設備對於上述之變更，經評估後僅帶外發射，傳導輸出功率及功率頻譜密度需要進行測試，並將其量測值記錄於報告中。

3. 此待測設備對應報告如下：

Function	Report No.
WLAN	RT180117E07Y
Bluetooth EDR	RT180117E07Y-2
Bluetooth LE 4.0	RT180117E07Y-3

4. 此待測設備具有WLAN(5GHz)及Bluetooth技術且會在同一時間發射，經評估發現於場強輻射及傳導干擾並無不符合限制值。

5. 此待測物之技術的種類為2TX / 2RX之組合。

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

Note:

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

6. 此報告中，場強輻射量測經過評估後以下列測試模式進行最終量測。

量測項目	發射	接收
2.412 ~ 2.462GHz		
1GHz 以上量測	802.11b: Ch 1, 6, 11 802.11g: Ch 1, 6, 11 802.11n (HT20): Ch 1, 6, 11 802.11n (HT40): Ch 3, 6, 9	Ch 6
其它不必要之訊號	802.11b: Ch 11	Ch 11
5.180 ~ 5.240GHz		
1GHz 以上量測	802.11a: Ch 36, 40, 48 802.11ac (VHT20): Ch 36, 40, 48 802.11ac (VHT40): Ch 38, 46 802.11ac (VHT80): Ch 42	Ch 48
其它不必要之訊號	802.11a: Ch 48	Ch 48
5.26 ~ 5.32GHz & 5.5 ~ 5.72GHz		
1GHz 以上量測	802.11a: Ch 52, 60, 64, 100, 116, 140, 144 802.11ac (VHT20): Ch 52, 60, 64, 100, 116, 140, 144 802.11ac (VHT40): Ch 54, 62, 102, 110, 134, 142 802.11ac (VHT80): Ch 58, 106, 122, 138	-
5.745 ~ 5.825GHz		
1GHz 以上量測	802.11a: Ch 149, 157, 165 802.11ac (VHT20): Ch 149, 157, 165 802.11ac (VHT40): Ch 151, 159 802.11ac (VHT80): Ch 155	-

7. Duty cycle of test signal

2.4GHz频段

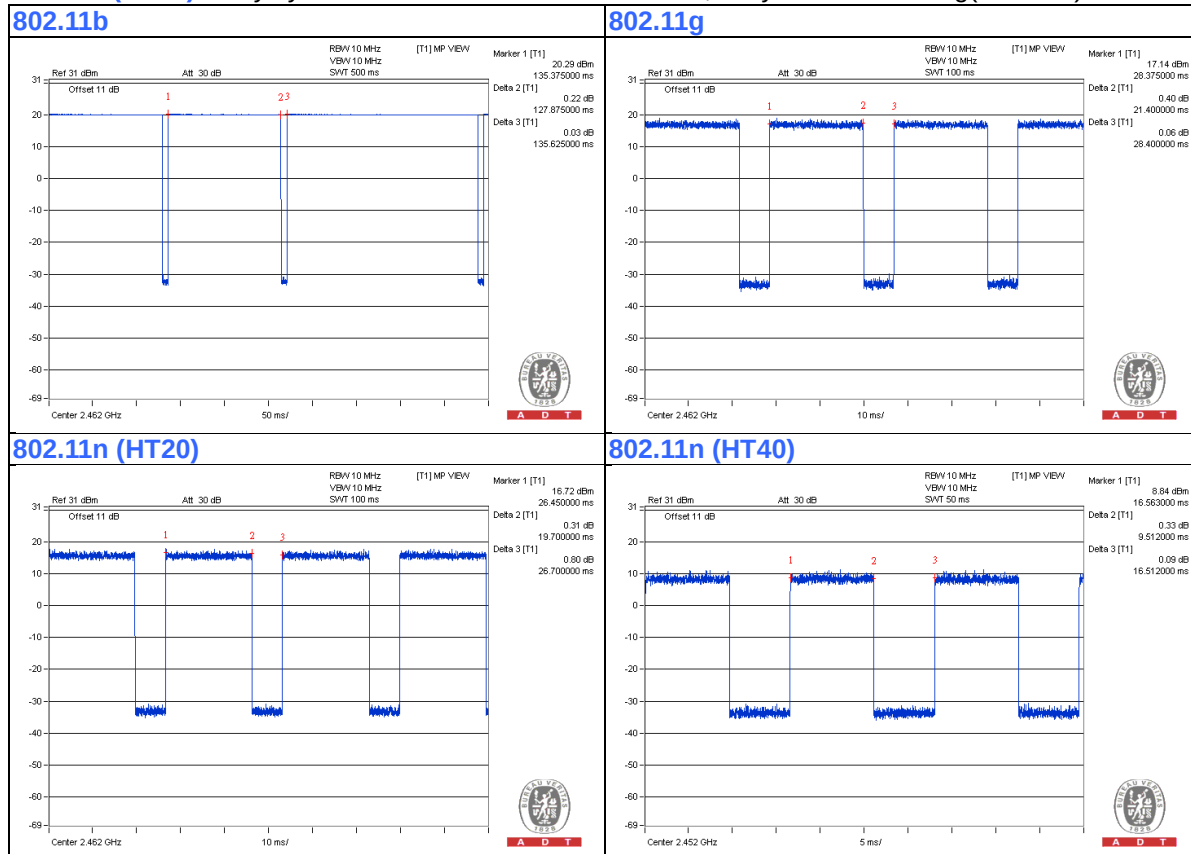
Duty cycle of test signal is < 98%, duty factor shall be considered.

802.11b: Duty cycle = 127.875 ms/135.625 ms = 0.943, Duty factor = $10 * \log(1/0.943) = 0.255$

802.11g: Duty cycle = 21.4 ms/28.4 ms = 0.754, Duty factor = $10 * \log(1/0.754) = 1.23$

802.11n (HT20): Duty cycle = 19.7 ms/26.7 ms = 0.738, Duty factor = $10 * \log(1/0.738) = 1.32$

802.11n (HT40): Duty cycle = 9.512 ms/16.512 ms = 0.576, Duty factor = $10 * \log(1/0.576) = 2.4$



5GHz 频段

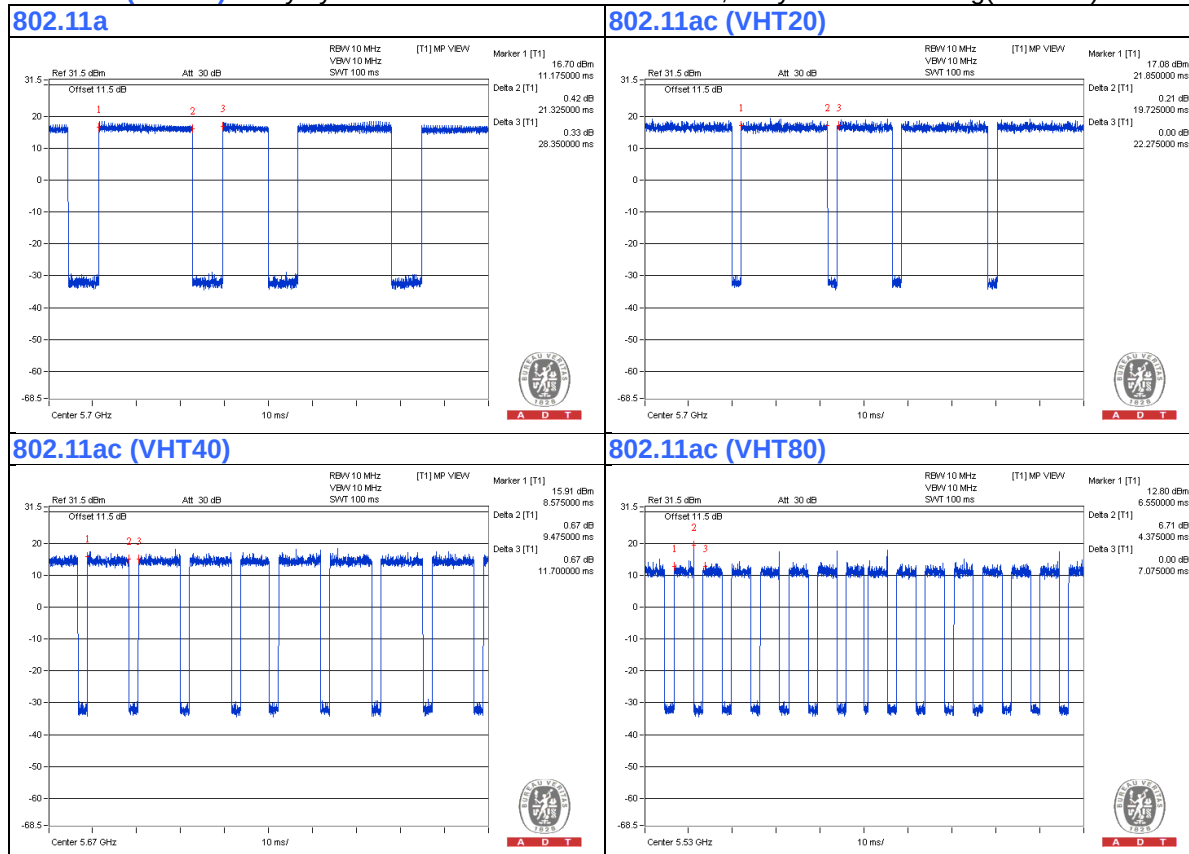
Duty cycle of test signal is < 98%, duty factor shall be considered.

802.11a: Duty cycle = 21.325 ms/28.35 ms = 0.752, Duty factor = $10 * \log(1/0.752) = 1.24$

802.11ac (VHT20): Duty cycle = 19.725 ms/22.275 ms = 0.886, Duty factor = $10 * \log(1/0.886) = 0.53$

802.11ac (VHT40): Duty cycle = 9.475 ms/11.7 ms = 0.81, Duty factor = $10 * \log(1/0.81) = 0.92$

802.11ac (VHT80): Duty cycle = 4.375 ms/7.075 ms = 0.618, Duty factor = $10 * \log(1/0.618) = 2.09$



此裝置各頻道的中心頻率如下：

2.4 GHz 頻段：

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

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

802.11n (HT40), VHT40:

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

5GHz 頻段:

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

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

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

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

802.11ac (VHT80):

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

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: 200622E03-1。

2.2 輔助測試之週邊設備描述

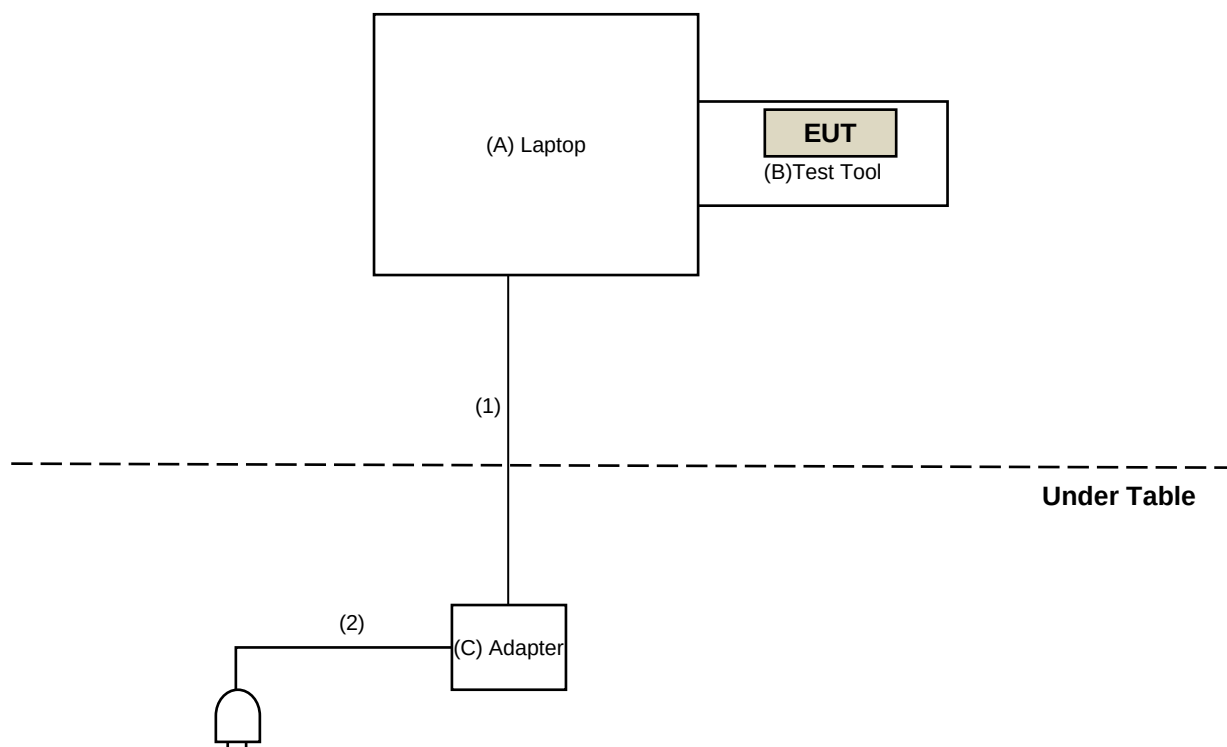
待測設備於受測時均接上其所屬的配件或一般用途之相關設備；下列輔助設備或配件測試中所使用的配備，以形成一個代表待測物實際運作的受測系統。

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	lenovo	3000 N200 0769-AUU	NA	NA	Provided by Lab
B.	Test Tool	NA	NA	NA	NA	Supplied by client
C.	Adapter	lenovo	92P1160	NA	NA	Provided by Lab

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC Cable	1	1.8	No	0	Provided by Lab(Brand:lenovo;Model:92P1160)
2.	AC Cable	1	2	No	0	Provided by Lab(Brand:KENIC;Model:H03VVH2-F)

註：本案經申請者切結器材不提供隨貨配件，配件由實驗室提供併同檢驗。

2.3 測試架構圖



3 適用規範

3.1 規範要求

(1) 傳導之規定

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

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

(註)：隨頻率之對數遞減。

(2) 帶外發射之規定

(I) 操作於 2.4000~2.4835 GHz band:

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

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

依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.4.1 節之要求，帶外發射之有效等向輻射功率(EIRP) ≤ -27 dBm/MHz。

(III) 操作於 5.725 GHz~5.850 GHz 頻段：

依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.4.2 節之要求，所有頻帶邊緣向外 5 MHz 內頻率之發射，有效等向輻射功率(EIRP) ≤ 27 dBm/MHz ~ 15.6 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣向外 5 MHz ~ 25 MHz，有效等向輻射功率 35(EIRP) ≤ 15.6 dBm/MHz ~ 10 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 25 MHz ~ 75 MHz，有效等向輻射功率(EIRP) ≤ 10 dBm/MHz ~ -27 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 ≥ 75 MHz 的頻率之發射，有效等向輻射功率(EIRP) ≤ -27 dBm/MHz；有關遮罩限制值詳圖 1。

在 5.725 GHz $\sim$ 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 $\sim$ 5.850 GHz 頻段操作且天線增益小於等於 10dBi 之設備於 107 年 3 月 2 日前得適用 3.10.1.5 帶外發射限制規定。

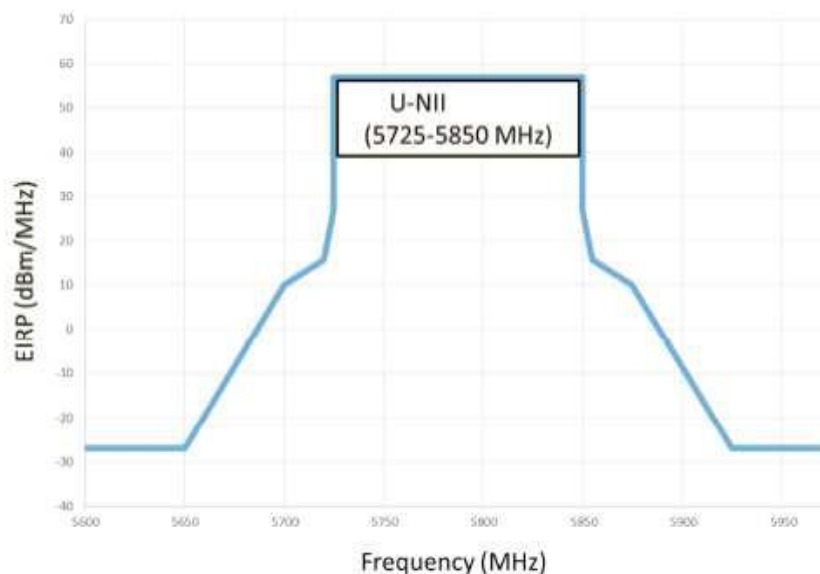


圖 1

在 1 GHz 以下不必要之發射，應符合 2.8 之規定。此外，落於 2.7 禁用頻段之輻射發射，應符合 2.8 之

規定。

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

(3)天線之規定

天線規格不受第 2.2 節規定之限制。

(4)天線增益之要求

低功率發射機，依據國家通訊傳播委員會低功率射頻電機技術規範 3.10.1.3 節及 4.7.3 節之規定如下：

(I) 操作於 2400 MHz~2483.5 MHz 頻段：

- (A) 進行固定式點對點操作時，其發射天線之方向性增益超過6 dBi，每超過3 dBi，最大傳導輸出功率限制值應降低1 dB。
- (B) 天線以多向波束發射方式(含同時發射或循序發射)將訊號導向多個接收機或接收機群組時，應符合下列規定：
 - (a) 非同時發射多向波束者，所有載波或頻道傳輸至所有天線陣列或陣列群之總和傳導輸出功率應符合 3.10.1.2 之功率限制值。如天線/天線陣列群之方向性增益超過6 dBi，每超過3 dBi，總和傳導輸出功率限制值應降低1 dB。方向性增益值應計算如下：
 - (i) 方向性增益值= 10log(天線陣列之單元數目)+各單元中最高之方向性增益值。
 - (ii) 天線陣列間之遮蔽效應或波束干涉損失能充分佐證時，方向性增益得低於(i)計算數值。
 - (b) 同時發射多向波束於相同或不同頻道者，其每一波束功率應符合(a)之功率限制值。如發射波束有重疊現象，功率應降低，以確保總和傳導輸出功率符合(a)之限制值。同時發射的所有波束總和傳導輸出功率不大於(a) 總和傳導輸出功率限制值加8 dB。方向性增益值計算同(a)。
 - (c) 發射機之天線具備單向波束功能者，應符合(1)(A)及(3)後段之規定。

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

(II) 操作於 5.15 GHz~5.25 GHz 頻段：

- (A) 供戶外操作使用：使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。在水平面仰角超過30 度時，其最大EIRP 應小於或等於21 dBm。
- (B) 供室內操作使用：使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- (C) 供固定式點對點操作使用：使用超過23 dBi方向增益之指向性天線時，應依超過23 dBi天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。
- (D) 供用戶端裝置(Client Device)操作使用：使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

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

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

(IV) 操作於 5.725 GHz~5.850 GHz 頻段：

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

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

(5) 6dB 頻寬之要求

(I) 操作於 2400 MHz~2483.5 MHz 頻段：

對使用數位調變技術(digital modulation techniques)系統之低功率發射機，依據國家通訊傳播委員會低功率射頻電機技術規範 3.10.1.6 節之規定，6dB 頻寬至少應有 500kHz。

(II) 操作於 5.725 GHz~5.850 GHz 頻段：

依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.5 節之規定，其 6dB 頻寬至少應有 500kHz。

(6) 峰值傳導輸出功率之要求

(I) 操作於 2.4000~2.4835 GHz band:

依據國家通訊傳播委員會低功率射頻電機技術規範 3.10.1.2 節之規定：

數位調變技術系統：1 W(含)以下。

(II) 操作於 5.15 GHz~5.25 GHz 頻段：

依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.3.1 節之要求：

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

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

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

依據國家通訊傳播委員會低功率射頻電機技術規範4.7.3.2節之規定，最大傳導輸出功率應小於或等於250 mW或11dBm+10log B (B是26 dB發射頻寬，單位MHz)之較小者。

(IV) 操作於 5.725 GHz~5.850 GHz 頻段：

依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.3.3 節之規定，最大傳導輸出功率應小於或等於 1 W。

(7)功率頻譜密度之要求

(I) 操作於 2.4000~2.4835 GHz band:

依據國家通訊傳播委員會低功率射頻電機技術規範 3.10.1.6 節之規定，在使用頻率範圍之任一 3 kHz 頻寬內，由發射機傳導至天線之功率頻譜密度在任意傳輸期間內，皆小於或等於 8 毫分貝(dBm)，且應依 3.10.1.3 之方式降低功率頻譜密度限制值。

(II) 操作於 5.15 GHz~5.25 GHz 頻段：

依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.3.1 節之要求：

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

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

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

依據國家通訊傳播委員會低功率射頻電機技術規範4.7.3.2節之規定，最大功率頻譜密度在任何1 MHz 頻帶中應小於或等於11 dBm。

(IV) 操作於5.725 GHz~5.850 GHz頻段：

依據國家通訊傳播委員會低功率射頻電機技術規範 4.7.3.3 節之規定，在任何 500 kHz 頻帶中最大功率頻譜密度應小於或等於 30 dBm。

(8)發射功率控制(TPC)及動態頻率選擇(DFS)之要求

依據國家通訊傳播委員會低功率射頻電機技術規範4.7.7.1及4.7.7.2節之規定。

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

動態頻率選擇(DFS)：操作於5.25 GHz~5.35 GHz與5.470 GHz~5.725 GHz頻段之設備應具備動態頻率

選擇雷達偵測功能並啟動之，以完整偵測使用頻帶內之雷達訊號，避免與雷達系統同頻道操作。相關規定如下：

(1) 最低動態頻率選擇的偵測門檻

- (A) 最大EIRP 為200 mW~1 W之設備，其最低動態頻率選擇的偵測門檻值為-64dBm。
- (B) 最大EIRP 低於200 mW，且功率頻譜密度小於10 dBm/MHz 之設備，其最低動態頻率選擇的偵測門檻值為-62 dBm。
- (C) 最大EIRP 低於200 mW，且功率頻譜密度大於或等於10 dBm/MHz 之設備，其最低動態頻率選擇的偵測門檻值為-64 dBm。
- (D) 此偵測門檻值為1 微秒內之平均接收功率，並以0 dBi 天線為參考基準。頻道初始設定得由系統隨機選取或使用者手動選取。

(2) 操作模式：動態頻率選擇之規定適用於以下之操作模式：

- (A) 頻道可用性檢查時間之規定，適用於主控運作模式。
- (B) 頻道移動時間之規定，適用於主控及受控運作模式。

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

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

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

(9)無線資訊傳輸設備必須擁有安全功能之要求:

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

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

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

(12)電波暴露量之評估

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

限制值如下：

(1) 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

(2) 一般人/不可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

參考國際標準指南

KDB 558074

KDB 662911

KDB 789033

3.2 限制使用之頻帶

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

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

2.4 GHz 頻段測試紀錄結果

4 帶外發射之量測

4.1 適用標準

請見本報告 3.1 節第(2)項(I)的規定。

4.2 量測方法

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

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

4.3 量測儀器

For Radiated Emission test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 13, 2019	Dec. 12, 2020
Pre-Amplifier EMCI	EMC001340	980142	May 25, 2020	May 24, 2021
Loop Antenna Electro-Metrics	EM-6879	264	Feb. 18, 2020	Feb. 17, 2021
RF Cable	NA	LOOPCAB-001	Jan. 08, 2020	Jan. 07, 2021
RF Cable	NA	LOOPCAB-002	Jan. 08, 2020	Jan. 07, 2021
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-01	Oct. 23, 2019	Oct. 22, 2020
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Nov. 11, 2019	Nov. 10, 2020
RF Cable	8D	966-4-1	Mar. 18, 2020	Mar. 17, 2021
RF Cable	8D	966-4-2	Mar. 18, 2020	Mar. 17, 2021
RF Cable	8D	966-4-3	Mar. 18, 2020	Mar. 17, 2021
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-4-01	Sep. 26, 2019	Sep. 25, 2020
Horn Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 24, 2019	Nov. 23, 2020
Pre-Amplifier EMCI	EMC12630SE	980385	Aug. 15, 2019	Aug. 14, 2020
RF Cable	EMC104-SM-SM-1200	160923	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC104-SM-SM-2000	180502	Apr. 29, 2020	Apr. 28, 2021
RF Cable	EMC104-SM-SM-6000	180418	Apr. 29, 2020	Apr. 28, 2021
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 15, 2020	Jan. 14, 2021
Horn Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 24, 2019	Nov. 23, 2020
RF Cable	EMC102-KM-KM-1200	160924	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC-KM-KM-4000	200214	Mar. 11, 2020	Mar. 10, 2021
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	NA	NA

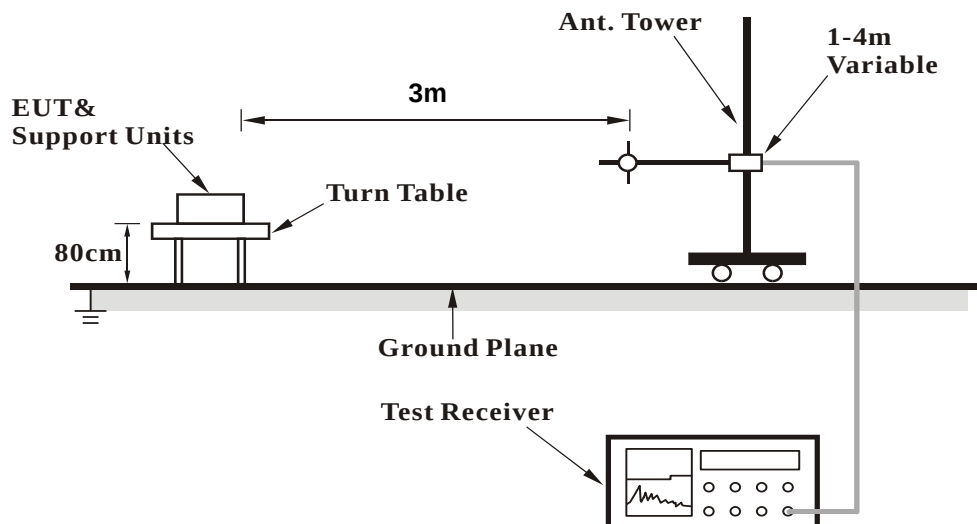
Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in 966 Chamber No. 4.
3. The following table is for the measurement uncertainty, which is calculated as per the document CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

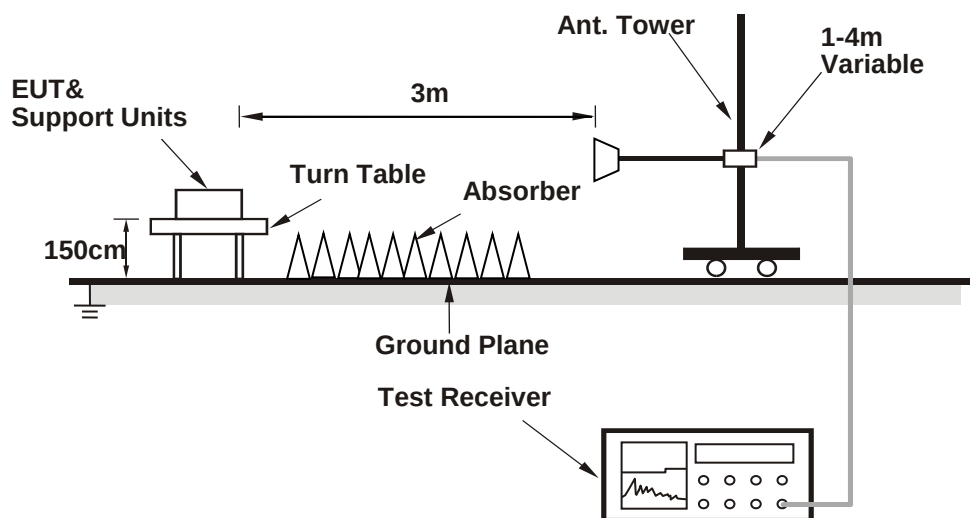
Measurement	Frequency	Uncertainty
Radiated emissions	9kHz ~ 30MHz	3.1 dB
	30MHz ~ 1GHz	5.5 dB
	1GHz ~ 18GHz	5.1 dB
	18GHz ~ 40GHz	5.3 dB

4.4 測試配置

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



4.5 場強度之計算

場強之計算公式如下：

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

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

量測結果請見下頁。

4.6 量測結果

4.6.1 發射諧波

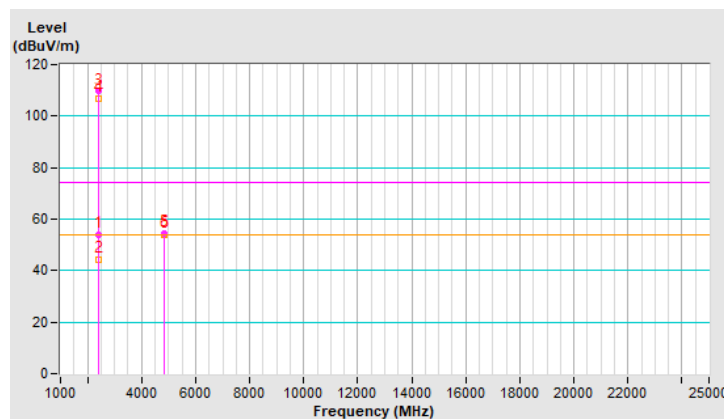
802.11b

操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	53.8 PK	74.0	-20.2	1.51 H	360	55.6	-1.8
2	2390.00	44.2 AV	54.0	-9.8	1.51 H	360	46.0	-1.8
3	*2412.00	109.6 PK			1.51 H	360	111.4	-1.8
4	*2412.00	106.8 AV			1.51 H	360	108.6	-1.8
5	4824.00	54.5 PK	74.0	-19.5	1.29 H	25	52.3	2.2
6	4824.00	53.8 AV	54.0	-0.2	1.29 H	25	51.6	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

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

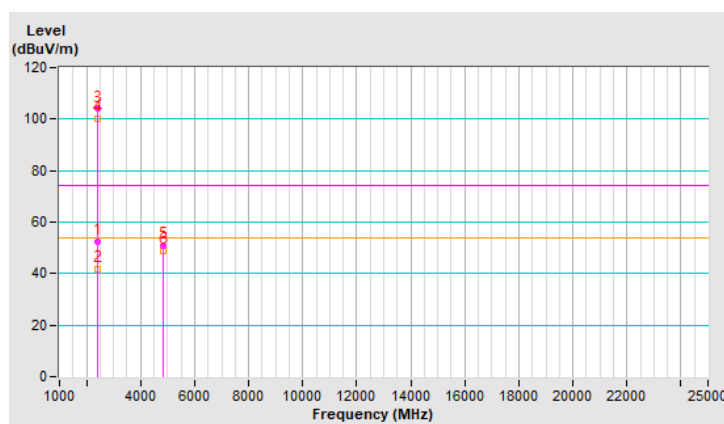


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	52.5 PK	74.0	-21.5	3.31 V	217	54.3	-1.8
2	2390.00	41.6 AV	54.0	-12.4	3.31 V	217	43.4	-1.8
3	*2412.00	104.0 PK			3.31 V	217	105.8	-1.8
4	*2412.00	100.4 AV			3.31 V	217	102.2	-1.8
5	4824.00	50.7 PK	74.0	-23.3	1.64 V	2	48.5	2.2
6	4824.00	49.0 AV	54.0	-5.0	1.64 V	2	46.8	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

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

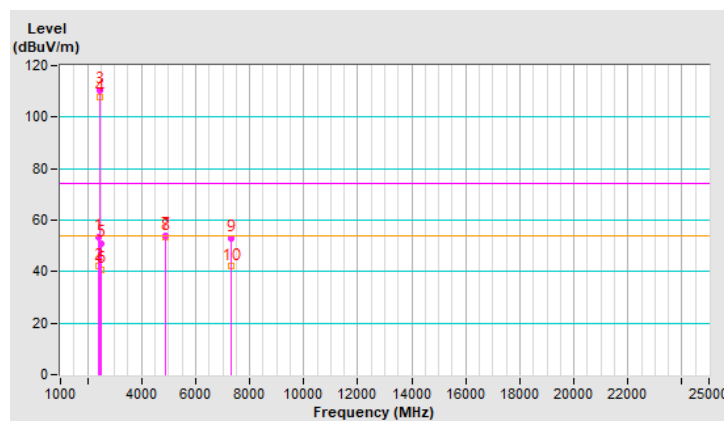


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBUV)	Correction Factor (dB/m)
1	2390.00	53.3 PK	74.0	-20.7	1.51 H	360	55.1	-1.8
2	2390.00	42.0 AV	54.0	-12.0	1.51 H	360	43.8	-1.8
3	*2437.00	110.3 PK			1.51 H	360	112.1	-1.8
4	*2437.00	107.6 AV			1.51 H	360	109.4	-1.8
5	2483.50	50.9 PK	74.0	-23.1	1.51 H	360	52.8	-1.9
6	2483.50	40.6 AV	54.0	-13.4	1.51 H	360	42.5	-1.9
7	4874.00	54.1 PK	74.0	-19.9	2.58 H	17	52.0	2.1
8	4874.00	53.5 AV	54.0	-0.5	2.58 H	17	51.4	2.1
9	7311.00	53.1 PK	74.0	-20.9	2.65 H	182	44.0	9.1
10	7311.00	42.0 AV	54.0	-12.0	2.65 H	182	32.9	9.1
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

Remarks:

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

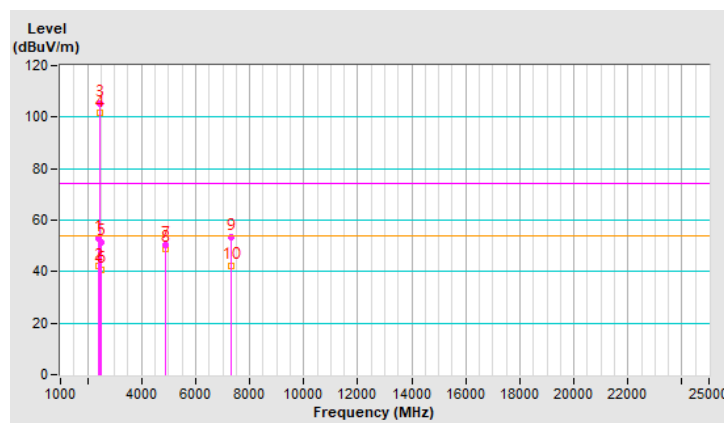


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	53.0 PK	74.0	-21.0	3.33 V	215	54.8	-1.8
2	2390.00	42.0 AV	54.0	-12.0	3.33 V	215	43.8	-1.8
3	*2437.00	105.3 PK			3.33 V	215	107.1	-1.8
4	*2437.00	101.5 AV			3.33 V	215	103.3	-1.8
5	2483.50	51.5 PK	74.0	-22.5	3.33 V	215	53.4	-1.9
6	2483.50	40.9 AV	54.0	-13.1	3.33 V	215	42.8	-1.9
7	4874.00	50.3 PK	74.0	-23.7	1.64 V	7	48.2	2.1
8	4874.00	48.9 AV	54.0	-5.1	1.64 V	7	46.8	2.1
9	7311.00	53.5 PK	74.0	-20.5	1.71 V	63	44.4	9.1
10	7311.00	42.3 AV	54.0	-11.7	1.71 V	63	33.2	9.1
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

Remarks:

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

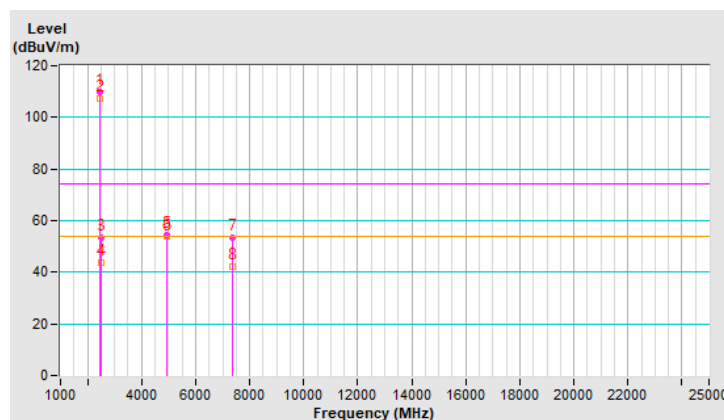


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	110.0 PK			1.54 H	356	111.8	-1.8
2	*2462.00	107.4 AV			1.54 H	356	109.2	-1.8
3	2483.50	53.4 PK	74.0	-20.6	1.54 H	356	55.3	-1.9
4	2483.50	43.9 AV	54.0	-10.1	1.54 H	356	45.8	-1.9
5	4924.00	54.6 PK	74.0	-19.4	1.51 H	24	52.3	2.3
6	4924.00	53.7 AV	54.0	-0.3	1.51 H	24	51.4	2.3
7	7386.00	53.6 PK	74.0	-20.4	2.64 H	174	44.2	9.4
8	7386.00	42.3 AV	54.0	-11.7	2.64 H	174	32.9	9.4
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

Remarks:

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

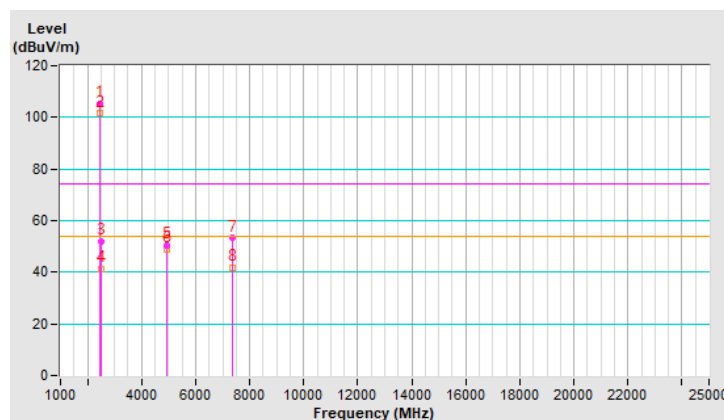


操作模式：	發射	調變技術：	DSSS
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=10Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	105.3 PK			3.42 V	225	107.1	-1.8
2	*2462.00	101.5 AV			3.42 V	225	103.3	-1.8
3	2483.50	52.1 PK	74.0	-21.9	3.42 V	225	54.0	-1.9
4	2483.50	41.2 AV	54.0	-12.8	3.42 V	225	43.1	-1.9
5	4924.00	50.5 PK	74.0	-23.5	1.61 V	4	48.2	2.3
6	4924.00	49.0 AV	54.0	-5.0	1.61 V	4	46.7	2.3
7	7386.00	53.2 PK	74.0	-20.8	1.65 V	58	43.8	9.4
8	7386.00	41.8 AV	54.0	-12.2	1.65 V	58	32.4	9.4
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

Remarks:

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



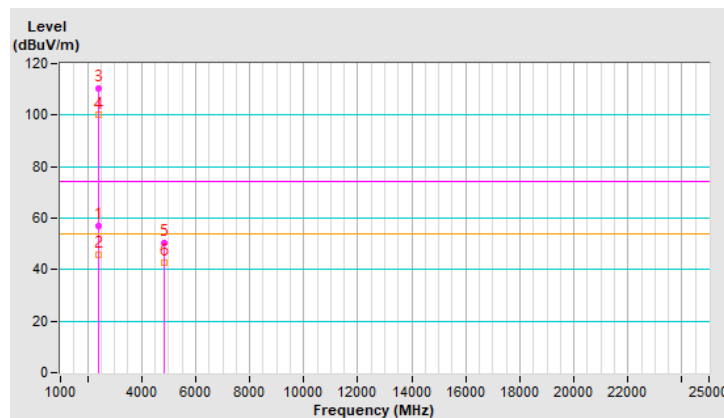
802.11g

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=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	57.1 PK	74.0	-16.9	1.52 H	360	58.9	-1.8
2	2390.00	45.6 AV	54.0	-8.4	1.52 H	360	47.4	-1.8
3	*2412.00	110.2 PK			1.52 H	360	112.0	-1.8
4	*2412.00	100.0 AV			1.52 H	360	101.8	-1.8
5	4824.00	50.3 PK	74.0	-23.7	1.46 H	34	48.1	2.2
6	4824.00	42.6 AV	54.0	-11.4	1.46 H	34	40.4	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

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

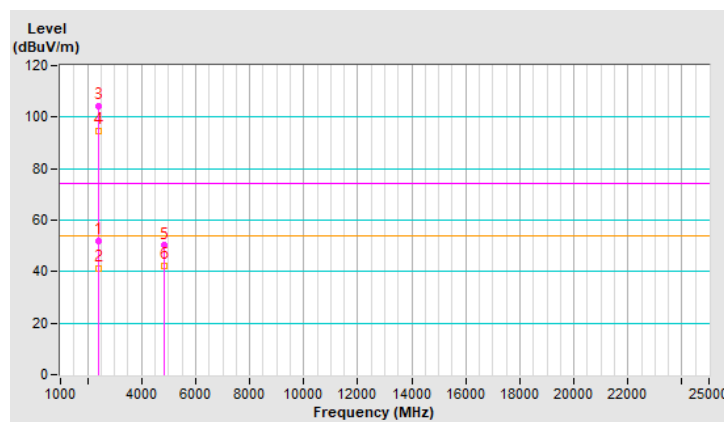


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	51.9 PK	74.0	-22.1	3.39 V	214	53.7	-1.8
2	2390.00	41.1 AV	54.0	-12.9	3.39 V	214	42.9	-1.8
3	*2412.00	104.1 PK			3.39 V	214	105.9	-1.8
4	*2412.00	94.5 AV			3.39 V	214	96.3	-1.8
5	4824.00	50.1 PK	74.0	-23.9	1.64 V	74	47.9	2.2
6	4824.00	42.2 AV	54.0	-11.8	1.64 V	74	40.0	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

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

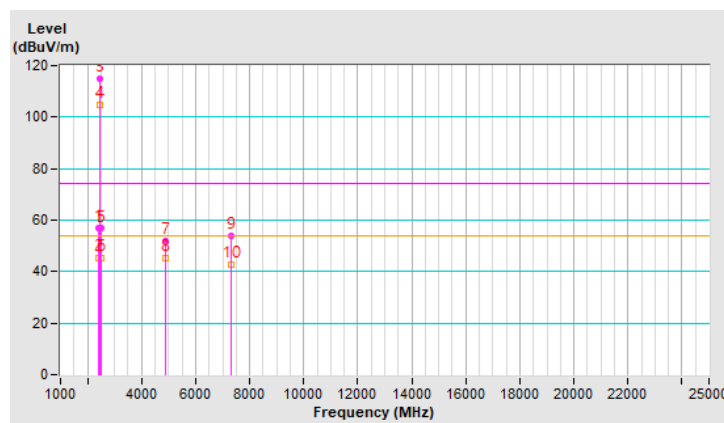


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBUV)	Correction Factor (dB/m)
1	2390.00	57.0 PK	74.0	-17.0	1.53 H	360	58.8	-1.8
2	2390.00	45.4 AV	54.0	-8.6	1.53 H	360	47.2	-1.8
3	*2437.00	114.9 PK			1.53 H	360	116.7	-1.8
4	*2437.00	104.8 AV			1.53 H	360	106.6	-1.8
5	2483.50	56.7 PK	74.0	-17.3	1.53 H	360	58.6	-1.9
6	2483.50	45.2 AV	54.0	-8.8	1.53 H	360	47.1	-1.9
7	4874.00	51.9 PK	74.0	-22.1	1.45 H	48	49.8	2.1
8	4874.00	45.1 AV	54.0	-8.9	1.45 H	48	43.0	2.1
9	7311.00	54.0 PK	74.0	-20.0	2.69 H	187	44.9	9.1
10	7311.00	42.7 AV	54.0	-11.3	2.69 H	187	33.6	9.1
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

Remarks:

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

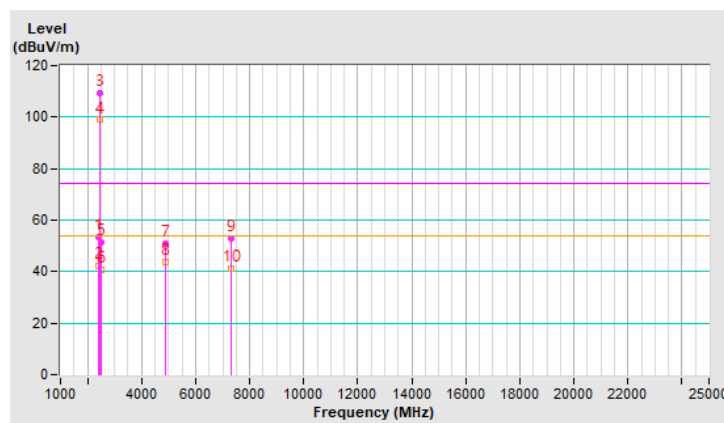


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	53.3 PK	74.0	-20.7	3.34 V	220	55.1	-1.8
2	2390.00	42.1 AV	54.0	-11.9	3.34 V	220	43.9	-1.8
3	*2437.00	109.3 PK			3.34 V	220	111.1	-1.8
4	*2437.00	98.9 AV			3.34 V	220	100.7	-1.8
5	2483.50	51.4 PK	74.0	-22.6	3.34 V	220	53.3	-1.9
6	2483.50	40.8 AV	54.0	-13.2	3.34 V	220	42.7	-1.9
7	4874.00	50.8 PK	74.0	-23.2	1.61 V	62	48.7	2.1
8	4874.00	43.9 AV	54.0	-10.1	1.61 V	62	41.8	2.1
9	7311.00	52.8 PK	74.0	-21.2	1.65 V	43	43.7	9.1
10	7311.00	41.3 AV	54.0	-12.7	1.65 V	43	32.2	9.1
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

Remarks:

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

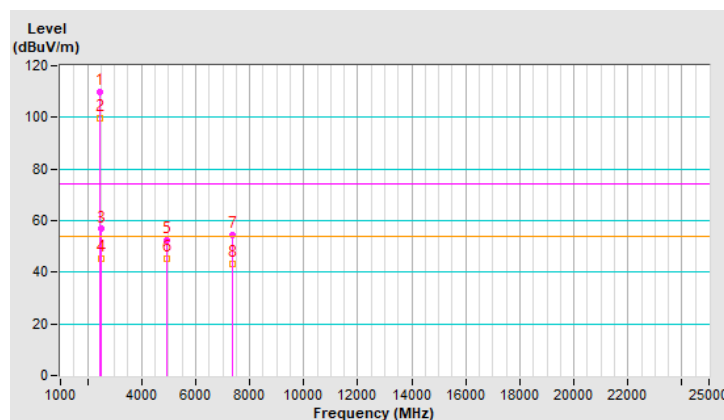


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	109.8 PK			1.50 H	351	111.6	-1.8
2	*2462.00	99.5 AV			1.50 H	351	101.3	-1.8
3	2483.50	56.7 PK	74.0	-17.3	1.50 H	351	58.6	-1.9
4	2483.50	45.3 AV	54.0	-8.7	1.50 H	351	47.2	-1.9
5	4924.00	52.3 PK	74.0	-21.7	1.43 H	41	50.0	2.3
6	4924.00	45.2 AV	54.0	-8.8	1.43 H	41	42.9	2.3
7	7386.00	54.6 PK	74.0	-19.4	2.75 H	173	45.2	9.4
8	7386.00	43.2 AV	54.0	-10.8	2.75 H	173	33.8	9.4
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

Remarks:

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

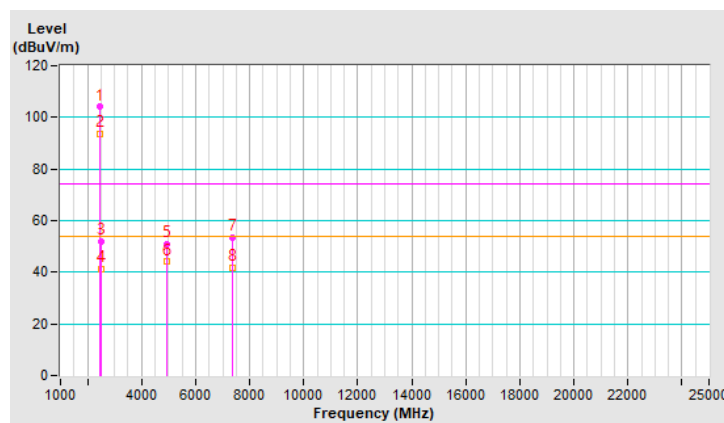


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	104.0 PK			3.32 V	216	105.8	-1.8
2	*2462.00	93.8 AV			3.32 V	216	95.6	-1.8
3	2483.50	52.1 PK	74.0	-21.9	3.32 V	216	54.0	-1.9
4	2483.50	41.1 AV	54.0	-12.9	3.32 V	216	43.0	-1.9
5	4924.00	50.9 PK	74.0	-23.1	1.63 V	66	48.6	2.3
6	4924.00	44.0 AV	54.0	-10.0	1.63 V	66	41.7	2.3
7	7386.00	53.4 PK	74.0	-20.6	1.62 V	52	44.0	9.4
8	7386.00	41.6 AV	54.0	-12.4	1.62 V	52	32.2	9.4
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

Remarks:

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



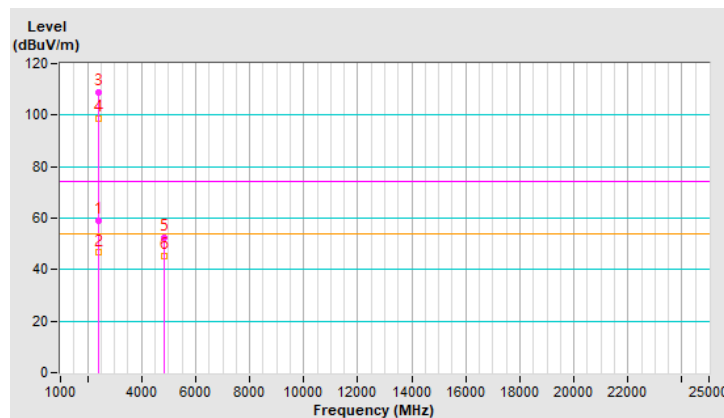
802.11n (HT20)

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=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	58.9 PK	74.0	-15.1	1.09 H	351	60.7	-1.8
2	2390.00	46.6 AV	54.0	-7.4	1.09 H	351	48.4	-1.8
3	*2412.00	108.9 PK			1.09 H	351	110.7	-1.8
4	*2412.00	98.6 AV			1.09 H	351	100.4	-1.8
5	4824.00	52.5 PK	74.0	-21.5	1.47 H	27	50.3	2.2
6	4824.00	45.5 AV	54.0	-8.5	1.47 H	27	43.3	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

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

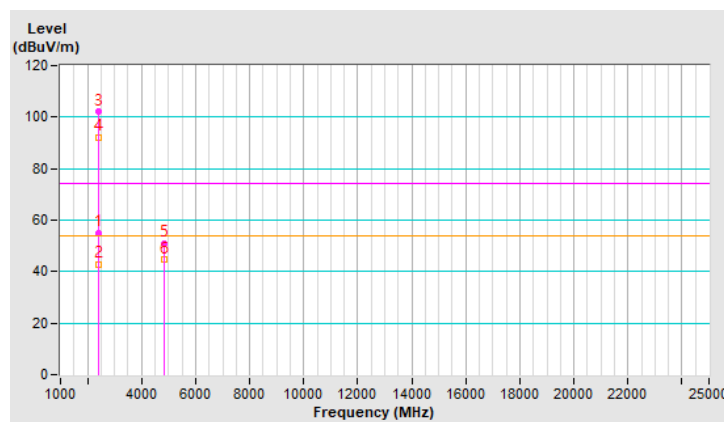


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 1：2412 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	54.9 PK	74.0	-19.1	3.36 V	214	56.7	-1.8
2	2390.00	42.6 AV	54.0	-11.4	3.36 V	214	44.4	-1.8
3	*2412.00	102.0 PK			3.36 V	214	103.8	-1.8
4	*2412.00	92.1 AV			3.36 V	214	93.9	-1.8
5	4824.00	51.1 PK	74.0	-22.9	1.60 V	66	48.9	2.2
6	4824.00	44.5 AV	54.0	-9.5	1.60 V	66	42.3	2.2
7	#7236.00	-	-	-	-	-	-	-
8	#9648.00	-	-	-	-	-	-	-
9	12060.00	-	-	-	-	-	-	-
10	14472.00	-	-	-	-	-	-	-
11	#16884.00	-	-	-	-	-	-	-
12	19296.00	-	-	-	-	-	-	-
13	#21708.00	-	-	-	-	-	-	-
14	#24120.00	-	-	-	-	-	-	-

Remarks:

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

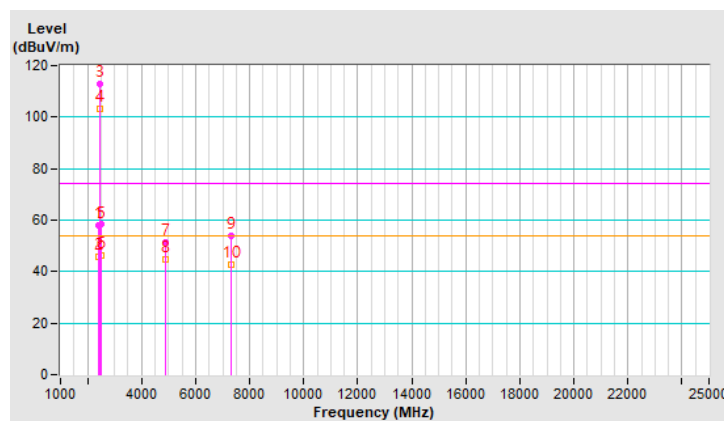


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	57.8 PK	74.0	-16.2	1.03 H	343	59.6	-1.8
2	2390.00	45.7 AV	54.0	-8.3	1.03 H	343	47.5	-1.8
3	*2437.00	113.1 PK			1.03 H	343	114.9	-1.8
4	*2437.00	103.1 AV			1.03 H	343	104.9	-1.8
5	2483.50	58.3 PK	74.0	-15.7	1.03 H	343	60.2	-1.9
6	2483.50	46.2 AV	54.0	-7.8	1.03 H	343	48.1	-1.9
7	4874.00	51.5 PK	74.0	-22.5	1.43 H	32	49.4	2.1
8	4874.00	44.7 AV	54.0	-9.3	1.43 H	32	42.6	2.1
9	7311.00	53.9 PK	74.0	-20.1	2.66 H	198	44.8	9.1
10	7311.00	42.6 AV	54.0	-11.4	2.66 H	198	33.5	9.1
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

Remarks:

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

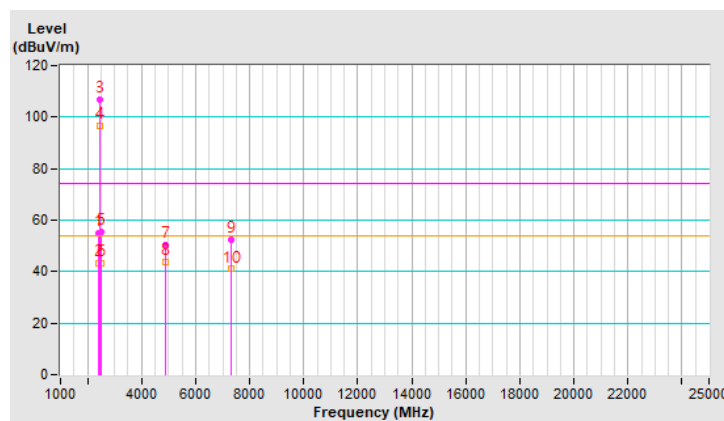


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	55.1 PK	74.0	-18.9	3.35 V	203	56.9	-1.8
2	2390.00	43.2 AV	54.0	-10.8	3.35 V	203	45.0	-1.8
3	*2437.00	106.7 PK			3.35 V	203	108.5	-1.8
4	*2437.00	96.5 AV			3.35 V	203	98.3	-1.8
5	2483.50	55.3 PK	74.0	-18.7	3.35 V	203	57.2	-1.9
6	2483.50	43.3 AV	54.0	-10.7	3.35 V	203	45.2	-1.9
7	4874.00	50.5 PK	74.0	-23.5	1.60 V	48	48.4	2.1
8	4874.00	43.6 AV	54.0	-10.4	1.60 V	48	41.5	2.1
9	7311.00	52.4 PK	74.0	-21.6	1.67 V	27	43.3	9.1
10	7311.00	41.0 AV	54.0	-13.0	1.67 V	27	31.9	9.1
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

Remarks:

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

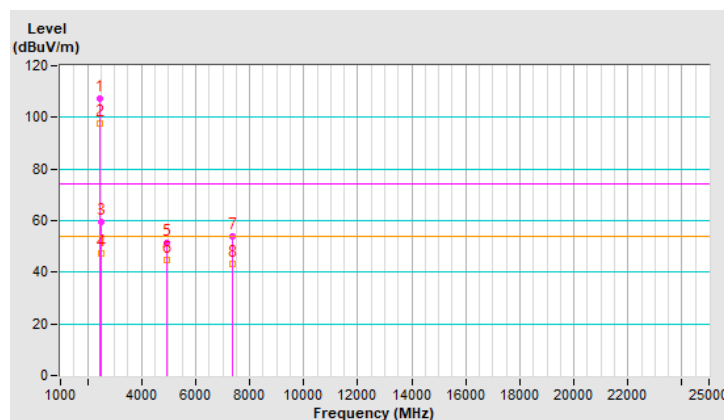


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	107.3 PK			1.05 H	344	109.1	-1.8
2	*2462.00	97.7 AV			1.05 H	344	99.5	-1.8
3	2483.50	59.6 PK	74.0	-14.4	1.05 H	344	61.5	-1.9
4	2483.50	47.3 AV	54.0	-6.7	1.05 H	344	49.2	-1.9
5	4924.00	51.5 PK	74.0	-22.5	1.47 H	39	49.2	2.3
6	4924.00	44.9 AV	54.0	-9.1	1.47 H	39	42.6	2.3
7	7386.00	54.1 PK	74.0	-19.9	2.68 H	211	44.7	9.4
8	7386.00	43.1 AV	54.0	-10.9	2.68 H	211	33.7	9.4
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

Remarks:

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

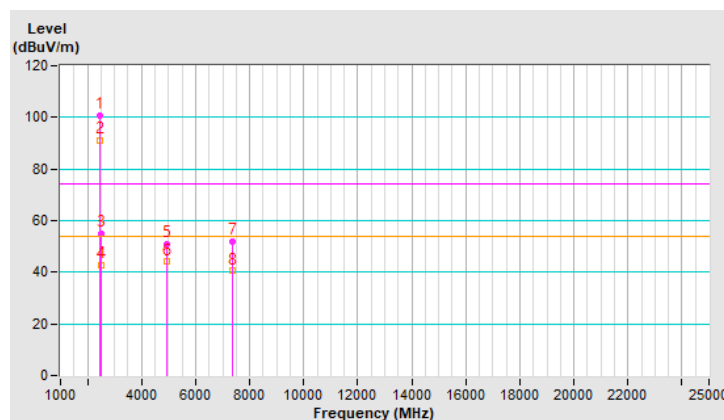


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 11：2462 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=51Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	100.8 PK			3.37 V	203	102.6	-1.8
2	*2462.00	91.0 AV			3.37 V	203	92.8	-1.8
3	2483.50	54.8 PK	74.0	-19.2	3.37 V	203	56.7	-1.9
4	2483.50	42.9 AV	54.0	-11.1	3.37 V	203	44.8	-1.9
5	4924.00	50.9 PK	74.0	-23.1	1.62 V	57	48.6	2.3
6	4924.00	44.0 AV	54.0	-10.0	1.62 V	57	41.7	2.3
7	7386.00	51.8 PK	74.0	-22.2	1.70 V	21	42.4	9.4
8	7386.00	40.5 AV	54.0	-13.5	1.70 V	21	31.1	9.4
9	#9848.00	-	-	-	-	-	-	-
10	12310.00	-	-	-	-	-	-	-
11	#14772.00	-	-	-	-	-	-	-
12	#17234.00	-	-	-	-	-	-	-
13	19696.00	-	-	-	-	-	-	-
14	22158.00	-	-	-	-	-	-	-
15	#24620.00	-	-	-	-	-	-	-

Remarks:

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



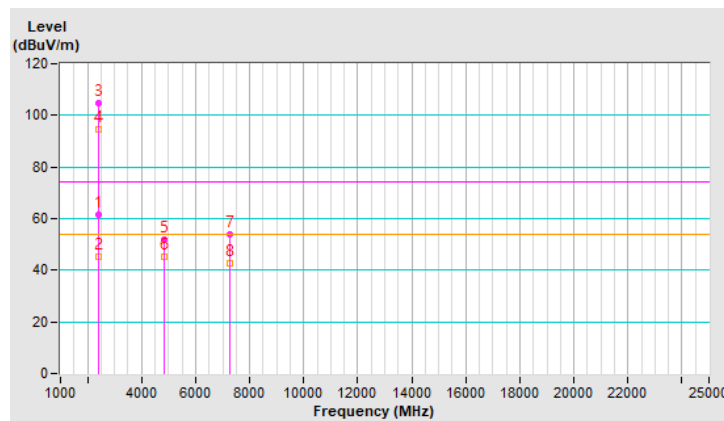
802.11n (HT40)

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=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	61.5 PK	74.0	-12.5	1.46 H	350	63.3	-1.8
2	2390.00	45.3 AV	54.0	-8.7	1.46 H	350	47.1	-1.8
3	*2422.00	104.6 PK			1.46 H	350	106.4	-1.8
4	*2422.00	94.8 AV			1.46 H	350	96.6	-1.8
5	4844.00	51.8 PK	74.0	-22.2	1.50 H	44	49.6	2.2
6	4844.00	45.4 AV	54.0	-8.6	1.50 H	44	43.2	2.2
7	7266.00	54.0 PK	74.0	-20.0	2.66 H	220	45.0	9.0
8	7266.00	42.9 AV	54.0	-11.1	2.66 H	220	33.9	9.0
9	#9688.00	-	-	-	-	-	-	-
10	12110.00	-	-	-	-	-	-	-
11	#14532.00	-	-	-	-	-	-	-
12	#16954.00	-	-	-	-	-	-	-
13	19376.00	-	-	-	-	-	-	-
14	#21798.00	-	-	-	-	-	-	-
15	#24220.00	-	-	-	-	-	-	-

Remarks:

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

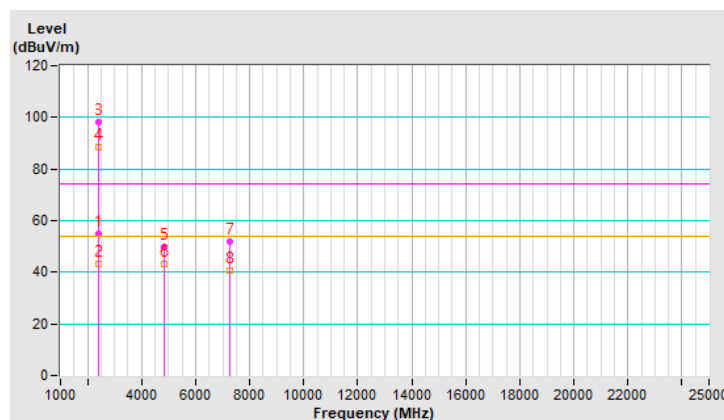


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 3：2422 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	54.8 PK	74.0	-19.2	3.33 V	208	56.6	-1.8
2	2390.00	43.2 AV	54.0	-10.8	3.33 V	208	45.0	-1.8
3	*2422.00	98.3 PK			3.33 V	208	100.1	-1.8
4	*2422.00	88.5 AV			3.33 V	208	90.3	-1.8
5	4844.00	50.0 PK	74.0	-24.0	1.65 V	38	47.8	2.2
6	4844.00	43.3 AV	54.0	-10.7	1.65 V	38	41.1	2.2
7	7266.00	51.9 PK	74.0	-22.1	1.63 V	11	42.9	9.0
8	7266.00	40.7 AV	54.0	-13.3	1.63 V	11	31.7	9.0
9	#9688.00	-	-	-	-	-	-	-
10	12110.00	-	-	-	-	-	-	-
11	#14532.00	-	-	-	-	-	-	-
12	#16954.00	-	-	-	-	-	-	-
13	19376.00	-	-	-	-	-	-	-
14	#21798.00	-	-	-	-	-	-	-
15	#24220.00	-	-	-	-	-	-	-

Remarks:

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

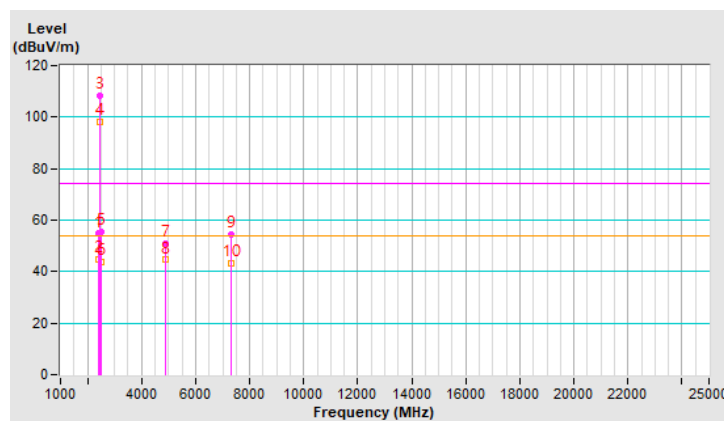


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	54.7 PK	74.0	-19.3	1.44 H	346	56.5	-1.8
2	2390.00	44.6 AV	54.0	-9.4	1.44 H	346	46.4	-1.8
3	*2437.00	108.2 PK			1.44 H	346	110.0	-1.8
4	*2437.00	98.2 AV			1.44 H	346	100.0	-1.8
5	2483.50	55.6 PK	74.0	-18.4	1.44 H	346	57.5	-1.9
6	2483.50	43.9 AV	54.0	-10.1	1.44 H	346	45.8	-1.9
7	4874.00	51.0 PK	74.0	-23.0	1.51 H	42	48.9	2.1
8	4874.00	44.5 AV	54.0	-9.5	1.51 H	42	42.4	2.1
9	7311.00	54.5 PK	74.0	-19.5	2.63 H	217	45.4	9.1
10	7311.00	43.2 AV	54.0	-10.8	2.63 H	217	34.1	9.1
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

Remarks:

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

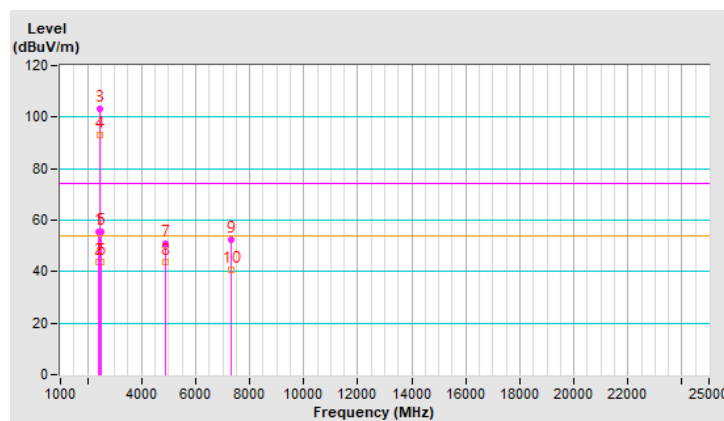


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	55.4 PK	74.0	-18.6	3.36 V	225	57.2	-1.8
2	2390.00	43.6 AV	54.0	-10.4	3.36 V	225	45.4	-1.8
3	*2437.00	103.3 PK			3.36 V	225	105.1	-1.8
4	*2437.00	93.0 AV			3.36 V	225	94.8	-1.8
5	2483.50	55.5 PK	74.0	-18.5	3.36 V	225	57.4	-1.9
6	2483.50	43.7 AV	54.0	-10.3	3.36 V	225	45.6	-1.9
7	4874.00	50.9 PK	74.0	-23.1	1.63 V	63	48.8	2.1
8	4874.00	43.7 AV	54.0	-10.3	1.63 V	63	41.6	2.1
9	7311.00	52.4 PK	74.0	-21.6	1.71 V	36	43.3	9.1
10	7311.00	40.8 AV	54.0	-13.2	1.71 V	36	31.7	9.1
11	#9748.00	-	-	-	-	-	-	-
12	12185.00	-	-	-	-	-	-	-
13	#14622.00	-	-	-	-	-	-	-
14	#17059.00	-	-	-	-	-	-	-
15	19496.00	-	-	-	-	-	-	-
16	#21933.00	-	-	-	-	-	-	-
17	#24370.00	-	-	-	-	-	-	-

Remarks:

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

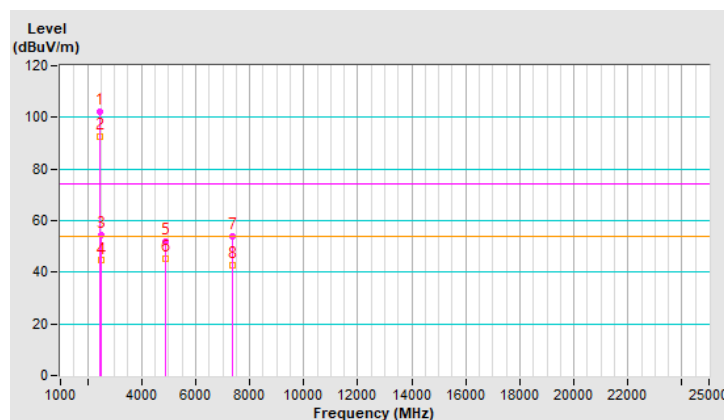


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 9：2452 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2452.00	102.3 PK			1.54 H	332	104.1	-1.8
2	*2452.00	92.4 AV			1.54 H	332	94.2	-1.8
3	2483.50	54.6 PK	74.0	-19.4	1.54 H	332	56.5	-1.9
4	2483.50	44.5 AV	54.0	-9.5	1.54 H	332	46.4	-1.9
5	4904.00	51.8 PK	74.0	-22.2	1.42 H	41	49.7	2.1
6	4904.00	45.3 AV	54.0	-8.7	1.42 H	41	43.2	2.1
7	7356.00	54.1 PK	74.0	-19.9	2.74 H	197	44.9	9.2
8	7356.00	42.9 AV	54.0	-11.1	2.74 H	197	33.7	9.2
9	#9808.00	-	-	-	-	-	-	-
10	12260.00	-	-	-	-	-	-	-
11	#14712.00	-	-	-	-	-	-	-
12	#17164.00	-	-	-	-	-	-	-
13	19616.00	-	-	-	-	-	-	-
14	22068.00	-	-	-	-	-	-	-
15	#24520.00	-	-	-	-	-	-	-

Remarks:

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

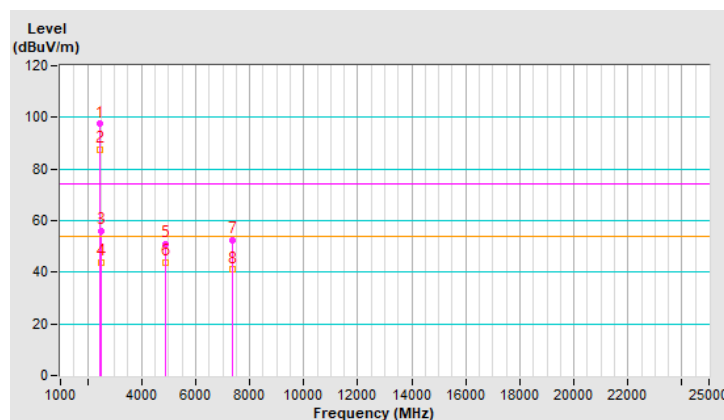


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 9：2452 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2452.00	97.4 PK			3.39 V	223	99.2	-1.8
2	*2452.00	87.3 AV			3.39 V	223	89.1	-1.8
3	2483.50	55.8 PK	74.0	-18.2	3.39 V	223	57.7	-1.9
4	2483.50	43.6 AV	54.0	-10.4	3.39 V	223	45.5	-1.9
5	4904.00	50.8 PK	74.0	-23.2	1.64 V	35	48.7	2.1
6	4904.00	43.7 AV	54.0	-10.3	1.64 V	35	41.6	2.1
7	7356.00	52.4 PK	74.0	-21.6	1.71 V	31	43.2	9.2
8	7356.00	41.0 AV	54.0	-13.0	1.71 V	31	31.8	9.2
9	#9808.00	-	-	-	-	-	-	-
10	12260.00	-	-	-	-	-	-	-
11	#14712.00	-	-	-	-	-	-	-
12	#17164.00	-	-	-	-	-	-	-
13	19616.00	-	-	-	-	-	-	-
14	22068.00	-	-	-	-	-	-	-
15	#24520.00	-	-	-	-	-	-	-

Remarks:

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



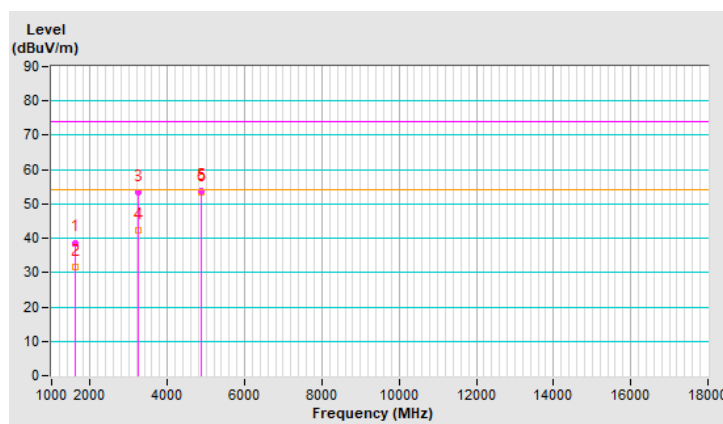
4.6.2 接收諧波

操作模式：	接收		
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1624.67	38.7 PK	74.0	-35.3	2.14 H	46	43.9	-5.2
2	1624.67	31.7 AV	54.0	-22.3	2.14 H	46	36.9	-5.2
3	3249.33	53.5 PK	74.0	-20.5	2.65 H	186	54.5	-1.0
4	3249.33	42.3 AV	54.0	-11.7	2.65 H	186	43.3	-1.0
5	4874.00	53.9 PK	74.0	-20.1	2.61 H	28	51.8	2.1
6	4874.00	53.5 AV	54.0	-0.5	2.61 H	28	51.4	2.1

Remarks:

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

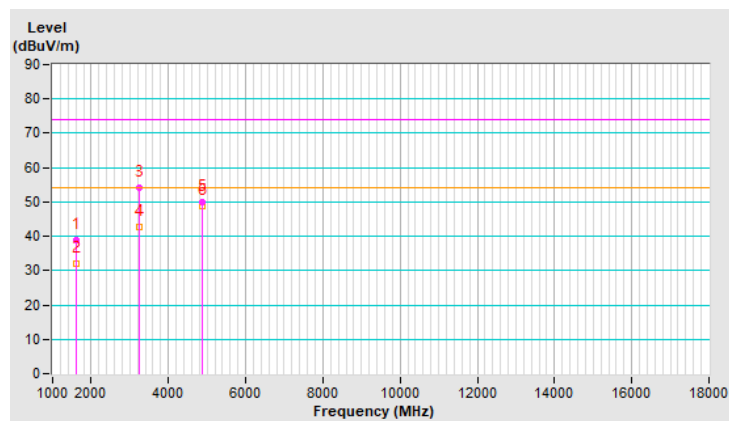


操作模式：	接收		
基本波頻率：	CH 6：2437 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1624.67	38.9 PK	74.0	-35.1	1.87 V	144	44.1	-5.2
2	1624.67	32.1 AV	54.0	-21.9	1.87 V	144	37.3	-5.2
3	3249.33	54.0 PK	74.0	-20.0	1.67 V	74	55.0	-1.0
4	3249.33	42.7 AV	54.0	-11.3	1.67 V	74	43.7	-1.0
5	4874.00	50.0 PK	74.0	-24.0	1.69 V	32	47.9	2.1
6	4874.00	48.8 AV	54.0	-5.2	1.69 V	32	46.7	2.1

Remarks:

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



4.6.3 其它不必要之訊號

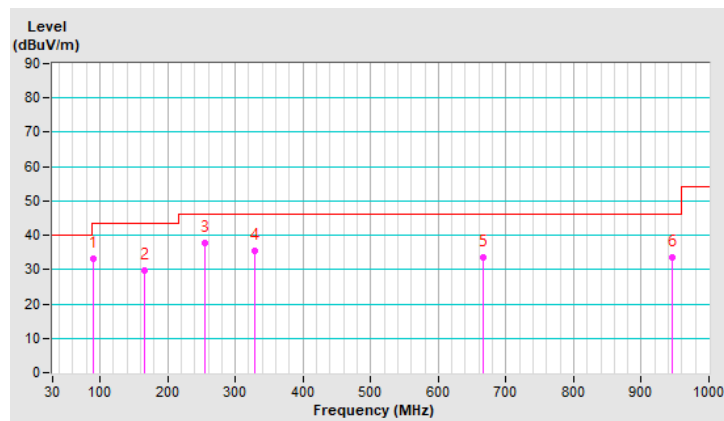
802.11b

操作模式：	發射接收	調變技術：	DSSS
基本波頻率：	CH 11：2480 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	22°C	量測場地濕度：	72%RH
測試日期：	109 年 7 月 11 日	測試者：	杜維倫

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	89.34	33.1 QP	43.5	-10.4	2.00 H	134	46.8	-13.7
2	165.94	29.6 QP	43.5	-13.9	1.50 H	48	37.3	-7.7
3	255.04	37.6 QP	46.0	-8.4	1.50 H	121	46.0	-8.4
4	328.34	35.3 QP	46.0	-10.7	1.00 H	326	40.9	-5.6
5	666.53	33.7 QP	46.0	-12.3	1.00 H	148	31.2	2.5
6	945.76	33.5 QP	46.0	-12.5	1.50 H	297	25.7	7.8

Remarks:

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

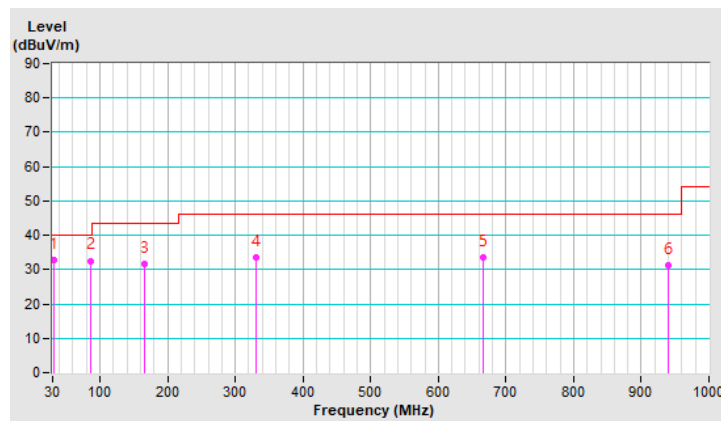


操作模式：	發射接收	調變技術：	DSSS
基本波頻率：	CH 11：2480 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	杜維倫

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.21	32.7 QP	40.0	-7.3	1.50 V	247	42.1	-9.4
2	86.71	32.6 QP	40.0	-7.4	1.00 V	86	46.3	-13.7
3	165.69	31.5 QP	43.5	-12.0	1.00 V	212	39.2	-7.7
4	331.05	33.4 QP	46.0	-12.6	1.50 V	152	39.0	-5.6
5	666.22	33.4 QP	46.0	-12.6	2.00 V	265	30.9	2.5
6	940.25	31.4 QP	46.0	-14.6	1.00 V	93	23.8	7.6

Remarks:

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



4.7 量測結果判定

依據測試數據結果，符合低功率射頻電機技術規範之要求。

4.8 配置照片

產品的測試配置照片請參照 Test Setup Photos (BV 報告編號: 200622E03).

5 傳導輸出功率之量測

5.1 適用標準

請見本報告 3.1 節第(6)項(I)及(4)項(I)的規定。

5.2 量測方法

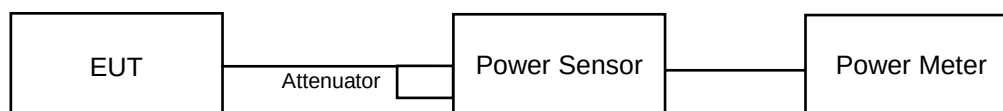
- 將待測物輸出經由衰減器接到功率計上。
- 設定待測物處於連續發射狀態。
- 計算其最大輸出功率。

5.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Power meter Anritsu	ML2495A	1529002	July 26, 2019	July 25, 2020
Power sensor Anritsu	MA2411B	1339443	July 26, 2019	July 25, 2020
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021

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

5.4 測試配置



5.5 量測結果

操作模式	發射	測試日期	109 年 07 月 23 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	陳高逸		

FOR PEAK POWER

802.11b

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	20.15	19.83	199.675	23.00	29.67	Pass
6	2437	20.77	20.43	229.807	23.61	29.67	Pass
11	2462	20.75	20.66	235.263	23.72	29.67	Pass

NOTE: Directional gain = $3.32\text{dBi} + 10\log(2) = 6.33\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (6.33 - 6) = 29.67\text{dBm}$.

802.11g

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	19.34	18.64	159.015	22.01	29.67	Pass
6	2437	23.26	22.81	402.821	26.05	29.67	Pass
11	2462	19.62	19.48	180.338	22.56	29.67	Pass

NOTE: Directional gain = $3.32\text{dBi} + 10\log(2) = 6.33\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (6.33 - 6) = 29.67\text{dBm}$.

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	19.23	18.77	159.088	22.02	29.67	Pass
6	2437	23.26	23.07	414.604	26.18	29.67	Pass
11	2462	18.26	18.21	133.21	21.25	29.67	Pass

NOTE: Directional gain = $3.32\text{dBi} + 10\log(2) = 6.33\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (6.33 - 6) = 29.67\text{dBm}$.

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	17.11	17.11	102.809	20.12	29.67	Pass
6	2437	20.12	19.91	200.751	23.03	29.67	Pass
9	2452	14.28	13.53	49.334	16.93	29.67	Pass

NOTE: Directional gain = $3.32\text{dBi} + 10\log(2) = 6.33\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (6.33 - 6) = 29.67\text{dBm}$.

FOR AVERAGE POWER

802.11b

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	17.63	17.16	109.942	20.41
6	2437	18.66	17.91	135.253	21.31
11	2462	18.38	18.23	135.393	21.32

802.11g

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	13.52	13.03	42.581	16.29
6	2437	17.93	17.43	117.422	20.70
11	2462	13.18	13.32	42.275	16.26

802.11n (HT20)

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	12.74	12.61	37.032	15.69
6	2437	17.86	17.30	114.797	20.60
11	2462	12.28	12.23	33.615	15.27

802.11n (HT40)

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
3	2422	11.05	10.46	23.852	13.78
6	2437	14.43	14.09	53.378	17.27
9	2452	8.24	7.81	12.708	11.04

5.6 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。

6 功率頻譜密度之量測

6.1 適用標準

請見本報告 3.1 節第(7)項的規定。

6.2 量測方法

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

6.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	May 29, 2020	May 28, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021

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

6.4 測試配置



6.5 量測結果

操作模式	發射	測試日期	109 年 07 月 23 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	陳高逸		

CDD Mode:

802.11b

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Duty Factor (dB)	Total PSD (mW/3kHz)	Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1					
1	2412	-9.21	-9.72	0.255	0.2265	-6.45	7.67	Pass
6	2437	-10.95	-9.31	0.255	0.1977	-7.04	7.67	Pass
11	2462	-9.25	-8.83	0.255	0.25	-6.02	7.67	Pass

- Note: 1. The directional gain $3.32 \text{ dBi} + 10\log(2) = 6.33 \text{ dBi} > 6 \text{ dBi}$, so the power density limit shall be reduced to $8 - (6.33 - 6) = 7.67 \text{ dBm}$.
 2. Refer to section 2.1 for duty cycle spectrum plot.

802.11g

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Duty Factor (dB)	Total PSD (mW/3kHz)	Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1					
1	2412	-11.89	-10.89	1.23	0.14622	-8.35	7.67	Pass
6	2437	-9.75	-7.58	1.23	0.2805	-5.52	7.67	Pass
11	2462	-13.22	-13.53	1.23	0.09204	-10.36	7.67	Pass

- Note: 1. The directional gain $3.32 \text{ dBi} + 10\log(2) = 6.33 \text{ dBi} > 6 \text{ dBi}$, so the power density limit shall be reduced to $8 - (6.33 - 6) = 7.67 \text{ dBm}$.
 2. Refer to section 2.1 for duty cycle spectrum plot.

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Duty Factor (dB)	Total PSD (mW/3kHz)	Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1					
1	2412	-12.79	-14.41	1.32	0.08892	-10.51	7.67	Pass
6	2437	-9.43	-9.06	1.32	0.2382	-6.23	7.67	Pass
11	2462	-14.59	-14.79	1.32	0.06792	-11.68	7.67	Pass

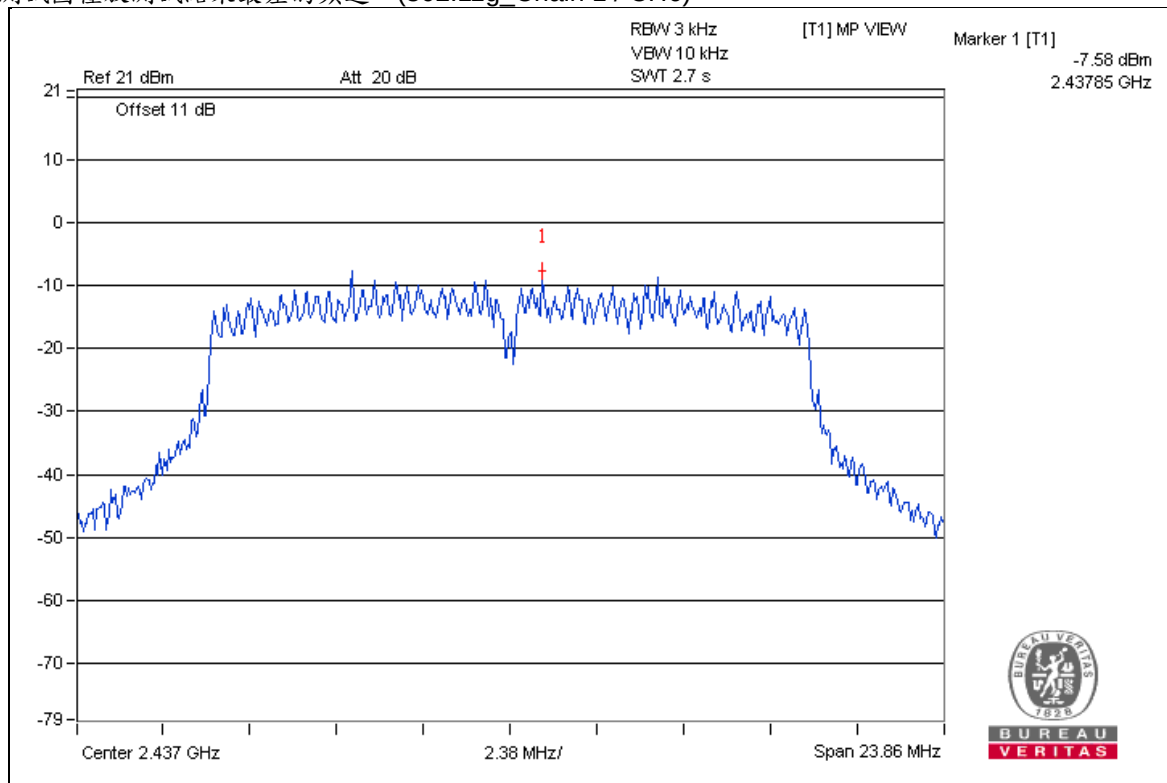
- Note: 1. The directional gain $3.32 \text{ dBi} + 10\log(2) = 6.33 \text{ dBi} > 6 \text{ dBi}$, so the power density limit shall be reduced to $8 - (6.33 - 6) = 7.67 \text{ dBm}$.
 2. Refer to section 2.1 for duty cycle spectrum plot.

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Duty Factor (dB)	Total PSD (mW/3kHz)	Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1					
3	2422	-18.20	-18.17	2.40	0.03041	-15.17	7.67	Pass
6	2437	-15.94	-15.77	2.40	0.052	-12.84	7.67	Pass
9	2452	-20.74	-21.88	2.40	0.014928	-18.26	7.67	Pass

- Note: 1. The directional gain $3.32 \text{ dBi} + 10\log(2) = 6.33 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8 - (6.33 - 6) = 7.67 \text{ dBm}$.
2. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。(802.11g_Chain 1 / CH6)



U-NII 頻段測試紀錄結果

7 帶外發射之量測

7.1 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

7.2 量測方法

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

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

7.3 量測儀器

同 4.3 節

7.4 測試配置

同 4.4 節

7.5 場強度之計算

場強之計算公式如下：

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

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

*有效等向輻射功率限制值轉換場強值如下：

Applicable To		Limit	
789033 D02 General UNII Test Procedure New Rules v02r01		Field Strength at 3m	
		PK:74 (dBμV/m)	AV:54 (dBμV/m)
操作頻帶	Applicable To	EIRP Limit	Equivalent Field Strength at 3m
5150~5250 MHz	技術規範 4.7.4.1 節	PK:-27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz	技術規範 4.7.4.1 節		
5470~5725 MHz	技術規範 4.7.4.1 節		
5725~5850 MHz	☒ 技術規範 4.7.4.2 節	PK:-27 (dBm/MHz) ^{*1} PK:10 (dBm/MHz) ^{*2} PK:15.6 (dBm/MHz) ^{*3} PK:27 (dBm/MHz) ^{*4}	PK: 68.2(dBμV/m) ^{*1} PK:105.2 (dBμV/m) ^{*2} PK: 110.8(dBμV/m) ^{*3} PK:122.2 (dBμV/m) ^{*4}
	☐ 技術規範 4.7.4.7 節	適用 3.10.1.5 節帶外發射限制	
^{*1} beyond 75 MHz or more above of the band edge.		^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.	
^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.		^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.	

Note:

有效等向輻射功率限制值轉換場強之公式如下：

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

E: 以最寬解析頻寬所測得之最大場強值，單位:V/m。

G: 發射天線相對於全向性輻射器之數值增益。

d: 測試場強的距離，單位: m。

P: 求得之功率，單位:W。

7.6 量測結果

7.6.1 發射諧波

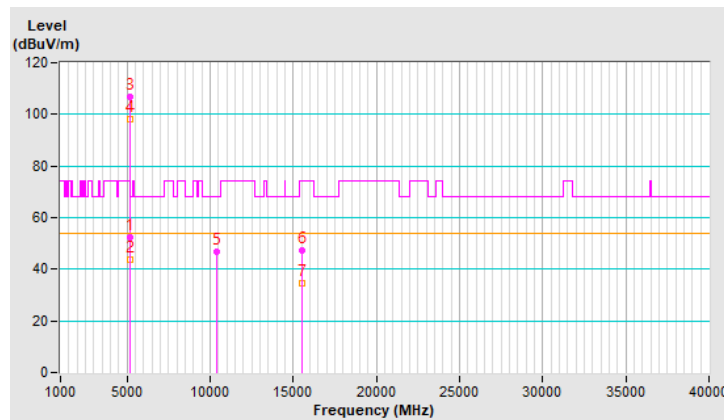
802.11a

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=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	52.3 PK	74.0	-21.7	1.50 H	278	49.3	3.0
2	5150.00	43.7 AV	54.0	-10.3	1.50 H	278	40.7	3.0
3	*5180.00	106.7 PK			1.50 H	278	103.7	3.0
4	*5180.00	98.1 AV			1.50 H	278	95.1	3.0
5	#10360.00	46.9 PK	68.2	-21.3	1.27 H	194	33.7	13.2
6	15540.00	47.2 PK	74.0	-26.8	1.27 H	194	33.6	13.6
7	15540.00	34.5 AV	54.0	-19.5	1.27 H	194	20.9	13.6
8	20720.00	-	-	-	-	-	-	-
9	#25900.00	-	-	-	-	-	-	-
10	#31080.00	-	-	-	-	-	-	-
11	#36260.00	-	-	-	-	-	-	-

Remarks:

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

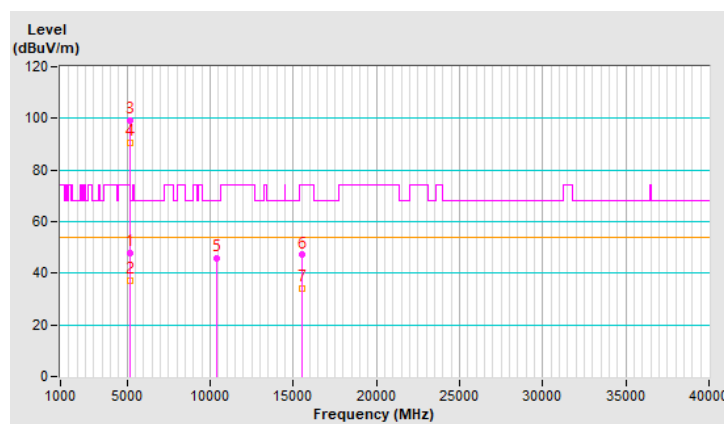


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	47.9 PK	74.0	-26.1	3.87 V	201	44.9	3.0
2	5150.00	37.3 AV	54.0	-16.7	3.87 V	201	34.3	3.0
3	*5180.00	99.1 PK			3.87 V	201	96.1	3.0
4	*5180.00	90.6 AV			3.87 V	201	87.6	3.0
5	#10360.00	45.9 PK	68.2	-22.3	1.35 V	149	32.7	13.2
6	15540.00	47.1 PK	74.0	-26.9	1.35 V	149	33.5	13.6
7	15540.00	33.9 AV	54.0	-20.1	1.35 V	149	20.3	13.6
8	20720.00	-	-	-	-	-	-	-
9	#25900.00	-	-	-	-	-	-	-
10	#31080.00	-	-	-	-	-	-	-
11	#36260.00	-	-	-	-	-	-	-

Remarks:

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

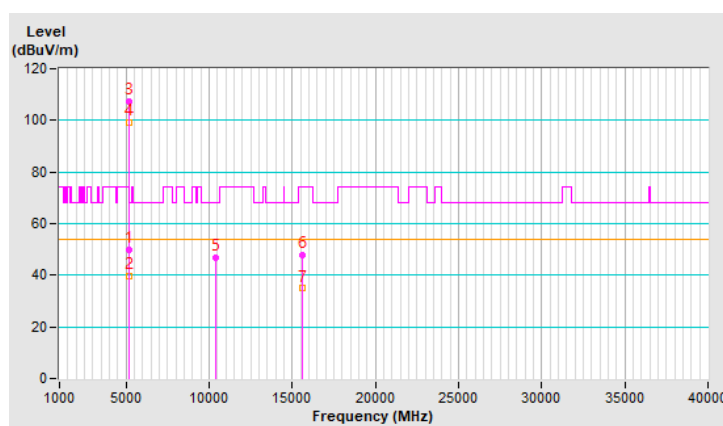


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.7 PK	74.0	-24.3	1.16 H	281	46.7	3.0
2	5150.00	39.7 AV	54.0	-14.3	1.16 H	281	36.7	3.0
3	*5200.00	107.4 PK			1.16 H	281	104.5	2.9
4	*5200.00	99.1 AV			1.16 H	281	96.2	2.9
5	#10400.00	46.9 PK	68.2	-21.3	1.23 H	206	33.6	13.3
6	15600.00	47.8 PK	74.0	-26.2	1.32 H	186	33.9	13.9
7	15600.00	34.9 AV	54.0	-19.1	1.32 H	186	21.0	13.9
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

Remarks:

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

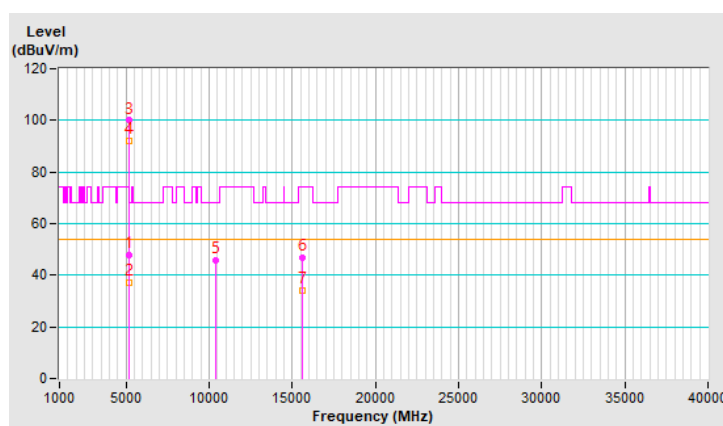


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	47.9 PK	74.0	-26.1	1.26 V	144	44.9	3.0
2	5150.00	37.1 AV	54.0	-16.9	1.26 V	144	34.1	3.0
3	*5200.00	100.0 PK			1.26 V	144	97.1	2.9
4	*5200.00	91.9 AV			1.26 V	144	89.0	2.9
5	#10400.00	45.6 PK	68.2	-22.6	1.35 V	146	32.3	13.3
6	15600.00	46.9 PK	74.0	-27.1	1.40 V	152	33.0	13.9
7	15600.00	34.0 AV	54.0	-20.0	1.40 V	152	20.1	13.9
8	20800.00	-	-	-	-	-	-	-
9	#26000.00	-	-	-	-	-	-	-
10	31200.00	-	-	-	-	-	-	-
11	#36400.00	-	-	-	-	-	-	-

Remarks:

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

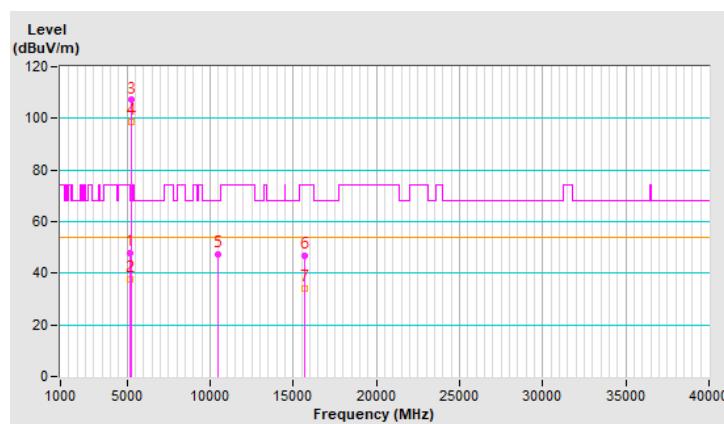


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	47.7 PK	74.0	-26.3	1.20 H	285	44.7	3.0
2	5150.00	37.5 AV	54.0	-16.5	1.20 H	285	34.5	3.0
3	*5240.00	107.1 PK			1.20 H	285	104.2	2.9
4	*5240.00	98.7 AV			1.20 H	285	95.8	2.9
5	#10480.00	47.3 PK	68.2	-20.9	1.22 H	210	33.8	13.5
6	15720.00	46.8 PK	74.0	-27.2	1.30 H	181	33.4	13.4
7	15720.00	34.3 AV	54.0	-19.7	1.30 H	181	20.9	13.4
8	20960.00	-	-	-	-	-	-	-
9	#26200.00	-	-	-	-	-	-	-
10	31440.00	-	-	-	-	-	-	-
11	#36680.00	-	-	-	-	-	-	-

Remarks:

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

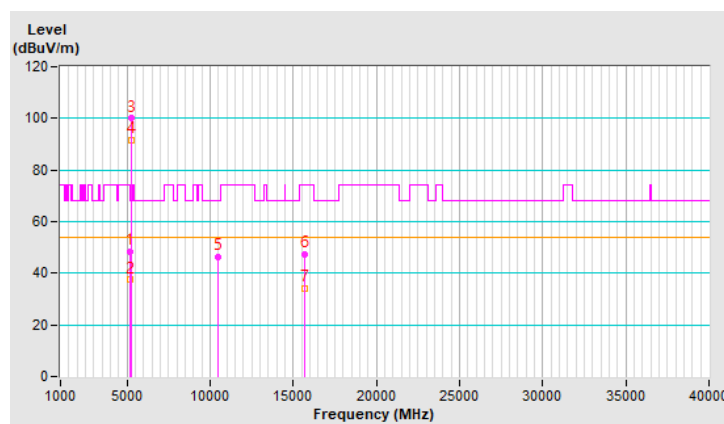


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	48.2 PK	74.0	-25.8	2.20 V	186	45.2	3.0
2	5150.00	37.4 AV	54.0	-16.6	2.20 V	186	34.4	3.0
3	*5240.00	100.0 PK			2.20 V	186	97.1	2.9
4	*5240.00	91.6 AV			2.20 V	186	88.7	2.9
5	#10480.00	46.3 PK	68.2	-21.9	1.30 V	144	32.8	13.5
6	15720.00	47.5 PK	74.0	-26.5	1.41 V	138	34.1	13.4
7	15720.00	34.2 AV	54.0	-19.8	1.41 V	138	20.8	13.4
8	20960.00	-	-	-	-	-	-	-
9	#26200.00	-	-	-	-	-	-	-
10	31440.00	-	-	-	-	-	-	-
11	#36680.00	-	-	-	-	-	-	-

Remarks:

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

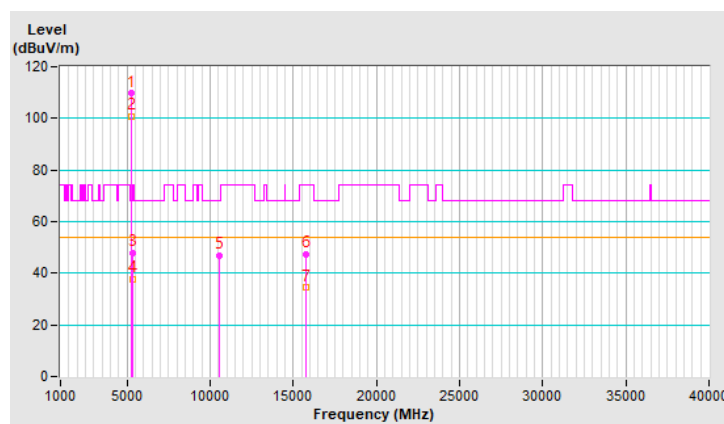


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5260.00	109.6 PK			1.35 H	279	106.8	2.8
2	*5260.00	100.6 AV			1.35 H	279	97.8	2.8
3	5350.00	47.7 PK	74.0	-26.3	1.35 H	279	44.7	3.0
4	5350.00	37.6 AV	54.0	-16.4	1.35 H	279	34.6	3.0
5	#10520.00	46.7 PK	68.2	-21.5	1.32 H	194	33.1	13.6
6	15780.00	47.2 PK	74.0	-26.8	1.29 H	191	34.1	13.1
7	15780.00	34.4 AV	54.0	-19.6	1.29 H	191	21.3	13.1
8	21040.00	-	-	-	-	-	-	-
9	#26300.00	-	-	-	-	-	-	-
10	31560.00	-	-	-	-	-	-	-
11	#36820.00	-	-	-	-	-	-	-

Remarks:

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

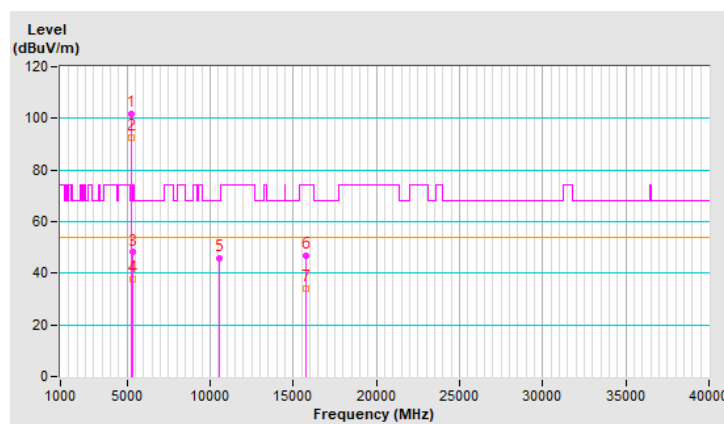


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5260.00	101.7 PK			1.69 V	232	98.9	2.8
2	*5260.00	92.6 AV			1.69 V	232	89.8	2.8
3	5350.00	48.1 PK	74.0	-25.9	1.69 V	232	45.1	3.0
4	5350.00	37.5 AV	54.0	-16.5	1.69 V	232	34.5	3.0
5	#10520.00	45.9 PK	68.2	-22.3	1.39 V	159	32.3	13.6
6	15780.00	46.9 PK	74.0	-27.1	1.30 V	151	33.8	13.1
7	15780.00	33.9 AV	54.0	-20.1	1.30 V	151	20.8	13.1
8	21040.00	-	-	-	-	-	-	-
9	#26300.00	-	-	-	-	-	-	-
10	31560.00	-	-	-	-	-	-	-
11	#36820.00	-	-	-	-	-	-	-

Remarks:

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

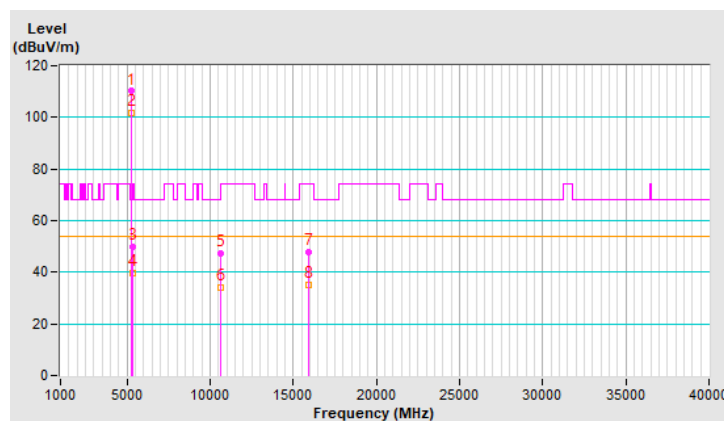


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	110.1 PK			1.10 H	261	107.2	2.9
2	*5300.00	101.9 AV			1.10 H	261	99.0	2.9
3	5350.00	49.8 PK	74.0	-24.2	1.10 H	261	46.8	3.0
4	5350.00	39.8 AV	54.0	-14.2	1.10 H	261	36.8	3.0
5	10600.00	47.4 PK	74.0	-26.6	1.21 H	193	34.2	13.2
6	10600.00	34.0 AV	54.0	-20.0	1.21 H	193	20.8	13.2
7	15900.00	47.7 PK	74.0	-26.3	1.26 H	180	34.6	13.1
8	15900.00	35.0 AV	54.0	-19.0	1.26 H	180	21.9	13.1
9	21200.00	-	-	-	-	-	-	-
10	#26500.00	-	-	-	-	-	-	-
11	31800.00	-	-	-	-	-	-	-
12	#37100.00	-	-	-	-	-	-	-

Remarks:

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

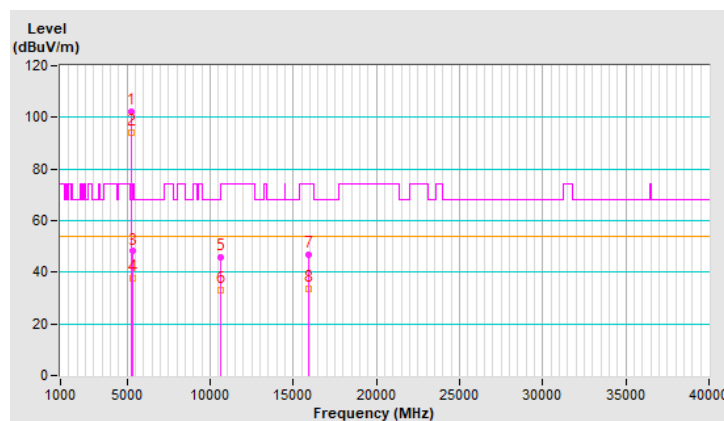


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	102.2 PK			1.19 V	268	99.3	2.9
2	*5300.00	94.0 AV			1.19 V	268	91.1	2.9
3	5350.00	48.1 PK	74.0	-25.9	1.19 V	268	45.1	3.0
4	5350.00	37.6 AV	54.0	-16.4	1.19 V	268	34.6	3.0
5	10600.00	46.0 PK	74.0	-28.0	1.39 V	135	32.8	13.2
6	10600.00	33.0 AV	54.0	-21.0	1.39 V	135	19.8	13.2
7	15900.00	46.8 PK	74.0	-27.2	1.29 V	143	33.7	13.1
8	15900.00	33.5 AV	54.0	-20.5	1.29 V	143	20.4	13.1
9	21200.00	-	-	-	-	-	-	-
10	#26500.00	-	-	-	-	-	-	-
11	31800.00	-	-	-	-	-	-	-
12	#37100.00	-	-	-	-	-	-	-

Remarks:

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

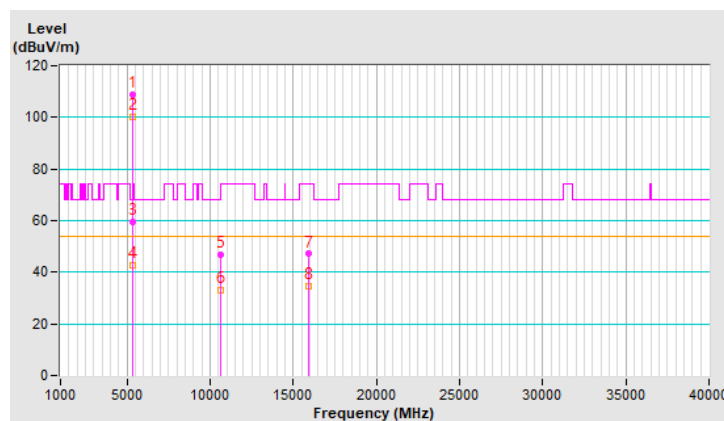


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	108.9 PK			1.17 H	282	106.0	2.9
2	*5320.00	100.3 AV			1.17 H	282	97.4	2.9
3	5350.00	59.5 PK	74.0	-14.5	1.17 H	282	56.5	3.0
4	5350.00	42.7 AV	54.0	-11.3	1.17 H	282	39.7	3.0
5	10640.00	46.8 PK	74.0	-27.2	1.24 H	204	33.5	13.3
6	10640.00	33.3 AV	54.0	-20.7	1.24 H	204	20.0	13.3
7	15960.00	47.1 PK	74.0	-26.9	1.33 H	187	33.7	13.4
8	15960.00	34.5 AV	54.0	-19.5	1.33 H	187	21.1	13.4
9	21280.00	-	-	-	-	-	-	-
10	#26600.00	-	-	-	-	-	-	-
11	#31920.00	-	-	-	-	-	-	-
12	#37240.00	-	-	-	-	-	-	-

Remarks:

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

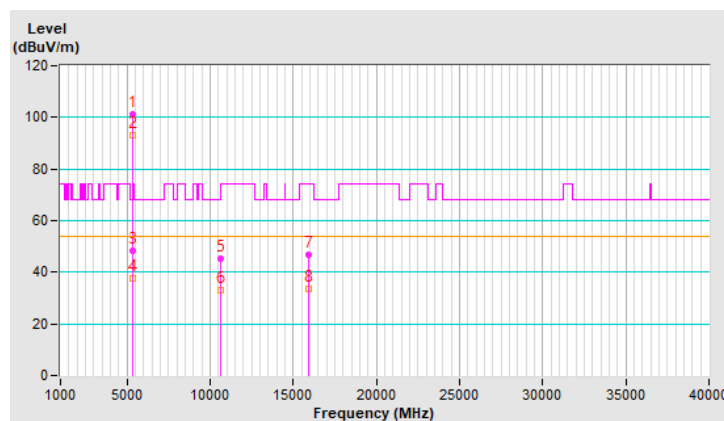


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	101.2 PK			1.90 V	199	98.3	2.9
2	*5320.00	93.2 AV			1.90 V	199	90.3	2.9
3	5350.00	48.4 PK	74.0	-25.6	1.90 V	199	45.4	3.0
4	5350.00	37.8 AV	54.0	-16.2	1.90 V	199	34.8	3.0
5	10640.00	45.5 PK	74.0	-28.5	1.41 V	149	32.2	13.3
6	10640.00	33.0 AV	54.0	-21.0	1.41 V	149	19.7	13.3
7	15960.00	46.7 PK	74.0	-27.3	1.40 V	145	33.3	13.4
8	15960.00	33.7 AV	54.0	-20.3	1.40 V	145	20.3	13.4
9	21280.00	-	-	-	-	-	-	-
10	#26600.00	-	-	-	-	-	-	-
11	#31920.00	-	-	-	-	-	-	-
12	#37240.00	-	-	-	-	-	-	-

Remarks:

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

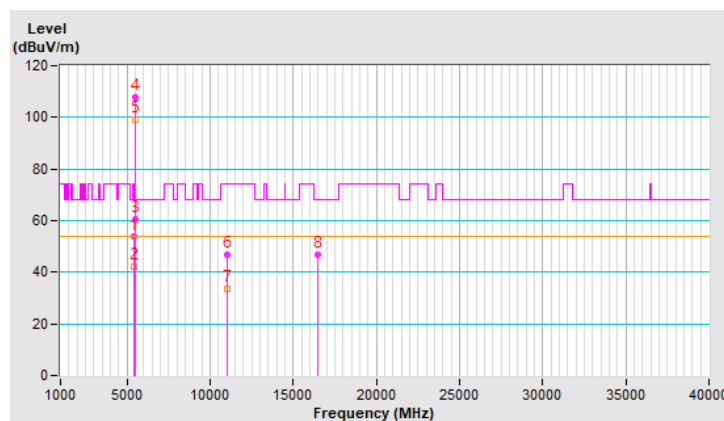


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	53.7 PK	74.0	-20.3	1.20 H	281	50.5	3.2
2	5460.00	42.2 AV	54.0	-11.8	1.20 H	281	39.0	3.2
3	#5470.00	60.7 PK	68.2	-7.5	1.20 H	281	57.5	3.2
4	*5500.00	107.8 PK			1.20 H	281	104.5	3.3
5	*5500.00	99.4 AV			1.20 H	281	96.1	3.3
6	11000.00	47.0 PK	74.0	-27.0	1.24 H	198	33.0	14.0
7	11000.00	33.6 AV	54.0	-20.4	1.24 H	198	19.6	14.0
8	#16500.00	47.0 PK	68.2	-21.2	1.25 H	208	31.5	15.5
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

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

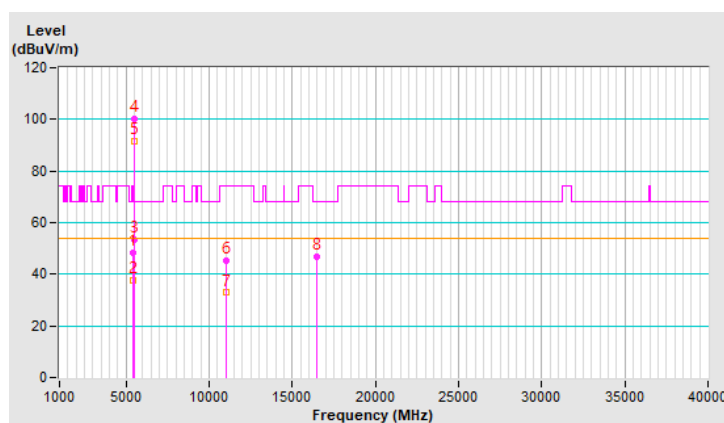


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	48.3 PK	74.0	-25.7	1.40 V	112	45.1	3.2
2	5460.00	37.5 AV	54.0	-16.5	1.40 V	112	34.3	3.2
3	#5470.00	53.6 PK	68.2	-14.6	1.40 V	112	50.4	3.2
4	*5500.00	100.4 PK			1.40 V	112	97.1	3.3
5	*5500.00	91.6 AV			1.40 V	112	88.3	3.3
6	11000.00	45.3 PK	74.0	-28.7	1.37 V	136	31.3	14.0
7	11000.00	32.8 AV	54.0	-21.2	1.37 V	136	18.8	14.0
8	#16500.00	47.0 PK	68.2	-21.2	1.32 V	158	31.5	15.5
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

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

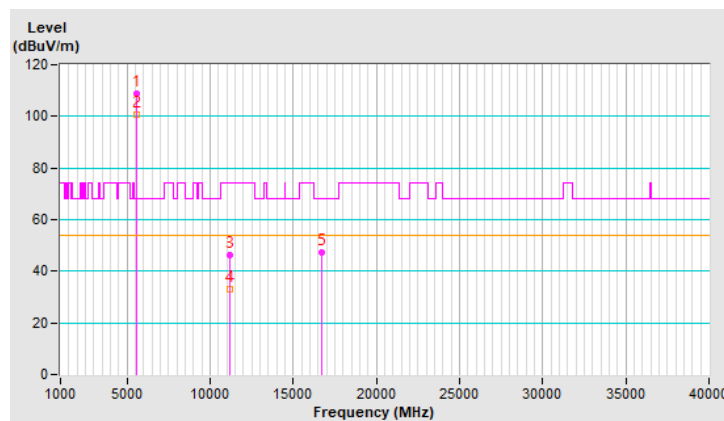


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	108.7 PK			1.28 H	284	105.4	3.3
2	*5580.00	100.7 AV			1.28 H	284	97.4	3.3
3	11160.00	46.5 PK	74.0	-27.5	1.27 H	193	33.1	13.4
4	11160.00	33.2 AV	54.0	-20.8	1.27 H	193	19.8	13.4
5	#16740.00	47.3 PK	68.2	-20.9	1.22 H	180	30.7	16.6
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

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

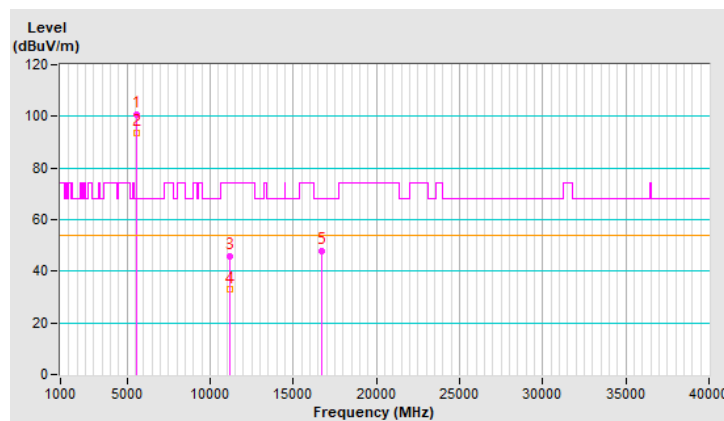


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	100.9 PK			1.20 V	199	97.6	3.3
2	*5580.00	93.4 AV			1.20 V	199	90.1	3.3
3	11160.00	45.7 PK	74.0	-28.3	1.33 V	154	32.3	13.4
4	11160.00	32.8 AV	54.0	-21.2	1.33 V	154	19.4	13.4
5	#16740.00	47.7 PK	68.2	-20.5	1.31 V	136	31.1	16.6
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

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

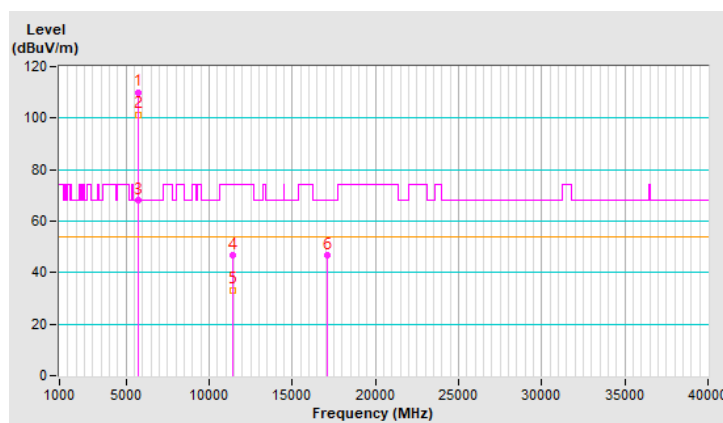


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	109.9 PK			1.28 H	281	106.1	3.8
2	*5700.00	101.2 AV			1.28 H	281	97.4	3.8
3	#5725.00	67.9 PK	68.2	-0.3	1.28 H	281	64.1	3.8
4	11400.00	46.6 PK	74.0	-27.4	1.24 H	184	32.4	14.2
5	11400.00	33.2 AV	54.0	-20.8	1.24 H	184	19.0	14.2
6	#17100.00	46.6 PK	68.2	-21.6	1.31 H	201	29.1	17.5
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

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

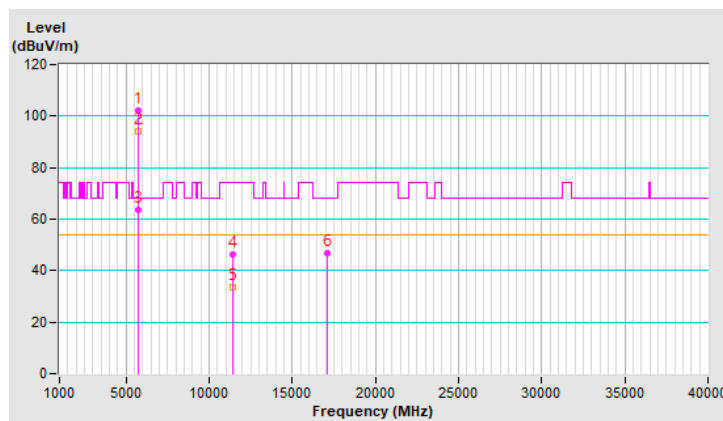


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	102.3 PK			1.09 V	150	98.5	3.8
2	*5700.00	94.2 AV			1.09 V	150	90.4	3.8
3	#5725.00	63.7 PK	68.2	-4.5	1.09 V	150	59.9	3.8
4	11400.00	46.5 PK	74.0	-27.5	1.37 V	147	32.3	14.2
5	11400.00	33.6 AV	54.0	-20.4	1.37 V	147	19.4	14.2
6	#17100.00	47.0 PK	68.2	-21.2	1.38 V	143	29.5	17.5
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

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

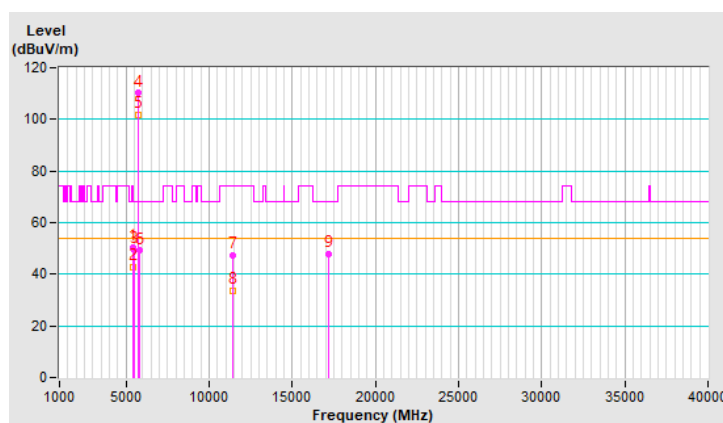


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144：5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.5 PK	74.0	-23.5	1.28 H	282	47.3	3.2
2	5460.00	42.7 AV	54.0	-11.3	1.28 H	282	39.5	3.2
3	#5470.00	49.5 PK	68.2	-18.7	1.28 H	282	46.3	3.2
4	*5720.00	110.1 PK			1.28 H	282	106.3	3.8
5	*5720.00	101.6 AV			1.28 H	282	97.8	3.8
6	#5850.00	49.1 PK	68.2	-19.1	1.28 H	282	44.9	4.2
7	11440.00	47.3 PK	74.0	-26.7	1.25 H	178	33.2	14.1
8	11440.00	33.7 AV	54.0	-20.3	1.25 H	178	19.6	14.1
9	#17160.00	47.9 PK	68.2	-20.3	1.24 H	180	30.9	17.0
10	22880.00	-	-	-	-	-	-	-
11	#28600.00	-	-	-	-	-	-	-
12	#34320.00	-	-	-	-	-	-	-

Remarks:

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

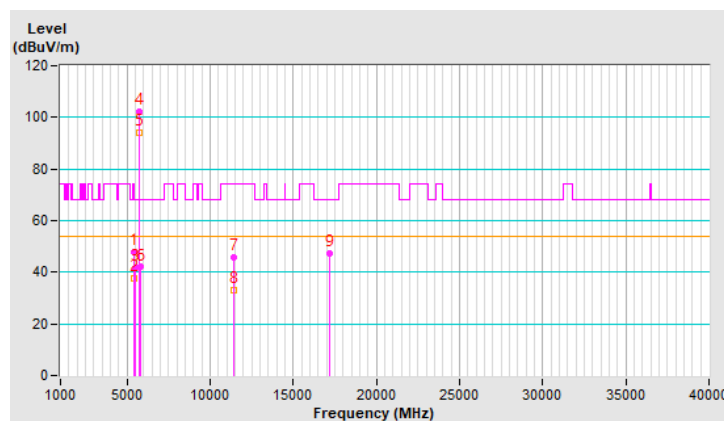


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144：5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	47.9 PK	74.0	-26.1	1.88 V	254	44.7	3.2
2	5460.00	37.5 AV	54.0	-16.5	1.88 V	254	34.3	3.2
3	#5470.00	41.6 PK	68.2	-26.6	1.88 V	254	38.4	3.2
4	*5720.00	102.3 PK			1.88 V	254	98.5	3.8
5	*5720.00	94.3 AV			1.88 V	254	90.5	3.8
6	#5850.00	42.0 PK	68.2	-26.2	1.88 V	254	37.8	4.2
7	11440.00	45.9 PK	74.0	-28.1	1.36 V	146	31.8	14.1
8	11440.00	33.0 AV	54.0	-21.0	1.36 V	146	18.9	14.1
9	#17160.00	47.3 PK	68.2	-20.9	1.33 V	136	30.3	17.0
10	22880.00	-	-	-	-	-	-	-
11	#28600.00	-	-	-	-	-	-	-
12	#34320.00	-	-	-	-	-	-	-

Remarks:

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

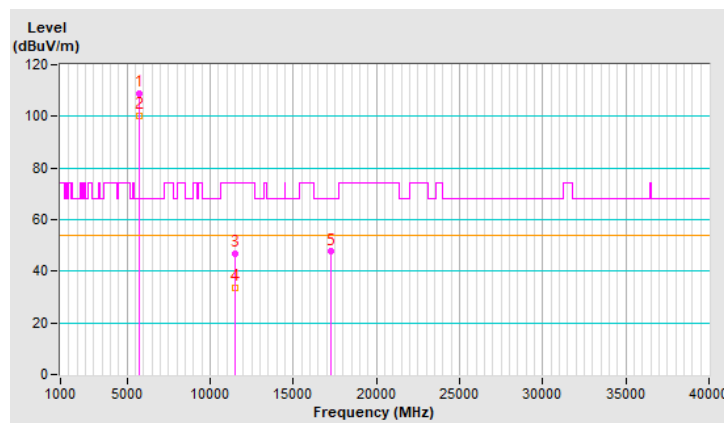


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	108.9 PK			1.27 H	281	105.1	3.8
2	*5745.00	100.2 AV			1.27 H	281	96.4	3.8
3	11490.00	47.0 PK	74.0	-27.0	1.23 H	197	33.0	14.0
4	11490.00	33.4 AV	54.0	-20.6	1.23 H	197	19.4	14.0
5	#17235.00	47.6 PK	68.2	-20.6	1.29 H	210	31.1	16.5
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

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

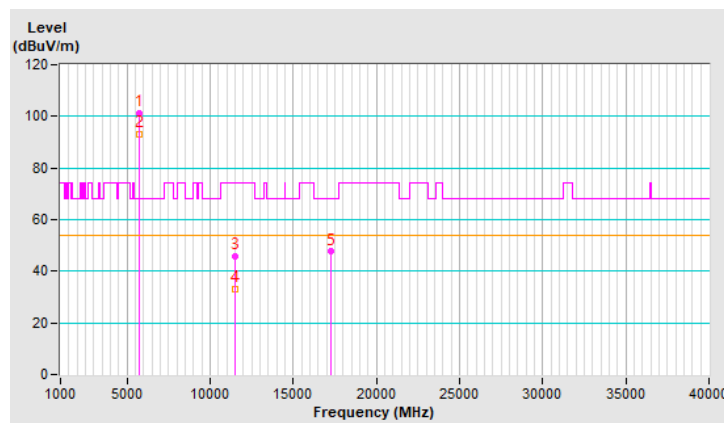


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	101.4 PK			2.31 V	197	97.6	3.8
2	*5745.00	93.1 AV			2.31 V	197	89.3	3.8
3	11490.00	45.9 PK	74.0	-28.1	1.37 V	137	31.9	14.0
4	11490.00	33.2 AV	54.0	-20.8	1.37 V	137	19.2	14.0
5	#17235.00	47.6 PK	68.2	-20.6	1.35 V	157	31.1	16.5
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

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

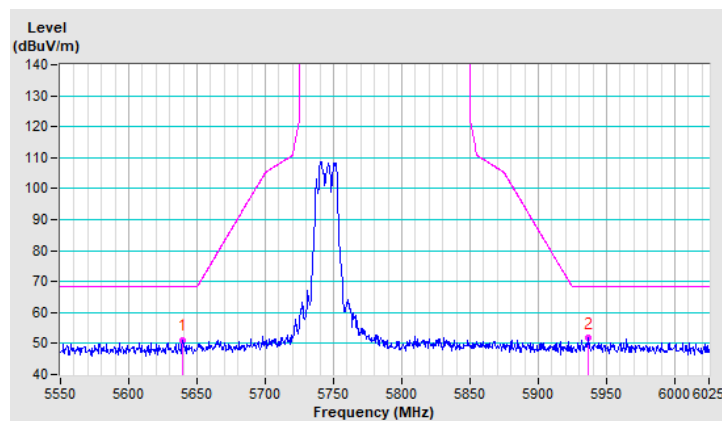


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5639.43	51.1 PK	68.2	-17.1	1.27 H	281	47.7	3.4
2	*5745.00	-	-	-	-	-	-	-
3	#5936.97	51.7 PK	68.2	-16.5	1.27 H	281	47.7	4.0
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

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



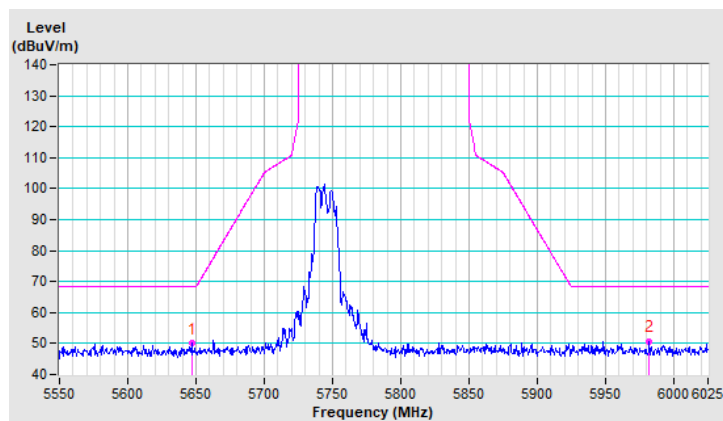
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.64	50.0 PK	68.2	-18.2	2.31 V	197	46.5	3.5
2	*5745.00	-	-	-	-	-	-	-
3	#5981.99	50.8 PK	68.2	-17.4	2.31 V	197	46.7	4.1
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

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

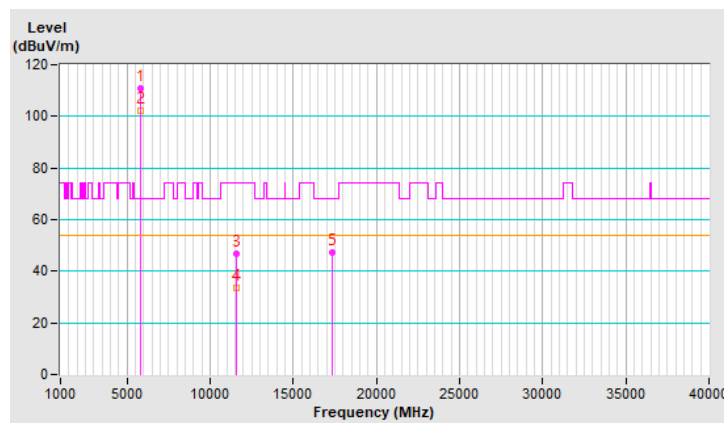


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	110.9 PK			1.26 H	282	107.0	3.9
2	*5785.00	102.1 AV			1.26 H	282	98.2	3.9
3	11570.00	46.8 PK	74.0	-27.2	1.22 H	197	33.2	13.6
4	11570.00	33.7 AV	54.0	-20.3	1.22 H	197	20.1	13.6
5	#17355.00	47.4 PK	68.2	-20.8	1.21 H	178	30.4	17.0
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

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

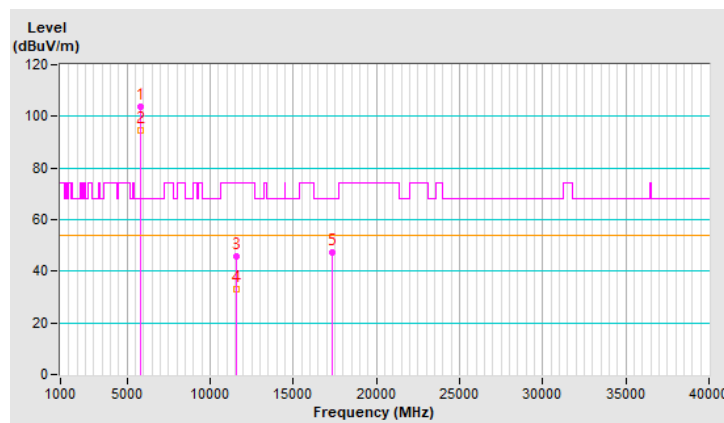


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	103.7 PK			1.68 V	141	99.8	3.9
2	*5785.00	94.6 AV			1.68 V	141	90.7	3.9
3	11570.00	45.7 PK	74.0	-28.3	1.36 V	156	32.1	13.6
4	11570.00	33.1 AV	54.0	-20.9	1.36 V	156	19.5	13.6
5	#17355.00	47.2 PK	68.2	-21.0	1.30 V	157	30.2	17.0
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

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

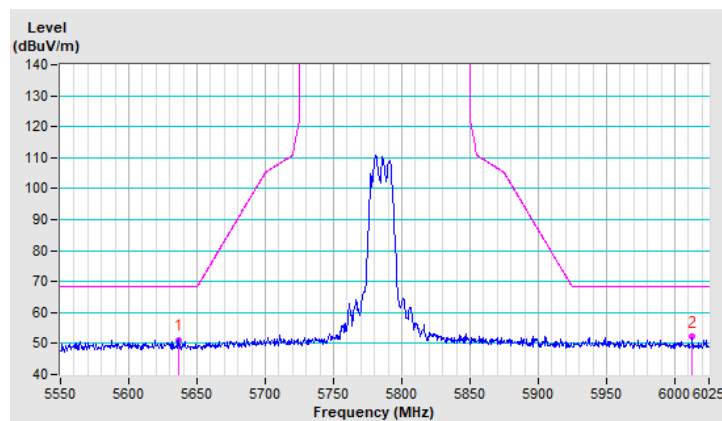


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157：5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5636.58	51.2 PK	68.2	-17.0	1.26 H	283	47.8	3.4
2	*5785.00	-	-	-	-	-	-	-
3	#6012.66	52.1 PK	68.2	-16.1	1.26 H	283	48.0	4.1
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

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



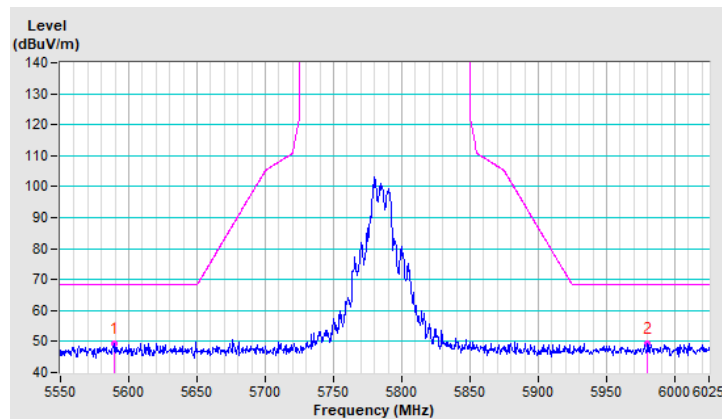
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157：5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5589.20	49.4 PK	68.2	-18.8	1.68 V	141	46.1	3.3
2	*5785.00	-	-	-	-	-	-	-
3	#5980.24	49.4 PK	68.2	-18.8	1.68 V	141	45.3	4.1
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

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

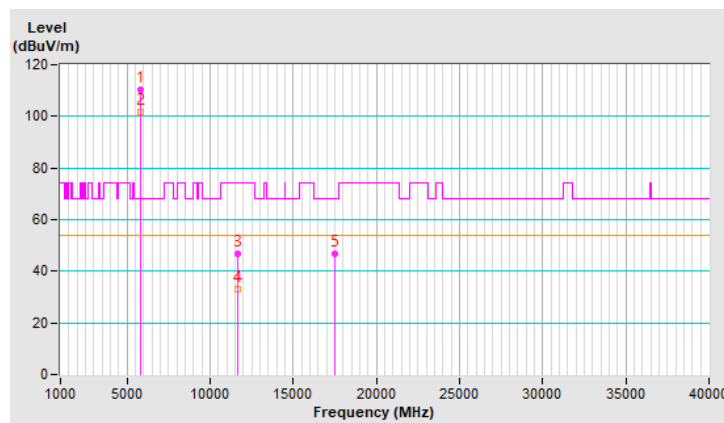


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	110.4 PK			1.30 H	287	106.3	4.1
2	*5825.00	101.9 AV			1.30 H	287	97.8	4.1
3	11650.00	46.7 PK	74.0	-27.3	1.33 H	192	33.2	13.5
4	11650.00	33.2 AV	54.0	-20.8	1.33 H	192	19.7	13.5
5	#17475.00	46.8 PK	68.2	-21.4	1.30 H	184	28.2	18.6
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

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

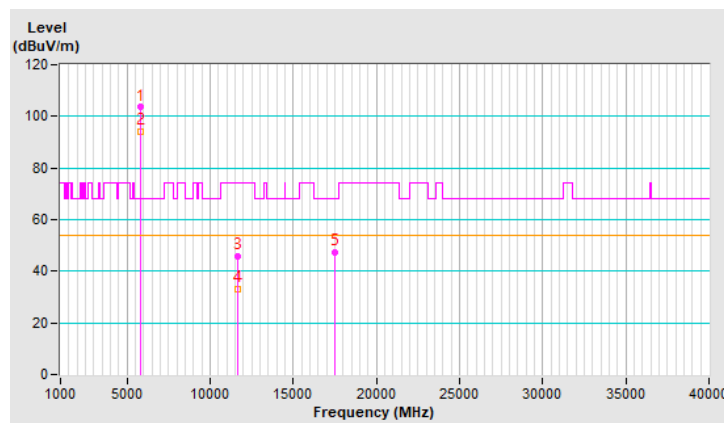


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	103.5 PK			1.74 V	157	99.4	4.1
2	*5825.00	94.2 AV			1.74 V	157	90.1	4.1
3	11650.00	45.7 PK	74.0	-28.3	1.38 V	143	32.2	13.5
4	11650.00	33.3 AV	54.0	-20.7	1.38 V	143	19.8	13.5
5	#17475.00	47.3 PK	68.2	-20.9	1.34 V	141	28.7	18.6
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

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

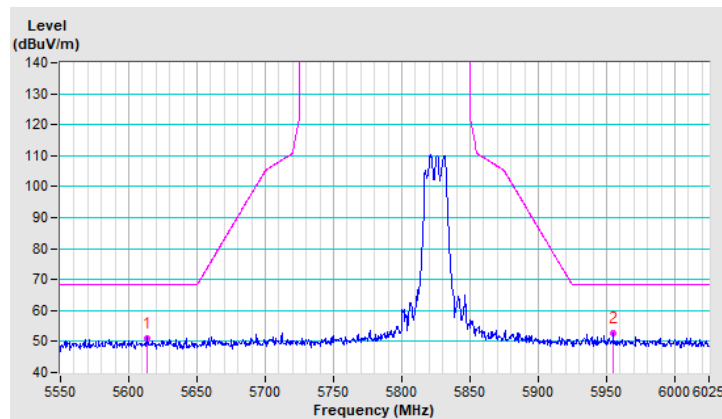


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5613.57	51.2 PK	68.2	-17.0	1.30 H	287	47.8	3.4
2	*5825.00	-	-	-	-	-	-	-
3	#5954.89	52.6 PK	68.2	-15.6	1.30 H	287	48.5	4.1
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

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



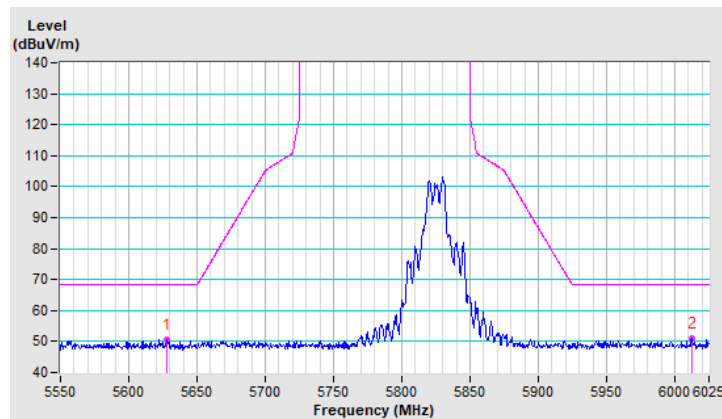
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5627.87	50.5 PK	68.2	-17.7	1.74 V	157	47.1	3.4
2	*5825.00	-	-	-	-	-	-	-
3	#6012.60	51.0 PK	68.2	-17.2	1.74 V	157	46.9	4.1
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

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



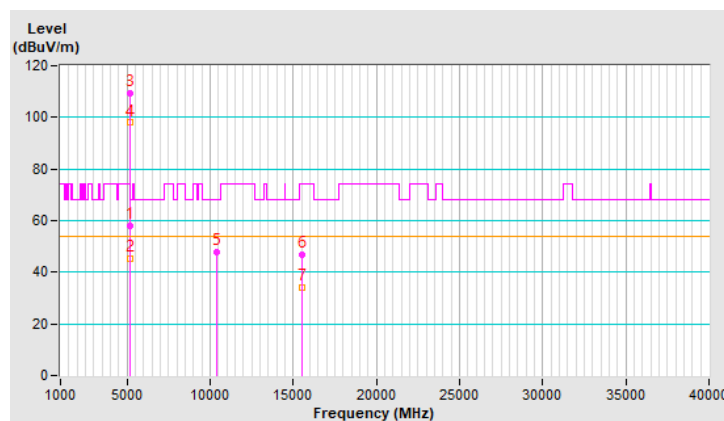
802.11ac (VHT20)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.8 PK	74.0	-16.2	1.13 H	60	54.8	3.0
2	5150.00	45.4 AV	54.0	-8.6	1.13 H	60	42.4	3.0
3	*5180.00	109.2 PK			1.13 H	60	106.2	3.0
4	*5180.00	97.9 AV			1.13 H	60	94.9	3.0
5	#10360.00	47.7 PK	68.2	-20.5	1.23 H	186	34.5	13.2
6	15540.00	46.7 PK	74.0	-27.3	1.30 H	187	33.1	13.6
7	15540.00	34.3 AV	54.0	-19.7	1.30 H	187	20.7	13.6
8	20720.00	-	-	-	-	-	-	-
9	#25900.00	-	-	-	-	-	-	-
10	#31080.00	-	-	-	-	-	-	-
11	#36260.00	-	-	-	-	-	-	-

Remarks:

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

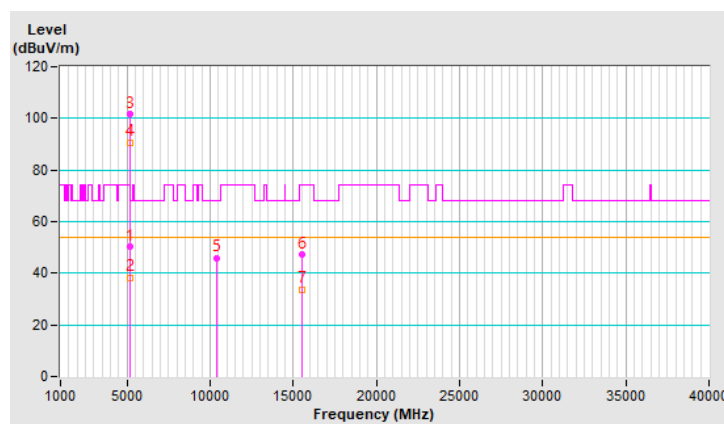


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 36：5180 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.1 PK	74.0	-23.9	1.46 V	257	47.1	3.0
2	5150.00	38.1 AV	54.0	-15.9	1.46 V	257	35.1	3.0
3	*5180.00	101.5 PK			1.46 V	257	98.5	3.0
4	*5180.00	90.5 AV			1.46 V	257	87.5	3.0
5	#10360.00	45.9 PK	68.2	-22.3	1.39 V	162	32.7	13.2
6	15540.00	47.1 PK	74.0	-26.9	1.33 V	156	33.5	13.6
7	15540.00	33.7 AV	54.0	-20.3	1.33 V	156	20.1	13.6
8	20720.00	-	-	-	-	-	-	-
9	#25900.00	-	-	-	-	-	-	-
10	#31080.00	-	-	-	-	-	-	-
11	#36260.00	-	-	-	-	-	-	-

Remarks:

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

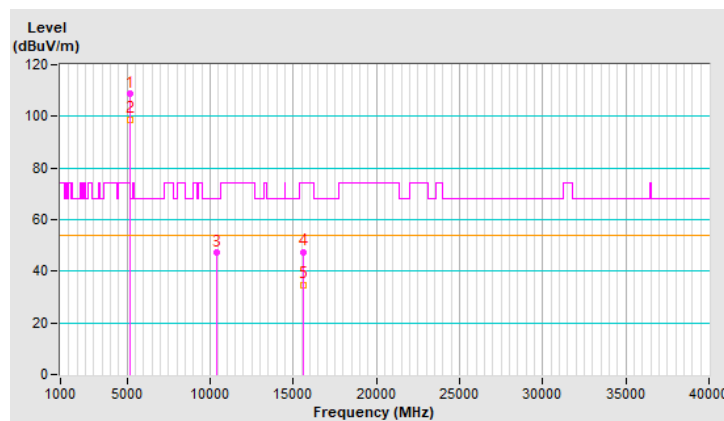


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	108.6 PK			1.14 H	58	105.7	2.9
2	*5200.00	98.5 AV			1.14 H	58	95.6	2.9
3	#10400.00	47.1 PK	68.2	-21.1	1.27 H	198	33.8	13.3
4	15600.00	47.3 PK	74.0	-26.7	1.25 H	190	33.4	13.9
5	15600.00	34.6 AV	54.0	-19.4	1.25 H	190	20.7	13.9
6	20800.00	-	-	-	-	-	-	-
7	#26000.00	-	-	-	-	-	-	-
8	31200.00	-	-	-	-	-	-	-
9	#36400.00	-	-	-	-	-	-	-

Remarks:

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

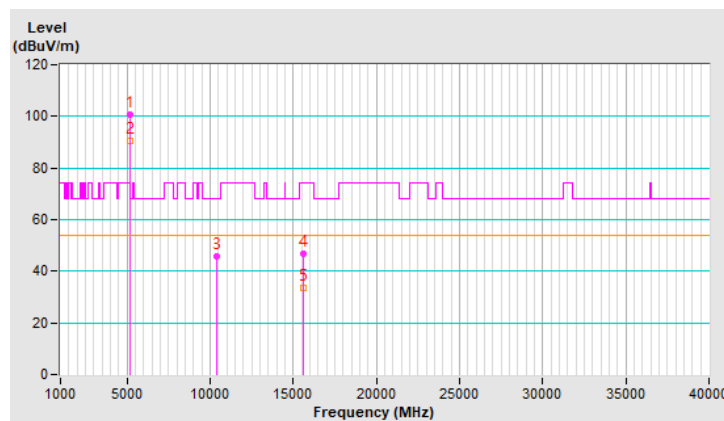


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 40：5200 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5200.00	100.8 PK			2.59 V	218	97.9	2.9
2	*5200.00	90.7 AV			2.59 V	218	87.8	2.9
3	#10400.00	45.7 PK	68.2	-22.5	1.38 V	164	32.4	13.3
4	15600.00	46.8 PK	74.0	-27.2	1.39 V	146	32.9	13.9
5	15600.00	33.5 AV	54.0	-20.5	1.39 V	146	19.6	13.9
6	20800.00	-	-	-	-	-	-	-
7	#26000.00	-	-	-	-	-	-	-
8	31200.00	-	-	-	-	-	-	-
9	#36400.00	-	-	-	-	-	-	-

Remarks:

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

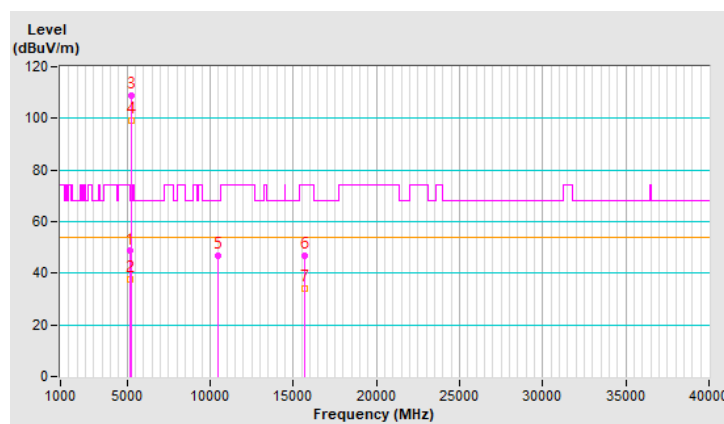


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	48.6 PK	74.0	-25.4	1.02 H	58	45.6	3.0
2	5150.00	37.5 AV	54.0	-16.5	1.02 H	58	34.5	3.0
3	*5240.00	108.9 PK			1.02 H	58	106.0	2.9
4	*5240.00	99.3 AV			1.02 H	58	96.4	2.9
5	#10480.00	46.7 PK	68.2	-21.5	1.28 H	186	33.2	13.5
6	15720.00	46.7 PK	74.0	-27.3	1.23 H	208	33.3	13.4
7	15720.00	34.2 AV	54.0	-19.8	1.23 H	208	20.8	13.4
8	20960.00	-	-	-	-	-	-	-
9	#26200.00	-	-	-	-	-	-	-
10	31440.00	-	-	-	-	-	-	-
11	#36680.00	-	-	-	-	-	-	-

Remarks:

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

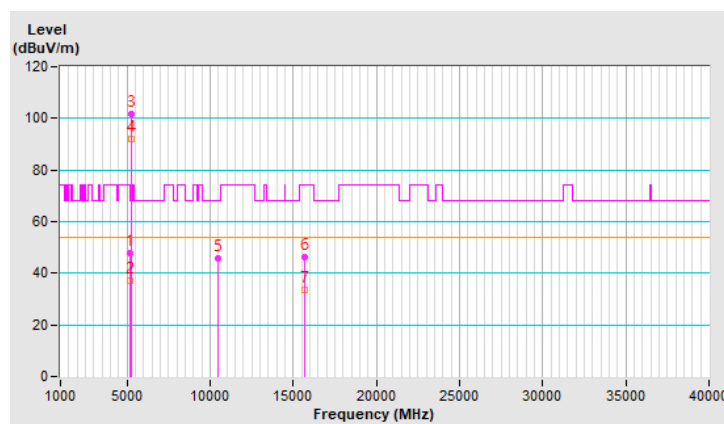


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	48.0 PK	74.0	-26.0	1.72 V	244	45.0	3.0
2	5150.00	37.2 AV	54.0	-16.8	1.72 V	244	34.2	3.0
3	*5240.00	101.7 PK			1.72 V	244	98.8	2.9
4	*5240.00	92.2 AV			1.72 V	244	89.3	2.9
5	#10480.00	45.9 PK	68.2	-22.3	1.34 V	140	32.4	13.5
6	15720.00	46.5 PK	74.0	-27.5	1.37 V	161	33.1	13.4
7	15720.00	33.4 AV	54.0	-20.6	1.37 V	161	20.0	13.4
8	20960.00	-	-	-	-	-	-	-
9	#26200.00	-	-	-	-	-	-	-
10	31440.00	-	-	-	-	-	-	-
11	#36680.00	-	-	-	-	-	-	-

Remarks:

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

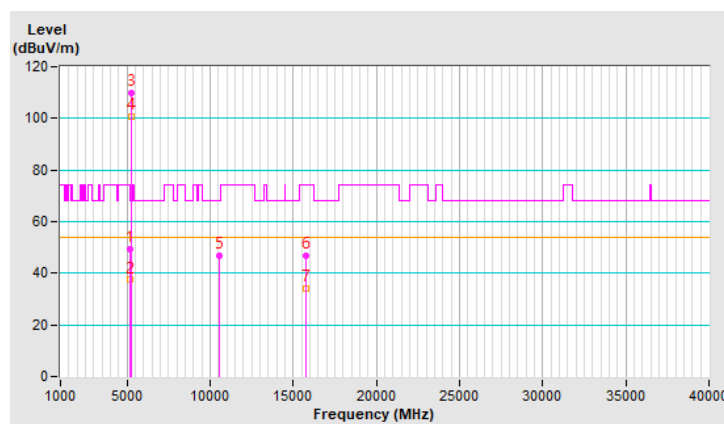


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.3 PK	74.0	-24.7	1.14 H	57	46.3	3.0
2	5150.00	37.4 AV	54.0	-16.6	1.14 H	57	34.4	3.0
3	*5260.00	109.8 PK			1.14 H	57	107.0	2.8
4	*5260.00	100.9 AV			1.14 H	57	98.1	2.8
5	#10520.00	46.8 PK	68.2	-21.4	1.21 H	196	33.2	13.6
6	15780.00	47.0 PK	74.0	-27.0	1.21 H	192	33.9	13.1
7	15780.00	34.3 AV	54.0	-19.7	1.21 H	192	21.2	13.1
8	21040.00	-	-	-	-	-	-	-
9	#26300.00	-	-	-	-	-	-	-
10	31560.00	-	-	-	-	-	-	-
11	#36820.00	-	-	-	-	-	-	-

Remarks:

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

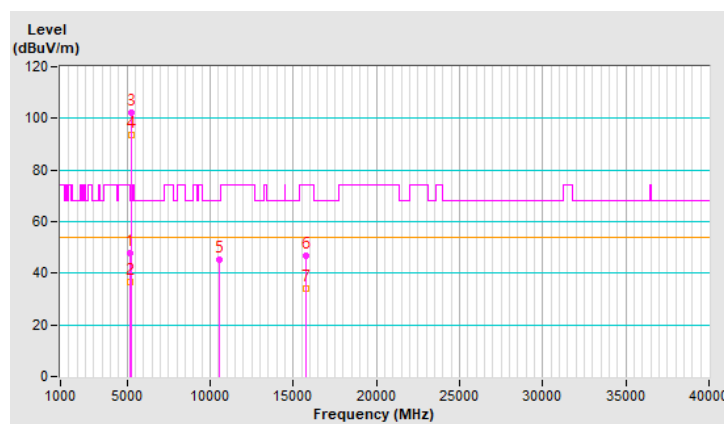


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 52：5260 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	47.7 PK	74.0	-26.3	2.11 V	233	44.7	3.0
2	5150.00	36.8 AV	54.0	-17.2	2.11 V	233	33.8	3.0
3	*5260.00	102.3 PK			2.11 V	233	99.5	2.8
4	*5260.00	93.4 AV			2.11 V	233	90.6	2.8
5	#10520.00	45.5 PK	68.2	-22.7	1.30 V	159	31.9	13.6
6	15780.00	47.0 PK	74.0	-27.0	1.39 V	139	33.9	13.1
7	15780.00	33.9 AV	54.0	-20.1	1.39 V	139	20.8	13.1
8	21040.00	-	-	-	-	-	-	-
9	#26300.00	-	-	-	-	-	-	-
10	31560.00	-	-	-	-	-	-	-
11	#36820.00	-	-	-	-	-	-	-

Remarks:

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

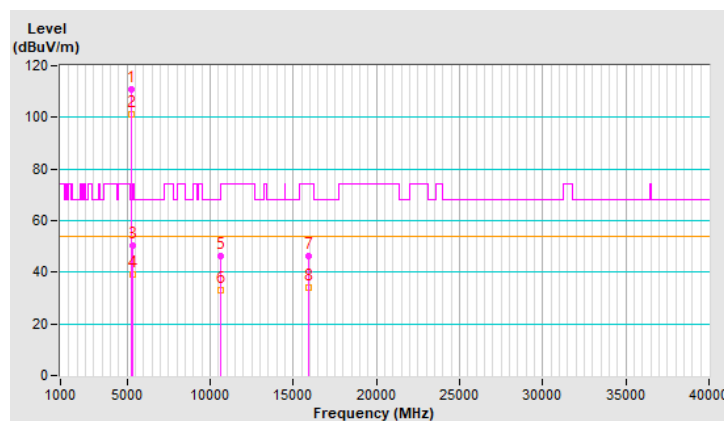


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	110.9 PK			1.16 H	58	108.0	2.9
2	*5300.00	101.1 AV			1.16 H	58	98.2	2.9
3	5350.00	50.3 PK	74.0	-23.7	1.16 H	58	47.3	3.0
4	5350.00	39.1 AV	54.0	-14.9	1.16 H	58	36.1	3.0
5	10600.00	46.5 PK	74.0	-27.5	1.31 H	197	33.3	13.2
6	10600.00	33.3 AV	54.0	-20.7	1.31 H	197	20.1	13.2
7	15900.00	46.4 PK	74.0	-27.6	1.26 H	180	33.3	13.1
8	15900.00	34.0 AV	54.0	-20.0	1.26 H	180	20.9	13.1
9	21200.00	-	-	-	-	-	-	-
10	#26500.00	-	-	-	-	-	-	-
11	31800.00	-	-	-	-	-	-	-
12	#37100.00	-	-	-	-	-	-	-

Remarks:

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

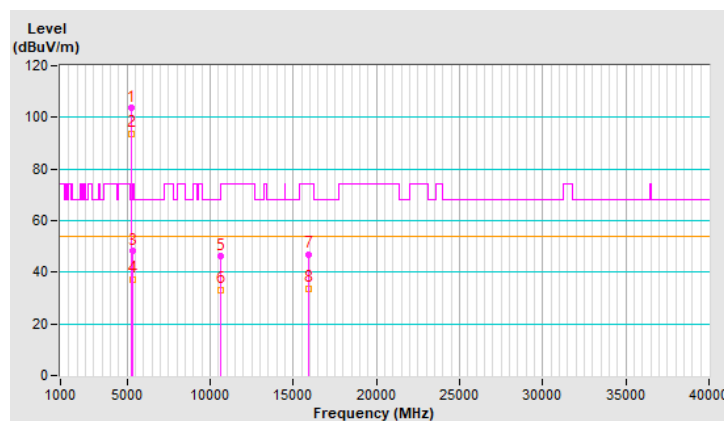


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 60：5300 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	103.5 PK			2.00 V	218	100.6	2.9
2	*5300.00	93.5 AV			2.00 V	218	90.6	2.9
3	5350.00	48.1 PK	74.0	-25.9	2.00 V	218	45.1	3.0
4	5350.00	37.3 AV	54.0	-16.7	2.00 V	218	34.3	3.0
5	10600.00	46.1 PK	74.0	-27.9	1.30 V	140	32.9	13.2
6	10600.00	33.1 AV	54.0	-20.9	1.30 V	140	19.9	13.2
7	15900.00	46.9 PK	74.0	-27.1	1.31 V	140	33.8	13.1
8	15900.00	33.6 AV	54.0	-20.4	1.31 V	140	20.5	13.1
9	21200.00	-	-	-	-	-	-	-
10	#26500.00	-	-	-	-	-	-	-
11	31800.00	-	-	-	-	-	-	-
12	#37100.00	-	-	-	-	-	-	-

Remarks:

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

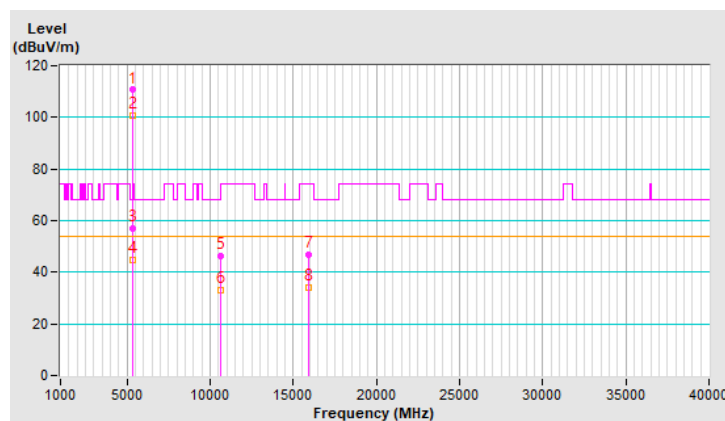


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	110.6 PK			1.04 H	56	107.7	2.9
2	*5320.00	100.7 AV			1.04 H	56	97.8	2.9
3	5350.00	56.9 PK	74.0	-17.1	1.04 H	56	53.9	3.0
4	5350.00	44.9 AV	54.0	-9.1	1.04 H	56	41.9	3.0
5	10640.00	46.5 PK	74.0	-27.5	1.30 H	179	33.2	13.3
6	10640.00	33.3 AV	54.0	-20.7	1.30 H	179	20.0	13.3
7	15960.00	46.9 PK	74.0	-27.1	1.27 H	194	33.5	13.4
8	15960.00	34.0 AV	54.0	-20.0	1.27 H	194	20.6	13.4
9	21280.00	-	-	-	-	-	-	-
10	#26600.00	-	-	-	-	-	-	-
11	#31920.00	-	-	-	-	-	-	-
12	#37240.00	-	-	-	-	-	-	-

Remarks:

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

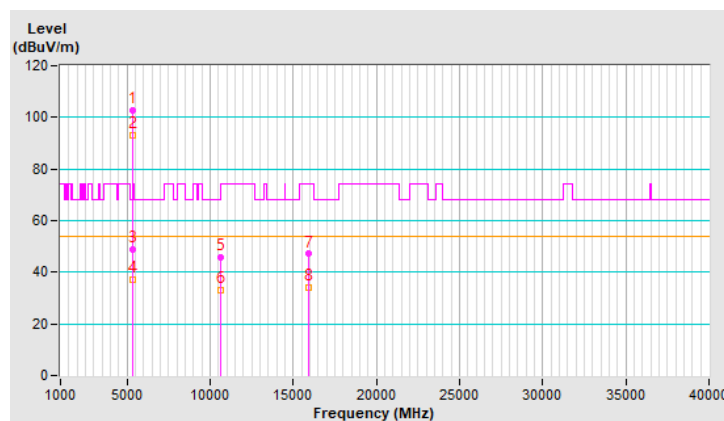


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 64：5320 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	102.9 PK			1.93 V	161	100.0	2.9
2	*5320.00	93.2 AV			1.93 V	161	90.3	2.9
3	5350.00	49.0 PK	74.0	-25.0	1.93 V	161	46.0	3.0
4	5350.00	37.3 AV	54.0	-16.7	1.93 V	161	34.3	3.0
5	10640.00	46.0 PK	74.0	-28.0	1.39 V	138	32.7	13.3
6	10640.00	33.1 AV	54.0	-20.9	1.39 V	138	19.8	13.3
7	15960.00	47.1 PK	74.0	-26.9	1.33 V	153	33.7	13.4
8	15960.00	34.1 AV	54.0	-19.9	1.33 V	153	20.7	13.4
9	21280.00	-	-	-	-	-	-	-
10	#26600.00	-	-	-	-	-	-	-
11	#31920.00	-	-	-	-	-	-	-
12	#37240.00	-	-	-	-	-	-	-

Remarks:

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

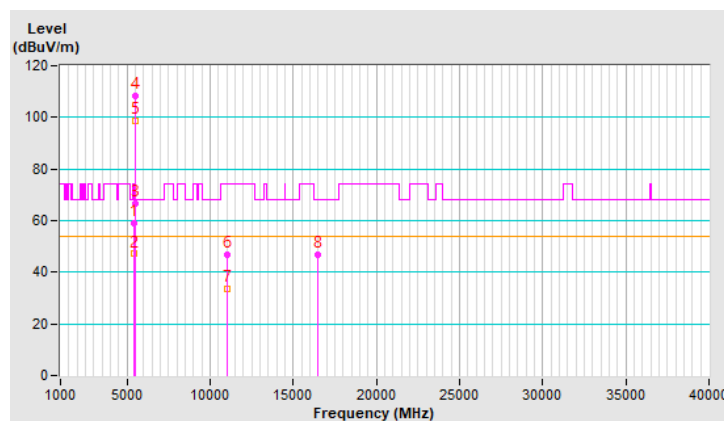


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.1 PK	74.0	-14.9	1.01 H	94	55.9	3.2
2	5460.00	47.1 AV	54.0	-6.9	1.01 H	94	43.9	3.2
3	#5470.00	66.7 PK	68.2	-1.5	1.01 H	94	63.5	3.2
4	*5500.00	108.2 PK			1.01 H	94	104.9	3.3
5	*5500.00	98.6 AV			1.01 H	94	95.3	3.3
6	11000.00	47.0 PK	74.0	-27.0	1.29 H	207	33.0	14.0
7	11000.00	33.7 AV	54.0	-20.3	1.29 H	207	19.7	14.0
8	#16500.00	46.7 PK	68.2	-21.5	1.21 H	190	31.2	15.5
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

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

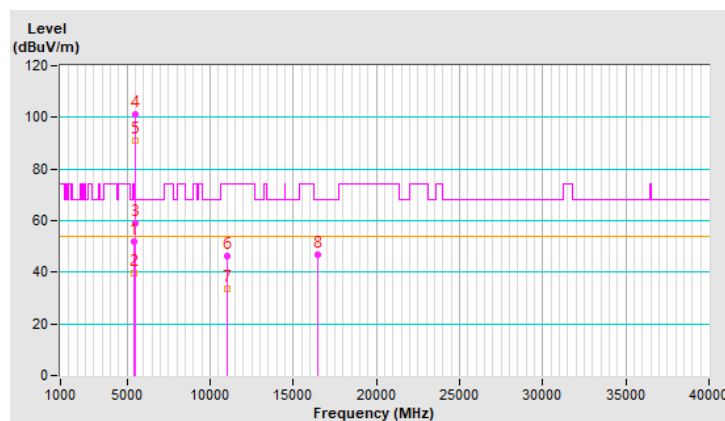


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 100：5500 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.9 PK	74.0	-22.1	1.35 V	216	48.7	3.2
2	5460.00	39.7 AV	54.0	-14.3	1.35 V	216	36.5	3.2
3	#5470.00	59.2 PK	68.2	-9.0	1.35 V	216	56.0	3.2
4	*5500.00	101.1 PK			1.35 V	216	97.8	3.3
5	*5500.00	91.2 AV			1.35 V	216	87.9	3.3
6	11000.00	46.2 PK	74.0	-27.8	1.30 V	136	32.2	14.0
7	11000.00	33.6 AV	54.0	-20.4	1.30 V	136	19.6	14.0
8	#16500.00	47.0 PK	68.2	-21.2	1.33 V	138	31.5	15.5
9	#22000.00	-	-	-	-	-	-	-
10	#27500.00	-	-	-	-	-	-	-
11	#33000.00	-	-	-	-	-	-	-
12	#38500.00	-	-	-	-	-	-	-

Remarks:

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

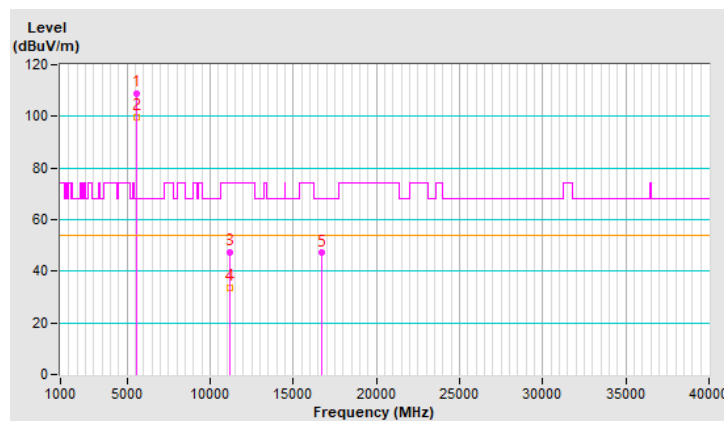


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	108.9 PK			1.12 H	98	105.6	3.3
2	*5580.00	99.9 AV			1.12 H	98	96.6	3.3
3	11160.00	47.3 PK	74.0	-26.7	1.32 H	178	33.9	13.4
4	11160.00	33.7 AV	54.0	-20.3	1.32 H	178	20.3	13.4
5	#16740.00	47.1 PK	68.2	-21.1	1.25 H	205	30.5	16.6
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

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

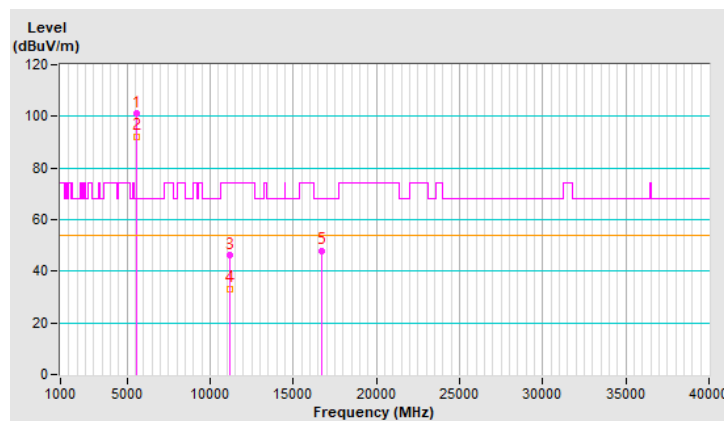


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 116：5580 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	101.0 PK			1.04 V	152	97.7	3.3
2	*5580.00	91.9 AV			1.04 V	152	88.6	3.3
3	11160.00	46.1 PK	74.0	-27.9	1.35 V	152	32.7	13.4
4	11160.00	33.2 AV	54.0	-20.8	1.35 V	152	19.8	13.4
5	#16740.00	47.7 PK	68.2	-20.5	1.37 V	141	31.1	16.6
6	22320.00	-	-	-	-	-	-	-
7	#27900.00	-	-	-	-	-	-	-
8	#33480.00	-	-	-	-	-	-	-
9	39060.00	-	-	-	-	-	-	-

Remarks:

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

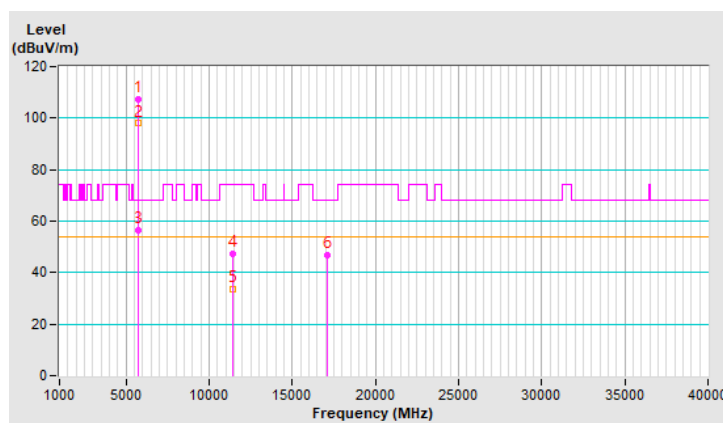


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	107.5 PK			1.22 H	100	103.7	3.8
2	*5700.00	97.9 AV			1.22 H	100	94.1	3.8
3	#5725.00	56.6 PK	68.2	-11.6	1.22 H	100	52.8	3.8
4	11400.00	47.2 PK	74.0	-26.8	1.28 H	192	33.0	14.2
5	11400.00	33.8 AV	54.0	-20.2	1.28 H	192	19.6	14.2
6	#17100.00	47.0 PK	68.2	-21.2	1.30 H	193	29.5	17.5
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

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

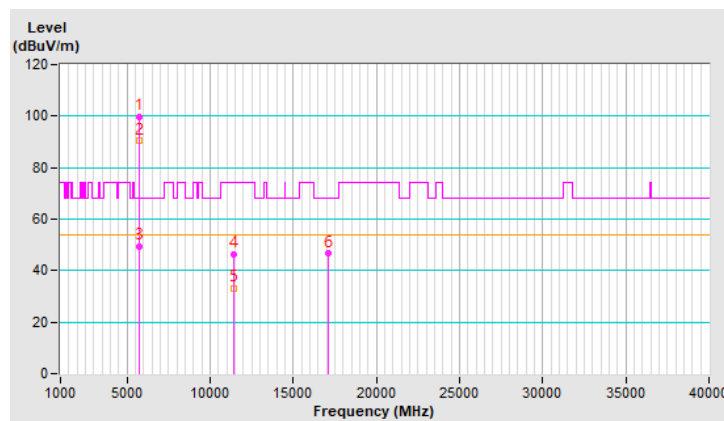


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 140：5700 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	99.5 PK			1.40 V	235	95.7	3.8
2	*5700.00	90.3 AV			1.40 V	235	86.5	3.8
3	#5725.00	49.2 PK	68.2	-19.0	1.40 V	235	45.4	3.8
4	11400.00	46.2 PK	74.0	-27.8	1.38 V	137	32.0	14.2
5	11400.00	33.2 AV	54.0	-20.8	1.38 V	137	19.0	14.2
6	#17100.00	46.6 PK	68.2	-21.6	1.31 V	165	29.1	17.5
7	22800.00	-	-	-	-	-	-	-
8	#28500.00	-	-	-	-	-	-	-
9	#34200.00	-	-	-	-	-	-	-
10	39900.00	-	-	-	-	-	-	-

Remarks:

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

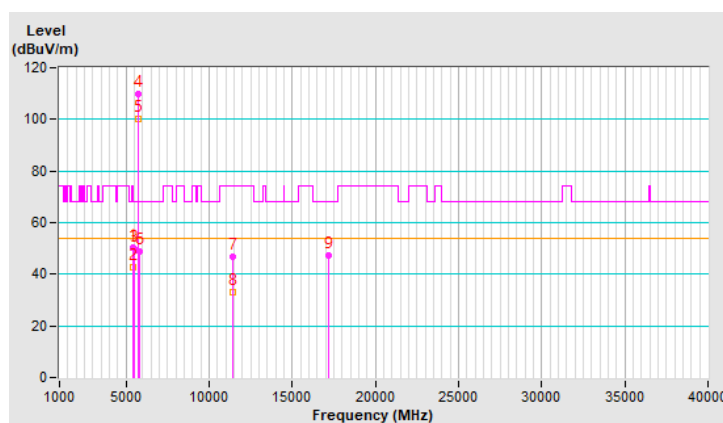


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144：5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.5 PK	74.0	-23.5	1.06 H	100	47.3	3.2
2	5460.00	42.9 AV	54.0	-11.1	1.06 H	100	39.7	3.2
3	#5470.00	49.8 PK	68.2	-18.4	1.06 H	100	46.6	3.2
4	*5720.00	109.9 PK			1.06 H	100	106.1	3.8
5	*5720.00	100.1 AV			1.06 H	100	96.3	3.8
6	#5850.00	48.9 PK	68.2	-19.3	1.06 H	100	44.7	4.2
7	11440.00	46.8 PK	74.0	-27.2	1.27 H	181	32.7	14.1
8	11440.00	33.1 AV	54.0	-20.9	1.27 H	181	19.0	14.1
9	#17160.00	47.2 PK	68.2	-21.0	1.26 H	191	30.2	17.0
10	22880.00	-	-	-	-	-	-	-
11	#28600.00	-	-	-	-	-	-	-
12	#34320.00	-	-	-	-	-	-	-

Remarks:

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

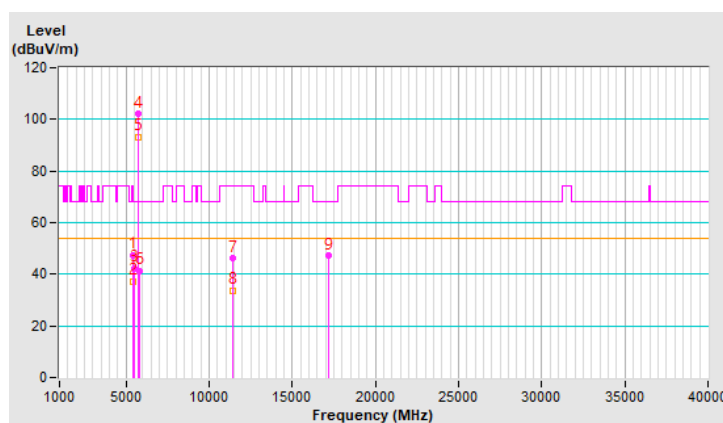


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 144：5720 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	47.4 PK	74.0	-26.6	2.10 V	136	44.2	3.2
2	5460.00	37.1 AV	54.0	-16.9	2.10 V	136	33.9	3.2
3	#5470.00	42.2 PK	68.2	-26.0	2.10 V	136	39.0	3.2
4	*5720.00	102.0 PK			2.10 V	136	98.2	3.8
5	*5720.00	92.9 AV			2.10 V	136	89.1	3.8
6	#5850.00	41.3 PK	68.2	-26.9	2.10 V	136	37.1	4.2
7	11440.00	46.1 PK	74.0	-27.9	1.30 V	143	32.0	14.1
8	11440.00	33.6 AV	54.0	-20.4	1.30 V	143	19.5	14.1
9	#17160.00	47.1 PK	68.2	-21.1	1.30 V	163	30.1	17.0
10	22880.00	-	-	-	-	-	-	-
11	#28600.00	-	-	-	-	-	-	-
12	#34320.00	-	-	-	-	-	-	-

Remarks:

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

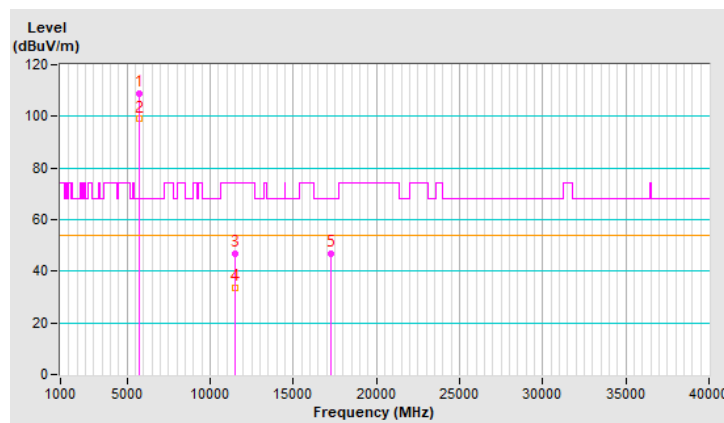


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	108.9 PK			1.09 H	102	105.1	3.8
2	*5745.00	98.9 AV			1.09 H	102	95.1	3.8
3	11490.00	47.0 PK	74.0	-27.0	1.33 H	198	33.0	14.0
4	11490.00	33.7 AV	54.0	-20.3	1.33 H	198	19.7	14.0
5	#17235.00	46.8 PK	68.2	-21.4	1.24 H	184	30.3	16.5
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

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

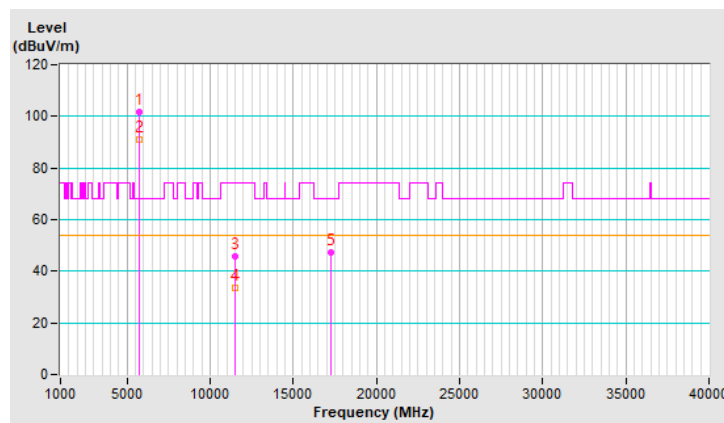


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	101.8 PK			2.54 V	174	98.0	3.8
2	*5745.00	91.2 AV			2.54 V	174	87.4	3.8
3	11490.00	46.0 PK	74.0	-28.0	1.30 V	157	32.0	14.0
4	11490.00	33.6 AV	54.0	-20.4	1.30 V	157	19.6	14.0
5	#17235.00	47.2 PK	68.2	-21.0	1.40 V	134	30.7	16.5
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

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

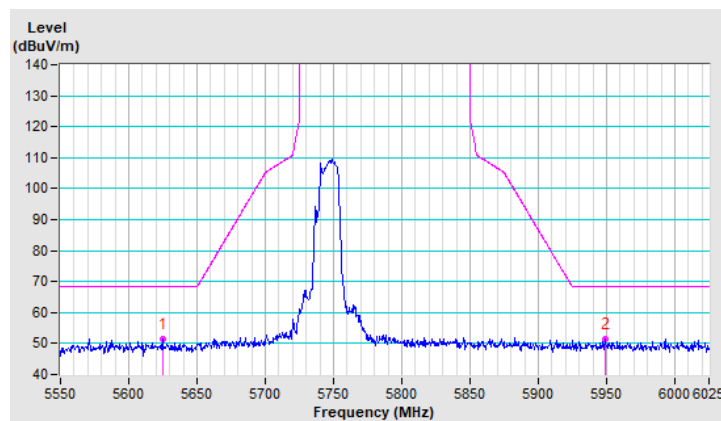


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5624.54	51.6 PK	68.2	-16.6	1.09 H	102	48.2	3.4
2	*5745.00	-	-	-	-	-	-	-
3	#5948.78	51.6 PK	68.2	-16.6	1.09 H	102	47.6	4.0
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

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

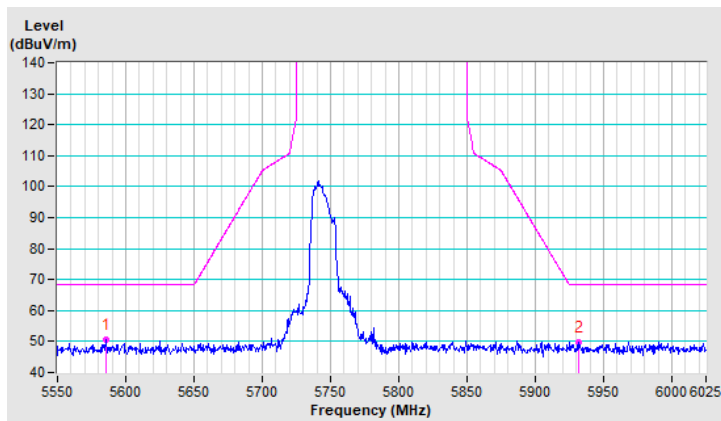


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 149：5745 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5585.29	50.8 PK	68.2	-17.4	2.54 V	174	47.5	3.3
2	*5745.00	-	-	-	-	-	-	-
3	#5932.11	49.9 PK	68.2	-18.3	2.54 V	174	45.9	4.0
4	11490.00	-	-	-	-	-	-	-
5	#17235.00	-	-	-	-	-	-	-
6	22980.00	-	-	-	-	-	-	-
7	#28725.00	-	-	-	-	-	-	-
8	#34470.00	-	-	-	-	-	-	-

Remarks:

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

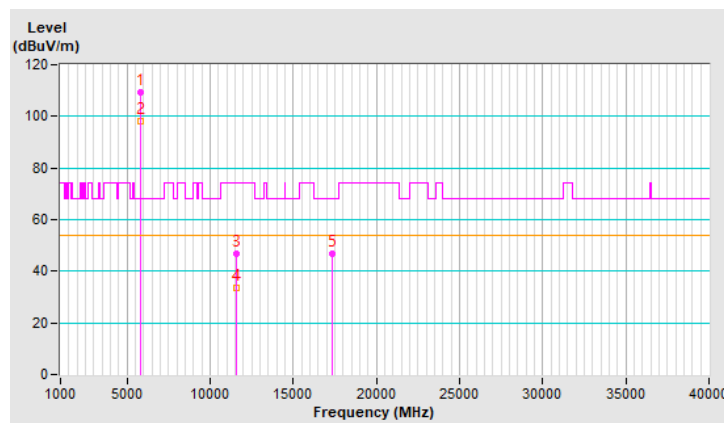


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	109.3 PK			1.17 H	98	105.4	3.9
2	*5785.00	98.3 AV			1.17 H	98	94.4	3.9
3	11570.00	47.0 PK	74.0	-27.0	1.24 H	209	33.4	13.6
4	11570.00	33.6 AV	54.0	-20.4	1.24 H	209	20.0	13.6
5	#17355.00	46.8 PK	68.2	-21.4	1.27 H	205	29.8	17.0
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

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

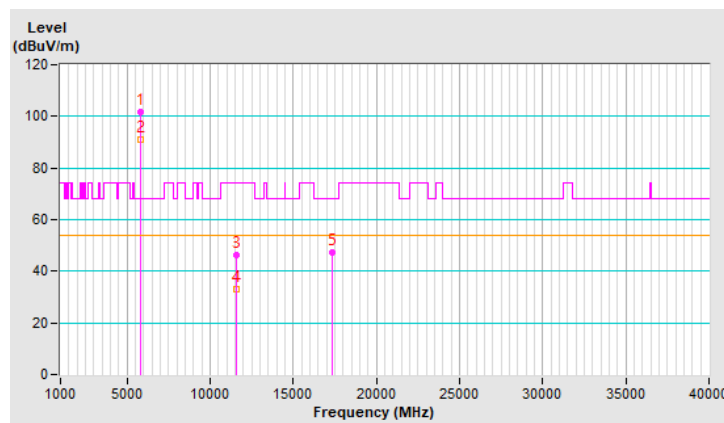


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157 : 5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	101.8 PK			1.75 V	263	97.9	3.9
2	*5785.00	91.1 AV			1.75 V	263	87.2	3.9
3	11570.00	46.2 PK	74.0	-27.8	1.33 V	156	32.6	13.6
4	11570.00	33.3 AV	54.0	-20.7	1.33 V	156	19.7	13.6
5	#17355.00	47.2 PK	68.2	-21.0	1.36 V	154	30.2	17.0
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

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

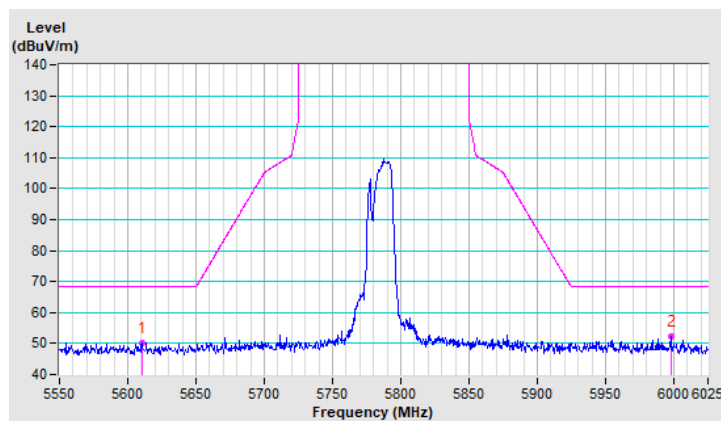


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157：5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5610.72	50.3 PK	68.2	-17.9	1.17 H	98	46.9	3.4
2	*5785.00	-	-	-	-	-	-	-
3	#5997.79	52.5 PK	68.2	-15.7	1.17 H	98	48.4	4.1
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

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

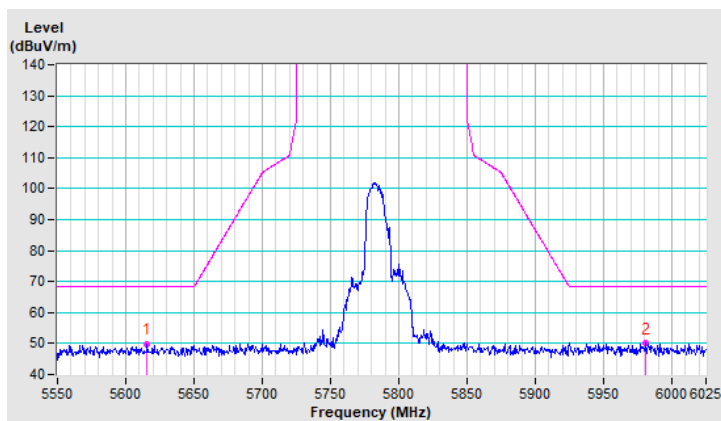


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 157：5785 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5615.55	49.7 PK	68.2	-18.5	1.75 V	263	46.3	3.4
2	*5785.00	-	-	-	-	-	-	-
3	#5981.18	50.0 PK	68.2	-18.2	1.75 V	263	45.9	4.1
4	11570.00	-	-	-	-	-	-	-
5	#17355.00	-	-	-	-	-	-	-
6	#23140.00	-	-	-	-	-	-	-
7	#28925.00	-	-	-	-	-	-	-
8	#34710.00	-	-	-	-	-	-	-

Remarks:

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

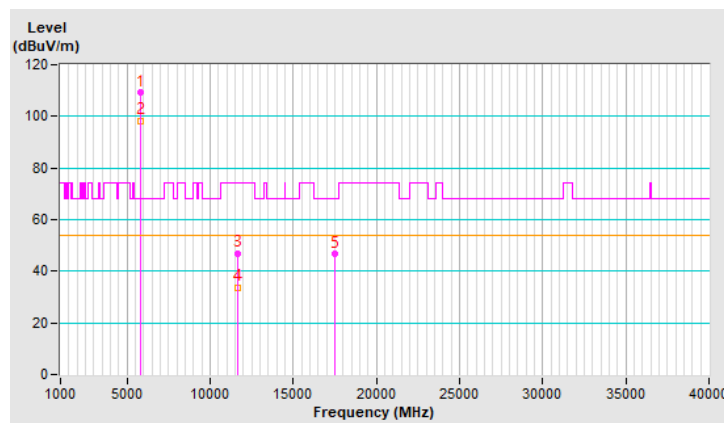


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	109.1 PK			1.11 H	94	105.0	4.1
2	*5825.00	98.3 AV			1.11 H	94	94.2	4.1
3	11650.00	46.9 PK	74.0	-27.1	1.32 H	179	33.4	13.5
4	11650.00	33.4 AV	54.0	-20.6	1.32 H	179	19.9	13.5
5	#17475.00	46.6 PK	68.2	-21.6	1.26 H	183	28.0	18.6
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

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

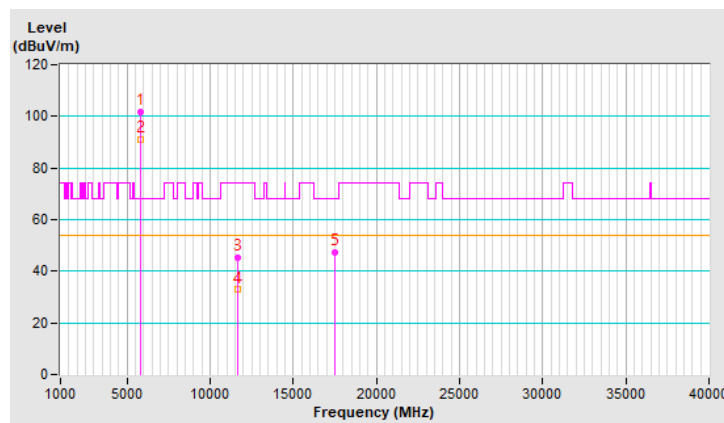


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=510Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	101.7 PK			2.01 V	168	97.6	4.1
2	*5825.00	91.1 AV			2.01 V	168	87.0	4.1
3	11650.00	45.4 PK	74.0	-28.6	1.38 V	159	31.9	13.5
4	11650.00	32.8 AV	54.0	-21.2	1.38 V	159	19.3	13.5
5	#17475.00	47.3 PK	68.2	-20.9	1.32 V	156	28.7	18.6
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

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

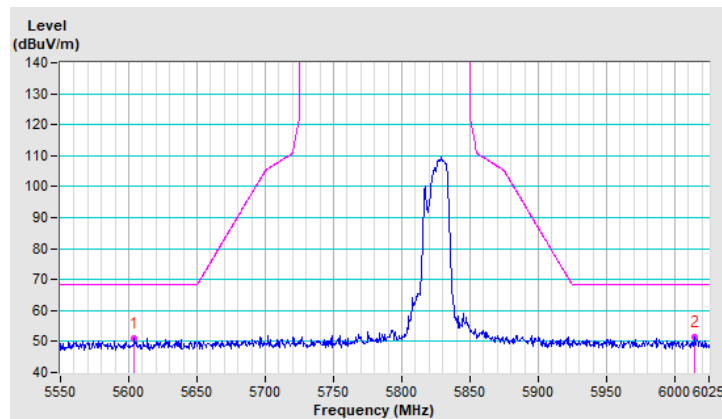


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5603.83	51.2 PK	68.2	-17.0	1.11 H	94	47.8	3.4
2	*5825.00	-	-	-	-	-	-	-
3	#6014.04	51.4 PK	68.2	-16.8	1.11 H	94	47.3	4.1
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

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



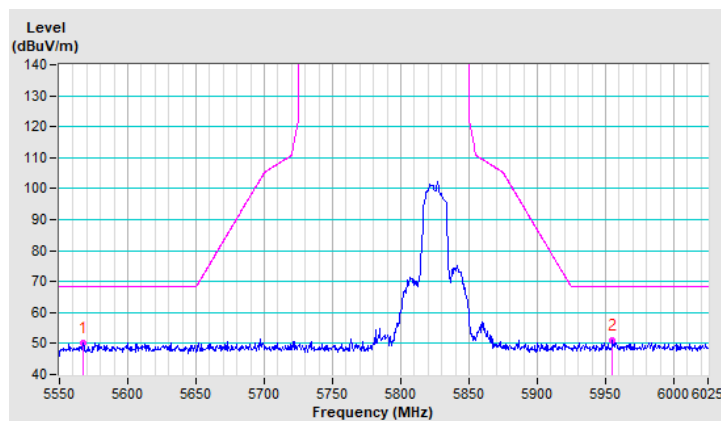
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 165：5825 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5567.42	50.2 PK	68.2	-18.0	2.01 V	168	46.9	3.3
2	*5825.00	-	-	-	-	-	-	-
3	#5955.10	51.1 PK	68.2	-17.1	2.01 V	168	47.0	4.1
4	11650.00	-	-	-	-	-	-	-
5	#17475.00	-	-	-	-	-	-	-
6	#23300.00	-	-	-	-	-	-	-
7	#29125.00	-	-	-	-	-	-	-
8	#34950.00	-	-	-	-	-	-	-

Remarks:

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



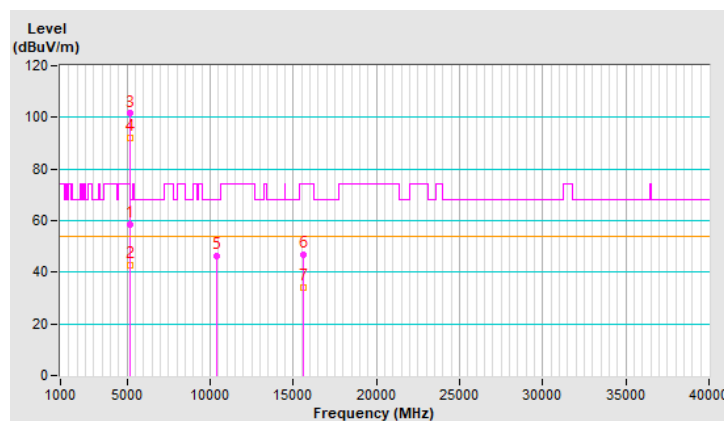
802.11ac (VHT40)

操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 38：5190 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.4 PK	74.0	-15.6	1.13 H	58	55.4	3.0
2	5150.00	42.7 AV	54.0	-11.3	1.13 H	58	39.7	3.0
3	*5190.00	101.5 PK			1.13 H	58	98.5	3.0
4	*5190.00	92.2 AV			1.13 H	58	89.2	3.0
5	#10380.00	46.4 PK	68.2	-21.8	1.33 H	183	33.2	13.2
6	15570.00	46.7 PK	74.0	-27.3	1.22 H	206	32.9	13.8
7	15570.00	34.1 AV	54.0	-19.9	1.22 H	206	20.3	13.8
8	20760.00	-	-	-	-	-	-	-
9	#25950.00	-	-	-	-	-	-	-
10	#31140.00	-	-	-	-	-	-	-
11	#36330.00	-	-	-	-	-	-	-

Remarks:

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

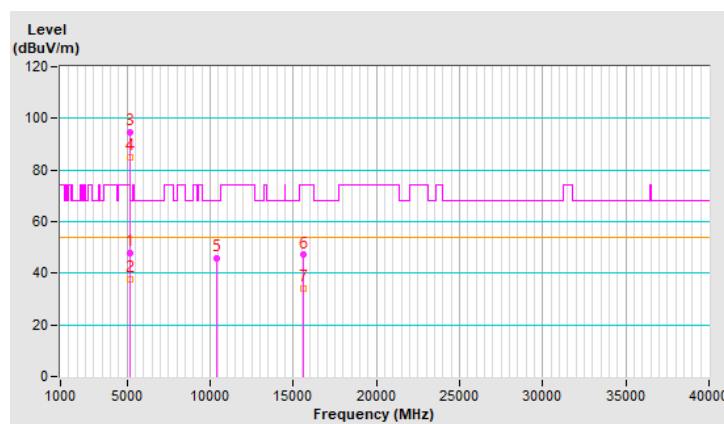


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 38：5190 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	47.8 PK	74.0	-26.2	2.11 V	196	44.8	3.0
2	5150.00	37.5 AV	54.0	-16.5	2.11 V	196	34.5	3.0
3	*5190.00	94.5 PK			2.11 V	196	91.5	3.0
4	*5190.00	84.8 AV			2.11 V	196	81.8	3.0
5	#10380.00	46.0 PK	68.2	-22.2	1.34 V	154	32.8	13.2
6	15570.00	47.1 PK	74.0	-26.9	1.37 V	151	33.3	13.8
7	15570.00	34.0 AV	54.0	-20.0	1.37 V	151	20.2	13.8
8	20760.00	-	-	-	-	-	-	-
9	#25950.00	-	-	-	-	-	-	-
10	#31140.00	-	-	-	-	-	-	-
11	#36330.00	-	-	-	-	-	-	-

Remarks:

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

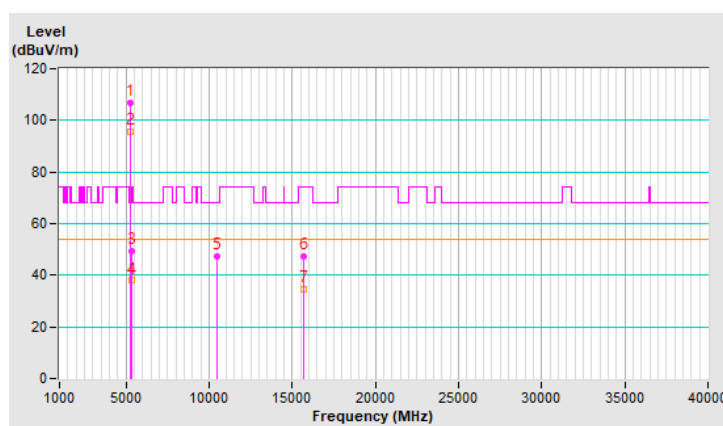


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 46：5230 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5230.00	106.9 PK			1.14 H	56	104.0	2.9
2	*5230.00	95.5 AV			1.14 H	56	92.6	2.9
3	5350.00	49.5 PK	74.0	-24.5	1.14 H	56	46.5	3.0
4	5350.00	37.9 AV	54.0	-16.1	1.14 H	56	34.9	3.0
5	#10460.00	47.2 PK	68.2	-21.0	1.23 H	186	33.7	13.5
6	15690.00	47.4 PK	74.0	-26.6	1.21 H	180	33.9	13.5
7	15690.00	34.5 AV	54.0	-19.5	1.21 H	180	21.0	13.5
8	20920.00	-	-	-	-	-	-	-
9	#26150.00	-	-	-	-	-	-	-
10	31380.00	-	-	-	-	-	-	-
11	#36610.00	-	-	-	-	-	-	-

Remarks:

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

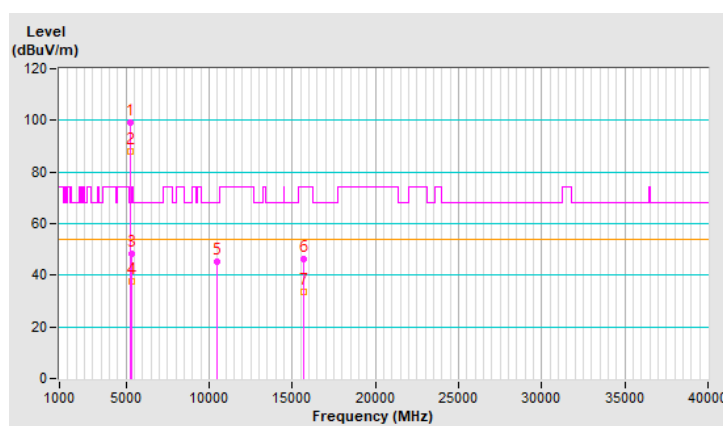


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 46：5230 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5230.00	99.2 PK			1.70 V	260	96.3	2.9
2	*5230.00	87.9 AV			1.70 V	260	85.0	2.9
3	5350.00	48.2 PK	74.0	-25.8	1.70 V	260	45.2	3.0
4	5350.00	37.5 AV	54.0	-16.5	1.70 V	260	34.5	3.0
5	#10460.00	45.4 PK	68.2	-22.8	1.33 V	147	31.9	13.5
6	15690.00	46.4 PK	74.0	-27.6	1.33 V	154	32.9	13.5
7	15690.00	33.4 AV	54.0	-20.6	1.33 V	154	19.9	13.5
8	20920.00	-	-	-	-	-	-	-
9	#26150.00	-	-	-	-	-	-	-
10	31380.00	-	-	-	-	-	-	-
11	#36610.00	-	-	-	-	-	-	-

Remarks:

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

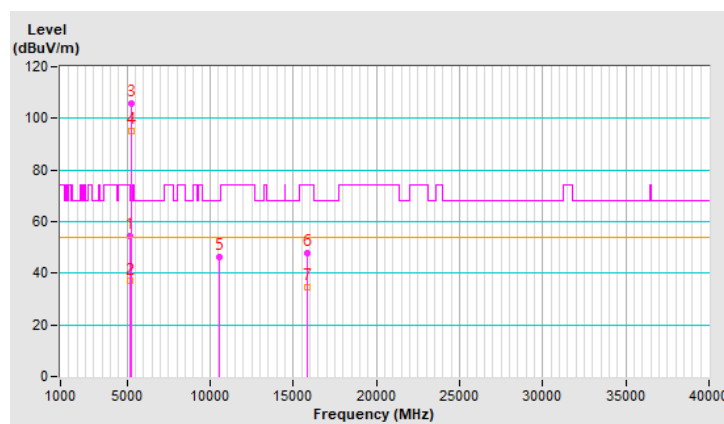


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 54：5270 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.5 PK	74.0	-19.5	1.24 H	57	51.5	3.0
2	5150.00	36.9 AV	54.0	-17.1	1.24 H	57	33.9	3.0
3	*5270.00	105.6 PK			1.24 H	57	102.8	2.8
4	*5270.00	95.1 AV			1.24 H	57	92.3	2.8
5	#10540.00	46.3 PK	68.2	-21.9	1.23 H	179	32.9	13.4
6	15810.00	47.7 PK	74.0	-26.3	1.21 H	180	34.8	12.9
7	15810.00	34.8 AV	54.0	-19.2	1.21 H	180	21.9	12.9
8	21080.00	-	-	-	-	-	-	-
9	#26350.00	-	-	-	-	-	-	-
10	31620.00	-	-	-	-	-	-	-
11	#36890.00	-	-	-	-	-	-	-

Remarks:

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

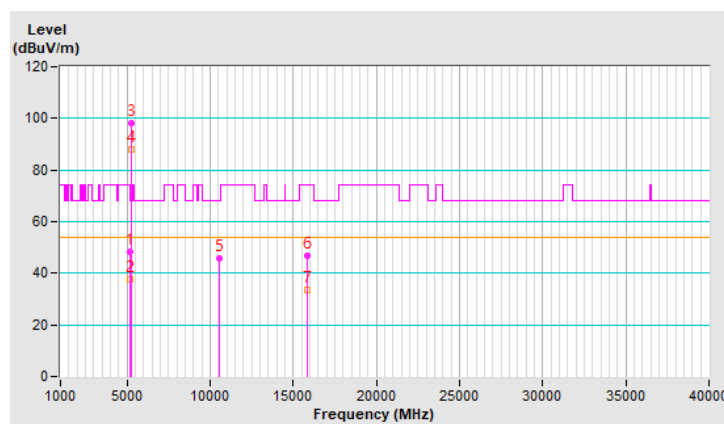


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 54：5270 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	48.5 PK	74.0	-25.5	1.07 V	196	45.5	3.0
2	5150.00	37.6 AV	54.0	-16.4	1.07 V	196	34.6	3.0
3	*5270.00	98.2 PK			1.07 V	196	95.4	2.8
4	*5270.00	87.8 AV			1.07 V	196	85.0	2.8
5	#10540.00	45.9 PK	68.2	-22.3	1.37 V	141	32.5	13.4
6	15810.00	47.0 PK	74.0	-27.0	1.38 V	136	34.1	12.9
7	15810.00	33.8 AV	54.0	-20.2	1.38 V	136	20.9	12.9
8	21080.00	-	-	-	-	-	-	-
9	#26350.00	-	-	-	-	-	-	-
10	31620.00	-	-	-	-	-	-	-
11	#36890.00	-	-	-	-	-	-	-

Remarks:

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

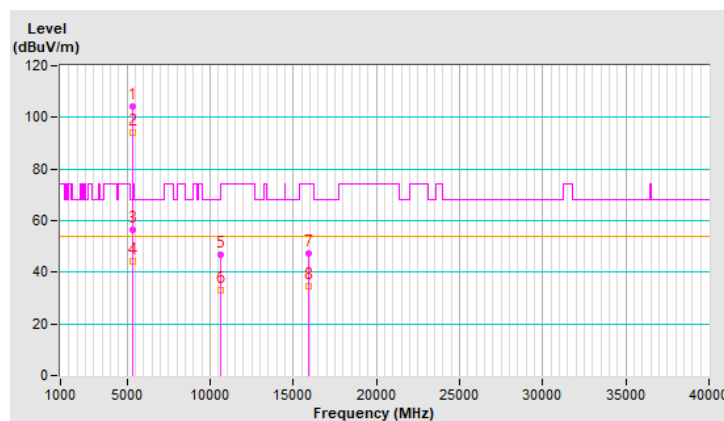


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 62：5310 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	104.2 PK			1.09 H	61	101.3	2.9
2	*5310.00	93.9 AV			1.09 H	61	91.0	2.9
3	5350.00	56.6 PK	74.0	-17.4	1.09 H	61	53.6	3.0
4	5350.00	44.1 AV	54.0	-9.9	1.09 H	61	41.1	3.0
5	10620.00	46.8 PK	74.0	-27.2	1.24 H	208	33.5	13.3
6	10620.00	33.3 AV	54.0	-20.7	1.24 H	208	20.0	13.3
7	15930.00	47.2 PK	74.0	-26.8	1.27 H	208	33.9	13.3
8	15930.00	34.6 AV	54.0	-19.4	1.27 H	208	21.3	13.3
9	21240.00	-	-	-	-	-	-	-
10	#26550.00	-	-	-	-	-	-	-
11	#31860.00	-	-	-	-	-	-	-
12	#37170.00	-	-	-	-	-	-	-

Remarks:

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

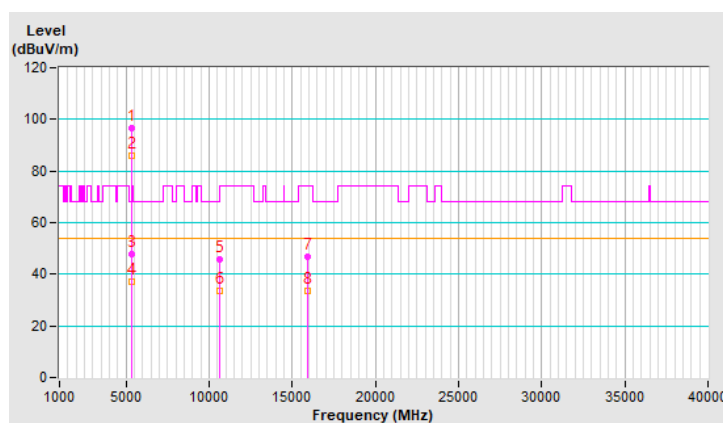


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 62：5310 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	96.5 PK			2.32 V	112	93.6	2.9
2	*5310.00	86.0 AV			2.32 V	112	83.1	2.9
3	5350.00	47.8 PK	74.0	-26.2	2.32 V	112	44.8	3.0
4	5350.00	37.0 AV	54.0	-17.0	2.32 V	112	34.0	3.0
5	10620.00	45.9 PK	74.0	-28.1	1.38 V	162	32.6	13.3
6	10620.00	33.4 AV	54.0	-20.6	1.38 V	162	20.1	13.3
7	15930.00	46.8 PK	74.0	-27.2	1.29 V	137	33.5	13.3
8	15930.00	33.5 AV	54.0	-20.5	1.29 V	137	20.2	13.3
9	21240.00	-	-	-	-	-	-	-
10	#26550.00	-	-	-	-	-	-	-
11	#31860.00	-	-	-	-	-	-	-
12	#37170.00	-	-	-	-	-	-	-

Remarks:

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

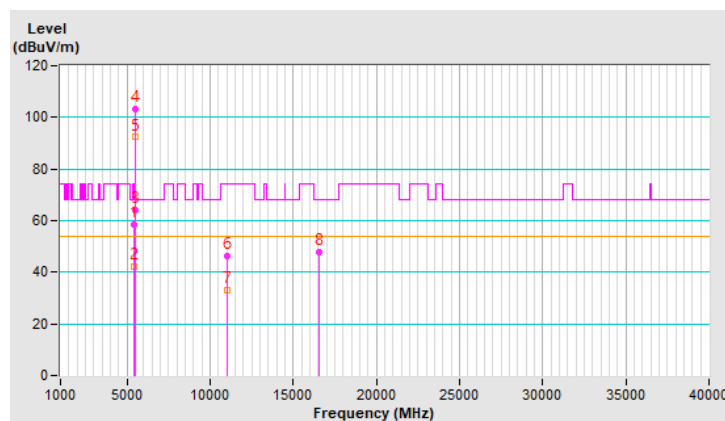


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 102：5510 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	1.02 H	96	55.2	3.2
2	5460.00	42.1 AV	54.0	-11.9	1.02 H	96	38.9	3.2
3	#5470.00	63.9 PK	68.2	-4.3	1.02 H	96	60.7	3.2
4	*5510.00	103.1 PK			1.02 H	96	99.9	3.2
5	*5510.00	92.3 AV			1.02 H	96	89.1	3.2
6	11020.00	46.4 PK	74.0	-27.6	1.26 H	201	32.6	13.8
7	11020.00	33.3 AV	54.0	-20.7	1.26 H	201	19.5	13.8
8	#16530.00	47.7 PK	68.2	-20.5	1.24 H	186	32.0	15.7
9	22040.00	-	-	-	-	-	-	-
10	#27550.00	-	-	-	-	-	-	-
11	#33060.00	-	-	-	-	-	-	-
12	#38570.00	-	-	-	-	-	-	-

Remarks:

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



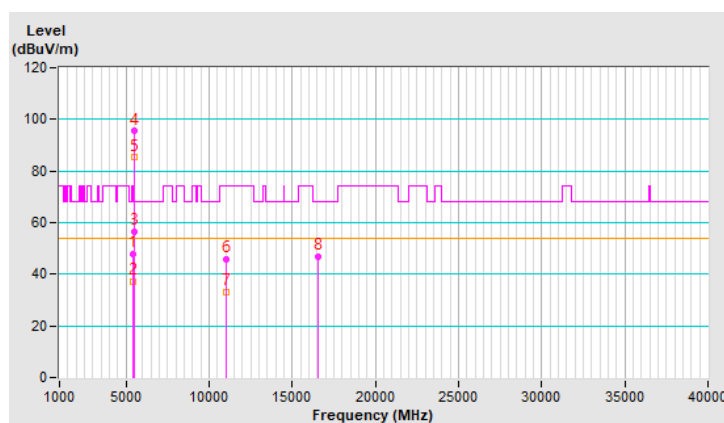
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 102：5510 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	48.0 PK	74.0	-26.0	2.68 V	177	44.8	3.2
2	5460.00	37.1 AV	54.0	-16.9	2.68 V	177	33.9	3.2
3	#5470.00	56.5 PK	68.2	-11.7	2.68 V	177	53.3	3.2
4	*5510.00	95.4 PK			2.68 V	177	92.2	3.2
5	*5510.00	85.2 AV			2.68 V	177	82.0	3.2
6	11020.00	45.9 PK	74.0	-28.1	1.41 V	138	32.1	13.8
7	11020.00	33.3 AV	54.0	-20.7	1.41 V	138	19.5	13.8
8	#16530.00	47.0 PK	68.2	-21.2	1.32 V	155	31.3	15.7
9	22040.00	-	-	-	-	-	-	-
10	#27550.00	-	-	-	-	-	-	-
11	#33060.00	-	-	-	-	-	-	-
12	#38570.00	-	-	-	-	-	-	-

Remarks:

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

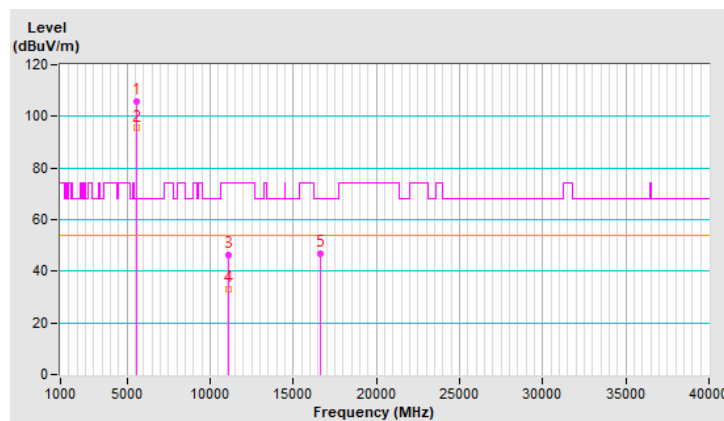


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 110：5550 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	105.6 PK			1.05 H	95	102.3	3.3
2	*5550.00	95.4 AV			1.05 H	95	92.1	3.3
3	11100.00	46.2 PK	74.0	-27.8	1.23 H	186	32.9	13.3
4	11100.00	33.0 AV	54.0	-21.0	1.23 H	186	19.7	13.3
5	#16650.00	46.8 PK	68.2	-21.4	1.32 H	185	30.2	16.6
6	22200.00	-	-	-	-	-	-	-
7	#27750.00	-	-	-	-	-	-	-
8	#33300.00	-	-	-	-	-	-	-
9	38850.00	-	-	-	-	-	-	-

Remarks:

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

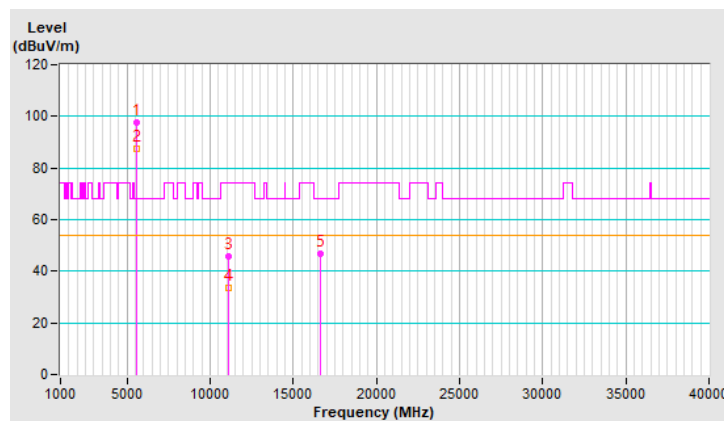


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 110：5550 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	97.6 PK			2.09 V	110	94.3	3.3
2	*5550.00	87.4 AV			2.09 V	110	84.1	3.3
3	11100.00	46.0 PK	74.0	-28.0	1.38 V	148	32.7	13.3
4	11100.00	33.6 AV	54.0	-20.4	1.38 V	148	20.3	13.3
5	#16650.00	46.9 PK	68.2	-21.3	1.33 V	143	30.3	16.6
6	22200.00	-	-	-	-	-	-	-
7	#27750.00	-	-	-	-	-	-	-
8	#33300.00	-	-	-	-	-	-	-
9	38850.00	-	-	-	-	-	-	-

Remarks:

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

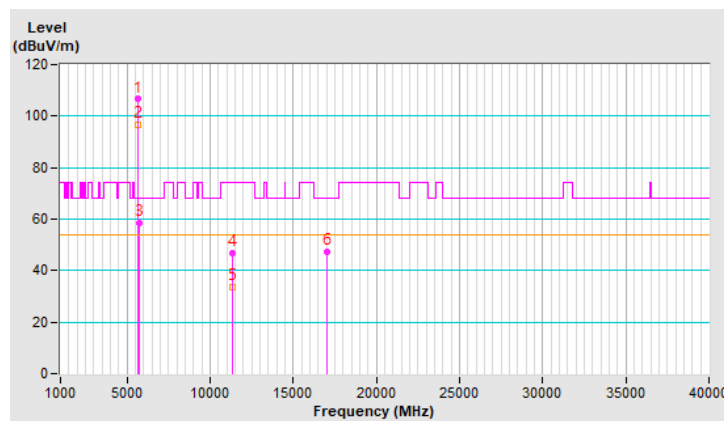


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 134：5670 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	106.6 PK			1.01 H	100	103.0	3.6
2	*5670.00	96.7 AV			1.01 H	100	93.1	3.6
3	#5725.00	58.7 PK	68.2	-9.5	1.01 H	100	54.9	3.8
4	11340.00	46.8 PK	74.0	-27.2	1.24 H	191	32.7	14.1
5	11340.00	33.5 AV	54.0	-20.5	1.24 H	191	19.4	14.1
6	#17010.00	47.5 PK	68.2	-20.7	1.21 H	186	29.7	17.8
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

Remarks:

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

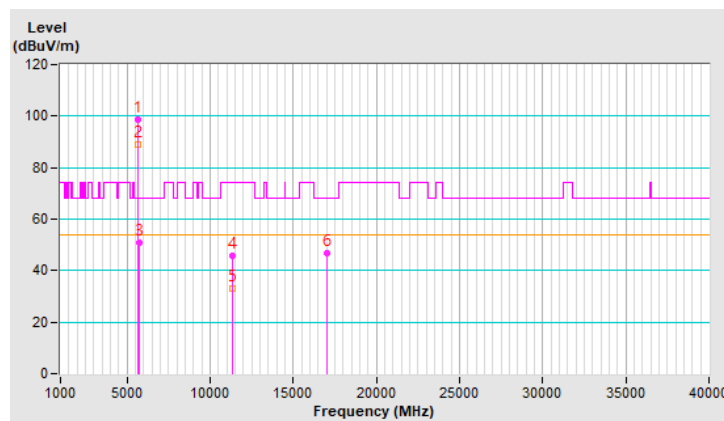


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 134：5670 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	98.7 PK			2.31 V	185	95.1	3.6
2	*5670.00	89.0 AV			2.31 V	185	85.4	3.6
3	#5725.00	50.8 PK	68.2	-17.4	2.31 V	185	47.0	3.8
4	11340.00	46.0 PK	74.0	-28.0	1.38 V	143	31.9	14.1
5	11340.00	33.3 AV	54.0	-20.7	1.38 V	143	19.2	14.1
6	#17010.00	47.0 PK	68.2	-21.2	1.33 V	147	29.2	17.8
7	22680.00	-	-	-	-	-	-	-
8	#28350.00	-	-	-	-	-	-	-
9	#34020.00	-	-	-	-	-	-	-
10	39690.00	-	-	-	-	-	-	-

Remarks:

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

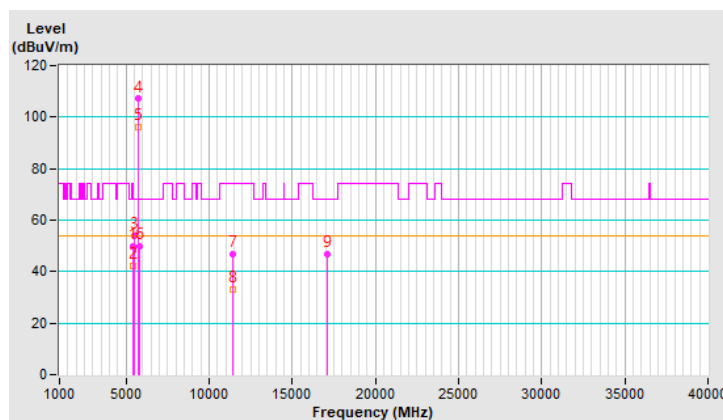


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 142：5710 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	49.8 PK	74.0	-24.2	1.03 H	100	46.6	3.2
2	5460.00	42.4 AV	54.0	-11.6	1.03 H	100	39.2	3.2
3	#5470.00	53.9 PK	68.2	-14.3	1.03 H	100	50.7	3.2
4	*5710.00	107.1 PK			1.03 H	100	103.3	3.8
5	*5710.00	96.1 AV			1.03 H	100	92.3	3.8
6	#5850.00	49.7 PK	68.2	-18.5	1.03 H	100	45.5	4.2
7	11420.00	46.7 PK	74.0	-27.3	1.25 H	183	32.6	14.1
8	11420.00	33.1 AV	54.0	-20.9	1.25 H	183	19.0	14.1
9	#17130.00	47.0 PK	68.2	-21.2	1.27 H	192	29.8	17.2
10	22840.00	-	-	-	-	-	-	-
11	#28550.00	-	-	-	-	-	-	-
12	#34260.00	-	-	-	-	-	-	-
13	39970.00	-	-	-	-	-	-	-

Remarks:

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

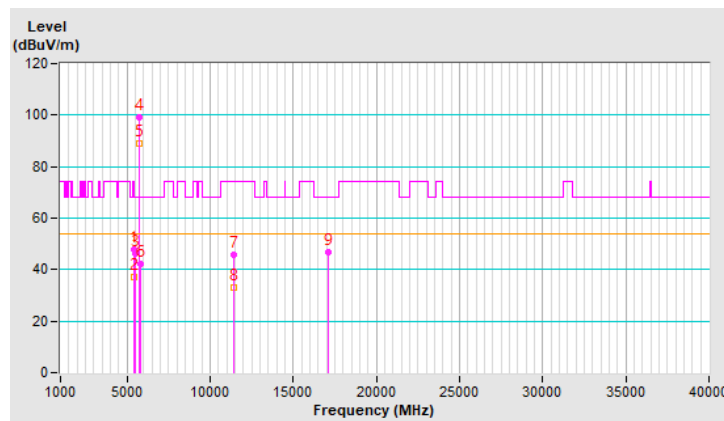


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 142：5710 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	47.7 PK	74.0	-26.3	1.42 V	180	44.5	3.2
2	5460.00	37.3 AV	54.0	-16.7	1.42 V	180	34.1	3.2
3	#5470.00	46.3 PK	68.2	-21.9	1.42 V	180	43.1	3.2
4	*5710.00	99.2 PK			1.42 V	180	95.4	3.8
5	*5710.00	89.0 AV			1.42 V	180	85.2	3.8
6	#5850.00	42.3 PK	68.2	-25.9	1.42 V	180	38.1	4.2
7	11420.00	45.8 PK	74.0	-28.2	1.41 V	158	31.7	14.1
8	11420.00	32.9 AV	54.0	-21.1	1.41 V	158	18.8	14.1
9	#17130.00	46.8 PK	68.2	-21.4	1.30 V	140	29.6	17.2
10	22840.00	-	-	-	-	-	-	-
11	#28550.00	-	-	-	-	-	-	-
12	#34260.00	-	-	-	-	-	-	-
13	39970.00	-	-	-	-	-	-	-

Remarks:

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

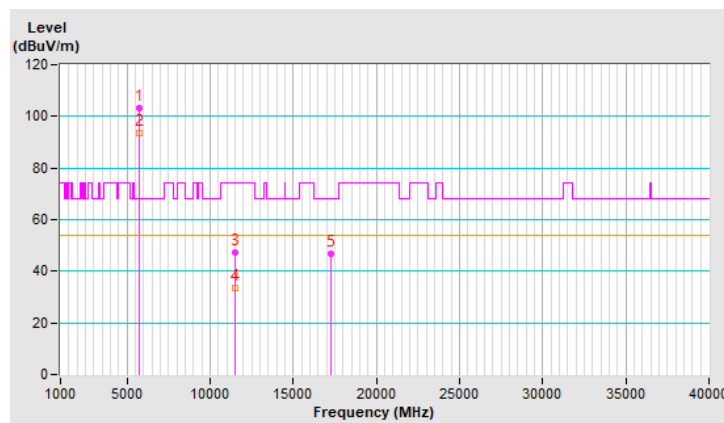


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	103.4 PK			1.00 H	95	99.6	3.8
2	*5755.00	93.5 AV			1.00 H	95	89.7	3.8
3	11510.00	47.2 PK	74.0	-26.8	1.28 H	198	33.4	13.8
4	11510.00	33.7 AV	54.0	-20.3	1.28 H	198	19.9	13.8
5	#17265.00	46.8 PK	68.2	-21.4	1.29 H	187	30.2	16.6
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

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

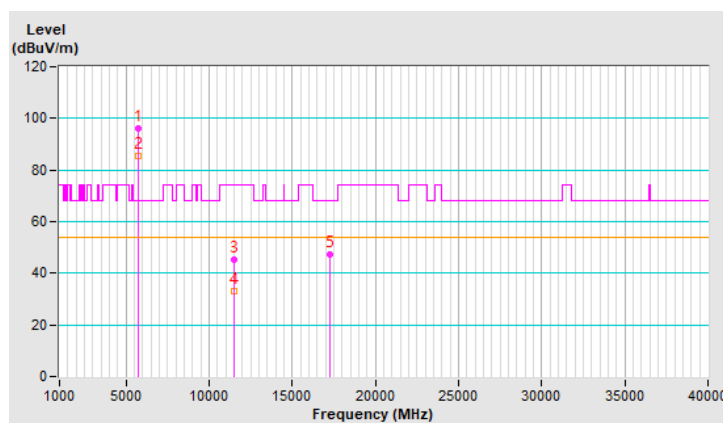


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	96.3 PK			1.63 V	152	92.5	3.8
2	*5755.00	85.6 AV			1.63 V	152	81.8	3.8
3	11510.00	45.4 PK	74.0	-28.6	1.29 V	154	31.6	13.8
4	11510.00	33.0 AV	54.0	-21.0	1.29 V	154	19.2	13.8
5	#17265.00	47.5 PK	68.2	-20.7	1.31 V	163	30.9	16.6
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

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

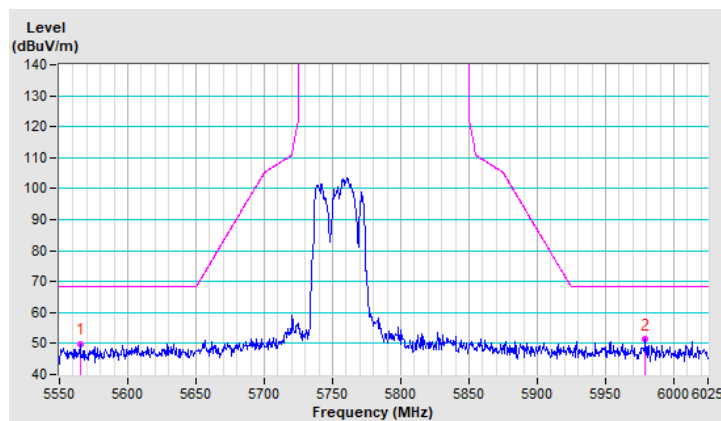


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5565.44	49.9 PK	68.2	-18.3	1.00 H	95	46.6	3.3
2	*5755.00	-	-	-	-	-	-	-
3	#5979.03	51.3 PK	68.2	-16.9	1.00 H	95	47.2	4.1
4	11510.00	-	-	-	-	-	-	-
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

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

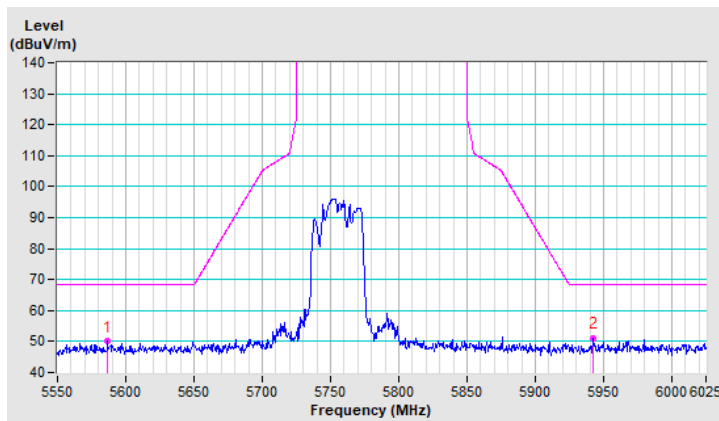


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 151：5755 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5586.39	50.0 PK	68.2	-18.2	1.63 V	152	46.7	3.3
2	*5755.00	-	-	-	-	-	-	-
3	#5941.88	51.0 PK	68.2	-17.2	1.63 V	152	47.0	4.0
4	11510.00	-	-	-	-	-	-	-
5	#17265.00	-	-	-	-	-	-	-
6	23020.00	-	-	-	-	-	-	-
7	#28775.00	-	-	-	-	-	-	-
8	#34530.00	-	-	-	-	-	-	-

Remarks:

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

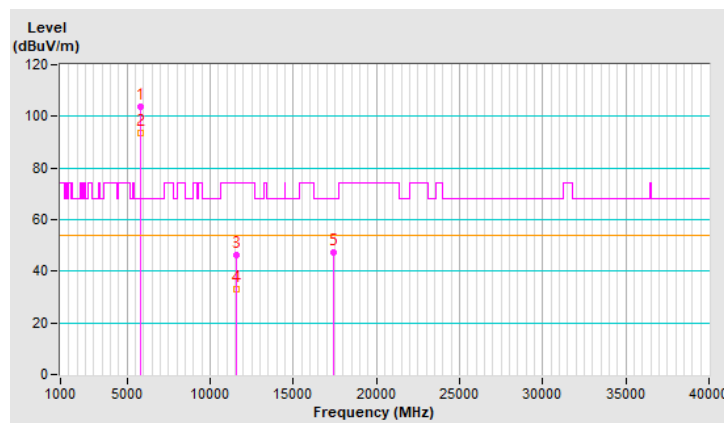


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159：5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	103.9 PK			1.20 H	99	100.0	3.9
2	*5795.00	93.4 AV			1.20 H	99	89.5	3.9
3	11590.00	46.5 PK	74.0	-27.5	1.26 H	209	32.9	13.6
4	11590.00	33.0 AV	54.0	-21.0	1.26 H	209	19.4	13.6
5	#17385.00	47.5 PK	68.2	-20.7	1.26 H	189	30.1	17.4
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

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

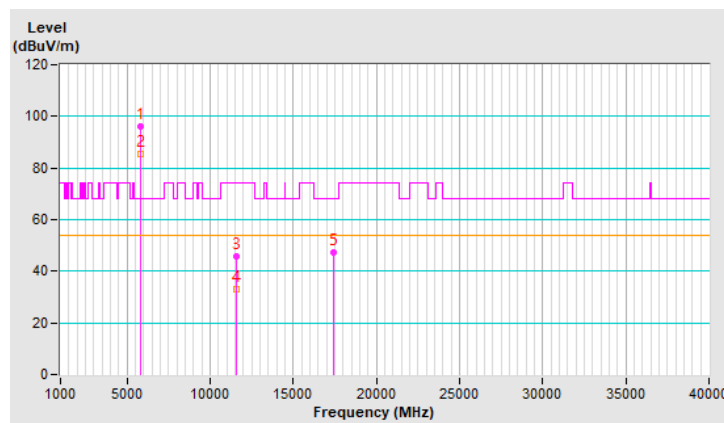


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159：5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=200Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	96.1 PK			2.24 V	238	92.2	3.9
2	*5795.00	85.6 AV			2.24 V	238	81.7	3.9
3	11590.00	45.9 PK	74.0	-28.1	1.35 V	135	32.3	13.6
4	11590.00	33.0 AV	54.0	-21.0	1.35 V	135	19.4	13.6
5	#17385.00	47.3 PK	68.2	-20.9	1.36 V	155	29.9	17.4
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

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

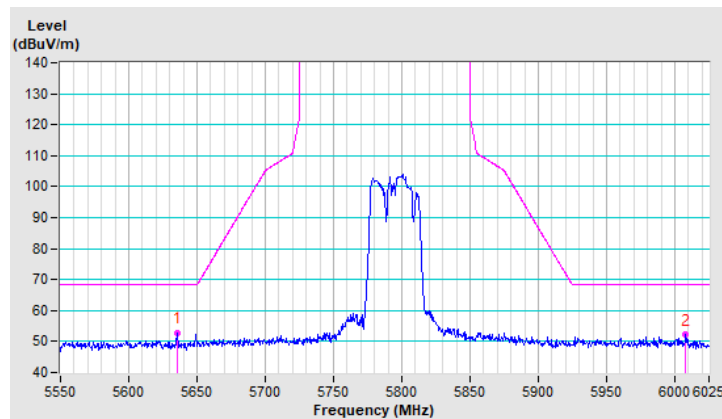


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159：5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5635.51	52.9 PK	68.2	-15.3	1.20 H	99	49.5	3.4
2	*5795.00	-	-	-	-	-	-	-
3	#6007.71	52.1 PK	68.2	-16.1	1.20 H	99	48.0	4.1
4	11590.00	-	-	-	-	-	-	-
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

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

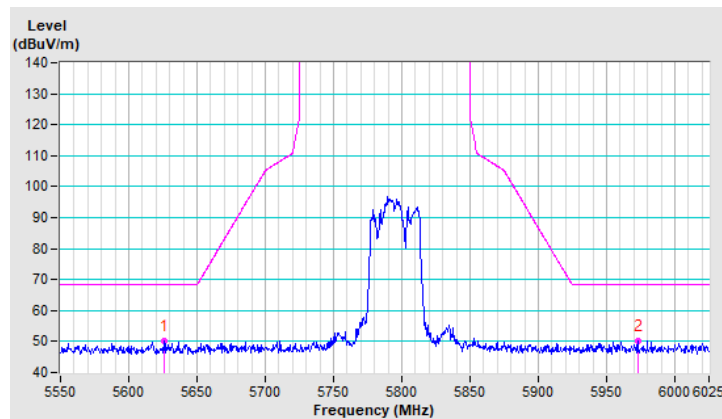


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 159：5795 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5625.90	50.1 PK	68.2	-18.1	2.24 V	238	46.7	3.4
2	*5795.00	-	-	-	-	-	-	-
3	#5972.87	50.3 PK	68.2	-17.9	2.24 V	238	46.2	4.1
4	11590.00	-	-	-	-	-	-	-
5	#17385.00	-	-	-	-	-	-	-
6	#23180.00	-	-	-	-	-	-	-
7	#28975.00	-	-	-	-	-	-	-
8	#34770.00	-	-	-	-	-	-	-

Remarks:

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



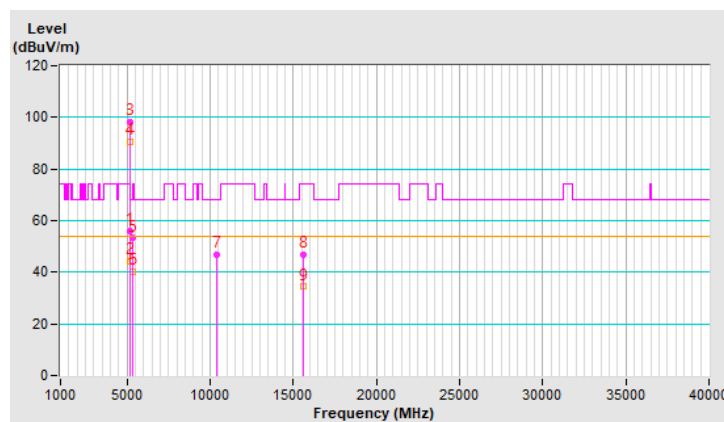
802.11ac (VHT80)

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=300Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.1 PK	74.0	-17.9	1.07 H	58	53.1	3.0
2	5150.00	44.3 AV	54.0	-9.7	1.07 H	58	41.3	3.0
3	*5210.00	98.2 PK			1.07 H	58	95.2	3.0
4	*5210.00	90.5 AV			1.07 H	58	87.5	3.0
5	5350.00	53.2 PK	74.0	-20.8	1.07 H	58	50.2	3.0
6	5350.00	40.4 AV	54.0	-13.6	1.07 H	58	37.4	3.0
7	#10420.00	46.9 PK	68.2	-21.3	1.21 H	189	33.6	13.3
8	15630.00	46.9 PK	74.0	-27.1	1.22 H	184	33.2	13.7
9	15630.00	34.4 AV	54.0	-19.6	1.22 H	184	20.7	13.7
10	20840.00	-	-	-	-	-	-	-
11	#26050.00	-	-	-	-	-	-	-
12	31260.00	-	-	-	-	-	-	-
13	36470.00	-	-	-	-	-	-	-

Remarks:

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

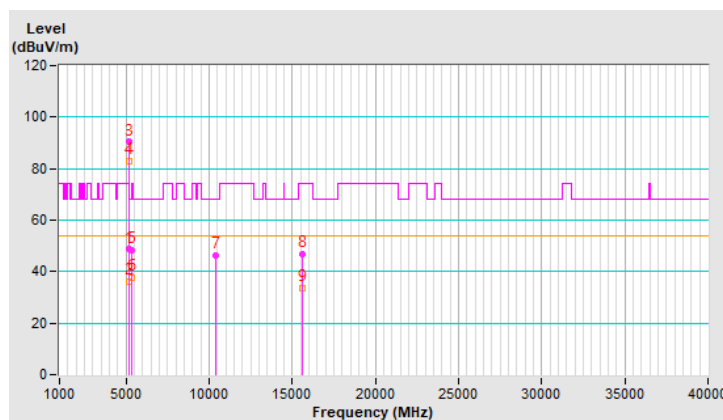


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 42：5210 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	48.6 PK	74.0	-25.4	1.42 V	224	45.6	3.0
2	5150.00	36.3 AV	54.0	-17.7	1.42 V	224	33.3	3.0
3	*5210.00	90.3 PK			1.42 V	224	87.3	3.0
4	*5210.00	82.9 AV			1.42 V	224	79.9	3.0
5	5350.00	48.2 PK	74.0	-25.8	1.42 V	224	45.2	3.0
6	5350.00	37.8 AV	54.0	-16.2	1.42 V	224	34.8	3.0
7	#10420.00	46.3 PK	68.2	-21.9	1.38 V	159	33.0	13.3
8	15630.00	46.9 PK	74.0	-27.1	1.33 V	150	33.2	13.7
9	15630.00	33.7 AV	54.0	-20.3	1.33 V	150	20.0	13.7
10	20840.00	-	-	-	-	-	-	-
11	#26050.00	-	-	-	-	-	-	-
12	31260.00	-	-	-	-	-	-	-
13	36470.00	-	-	-	-	-	-	-

Remarks:

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

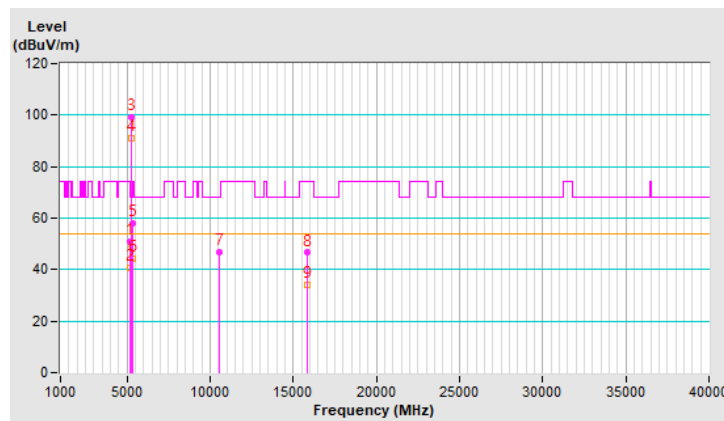


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 58：5290 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.8 PK	74.0	-23.2	1.12 H	57	47.8	3.0
2	5150.00	40.7 AV	54.0	-13.3	1.12 H	57	37.7	3.0
3	*5290.00	99.4 PK			1.12 H	57	96.5	2.9
4	*5290.00	91.1 AV			1.12 H	57	88.2	2.9
5	5350.00	58.2 PK	74.0	-15.8	1.12 H	57	55.2	3.0
6	5350.00	44.3 AV	54.0	-9.7	1.12 H	57	41.3	3.0
7	#10580.00	47.0 PK	68.2	-21.2	1.26 H	203	33.7	13.3
8	15870.00	46.6 PK	74.0	-27.4	1.22 H	197	33.5	13.1
9	15870.00	34.1 AV	54.0	-19.9	1.22 H	197	21.0	13.1
10	21160.00	-	-	-	-	-	-	-
11	#26450.00	-	-	-	-	-	-	-
12	31740.00	-	-	-	-	-	-	-
13	#37030.00	-	-	-	-	-	-	-

Remarks:

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

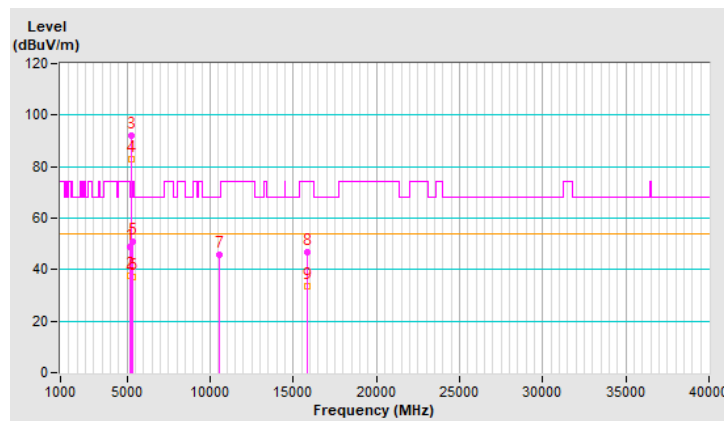


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 58：5290 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	48.7 PK	74.0	-25.3	1.62 V	141	45.7	3.0
2	5150.00	37.8 AV	54.0	-16.2	1.62 V	141	34.8	3.0
3	*5290.00	92.0 PK			1.62 V	141	89.1	2.9
4	*5290.00	83.1 AV			1.62 V	141	80.2	2.9
5	5350.00	50.7 PK	74.0	-23.3	1.62 V	141	47.7	3.0
6	5350.00	37.1 AV	54.0	-16.9	1.62 V	141	34.1	3.0
7	#10580.00	45.9 PK	68.2	-22.3	1.31 V	152	32.6	13.3
8	15870.00	47.0 PK	74.0	-27.0	1.30 V	137	33.9	13.1
9	15870.00	33.8 AV	54.0	-20.2	1.30 V	137	20.7	13.1
10	21160.00	-	-	-	-	-	-	-
11	#26450.00	-	-	-	-	-	-	-
12	31740.00	-	-	-	-	-	-	-
13	#37030.00	-	-	-	-	-	-	-

Remarks:

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

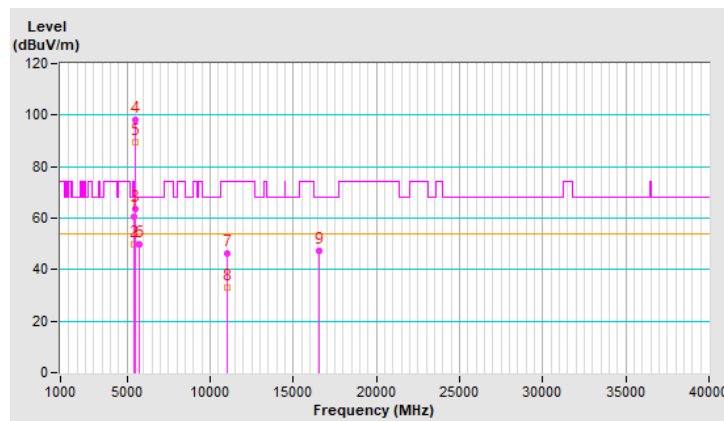


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 106：5530 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.7 PK	74.0	-13.3	1.11 H	94	57.5	3.2
2	5460.00	49.8 AV	54.0	-4.2	1.11 H	94	46.6	3.2
3	#5470.00	63.6 PK	68.2	-4.6	1.11 H	94	60.4	3.2
4	*5530.00	98.3 PK			1.11 H	94	95.0	3.3
5	*5530.00	89.6 AV			1.11 H	94	86.3	3.3
6	#5725.00	49.9 PK	68.2	-18.3	1.11 H	94	46.1	3.8
7	11060.00	46.5 PK	74.0	-27.5	1.21 H	201	32.9	13.6
8	11060.00	33.2 AV	54.0	-20.8	1.21 H	201	19.6	13.6
9	#16590.00	47.5 PK	68.2	-20.7	1.27 H	205	31.2	16.3
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

Remarks:

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

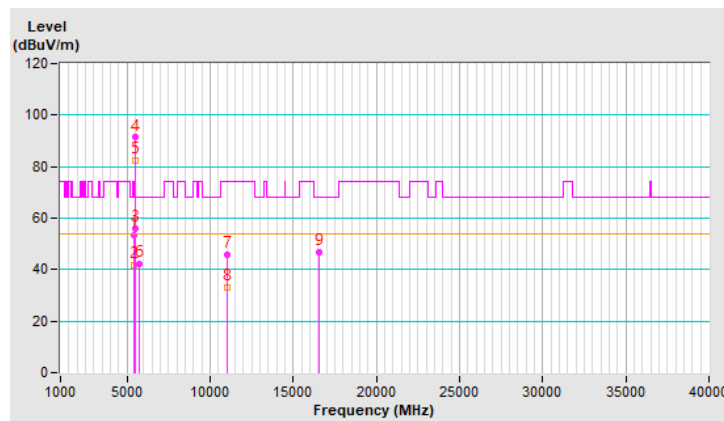


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 106：5530 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	53.3 PK	74.0	-20.7	2.12 V	160	50.1	3.2
2	5460.00	41.8 AV	54.0	-12.2	2.12 V	160	38.6	3.2
3	#5470.00	55.9 PK	68.2	-12.3	2.12 V	160	52.7	3.2
4	*5530.00	91.3 PK			2.12 V	160	88.0	3.3
5	*5530.00	82.4 AV			2.12 V	160	79.1	3.3
6	#5725.00	42.4 PK	68.2	-25.8	2.12 V	160	38.6	3.8
7	11060.00	45.6 PK	74.0	-28.4	1.31 V	145	32.0	13.6
8	11060.00	33.2 AV	54.0	-20.8	1.31 V	145	19.6	13.6
9	#16590.00	47.0 PK	68.2	-21.2	1.40 V	160	30.7	16.3
10	22120.00	-	-	-	-	-	-	-
11	#27650.00	-	-	-	-	-	-	-
12	#33180.00	-	-	-	-	-	-	-
13	38710.00	-	-	-	-	-	-	-

Remarks:

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

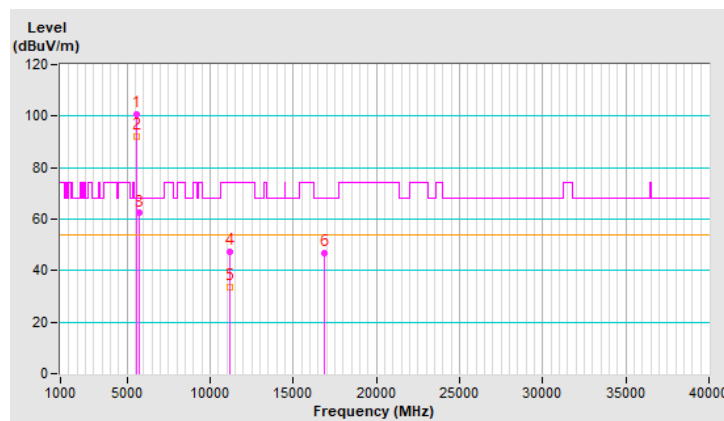


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 122：5610 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	100.9 PK			1.10 H	98	97.5	3.4
2	*5610.00	92.1 AV			1.10 H	98	88.7	3.4
3	#5725.00	62.3 PK	68.2	-5.9	1.10 H	98	58.5	3.8
4	11220.00	47.4 PK	74.0	-26.6	1.29 H	209	34.0	13.4
5	11220.00	33.8 AV	54.0	-20.2	1.29 H	209	20.4	13.4
6	#16830.00	47.0 PK	68.2	-21.2	1.23 H	201	30.3	16.7
7	22440.00	-	-	-	-	-	-	-
8	#28050.00	-	-	-	-	-	-	-
9	#33660.00	-	-	-	-	-	-	-
10	39270.00	-	-	-	-	-	-	-

Remarks:

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

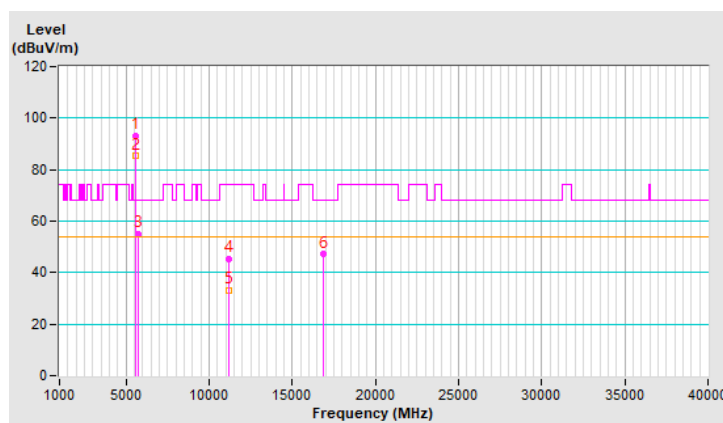


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 122：5610 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	93.3 PK			1.63 V	168	89.9	3.4
2	*5610.00	85.2 AV			1.63 V	168	81.8	3.4
3	#5725.00	55.1 PK	68.2	-13.1	1.63 V	168	51.3	3.8
4	11220.00	45.4 PK	74.0	-28.6	1.31 V	137	32.0	13.4
5	11220.00	32.9 AV	54.0	-21.1	1.31 V	137	19.5	13.4
6	#16830.00	47.1 PK	68.2	-21.1	1.35 V	156	30.4	16.7
7	22440.00	-	-	-	-	-	-	-
8	#28050.00	-	-	-	-	-	-	-
9	#33660.00	-	-	-	-	-	-	-
10	39270.00	-	-	-	-	-	-	-

Remarks:

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

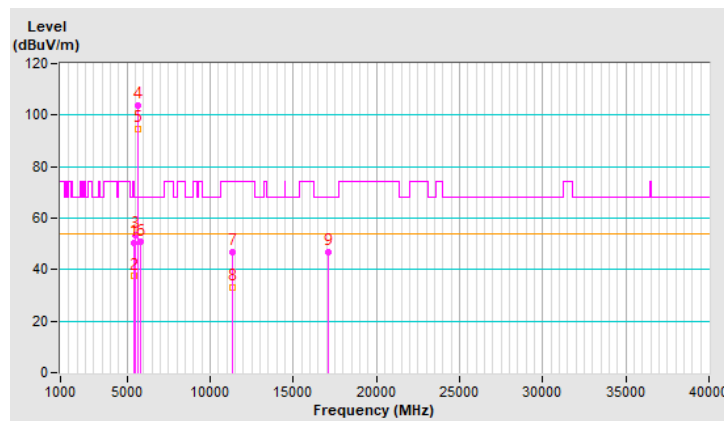


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 138：5690 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.3 PK	74.0	-23.7	1.01 H	100	47.1	3.2
2	5460.00	37.4 AV	54.0	-16.6	1.01 H	100	34.2	3.2
3	#5470.00	53.4 PK	68.2	-14.8	1.01 H	100	50.2	3.2
4	*5690.00	103.9 PK			1.01 H	100	100.1	3.8
5	*5690.00	94.5 AV			1.01 H	100	90.7	3.8
6	#5850.00	50.6 PK	68.2	-17.6	1.01 H	100	46.4	4.2
7	11380.00	46.8 PK	74.0	-27.2	1.21 H	187	32.7	14.1
8	11380.00	33.3 AV	54.0	-20.7	1.21 H	187	19.2	14.1
9	#17070.00	46.9 PK	68.2	-21.3	1.22 H	184	29.3	17.6
10	22760.00	-	-	-	-	-	-	-
11	#28450.00	-	-	-	-	-	-	-
12	#34140.00	-	-	-	-	-	-	-
13	39830.00	-	-	-	-	-	-	-

Remarks:

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

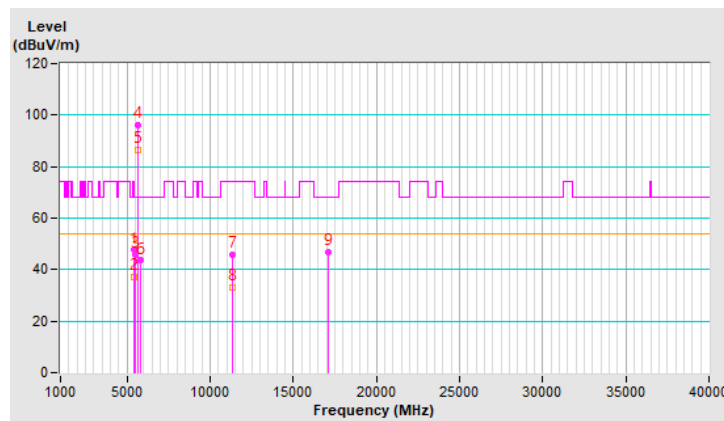


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 138：5690 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	47.6 PK	74.0	-26.4	1.31 V	118	44.4	3.2
2	5460.00	37.2 AV	54.0	-16.8	1.31 V	118	34.0	3.2
3	#5470.00	45.9 PK	68.2	-22.3	1.31 V	118	42.7	3.2
4	*5690.00	96.1 PK			1.31 V	118	92.3	3.8
5	*5690.00	86.5 AV			1.31 V	118	82.7	3.8
6	#5850.00	43.5 PK	68.2	-24.7	1.31 V	118	39.3	4.2
7	11380.00	46.0 PK	74.0	-28.0	1.35 V	134	31.9	14.1
8	11380.00	33.2 AV	54.0	-20.8	1.35 V	134	19.1	14.1
9	#17070.00	46.8 PK	68.2	-21.4	1.34 V	158	29.2	17.6
10	22760.00	-	-	-	-	-	-	-
11	#28450.00	-	-	-	-	-	-	-
12	#34140.00	-	-	-	-	-	-	-
13	39830.00	-	-	-	-	-	-	-

Remarks:

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

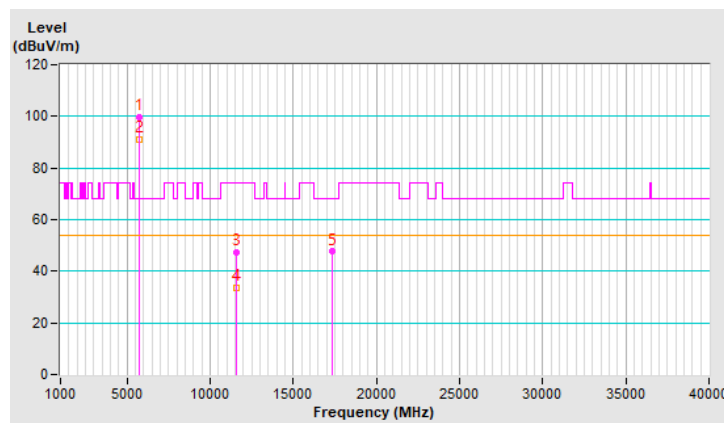


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155：5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5775.00	99.5 PK			1.03 H	100	95.6	3.9
2	*5775.00	90.9 AV			1.03 H	100	87.0	3.9
3	11550.00	47.4 PK	74.0	-26.6	1.31 H	196	33.7	13.7
4	11550.00	33.8 AV	54.0	-20.2	1.31 H	196	20.1	13.7
5	#17325.00	47.6 PK	68.2	-20.6	1.22 H	203	30.8	16.8
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

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

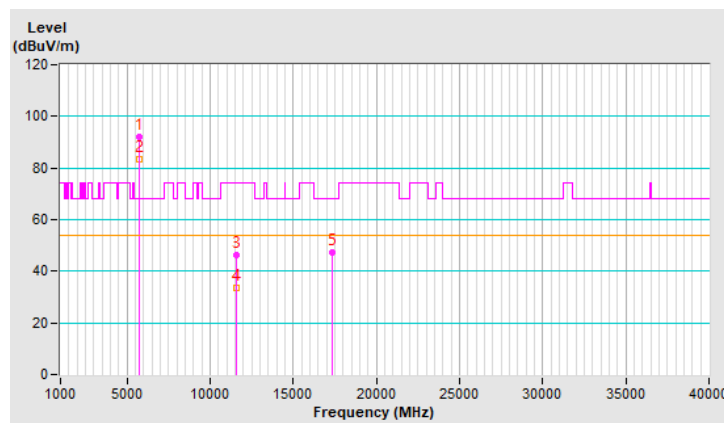


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155：5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=300Hz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5775.00	92.0 PK			1.50 V	176	88.1	3.9
2	*5775.00	83.5 AV			1.50 V	176	79.6	3.9
3	11550.00	46.2 PK	74.0	-27.8	1.41 V	164	32.5	13.7
4	11550.00	33.4 AV	54.0	-20.6	1.41 V	164	19.7	13.7
5	#17325.00	47.3 PK	68.2	-20.9	1.32 V	161	30.5	16.8
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

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

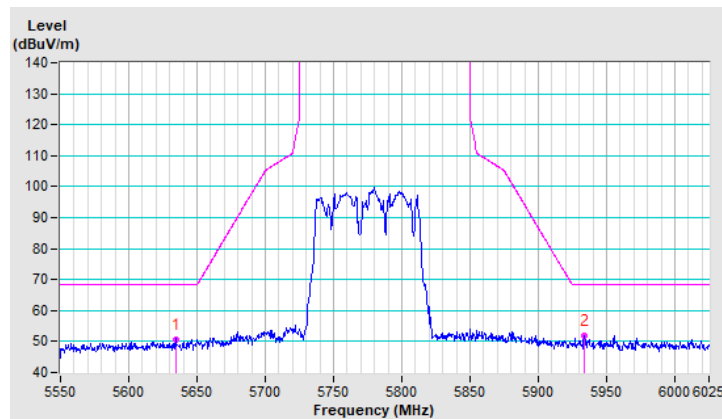


操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155：5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5634.50	50.8 PK	68.2	-17.4	1.03 H	100	47.4	3.4
2	*5775.00	-	-	-	-	-	-	-
3	#5933.61	52.0 PK	68.2	-16.2	1.03 H	100	48.0	4.0
4	11550.00	-	-	-	-	-	-	-
5	#17325.00	-	-	-	-	-	-	-
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

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



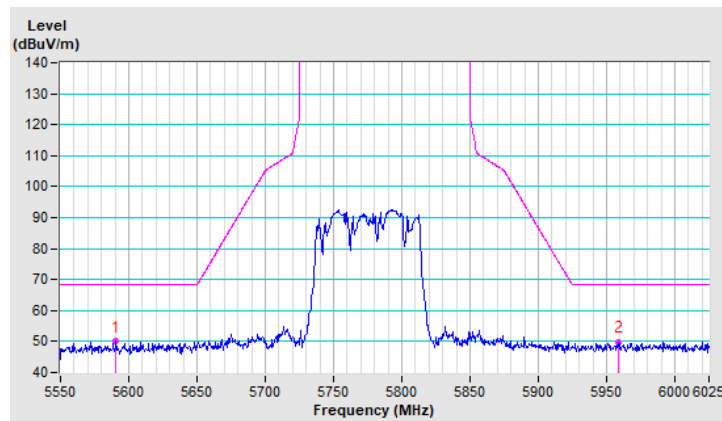
操作模式：	發射	調變技術：	OFDM
基本波頻率：	CH 155：5775 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 18 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5590.54	50.0 PK	68.2	-18.2	1.50 V	176	46.6	3.4
2	*5775.00	-	-	-	-	-	-	-
3	#5958.44	49.8 PK	68.2	-18.4	1.50 V	176	45.7	4.1
4	11550.00	-	-	-	-	-	-	-
5	#17325.00	-	-	-	-	-	-	-
6	23100.00	-	-	-	-	-	-	-
7	#28875.00	-	-	-	-	-	-	-
8	#34650.00	-	-	-	-	-	-	-

Remarks:

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



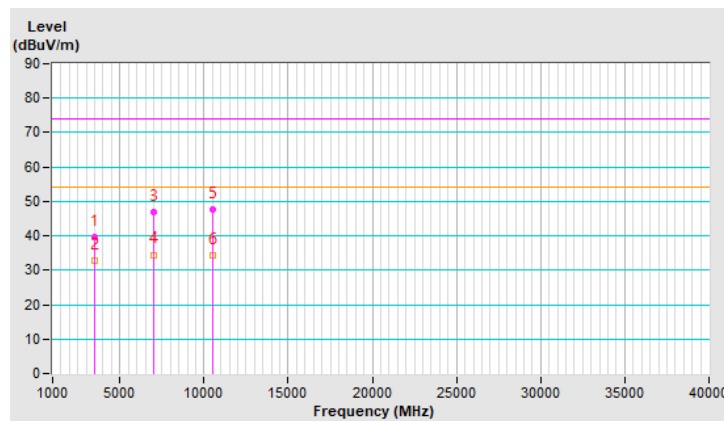
7.6.2 接收諧波

操作模式：	接收		
基本波頻率：	CH 48 : 5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22℃	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3493.33	39.6 PK	74.0	-34.4	2.11 H	96	40.3	-0.7
2	3493.33	32.8 AV	54.0	-21.2	2.11 H	96	33.5	-0.7
3	6986.67	47.0 PK	74.0	-27.0	1.28 H	170	39.2	7.8
4	6986.67	34.5 AV	54.0	-19.5	1.28 H	170	26.7	7.8
5	10480.00	47.7 PK	74.0	-26.3	1.19 H	220	34.2	13.5
6	10480.00	34.2 AV	54.0	-19.8	1.19 H	220	20.7	13.5

Remarks:

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

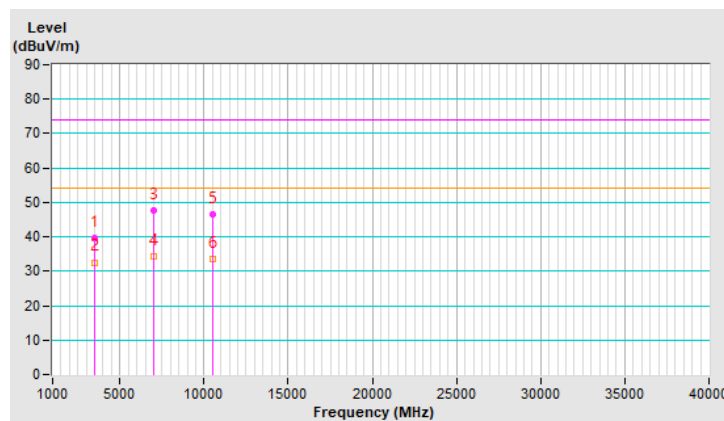


操作模式：	接收		
基本波頻率：	CH 48：5240 MHz	測試儀器：	(PK) RB=1MHz, VB=3MHz (AV) RB=1MHz, VB=3MHz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	柯其宗

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3493.33	39.5 PK	74.0	-34.5	1.57 V	87	40.2	-0.7
2	3493.33	32.6 AV	54.0	-21.4	1.57 V	87	33.3	-0.7
3	6986.67	47.7 PK	74.0	-26.3	1.38 V	133	39.9	7.8
4	6986.67	34.3 AV	54.0	-19.7	1.38 V	133	26.5	7.8
5	10480.00	46.4 PK	74.0	-27.6	1.26 V	144	32.9	13.5
6	10480.00	33.4 AV	54.0	-20.6	1.26 V	144	19.9	13.5

Remarks:

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



7.6.3 其它不必要之訊號

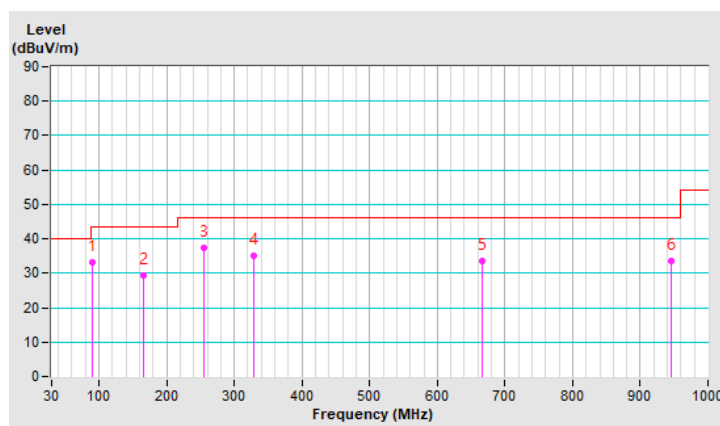
802.11a

操作模式：	發射接收	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	22°C	量測場地濕度：	72%RH
測試日期：	109 年 7 月 11 日	測試者：	杜維倫

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	89.28	33.0 QP	43.5	-10.5	2.00 H	124	46.7	-13.7
2	165.86	29.5 QP	43.5	-14.0	1.50 H	65	37.2	-7.7
3	254.99	37.4 QP	46.0	-8.6	1.50 H	114	45.8	-8.4
4	328.28	35.1 QP	46.0	-10.9	1.00 H	299	40.8	-5.7
5	666.48	33.5 QP	46.0	-12.5	1.00 H	167	31.0	2.5
6	945.72	33.4 QP	46.0	-12.6	1.50 H	310	25.6	7.8

Remarks:

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



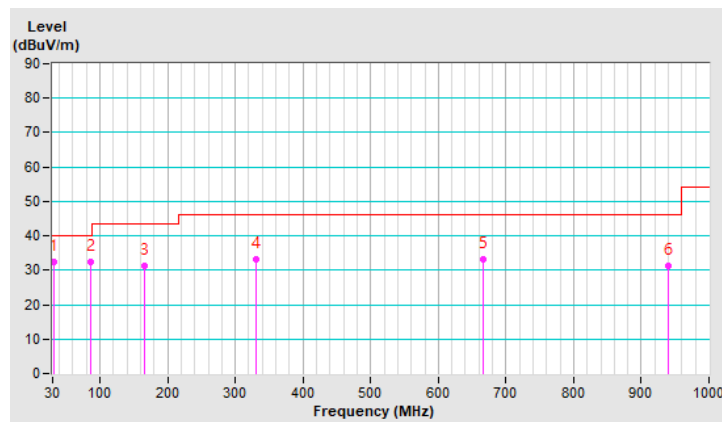
操作模式：	發射接收	調變技術：	OFDM
基本波頻率：	CH 48：5240 MHz	測試儀器：	(QP) RB=120kHz
量測場地溫度：	22°C	量測場地濕度：	70%RH
測試日期：	109 年 7 月 11 日	測試者：	杜維倫

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.27	32.4 QP	40.0	-7.6	1.50 V	259	41.8	-9.4
2	86.79	32.5 QP	40.0	-7.5	1.00 V	68	46.2	-13.7
3	165.75	31.3 QP	43.5	-12.2	1.00 V	247	39.0	-7.7
4	331.14	33.1 QP	46.0	-12.9	1.50 V	149	38.7	-5.6
5	666.29	33.2 QP	46.0	-12.8	2.00 V	215	30.7	2.5
6	940.30	31.3 QP	46.0	-14.7	1.00 V	82	23.7	7.6

Remarks:

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



7.7 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。

7.8 配置照片

產品的測試配置照片請參照 Test Setup Photos (BV 報告編號: 200622E03).

8 傳導輸出功率量測及發射頻寬之要求

8.1 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

8.2 量測方法

傳導輸出功率量測方法：

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

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。

8.3 量測儀器

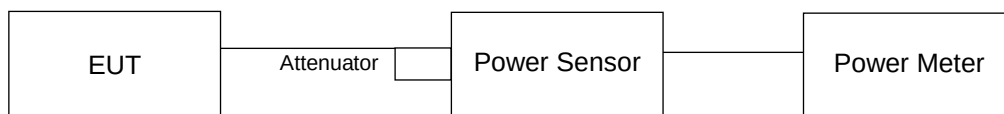
DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	May 29, 2020	May 28, 2021
Power meter Anritsu	ML2495A	1529002	July 26, 2019	July 25, 2020
Power sensor Anritsu	MA2411B	1339443	July 26, 2019	July 25, 2020
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021
AC Power Source Extech Electronics	6205	1440452	NA	NA
DC Power Supply Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 16, 2020	Jan. 15, 2021
True RMS Clamp Meter FLUKE	325	31130711WS	June 06, 2020	June 05, 2021
Voltage Meter FLUKE	179	89610322	Sep. 25, 2019	Sep. 24, 2020
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA

NOTE:

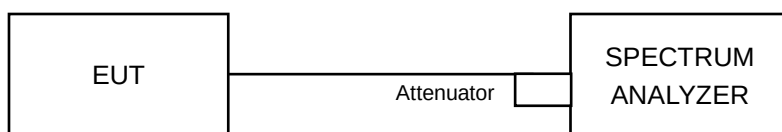
1. The test was performed in Oven room 2.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

8.4 測試配置

峰值傳導輸出功率測試配置：



發射頻寬之量測儀器：



8.5 量測結果

操作模式	發射	測試日期	109 年 07 月 08 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	陳高逸		

802.11a

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	14.37	14.22	53.777	17.31	26.88	Pass
40	5200	15.00	16.20	73.31	18.65	26.88	Pass
48	5240	16.24	15.08	74.283	18.71	26.88	Pass
52	5260	15.66	15.52	72.458	18.60	20.88	Pass
60	5300	15.60	15.73	73.719	18.68	20.88	Pass
64	5320	13.37	13.30	43.107	16.35	20.87	Pass
100	5500	14.07	13.61	48.488	16.86	20.69	Pass
116	5580	15.37	14.95	65.696	18.18	20.88	Pass
140	5700	13.87	13.03	44.469	16.48	20.69	Pass
*144 (UNII-2C Band)	5720	11.32	11.22	35.622	15.52	20.07	Pass
*144 (UNII-3 Band)	5720	3.79	4.31	6.768	8.30	26.88	Pass
149	5745	13.86	12.94	44.001	16.43	26.88	Pass
157	5785	15.30	14.67	63.193	18.01	26.88	Pass
165	5825	15.05	14.54	60.434	17.81	26.88	Pass

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

The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
				Chain 0	Chain 1		
144	5720	42.39	16.27	15.57	14.74	65.843	18.19

Note: 5150~5250MHz: Directional gain = 6.11dBi + 10log(2) = 9.12dBi > 6dBi, therefore the limit needs to reduce, so the power limit shall be reduced to 30-(9.12-6) = 26.88dBm.

5250~5350MHz: Directional gain = 6.11dBi + 10log(2) = 9.12dBi > 6dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(9.12-6)".

5470~5725MHz: Directional gain = 6.11dBi + 10log(2) = 9.12dBi > 6dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(9.12-6)".

5725~5850MHz: Directional gain = 6.11dBi + 10log(2) = 9.12dBi > 6dBi, therefore the limit needs to reduce, so the power limit shall be reduced to 30-(9.12-6) = 26.88dBm.

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	21.62	20.07
40	5200	37.36	35.06
48	5240	33.73	23.95
52	5260	37.10	28.92
60	5300	36.61	22.43
64	5320	21.65	19.95
100	5500	20.89	19.14
116	5580	26.03	20.16
140	5700	19.66	19.10
144 (UNII-2C Band)	5720	19.28	16.57

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	28.92	25.61 > 24
60	5300	22.43	24.5 > 24
64	5320	19.95	23.99 < 24
100	5500	19.14	23.81 < 24
116	5580	20.16	24.04 > 24
140	5700	19.10	23.81 < 24
144 (UNII-2C Band)	5720	16.57	23.19 < 24

802.11ac (VHT20)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	14.14	14.08	51.528	17.12	26.88	Pass
40	5200	14.58	14.67	58.017	17.64	26.88	Pass
48	5240	15.48	14.24	61.864	17.91	26.88	Pass
52	5260	15.08	14.55	60.721	17.83	20.88	Pass
60	5300	14.82	14.28	57.131	17.57	20.88	Pass
64	5320	14.30	13.79	50.849	17.06	20.88	Pass
100	5500	13.70	13.06	43.672	16.40	20.88	Pass
116	5580	14.42	14.22	54.094	17.33	20.88	Pass
140	5700	13.75	12.71	42.378	16.27	20.88	Pass
*144 (UNII-2C Band)	5720	10.94	10.08	25.524	14.07	19.67	Pass
*144 (UNII-3 Band)	5720	3.94	2.94	5.02	7.01	26.88	Pass
149	5745	14.05	13.08	45.733	16.60	26.88	Pass
157	5785	14.64	13.86	53.429	17.28	26.88	Pass
165	5825	14.84	13.79	54.412	17.36	26.88	Pass

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

The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
				Chain 0	Chain 1		
144	5720	30.544	14.85	14.82	14.65	59.513	17.75

Note: 5150~5250MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (9.12 - 6) = 26.88\text{dBm}$.

5250~5350MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(9.12-6)".

5470~5725MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(9.12-6)".

5725~5850MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (9.12 - 6) = 26.88\text{dBm}$.

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	20.78	20.67
40	5200	28.96	21.54
48	5240	36.99	22.48
52	5260	32.41	21.43
60	5300	32.34	21.27
64	5320	27.43	20.74
100	5500	20.91	20.21
116	5580	20.72	20.50
140	5700	20.51	20.25
144 (UNII-2C Band)	5720	15.78	15.12

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	21.43	24.31 > 24
60	5300	21.27	24.27 > 24
64	5320	20.74	24.16 > 24
100	5500	20.21	24.05 > 24
116	5580	20.50	24.11 > 24
140	5700	20.25	24.06 > 24
144 (UNII-2C Band)	5720	15.12	22.79 < 24

802.11ac (VHT40)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	10.50	10.17	21.619	13.35	26.88	Pass
46	5230	14.38	13.31	48.845	16.89	26.88	Pass
54	5270	13.72	13.10	43.968	16.43	20.88	Pass
62	5310	11.10	10.33	23.672	13.74	20.88	Pass
102	5510	11.84	10.62	26.81	14.28	20.88	Pass
110	5550	13.95	13.12	45.343	16.57	20.88	Pass
134	5670	14.27	13.79	50.663	17.05	20.88	Pass
*142 (UNII-2C Band)	5710	10.06	10.34	25.874	14.13	20.88	Pass
*142 (UNII-3 Band)	5710	-1.77	-2.19	1.5673	1.95	26.88	Pass
151	5755	11.74	10.80	26.951	14.31	26.88	Pass
159	5795	13.70	12.88	42.851	16.32	26.88	Pass

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

The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
				Chain 0	Chain 1		
142	5710	27.4413	14.38	14.20	13.43	48.332	16.84

Note: 5150~5250MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (9.12 - 6) = 26.88\text{dBm}$.

5250~5350MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(9.12-6)".

5470~5725MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(9.12-6)".

5725~5850MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (9.12 - 6) = 26.88\text{dBm}$.

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	43.67	48.20
46	5230	46.16	41.71
54	5270	56.07	41.65
62	5310	45.35	42.85
102	5510	41.50	41.58
110	5550	41.90	42.73
134	5670	44.17	42.27
142 (UNII-2C Band)	5710	36.27	35.78

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	41.65	27.19 > 24
62	5310	42.85	27.31 > 24
102	5510	41.50	27.18 > 24
110	5550	41.90	27.22 > 24
134	5670	42.27	27.26 > 24
142 (UNII-2C Band)	5710	35.78	26.53 > 24

802.11ac (VHT80)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	9.62	9.17	17.423	12.41	26.88	Pass
58	5290	9.31	9.25	16.945	12.29	20.88	Pass
106	5530	10.84	9.60	21.254	13.27	20.88	Pass
122	5610	13.82	13.24	45.185	16.55	20.88	Pass
*138 (UNII-2C Band)	5690	9.75	9.83	30.817	14.89	20.88	Pass
*138 (UNII-3 Band)	5690	-6.89	-6.37	0.704	-1.52	26.88	Pass
155	5775	11.07	10.19	23.241	13.66	26.88	Pass

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

The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
				Chain 0	Chain 1		
138	5690	31.521	14.99	13.82	12.77	43.022	16.34

Note: 5150~5250MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (9.12 - 6) = 26.88\text{dBm}$.

5250~5350MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(9.12-6)".

5470~5725MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(9.12-6)".

5725~5850MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (9.12 - 6) = 26.88\text{dBm}$.

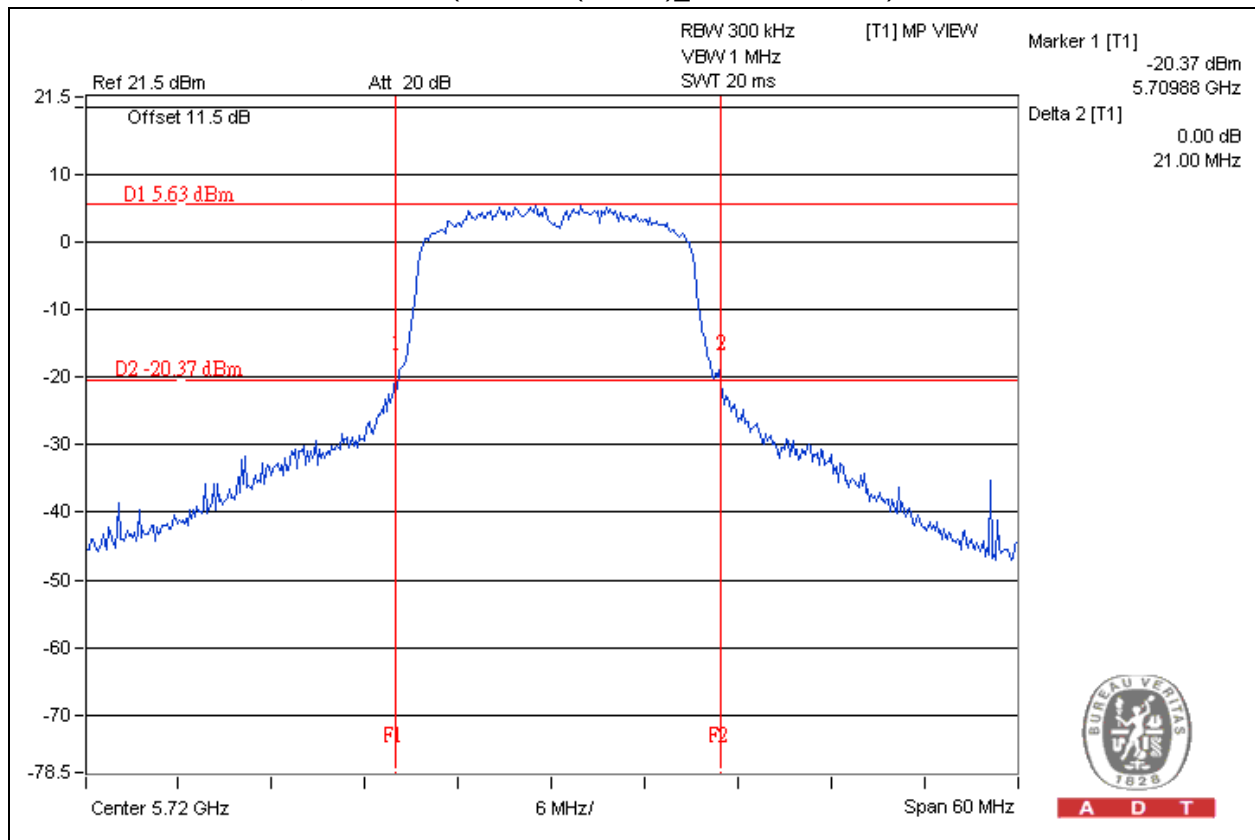
26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	83.21	82.64
58	5290	83.44	82.49
106	5530	82.20	82.85
122	5610	89.46	84.35
138 (UNII-2C Band)	5690	93.89	75.53

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.49	30.16 > 24
106	5530	82.20	30.14 > 24
122	5610	84.35	30.26 > 24
138 (UNII-2C Band)	5690	75.53	29.78 > 24

**此測試圖僅放測試結果最差的頻道。(802.11ac (VHT20)_Chain 1 / CH144)



Note: For CH144 (UNII-2C Band) = 5725MHz - Marker 1

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。

9 功率頻譜密度之量測

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(7)項(I)及(4)項(I)的規定
☒	5.25 GHz~5.35 GHz	請見本報告 3.1 節第(7)項(II)及(4)項(II)的規定
☒	5.470 GHz~5.725 GHz	請見本報告 3.1 節第(7)項(II)及(4)項(II)的規定
☒	5.725 GHz~5.850 GHz	請見本報告 3.1 節第(7)項(III)及(4)項(III)的規定

9.2 量測方法

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

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

Using method SA-2

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

For U-NII-3 band:

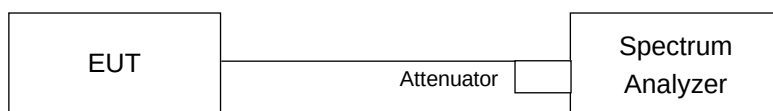
1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS
3. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
4. Scale the observed power level to an equivalent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

9.3 量測儀器

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	May 29, 2020	May 28, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021

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

9.4 測試配置



9.5 量測結果

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

操作模式	發射	測試日期	109 年 07 月 23 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	陳高逸		

CDD Mode

802.11a

Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD With Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	0.67	1.08	1.24	5.13	13.88	Pass
40	5200	2.56	3.87	1.24	7.51	13.88	Pass
48	5240	2.05	3.26	1.24	6.95	13.88	Pass
52	5260	0.57	0.32	1.24	4.70	7.88	Pass
60	5300	2.52	2.65	1.24	6.84	7.88	Pass
64	5320	0.92	0.63	1.24	5.03	7.88	Pass
100	5500	1.32	1.14	1.24	5.48	7.88	Pass
116	5580	2.46	3.21	1.24	7.10	7.88	Pass
140	5700	0.90	1.45	1.24	5.43	7.88	Pass
144 (U-NII-2C Band)	5720	1.04	1.47	1.24	5.51	7.88	Pass

- Note:** 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5150~5250MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $17 - (9.12 - 6) = 13.88 \text{ dBm/MHz}$.
3. 5250~5350MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $11 - (9.12 - 6) = 7.88 \text{ dBm/MHz}$.
4. 5470~5725MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $11 - (9.12 - 6) = 7.88 \text{ dBm/MHz}$.
5. Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD With Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	0.55	0.96	0.53	4.30	13.88	Pass
40	5200	0.72	2.45	0.53	5.21	13.88	Pass
48	5240	1.89	2.98	0.53	6.01	13.88	Pass
52	5260	0.24	-0.09	0.53	3.62	7.88	Pass
60	5300	1.68	1.45	0.53	5.11	7.88	Pass
64	5320	0.97	1.14	0.53	4.60	7.88	Pass
100	5500	0.72	0.43	0.53	4.12	7.88	Pass
116	5580	1.58	1.25	0.53	4.96	7.88	Pass
140	5700	0.74	0.54	0.53	4.18	7.88	Pass
144 (U-NII-2C Band)	5720	0.03	0.25	0.53	3.68	7.88	Pass

- Note:**
- Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
 - 5150~5250MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $17-(9.12-6) = 13.88 \text{ dBm/MHz}$.
 - 5250~5350MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $11-(9.12-6) = 7.88 \text{ dBm/MHz}$.
 - 5470~5725MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $11-(9.12-6) = 7.88 \text{ dBm/MHz}$.
 - Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD With Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
38	5190	-7.81	-7.14	0.92	-3.53	13.88	Pass
46	5230	-4.02	-3.23	0.92	0.32	13.88	Pass
54	5270	-2.78	-3.03	0.92	1.03	7.88	Pass
62	5310	-6.54	-7.26	0.92	-2.95	7.88	Pass
102	5510	-5.96	-6.60	0.92	-2.34	7.88	Pass
110	5550	-4.20	-3.56	0.92	0.06	7.88	Pass
134	5670	-4.39	-3.19	0.92	0.18	7.88	Pass
142 (U-NII-2C Band)	5710	-3.96	-3.80	0.92	0.05	7.88	Pass

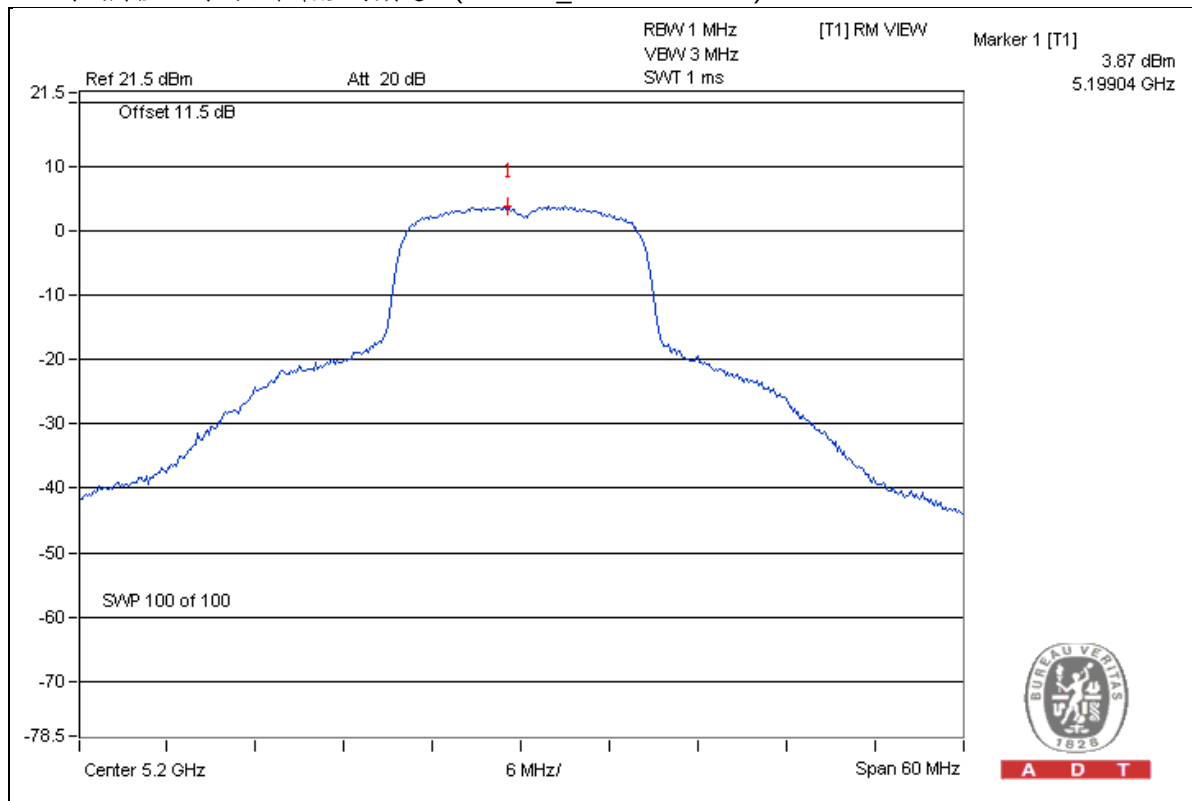
- Note:** 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5150~5250MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $17 - (9.12 - 6) = 13.88 \text{ dBm/MHz}$.
3. 5250~5350MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $11 - (9.12 - 6) = 7.88 \text{ dBm/MHz}$.
4. 5470~5725MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $11 - (9.12 - 6) = 7.88 \text{ dBm/MHz}$.
5. Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD W/O Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD With Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
42	5210	-11.27	-11.10	2.09	-6.08	13.88	Pass
58	5290	-10.18	-10.78	2.09	-5.37	7.88	Pass
106	5530	-9.74	-10.85	2.09	-5.16	7.88	Pass
122	5610	-7.01	-6.71	2.09	-1.76	7.88	Pass
138 (U-NII-2C Band)	5690	-7.90	-7.87	2.09	-2.78	7.88	Pass

- Note:** 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. 5150~5250MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $17 - (9.12 - 6) = 13.88 \text{ dBm/MHz}$.
3. 5250~5350MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $11 - (9.12 - 6) = 7.88 \text{ dBm/MHz}$.
4. 5470~5725MHz: Directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $11 - (9.12 - 6) = 7.88 \text{ dBm/MHz}$.
5. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。(802.11a_Chain 1 / CH40)



For U-NII-3 band:

操作模式	發射	測試日期	109 年 07 月 23 日
量測場地溫度	25°C	量測場地濕度	60%RH
測試者	陳高逸		

CDD Mode

802.11a

Chan.	Freq. (MHz)	PSD W/O Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD With Duty Factor		Limit (dBm/500kHz)	Pass /Fail
		Chain 0	Chain 1		dBm/300kHz	dBm/500kHz		
144 (U-NII-3 Band)	5720	-7.46	-6.99	1.24	-2.97	-0.75	26.88	Pass
149	5745	-4.28	-4.18	1.24	0.02	2.24	26.88	Pass
157	5785	-3.27	-2.72	1.24	1.26	3.48	26.88	Pass
165	5825	-2.90	-2.72	1.24	1.44	3.66	26.88	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
 2. The directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $30 - (9.12 - 6) = 26.88 \text{ dBm/500kHz}$.
 3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT20)

Chan.	Freq. (MHz)	PSD W/O Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD With Duty Factor		Limit (dBm/500kHz)	Pass /Fail
		Chain 0	Chain 1		dBm/300kHz	dBm/500kHz		
144 (U-NII-3 Band)	5720	-8.30	-8.47	0.53	-4.84	-2.62	26.88	Pass
149	5745	-4.56	-4.43	0.53	-0.95	1.27	26.88	Pass
157	5785	-4.28	-3.67	0.53	-0.42	1.80	26.88	Pass
165	5825	-3.44	-3.15	0.53	0.25	2.47	26.88	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
 2. The directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $30 - (9.12 - 6) = 26.88 \text{ dBm/500kHz}$.
 3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT40)

Chan.	Freq. (MHz)	PSD W/O Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD With Duty Factor		Limit (dBm/500kHz)	Pass /Fail
		Chain 0	Chain 1		dBm/300kHz	dBm/500kHz		
142 (U-NII-3 Band)	5710	-14.24	-14.20	0.92	-10.29	-8.07	26.88	Pass
151	5755	-10.65	-11.09	0.92	-6.93	-4.71	26.88	Pass
159	5795	-9.45	-9.34	0.92	-5.46	-3.24	26.88	Pass

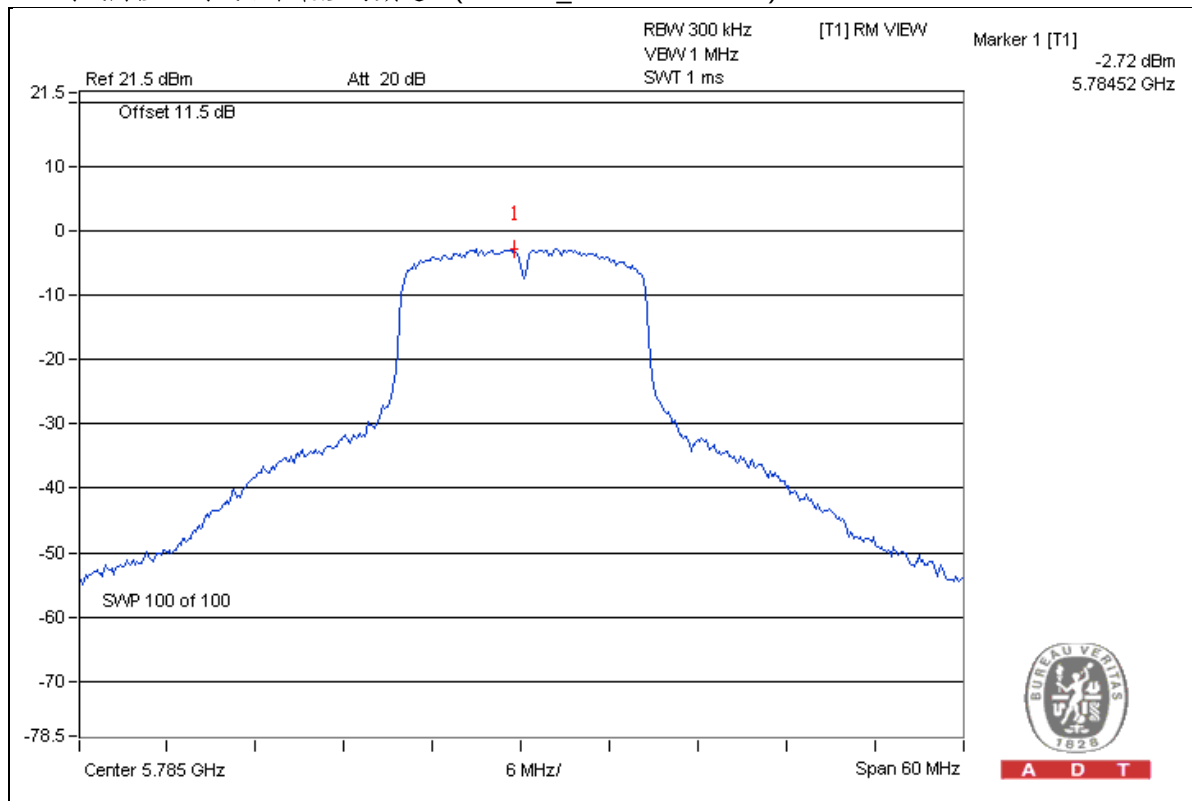
- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $30 - (9.12 - 6) = 26.88 \text{ dBm/500kHz}$.
3. Refer to section 2.1 for duty cycle spectrum plot.

802.11ac (VHT80)

Chan.	Freq. (MHz)	PSD W/O Duty Factor (dBm/300kHz)		Duty Factor (dB)	Total PSD With Duty Factor		Limit (dBm/500kHz)	Pass /Fail
		Chain 0	Chain 1		dBm/300kHz	dBm/500kHz		
138 (U-NII-3 Band)	5690	-19.36	-19.55	2.09	-14.35	-12.13	26.88	Pass
155	5775	-15.18	-14.47	2.09	-9.71	-7.49	26.88	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = $6.11\text{dBi} + 10\log(2) = 9.12\text{dBi} > 6\text{dBi}$, so the Power Density limit shall be reduced to $30 - (9.12 - 6) = 26.88 \text{ dBm/500kHz}$.
3. Refer to section 2.1 for duty cycle spectrum plot.

**此測試圖僅放測試結果最差的頻道。(802.11a_Chain 1 / CH157)



10 電波暴露量之評估

10.1 適用標準

請見本報告 3.1 節第(12)項的規定。

10.2 評估方法

a) 以 5.5 及 7.5 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

10.3 評估結果

Operation Mode	Evaluation Frequency (MHz)	Max Power (dBm)	Max Power (mW)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Pass/Fail
WLAN 2.4GHz	2462	21.32	135.393	6.33	20	0.11570	1	Pass
WLAN 5GHz	5240	18.71	74.283	9.12	20	0.12068	1	Pass
BT-EDR	2480	11.02	12.647	3.32	20	0.00540	1	Pass
BT-LE	2480	3.04	2.013	3.32	20	0.00086	1	Pass

Note:

2.4GHz: Directional gain = 3.32dBi + 10log(2) = 6.33dBi

5GHz: Directional gain = 6.11dBi + 10log(2) = 9.12dBi

Conclusion:

The formula of calculated the MPE is:

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

CPD = Calculation power density

LPD = Limit of power density

WLAN (5GHz) + Bluetooth = $0.12068 / 1 + 0.00540 / 1 = 0.12608$

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

11 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

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Web Site: www.bureauveritas-adt.com

您也可以在我们的网站內找到各實驗室的地圖。

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