

低功率射頻器材量測報告

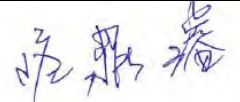
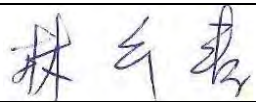
報告發行日期: 109 年 10 月 16 日

報告號碼: 2060762R-E3032620215



產品名稱(中文)	Wireless Access Point
申請者	香港商極進網路有限公司台灣分公司
地址	臺北市松山區復勢里南京東路 4 段 126 號 5 樓
製造廠商	Extreme Networks, Inc
型式號	AP460SC
商標或廠牌	Extreme Networks
待測物額定電壓	DC 37~57V
待測物測試電壓	DC 48V
試驗標準	低功率射頻器材技術規範(109 年 7 月 1 日) FCC CFR Title 47 Part 15 Subpart E 15.407 (h): 2015 KDB 905462 D02, KDB 905462 D04, KDB 905462 D06 FCC 14-30
試驗結果	符合

項次	量測項目	標稱規格	測試結果	量測設備	量測不確定度
1	發射功率控制	低功率射頻器材技術規範 5.7.7.1 節	N/A	請參閱 3.2 節	
2	動態頻率選擇	低功率射頻器材技術規範 5.7.7.2 節	PASS	請參閱 3.5 節	請參閱 3.6 節
3	以下空白	--	--	--	--

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Revision History

Report No.	Version	Description	Issued Date
2060762R-E3032620215	V1.0	Initial issue of report.	2020-10-16

1. 基本資料

1.1. 待測物裝置資料

申請者(或公司)	香港商極進網路有限公司台灣分公司
地址	臺北市松山區復勢里南京東路4段126號5樓
製造廠商	Extreme Networks, Inc
產品名稱	Wireless Access Point
產品型號	AP460SC
DFS Frequency Range	802.11a/ac/ax-20MHz:5260-5320MHz,5500-5720MHz 802.11 ac/ax -40MHz:5270-5310MHz,5510-5670MHz 802.11ac/ax-80MHz:5290MHz,5530-5690MHz 802.11ac/ax-160MHz:5250MHz,5570MHz
Number of DFS Channels	802.11a/ac/ax-20MHz:16 802.11 ac/ax -40MHz:8 802.11ac/ax-80MHz:4 802.11ac/ax-160MHz:2
Type of Modulation	802.11a/n/ac:OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM
Channel Bandwidth	20MHz/40MHz/80MHz
Channel Control	Auto
DFS Function	☒ Master ☐ Slave
TPC Function	☒ <500mW not required ☐ ≥ 500 mW employ a TPC
Communication Mode	☒ IP Based Systems ☐ Frame Based System ☐ Other System
Antenna type	Refer to the table "Antenna List"

Antenna List(Radio 1) (Antenna 4)

No.	Manufacturer	Model No.	Antenna Type	Peak Gain
1	Sercomm	AP460S6C -Ant4	Dipole Antenna	5.93 dBi for 5.250-5.350 GHz 6.30 dBi for 5.470-5.725 GHz
2	Sercomm	AP460S12C -Ant4	Dipole Antenna	5.54 dBi for 5.250-5.350 GHz 5.52 dBi for 5.470-5.725 GHz

Note: Each antenna has been evaluated and only the worst case (higher gain antenna) is presented in the report.

Antenna List(Radio 2) (Antenna 1,2)

No.	Manufacturer	Model No.	Antenna Type	Peak Gain
1	Sercomm	AP460S6C-Ant1	Dipole Antenna	6.85 dBi for 5.250-5.350 GHz 7.29 dBi for 5.470-5.725 GHz
2	Sercomm	AP460S6C -Ant2	Dipole Antenna	7.24 dBi for 5.250-5.350 GHz 7.79 dBi for 5.470-5.725 GHz
3	Sercomm	AP460S12C-Ant1	Slot Dipole Antenna	6.34 dBi for 5.250-5.350 GHz 6.17 dBi for 5.470-5.725 GHz
4	Sercomm	AP460S12C -Ant2	Dipole Antenna	6.11 dBi for 5.250-5.350 GHz 5.65 dBi for 5.470-5.725 GHz

Note: Each antenna has been evaluated and only the worst case (higher gain antenna) is presented in the report.

Antenna List(Radio 3) (Antenna 3,5,6,7)

No.	Manufacturer	Model No.	Antenna Type	Peak Gain
1	Sercomm	AP460S6C -Ant3	Dipole Antenna	7.84 dBi for 5.250-5.350 GHz 7.55 dBi for 5.470-5.725 GHz
2	Sercomm	AP460S6C -Ant5	Dipole Antenna	7.55 dBi for 5.250-5.350 GHz 8.06 dBi for 5.470-5.725 GHz
3	Sercomm	AP460S6C -Ant6	Dipole Antenna	7.45 dBi for 5.250-5.350 GHz 7.91 dBi for 5.470-5.725 GHz
4	Sercomm	AP460S6C -Ant7	Dipole Antenna	7.14 dBi for 5.250-5.350 GHz 7.65 dBi for 5.470-5.725 GHz
5	Sercomm	AP460S12C -Ant3	Dipole Antenna	5.73 dBi for 5.250-5.350 GHz 6.12 dBi for 5.470-5.725 GHz
6	Sercomm	AP460S12C -Ant5	Dipole Antenna	5.88 dBi for 5.250-5.350 GHz 6.15 dBi for 5.470-5.725 GHz
7	Sercomm	AP460S12C -Ant6	Dipole Antenna	5.37 dBi for 5.250-5.350 GHz 5.11 dBi for 5.470-5.725 GHz
8	Sercomm	AP460S12C -Ant7	Dipole Antenna	5.22 dBi for 5.250-5.350 GHz 5.16 dBi for 5.470-5.725 GHz

Note: Each antenna has been evaluated and only the worst case (higher gain antenna) is presented in the report.

1.2. 待測裝置驗證說明

1. 待測裝置規格說明:

待測物為 Wireless Access Point，其天線為 PIFA 天線，悉採 5GHz 為載波，利用寬頻數位調變(OFDM)方式來傳送訊號。

(1) 待測裝置為同一體。

(2) 發射體主要功能特性有:

<1> 待測裝置利用無線電波,分別借由無線電波,傳送及接收,達到資料傳送之目的。

<2> 待測裝置傳送訊號,使用 5GHz 為載波頻率，利用數位調變方式來傳送訊號，且其天線為 PIFA 天線。

<3> 動態頻率選擇之工作頻率範圍: 5260-5320MHz, 5500-5700MHz。

<4> 頻道切換方式: 採自動切換控制方式。

<5> 調變方式: 採 OFDM 調變方式。

<6> 傳輸速率:

Radio 1

802.11a: 6 – 54Mbps。

802.11ac/ax: 7.2 – 72.2Mbps using 20 MHz channel。

802.11ac/ax: 15 – 150Mbps using 40 MHz channel。

802.11ac/ax 32.5 – 433.3Mbps using 80 MHz channel。

Radio 2

802.11a: 6 – 54Mbps。

802.11ac/ax: 14.4 – 144.4Mbps using 20 MHz channel。

802.11ac/ax: 30 – 300Mbps using 40 MHz channel。

802.11ac/ax: 65 – 866.6Mbps using 80 MHz channel。

Radio 3

802.11a: 6 – 54Mbps。

802.11ac/ax: 28.8 – 346.8Mbps using 20 MHz channel。

802.11ac/ax: 60 – 800Mbps using 40 MHz channel。

802.11ac/ax: 130 – 1733.2Mbps using 80 MHz channel。

802.11ac/ax: 144.1 – 2402Mbps using 160 MHz channel。

<7> 待測物額定電壓: DC 12-48V

<8> 802.11a/ac/ax -20MHz 共計 16 個工作頻道, 802.11ac/ax -40MHz 共計 8 個工作頻道, 802.11ac/ax -80MHz 共計 4 個工作頻道, 802.11ac/ax -160MHz 共計 2 個工作頻道

<9> 802.11a/ac/ax-20MHz 共計 16 個工作頻道, 工作頻道頻率為:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 052:	5260 MHz	Channel 056:	5280 MHz	Channel 060:	5300 MHz	Channel 064:	5320 MHz
Channel 100:	5500 MHz	Channel 104:	5520 MHz	Channel 108:	5540 MHz	Channel 112:	5560 MHz
Channel 116:	5580 MHz	Channel 120:	5600 MHz	Channel 124:	5620 MHz	Channel 128:	5640 MHz
Channel 132:	5660 MHz	Channel 136:	5680 MHz	Channel 140:	5700 MHz	Channel 144:	5720 MHz

<10>802.11ac/ax-40MHz 共計 8 個工作頻道, 工作頻道頻率為:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 054:	5270 MHz	Channel 062:	5310 MHz	Channel 102:	5510 MHz	Channel 110:	5550 MHz
Channel 118:	5590 MHz	Channel 126:	5630 MHz	Channel 134:	5670 MHz	Channel 142:	5710 MHz

<11>802.11ac/ax-80MHz 共計 4 個工作頻道, 工作頻道頻率為:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 058:	5290 MHz	Channel 106:	5530 MHz	Channel 122:	5610 MHz	Channel 138:	5690 MHz

<12>802.11ac/ax-160MHz 共計 2 個工作頻道, 工作頻道頻率為:

Channel	Frequency	Channel	Frequency
Channel 50:	5250 MHz	Channel 114:	5570 MHz

<9> 關於受測物詳細說明, 請參閱製造商規格或使用手冊。

測試模式	Mode 1: Radio 1: 發射器
	Mode 2: Radio 2: 發射器
	Mode 3: Radio 3: 發射器

2. 測試實驗室資料

2.1. 試驗單位與週遭環境

實驗室環境條件:

Performed Item	Items	Required	Actual
Radiated Emission	Temperature (°C)	10~40 °C	25.6 °C
	Humidity (%RH)	10~90 %	66 %
Conductive	Temperature (°C)	10~40 °C	23.1 °C
	Humidity (%RH)	10~90 %	67.8 %

財團法人全國認證基金會 認證

特定服務計畫：通訊傳播設備測試實驗室認證服務計畫

初次認證日期：一百零三年十月二十四日

認證有效期間：一百零六年十二月十三日起至一百零九年十二月十二日止

認可測試領域：低功率射頻器材(工作頻率9kHz to 325GHz)

認可編號：3023

測試實驗室：德凱認證股份有限公司

測試實驗室地址：新北市林口區瑞平里瑞樹坑5-22號

電話號碼：+886-2-8601-3788

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公司網站：<http://www.dekra.com.tw>

2.2. 測試設備明細

Dynamic Frequency Selection (DFS) / CTR

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	N9010A	MY52100213	Sep., 21, 2020
Vector Signal Generator	Agilent	E4438C	MY49070137	July, 02, 2020
Horn Antenna	SCHWARZBECK	BBHA9120D	866	July.,16, 2020
Horn Antenna	SCHWARZBECK	BBHA9120D	305	Jan.,11, 2020

Instrument	Manufacturer	Type No.	Serial No
Notebook Pc	Hp	HSTNN-155C	CNU8476RVZ
Notebook Pc	Dell	Latitude E5420	24357736765
RF Cable	WOKEN	L1406-031C	S02-130729-305
RF Cable	SUHNER	SUCOFLEX 106	3474516

Software	Manufacturer	Function
Agilent Signal Studio for Pulse Building V1.3.13.0	Agilent	Radar Signal Generation Software
Agilent DFS_TEST V6.9	Agilent	Radar Signal Generation Software
Media Player Classic v6.4.8.6	Gabest.org	Multimedia Player

2.3. 量測不確定度

不確定度已根據 DEKRA 內部文件進行了計算，並在本報告的每個測試章節中進行了描述。報告的擴展不確定性是基於標準不確定性乘以 $k = 2$ 的覆蓋因子得出的，置信度約為 95%。對各個測試系統與伴隨的連接設施，所執行的量測項目的量測不確定度，在此提供做為系統資訊的參考，符合性決定不考慮測試系統的不確定度而是基於符合性測試的結果。

Test item	Uncertainty
DFS 偵測門檻值，頻道可用性檢查時間 頻率移動時間及頻道關閉傳輸時間，不可佔用期間	$\pm 2.31\text{msec}$

3. 動態頻率選擇

3.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範之第 5.7.7.2 節動態頻率選擇(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-64 dBm。

(B) 最大 EIRP 低於 200 mW，且功率頻譜密度小於 10 dBm/MHz 之設備，其最低動態頻率選擇的偵測門檻值為-62 dBm。

(C) 最大 EIRP 低於 200 mW，且功率頻譜密度大於或等於 10 dBm/MHz 之設備，其最低動態頻率選擇的偵測門檻值為-64 dBm。

(D) 此偵測門檻值為 1 微秒內之平均接收功率，並以 0 dBi 天線為參考基準。頻道初始設定得由系統隨機選取或使用使用者手動選取。

(2) 操作模式：動態頻率選擇之規定適用於以下之操作模式：

(A) 頻道可用性檢查時間之規定，適用於主控運作模式。

(B) 頻道移動時間之規定，適用於主控及受控運作模式。

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

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

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

3.2. 待測物量測說明

待測物動態頻率選擇操作於下列之頻帶:

5.25-5.35 GHz

5.47-5.725 GHz

待測物為主控運作設備且有偵測雷達系統功能。

待測物為 IEEE 802.11a/n，以 IP 為基礎架構的設備，使用頻帶寬度為 20 MHz/40MHz/80MHz。

待測物之天線增益為 11.1dBi。量測方式是將 50 歐姆(Ω)的收、發天線端連接至測試設備系統進行傳導測試。

受控運作設備為 Notebook Pc Dell Latitude E5420 內建無線網路卡(Intel AX200NGW)

由於待測物為主控運作設備，待測物最大傳導輸出功率為 19.52dBm, EIRP 為 25.45dBm <27dBm。

使用特定頻道前 DFS 量測要求

要求	操作模式		
	主控	受控〔有雷達偵測功能〕	受控〔無雷達偵測功能〕
不可佔用期間	✓	✓	✓
DFS 偵測門檻值	✓	✓	不需測試
頻道可用性檢查時間	✓	不需測試	不需測試
頻道均勻分配使用功能	✓	不需測試	不需測試
U-NII 偵測頻寬	✓	✓	不需測試

Applicability of DFS requirements during normal operation

需求	操作模式		
	主控	受控〔有雷達偵測功能〕	受控〔無雷達偵測功能〕
DFS 偵測門檻值	✓	✓	不需測試
頻率關閉傳輸時間	✓	✓	✓
頻率移動時間	✓	✓	✓
U-NII 偵測頻寬	✓	✓	不需測試

偵測門檻值：主控或受控設備，操作模式包含”服務中”監視顯示

最大傳輸功率 (EIRP)	偵測門檻值 (註一與註二)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm
註一：此位準為接收機輸入端以 0dBi 的接收天線為參考基準。 註二：測試過程中，在傳輸波形振幅上再加上額外的 1dB，以說明在量測設備上的變異，此可以確保測試信號是在偵測臨界值處或其上來觸發 DFS 的反應。	

DFS 測試項目及限制值

測試項目	限制值
U-NII 偵測頻寬	U-NII 99% occupied bandwidth 大於 100%
不可佔用期間	30 分鐘
頻道可用性檢查時間	60 秒
頻率移動時間	10 秒
頻道關閉傳輸時間	200 毫秒 + 在 10 秒週期內的 60 毫秒 〔註一與註二〕
註一：頻道移動時間與頻道關閉傳輸時間開始的瞬間如下所述： ● 對短脈衝雷達信號，此瞬間為叢訊的結束時間點算起。 ● 對跳頻雷達信號，此瞬間為最後一個產生的叢訊結束時間點算起。 ● 對長脈衝雷達測試信號，此瞬間為雷達波型信號結束的 12 秒時間點算起。 註二：頻道關閉傳輸時間包含於頻道移動時間起始的 200 毫秒，加上在 10 秒週期內剩下為了促成頻道移動所需的任何額外間歇性的管理與控制信號〔合計時間為 60 毫秒〕。此控制信號的合計持續時間不包含傳輸間的 quiet 週期。	

短脈衝雷達測試信號

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

Type 2 ~ 4 須測試至少各 30 種不同參數的雷達波形，若個別 Type 的測試超過 30 次，超過的雷達波形仍需與先前的雷達波形不同，不可重複；而 Type 1 則需重複測試至少 30 次相同的雷達波形。Aggregate 為短脈衝雷達測試信號 Type 1 ~ 4 偵測成功百分比的平均值。

長脈衝雷達測試信號

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

長脈衝雷達測試信號的參數皆為隨機組合，須測試至少各 30 種不同參數的雷達波形，若長脈衝雷達測試信號測試超過 30 次，超過的雷達波形仍需與先前的雷達波形不同，不可重複。

跳頻雷達測試信號

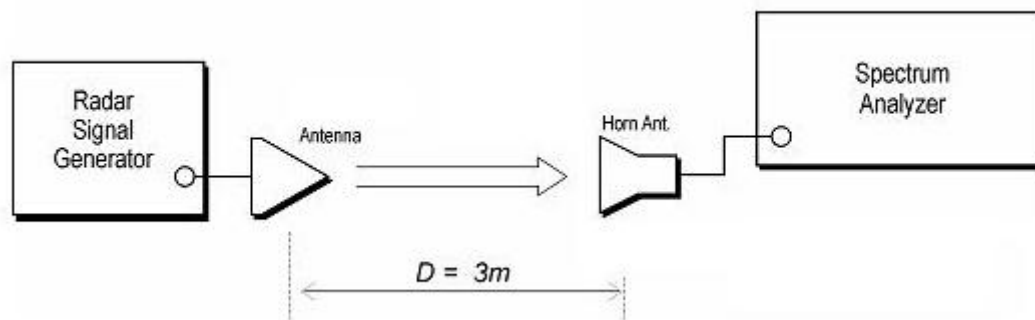
Radar Waveform	Pulse Width (μsec)	PRI (μsec)	Hopping Sequence Length (msec)	Pulses Per Hop	Hopping Rate (kHz)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	300	9	.333	70%	30

對於跳頻雷達測試信號而言，每個波形使用相同的脈波叢參數，但跳頻序列對每個波形都不同，並從跳頻序列中選擇 100 單位長度的區段。

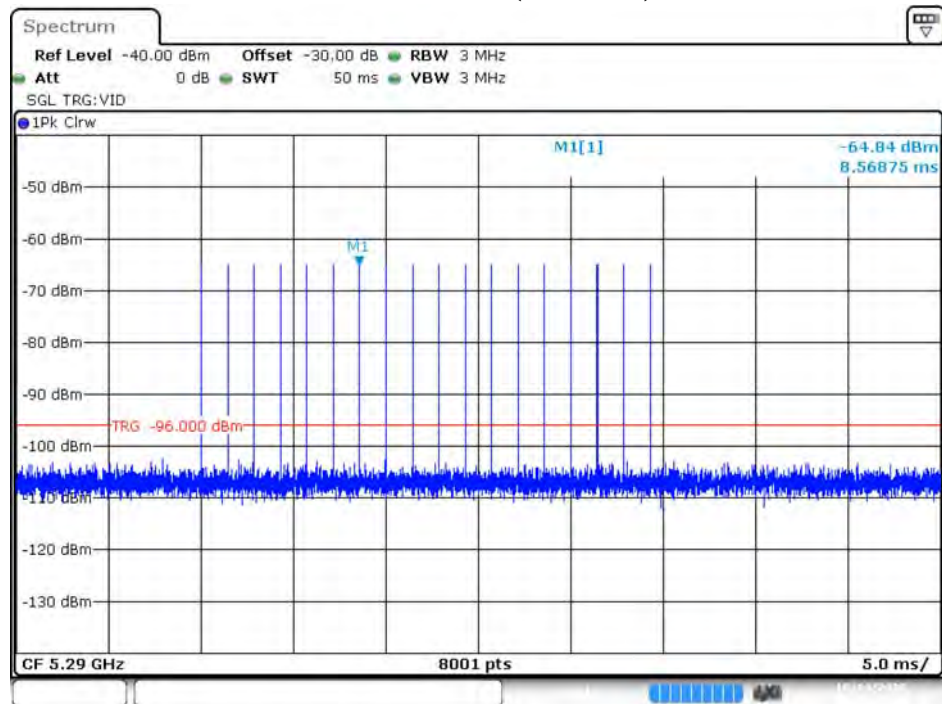
雷達系統波形校驗

下圖之設備架構為用於校驗輻射測試之雷達波形，使用頻譜分析儀確認雷達測試信號之振幅位準。
將頻譜分析儀的中心頻率設為雷達波之頻率，頻率掃瞄範圍調整為零〔時域〕，解析頻寬與視訊頻寬分別為 3MHz 與 3MHz，並使用 peak detection 觀察雷達訊號產生器所創建的雷達波。
將雷達訊號產生器的振幅位準調整至頻譜分析儀上觀察到的位準為-63dBm，此位準為接收機輸入端以 0dBi 的接收天線為參考基準。

校驗架構圖

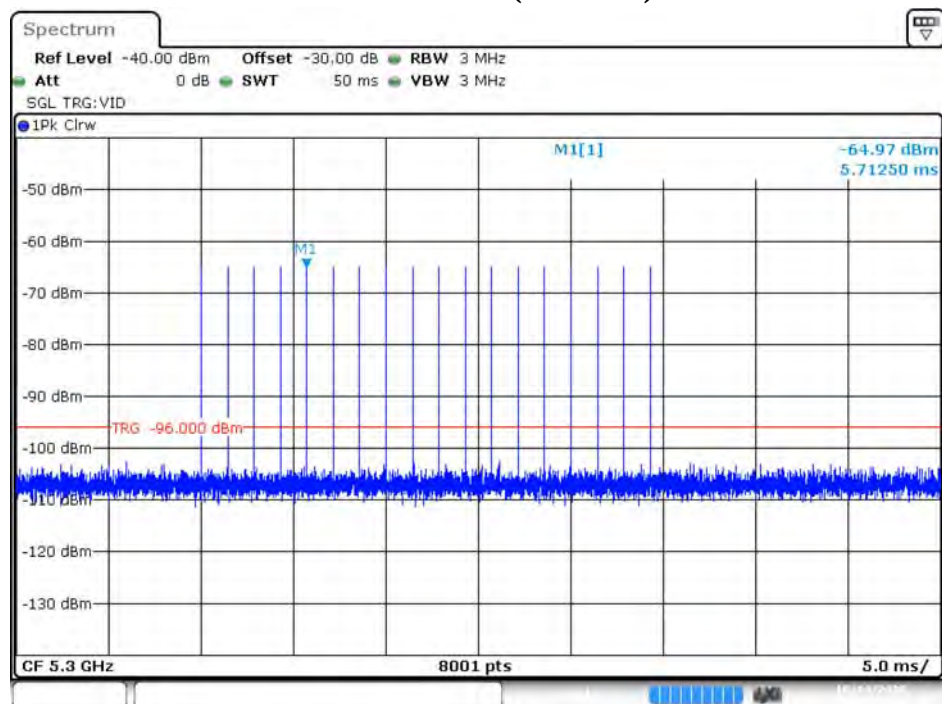


Radar Type 0 Calibration Plot (5290MHz)



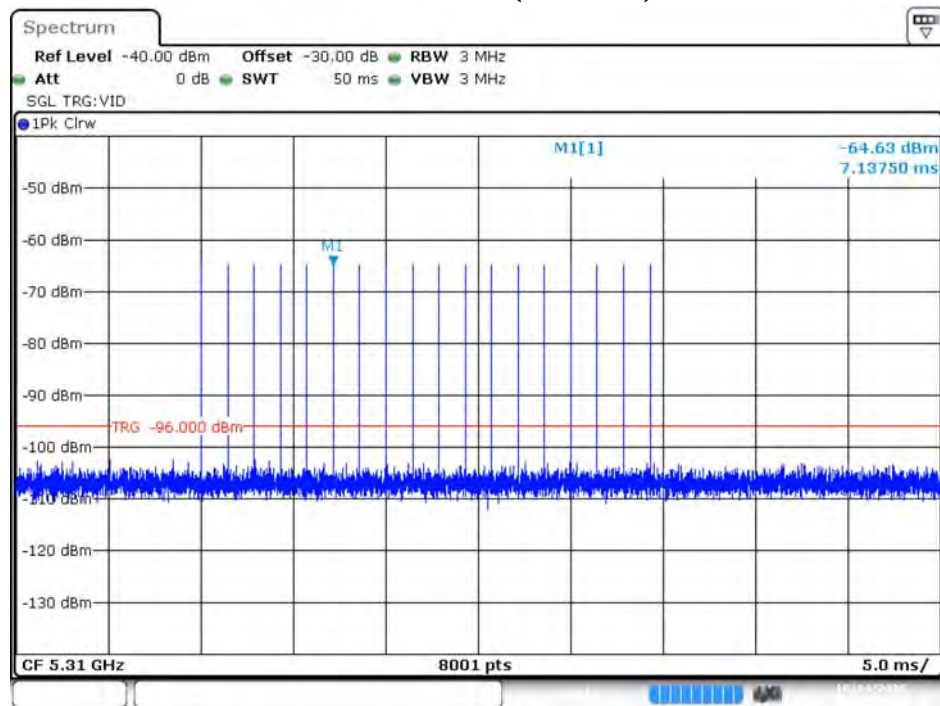
Date: 14.OCT.2020 21:37:31

Calibration Plot (5300MHz)



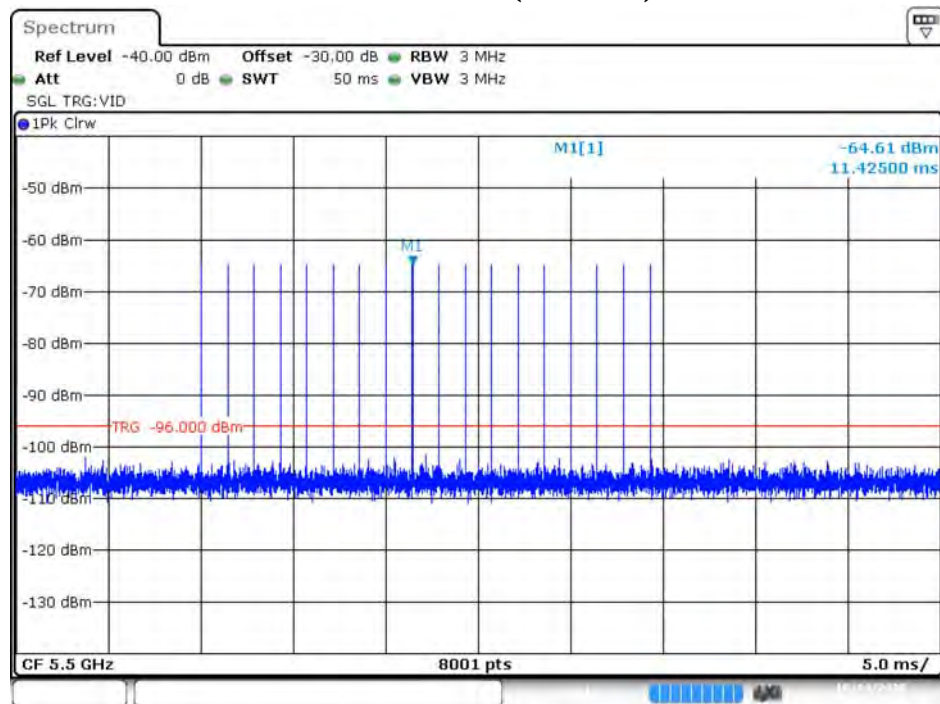
Date: 14.OCT.2020 21:38:32

Calibration Plot (5310MHz)



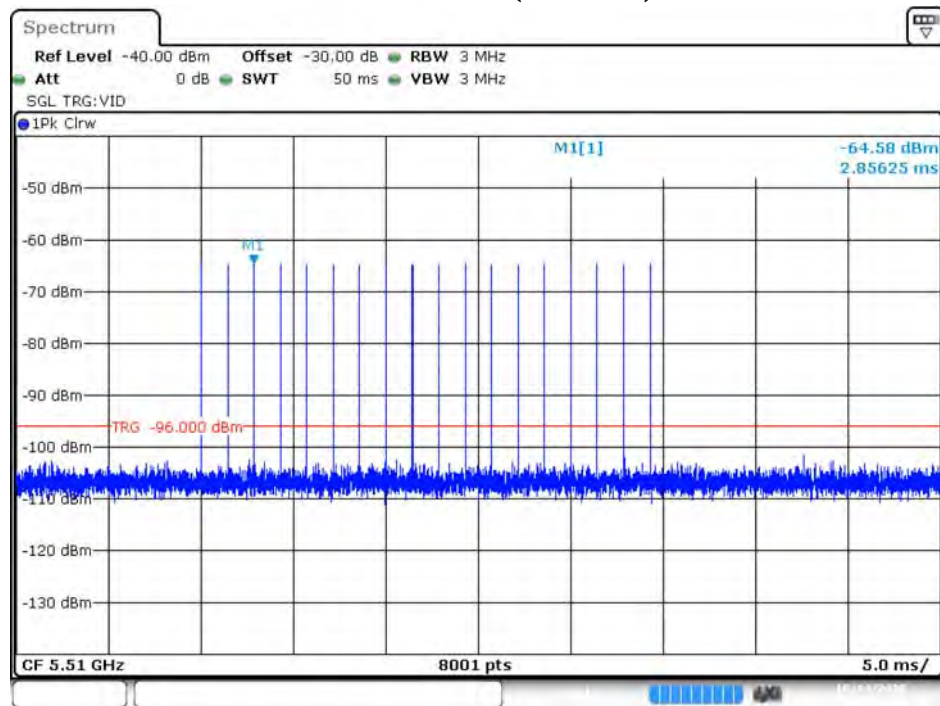
Date: 14.OCT.2020 21:39:08

Calibration Plot (5500MHz)



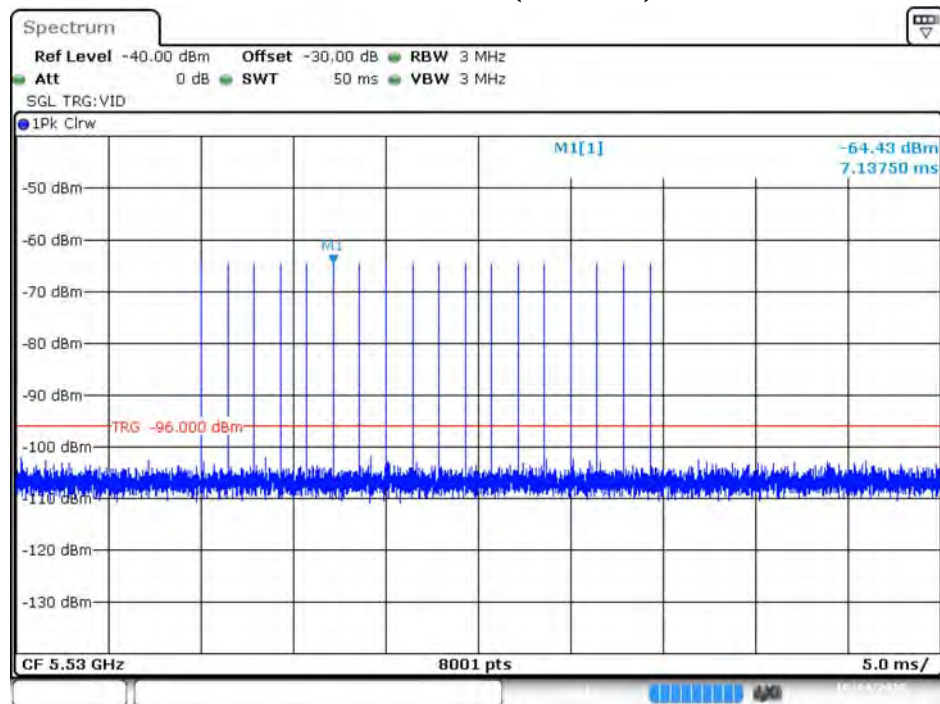
Date: 14.OCT.2020 21:40:41

Calibration Plot (5510MHz)



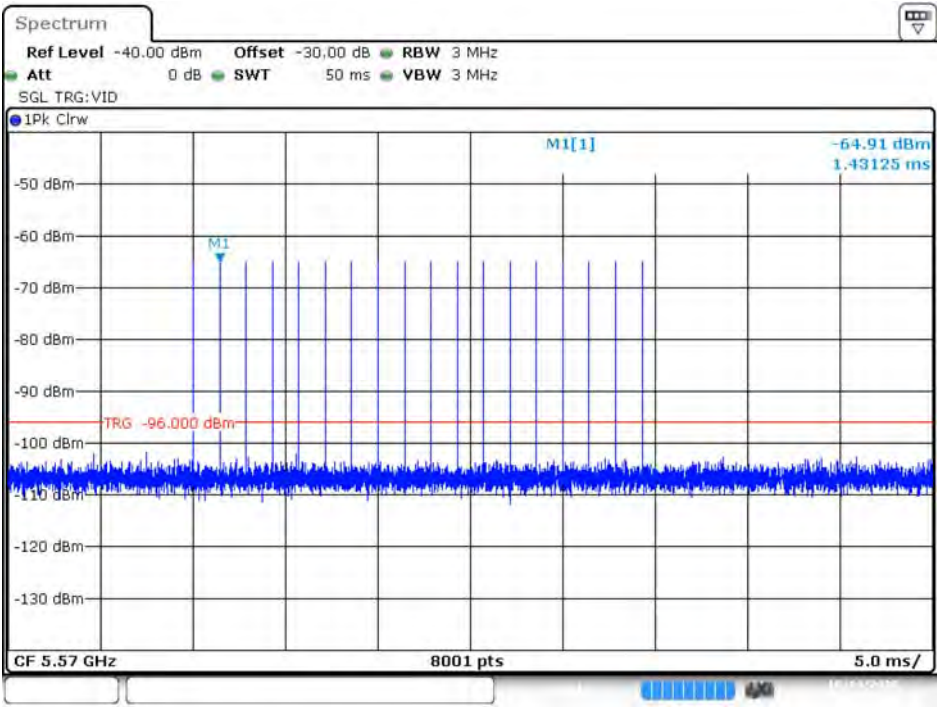
Date: 14.OCT.2020 21:41:24

Calibration Plot (5530MHz)



Date: 14.OCT.2020 21:41:53

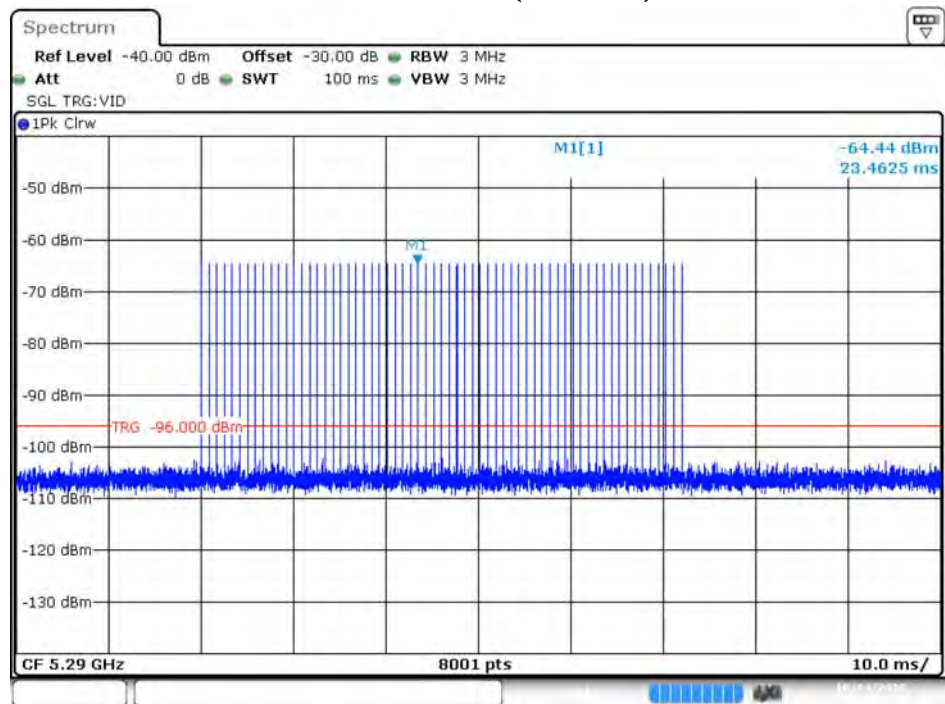
Calibration Plot (5570MHz)



Date: 14.OCT.2020 21:42:21

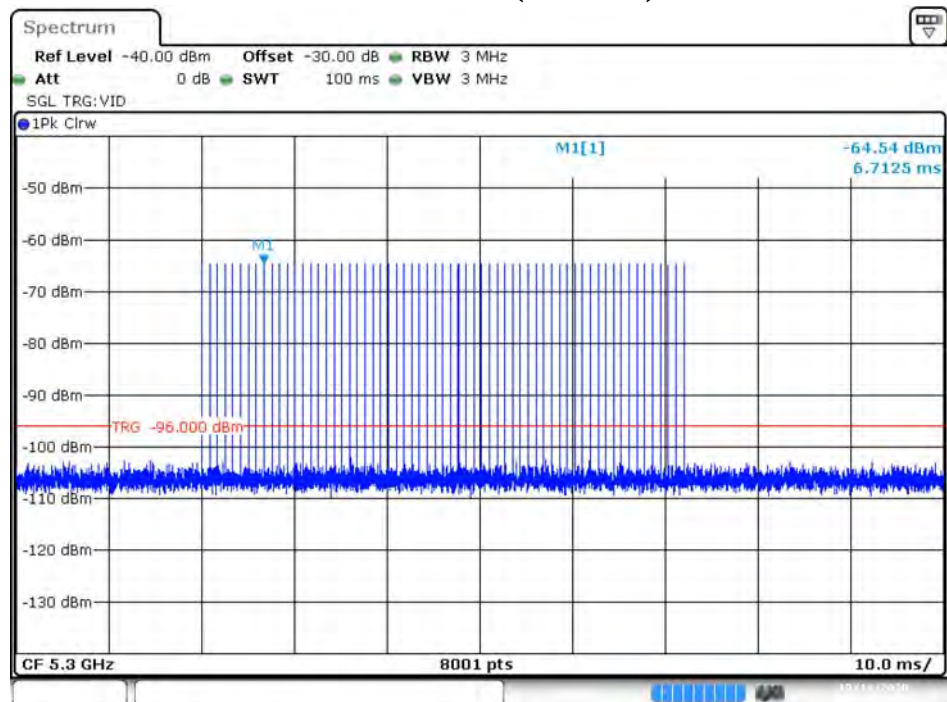
Radar Type 1-A

Calibration Plot (5290MHz)



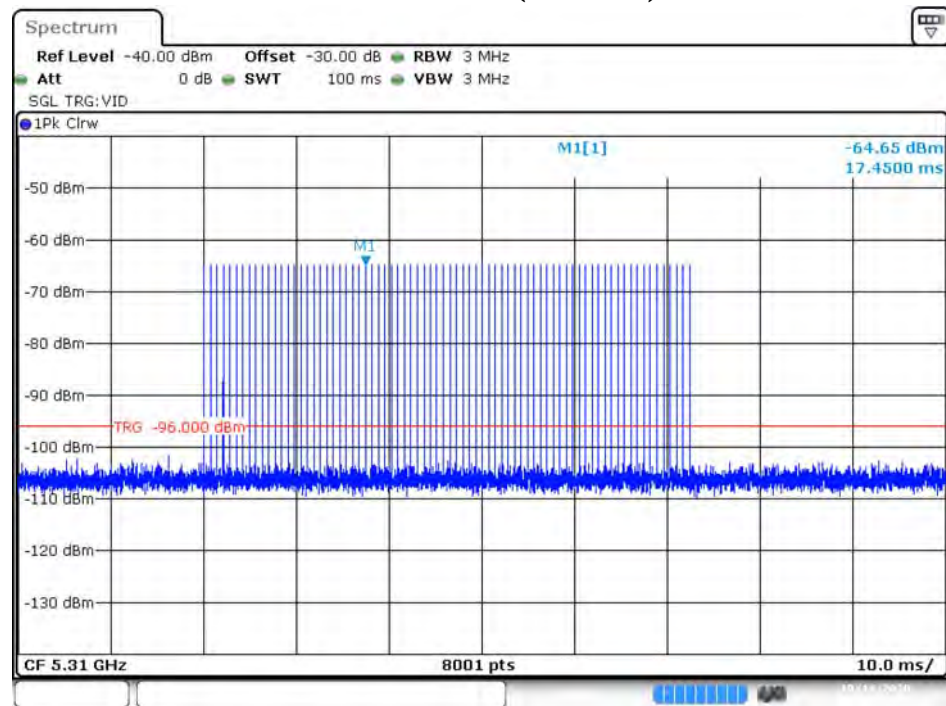
Date: 14.OCT.2020 21:50:22

Calibration Plot (5300MHz)



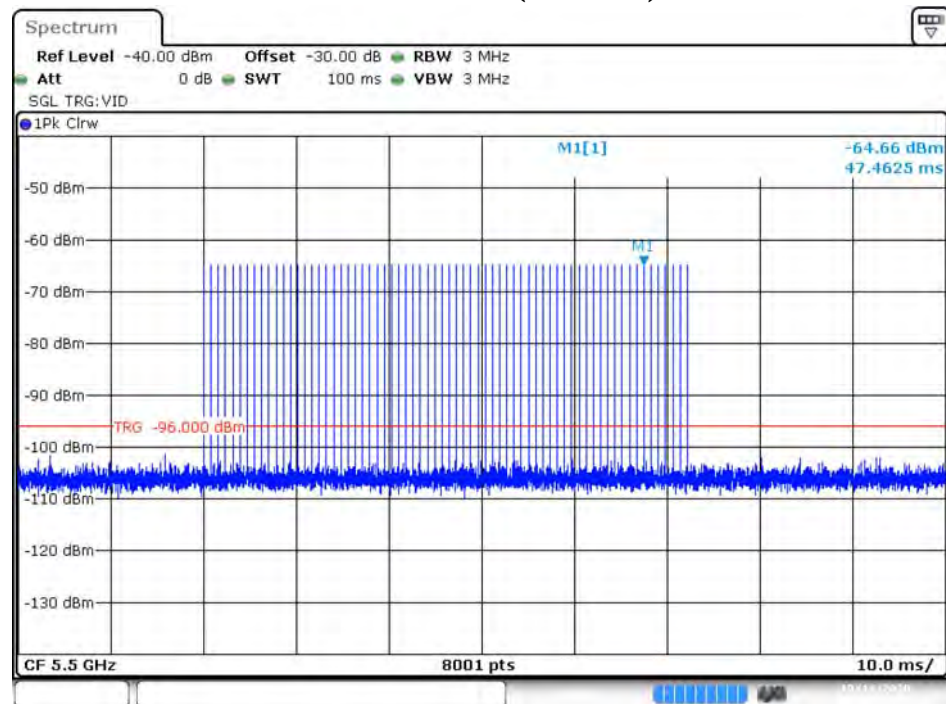
Date: 14.OCT.2020 21:49:00

Calibration Plot (5310MHz)



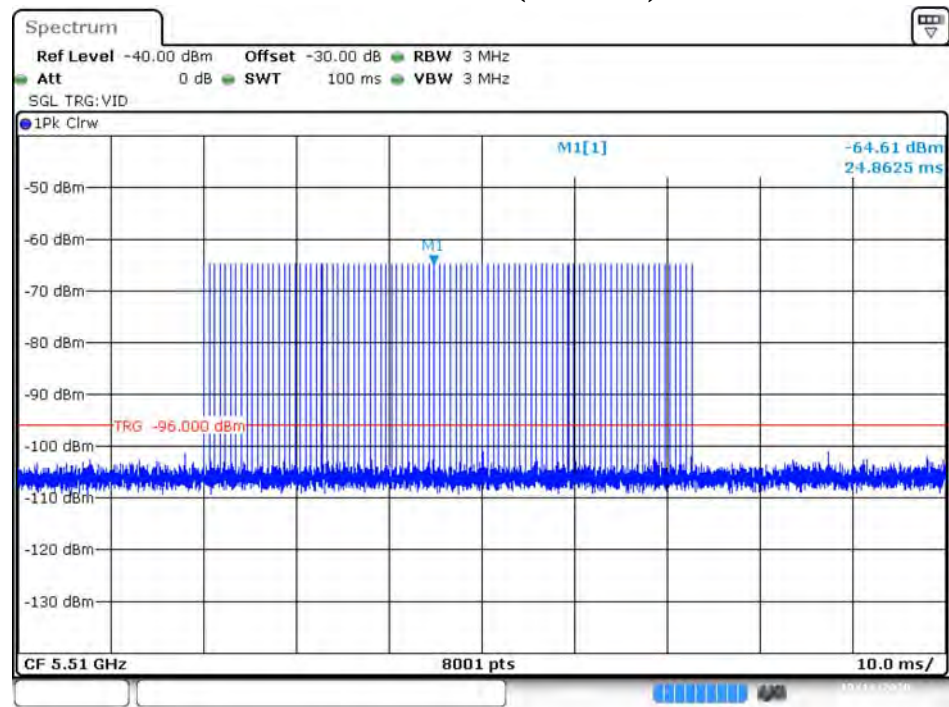
Date: 14.OCT.2020 21:48:23

Calibration Plot (5500MHz)



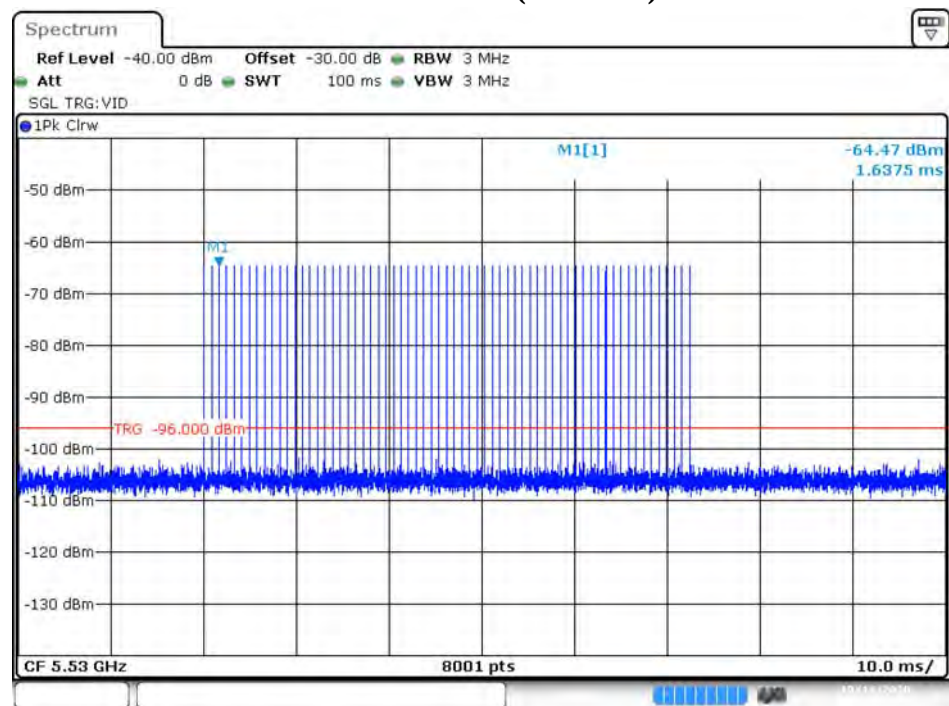
Date: 14.OCT.2020 21:46:53

Calibration Plot (5510MHz)



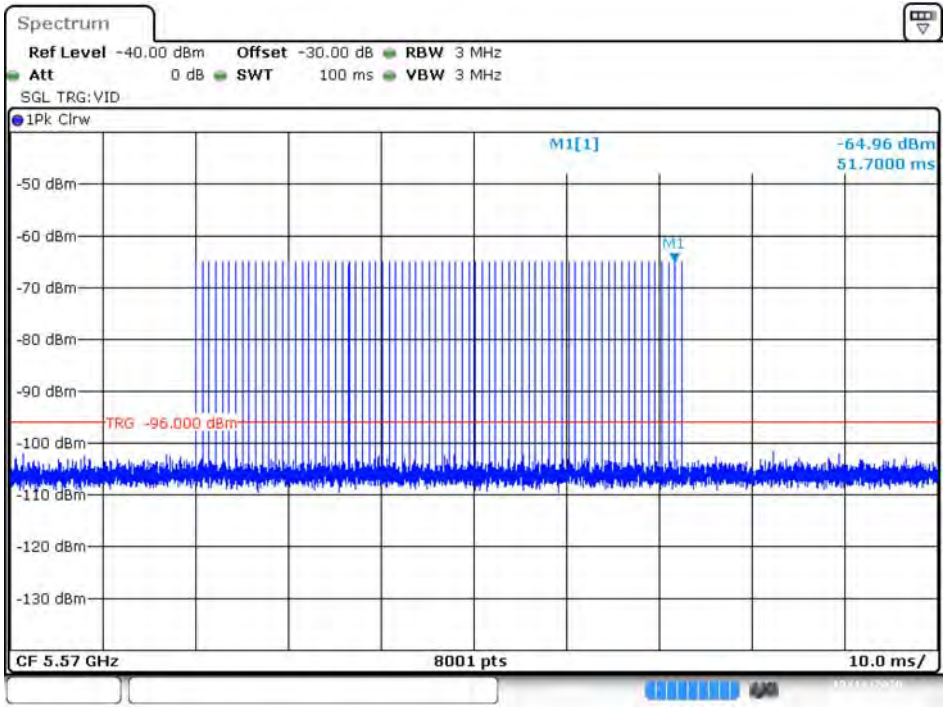
Date: 14.OCT.2020 21:46:07

Calibration Plot (5530MHz)



Date: 14.OCT.2020 21:44:48

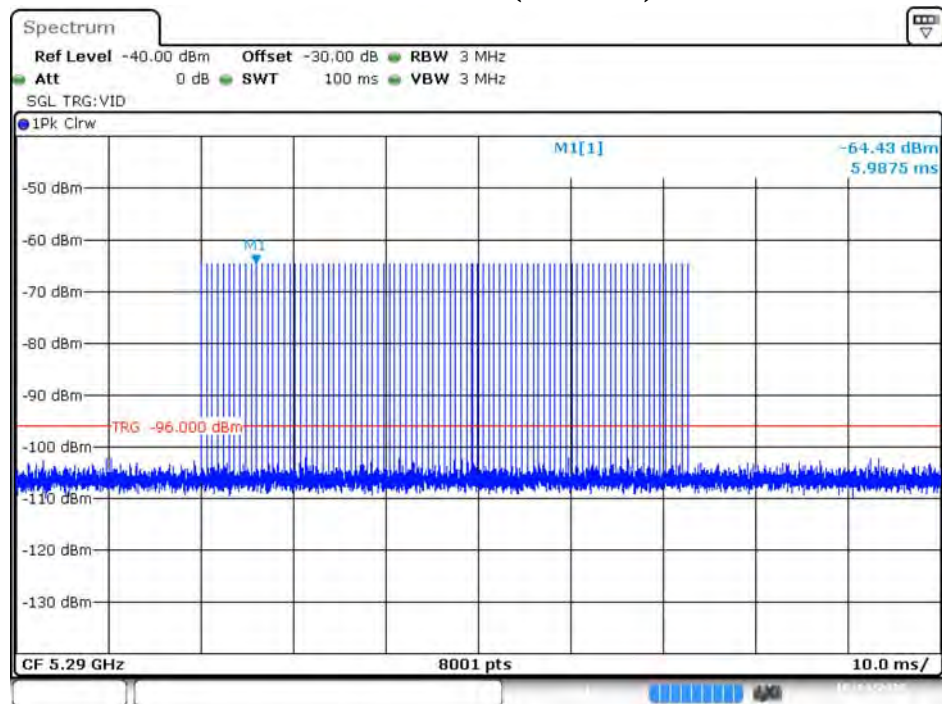
Calibration Plot (5570MHz)



Date: 14.OCT.2020 21:44:18

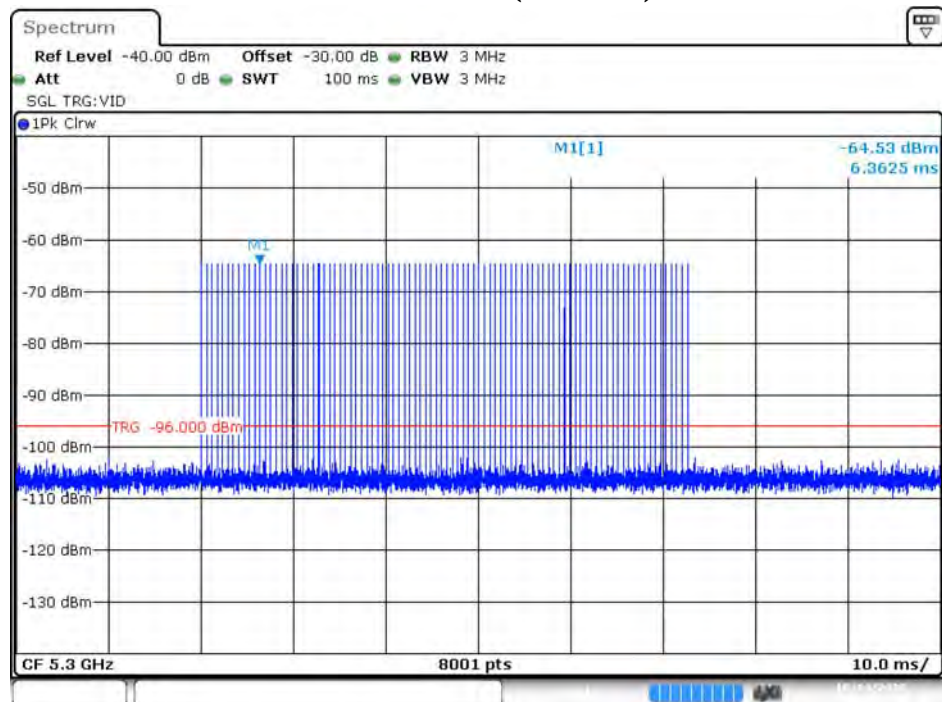
Radar Type 1-B

Calibration Plot (5290MHz)



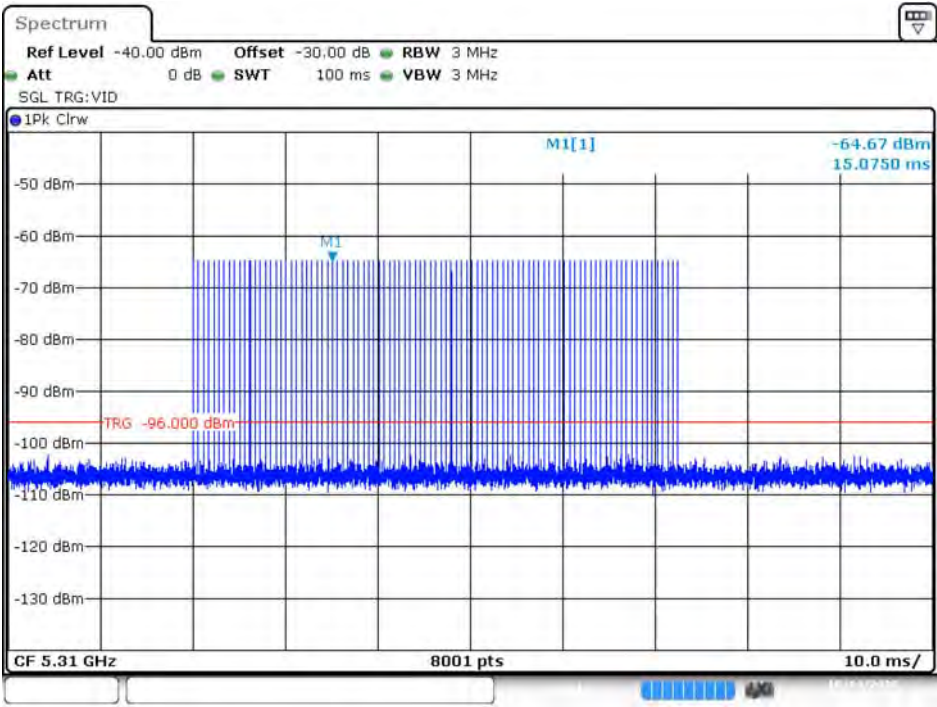
Date: 14.OCT.2020 21:49:54

Calibration Plot (5300MHz)



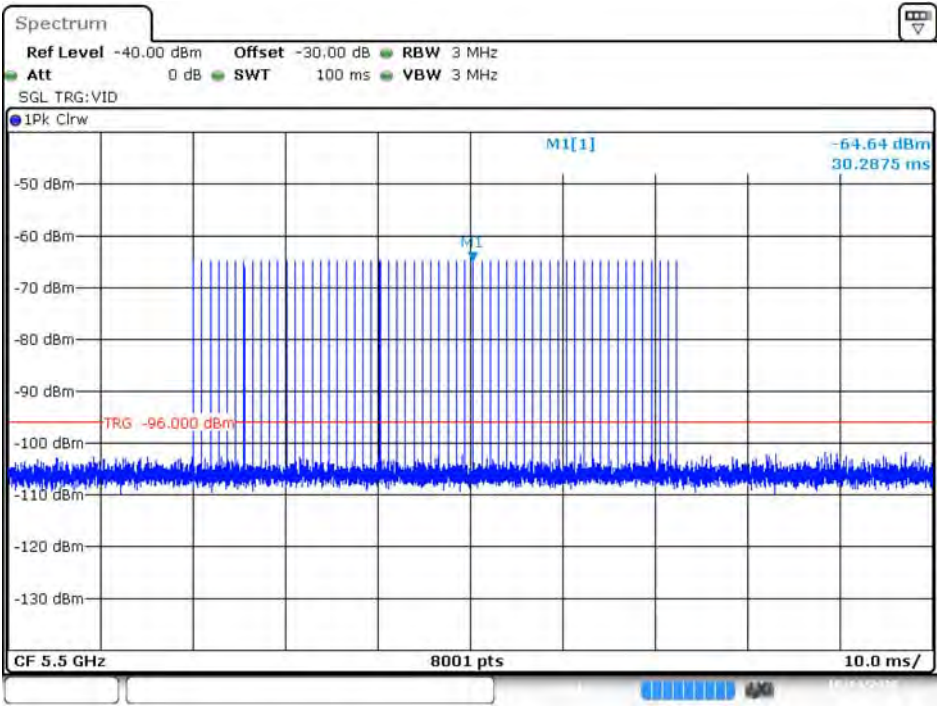
Date: 14.OCT.2020 21:49:20

Calibration Plot (5310MHz)



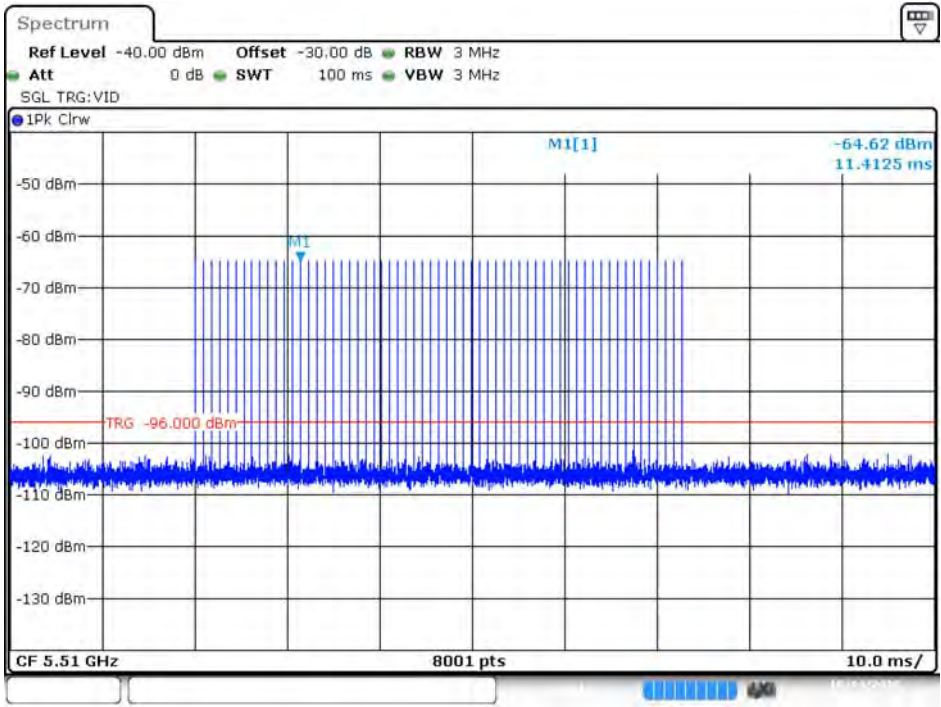
Date: 14.OCT.2020 21:47:57

Calibration Plot (5500MHz)



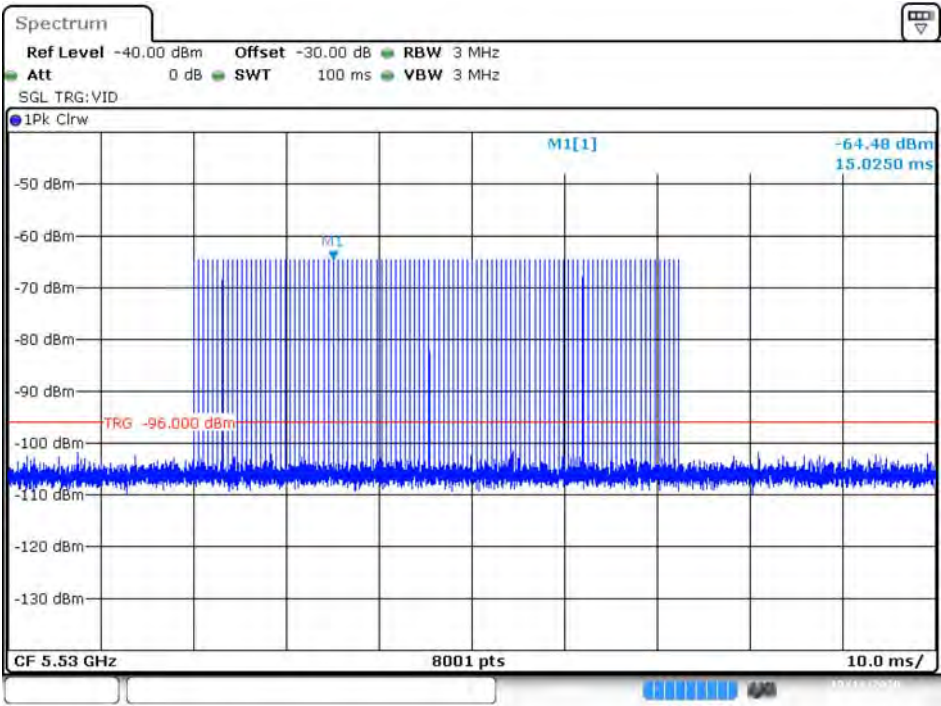
Date: 14.OCT.2020 21:47:14

Calibration Plot (5510MHz)



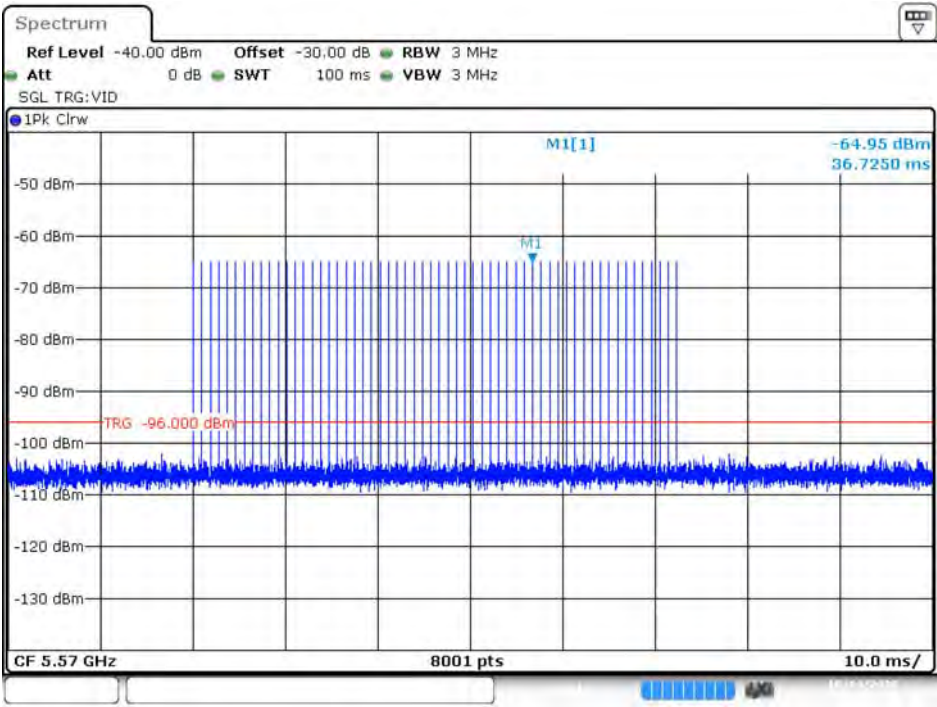
Date: 14.OCT.2020 21:45:45

Calibration Plot (5530MHz)



Date: 14.OCT.2020 21:45:07

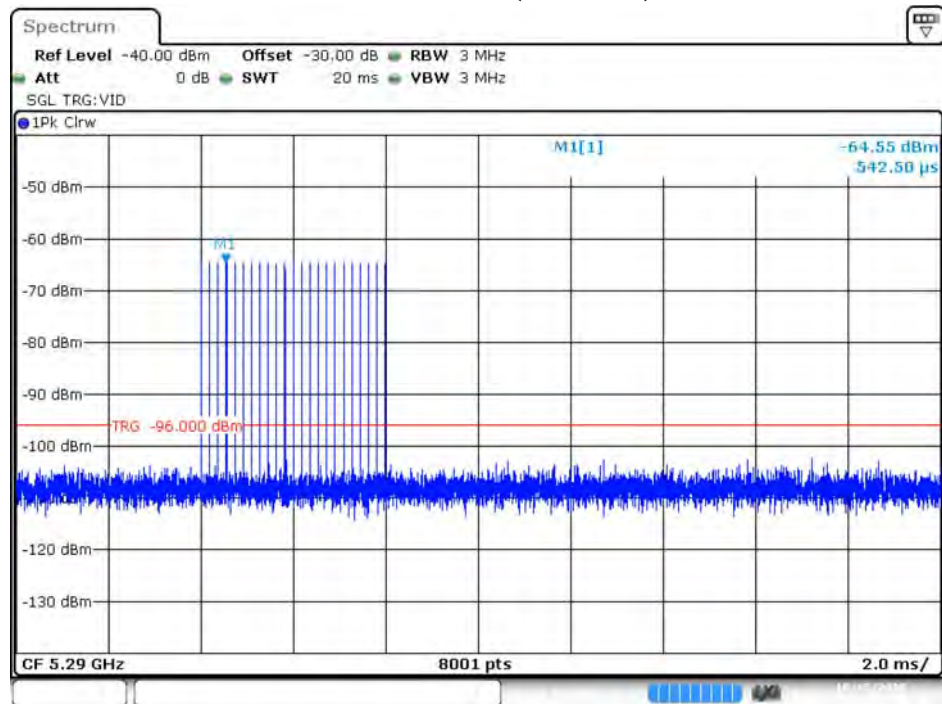
Calibration Plot (5570MHz)



Date: 14.OCT.2020 21:43:56

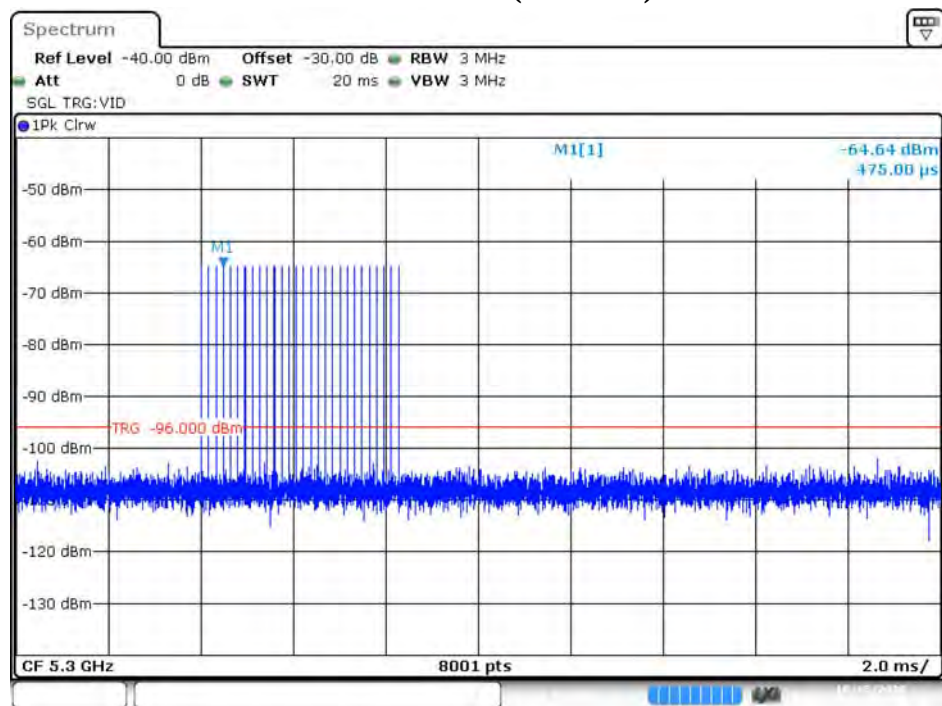
Radar Type 2

Calibration Plot (5290MHz)



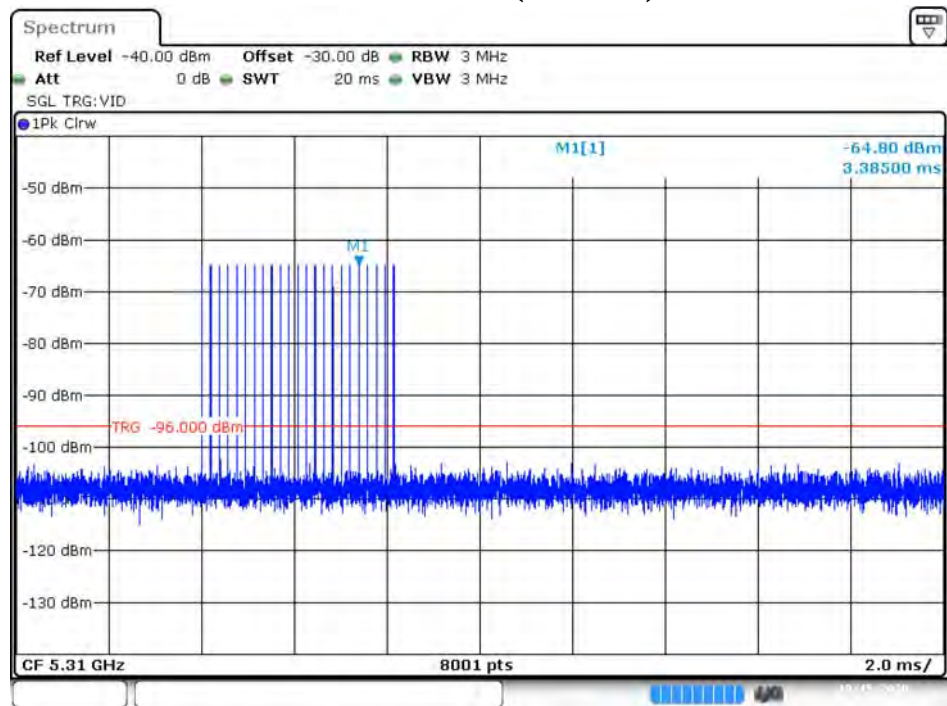
Date: 15.OCT.2020 09:42:39

Calibration Plot (5300MHz)



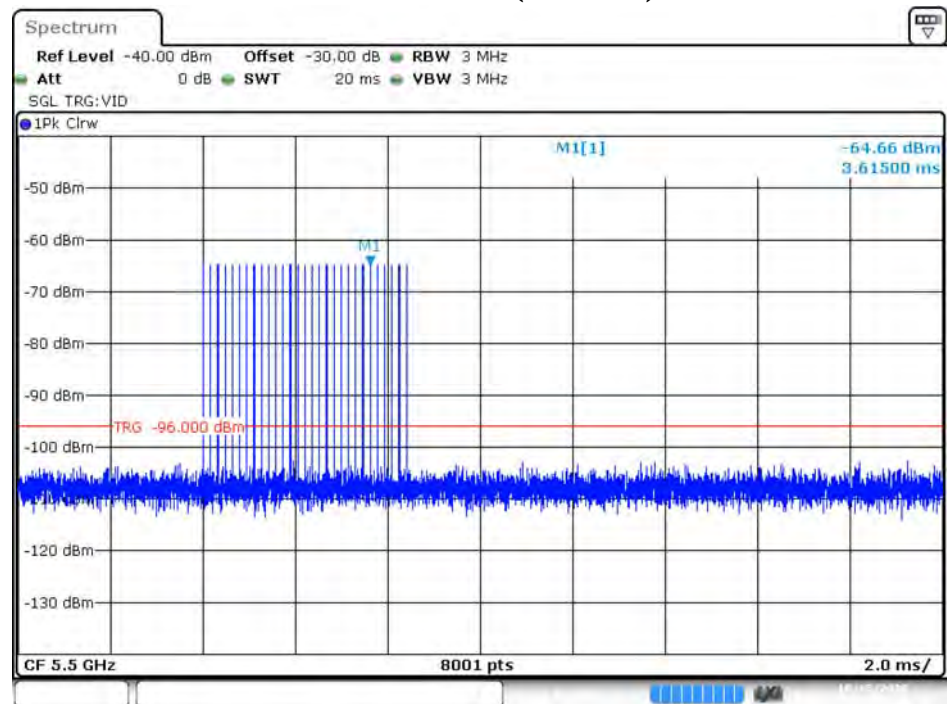
Date: 15.OCT.2020 09:43:18

Calibration Plot (5310MHz)



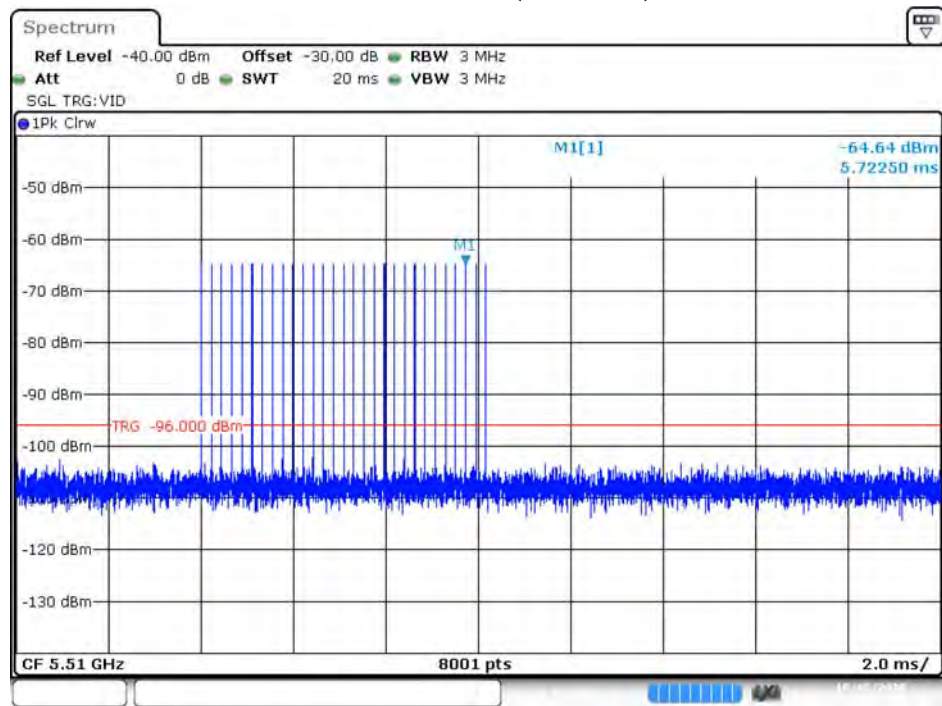
Date: 15.OCT.2020 09:43:46

Calibration Plot (5500MHz)



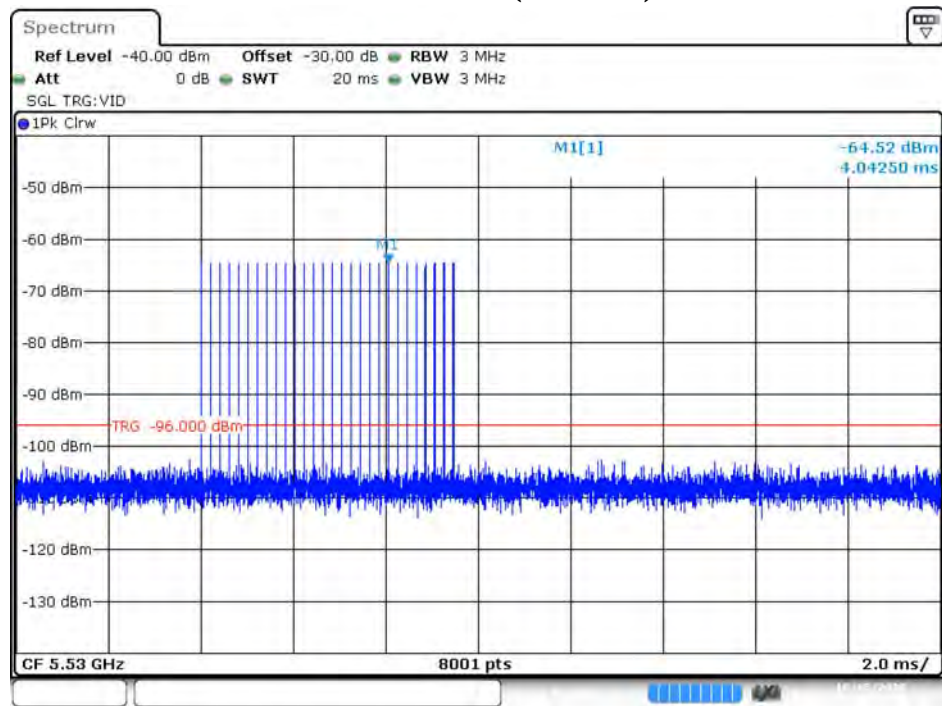
Date: 15.OCT.2020 09:44:40

Calibration Plot (5510MHz)



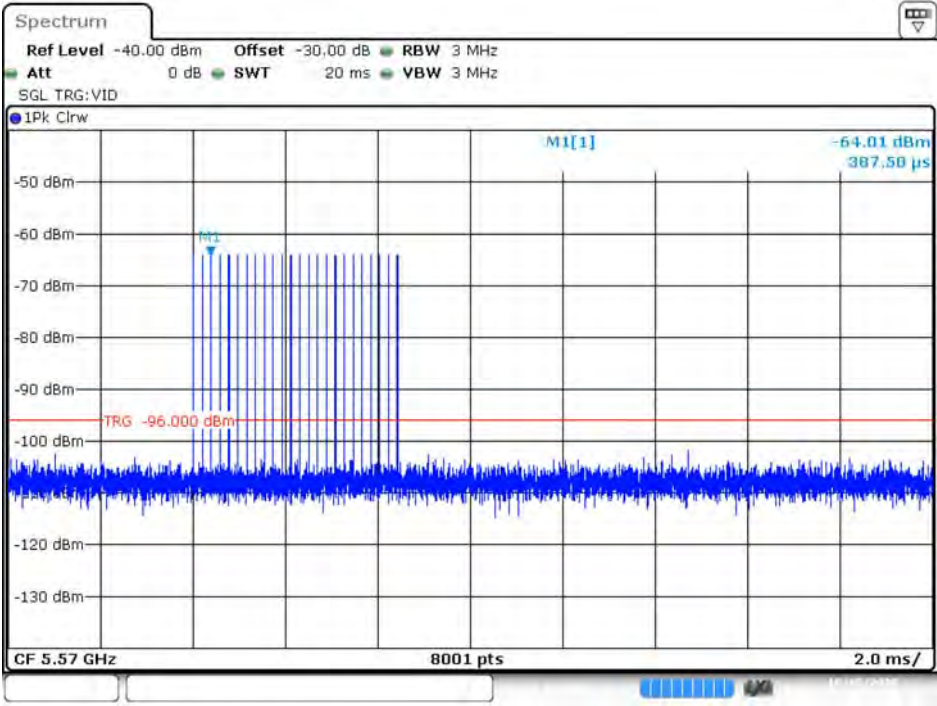
Date: 15.OCT.2020 09:45:27

Calibration Plot (5530MHz)



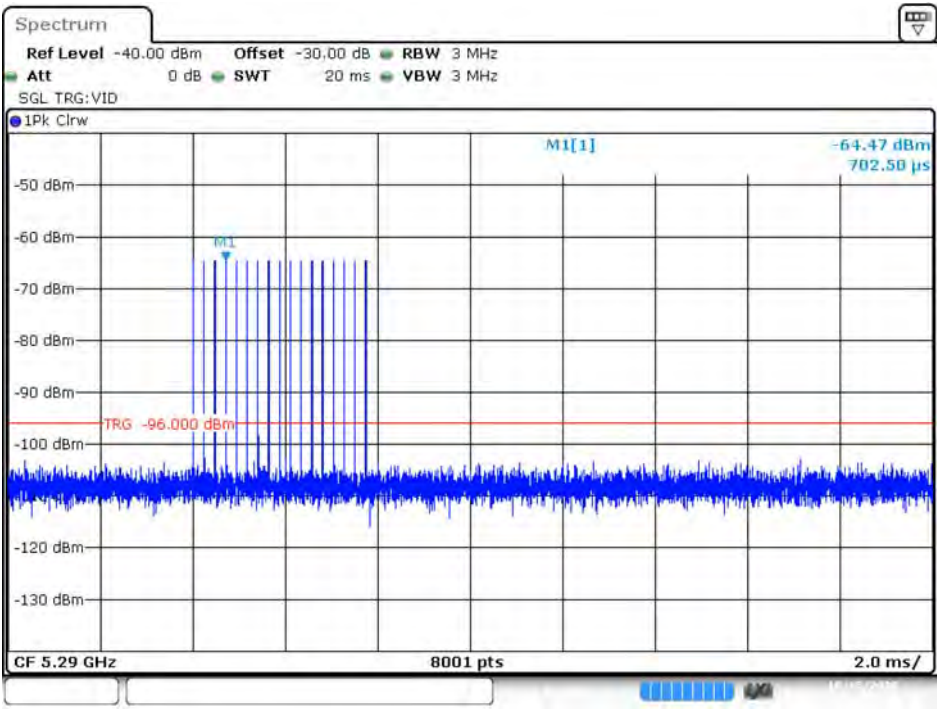
Date: 15.OCT.2020 09:46:08

Calibration Plot (5570MHz)



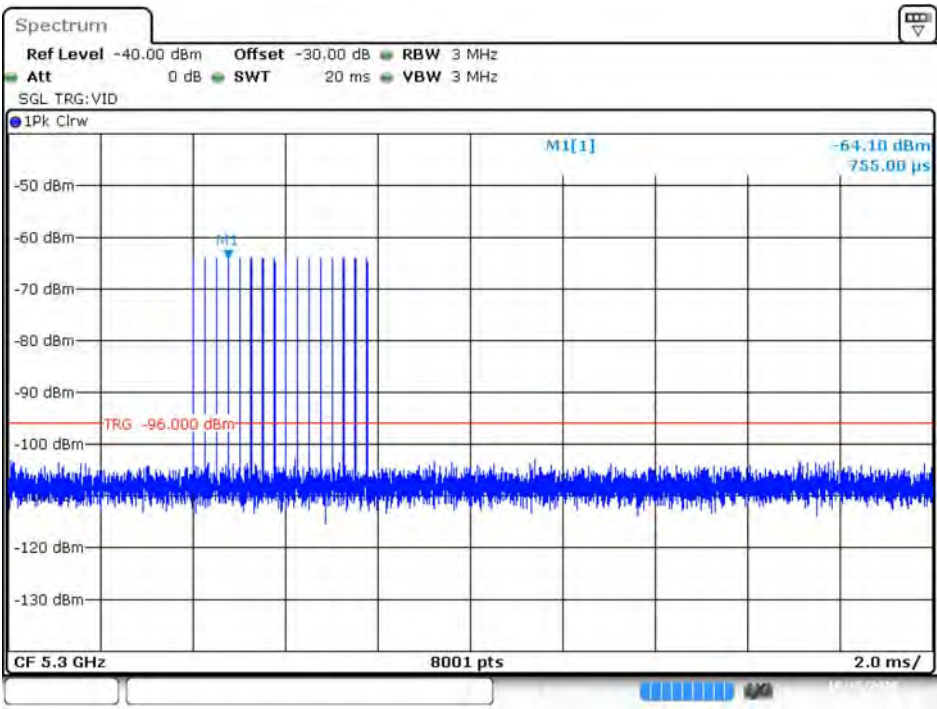
Date: 15.OCT.2020 09:46:50

Radar Type 3
Calibration Plot (5290MHz)



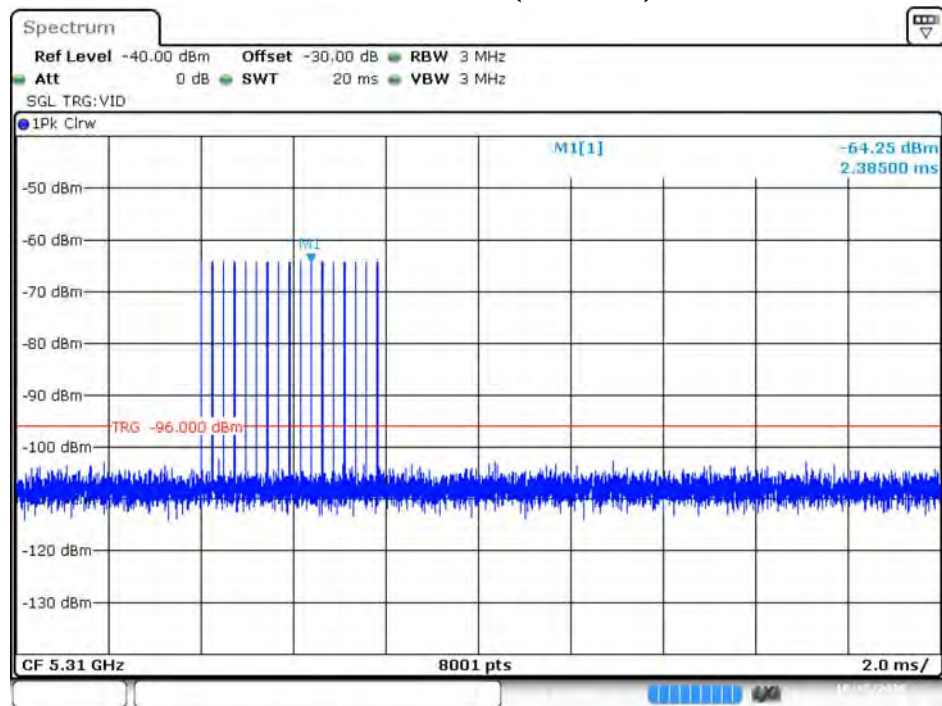
Date: 15.OCT.2020 09:59:42

Calibration Plot (5300MHz)



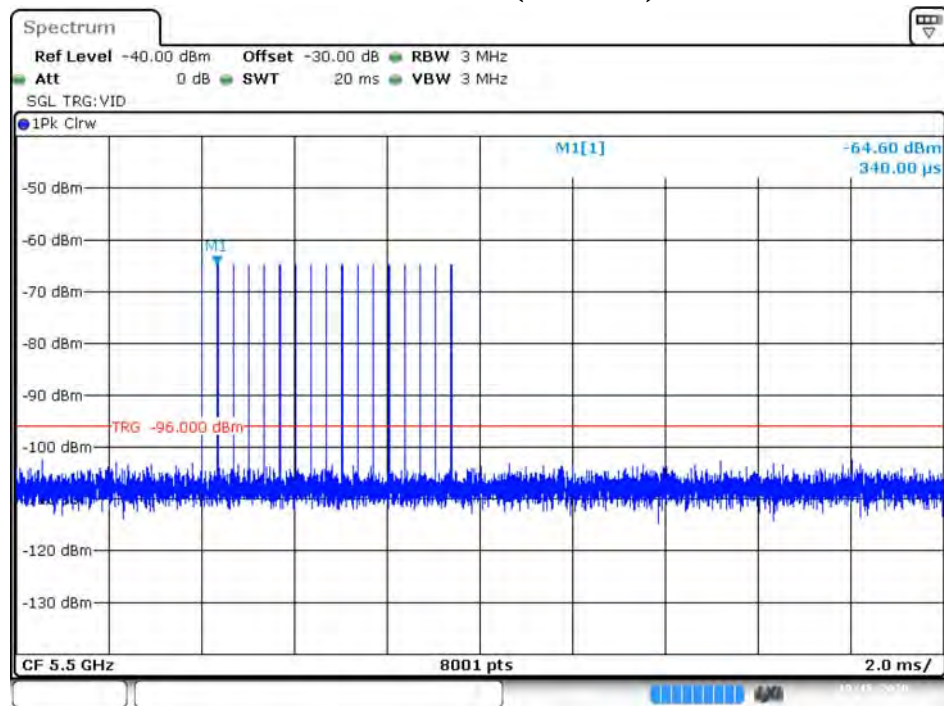
Date: 15.OCT.2020 09:59:01

Calibration Plot (5310MHz)



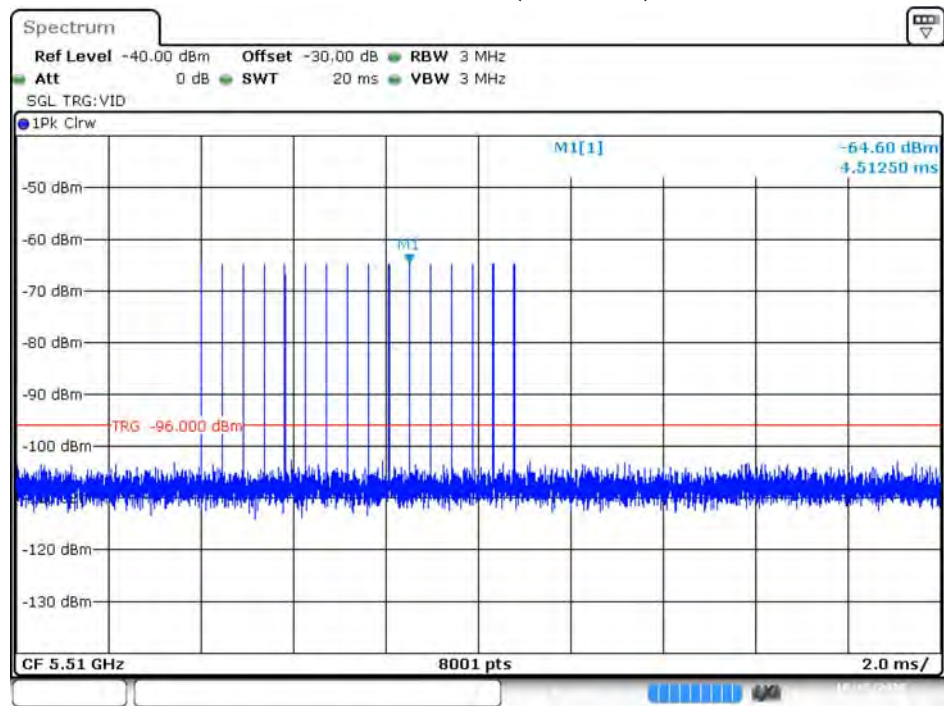
Date: 15.OCT.2020 09:58:22

Calibration Plot (5500MHz)



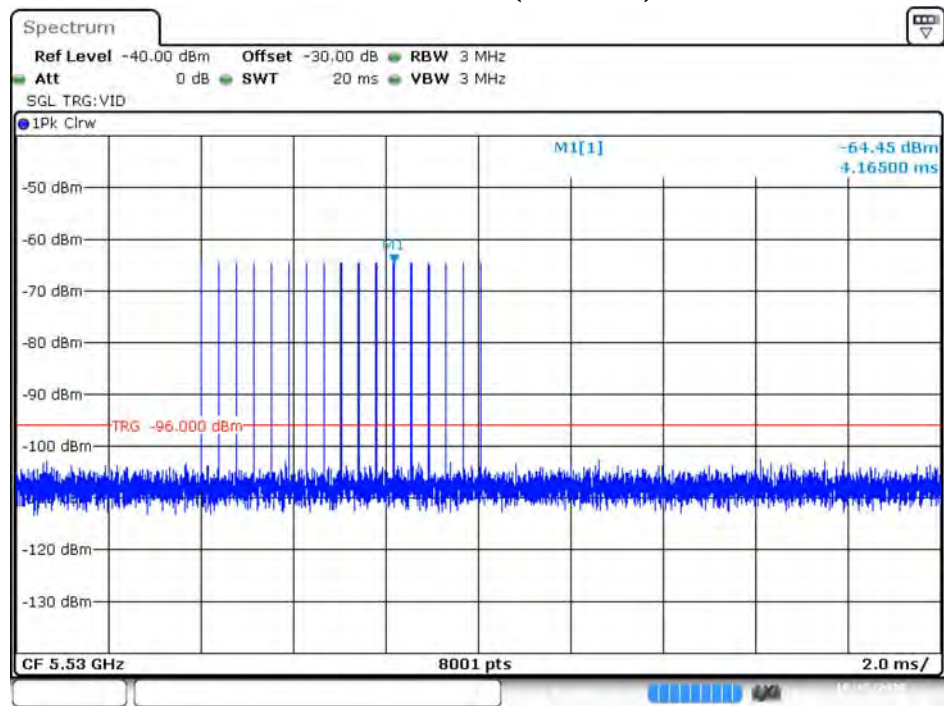
Date: 15.OCT.2020 09:57:43

Calibration Plot (5510MHz)



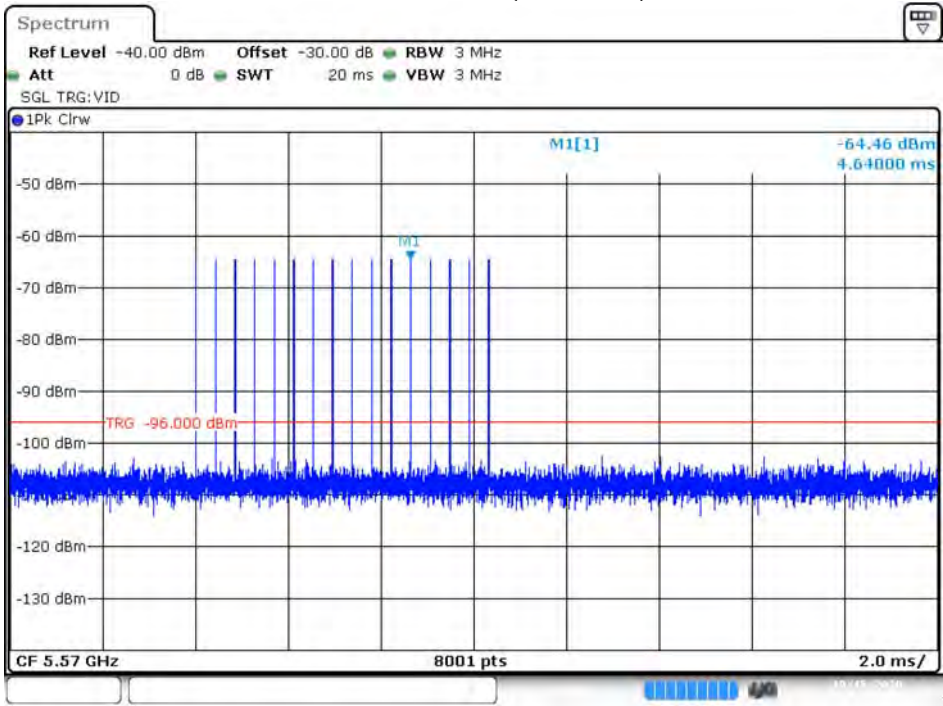
Date: 15.OCT.2020 09:56:53

Calibration Plot (5530MHz)



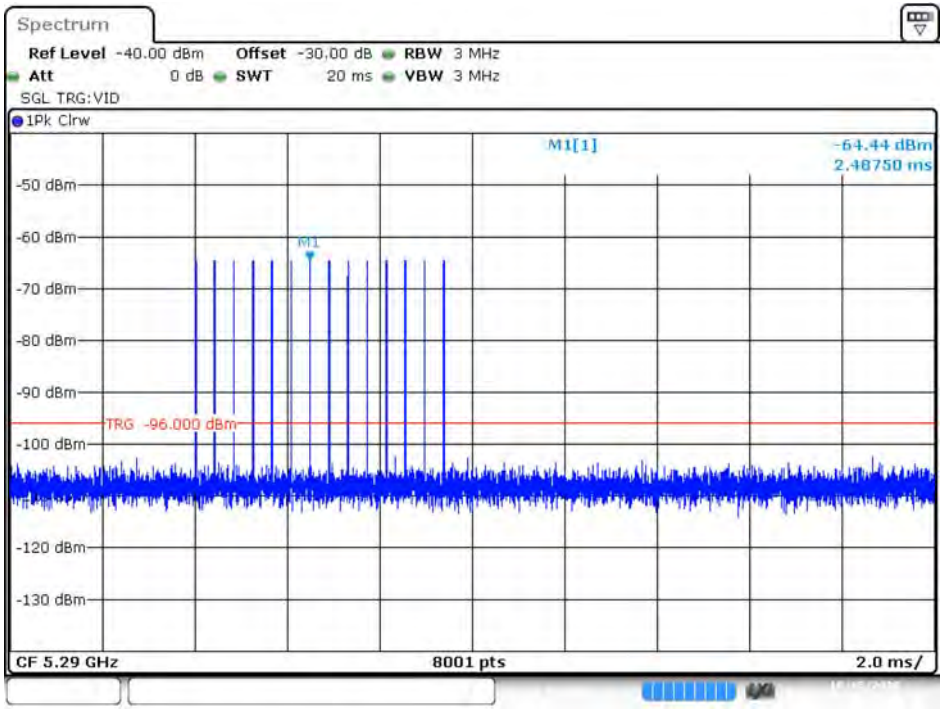
Date: 15.OCT.2020 09:57:21

Calibration Plot (5570MHz)



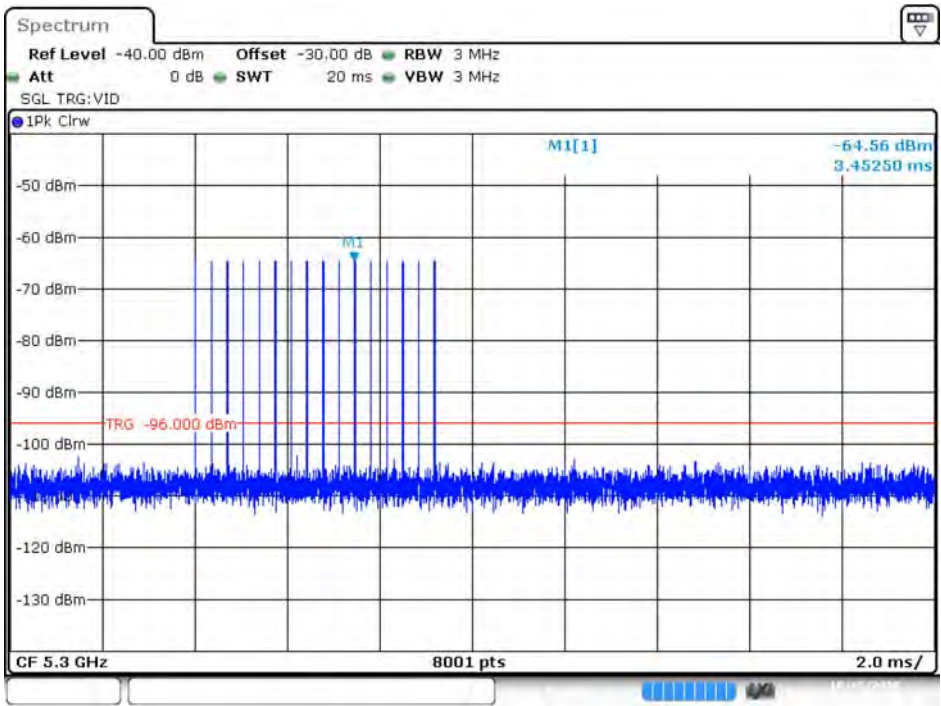
Date: 15.OCT.2020 09:55:47

Radar Type 4
Calibration Plot (5290MHz)



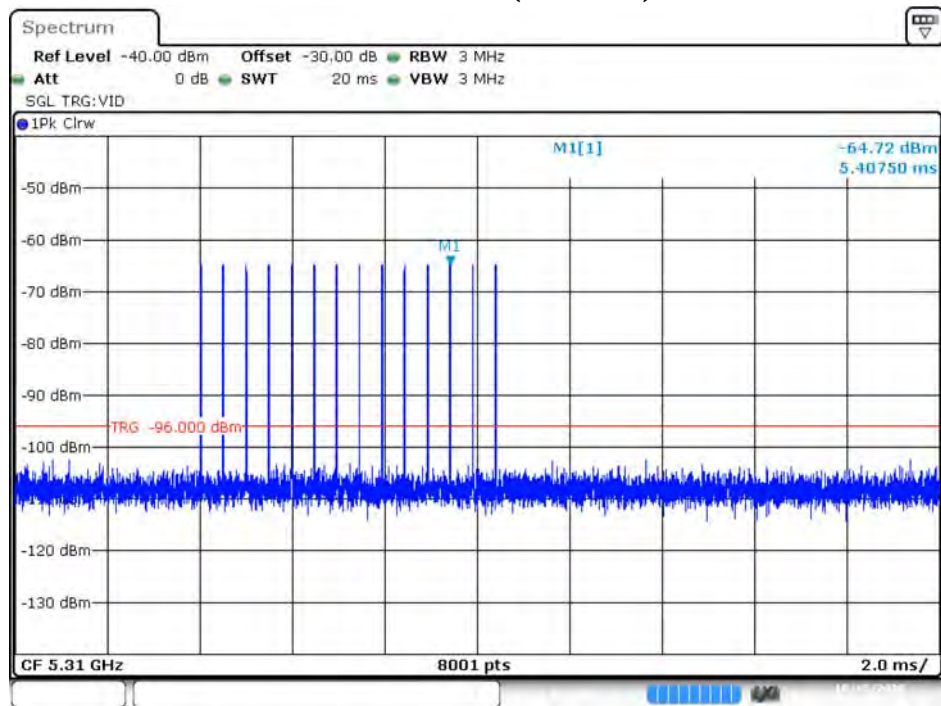
Date: 15.OCT.2020 10:19:18

Calibration Plot (5300MHz)



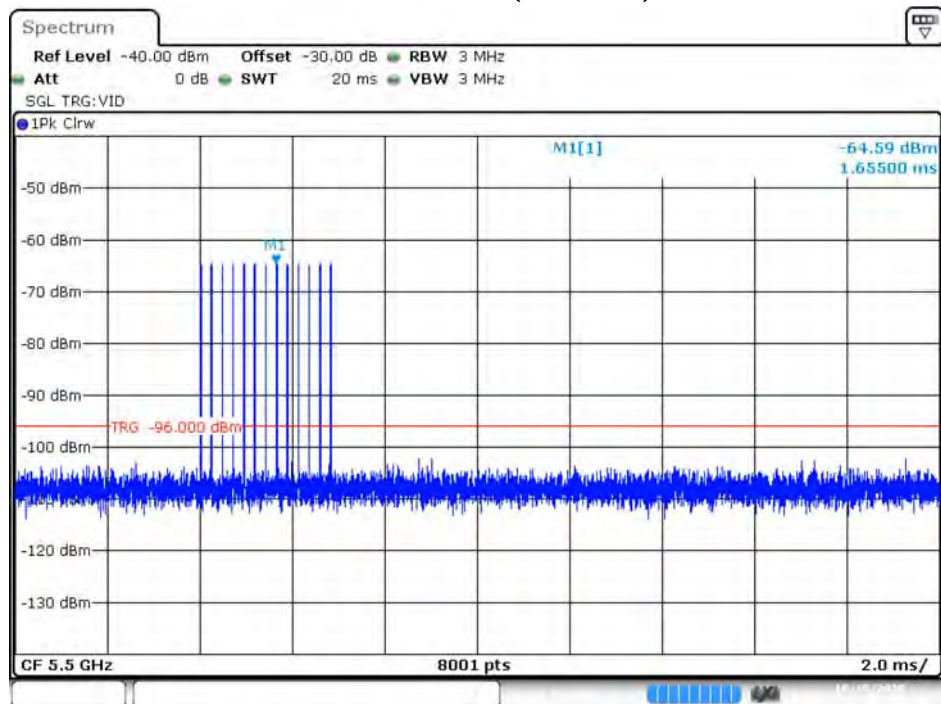
Date: 15.OCT.2020 10:19:46

Calibration Plot (5310MHz)



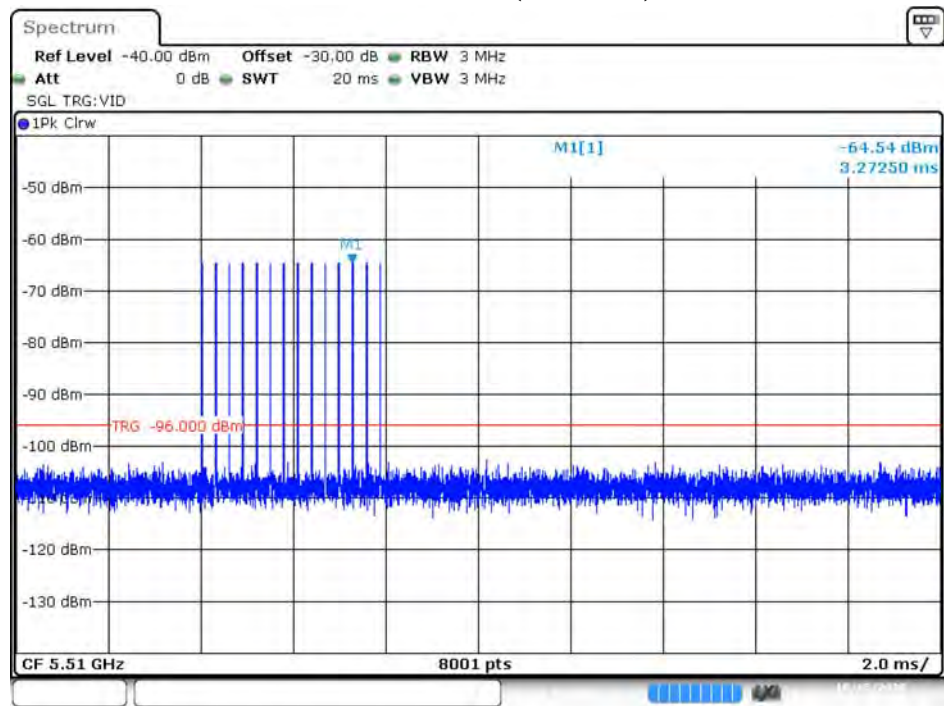
Date: 15.OCT.2020 10:20:15

Calibration Plot (5500MHz)



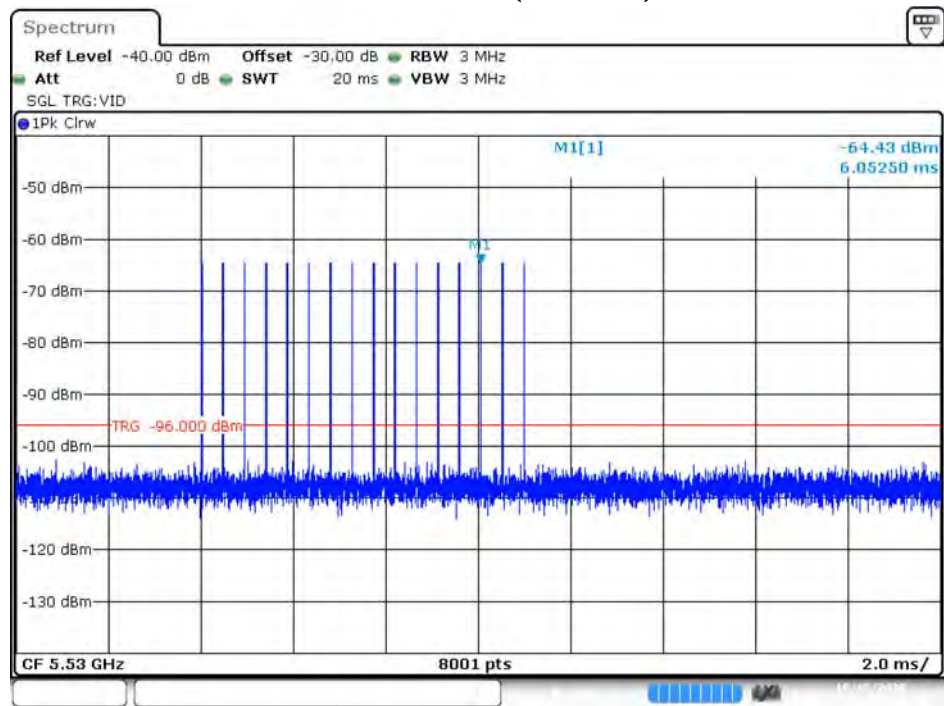
Date: 15.OCT.2020 10:20:52

Calibration Plot (5510MHz)



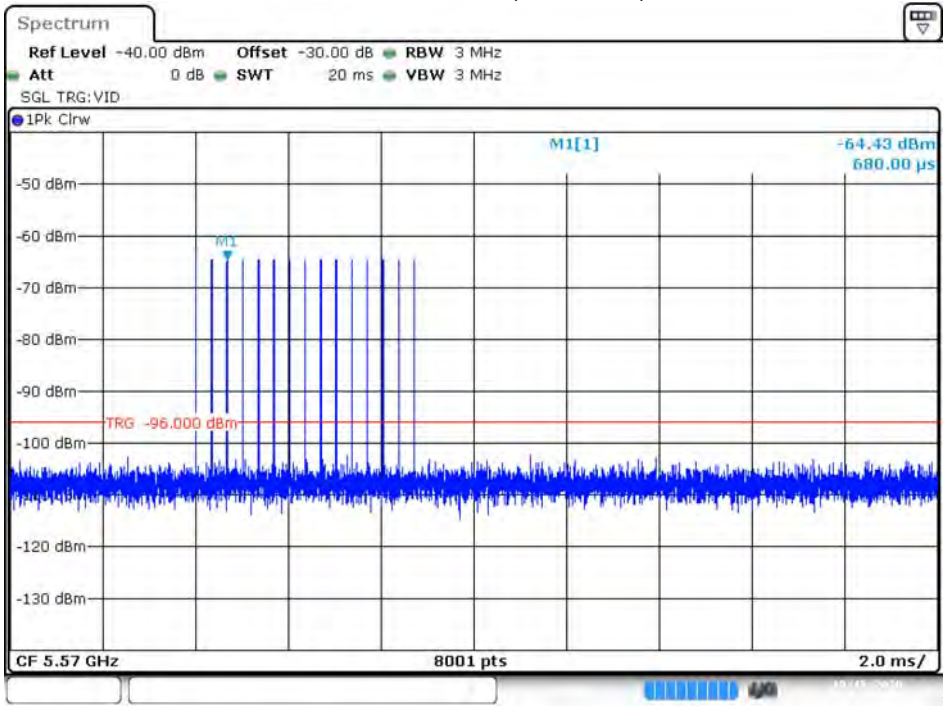
Date: 15.OCT.2020 10:21:18

Calibration Plot (5530MHz)



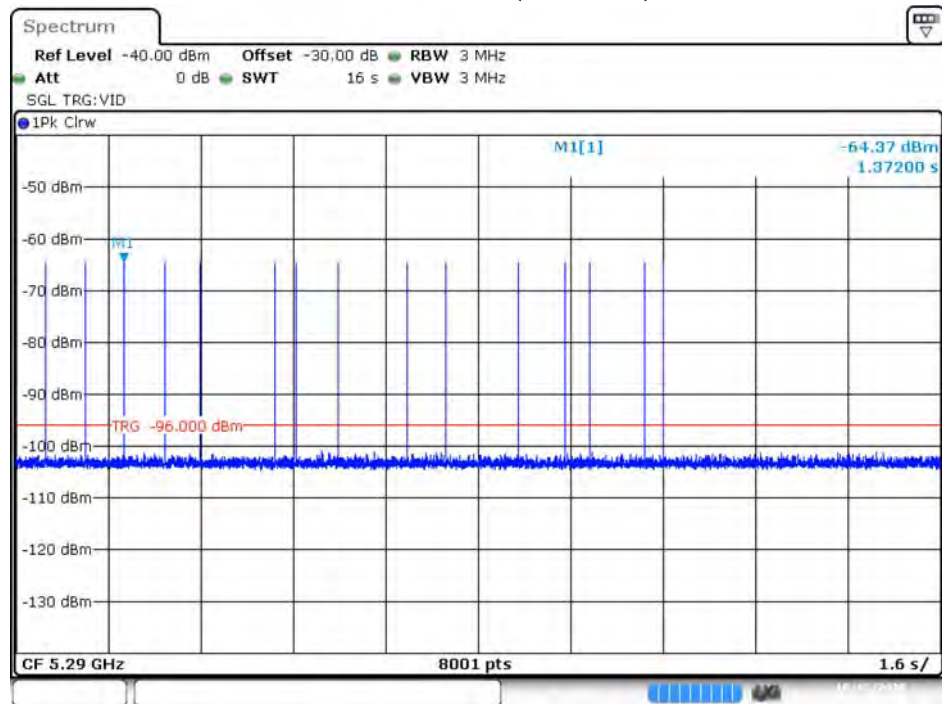
Date: 15.OCT.2020 10:21:42

Calibration Plot (5570MHz)



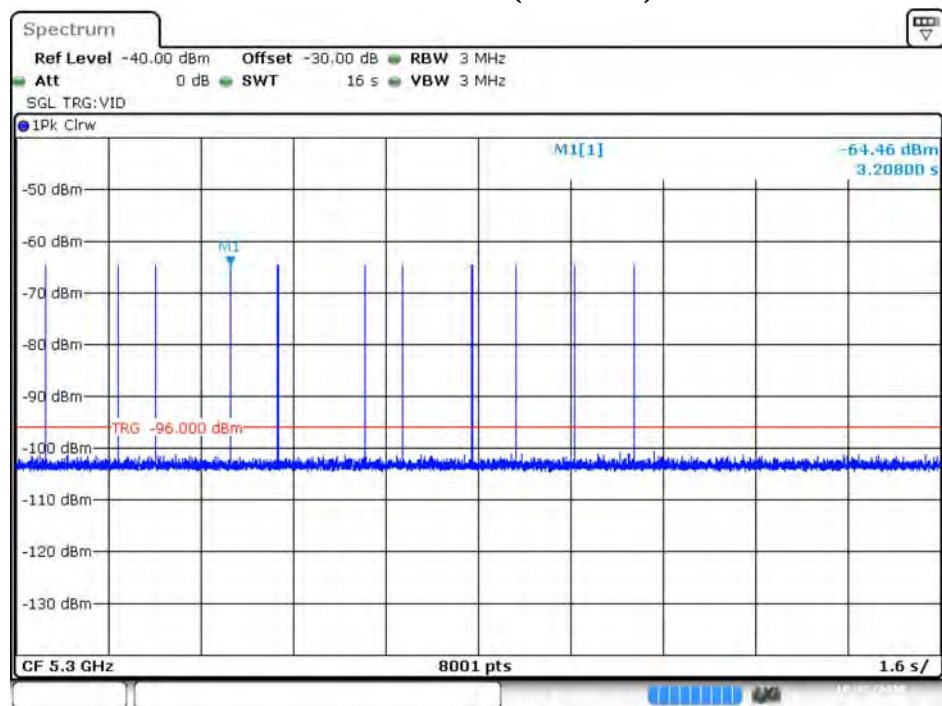
Date: 15.OCT.2020 10:22:11

Radar Type 5 Calibration Plot (5290MHz)



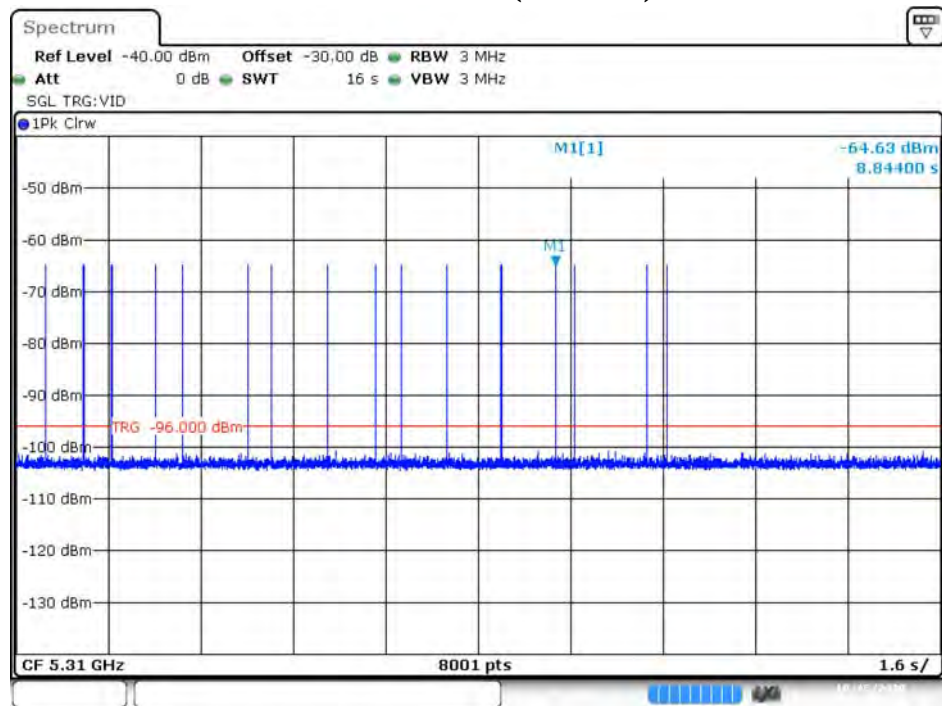
Date: 15.OCT.2020 11:13:16

Calibration Plot (5300MHz)



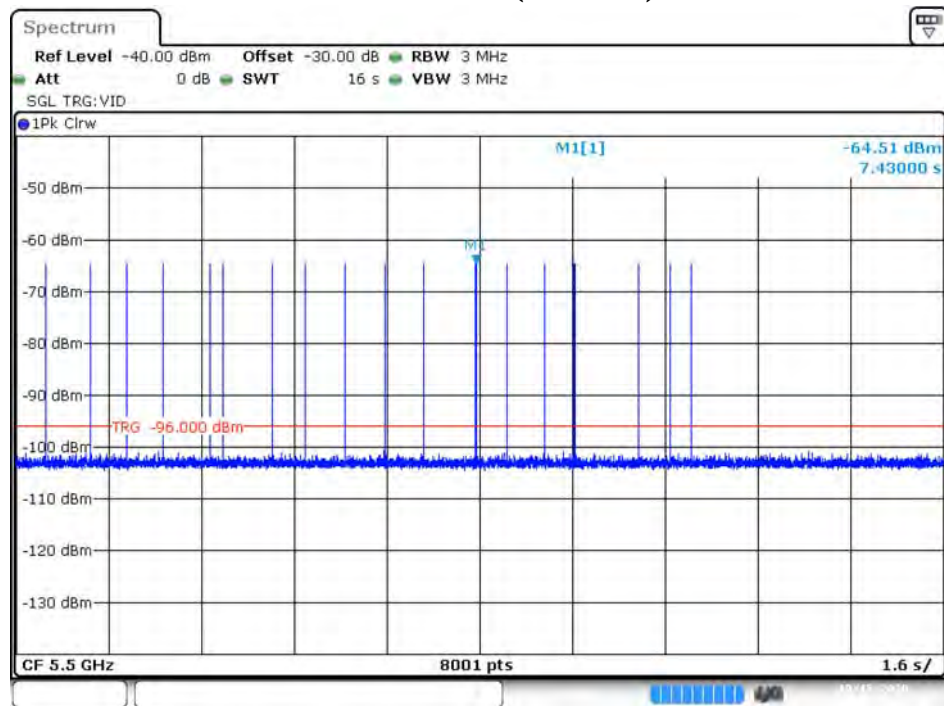
Date: 15.OCT.2020 11:14:59

Calibration Plot (5310MHz)



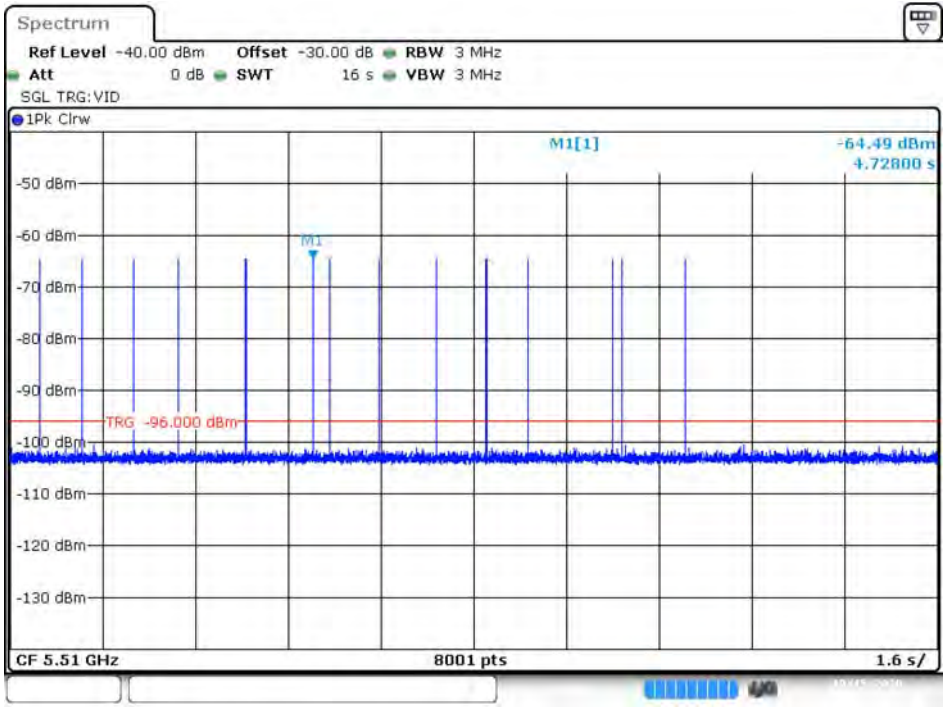
Date: 15.OCT.2020 11:16:09

Calibration Plot (5500MHz)



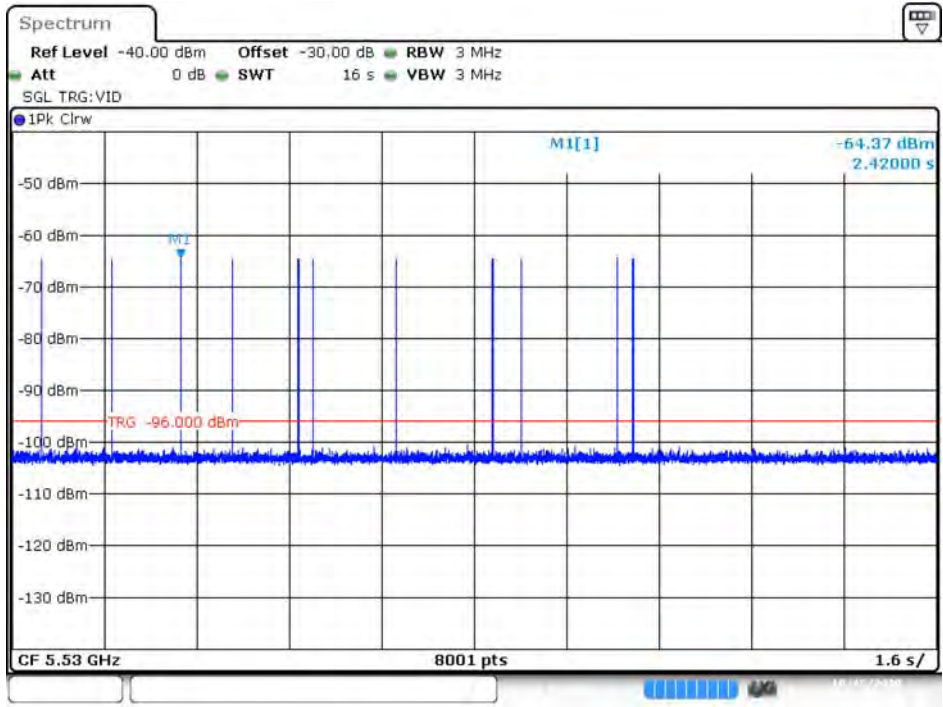
Date: 15.OCT.2020 11:16:59

Calibration Plot (5510MHz)



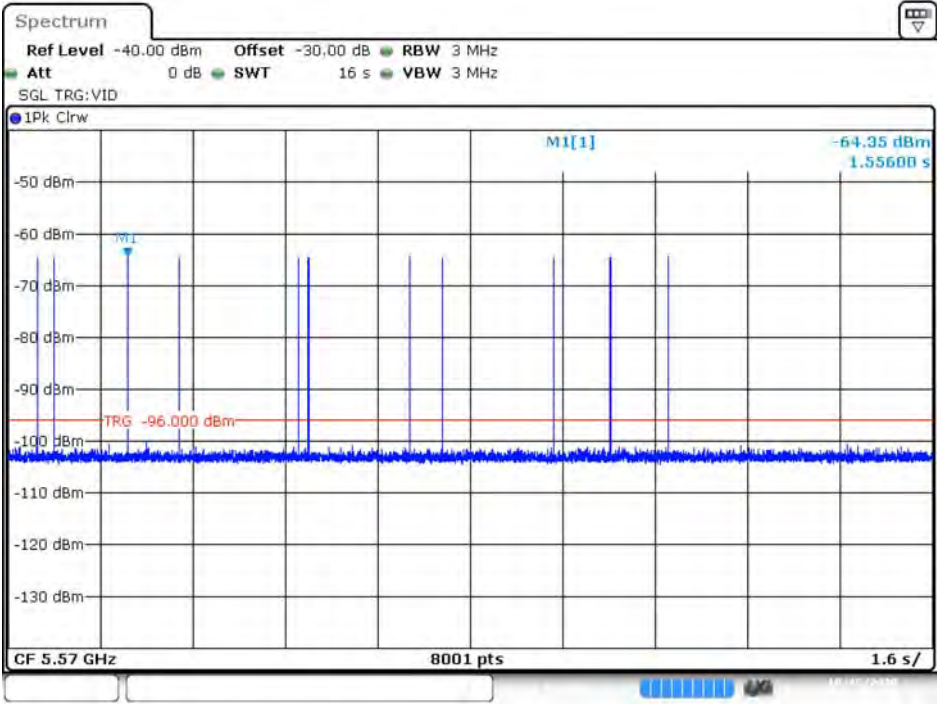
Date: 15.OCT.2020 11:20:46

Calibration Plot (5530MHz)



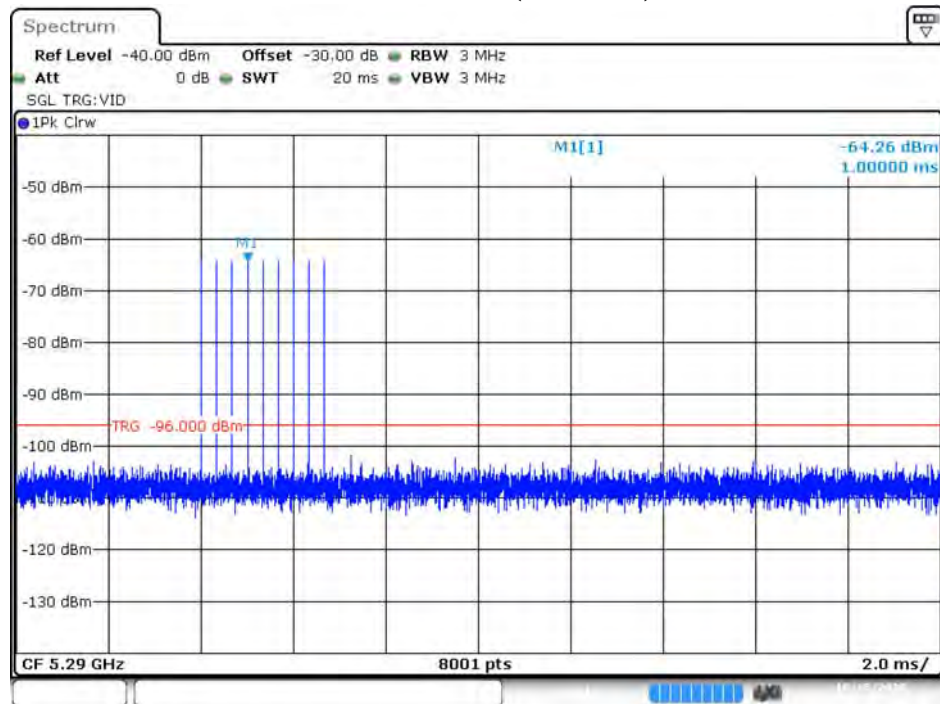
Date: 15.OCT.2020 11:22:05

Calibration Plot (5570MHz)



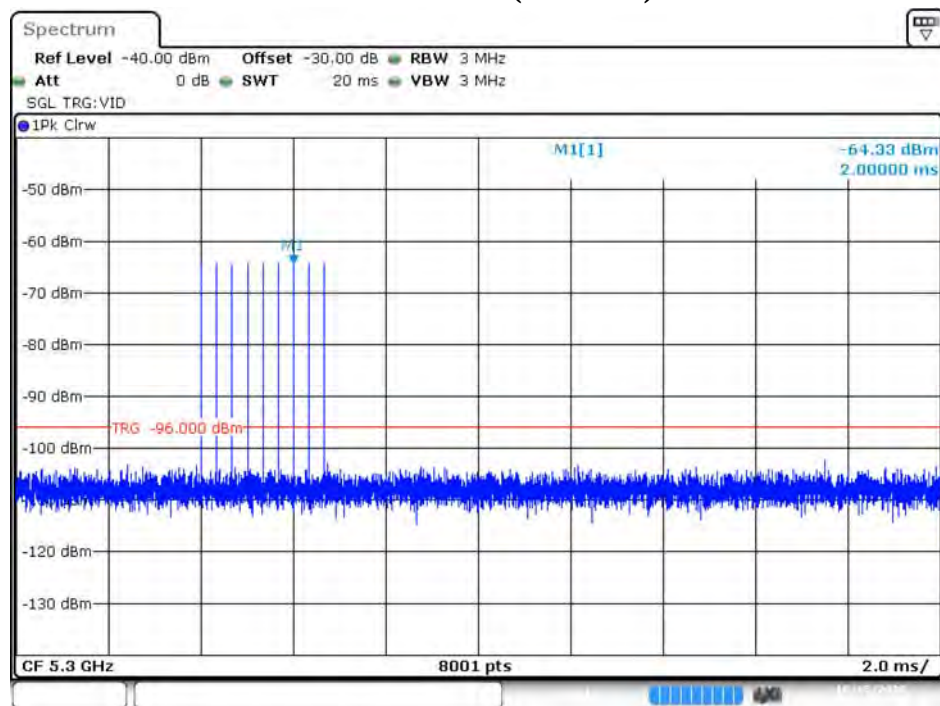
Date: 15.OCT.2020 11:24:15

Radar Type 6 Calibration Plot (5290MHz)



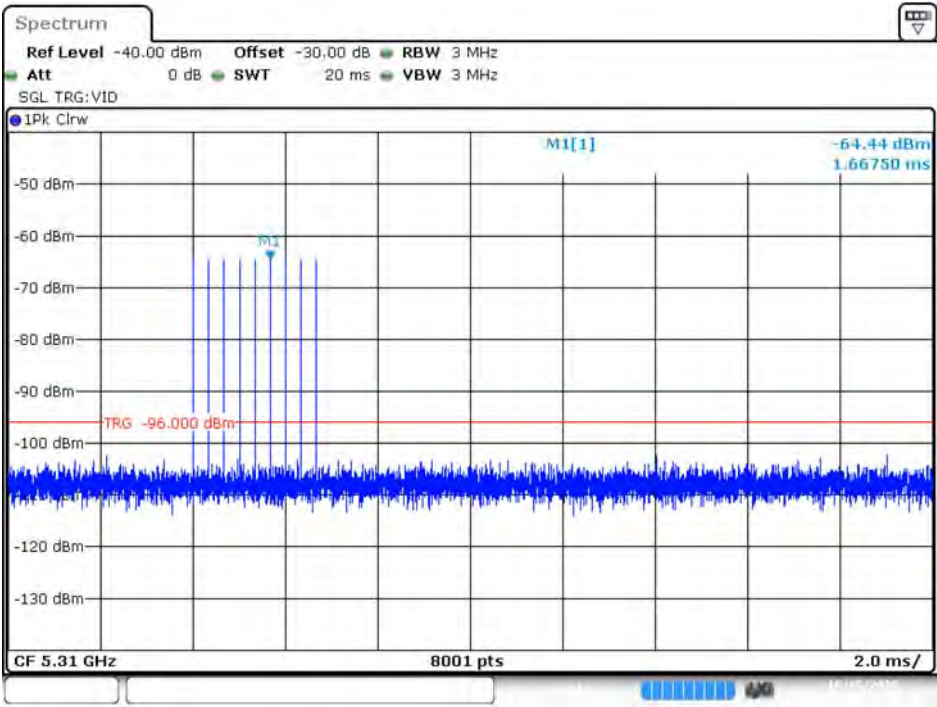
Date: 15.OCT.2020 14:09:50

Calibration Plot (5300MHz)



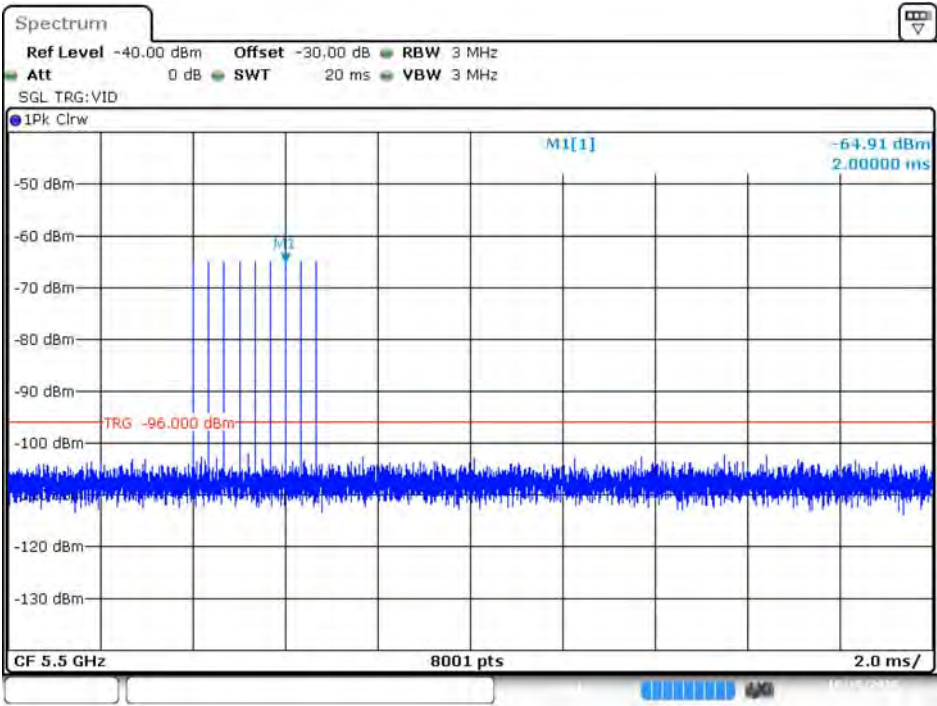
Date: 15.OCT.2020 14:08:02

Calibration Plot (5310MHz)



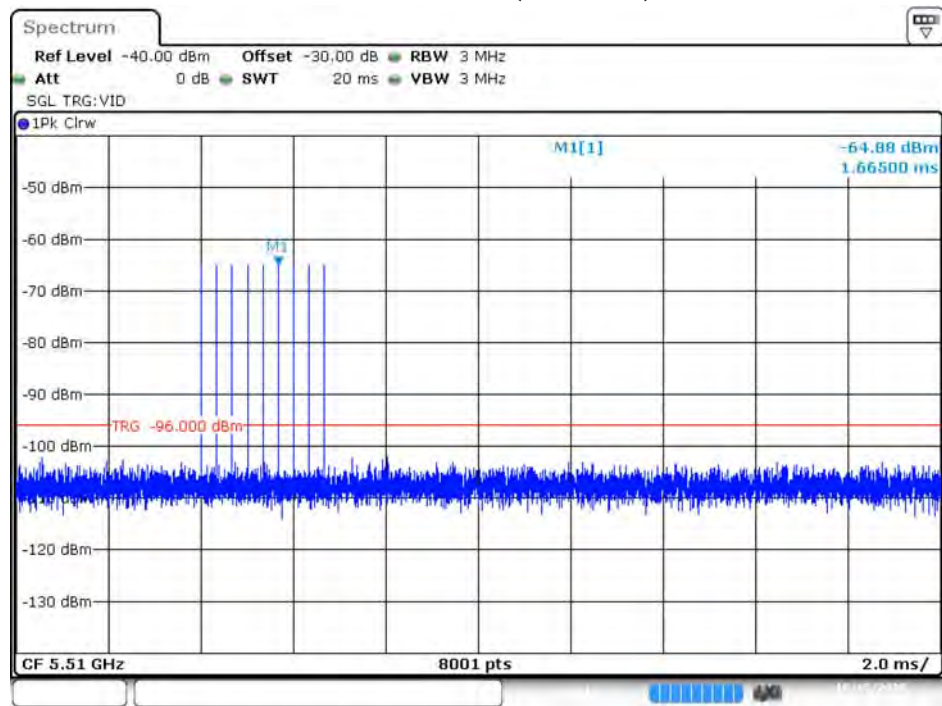
Date: 15.OCT.2020 14:07:34

Calibration Plot (5500MHz)



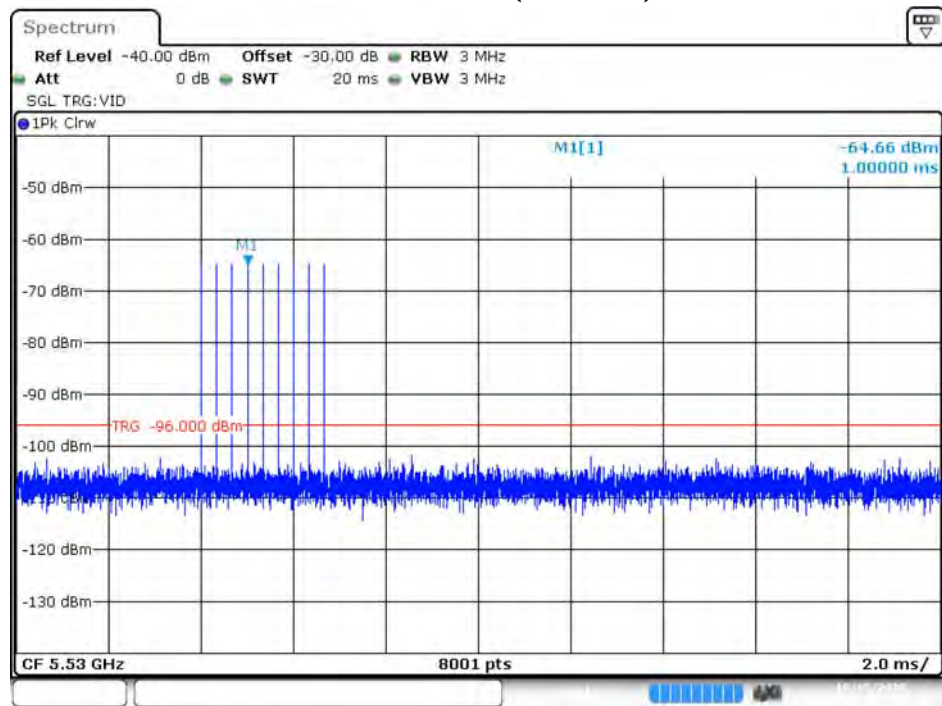
Date: 15.OCT.2020 14:06:56

Calibration Plot (5510MHz)



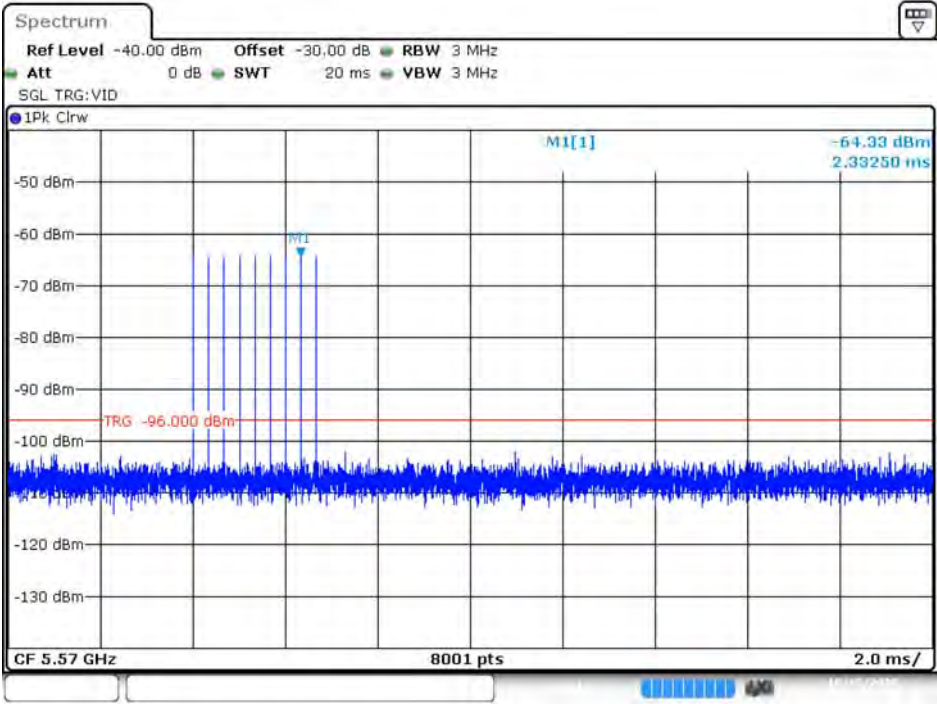
Date: 15.OCT.2020 14:05:22

Calibration Plot (5530MHz)



Date: 15.OCT.2020 14:04:44

Calibration Plot (5570MHz)



Date: 15.OCT.2020 14:06:19

3.3. 測試方法

將待測物、頻譜分析儀、雷達訊號產生器及主控設備依據測試架構圖去配置，頻譜分析儀主要用於監視顯示，確認主控設備偵測到雷達系統後，待測物之頻道移動時間及頻道關閉傳輸時間。設定頻譜分析儀之解析頻寬為 3MHz，視訊頻寬等於解析頻寬，頻率掃描範圍(SPAN)設為零。待測物與主控設備應開啟無線功能，並透過輻射傳導模式互相連結並確保連線負載須大於 17%。

1.UNII 偵測頻寬

待測物在其宣告頻寬測試偵測頻寬,在中心頻率以 1MHz 遞增及遞減雷達訊號每個頻率測試 10 次確認偵測成功機率並紀錄, 必須要符合 UNII 99% occupied bandwidth 之 100%頻寬。

2. DFS偵測門檻值

待測物在測試 DFS 偵測門檻值每個雷達波訊號要測試 30 次,偵測雷達訊號在雷達訊號 Type1~4 要符合 60%門檻值,Type1~4 總計要符合 80%,Type5 要符合 80%門檻值, Type6 要符合 70%門檻值。

3. 頻道可用性檢查時間

待測物在使用 DFS 頻道前必須要檢查確認 60 秒鐘後,確認無雷達波才能使用。

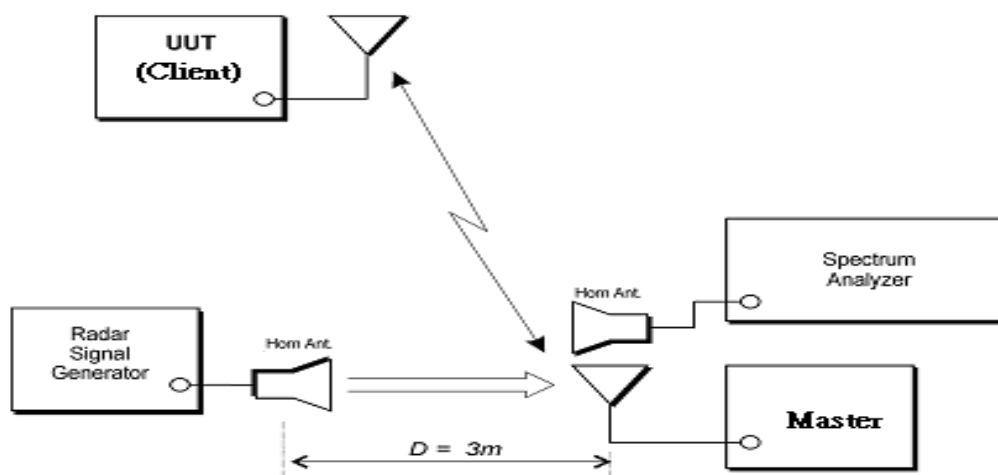
4.頻率移動時間及頻道關閉傳輸時間

在偵測到雷達系統後，所有在該操作頻道上的所有傳輸須在 10 秒內停止，在偵測到雷達信號後，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信號可在剩餘的 60 毫秒時間中傳送，以便撤離該操作頻道。

5.不可佔用期間

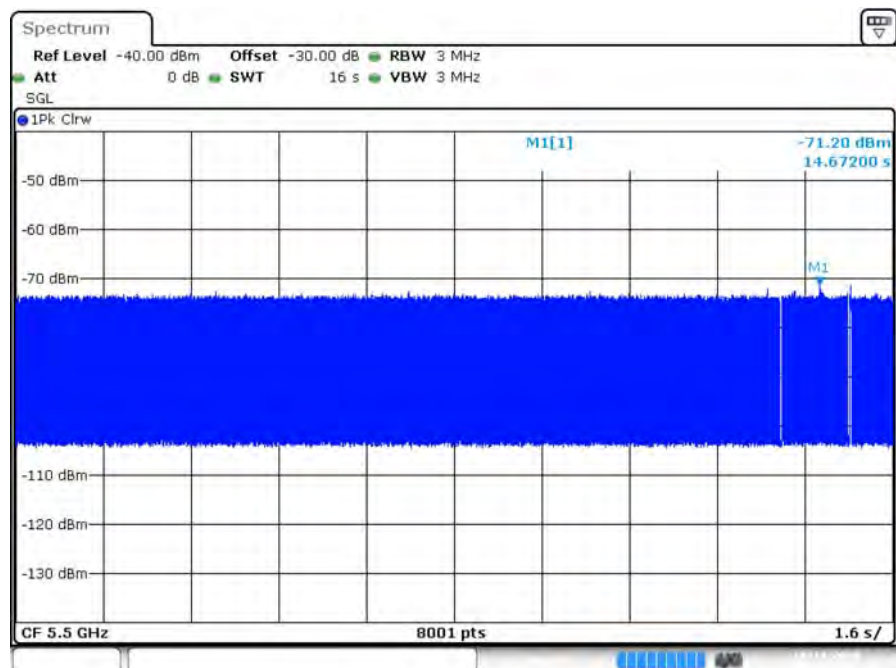
某一頻道已被頻道可用性檢查或”服務中”監視顯示含有雷達系統，至少須有 30 分鐘的不可佔用期間。不可佔用期間起始於偵測到雷達系統的當時。

3.4. 測試架構圖

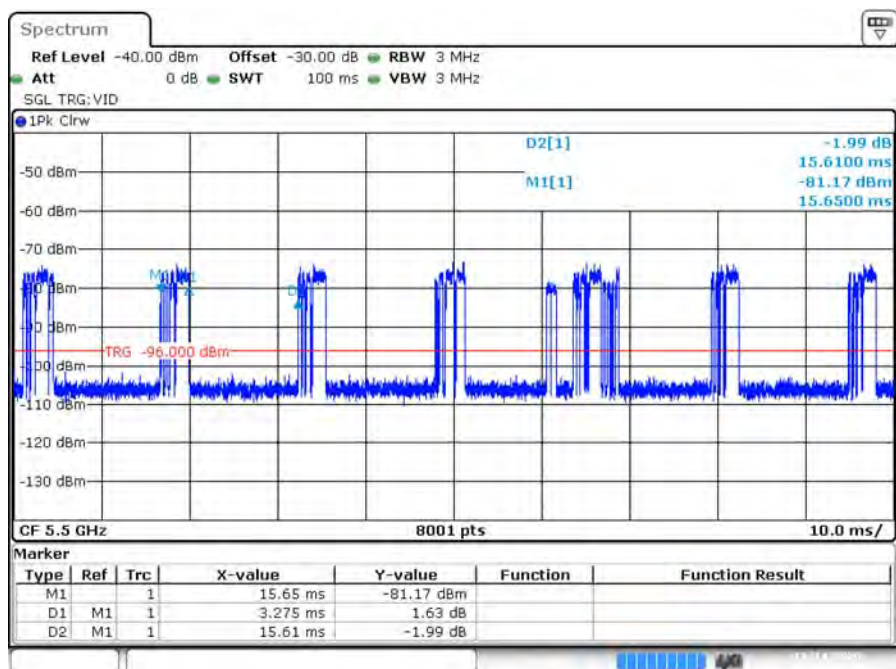


3.5. 連線負載與位準

Plot of WLAN Traffic at Mode 1: Radio 1: 發射器 5500MHz- 20BW



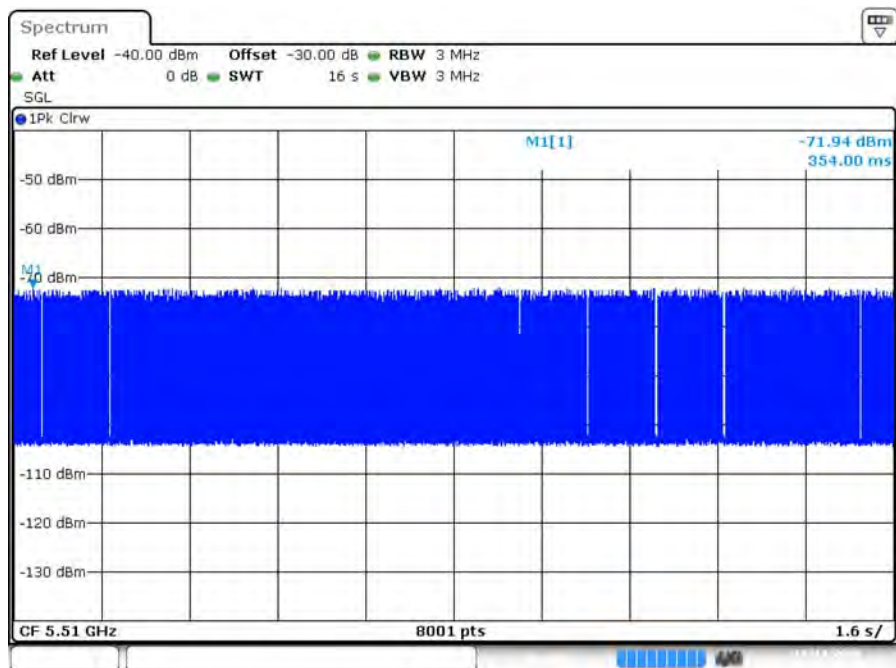
Date: 14.OCT.2020 19:12:35



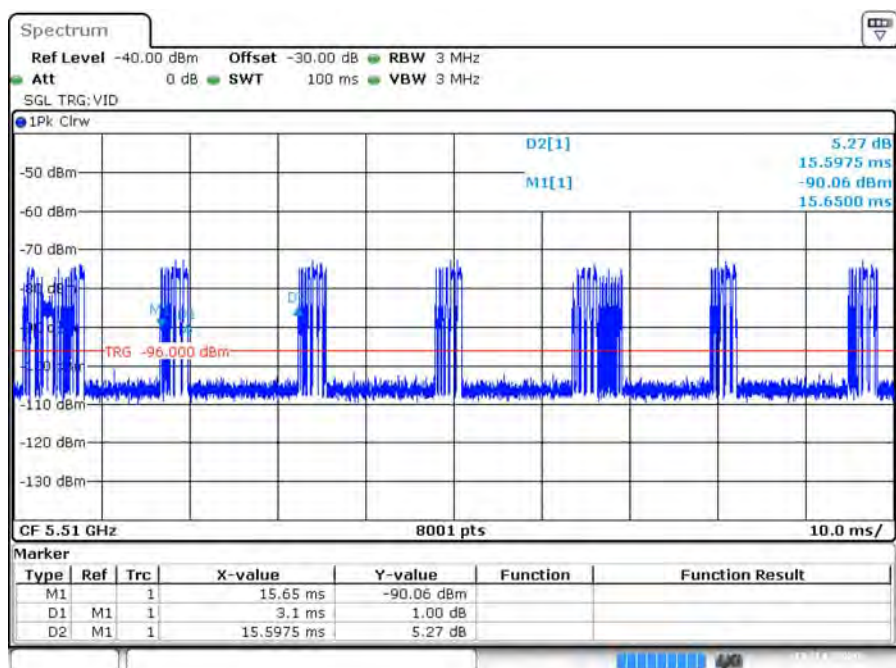
Date: 14.OCT.2020 18:56:22

Channel loading	Requirement loading
20.98%	>17%

Plot of WLAN Traffic at Mode 1: Radio 1: 發射器 5510MHz- 40BW



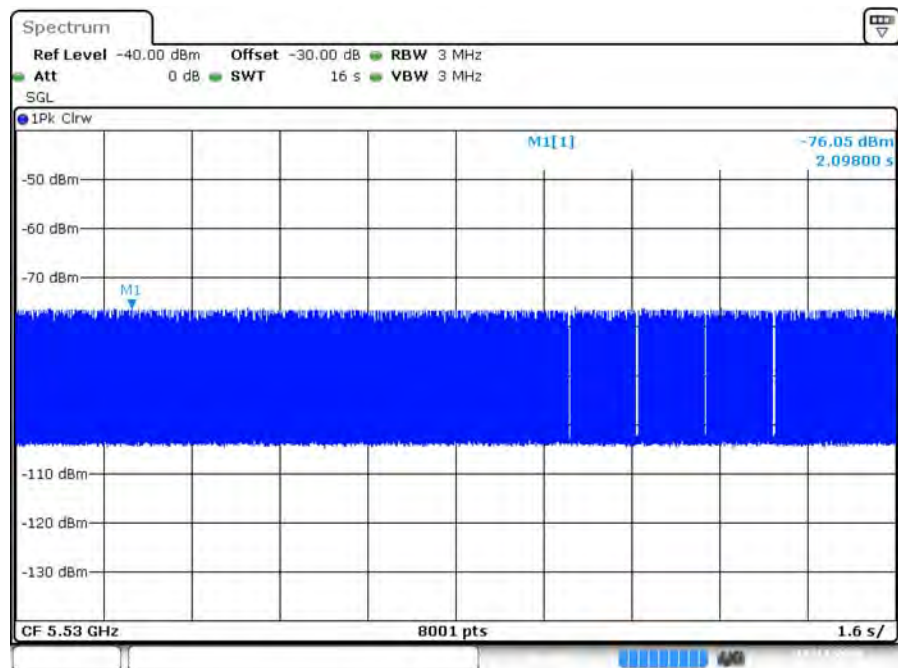
Date: 14.OCT.2020 19:06:32



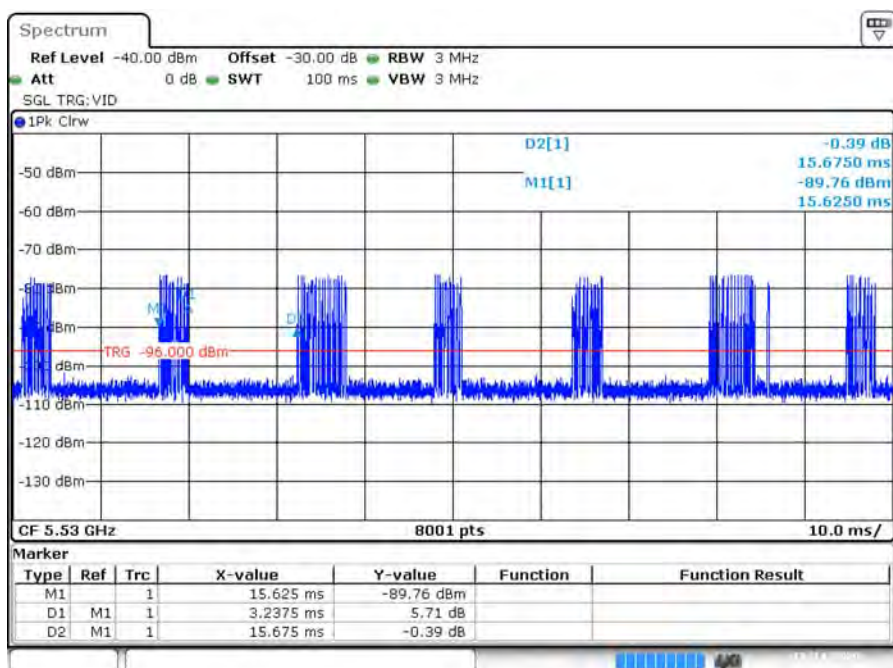
Date: 14.OCT.2020 19:01:15

Channel loading	Requirement loading
19.87%	>17%

Plot of WLAN Traffic at Mode 1: Radio 1: 發射器 5530MHz-80BW



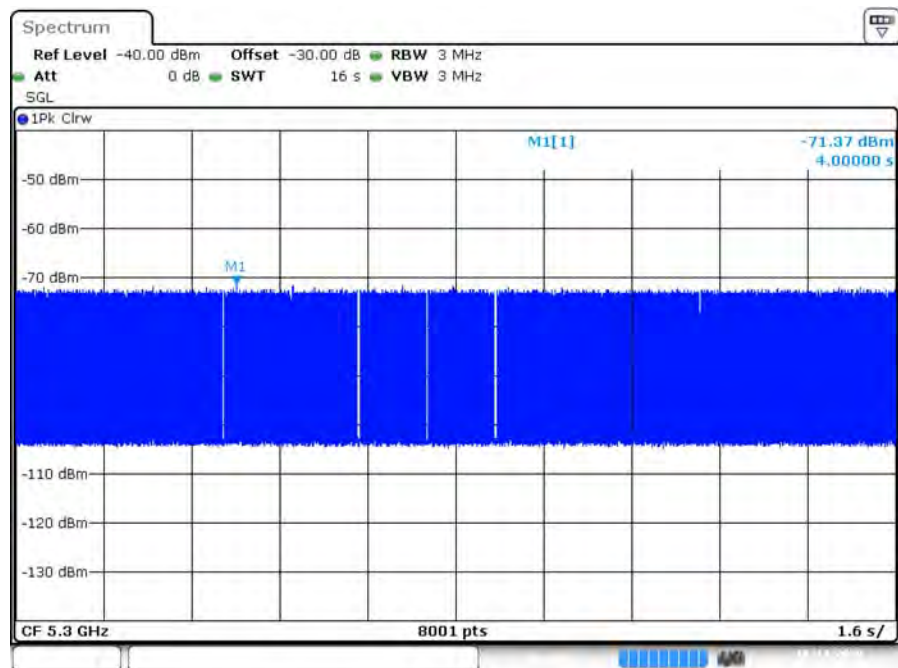
Date: 14.OCT.2020 19:46:26



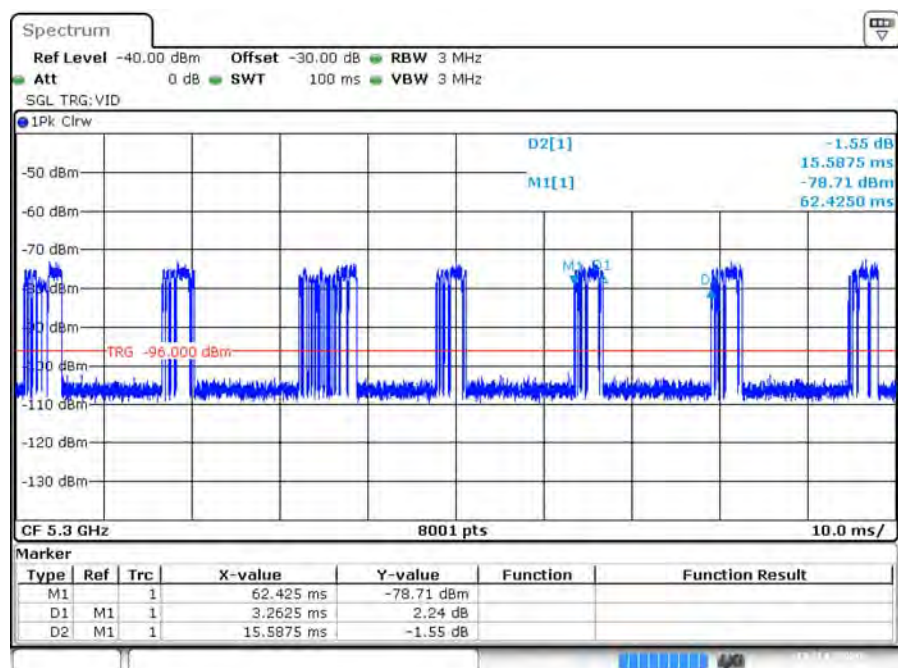
Date: 14.OCT.2020 19:41:12

Channel loading	Requirement loading
20.65%	>17%

Plot of WLAN Traffic at Mode 2: Radio 2: 發射器 5300MHz-20BW



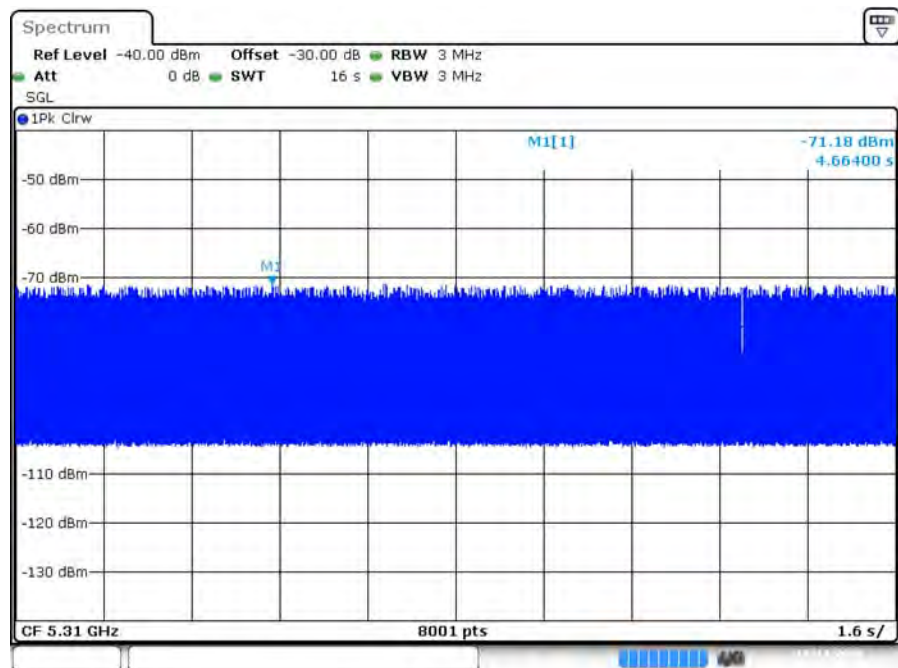
Date: 14.OCT.2020 19:19:34



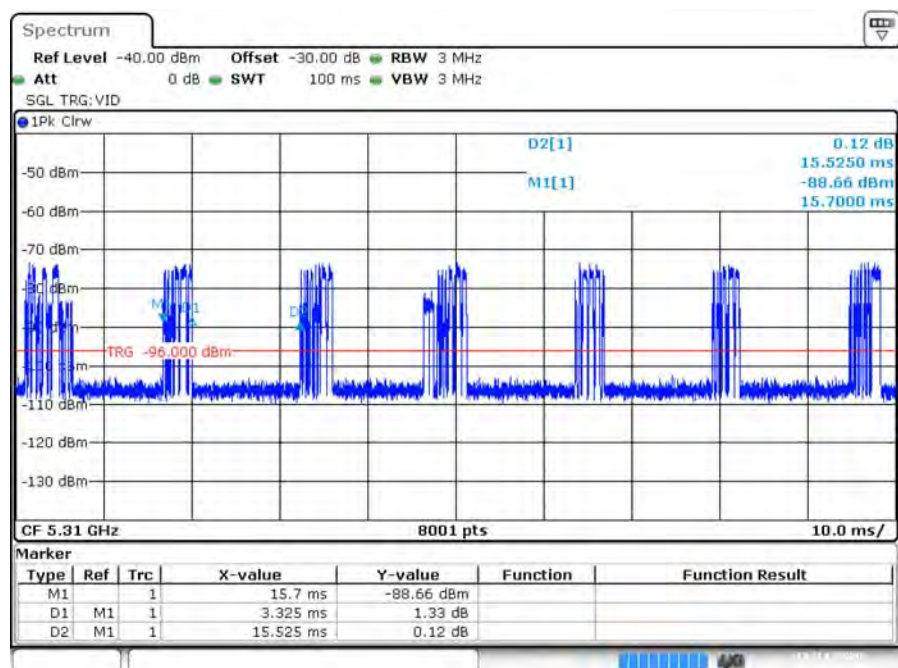
Date: 14.OCT.2020 19:17:13

Channel loading	Requirement loading
19.45%	>17%

Plot of WLAN Traffic at Mode 2: Radio 2: 發射器 5310MHz-40BW



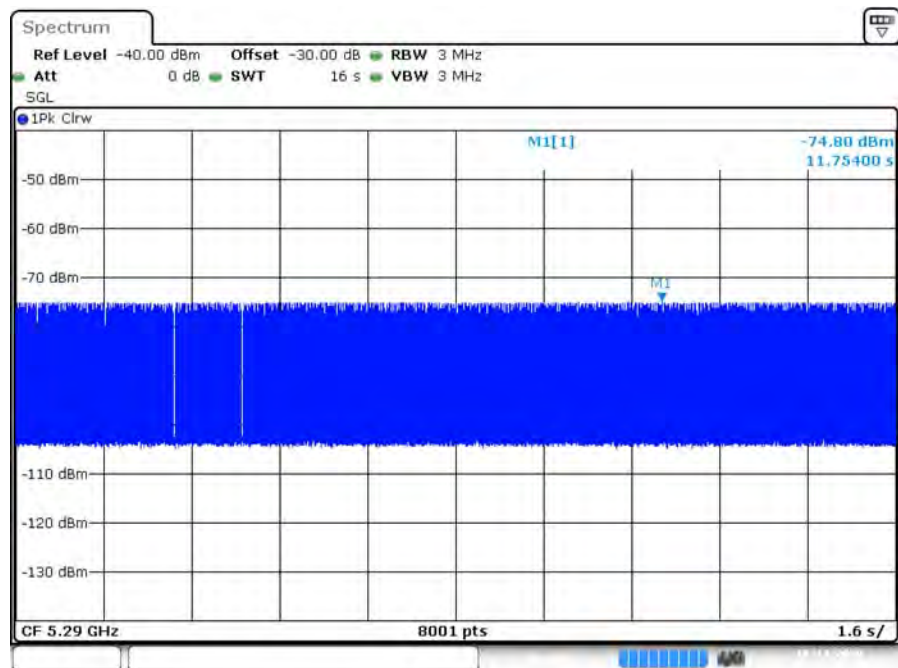
Date: 14.OCT.2020 19:29:31



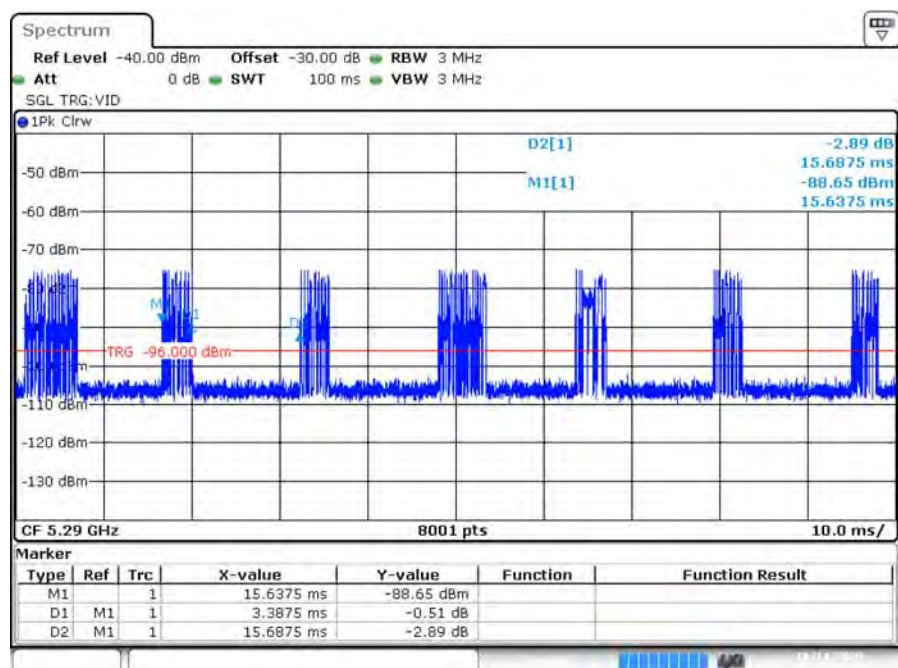
Date: 14.OCT.2020 19:26:25

Channel loading	Requirement loading
20.93%	>17%

Plot of WLAN Traffic at Mode 2: Radio 2: 發射器 5290MHz-11ac80BW



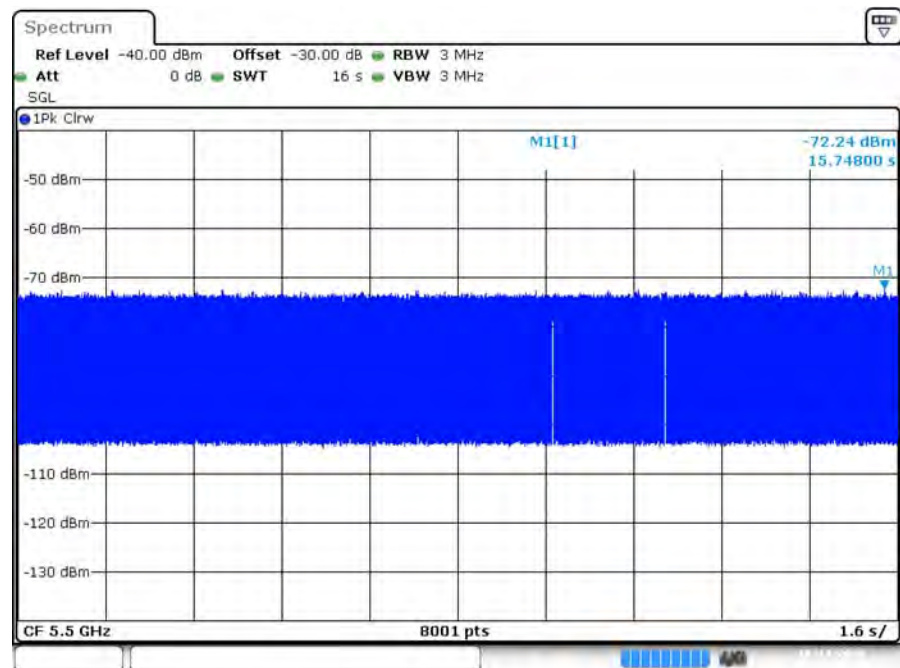
Date: 14.OCT.2020 19:33:02



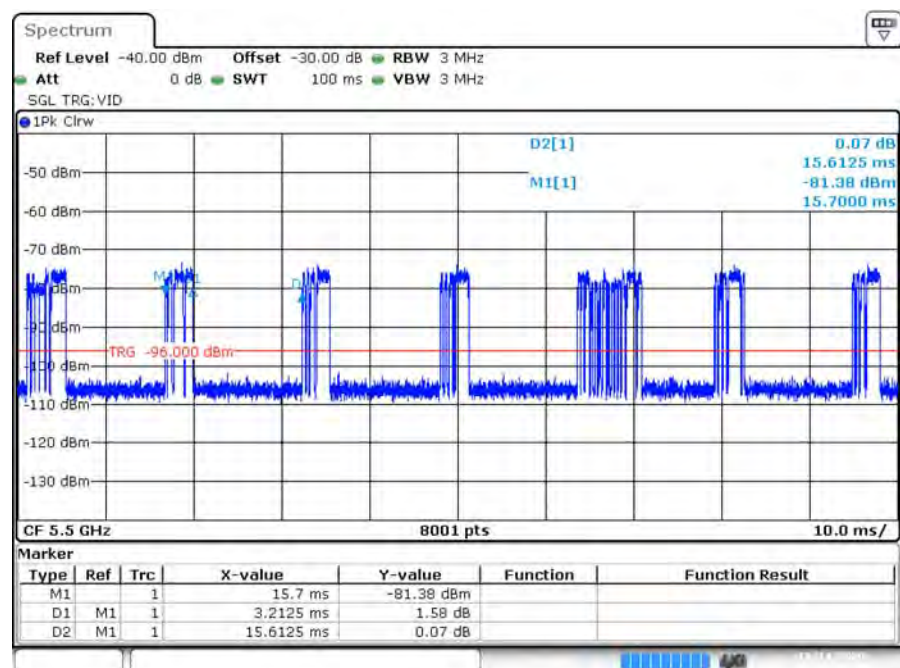
Date: 14.OCT.2020 19:35:23

Channel loading	Requirement loading
21.42%	>17%

Plot of WLAN Traffic at Mode 3: Radio 3: 發射器 5500MHz-11n20BW

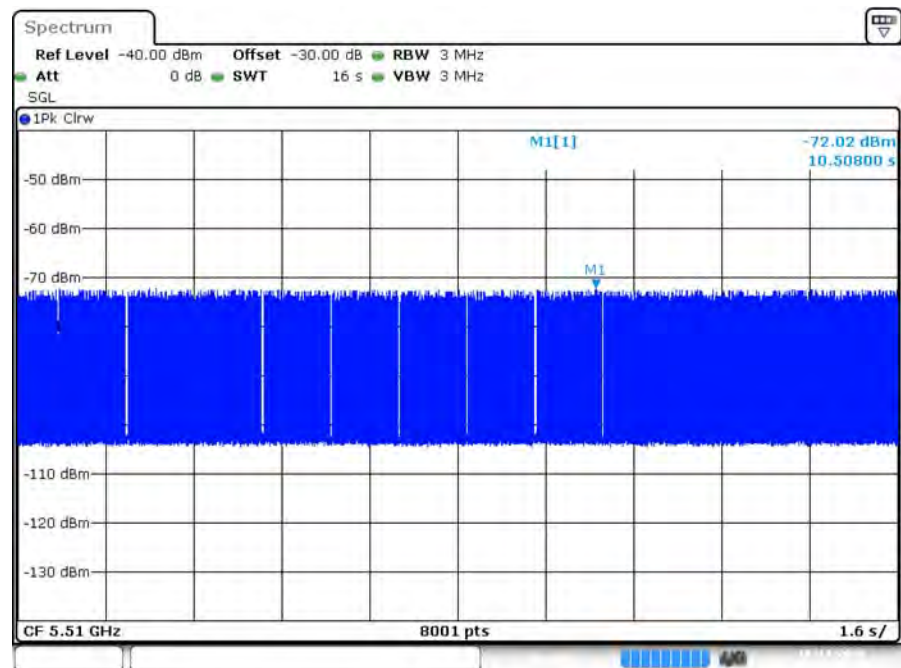


Date: 14.OCT.2020 19:13:09

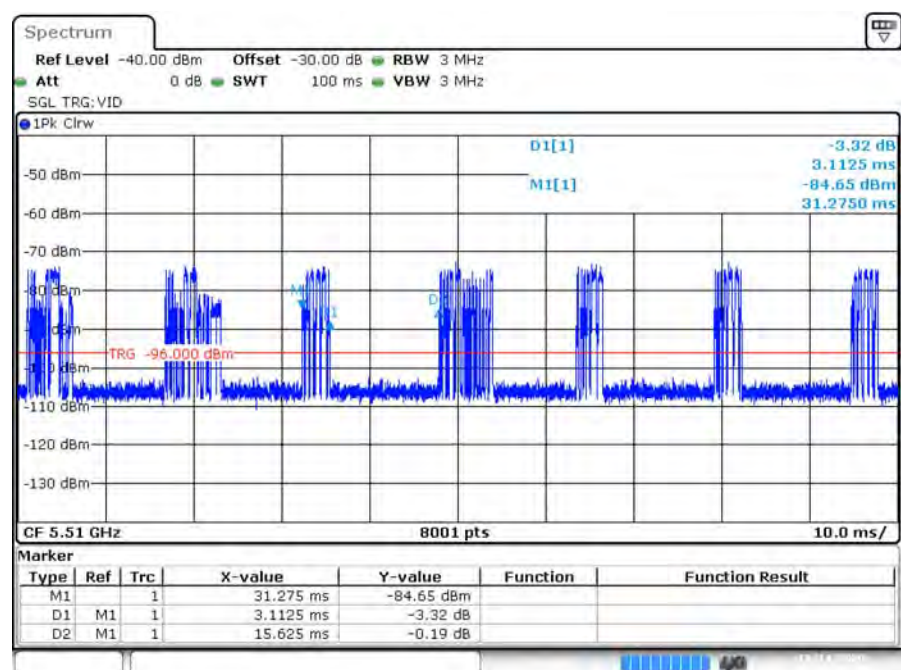


Date: 14.OCT.2020 19:22:23

Channel loading	Requirement loading
21.58%	>17%

Plot of WLAN Traffic at Mode 3: Radio 3: 發射器 5510MHz-11n40BW


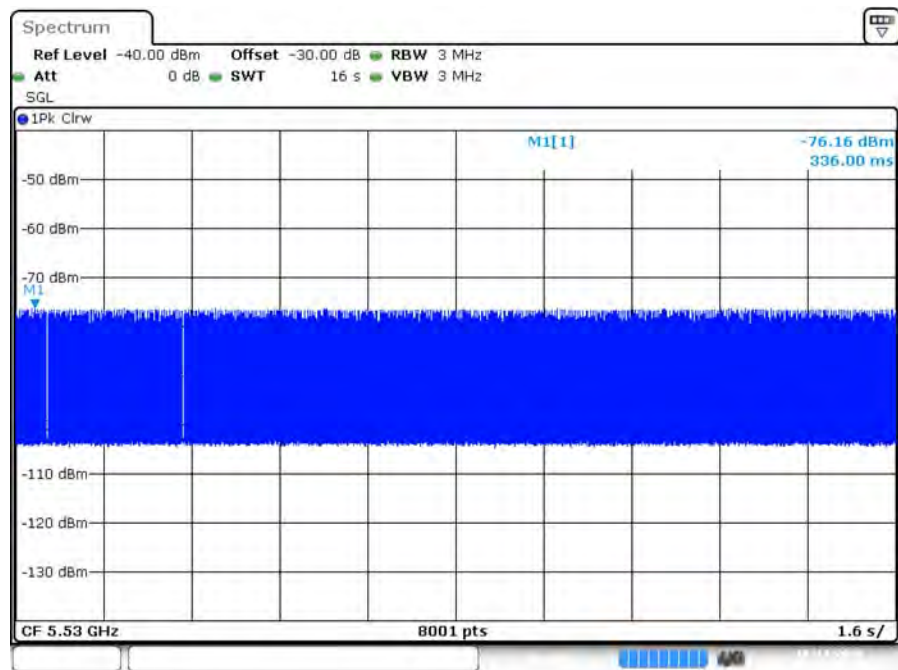
Date: 14.OCT.2020 19:07:03



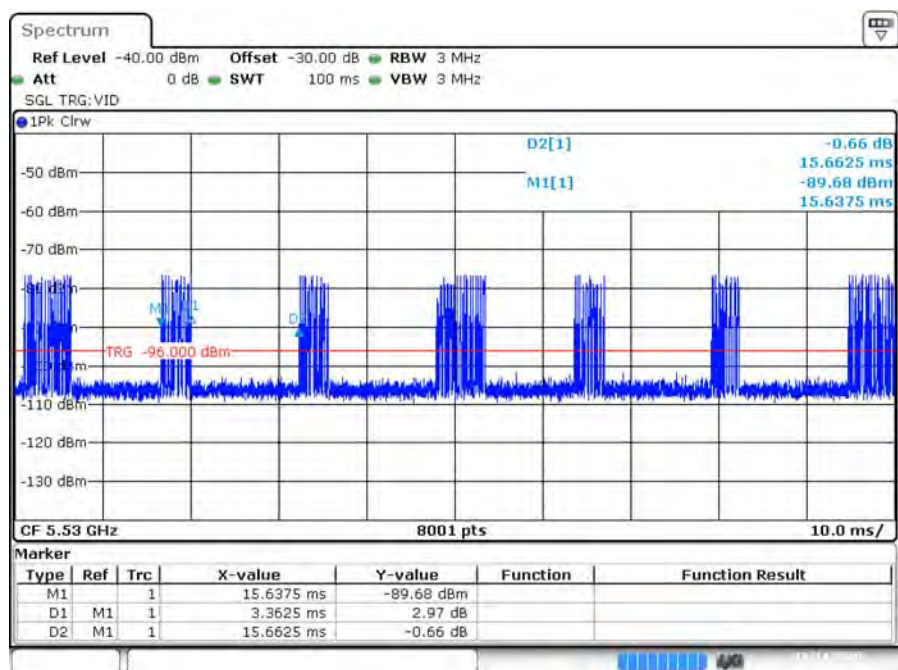
Date: 14.OCT.2020 19:05:13

Channel loading	Requirement loading
19.92%	>17%

Plot of WLAN Traffic at Mode 3: Radio 3: 發射器 5530MHz-11ac80BW



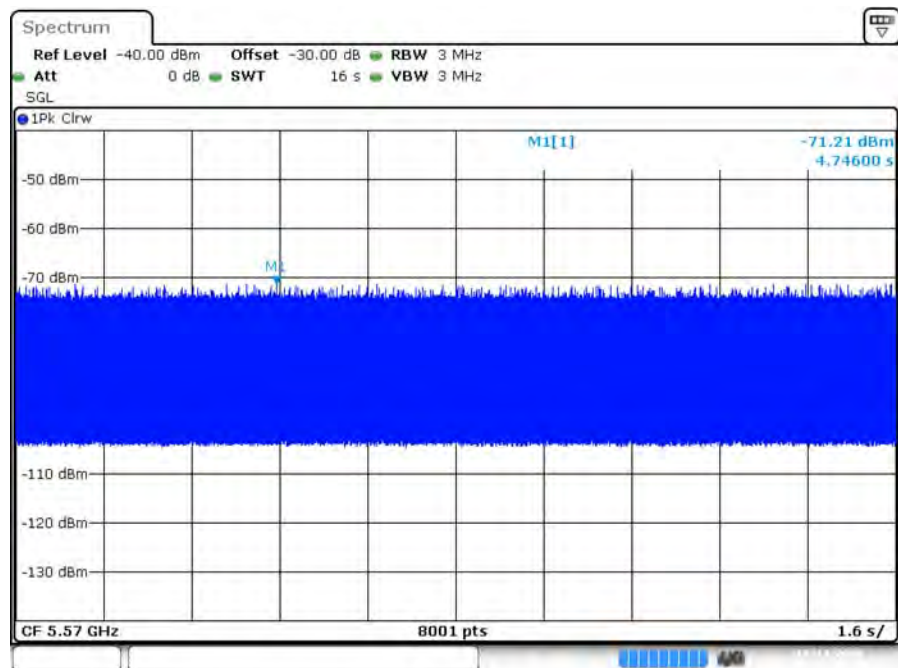
Date: 14.OCT.2020 19:46:57



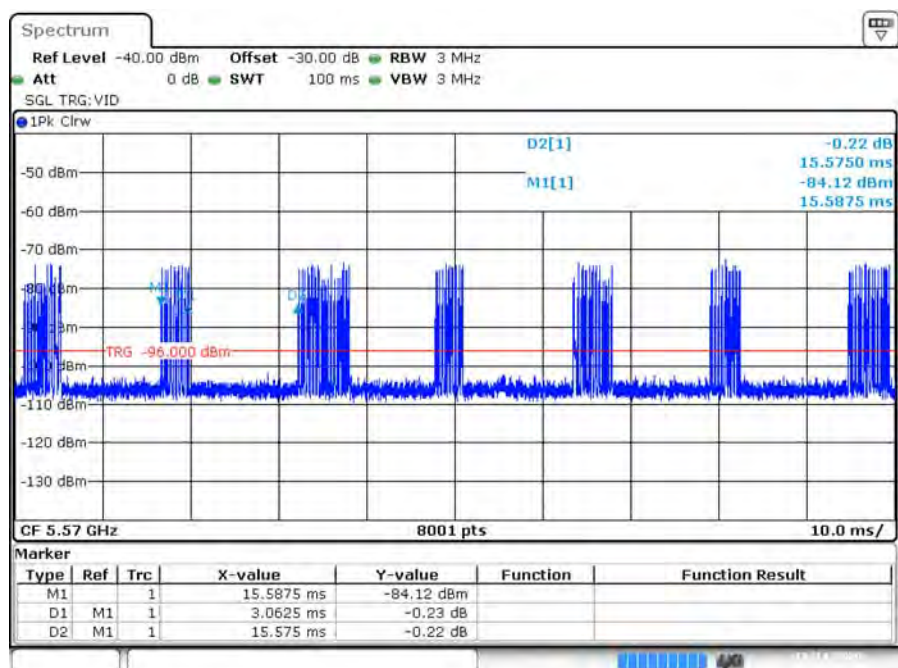
Date: 14.OCT.2020 19:42:51

Channel loading	Requirement loading
21.47%	>17%

Plot of WLAN Traffic at Mode 3: Radio 3: 發射器 5570MHz-11ac160BW



Date: 14.OCT.2020 19:57:41



Date: 14.OCT.2020 19:59:23

Channel loading	Requirement loading
19.66%	>17%

3.6. UNII 偵測頻寬量測結果

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII 99% occupied bandwidth

檢測器：峰值

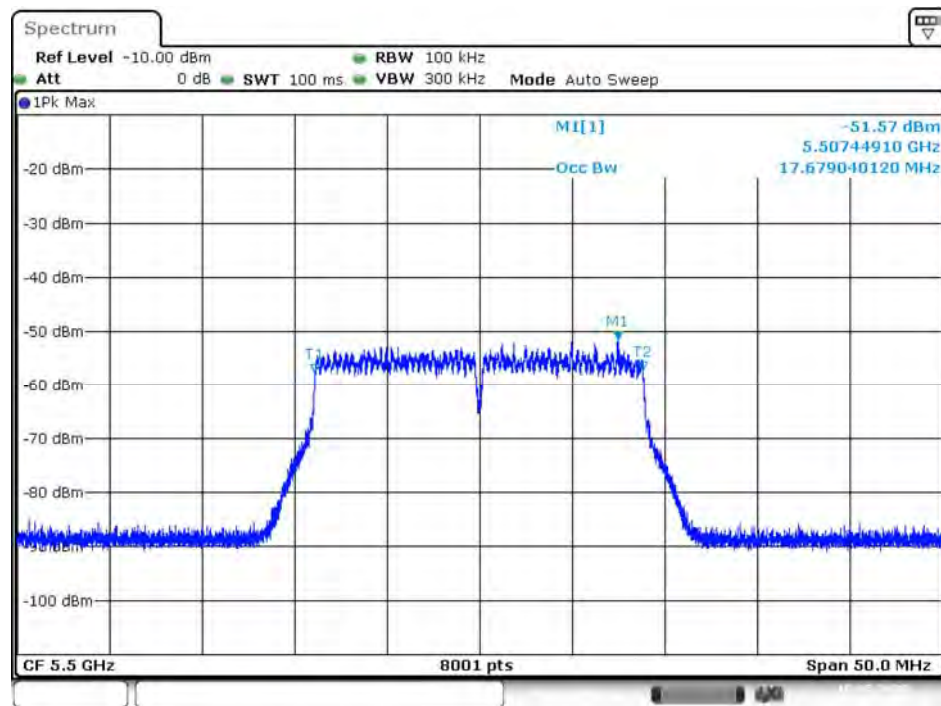
環境溫度：26 °C

測試日期：109年10月15日

環境濕度：58 %

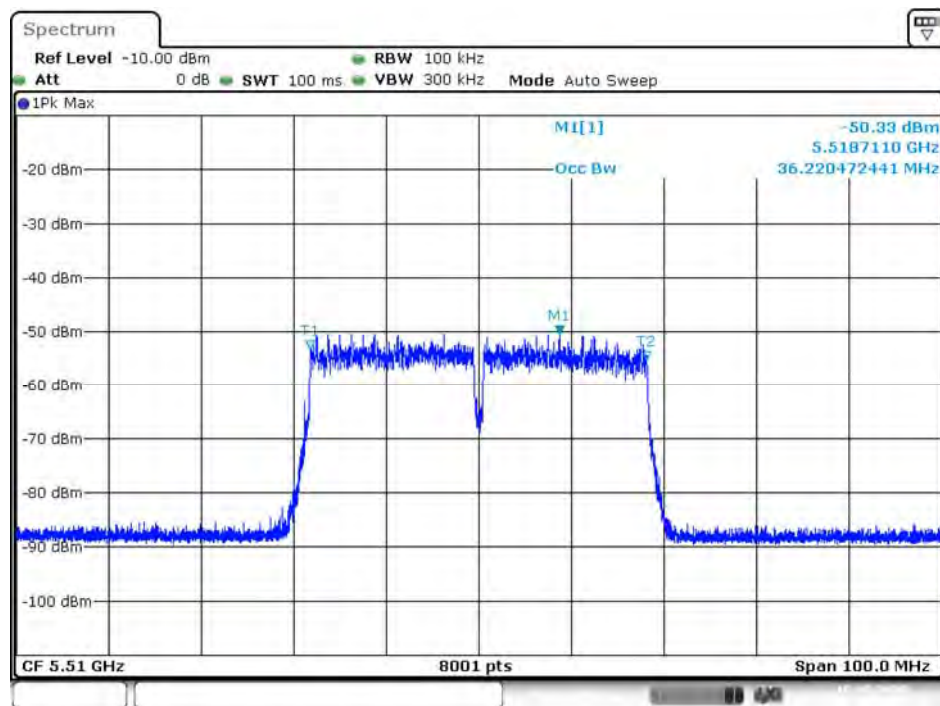
測試模式：Mode 1: Radio 1: 發射器

5500MHz-11n20BW



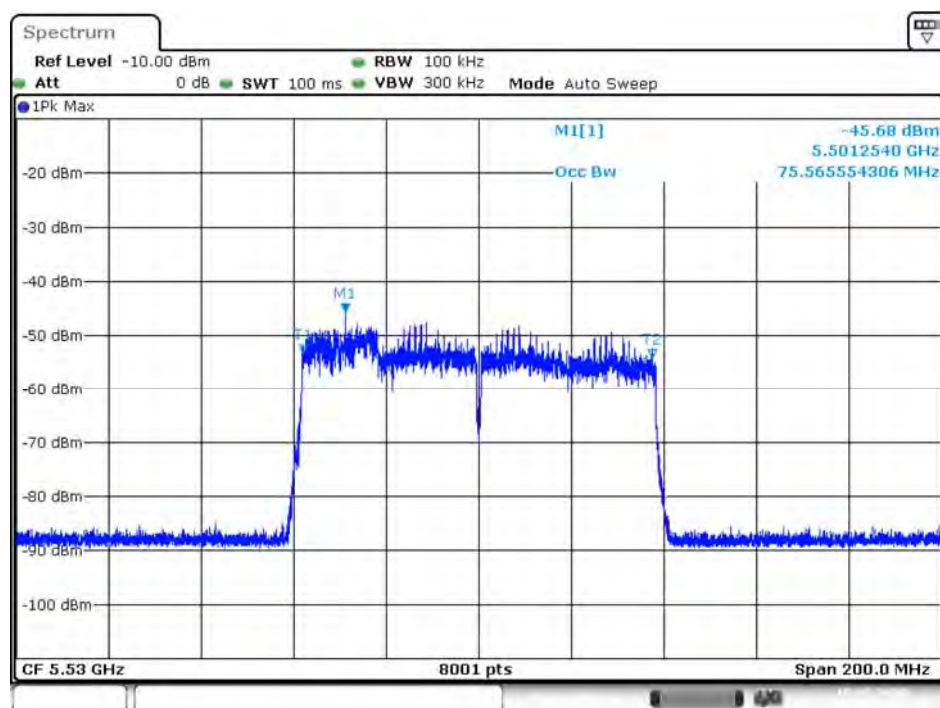
Date: 15.OCT.2020 14:13:48

5510MHz-40BW



Date: 15.OCT.2020 14:18:45

5530MHz-11ac80BW



Date: 15.OCT.2020 14:38:13

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII 99% occupied bandwidth

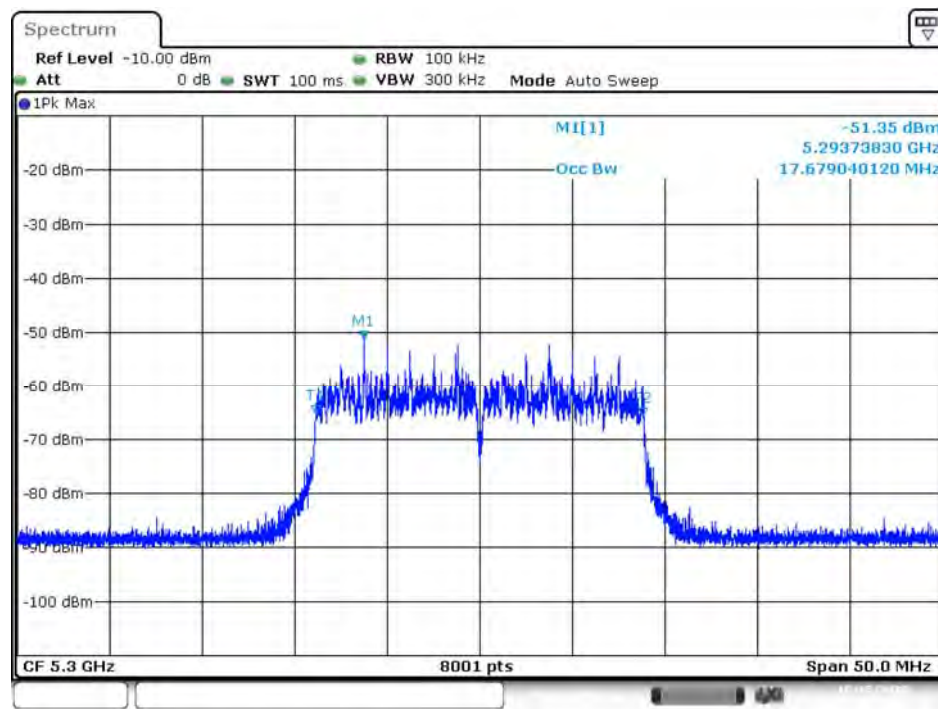
檢測器：峰值

環境溫度：26 °C

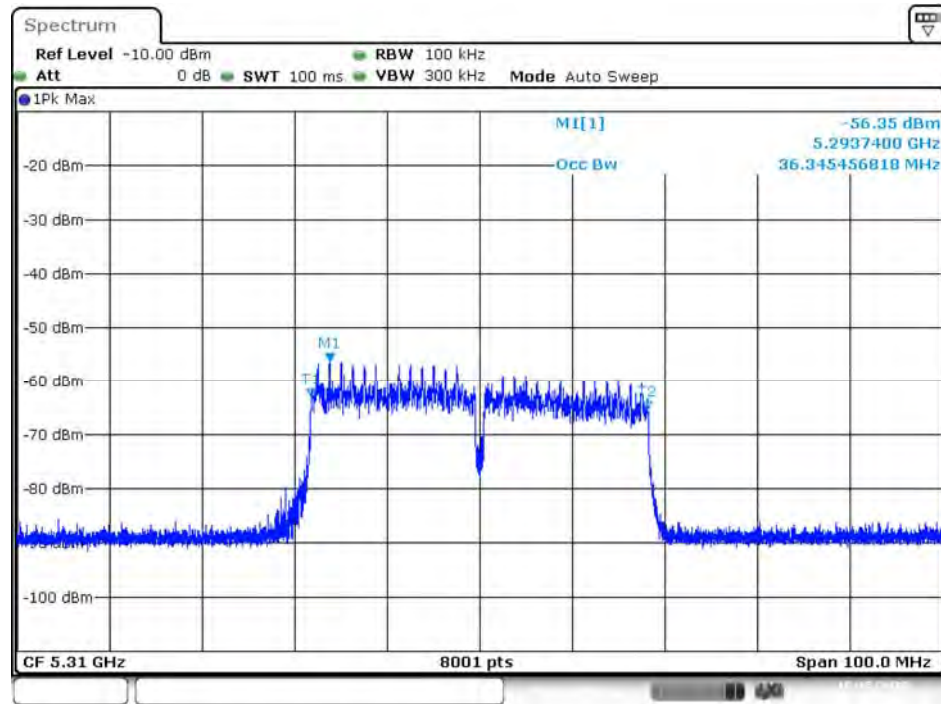
測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器

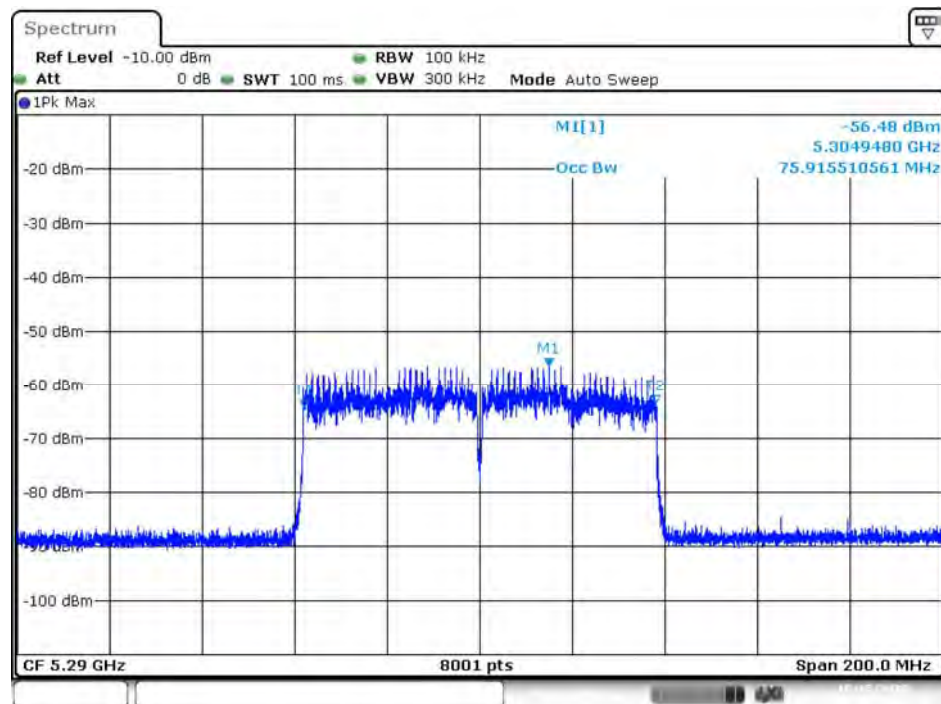
5300MHz-20BW

Date: 15.OCT.2020 14:14:51

5310MHz-40BW

Date: 15.OCT.2020 14:17:09

5290MHz-11ac80BW



Date: 15.OCT.2020 14:22:42

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII 99% occupied bandwidth

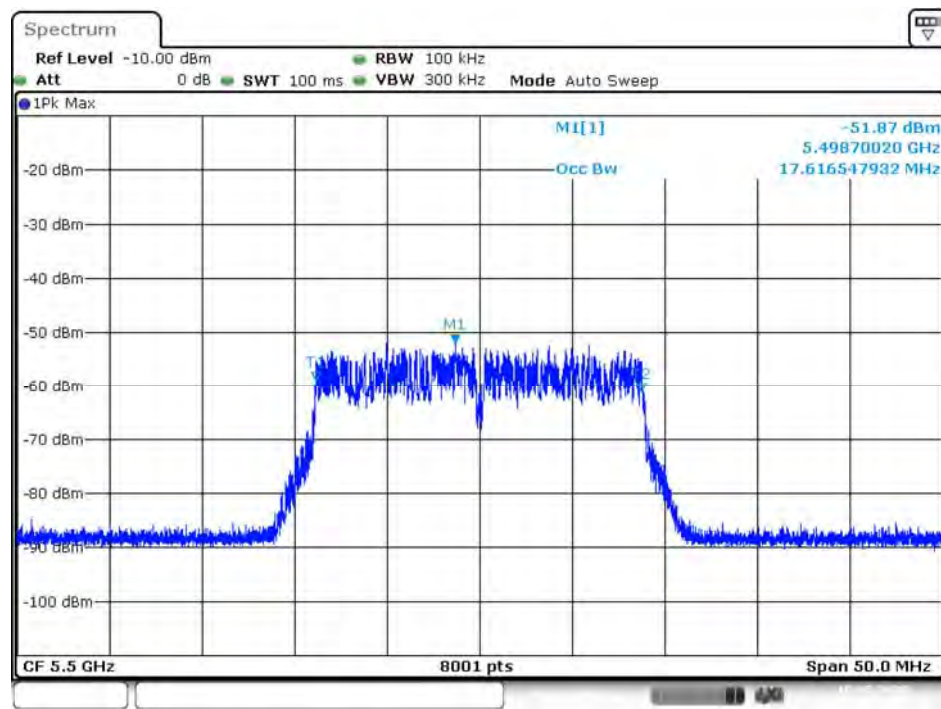
檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

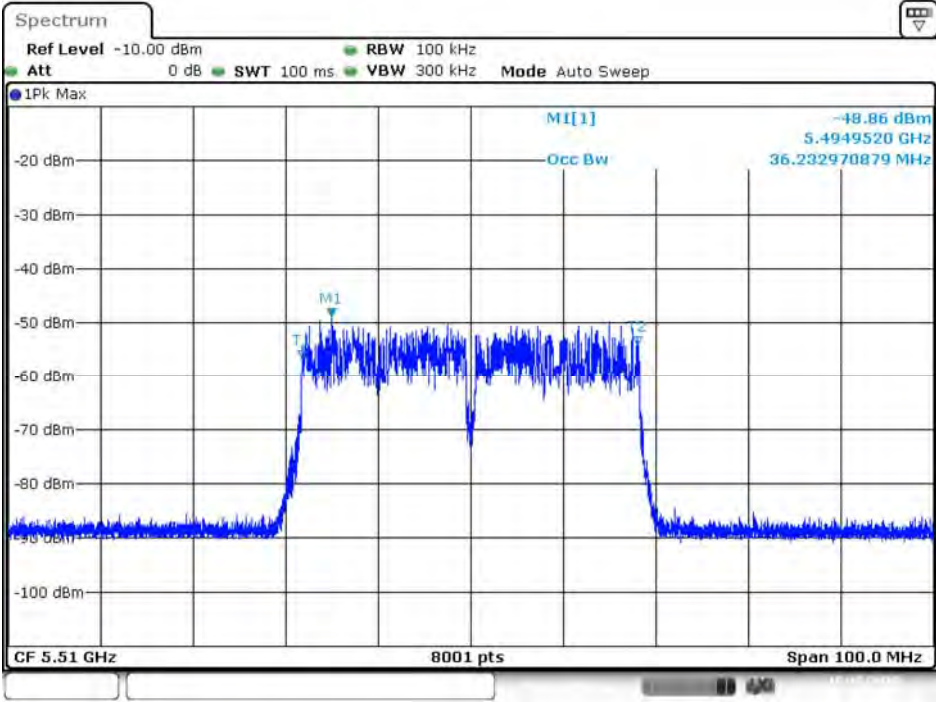
環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器

5500MHz-20BW

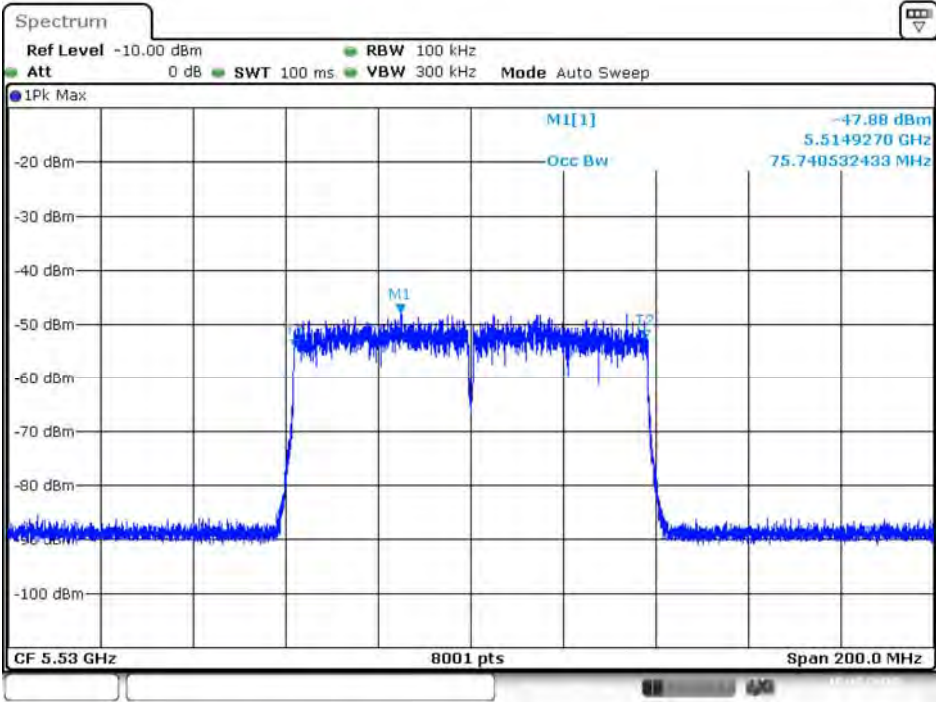
Date: 15.OCT.2020 14:12:27

5510MHz-40BW



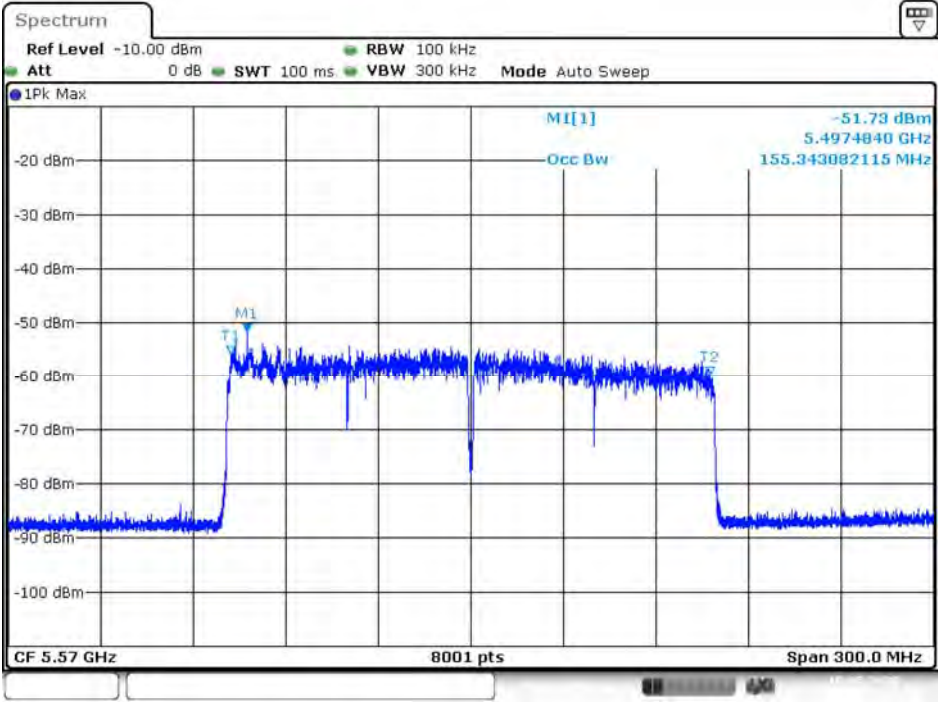
Date: 15.OCT.2020 14:19:54

5530MHz-11ac80BW



Date: 15.OCT.2020 14:39:38

5570MHz-11ac160BW



Date: 15.OCT.2020 14:42:13

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器

Test Channel: 5500MHz-20BW											
Radar Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5490	1	1	1	1	1	0	0	1	0	1	70.00
5491 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5492	1	1	1	1	1	1	1	1	1	1	100.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	1	1	1	1	1	1	1	100.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509 (FH)	1	1	1	1	1	1	1	1	1	1	100.00
5510	0	0	0	0	0	0	0	0	0	0	0.00
Detection Bandwidth = FH - FL =5509MHZ - 5491MHZ = 18MHZ											
EUT 99% Bandwidth = 17.6790 MHz											
UNII Detection Bandwidth Min. Limit = 17.679MHz X 100% = 17.679MHz											

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器

Test Channel: 5510MHz-40BW											
Radar Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5490	1	1	1	1	1	0	1	0	1	1	80.00
5491 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5492	1	1	1	1	1	1	1	1	1	1	100.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	1	1	1	1	1	1	1	100.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509	1	1	1	1	1	1	1	1	1	1	100.00
5510	1	1	1	1	1	1	1	1	1	1	100.00
5511	1	1	1	1	1	1	1	1	1	1	100.00
5512	1	1	1	1	1	1	1	1	1	1	100.00
5513	1	1	1	1	1	1	1	1	1	1	100.00
5514	1	1	1	1	1	1	1	1	1	1	100.00

5515	1	1	1	1	1	1	1	1	1	1	100.00
5516	1	1	1	1	1	1	1	1	1	1	100.00
5517	1	1	1	1	1	1	1	1	1	1	100.00
5518	1	1	1	1	1	1	1	1	1	1	100.00
5519	1	1	1	1	1	1	1	1	1	1	100.00
5520	1	1	1	1	1	1	1	1	1	1	100.00
5521	1	1	1	1	1	1	1	1	1	1	100.00
5522	1	1	1	1	1	1	1	1	1	1	100.00
5523	1	1	1	1	1	1	1	1	1	1	100.00
5524	1	1	1	1	1	1	1	1	1	1	100.00
5525	1	1	1	1	1	1	1	1	1	1	100.00
5526	1	1	1	1	1	1	1	1	1	1	100.00
5527	1	1	1	1	1	1	1	1	1	1	100.00
5528	1	1	1	1	1	1	1	1	1	1	100.00
5529 (FH)	1	1	1	1	1	1	1	1	1	1	100.00
5530	0	0	0	0	0	0	0	0	0	0	0.00
Detection Bandwidth = FH - FL =5529MHZ - 5491MHZ = 38MHZ											
EUT 99% Bandwidth =36.2204 MHz											
UNII Detection Bandwidth Min. Limit = 36.2204MHz X 100% = 36.2204MHz											

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器

Test Channel: 5530MHz-11ac80BW											
Radar Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5490	0	0	0	1	0	0	0	0	0	0	10.00
5491 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5492	1	1	1	1	1	1	1	1	1	1	100.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	1	1	1	1	1	1	1	100.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509	1	1	1	1	1	1	1	1	1	1	100.00
5510	1	1	1	1	1	1	1	1	1	1	100.00
5511	1	1	1	1	1	1	1	1	1	1	100.00
5512	1	1	1	1	1	1	1	1	1	1	100.00
5513	1	1	1	1	1	1	1	1	1	1	100.00
5514	1	1	1	1	1	1	1	1	1	1	100.00
5515	1	1	1	1	1	1	1	1	1	1	100.00
5516	1	1	1	1	1	1	1	1	1	1	100.00
5517	1	1	1	1	1	1	1	1	1	1	100.00
5518	1	1	1	1	1	1	1	1	1	1	100.00
5519	1	1	1	1	1	1	1	1	1	1	100.00
5520	1	1	1	1	1	1	1	1	1	1	100.00
5521	1	1	1	1	1	1	1	1	1	1	100.00
5522	1	1	1	1	1	1	1	1	1	1	100.00
5523	1	1	1	1	1	1	1	1	1	1	100.00
5524	1	1	1	1	1	1	1	1	1	1	100.00
5525	1	1	1	1	1	1	1	1	1	1	100.00
5526	1	1	1	1	1	1	1	1	1	1	100.00

5527	1	1	1	1	1	1	1	1	1	1	100.00
5528	1	1	1	1	1	1	1	1	1	1	100.00
5529	1	1	1	1	1	1	1	1	1	1	100.00
5530	1	1	1	1	1	1	1	1	1	1	100.00
5531	1	1	1	1	1	1	1	1	1	1	100.00
5532	1	1	1	1	1	1	1	1	1	1	100.00
5533	1	1	1	1	1	1	1	1	1	1	100.00
5534	1	1	1	1	1	1	1	1	1	1	100.00
5535	1	1	1	1	1	1	1	1	1	1	100.00
5536	1	1	1	1	1	1	1	1	1	1	100.00
5537	1	1	1	1	1	1	1	1	1	1	100.00
5538	1	1	1	1	1	1	1	1	1	1	100.00
5539	1	1	1	1	1	1	1	1	1	1	100.00
5540	1	1	1	1	1	1	1	1	1	1	100.00
5541	1	1	1	1	1	1	1	1	1	1	100.00
5542	1	1	1	1	1	1	1	1	1	1	100.00
5543	1	1	1	1	1	1	1	1	1	1	100.00
5544	1	1	1	1	1	1	1	1	1	1	100.00
5545	1	1	1	1	1	1	1	1	1	1	100.00
5546	1	1	1	1	1	1	1	1	1	1	100.00
5547	1	1	1	1	1	1	1	1	1	1	100.00
5548	1	1	1	1	1	1	1	1	1	1	100.00
5549	1	1	1	1	1	1	1	1	1	1	100.00
5550	1	1	1	1	1	1	1	1	1	1	100.00
5551	1	1	1	1	1	1	1	1	1	1	100.00
5552	1	1	1	1	1	1	1	1	1	1	100.00
5553	1	1	1	1	1	1	1	1	1	1	100.00
5554	1	1	1	1	1	1	1	1	1	1	100.00
5555	1	1	1	1	1	1	1	1	1	1	100.00
5556	1	1	1	1	1	1	1	1	1	1	100.00
5557	1	1	1	1	1	1	1	1	1	1	100.00
5558	1	1	1	1	1	1	1	1	1	1	100.00
5559	1	1	1	1	1	1	1	1	1	1	100.00
5560	1	1	1	1	1	1	1	1	1	1	100.00
5561	1	1	1	1	1	1	1	1	1	1	100.00
5562	1	1	1	1	1	1	1	1	1	1	100.00
5563	1	1	1	1	1	1	1	1	1	1	100.00
5564	1	1	1	1	1	1	1	1	1	1	100.00
5565	1	1	1	1	1	1	1	1	1	1	100.00
5566	1	1	1	1	1	1	1	1	1	1	100.00
5567	1	1	1	1	1	1	1	1	1	1	100.00
5568	1	1	1	1	1	1	1	1	1	1	100.00
5569(FH)	1	1	1	1	1	1	1	1	1	1	100.00
5570	0	0	0	0	0	0	0	0	0	1	10.00
Detection Bandwidth = FH - FL =5569MHZ - 5491MHZ = 78MHZ											
EUT 99% Bandwidth =75.5655 MHz											
UNII Detection Bandwidth Min. Limit = 75.5655MHz X 100% = 75.5655MHz											

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器

Test Channel: 5530MHz-11ax80BW											
Radar Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5490	0	0	0	0	0	0	0	0	0	0	0.00
5491 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5492	1	1	1	1	1	1	1	1	1	1	100.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	1	1	1	1	1	1	1	100.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509	1	1	1	1	1	1	1	1	1	1	100.00
5510	1	1	1	1	1	1	1	1	1	1	100.00
5511	1	1	1	1	1	1	1	1	1	1	100.00
5512	1	1	1	1	1	1	1	1	1	1	100.00
5513	1	1	1	1	1	1	1	1	1	1	100.00
5514	1	1	1	1	1	1	1	1	1	1	100.00
5515	1	1	1	1	1	1	1	1	1	1	100.00
5516	1	1	1	1	1	1	1	1	1	1	100.00
5517	1	1	1	1	1	1	1	1	1	1	100.00
5518	1	1	1	1	1	1	1	1	1	1	100.00
5519	1	1	1	1	1	1	1	1	1	1	100.00
5520	1	1	1	1	1	1	1	1	1	1	100.00
5521	1	1	1	1	1	1	1	1	1	1	100.00
5522	1	1	1	1	1	1	1	1	1	1	100.00
5523	1	1	1	1	1	1	1	1	1	1	100.00
5524	1	1	1	1	1	1	1	1	1	1	100.00
5525	1	1	1	1	1	1	1	1	1	1	100.00
5526	1	1	1	1	1	1	1	1	1	1	100.00

5527	1	1	1	1	1	1	1	1	1	1	100.00
5528	1	1	1	1	1	1	1	1	1	1	100.00
5529	1	1	1	1	1	1	1	1	1	1	100.00
5530	1	1	1	1	1	1	1	1	1	1	100.00
5531	1	1	1	1	1	1	1	1	1	1	100.00
5532	1	1	1	1	1	1	1	1	1	1	100.00
5533	1	1	1	1	1	1	1	1	1	1	100.00
5534	1	1	1	1	1	1	1	1	1	1	100.00
5535	1	1	1	1	1	1	1	1	1	1	100.00
5536	1	1	1	1	1	1	1	1	1	1	100.00
5537	1	1	1	1	1	1	1	1	1	1	100.00
5538	1	1	1	1	1	1	1	1	1	1	100.00
5539	1	1	1	1	1	1	1	1	1	1	100.00
5540	1	1	1	1	1	1	1	1	1	1	100.00
5541	1	1	1	1	1	1	1	1	1	1	100.00
5542	1	1	1	1	1	1	1	1	1	1	100.00
5543	1	1	1	1	1	1	1	1	1	1	100.00
5544	1	1	1	1	1	1	1	1	1	1	100.00
5545	1	1	1	1	1	1	1	1	1	1	100.00
5546	1	1	1	1	1	1	1	1	1	1	100.00
5547	1	1	1	1	1	1	1	1	1	1	100.00
5548	1	1	1	1	1	1	1	1	1	1	100.00
5549	1	1	1	1	1	1	1	1	1	1	100.00
5550	1	1	1	1	1	1	1	1	1	1	100.00
5551	1	1	1	1	1	1	1	1	1	1	100.00
5552	1	1	1	1	1	1	1	1	1	1	100.00
5553	1	1	1	1	1	1	1	1	1	1	100.00
5554	1	1	1	1	1	1	1	1	1	1	100.00
5555	1	1	1	1	1	1	1	1	1	1	100.00
5556	1	1	1	1	1	1	1	1	1	1	100.00
5557	1	1	1	1	1	1	1	1	1	1	100.00
5558	1	1	1	1	1	1	1	1	1	1	100.00
5559	1	1	1	1	1	1	1	1	1	1	100.00
5560	1	1	1	1	1	1	1	1	1	1	100.00
5561	1	1	1	1	1	1	1	1	1	1	100.00
5562	1	1	1	1	1	1	1	1	1	1	100.00
5563	1	1	1	1	1	1	1	1	1	1	100.00
5564	1	1	1	1	1	1	1	1	1	1	100.00
5565	1	1	1	1	1	1	1	1	1	1	100.00
5566	1	1	1	1	1	1	1	1	1	1	100.00
5567	1	1	1	1	1	1	1	1	1	1	100.00
5568	1	1	1	1	1	1	1	1	1	1	100.00
5569(FH)	1	1	1	1	1	1	1	1	1	1	100.00
5570	0	0	0	0	0	1	0	0	0	0	10.00
Detection Bandwidth = FH - FL =5569MHZ - 5491MHZ = 78MHZ											
EUT 99% Bandwidth =76.8653 MHz											
UNII Detection Bandwidth Min. Limit = 76.8653MHz X 100% = 76.8653MHz											

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器

Test Channel: 5300MHz-20BW											
Radars Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5290	0	0	0	0	0	0	0	0	0	0	0.00
5291 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5292	1	1	1	1	1	1	1	1	1	1	100.00
5293	1	1	1	1	1	1	1	1	1	1	100.00
5294	1	1	1	1	1	1	1	1	1	1	100.00
5295	1	1	1	1	1	1	1	1	1	1	100.00
5296	1	1	1	1	1	1	1	1	1	1	100.00
5297	1	1	1	1	1	1	1	1	1	1	100.00
5298	1	1	1	1	1	1	1	1	1	1	100.00
5299	1	1	1	1	1	1	1	1	1	1	100.00
5300	1	1	1	1	1	1	1	1	1	1	100.00
5301	1	1	1	1	1	1	1	1	1	1	100.00
5302	1	1	1	1	1	1	1	1	1	1	100.00
5303	1	1	1	1	1	1	1	1	1	1	100.00
5304	1	1	1	1	1	1	1	1	1	1	100.00
5305	1	1	1	1	1	1	1	1	1	1	100.00
5306	1	1	1	1	1	1	1	1	1	1	100.00
5307	1	1	1	1	1	1	1	1	1	1	100.00
5308	1	1	1	1	1	1	1	1	1	1	100.00
5309 (FH)	1	1	1	1	1	1	1	1	1	1	100.00
5310	0	0	0	0	0	0	1	0	0	0	10.00
Detection Bandwidth = FH - FL =5309MHZ - 5291MHZ = 18MHZ											
EUT 99% Bandwidth = 17.6790 MHz											
UNII Detection Bandwidth Min. Limit = 17.679MHz X 100% = 17.679MHz											

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器

Test Channel: 5310MHz-40BW											
Radars Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5290	0	0	0	0	0	0	1	0	0	0	10.00
5291 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5292	1	1	1	1	1	1	1	1	1	1	100.00
5293	1	1	1	1	1	1	1	1	1	1	100.00
5294	1	1	1	1	1	1	1	1	1	1	100.00
5295	1	1	1	1	1	1	1	1	1	1	100.00
5296	1	1	1	1	1	1	1	1	1	1	100.00
5297	1	1	1	1	1	1	1	1	1	1	100.00
5298	1	1	1	1	1	1	1	1	1	1	100.00
5299	1	1	1	1	1	1	1	1	1	1	100.00
5300	1	1	1	1	1	1	1	1	1	1	100.00
5301	1	1	1	1	1	1	1	1	1	1	100.00
5302	1	1	1	1	1	1	1	1	1	1	100.00
5303	1	1	1	1	1	1	1	1	1	1	100.00
5304	1	1	1	1	1	1	1	1	1	1	100.00
5305	1	1	1	1	1	1	1	1	1	1	100.00
5306	1	1	1	1	1	1	1	1	1	1	100.00
5307	1	1	1	1	1	1	1	1	1	1	100.00
5308	1	1	1	1	1	1	1	1	1	1	100.00
5309	1	1	1	1	1	1	1	1	1	1	100.00
5310	1	1	1	1	1	1	1	1	1	1	100.00
5311	1	1	1	1	1	1	1	1	1	1	100.00
5312	1	1	1	1	1	1	1	1	1	1	100.00
5313	1	1	1	1	1	1	1	1	1	1	100.00
5314	1	1	1	1	1	1	1	1	1	1	100.00

5315	1	1	1	1	1	1	1	1	1	1	100.00
5316	1	1	1	1	1	1	1	1	1	1	100.00
5317	1	1	1	1	1	1	1	1	1	1	100.00
5318	1	1	1	1	1	1	1	1	1	1	100.00
5319	1	1	1	1	1	1	1	1	1	1	100.00
5320	1	1	1	1	1	1	1	1	1	1	100.00
5321	1	1	1	1	1	1	1	1	1	1	100.00
5322	1	1	1	1	1	1	1	1	1	1	100.00
5323	1	1	1	1	1	1	1	1	1	1	100.00
5324	1	1	1	1	1	1	1	1	1	1	100.00
5325	1	1	1	1	1	1	1	1	1	1	100.00
5326	1	1	1	1	1	1	1	1	1	1	100.00
5327	1	1	1	1	1	1	1	1	1	1	100.00
5328 (FH)	1	1	1	1	1	1	1	1	1	1	100.00
5329	1	1	1	1	0	1	1	1	0	1	80.00
5330	0	0	0	0	0	0	0	0	0	0	0.00

Detection Bandwidth = FH - FL = 5328MHZ - 5291MHZ = 37MHZ

EUT 99% Bandwidth = 36.3454 MHz

UNII Detection Bandwidth Min. Limit = 36.3454MHz X 100% = 36.3454MHz

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器

Test Channel: 5290MHz-11ac80BW											
Radar Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5250	0	0	0	0	0	0	0	0	0	0	0.00
5251	1	1	1	1	1	0	1	1	0	1	80.00
5252 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5253	1	1	1	1	1	1	1	1	1	1	100.00
5254	1	1	1	1	1	1	1	1	1	1	100.00
5255	1	1	1	1	1	1	1	1	1	1	100.00
5256	1	1	1	1	1	1	1	1	1	1	100.00
5257	1	1	1	1	1	1	1	1	1	1	100.00
5258	1	1	1	1	1	1	1	1	1	1	100.00
5259	1	1	1	1	1	1	1	1	1	1	100.00
5260	1	1	1	1	1	1	1	1	1	1	100.00
5261	1	1	1	1	1	1	1	1	1	1	100.00
5262	1	1	1	1	1	1	1	1	1	1	100.00
5263	1	1	1	1	1	1	1	1	1	1	100.00
5264	1	1	1	1	1	1	1	1	1	1	100.00
5265	1	1	1	1	1	1	1	1	1	1	100.00
5266	1	1	1	1	1	1	1	1	1	1	100.00
5267	1	1	1	1	1	1	1	1	1	1	100.00
5268	1	1	1	1	1	1	1	1	1	1	100.00
5269	1	1	1	1	1	1	1	1	1	1	100.00
5270	1	1	1	1	1	1	1	1	1	1	100.00
5271	1	1	1	1	1	1	1	1	1	1	100.00
5272	1	1	1	1	1	1	1	1	1	1	100.00
5273	1	1	1	1	1	1	1	1	1	1	100.00
5274	1	1	1	1	1	1	1	1	1	1	100.00
5275	1	1	1	1	1	1	1	1	1	1	100.00
5276	1	1	1	1	1	1	1	1	1	1	100.00
5277	1	1	1	1	1	1	1	1	1	1	100.00
5278	1	1	1	1	1	1	1	1	1	1	100.00
5279	1	1	1	1	1	1	1	1	1	1	100.00
5280	1	1	1	1	1	1	1	1	1	1	100.00
5281	1	1	1	1	1	1	1	1	1	1	100.00
5282	1	1	1	1	1	1	1	1	1	1	100.00
5283	1	1	1	1	1	1	1	1	1	1	100.00
5284	1	1	1	1	1	1	1	1	1	1	100.00
5285	1	1	1	1	1	1	1	1	1	1	100.00
5286	1	1	1	1	1	1	1	1	1	1	100.00

5287	1	1	1	1	1	1	1	1	1	1	100.00
5288	1	1	1	1	1	1	1	1	1	1	100.00
5289	1	1	1	1	1	1	1	1	1	1	100.00
5290	1	1	1	1	1	1	1	1	1	1	100.00
5291	1	1	1	1	1	1	1	1	1	1	100.00
5292	1	1	1	1	1	1	1	1	1	1	100.00
5293	1	1	1	1	1	1	1	1	1	1	100.00
5294	1	1	1	1	1	1	1	1	1	1	100.00
5295	1	1	1	1	1	1	1	1	1	1	100.00
5296	1	1	1	1	1	1	1	1	1	1	100.00
5297	1	1	1	1	1	1	1	1	1	1	100.00
5298	1	1	1	1	1	1	1	1	1	1	100.00
5299	1	1	1	1	1	1	1	1	1	1	100.00
5300	1	1	1	1	1	1	1	1	1	1	100.00
5301	1	1	1	1	1	1	1	1	1	1	100.00
5302	1	1	1	1	1	1	1	1	1	1	100.00
5303	1	1	1	1	1	1	1	1	1	1	100.00
5304	1	1	1	1	1	1	1	1	1	1	100.00
5305	1	1	1	1	1	1	1	1	1	1	100.00
5306	1	1	1	1	1	1	1	1	1	1	100.00
5307	1	1	1	1	1	1	1	1	1	1	100.00
5308	1	1	1	1	1	1	1	1	1	1	100.00
5309	1	1	1	1	1	1	1	1	1	1	100.00
5310	1	1	1	1	1	1	1	1	1	1	100.00
5311	1	1	1	1	1	1	1	1	1	1	100.00
5312	1	1	1	1	1	1	1	1	1	1	100.00
5313	1	1	1	1	1	1	1	1	1	1	100.00
5314	1	1	1	1	1	1	1	1	1	1	100.00
5315	1	1	1	1	1	1	1	1	1	1	100.00
5316	1	1	1	1	1	1	1	1	1	1	100.00
5317	1	1	1	1	1	1	1	1	1	1	100.00
5318	1	1	1	1	1	1	1	1	1	1	100.00
5319	1	1	1	1	1	1	1	1	1	1	100.00
5320	1	1	1	1	1	1	1	1	1	1	100.00
5321	1	1	1	1	1	1	1	1	1	1	100.00
5322	1	1	1	1	1	1	1	1	1	1	100.00
5323	1	1	1	1	1	1	1	1	1	1	100.00
5324	1	1	1	1	1	1	1	1	1	1	100.00
5325	1	1	1	1	1	1	1	1	1	1	100.00
5326	1	1	1	1	1	1	1	1	1	1	100.00
5327	1	1	1	1	1	1	1	1	1	1	100.00
5328	1	1	1	1	1	1	1	1	1	1	100.00
5329(FH)	1	1	1	1	1	1	1	1	1	1	100.00
5330	0	0	0	0	0	0	0	0	0	0	0.00
Detection Bandwidth = FH - FL = 5329MHZ - 5252MHZ = 77MHZ											
EUT 99% Bandwidth = 75.9155 MHz											
UNII Detection Bandwidth Min. Limit = 75.9155MHz X 100% = 75.9155MHz											

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器

Test Channel: 5290MHz-11ax80BW											
Radar Frequency (MHz)	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate (%)
5250	0	0	0	0	0	0	0	0	0	0	0.00
5251 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5252	1	1	1	1	1	1	1	1	1	1	100.00
5253	1	1	1	1	1	1	1	1	1	1	100.00
5254	1	1	1	1	1	1	1	1	1	1	100.00
5255	1	1	1	1	1	1	1	1	1	1	100.00
5256	1	1	1	1	1	1	1	1	1	1	100.00
5257	1	1	1	1	1	1	1	1	1	1	100.00
5258	1	1	1	1	1	1	1	1	1	1	100.00
5259	1	1	1	1	1	1	1	1	1	1	100.00
5260	1	1	1	1	1	1	1	1	1	1	100.00
5261	1	1	1	1	1	1	1	1	1	1	100.00
5262	1	1	1	1	1	1	1	1	1	1	100.00
5263	1	1	1	1	1	1	1	1	1	1	100.00
5264	1	1	1	1	1	1	1	1	1	1	100.00
5265	1	1	1	1	1	1	1	1	1	1	100.00
5266	1	1	1	1	1	1	1	1	1	1	100.00
5267	1	1	1	1	1	1	1	1	1	1	100.00
5268	1	1	1	1	1	1	1	1	1	1	100.00
5269	1	1	1	1	1	1	1	1	1	1	100.00
5270	1	1	1	1	1	1	1	1	1	1	100.00
5271	1	1	1	1	1	1	1	1	1	1	100.00
5272	1	1	1	1	1	1	1	1	1	1	100.00
5273	1	1	1	1	1	1	1	1	1	1	100.00
5274	1	1	1	1	1	1	1	1	1	1	100.00
5275	1	1	1	1	1	1	1	1	1	1	100.00
5276	1	1	1	1	1	1	1	1	1	1	100.00
5277	1	1	1	1	1	1	1	1	1	1	100.00
5278	1	1	1	1	1	1	1	1	1	1	100.00
5279	1	1	1	1	1	1	1	1	1	1	100.00
5280	1	1	1	1	1	1	1	1	1	1	100.00
5281	1	1	1	1	1	1	1	1	1	1	100.00
5282	1	1	1	1	1	1	1	1	1	1	100.00
5283	1	1	1	1	1	1	1	1	1	1	100.00
5284	1	1	1	1	1	1	1	1	1	1	100.00
5285	1	1	1	1	1	1	1	1	1	1	100.00
5286	1	1	1	1	1	1	1	1	1	1	100.00

5287	1	1	1	1	1	1	1	1	1	1	100.00
5288	1	1	1	1	1	1	1	1	1	1	100.00
5289	1	1	1	1	1	1	1	1	1	1	100.00
5290	1	1	1	1	1	1	1	1	1	1	100.00
5291	1	1	1	1	1	1	1	1	1	1	100.00
5292	1	1	1	1	1	1	1	1	1	1	100.00
5293	1	1	1	1	1	1	1	1	1	1	100.00
5294	1	1	1	1	1	1	1	1	1	1	100.00
5295	1	1	1	1	1	1	1	1	1	1	100.00
5296	1	1	1	1	1	1	1	1	1	1	100.00
5297	1	1	1	1	1	1	1	1	1	1	100.00
5298	1	1	1	1	1	1	1	1	1	1	100.00
5299	1	1	1	1	1	1	1	1	1	1	100.00
5300	1	1	1	1	1	1	1	1	1	1	100.00
5301	1	1	1	1	1	1	1	1	1	1	100.00
5302	1	1	1	1	1	1	1	1	1	1	100.00
5303	1	1	1	1	1	1	1	1	1	1	100.00
5304	1	1	1	1	1	1	1	1	1	1	100.00
5305	1	1	1	1	1	1	1	1	1	1	100.00
5306	1	1	1	1	1	1	1	1	1	1	100.00
5307	1	1	1	1	1	1	1	1	1	1	100.00
5308	1	1	1	1	1	1	1	1	1	1	100.00
5309	1	1	1	1	1	1	1	1	1	1	100.00
5310	1	1	1	1	1	1	1	1	1	1	100.00
5311	1	1	1	1	1	1	1	1	1	1	100.00
5312	1	1	1	1	1	1	1	1	1	1	100.00
5313	1	1	1	1	1	1	1	1	1	1	100.00
5314	1	1	1	1	1	1	1	1	1	1	100.00
5315	1	1	1	1	1	1	1	1	1	1	100.00
5316	1	1	1	1	1	1	1	1	1	1	100.00
5317	1	1	1	1	1	1	1	1	1	1	100.00
5318	1	1	1	1	1	1	1	1	1	1	100.00
5319	1	1	1	1	1	1	1	1	1	1	100.00
5320	1	1	1	1	1	1	1	1	1	1	100.00
5321	1	1	1	1	1	1	1	1	1	1	100.00
5322	1	1	1	1	1	1	1	1	1	1	100.00
5323	1	1	1	1	1	1	1	1	1	1	100.00
5324	1	1	1	1	1	1	1	1	1	1	100.00
5325	1	1	1	1	1	1	1	1	1	1	100.00
5326	1	1	1	1	1	1	1	1	1	1	100.00
5327	1	1	1	1	1	1	1	1	1	1	100.00
5328	1	1	1	1	1	1	1	1	1	1	100.00
5329(FH)	1	1	1	1	1	1	1	1	1	1	100.00
5330	0	0	1	0	0	1	0	0	0	0	20.00
Detection Bandwidth = FH - FL = 5329MHZ - 5251MHZ = 78MHZ											
EUT 99% Bandwidth = 76.8153 MHz											
UNII Detection Bandwidth Min. Limit = 76.8153MHz X 100% = 76.8153MHz											

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器

Test Channel: 5500MHz-20BW											
Radars Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5490	0	0	0	0	0	0	0	0	0	0	0.00
5491 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5492	1	1	1	1	1	1	1	1	1	1	100.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	1	1	1	1	1	1	1	100.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509 (FH)	1	1	1	1	1	1	1	1	1	1	100.00
5510	1	1	1	1	1	1	1	0	1	0	80.00
Detection Bandwidth = FH - FL =5509MHZ - 5491MHZ = 18MHZ											
EUT 99% Bandwidth = 17.6165 MHz											
UNII Detection Bandwidth Min. Limit = 17.6165MHz X 100% = 17.6165MHz											

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器

Test Channel: 5510MHz-40BW											
Radar Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5490	0	0	0	0	0	0	0	0	0	0	0.00
5491 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5492	1	1	1	1	1	1	1	1	1	1	100.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	1	1	1	1	1	1	1	100.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509	1	1	1	1	1	1	1	1	1	1	100.00
5510	1	1	1	1	1	1	1	1	1	1	100.00
5511	1	1	1	1	1	1	1	1	1	1	100.00
5512	1	1	1	1	1	1	1	1	1	1	100.00
5513	1	1	1	1	1	1	1	1	1	1	100.00
5514	1	1	1	1	1	1	1	1	1	1	100.00

5515	1	1	1	1	1	1	1	1	1	1	100.00
5516	1	1	1	1	1	1	1	1	1	1	100.00
5517	1	1	1	1	1	1	1	1	1	1	100.00
5518	1	1	1	1	1	1	1	1	1	1	100.00
5519	1	1	1	1	1	1	1	1	1	1	100.00
5520	1	1	1	1	1	1	1	1	1	1	100.00
5521	1	1	1	1	1	1	1	1	1	1	100.00
5522	1	1	1	1	1	1	1	1	1	1	100.00
5523	1	1	1	1	1	1	1	1	1	1	100.00
5524	1	1	1	1	1	1	1	1	1	1	100.00
5525	1	1	1	1	1	1	1	1	1	1	100.00
5526	1	1	1	1	1	1	1	1	1	1	100.00
5527	1	1	1	1	1	1	1	1	1	1	100.00
5528	1	1	1	1	1	1	1	1	1	1	100.00
5529(FH)	1	1	1	1	1	1	1	1	1	1	100.00
5530	0	0	1	1	0	0	1	0	1	0	40.00

Detection Bandwidth = FH - FL = 5529MHZ - 5491MHZ = 38MHZ

EUT 99% Bandwidth = 36.2329MHz

UNII Detection Bandwidth Min. Limit = 36.2329MHz X 100% = 36.2329MHz

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器

Test Channel: 5530MHz-11ac80BW											
Radar Frequency	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5490	0	0	0	0	0	0	0	1	0	0	10.00
5491 (FL)	1	1	1	1	1	0	1	1	1	1	90.00
5492	1	1	1	1	1	1	1	1	1	1	100.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	1	1	1	1	1	1	1	100.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509	1	1	1	1	1	1	1	1	1	1	100.00
5510	1	1	1	1	1	1	1	1	1	1	100.00
5511	1	1	1	1	1	1	1	1	1	1	100.00
5512	1	1	1	1	1	1	1	1	1	1	100.00
5513	1	1	1	1	1	1	1	1	1	1	100.00
5514	1	1	1	1	1	1	1	1	1	1	100.00
5515	1	1	1	1	1	1	1	1	1	1	100.00
5516	1	1	1	1	1	1	1	1	1	1	100.00
5517	1	1	1	1	1	1	1	1	1	1	100.00
5518	1	1	1	1	1	1	1	1	1	1	100.00
5519	1	1	1	1	1	1	1	1	1	1	100.00
5520	1	1	1	1	1	1	1	1	1	1	100.00
5521	1	1	1	1	1	1	1	1	1	1	100.00
5522	1	1	1	1	1	1	1	1	1	1	100.00
5523	1	1	1	1	1	1	1	1	1	1	100.00
5524	1	1	1	1	1	1	1	1	1	1	100.00
5525	1	1	1	1	1	1	1	1	1	1	100.00
5526	1	1	1	1	1	1	1	1	1	1	100.00

5527	1	1	1	1	1	1	1	1	1	1	100.00
5528	1	1	1	1	1	1	1	1	1	1	100.00
5529	1	1	1	1	1	1	1	1	1	1	100.00
5530	1	1	1	1	1	1	1	1	1	1	100.00
5531	1	1	1	1	1	1	1	1	1	1	100.00
5532	1	1	1	1	1	1	1	1	1	1	100.00
5533	1	1	1	1	1	1	1	1	1	1	100.00
5534	1	1	1	1	1	1	1	1	1	1	100.00
5535	1	1	1	1	1	1	1	1	1	1	100.00
5536	1	1	1	1	1	1	1	1	1	1	100.00
5537	1	1	1	1	1	1	1	1	1	1	100.00
5538	1	1	1	1	1	1	1	1	1	1	100.00
5539	1	1	1	1	1	1	1	1	1	1	100.00
5540	1	1	1	1	1	1	1	1	1	1	100.00
5541	1	1	1	1	1	1	1	1	1	1	100.00
5542	1	1	1	1	1	1	1	1	1	1	100.00
5543	1	1	1	1	1	1	1	1	1	1	100.00
5544	1	1	1	1	1	1	1	1	1	1	100.00
5545	1	1	1	1	1	1	1	1	1	1	100.00
5546	1	1	1	1	1	1	1	1	1	1	100.00
5547	1	1	1	1	1	1	1	1	1	1	100.00
5548	1	1	1	1	1	1	1	1	1	1	100.00
5549	1	1	1	1	1	1	1	1	1	1	100.00
5550	1	1	1	1	1	1	1	1	1	1	100.00
5551	1	1	1	1	1	1	1	1	1	1	100.00
5552	1	1	1	1	1	1	1	1	1	1	100.00
5553	1	1	1	1	1	1	1	1	1	1	100.00
5554	1	1	1	1	1	1	1	1	1	1	100.00
5555	1	1	1	1	1	1	1	1	1	1	100.00
5556	1	1	1	1	1	1	1	1	1	1	100.00
5557	1	1	1	1	1	1	1	1	1	1	100.00
5558	1	1	1	1	1	1	1	1	1	1	100.00
5559	1	1	1	1	1	1	1	1	1	1	100.00
5560	1	1	1	1	1	1	1	1	1	1	100.00
5561	1	1	1	1	1	1	1	1	1	1	100.00
5562	1	1	1	1	1	1	1	1	1	1	100.00
5563	1	1	1	1	1	1	1	1	1	1	100.00
5564	1	1	1	1	1	1	1	1	1	1	100.00
5565	1	1	1	1	1	1	1	1	1	1	100.00
5566	1	1	1	1	1	1	1	1	1	1	100.00
5567	1	1	1	1	1	1	1	1	1	1	100.00
5568	1	1	1	1	1	1	1	1	1	1	100.00
5569 (FH)	1	1	1	1	1	1	1	1	1	1	100.00
5570	0	0	0	1	1	0	1	0	0	0	30.00
Detection Bandwidth = FH - FL =5569MHZ - 5491MHZ = 78MHZ											
EUT 99% Bandwidth =75.7405 MHz											
UNII Detection Bandwidth Min. Limit = 75.7405MHz X 100% = 75.7405MHz											

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：UNII Detection bandwidth

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器

Test Channel: 5570MHz-11ac160BW											
Radar Frequency (MHz)	DFS Detection Trials (1= Detection , 0= No Detection)										Detection Rate (%)
5490	0	0	0	1	0	1	0	0	1	0	30.00
5491	1	1	0	1	1	1	1	0	1	1	80.00
5492 (FL)	1	1	1	1	1	1	1	1	1	1	100.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	1	1	1	1	1	1	1	100.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509	1	1	1	1	1	1	1	1	1	1	100.00
5510	1	1	1	1	1	1	1	1	1	1	100.00
5511	1	1	1	1	1	1	1	1	1	1	100.00
5512	1	1	1	1	1	1	1	1	1	1	100.00
5513	1	1	1	1	1	1	1	1	1	1	100.00
5514	1	1	1	1	1	1	1	1	1	1	100.00
5515	1	1	1	1	1	1	1	1	1	1	100.00
5516	1	1	1	1	1	1	1	1	1	1	100.00
5517	1	1	1	1	1	1	1	1	1	1	100.00
5518	1	1	1	1	1	1	1	1	1	1	100.00
5519	1	1	1	1	1	1	1	1	1	1	100.00
5520	1	1	1	1	1	1	1	1	1	1	100.00
5521	1	1	1	1	1	1	1	1	1	1	100.00
5522	1	1	1	1	1	1	1	1	1	1	100.00
5523	1	1	1	1	1	1	1	1	1	1	100.00
5524	1	1	1	1	1	1	1	1	1	1	100.00
5525	1	1	1	1	1	1	1	1	1	1	100.00
5526	1	1	1	1	1	1	1	1	1	1	100.00
5527	1	1	1	1	1	1	1	1	1	1	100.00

5528	1	1	1	1	1	1	1	1	1	1	100.00
5529	1	1	1	1	1	1	1	1	1	1	100.00
5530	1	1	1	1	1	1	1	1	1	1	100.00
5531	1	1	1	1	1	1	1	1	1	1	100.00
5532	1	1	1	1	1	1	1	1	1	1	100.00
5533	1	1	1	1	1	1	1	1	1	1	100.00
5534	1	1	1	1	1	1	1	1	1	1	100.00
5535	1	1	1	1	1	1	1	1	1	1	100.00
5536	1	1	1	1	1	1	1	1	1	1	100.00
5537	1	1	1	1	1	1	1	1	1	1	100.00
5538	1	1	1	1	1	1	1	1	1	1	100.00
5539	1	1	1	1	1	1	1	1	1	1	100.00
5540	1	1	1	1	1	1	1	1	1	1	100.00
5541	1	1	1	1	1	1	1	1	1	1	100.00
5542	1	1	1	1	1	1	1	1	1	1	100.00
5543	1	1	1	1	1	1	1	1	1	1	100.00
5544	1	1	1	1	1	1	1	1	1	1	100.00
5545	1	1	1	1	1	1	1	1	1	1	100.00
5546	1	1	1	1	1	1	1	1	1	1	100.00
5547	1	1	1	1	1	1	1	1	1	1	100.00
5548	1	1	1	1	1	1	1	1	1	1	100.00
5549	1	1	1	1	1	1	1	1	1	1	100.00
5550	1	1	1	1	1	1	1	1	1	1	100.00
5551	1	1	1	1	1	1	1	1	1	1	100.00
5552	1	1	1	1	1	1	1	1	1	1	100.00
5553	1	1	1	1	1	1	1	1	1	1	100.00
5554	1	1	1	1	1	1	1	1	1	1	100.00
5555	1	1	1	1	1	1	1	1	1	1	100.00
5556	1	1	1	1	1	1	1	1	1	1	100.00
5557	1	1	1	1	1	1	1	1	1	1	100.00
5558	1	1	1	1	1	1	1	1	1	1	100.00
5559	1	1	1	1	1	1	1	1	1	1	100.00
5560	1	1	1	1	1	1	1	1	1	1	100.00
5561	1	1	1	1	1	1	1	1	1	1	100.00
5562	1	1	1	1	1	1	1	1	1	1	100.00
5563	1	1	1	1	1	1	1	1	1	1	100.00
5564	1	1	1	1	1	1	1	1	1	1	100.00
5565	1	1	1	1	1	1	1	1	1	1	100.00
5566	1	1	1	1	1	1	1	1	1	1	100.00
5567	1	1	1	1	1	1	1	1	1	1	100.00
5568	1	1	1	1	1	1	1	1	1	1	100.00
5569	1	1	1	1	1	1	1	1	1	1	100.00
5570	1	1	1	1	1	1	1	1	1	1	100.00
5571	1	1	1	1	1	1	1	1	1	1	100.00
5572	1	1	1	1	1	1	1	1	1	1	100.00
5573	1	1	1	1	1	1	1	1	1	1	100.00
5574	1	1	1	1	1	1	1	1	1	1	100.00
5575	1	1	1	1	1	1	1	1	1	1	100.00
5576	1	1	1	1	1	1	1	1	1	1	100.00
5577	1	1	1	1	1	1	1	1	1	1	100.00

5578	1	1	1	1	1	1	1	1	1	1	100.00
5579	1	1	1	1	1	1	1	1	1	1	100.00
5580	1	1	1	1	1	1	1	1	1	1	100.00
5581	1	1	1	1	1	1	1	1	1	1	100.00
5582	1	1	1	1	1	1	1	1	1	1	100.00
5583	1	1	1	1	1	1	1	1	1	1	100.00
5584	1	1	1	1	1	1	1	1	1	1	100.00
5585	1	1	1	1	1	1	1	1	1	1	100.00
5586	1	1	1	1	1	1	1	1	1	1	100.00
5587	1	1	1	1	1	1	1	1	1	1	100.00
5588	1	1	1	1	1	1	1	1	1	1	100.00
5589	1	1	1	1	1	1	1	1	1	1	100.00
5590	1	1	1	1	1	1	1	1	1	1	100.00
5591	1	1	1	1	1	1	1	1	1	1	100.00
5592	1	1	1	1	1	1	1	1	1	1	100.00
5593	1	1	1	1	1	1	1	1	1	1	100.00
5594	1	1	1	1	1	1	1	1	1	1	100.00
5595	1	1	1	1	1	1	1	1	1	1	100.00
5596	1	1	1	1	1	1	1	1	1	1	100.00
5597	1	1	1	1	1	1	1	1	1	1	100.00
5598	1	1	1	1	1	1	1	1	1	1	100.00
5599	1	1	1	1	1	1	1	1	1	1	100.00
5600	1	1	1	1	1	1	1	1	1	1	100.00
5601	1	1	1	1	1	1	1	1	1	1	100.00
5602	1	1	1	1	1	1	1	1	1	1	100.00
5603	1	1	1	1	1	1	1	1	1	1	100.00
5604	1	1	1	1	1	1	1	1	1	1	100.00
5605	1	1	1	1	1	1	1	1	1	1	100.00
5606	1	1	1	1	1	1	1	1	1	1	100.00
5607	1	1	1	1	1	1	1	1	1	1	100.00
5608	1	1	1	1	1	1	1	1	1	1	100.00
5609	1	1	1	1	1	1	1	1	1	1	100.00
5610	1	1	1	1	1	1	1	1	1	1	100.00
5611	1	1	1	1	1	1	1	1	1	1	100.00
5612	1	1	1	1	1	1	1	1	1	1	100.00
5613	1	1	1	1	1	1	1	1	1	1	100.00
5614	1	1	1	1	1	1	1	1	1	1	100.00
5615	1	1	1	1	1	1	1	1	1	1	100.00
5616	1	1	1	1	1	1	1	1	1	1	100.00
5617	1	1	1	1	1	1	1	1	1	1	100.00
5618	1	1	1	1	1	1	1	1	1	1	100.00
5619	1	1	1	1	1	1	1	1	1	1	100.00
5620	1	1	1	1	1	1	1	1	1	1	100.00
5621	1	1	1	1	1	1	1	1	1	1	100.00
5622	1	1	1	1	1	1	1	1	1	1	100.00
5623	1	1	1	1	1	1	1	1	1	1	100.00
5624	1	1	1	1	1	1	1	1	1	1	100.00
5625	1	1	1	1	1	1	1	1	1	1	100.00
5626	1	1	1	1	1	1	1	1	1	1	100.00
5627	1	1	1	1	1	1	1	1	1	1	100.00

5628	1	1	1	1	1	1	1	1	1	1	100.00
5629	1	1	1	1	1	1	1	1	1	1	100.00
5630	1	1	1	1	1	1	1	1	1	1	100.00
5631	1	1	1	1	1	1	1	1	1	1	100.00
5632	1	1	1	1	1	1	1	1	1	1	100.00
5633	1	1	1	1	1	1	1	1	1	1	100.00
5634	1	1	1	1	1	1	1	1	1	1	100.00
5635	1	1	1	1	1	1	1	1	1	1	100.00
5636	1	1	1	1	1	1	1	1	1	1	100.00
5637	1	1	1	1	1	1	1	1	1	1	100.00
5638	1	1	1	1	1	1	1	1	1	1	100.00
5639	1	1	1	1	1	1	1	1	1	1	100.00
5640	1	1	1	1	1	1	1	1	1	1	100.00
5641	1	1	1	1	1	1	1	1	1	1	100.00
5642	1	1	1	1	1	1	1	1	1	1	100.00
5643	1	1	1	1	1	1	1	1	1	1	100.00
5644	1	1	1	1	1	1	1	1	1	1	100.00
5645	1	1	1	1	1	1	1	1	1	1	100.00
5646	1	1	1	1	1	1	1	1	1	1	100.00
5647	1	1	1	1	1	1	1	1	1	1	100.00
5648	1	1	1	1	1	1	1	1	1	1	100.00
5649 (FH)	1	1	1	1	1	1	1	1	1	1	100.00
5650	1	1	0	1	0	1	1	1	1	0	70.00
Detection Bandwidth = FH - FL =5649MHZ - 5492MHZ = 157MHZ											
EUT 99% Bandwidth =155.3430 MHz											
UNII Detection Bandwidth Min. Limit = 155.343MHz X 100% = 155.343MHz											

3.7. DFS 偵測門檻值量測結果

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器 5500MHz-11n20BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5500	1	3066	18	1
2	5500	1	678	78	1
3	5500	1	818	65	1
4	5500	1	738	72	1
5	5500	1	898	59	1
6	5500	1	818	65	1
7	5500	1	638	83	0
8	5500	1	558	95	1
9	5500	1	898	59	1
10	5500	1	898	59	1
11	5500	1	878	61	1
12	5500	1	658	81	1
13	5500	1	818	65	1
14	5500	1	678	78	1
15	5500	1	818	65	1
16	5500	1	658	81	1
17	5500	1	898	59	1
18	5500	1	538	98	1
19	5500	1	598	89	1
20	5500	1	758	70	1
21	5500	1	698	76	0
22	5500	1	538	98	1
23	5500	1	618	86	1
24	5500	1	598	89	1
25	5500	1	618	86	1
26	5500	1	658	81	1
27	5500	1	538	98	1
28	5500	1	798	67	1
29	5500	1	598	89	1
30	5500	1	858	62	1
Detection Percentage(%)					93.3%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5500	2.9	195	28	1
2	5500	4.4	220	24	1
3	5500	2.2	215	25	1
4	5500	4.3	161	28	1
5	5500	2.6	150	29	1
6	5500	1.8	219	24	0
7	5500	4.5	201	24	1
8	5500	4.9	215	24	1
9	5500	2.9	216	28	1
10	5500	3.9	177	25	1
11	5500	4.2	167	29	1
12	5500	1.1	212	25	1
13	5500	4.7	185	26	1
14	5500	1.8	192	25	1
15	5500	2	227	26	0
16	5500	2.2	155	29	1
17	5500	2.3	173	26	1
18	5500	4.8	173	24	1
19	5500	2.7	206	25	1
20	5500	3.1	192	28	1
21	5500	1.3	211	26	1
22	5500	3.4	164	27	1
23	5500	4.4	198	27	1
24	5500	1.7	198	27	1
25	5500	4.6	170	24	1
26	5500	2.3	218	25	1
27	5500	4.2	174	29	1
28	5500	1.3	212	26	1
29	5500	2.8	196	25	0
30	5500	2.4	201	29	0
Detection Percentage(%)					86.6%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5500	9.3	450	16	1
2	5500	6.3	203	18	1
3	5500	9.4	330	18	1
4	5500	7	337	16	1
5	5500	6.7	272	16	1
6	5500	8.2	273	17	1
7	5500	8.2	343	16	0
8	5500	10	358	16	1
9	5500	7.6	392	18	1
10	5500	8	499	17	1
11	5500	9.3	419	18	1
12	5500	8.8	204	16	0
13	5500	6.1	355	18	1
14	5500	6.9	219	17	1
15	5500	7	443	17	0
16	5500	6.4	318	17	1
17	5500	9.9	401	18	1
18	5500	7.3	240	17	1
19	5500	6.6	473	17	0
20	5500	8.4	443	17	1
21	5500	9.5	355	17	1
22	5500	7.4	353	18	1
23	5500	8.8	415	17	1
24	5500	6.7	394	17	0
25	5500	7	499	17	1
26	5500	7.4	308	18	1
27	5500	8.1	488	16	1
28	5500	8.4	464	17	1
29	5500	7.8	493	17	1
30	5500	8.9	350	17	1
Detection Percentage(%)					83.3%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5500	11.8	378	15	1
2	5500	18.4	380	13	1
3	5500	13.6	367	12	0
4	5500	18.4	358	14	1
5	5500	11.3	473	16	0
6	5500	11.2	395	15	1
7	5500	12.6	488	15	1
8	5500	17.9	342	16	1
9	5500	12.4	361	14	1
10	5500	12.8	392	13	1
11	5500	12.7	463	13	0
12	5500	11.3	366	14	1
13	5500	15.8	321	15	1
14	5500	18.3	365	16	1
15	5500	15.2	313	15	0
16	5500	16	470	12	1
17	5500	18.7	398	16	1
18	5500	18.4	397	13	1
19	5500	14.6	267	13	0
20	5500	11.7	254	14	1
21	5500	11.1	456	16	1
22	5500	14.1	284	13	0
23	5500	11	308	12	1
24	5500	12.4	484	16	1
25	5500	17.7	467	14	1
26	5500	15.6	415	13	0
27	5500	18	329	13	1
28	5500	12.6	459	14	1
29	5500	16.5	267	14	1
30	5500	16.8	200	12	1
Detection Percentage(%)					76.6%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	93.3	>60%	Pass
2	86.6	>60%	Pass
3	83.3	>60%	Pass
4	76.6	>60%	Pass
Total Type 1~4	84.95	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器 5510MHz-11n40BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	1	578	92	1
2	5510	1	638	83	1
3	5510	1	878	61	1
4	5510	1	798	67	1
5	5510	1	578	92	1
6	5510	1	558	95	1
7	5510	1	678	78	1
8	5510	1	918	58	0
9	5510	1	718	74	1
10	5510	1	738	72	1
11	5510	1	698	76	1
12	5510	1	678	78	1
13	5510	1	738	72	1
14	5510	1	898	59	1
15	5510	1	3066	18	1
16	5510	1	558	95	1
17	5510	1	898	59	1
18	5510	1	718	74	1
19	5510	1	898	59	1
20	5510	1	658	81	1
21	5510	1	718	74	1
22	5510	1	898	59	1
23	5510	1	898	59	1
24	5510	1	758	70	1
25	5510	1	798	67	1
26	5510	1	558	95	1
27	5510	1	578	92	1
28	5510	1	838	63	1
29	5510	1	898	59	1
30	5510	1	898	59	1
Detection Percentage(%)					96.6%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	2.1	161	28	1
2	5510	4.1	152	29	1
3	5510	4.4	170	24	1
4	5510	3.9	192	24	1
5	5510	3.7	210	25	1
6	5510	3.2	182	25	1
7	5510	4	163	24	0
8	5510	1.9	211	29	1
9	5510	1.9	203	29	1
10	5510	4.6	214	24	1
11	5510	1.6	227	24	1
12	5510	2.4	214	26	1
13	5510	2.3	169	26	0
14	5510	4.4	164	23	1
15	5510	1.8	158	23	1
16	5510	2.3	168	25	1
17	5510	1.8	170	24	1
18	5510	1.5	185	23	1
19	5510	4.8	157	26	1
20	5510	1.5	205	24	1
21	5510	4.2	197	23	0
22	5510	2.9	217	28	1
23	5510	1.2	180	25	1
24	5510	2.6	165	25	1
25	5510	3.7	173	28	1
26	5510	3.8	222	29	1
27	5510	4.5	184	29	1
28	5510	3.9	210	25	1
29	5510	2.9	222	24	1
30	5510	4	218	24	1
Detection Percentage(%)					90.0%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	6.6	276	18	1
2	5510	7.6	417	18	1
3	5510	9.8	305	17	1
4	5510	8	496	17	1
5	5510	9.4	380	16	0
6	5510	9.5	314	18	1
7	5510	7.4	366	18	1
8	5510	6.4	434	18	1
9	5510	7.4	406	16	1
10	5510	7	396	16	1
11	5510	8.2	378	17	1
12	5510	6.5	394	16	0
13	5510	9.5	382	17	1
14	5510	7.7	492	17	1
15	5510	9.9	287	16	1
16	5510	8.9	435	18	1
17	5510	6.5	470	17	1
18	5510	7.2	463	17	0
19	5510	9.7	420	16	1
20	5510	8.8	237	17	1
21	5510	8.3	329	17	1
22	5510	9.5	488	18	1
23	5510	6.7	367	17	0
24	5510	6.9	426	18	1
25	5510	7.1	299	18	1
26	5510	8.9	391	18	1
27	5510	7.9	348	17	1
28	5510	8.1	228	17	1
29	5510	9.1	368	17	1
30	5510	9.2	406	17	1
Detection Percentage(%)					86.6%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	12.5	213	16	1
2	5510	14.5	216	14	1
3	5510	17.2	281	14	1
4	5510	15.6	456	12	1
5	5510	19.5	332	13	1
6	5510	16.6	370	15	1
7	5510	12.8	260	13	1
8	5510	18.8	229	15	0
9	5510	18.4	332	15	1
10	5510	16.4	401	13	1
11	5510	14.8	261	13	1
12	5510	11.6	206	14	1
13	5510	18.9	227	12	0
14	5510	14.9	223	14	1
15	5510	17.2	269	14	1
16	5510	12.9	363	16	1
17	5510	11.8	306	12	0
18	5510	19.1	457	13	1
19	5510	14.3	500	13	1
20	5510	11.1	350	15	1
21	5510	16.6	339	15	1
22	5510	14.8	218	14	1
23	5510	12.3	222	16	0
24	5510	16.1	215	12	1
25	5510	15.5	426	15	1
26	5510	15.9	298	14	1
27	5510	12.8	268	13	1
28	5510	12	263	12	0
29	5510	12.6	322	13	1
30	5510	19.3	379	16	1
Detection Percentage(%)					83.3%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	96.6	>60%	Pass
2	90.0	>60%	Pass
3	86.6	>60%	Pass
4	83.3	>60%	Pass
Total Type 1~4	89.13	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器 5530MHz-11ac80BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	1	798	67	1
2	5530	1	618	86	1
3	5530	1	818	65	1
4	5530	1	538	98	1
5	5530	1	858	62	1
6	5530	1	738	72	1
7	5530	1	678	78	1
8	5530	1	718	74	1
9	5530	1	738	72	1
10	5530	1	838	63	1
11	5530	1	618	86	1
12	5530	1	658	81	1
13	5530	1	758	70	1
14	5530	1	758	70	1
15	5530	1	578	92	1
16	5530	1	618	86	1
17	5530	1	878	61	1
18	5530	1	658	81	1
19	5530	1	778	68	1
20	5530	1	538	98	1
21	5530	1	798	67	1
22	5530	1	858	62	1
23	5530	1	818	65	0
24	5530	1	798	67	1
25	5530	1	738	72	1
26	5530	1	638	83	1
27	5530	1	678	78	1
28	5530	1	858	62	1
29	5530	1	558	95	1
30	5530	1	538	98	0
Detection Percentage(%)					93.3%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	4	197	23	1
2	5530	4.7	179	26	1
3	5530	1.5	159	25	1
4	5530	1.3	198	25	1
5	5530	1.8	202	23	1
6	5530	3.5	178	23	1
7	5530	4.4	222	26	1
8	5530	4	167	26	0
9	5530	1.3	223	26	1
10	5530	1.2	158	24	1
11	5530	4.3	218	25	1
12	5530	2.3	181	28	1
13	5530	2.4	169	25	1
14	5530	1.4	179	26	1
15	5530	2.3	191	25	1
16	5530	3.6	162	26	1
17	5530	4.6	166	27	1
18	5530	4.8	167	26	1
19	5530	4.6	206	27	1
20	5530	4.1	179	29	0
21	5530	2.7	198	27	1
22	5530	3.4	162	28	1
23	5530	3.4	204	24	1
24	5530	4.6	158	26	1
25	5530	2.9	198	24	1
26	5530	2.2	156	25	1
27	5530	2.1	194	27	1
28	5530	2.6	203	26	1
29	5530	5	224	27	1
30	5530	4	211	24	1
Detection Percentage(%)					93.3%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	7.2	228	17	1
2	5530	9.9	239	16	1
3	5530	8.6	220	17	1
4	5530	9.4	416	16	0
5	5530	8.9	286	17	1
6	5530	9.1	424	17	1
7	5530	9.9	280	18	1
8	5530	7.6	200	17	1
9	5530	8.6	464	16	1
10	5530	7	200	18	1
11	5530	7.6	304	17	0
12	5530	7.3	495	17	1
13	5530	8.9	217	17	1
14	5530	6.7	376	18	1
15	5530	8.6	493	16	1
16	5530	6.1	380	17	1
17	5530	9	210	17	1
18	5530	6.5	392	18	0
19	5530	9	300	17	1
20	5530	8.6	236	16	1
21	5530	7	337	17	1
22	5530	7.6	444	16	1
23	5530	9.3	301	17	1
24	5530	8.1	258	16	1
25	5530	8.9	205	18	1
26	5530	6.3	349	17	1
27	5530	6.7	398	17	0
28	5530	6.5	217	18	1
29	5530	8.5	287	17	1
30	5530	9.2	467	16	1
Detection Percentage(%)					86.6%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	13.2	295	13	1
2	5530	18.1	260	12	1
3	5530	12.6	379	16	1
4	5530	11.2	217	15	1
5	5530	16.6	393	16	1
6	5530	19.1	428	15	1
7	5530	13.3	480	12	0
8	5530	13.8	441	15	1
9	5530	14	410	15	1
10	5530	17.2	240	14	1
11	5530	16.6	490	13	0
12	5530	17.2	295	13	0
13	5530	19.1	376	13	1
14	5530	15	466	12	1
15	5530	15.3	395	12	1
16	5530	16.1	419	15	0
17	5530	18.5	439	16	1
18	5530	17	408	14	1
19	5530	16.7	258	15	0
20	5530	13.8	290	14	1
21	5530	15.2	398	15	1
22	5530	18.2	283	13	1
23	5530	18.7	443	13	1
24	5530	18.7	458	15	1
25	5530	14.3	359	13	0
26	5530	13.4	396	12	1
27	5530	11.2	408	13	1
28	5530	14.3	355	13	1
29	5530	14.1	326	14	1
30	5530	18.3	427	14	1
Detection Percentage(%)					80.0%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	93.3	>60%	Pass
2	93.3	>60%	Pass
3	86.6	>60%	Pass
4	80.0	>60%	Pass
Total Type 1~4	88.30	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器 5530MHz-11ax80BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	1	838	63	0
2	5530	1	818	65	1
3	5530	1	738	72	1
4	5530	1	518	102	1
5	5530	1	938	57	1
6	5530	1	858	62	1
7	5530	1	858	62	1
8	5530	1	598	89	1
9	5530	1	898	59	1
10	5530	1	938	57	1
11	5530	1	518	102	1
12	5530	1	758	70	1
13	5530	1	858	62	1
14	5530	1	538	98	1
15	5530	1	838	63	1
16	5530	1	698	76	1
17	5530	1	738	72	1
18	5530	1	638	83	1
19	5530	1	538	98	1
20	5530	1	838	63	1
21	5530	1	538	98	1
22	5530	1	698	76	1
23	5530	1	878	61	1
24	5530	1	838	63	1
25	5530	1	898	59	1
26	5530	1	738	72	1
27	5530	1	758	70	1
28	5530	1	3066	18	1
29	5530	1	738	72	1
30	5530	1	658	81	1
Detection Percentage(%)					96.6%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	1.9	157	24	1
2	5530	4.3	196	29	1
3	5530	4.3	178	27	1
4	5530	4.7	168	26	1
5	5530	1.5	229	25	1
6	5530	2.5	153	27	0
7	5530	3.9	224	23	1
8	5530	4.1	215	24	1
9	5530	2.4	190	26	1
10	5530	1.6	185	29	1
11	5530	2.6	204	27	1
12	5530	4.8	213	23	0
13	5530	3.6	166	25	1
14	5530	5	223	26	1
15	5530	1.5	203	27	1
16	5530	4.8	202	27	1
17	5530	2.7	172	26	1
18	5530	1.8	169	24	0
19	5530	3.2	189	25	1
20	5530	3.2	225	27	1
21	5530	3	150	27	1
22	5530	3	226	28	1
23	5530	3.5	154	27	1
24	5530	4.4	171	28	1
25	5530	5	188	27	0
26	5530	1	181	24	1
27	5530	3.6	173	26	1
28	5530	4.7	191	25	1
29	5530	1.9	200	27	1
30	5530	2.6	230	23	1
Detection Percentage(%)					86.6%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	7.7	409	18	1
2	5530	9	498	16	1
3	5530	9.3	347	17	1
4	5530	9.6	229	17	1
5	5530	6.5	496	16	1
6	5530	9.5	420	18	1
7	5530	8.4	433	18	1
8	5530	9.8	477	16	1
9	5530	9.3	331	16	1
10	5530	7.9	299	18	1
11	5530	8	332	16	0
12	5530	8.4	408	16	1
13	5530	9.2	446	17	1
14	5530	7.2	463	17	1
15	5530	10	401	16	1
16	5530	9.2	315	17	0
17	5530	7.1	412	16	1
18	5530	6.2	307	17	1
19	5530	9.8	281	18	1
20	5530	8.7	353	17	1
21	5530	8.6	424	18	1
22	5530	9.5	301	18	1
23	5530	7.6	488	17	1
24	5530	6	313	17	1
25	5530	10	352	18	0
26	5530	9.5	267	16	1
27	5530	6.9	223	16	1
28	5530	7.6	392	17	1
29	5530	9.6	306	18	1
30	5530	7.2	359	16	0
Detection Percentage(%)					86.6%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	11.9	391	15	1
2	5530	14.3	451	14	1
3	5530	15	231	15	0
4	5530	11.5	216	13	1
5	5530	15.8	487	16	1
6	5530	14	213	15	1
7	5530	14.1	428	14	1
8	5530	14.5	482	14	1
9	5530	11.4	418	12	1
10	5530	17.4	231	16	0
11	5530	19.2	476	15	1
12	5530	15	475	14	1
13	5530	11.3	434	13	1
14	5530	18.1	407	15	1
15	5530	19.3	318	14	1
16	5530	18.1	489	13	0
17	5530	11.6	494	12	1
18	5530	17.2	478	14	1
19	5530	14	213	14	1
20	5530	13.5	285	14	1
21	5530	13.2	290	13	0
22	5530	12.9	215	14	1
23	5530	16.2	360	15	1
24	5530	17.1	241	14	1
25	5530	11.2	429	16	1
26	5530	14.3	259	15	1
27	5530	19.9	293	15	0
28	5530	15.2	301	15	1
29	5530	17.4	345	14	1
30	5530	13	267	13	1
Detection Percentage(%)					83.3%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	96.6	>60%	Pass
2	86.6	>60%	Pass
3	86.6	>60%	Pass
4	83.3	>60%	Pass
Total Type 1~4	88.28	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器 5300MHz-20BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	1	798	67	1
2	5300	1	638	83	1
3	5300	1	538	98	1
4	5300	1	618	86	1
5	5300	1	898	59	0
6	5300	1	578	92	1
7	5300	1	518	102	1
8	5300	1	758	70	1
9	5300	1	898	59	1
10	5300	1	758	70	1
11	5300	1	938	57	1
12	5300	1	658	81	0
13	5300	1	798	67	1
14	5300	1	838	63	1
15	5300	1	578	92	1
16	5300	1	538	98	1
17	5300	1	638	83	1
18	5300	1	3066	18	1
19	5300	1	618	86	1
20	5300	1	798	67	1
21	5300	1	918	58	1
22	5300	1	518	102	1
23	5300	1	778	68	1
24	5300	1	578	92	1
25	5300	1	698	76	1
26	5300	1	898	59	1
27	5300	1	758	70	1
28	5300	1	558	95	1
29	5300	1	878	61	1
30	5300	1	938	57	1
Detection Percentage(%)					93.3%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	4.9	150	26	1
2	5300	2.8	226	23	1
3	5300	4.1	190	27	1
4	5300	2.3	197	28	1
5	5300	1.9	188	29	1
6	5300	2.5	215	27	1
7	5300	3.5	180	25	0
8	5300	2.5	171	27	1
9	5300	2.4	168	25	1
10	5300	3.9	162	27	1
11	5300	2.4	151	25	1
12	5300	2.4	165	28	1
13	5300	1.4	197	28	1
14	5300	2.6	158	26	1
15	5300	3.1	175	28	1
16	5300	2.5	192	24	1
17	5300	1.4	173	24	1
18	5300	3.9	192	28	1
19	5300	1.6	154	26	1
20	5300	1.4	203	25	1
21	5300	5	150	25	1
22	5300	2	160	27	0
23	5300	1.9	206	25	1
24	5300	4.1	214	28	1
25	5300	2.4	198	24	1
26	5300	3	190	28	1
27	5300	4.1	163	27	1
28	5300	4.5	197	27	0
29	5300	3.5	207	28	1
30	5300	3.5	229	24	1
Detection Percentage(%)					90.0%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	9.3	421	16	1
2	5300	8.1	350	18	1
3	5300	8.9	399	18	1
4	5300	9.9	263	17	1
5	5300	6.6	273	18	1
6	5300	6.3	451	16	0
7	5300	9.8	206	17	1
8	5300	9.2	311	16	1
9	5300	9.2	378	17	1
10	5300	9.4	404	18	1
11	5300	7.7	468	17	0
12	5300	8	308	16	1
13	5300	6.1	432	17	1
14	5300	6.4	464	18	0
15	5300	8.1	336	17	1
16	5300	9.8	402	18	1
17	5300	9.9	366	17	1
18	5300	7.1	238	17	1
19	5300	6.8	429	16	1
20	5300	7.8	325	18	0
21	5300	7	429	17	1
22	5300	6.6	496	17	1
23	5300	8.4	250	16	1
24	5300	8.2	233	17	0
25	5300	8	465	18	1
26	5300	8.4	303	17	1
27	5300	8.3	285	17	1
28	5300	9.2	344	18	0
29	5300	9.5	499	18	1
30	5300	10	314	17	1
Detection Percentage(%)					80.0%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	19.3	278	14	1
2	5300	13.5	201	16	1
3	5300	13.4	201	15	1
4	5300	17.7	467	15	1
5	5300	12.6	339	13	1
6	5300	12.7	468	15	1
7	5300	13.7	468	13	1
8	5300	14.9	205	14	1
9	5300	11.5	313	15	0
10	5300	18.5	478	15	1
11	5300	16.4	490	16	1
12	5300	13.7	314	13	1
13	5300	14.7	487	14	1
14	5300	17.4	324	14	0
15	5300	12.4	301	14	1
16	5300	15.7	424	14	1
17	5300	18	352	12	1
18	5300	16.8	485	15	0
19	5300	19.7	301	13	1
20	5300	12.1	369	15	0
21	5300	12.2	413	16	1
22	5300	15.6	393	12	1
23	5300	19.9	440	15	0
24	5300	19.7	272	15	1
25	5300	19	266	13	1
26	5300	15.8	422	15	1
27	5300	13.7	387	14	0
28	5300	11.5	275	15	1
29	5300	14.3	234	13	1
30	5300	16.7	318	14	1
Detection Percentage(%)					80.0%

Mode1 –802.11a

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	93.3	>60%	Pass
2	90.0	>60%	Pass
3	80.0	>60%	Pass
4	80.0	>60%	Pass
Total Type 1~4	85.83	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器 5310MHz-11n40BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5310	1	518	102	1
2	5310	1	818	65	1
3	5310	1	558	95	1
4	5310	1	678	78	1
5	5310	1	598	89	1
6	5310	1	718	74	1
7	5310	1	578	92	0
8	5310	1	598	89	1
9	5310	1	918	58	1
10	5310	1	678	78	1
11	5310	1	858	62	1
12	5310	1	758	70	1
13	5310	1	838	63	1
14	5310	1	718	74	1
15	5310	1	678	78	1
16	5310	1	858	62	1
17	5310	1	798	67	1
18	5310	1	618	86	1
19	5310	1	658	81	1
20	5310	1	658	81	1
21	5310	1	778	68	1
22	5310	1	598	89	1
23	5310	1	878	61	1
24	5310	1	658	81	1
25	5310	1	538	98	1
26	5310	1	878	61	1
27	5310	1	3066	18	1
28	5310	1	898	59	1
29	5310	1	738	72	1
30	5310	1	878	61	1
Detection Percentage(%)					96.6%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5310	2.7	199	25	1
2	5310	3.6	229	25	1
3	5310	4.6	168	25	1
4	5310	2.7	208	25	1
5	5310	2.5	186	24	1
6	5310	1.4	189	26	1
7	5310	2.2	156	29	1
8	5310	2.3	157	25	1
9	5310	4.3	221	27	0
10	5310	3.1	161	24	1
11	5310	4.2	155	29	1
12	5310	5	218	28	1
13	5310	2.5	205	25	0
14	5310	1.3	157	28	1
15	5310	3.3	158	23	1
16	5310	4.3	201	24	0
17	5310	3.6	225	28	1
18	5310	3	221	27	1
19	5310	2.5	171	24	0
20	5310	2.7	219	27	1
21	5310	1.4	204	27	1
22	5310	4.1	190	25	1
23	5310	4.6	154	26	1
24	5310	2.8	211	24	1
25	5310	3.9	179	24	1
26	5310	2.3	150	26	1
27	5310	1	189	27	1
28	5310	2.9	156	26	1
29	5310	1.8	157	24	1
30	5310	4.8	214	23	1
Detection Percentage(%)					86.6%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5310	6.5	241	18	1
2	5310	8.1	425	16	1
3	5310	9.3	379	17	1
4	5310	6	228	17	1
5	5310	9.4	286	17	1
6	5310	9.1	232	17	1
7	5310	7.4	281	17	1
8	5310	6.1	404	16	1
9	5310	8.6	252	17	0
10	5310	9.9	226	17	1
11	5310	8.3	376	17	0
12	5310	9.6	330	18	1
13	5310	6.7	303	16	1
14	5310	7.9	369	18	1
15	5310	7	453	18	0
16	5310	6.7	444	17	1
17	5310	9.3	360	18	1
18	5310	7.5	291	18	1
19	5310	8.6	276	16	0
20	5310	7.4	282	17	1
21	5310	6.2	377	17	1
22	5310	6.5	232	17	0
23	5310	8.2	387	17	1
24	5310	7.5	445	18	1
25	5310	9.1	320	18	1
26	5310	9.6	410	17	1
27	5310	7.1	451	18	1
28	5310	7.3	382	17	0
29	5310	8	435	18	1
30	5310	6.6	465	16	1
Detection Percentage(%)					80.0%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5310	16.7	252	15	1
2	5310	15	283	15	1
3	5310	13.7	349	13	1
4	5310	13.7	434	15	1
5	5310	12	361	13	1
6	5310	18.1	432	15	1
7	5310	14.4	489	14	1
8	5310	14.9	291	13	1
9	5310	17.6	409	14	0
10	5310	11.8	468	15	1
11	5310	11.5	290	16	1
12	5310	14	312	16	0
13	5310	13.8	248	13	1
14	5310	15.9	231	12	1
15	5310	18.3	307	14	1
16	5310	14.4	332	13	1
17	5310	14.2	312	15	1
18	5310	17.1	417	13	1
19	5310	17.2	216	15	0
20	5310	14.8	346	15	1
21	5310	18.5	295	15	1
22	5310	15.2	281	12	0
23	5310	12.4	321	14	1
24	5310	14.3	380	13	1
25	5310	15.5	448	13	1
26	5310	15.9	454	15	1
27	5310	18.6	238	16	1
28	5310	16.4	343	13	0
29	5310	14	357	13	1
30	5310	11	472	15	1
Detection Percentage(%)					83.3%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	96.6	>60%	Pass
2	86.6	>60%	Pass
3	80.0	>60%	Pass
4	83.3	>60%	Pass
Total Type 1~4	86.63	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器 5290MHz-11ac80BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5290	1	778	68	1
2	5290	1	778	68	1
3	5290	1	938	57	1
4	5290	1	518	102	1
5	5290	1	578	92	1
6	5290	1	618	86	1
7	5290	1	718	74	1
8	5290	1	698	76	0
9	5290	1	658	81	1
10	5290	1	758	70	1
11	5290	1	738	72	1
12	5290	1	758	70	1
13	5290	1	778	68	1
14	5290	1	938	57	1
15	5290	1	578	92	1
16	5290	1	878	61	1
17	5290	1	778	68	1
18	5290	1	698	76	1
19	5290	1	598	89	1
20	5290	1	638	83	1
21	5290	1	658	81	1
22	5290	1	718	74	1
23	5290	1	918	58	0
24	5290	1	738	72	1
25	5290	1	538	98	1
26	5290	1	558	95	1
27	5290	1	738	72	1
28	5290	1	618	86	1
29	5290	1	858	62	1
30	5290	1	878	61	1
Detection Percentage(%)					93.3%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5290	4.6	213	25	1
2	5290	4.1	217	23	1
3	5290	4.7	229	25	1
4	5290	4.1	207	27	1
5	5290	3.5	170	27	1
6	5290	3.8	175	28	1
7	5290	1.5	165	28	0
8	5290	1.2	195	25	1
9	5290	3.2	192	27	1
10	5290	4.9	175	26	1
11	5290	4.2	218	24	1
12	5290	5	200	27	0
13	5290	4.4	217	27	1
14	5290	1.6	224	25	1
15	5290	1.5	230	27	1
16	5290	2.5	198	26	1
17	5290	4.2	191	26	1
18	5290	2.6	213	27	1
19	5290	1.3	178	27	1
20	5290	4	229	27	1
21	5290	4.4	205	28	1
22	5290	3	168	28	1
23	5290	1.2	173	23	0
24	5290	4.8	152	27	1
25	5290	1.8	164	24	1
26	5290	2.2	221	24	1
27	5290	3	181	25	1
28	5290	4.1	225	23	0
29	5290	4.5	180	24	1
30	5290	4.7	227	28	1
Detection Percentage(%)					86.6%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5290	6.2	384	18	1
2	5290	9.5	245	17	1
3	5290	7.5	434	18	1
4	5290	7.3	245	18	1
5	5290	6.5	344	17	1
6	5290	8.4	432	17	1
7	5290	6.6	343	17	1
8	5290	7.4	268	18	1
9	5290	8.3	226	16	1
10	5290	8.5	250	16	1
11	5290	6.7	276	17	1
12	5290	8.5	348	17	1
13	5290	8.6	213	16	1
14	5290	6.6	303	17	1
15	5290	9.8	404	17	1
16	5290	7.5	236	18	1
17	5290	7.5	436	17	0
18	5290	9.2	357	18	1
19	5290	9.3	232	16	1
20	5290	7.4	496	17	1
21	5290	8.2	400	17	1
22	5290	9	403	17	1
23	5290	6.3	295	16	1
24	5290	6.4	435	17	1
25	5290	7.1	474	17	1
26	5290	7.6	484	18	0
27	5290	9.2	347	17	1
28	5290	7	413	18	1
29	5290	8.4	250	17	1
30	5290	6.4	465	17	1
Detection Percentage(%)					93.3%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5290	18.6	403	14	1
2	5290	13.5	480	12	1
3	5290	16.4	428	16	1
4	5290	14.1	395	12	1
5	5290	18.8	300	16	1
6	5290	11.8	447	15	0
7	5290	11.2	215	15	1
8	5290	17.7	364	15	1
9	5290	12.7	327	14	1
10	5290	13.5	454	12	0
11	5290	15.7	218	13	1
12	5290	13.1	206	12	1
13	5290	13.9	266	14	0
14	5290	18.9	469	15	1
15	5290	15.5	395	13	1
16	5290	12.3	331	13	1
17	5290	18.1	453	13	0
18	5290	12.4	348	15	1
19	5290	16.2	483	16	1
20	5290	18.2	379	13	0
21	5290	14.7	384	15	1
22	5290	11.8	263	15	1
23	5290	11.6	386	13	1
24	5290	19.7	258	14	1
25	5290	15	342	14	0
26	5290	19.9	206	16	1
27	5290	11.3	439	14	1
28	5290	19.6	467	15	1
29	5290	14.1	322	14	1
30	5290	12.9	488	14	1
Detection Percentage(%)					80.0%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	93.3	>60%	Pass
2	86.6	>60%	Pass
3	93.3	>60%	Pass
4	80.0	>60%	Pass
Total Type 1~4	88.30	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器 5290MHz-11ax80BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5290	1	918	58	1
2	5290	1	758	70	1
3	5290	1	3066	18	1
4	5290	1	898	59	1
5	5290	1	718	74	1
6	5290	1	538	98	1
7	5290	1	878	61	1
8	5290	1	818	65	1
9	5290	1	578	92	1
10	5290	1	3066	18	0
11	5290	1	618	86	1
12	5290	1	538	98	1
13	5290	1	838	63	1
14	5290	1	758	70	1
15	5290	1	938	57	1
16	5290	1	638	83	1
17	5290	1	918	58	1
18	5290	1	718	74	1
19	5290	1	618	86	1
20	5290	1	938	57	1
21	5290	1	518	102	0
22	5290	1	798	67	1
23	5290	1	578	92	1
24	5290	1	598	89	1
25	5290	1	558	95	1
26	5290	1	578	92	1
27	5290	1	898	59	1
28	5290	1	778	68	1
29	5290	1	558	95	1
30	5290	1	618	86	1
Detection Percentage(%)					93.3%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5290	1.9	175	23	1
2	5290	2.9	184	28	1
3	5290	3.2	209	28	1
4	5290	4.3	207	28	1
5	5290	2.3	178	24	1
6	5290	4	196	25	1
7	5290	5	191	26	0
8	5290	4.5	170	28	1
9	5290	3	206	29	1
10	5290	3	217	25	0
11	5290	4.1	224	25	1
12	5290	3.6	201	24	1
13	5290	1.8	181	27	1
14	5290	1.5	185	26	0
15	5290	3.8	194	28	1
16	5290	4.4	152	25	1
17	5290	3.3	219	24	1
18	5290	4.3	162	28	1
19	5290	1.1	230	27	1
20	5290	1.5	163	25	1
21	5290	1.9	188	26	1
22	5290	1.4	200	28	0
23	5290	2.6	156	27	1
24	5290	3	196	28	1
25	5290	3.3	201	28	1
26	5290	3.3	216	27	0
27	5290	1.1	213	26	1
28	5290	1.5	192	26	1
29	5290	2.9	171	26	1
30	5290	2.4	197	28	1
Detection Percentage(%)					83.3%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5290	7.8	343	17	1
2	5290	8.5	295	18	1
3	5290	6.1	460	18	1
4	5290	9.1	259	17	1
5	5290	9.1	464	18	1
6	5290	6.6	420	17	1
7	5290	10	296	16	1
8	5290	9.9	271	17	1
9	5290	8.2	472	18	0
10	5290	8	369	18	1
11	5290	8.7	367	16	1
12	5290	9	452	17	1
13	5290	7.3	422	17	1
14	5290	8.4	445	18	1
15	5290	6.2	228	17	1
16	5290	9.2	259	17	0
17	5290	9.1	347	17	1
18	5290	7.3	252	17	1
19	5290	7.4	287	17	1
20	5290	7.2	323	17	1
21	5290	7.4	461	17	1
22	5290	6.3	466	18	1
23	5290	7.9	460	18	1
24	5290	7.6	494	18	1
25	5290	7.1	346	17	1
26	5290	7.8	404	17	0
27	5290	8	229	18	1
28	5290	7.4	448	17	1
29	5290	8.9	457	17	1
30	5290	6.3	393	18	1
Detection Percentage(%)					90.0%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5290	15.4	400	16	1
2	5290	11.5	313	16	1
3	5290	13.4	457	14	1
4	5290	12.4	288	14	1
5	5290	18.3	415	13	1
6	5290	19.4	243	13	0
7	5290	11.7	308	14	1
8	5290	16.3	266	13	1
9	5290	16.3	414	13	1
10	5290	15.7	279	14	1
11	5290	11.8	358	13	1
12	5290	15	205	12	0
13	5290	12.9	256	14	1
14	5290	19.2	439	15	1
15	5290	13.5	470	14	1
16	5290	20	434	15	1
17	5290	13.5	388	14	0
18	5290	11.4	390	14	1
19	5290	18.1	214	15	1
20	5290	19.5	404	14	1
21	5290	15.3	240	14	1
22	5290	16.4	422	14	0
23	5290	17.1	338	16	1
24	5290	19.8	431	13	1
25	5290	12.4	383	12	1
26	5290	11.9	356	15	1
27	5290	17.8	252	16	1
28	5290	15.9	386	14	1
29	5290	15.8	475	15	0
30	5290	19.2	264	16	1
Detection Percentage(%)					83.3%

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器 5500MHz-11n20BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5500	1	818	65	1
2	5500	1	758	70	1
3	5500	1	858	62	1
4	5500	1	778	68	1
5	5500	1	658	81	1
6	5500	1	898	59	0
7	5500	1	718	74	1
8	5500	1	898	59	1
9	5500	1	598	89	1
10	5500	1	618	86	1
11	5500	1	758	70	1
12	5500	1	698	76	1
13	5500	1	838	63	1
14	5500	1	798	67	1
15	5500	1	898	59	1
16	5500	1	598	89	1
17	5500	1	538	98	1
18	5500	1	738	72	1
19	5500	1	818	65	1
20	5500	1	578	92	1
21	5500	1	658	81	0
22	5500	1	758	70	1
23	5500	1	558	95	1
24	5500	1	598	89	1
25	5500	1	658	81	1
26	5500	1	618	86	1
27	5500	1	658	81	1
28	5500	1	778	68	1
29	5500	1	718	74	1
30	5500	1	798	67	1
Detection Percentage(%)					93.3%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5500	1.7	224	23	1
2	5500	2.7	230	28	1
3	5500	3.1	156	25	1
4	5500	4.4	175	26	1
5	5500	5	166	26	1
6	5500	4.1	200	24	1
7	5500	4.1	168	27	0
8	5500	2.1	164	26	1
9	5500	2.4	178	28	1
10	5500	3.6	182	28	1
11	5500	4.5	209	26	1
12	5500	4.1	158	26	1
13	5500	1.8	152	24	1
14	5500	1.4	198	24	0
15	5500	4	208	26	1
16	5500	1.3	159	26	1
17	5500	4.9	154	28	1
18	5500	3.7	224	26	1
19	5500	1.8	176	25	1
20	5500	2.1	212	28	1
21	5500	1.1	167	27	1
22	5500	3	178	24	1
23	5500	2.5	156	26	1
24	5500	3.5	188	28	1
25	5500	2.3	223	27	0
26	5500	1.2	208	27	1
27	5500	4.6	213	26	1
28	5500	1.6	215	25	0
29	5500	2	159	24	1
30	5500	2.7	195	28	1
Detection Percentage(%)					86.6%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5500	9.4	296	16	1
2	5500	8.3	350	17	1
3	5500	9.4	200	17	1
4	5500	8.3	215	16	1
5	5500	7	308	16	1
6	5500	8.1	268	17	1
7	5500	9	474	17	0
8	5500	8.1	492	18	1
9	5500	6.1	394	16	1
10	5500	7.2	326	16	1
11	5500	7.6	411	16	1
12	5500	8.2	238	16	0
13	5500	8.1	420	17	1
14	5500	8.1	293	17	1
15	5500	9.9	218	16	0
16	5500	10	271	17	1
17	5500	9.1	489	18	1
18	5500	8.8	483	17	1
19	5500	6.9	417	18	0
20	5500	10	250	17	1
21	5500	6.7	207	17	1
22	5500	9.2	381	16	1
23	5500	8.1	245	17	1
24	5500	6.5	349	17	1
25	5500	7.2	491	18	0
26	5500	9.4	250	16	1
27	5500	8.7	365	16	1
28	5500	9.3	336	17	1
29	5500	6.2	302	18	1
30	5500	8.3	411	17	1
Detection Percentage(%)					83.3%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5500	19.5	468	13	1
2	5500	14	334	13	1
3	5500	12.1	410	13	1
4	5500	18.1	296	13	0
5	5500	11.1	240	14	1
6	5500	15.8	441	12	0
7	5500	16.5	494	14	1
8	5500	13.7	472	16	0
9	5500	16.4	307	15	1
10	5500	11	424	13	1
11	5500	14.4	348	13	1
12	5500	19.8	287	13	1
13	5500	14.7	446	14	1
14	5500	16.4	337	14	0
15	5500	12.6	372	14	0
16	5500	11.3	246	13	1
17	5500	11.4	248	13	1
18	5500	12.5	452	13	1
19	5500	13.4	291	15	1
20	5500	13.1	401	16	1
21	5500	16.8	343	15	1
22	5500	17.1	254	13	1
23	5500	12.9	435	15	1
24	5500	18.9	247	14	0
25	5500	14.6	422	12	1
26	5500	11.5	342	13	1
27	5500	13.1	278	16	1
28	5500	11.5	238	14	1
29	5500	17.7	468	16	1
30	5500	11.5	289	15	1
Detection Percentage(%)					80.0%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	93.3	>60%	Pass
2	86.6	>60%	Pass
3	83.3	>60%	Pass
4	80.0	>60%	Pass
Total Type 1~4	85.80	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器 5510MHz-11n40BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	1	938	57	1
2	5510	1	798	67	1
3	5510	1	838	63	1
4	5510	1	618	86	1
5	5510	1	918	58	1
6	5510	1	778	68	1
7	5510	1	598	89	0
8	5510	1	758	70	1
9	5510	1	578	92	1
10	5510	1	598	89	1
11	5510	1	738	72	1
12	5510	1	578	92	1
13	5510	1	618	86	1
14	5510	1	758	70	1
15	5510	1	938	57	1
16	5510	1	578	92	1
17	5510	1	758	70	1
18	5510	1	878	61	1
19	5510	1	718	74	1
20	5510	1	878	61	1
21	5510	1	678	78	0
22	5510	1	558	95	1
23	5510	1	598	89	1
24	5510	1	618	86	1
25	5510	1	698	76	1
26	5510	1	598	89	1
27	5510	1	678	78	1
28	5510	1	778	68	1
29	5510	1	538	98	1
30	5510	1	558	95	1
Detection Percentage(%)					93.3%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	1.1	182	25	1
2	5510	4.1	208	25	1
3	5510	4.1	202	26	1
4	5510	2.2	154	25	1
5	5510	3	154	23	1
6	5510	3.7	188	28	0
7	5510	2.5	171	26	1
8	5510	2.3	216	28	1
9	5510	1.8	173	27	1
10	5510	4.1	184	26	1
11	5510	1.3	199	28	1
12	5510	1.9	168	26	1
13	5510	1.8	222	25	1
14	5510	4.1	202	25	0
15	5510	1.8	220	28	1
16	5510	2.2	202	29	1
17	5510	3.5	174	24	1
18	5510	2.4	201	26	1
19	5510	1.8	151	27	1
20	5510	1.4	172	29	1
21	5510	1.9	153	24	1
22	5510	3.6	204	26	1
23	5510	1	182	24	1
24	5510	4.3	198	27	0
25	5510	3.2	166	23	1
26	5510	4.1	228	26	1
27	5510	1.7	171	24	1
28	5510	2.7	209	24	1
29	5510	2	203	24	1
30	5510	3.6	153	23	1
Detection Percentage(%)					90.0%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	9.2	438	17	1
2	5510	6.1	397	17	1
3	5510	7.2	393	17	1
4	5510	7.8	225	17	0
5	5510	6.4	274	17	1
6	5510	6.1	301	17	1
7	5510	9.6	446	17	1
8	5510	9.2	443	17	1
9	5510	9.7	411	17	1
10	5510	7.1	415	17	1
11	5510	6.3	349	18	1
12	5510	6.7	499	17	1
13	5510	8.7	214	17	1
14	5510	7.9	272	18	1
15	5510	6	426	17	0
16	5510	8.7	317	17	1
17	5510	9.4	409	17	0
18	5510	9.9	347	17	1
19	5510	10	308	17	1
20	5510	9.4	473	17	1
21	5510	6.3	442	17	0
22	5510	8.2	286	17	1
23	5510	9.4	215	17	1
24	5510	7	210	17	1
25	5510	8.7	482	17	1
26	5510	8.8	499	17	1
27	5510	7.8	245	17	1
28	5510	6.4	341	18	1
29	5510	8.4	434	16	1
30	5510	8.1	363	17	1
Detection Percentage(%)					86.6%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	16.8	323	15	1
2	5510	16	269	13	1
3	5510	12.1	360	15	0
4	5510	14.8	375	14	1
5	5510	15.3	265	14	1
6	5510	18.7	327	13	1
7	5510	14.7	238	12	0
8	5510	12.2	210	16	1
9	5510	16.8	365	15	0
10	5510	14.2	481	12	1
11	5510	19.6	305	14	1
12	5510	14.5	216	14	1
13	5510	11.3	259	14	0
14	5510	13.5	251	12	1
15	5510	17.5	444	15	1
16	5510	14.5	456	12	1
17	5510	12.2	409	13	1
18	5510	18.2	257	12	1
19	5510	17	435	16	0
20	5510	19.1	341	15	1
21	5510	12.3	443	16	1
22	5510	17.1	410	12	1
23	5510	16.7	336	15	0
24	5510	20	255	14	1
25	5510	15.6	288	13	1
26	5510	18	290	13	0
27	5510	18.8	374	15	1
28	5510	19.3	410	14	1
29	5510	12	260	16	1
30	5510	13.2	361	14	1
Detection Percentage(%)					76.6%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	93.3	>60%	Pass
2	90.0	>60%	Pass
3	86.6	>60%	Pass
4	76.6	>60%	Pass
Total Type 1~4	86.63	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器 5530MHz-11ac80BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	1	878	61	1
2	5530	1	558	95	1
3	5530	1	618	86	1
4	5530	1	918	58	1
5	5530	1	878	61	1
6	5530	1	798	67	1
7	5530	1	538	98	1
8	5530	1	798	67	1
9	5530	1	838	63	1
10	5530	1	678	78	0
11	5530	1	658	81	1
12	5530	1	778	68	1
13	5530	1	758	70	1
14	5530	1	798	67	1
15	5530	1	938	57	1
16	5530	1	618	86	1
17	5530	1	938	57	1
18	5530	1	718	74	1
19	5530	1	598	89	1
20	5530	1	598	89	1
21	5530	1	758	70	1
22	5530	1	678	78	1
23	5530	1	618	86	1
24	5530	1	678	78	1
25	5530	1	738	72	1
26	5530	1	838	63	1
27	5530	1	878	61	1
28	5530	1	3066	18	1
29	5530	1	698	76	1
30	5530	1	698	76	1
Detection Percentage(%)					96.6%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	2.6	215	27	1
2	5530	2.6	173	25	1
3	5530	3.6	152	25	1
4	5530	1.1	196	28	1
5	5530	3	166	25	1
6	5530	2.3	180	26	0
7	5530	4.7	227	23	1
8	5530	2.5	199	25	1
9	5530	1.5	201	27	1
10	5530	1.2	217	25	1
11	5530	3	182	23	1
12	5530	3	230	25	1
13	5530	4.8	190	29	1
14	5530	1.6	217	28	1
15	5530	1.5	192	29	1
16	5530	4	178	24	0
17	5530	4.4	153	26	1
18	5530	4.6	193	25	1
19	5530	2.8	199	26	1
20	5530	4.4	215	25	1
21	5530	1.1	217	29	1
22	5530	3.2	155	24	1
23	5530	1.6	179	26	1
24	5530	4.2	218	28	0
25	5530	3.2	209	26	1
26	5530	1.7	160	24	1
27	5530	1.3	196	29	1
28	5530	3.7	185	24	1
29	5530	2.6	157	26	1
30	5530	1.9	172	25	1
Detection Percentage(%)					90.0%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	6.9	386	17	1
2	5530	7.5	423	17	1
3	5530	6.8	236	17	1
4	5530	8.7	498	18	1
5	5530	9	304	16	0
6	5530	7.4	500	17	1
7	5530	6.2	493	16	1
8	5530	8.1	486	16	1
9	5530	8.5	435	17	1
10	5530	7	339	17	1
11	5530	10	485	17	1
12	5530	7.3	344	17	0
13	5530	8.1	322	17	1
14	5530	6.2	261	17	1
15	5530	8	226	17	1
16	5530	8	445	18	1
17	5530	7.7	229	18	1
18	5530	7.8	212	17	1
19	5530	9	340	16	1
20	5530	8.6	477	17	0
21	5530	9.8	331	16	1
22	5530	9.3	472	17	1
23	5530	7.4	292	18	1
24	5530	6.3	225	17	1
25	5530	7.6	266	18	1
26	5530	6.8	266	17	1
27	5530	9.5	486	17	0
28	5530	7.6	485	16	1
29	5530	9.6	449	18	1
30	5530	8.7	440	18	1
Detection Percentage(%)					86.6%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5530	11.8	496	12	1
2	5530	18.6	333	15	1
3	5530	15.7	279	12	1
4	5530	18.6	430	15	1
5	5530	11.6	310	15	1
6	5530	14.7	259	12	1
7	5530	12.6	211	15	1
8	5530	13.6	271	14	0
9	5530	12.4	302	13	1
10	5530	13	274	14	1
11	5530	18.7	469	14	1
12	5530	19.8	366	13	1
13	5530	15.4	362	13	1
14	5530	18.7	243	14	1
15	5530	18.7	485	14	0
16	5530	15.6	328	15	1
17	5530	17	406	14	1
18	5530	19.2	235	15	1
19	5530	11.8	467	15	1
20	5530	13.6	381	15	1
21	5530	16.6	397	13	0
22	5530	12.3	264	14	1
23	5530	12.2	471	16	1
24	5530	11.4	264	14	0
25	5530	19.3	346	12	1
26	5530	19.6	481	14	1
27	5530	18.2	294	13	1
28	5530	18.8	299	15	0
29	5530	14.7	297	14	1
30	5530	14.7	323	13	1
Detection Percentage(%)					83.3%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	96.6	>60%	Pass
2	90.0	>60%	Pass
3	86.6	>60%	Pass
4	83.3	>60%	Pass
Total Type 1~4	89.13	>80%	Pass

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：DFS 偵測門檻值

檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器 5570MHz-11ac160BW

Type 1

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5570	1	598	89	1
2	5570	1	838	63	1
3	5570	1	938	57	1
4	5570	1	878	61	1
5	5570	1	558	95	1
6	5570	1	838	63	1
7	5570	1	818	65	1
8	5570	1	698	76	1
9	5570	1	798	67	1
10	5570	1	718	74	1
11	5570	1	778	68	0
12	5570	1	578	92	1
13	5570	1	618	86	1
14	5570	1	758	70	1
15	5570	1	778	68	1
16	5570	1	518	102	1
17	5570	1	878	61	1
18	5570	1	938	57	1
19	5570	1	738	72	1
20	5570	1	918	58	1
21	5570	1	558	95	1
22	5570	1	578	92	1
23	5570	1	798	67	1
24	5570	1	558	95	1
25	5570	1	918	58	1
26	5570	1	598	89	1
27	5570	1	938	57	1
28	5570	1	518	102	1
29	5570	1	598	89	1
30	5570	1	578	92	1
Detection Percentage(%)					96.6%

Type2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5570	1.8	186	24	1
2	5570	1.2	223	26	1
3	5570	2.5	187	25	1
4	5570	4.3	213	25	1
5	5570	4.3	156	27	1
6	5570	5	203	28	1
7	5570	2.4	225	26	1
8	5570	2.9	223	29	1
9	5570	4.7	179	26	0
10	5570	1.8	204	23	1
11	5570	3.7	192	27	1
12	5570	4.9	168	29	1
13	5570	1.2	175	24	1
14	5570	2.4	225	27	1
15	5570	2.8	206	24	1
16	5570	3.5	193	27	1
17	5570	4.1	170	28	1
18	5570	3.2	155	29	1
19	5570	1.4	205	27	1
20	5570	4.8	167	25	1
21	5570	3.7	163	28	1
22	5570	4.3	199	26	0
23	5570	2.5	168	25	1
24	5570	2.7	208	25	1
25	5570	4.9	175	27	1
26	5570	4.7	213	26	1
27	5570	4.4	171	24	1
28	5570	1.8	230	27	1
29	5570	2.8	174	27	1
30	5570	1.8	162	27	1
Detection Percentage(%)					93.3%

Type3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5570	6.5	213	16	1
2	5570	9.1	292	17	1
3	5570	8	403	16	1
4	5570	7.1	370	17	1
5	5570	8.6	356	16	1
6	5570	6.3	306	17	1
7	5570	7.9	291	17	0
8	5570	7.2	226	18	1
9	5570	8.7	381	17	0
10	5570	6.6	499	17	1
11	5570	8.6	330	17	1
12	5570	10	324	17	1
13	5570	9.2	256	16	0
14	5570	9.7	259	16	1
15	5570	8.9	405	17	0
16	5570	6.5	274	18	1
17	5570	6.6	423	18	1
18	5570	6.8	291	17	1
19	5570	9.2	487	17	1
20	5570	6.8	352	18	1
21	5570	10	305	17	1
22	5570	7	249	16	1
23	5570	9.5	485	16	0
24	5570	6	247	17	1
25	5570	7.3	354	17	1
26	5570	8.2	448	16	1
27	5570	9.3	412	17	1
28	5570	6.5	363	17	1
29	5570	7.3	308	17	1
30	5570	10	389	18	1
Detection Percentage(%)					83.3%

Type4

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5570	15.8	413	14	1
2	5570	17.3	238	16	1
3	5570	12.6	345	16	1
4	5570	15.8	397	14	1
5	5570	17.3	491	14	1
6	5570	15.1	260	16	0
7	5570	15.8	326	15	1
8	5570	18.1	260	14	1
9	5570	15.4	235	13	1
10	5570	19.2	471	15	1
11	5570	16.7	367	13	0
12	5570	19.8	297	14	1
13	5570	15.7	409	12	1
14	5570	15.4	293	15	0
15	5570	15.2	465	16	1
16	5570	19.5	206	16	1
17	5570	19.9	287	15	1
18	5570	11.1	336	15	0
19	5570	18.2	482	13	1
20	5570	12.6	313	12	1
21	5570	19	254	13	0
22	5570	16.3	429	13	1
23	5570	12.5	271	14	1
24	5570	15	434	14	1
25	5570	16.7	335	13	0
26	5570	11.8	402	14	1
27	5570	16.4	210	15	1
28	5570	14.2	261	13	1
29	5570	12	337	14	1
30	5570	16.3	464	16	1
Detection Percentage(%)					80.0%

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	96.6	>60%	Pass
2	93.3	>60%	Pass
3	83.3	>60%	Pass
4	80.0	>60%	Pass
Total Type 1~4	88.30	>80%	Pass

3.8. 頻道可用性檢查時間量測結果

待測物名稱: Wireless Access Point

待測物型號: AP460SC

測試項目: Initial Channel Availability Check Time

檢測器: 峰值

環境溫度: 26 °C

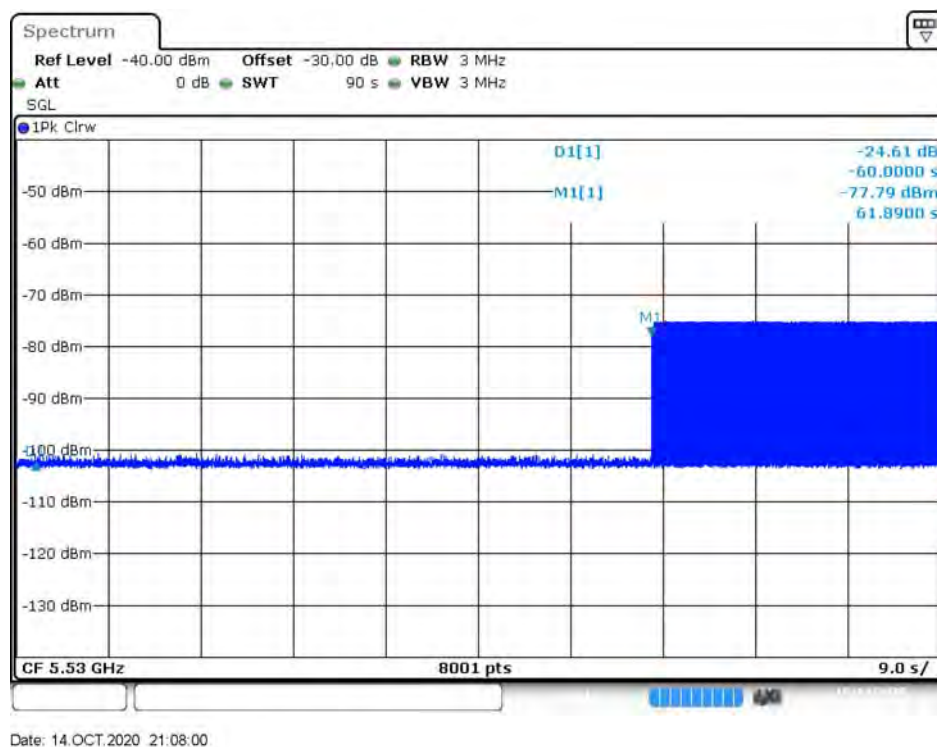
測試日期: 109 年 10 月 15 日

環境濕度: 58 %

測試模式: Mode 1: Radio 1: 發射器

The EUT does not transmit any beacon or data transmission until at least 1 minute after the completion of the power-on cycle (3.09sec). The initial power up time of the EUT is indicated by Marker 1R (63.09 sec) – CAC (60 sec). Initial beacons/data transmission is indicated by Marker 1R (63.09 sec)

5530MHz-11ac80BW



待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：Initial Channel Availability Check Time

檢測器：峰值

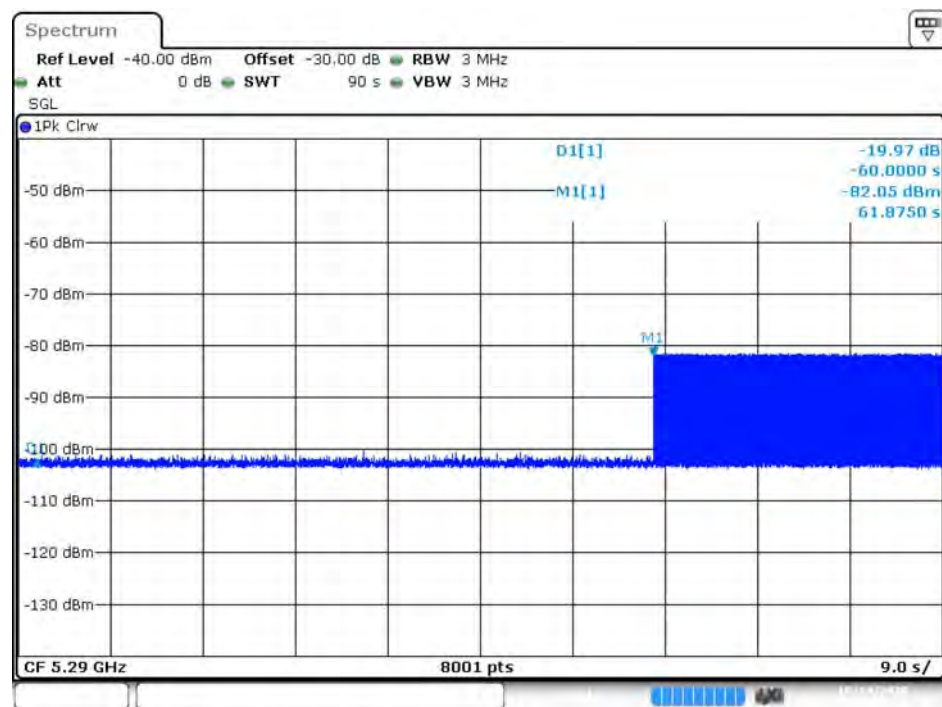
環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器

The EUT does not transmit any beacon or data transmission until at least 1 minute after the completion of the power-on cycle (1.94 sec). The initial power up time of the EUT is indicated by Marker 1R (61.94 sec) – CAC (60 sec). Initial beacons/data transmission is indicated by Marker 1R (61.94 sec)

5290MHz-11ac80BW

Date: 14.OCT.2020 20:52:26

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：Initial Channel Availability Check Time

檢測器：峰值

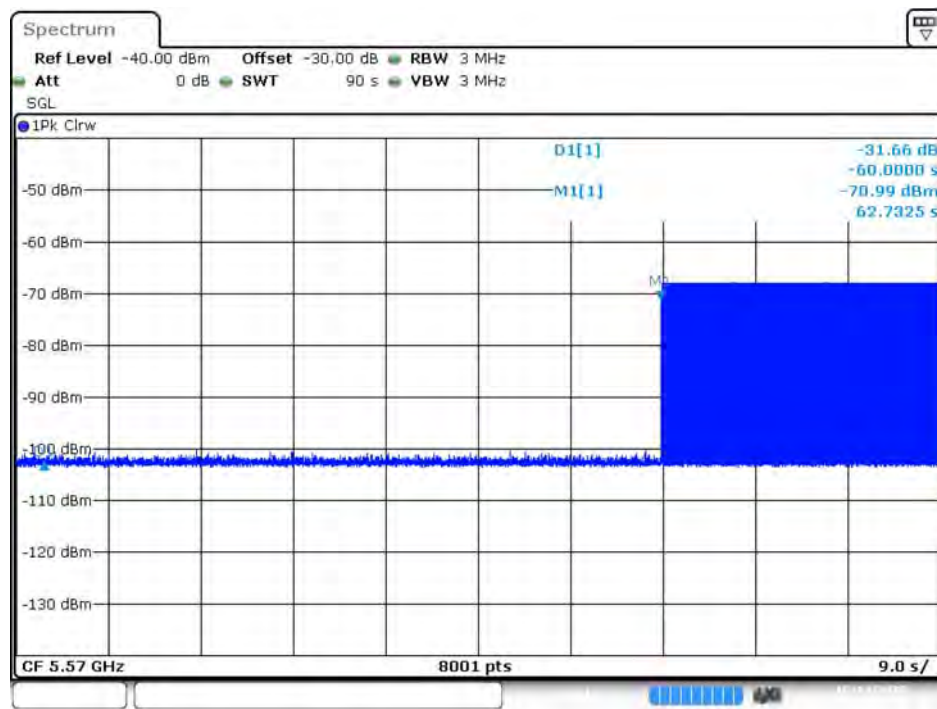
環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器

The EUT does not transmit any beacon or data transmission until at least 1 minute after the completion of the power-on cycle (1.77sec). The initial power up time of the EUT is indicated by Marker 1R (61.77 sec) – CAC (60 sec). Initial beacons/data transmission is indicated by Marker 1R (61.77 sec)

5570MHz-11ac160BW

Date: 14.OCT.2020 21:26:04

待測物名稱: Wireless Access Point

待測物型號: AP460SC

測試項目: Radar Burst at the Beginning of the Channel
Availability Check Time

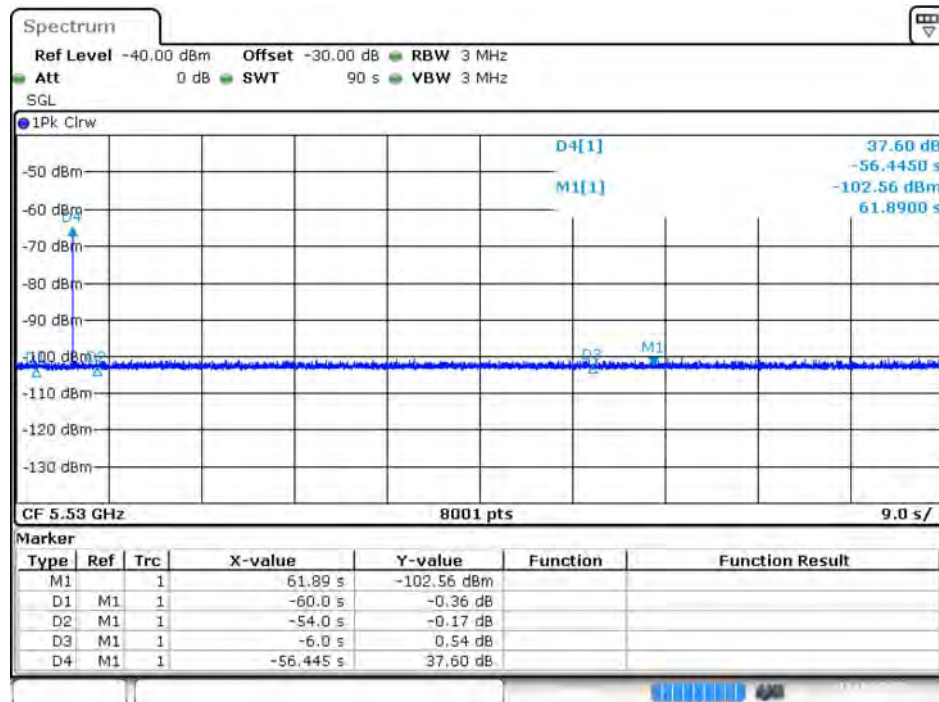
檢測器: 峰值

環境溫度: 26 °C

測試日期: 109 年 10 月 15 日

環境濕度: 58 %

測試模式: Mode 1: Radio 1: 發射器

5530MHz-11ac80BW

Date: 14.OCT.2020 21:19:05

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：Radar Burst at the Beginning of the Channel
Availability Check Time

檢 測 器：峰值

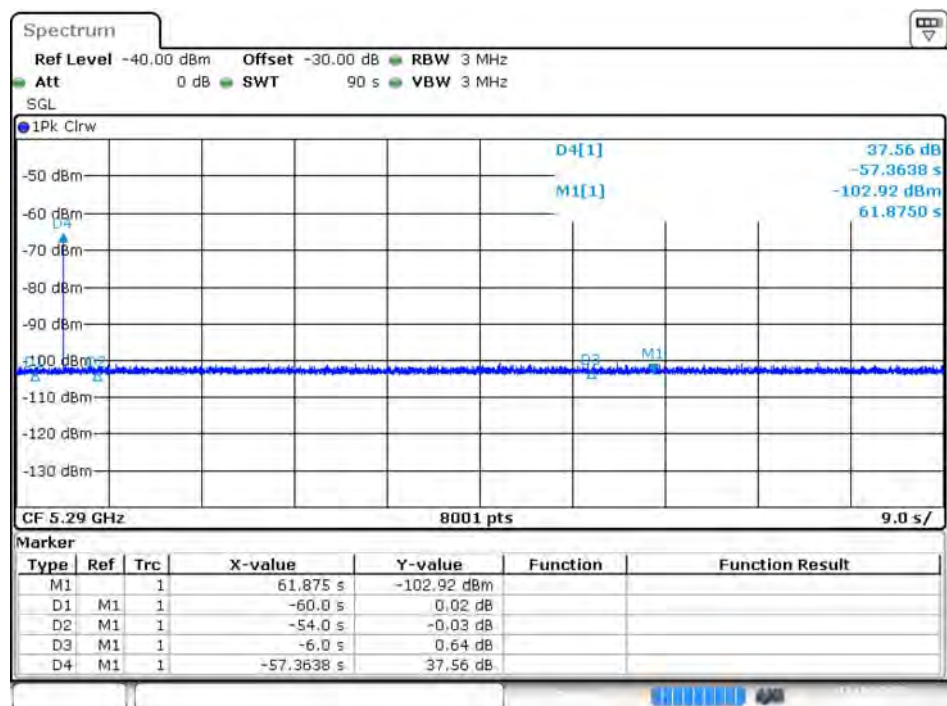
環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器

5290MHz-11ac80BW



Date: 14.OCT.2020 20:55:40

待測物名稱: Wireless Access Point

待測物型號: AP460SC

測試項目: Radar Burst at the Beginning of the Channel
Availability Check Time

檢測器: 峰值

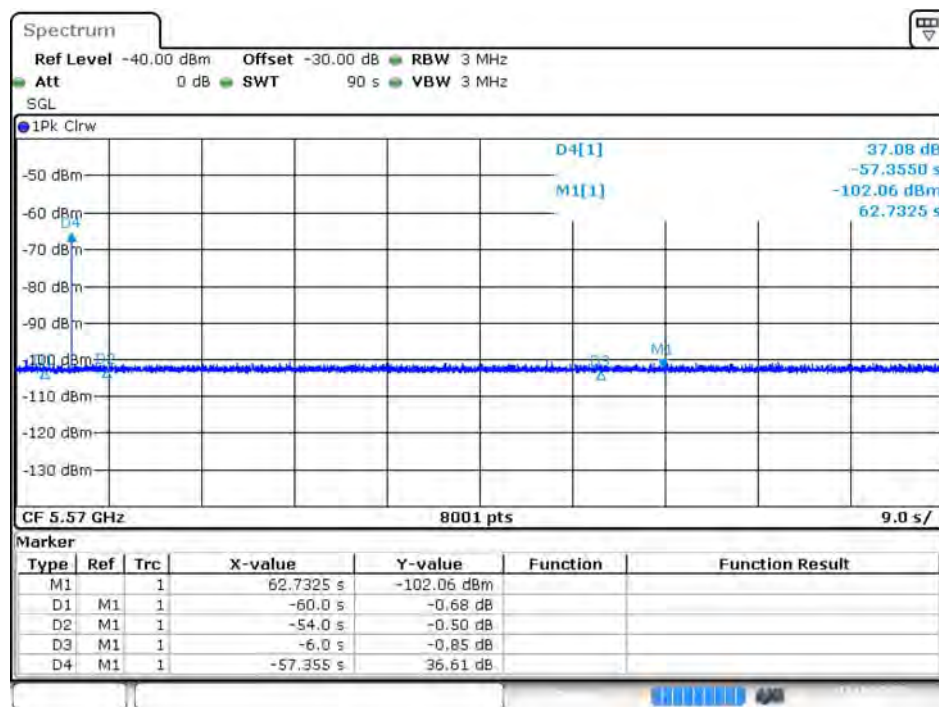
環境溫度: 26 °C

測試日期: 109 年 10 月 15 日

環境濕度: 58 %

測試模式: Mode 3: Radio 3: 發射器

5570MHz-11ac160BW



Date: 14.OCT.2020 21:30:42

待測物名稱: Wireless Access Point

待測物型號: AP460SC

測試項目: Radar Burst at the End of the Channel Availability
Check Time

檢測器: 峰值

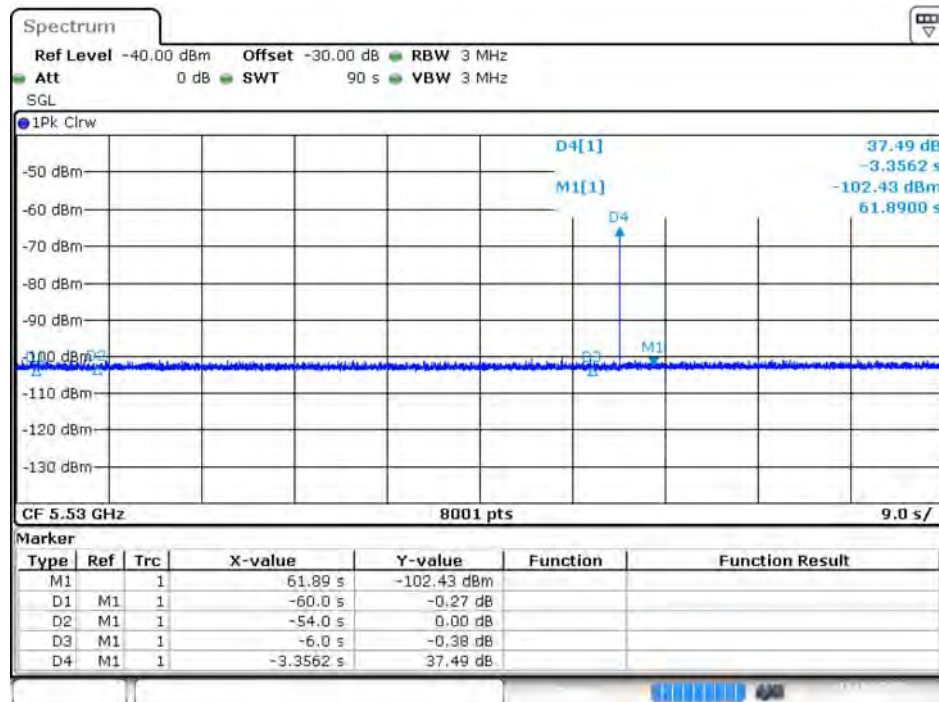
環境溫度: 26 °C

測試日期: 109 年 10 月 15 日

環境濕度: 58 %

測試模式: Mode 1: Radio 1: 發射器

5530MHz-11ac80BW



Date: 14.OCT.2020 21:11:43

待測物名稱: Wireless Access Point

待測物型號: AP460SC

測試項目: Radar Burst at the End of the Channel Availability
Check Time

檢測器: 峰值

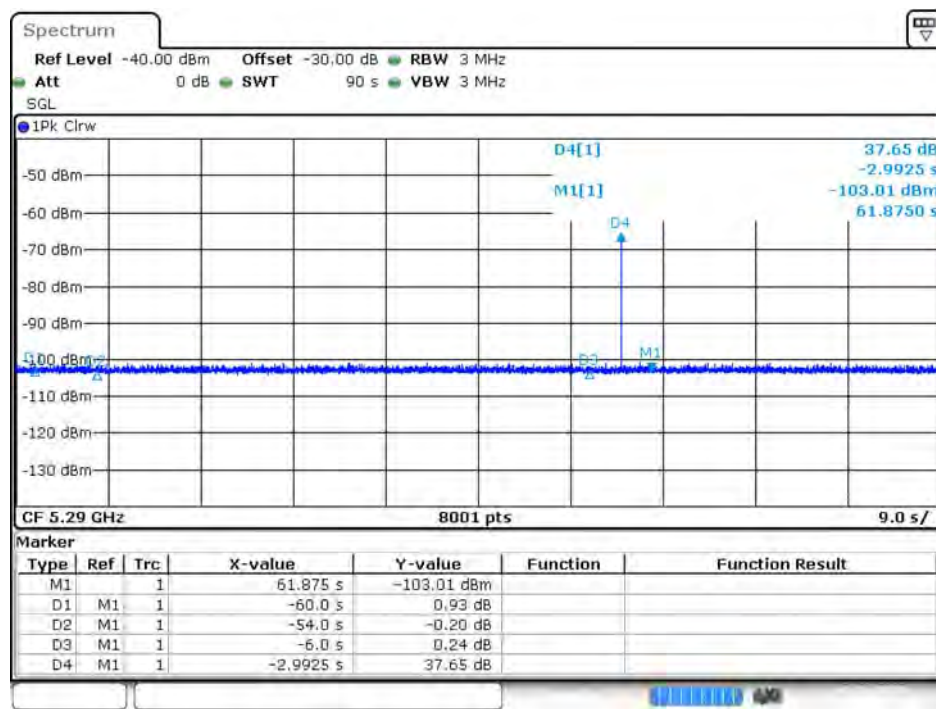
環境溫度: 26 °C

測試日期: 109 年 10 月 15 日

環境濕度: 58 %

測試模式: Mode 2: Radio 2: 發射器

5290MHz-11ac80BW



Date: 14.OCT.2020 20:57:53

待測物名稱: Wireless Access Point

待測物型號: AP460SC

測試項目: Radar Burst at the End of the Channel Availability
Check Time

檢測器: 峰值

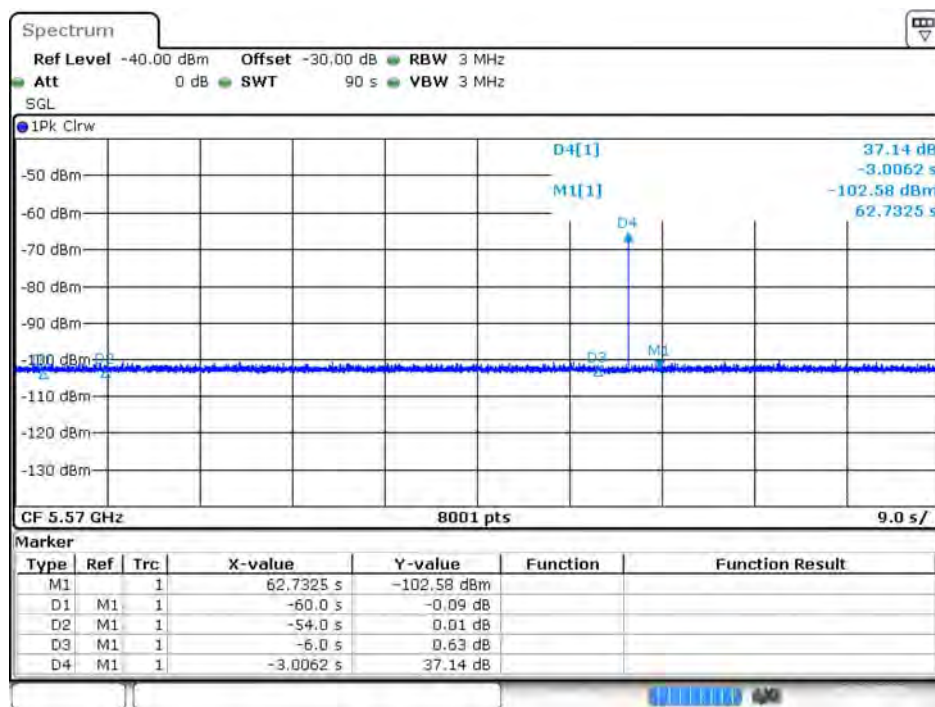
環境溫度: 26 °C

測試日期: 109 年 10 月 15 日

環境濕度: 58 %

測試模式: Mode 3: Radio 3: 發射器

5570MHz-11ac160BW



Date: 14.OCT.2020 21:32:48

3.9. 頻率移動時間量測結果

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：頻道移動時間(Channel Move Time)

(頻道關閉傳輸時間)Channel Closing Transmission Time

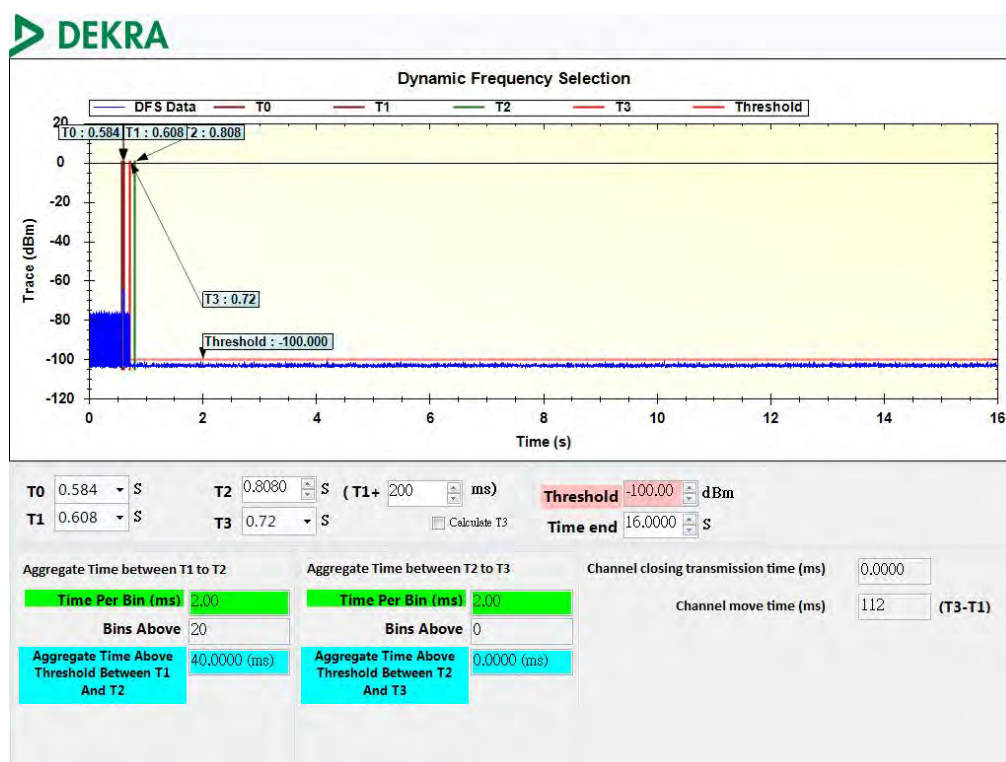
檢 測 器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日 環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器

頻道移動時間 for Radar Test Signal 0 at 5530MHz-11ac80BW



Test Item	Test Result (ms)	Limit
Channel Closing Transmission	0	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period
Channel Move Time	112	<10s

*Note: The test result is “bin number X time per bin (16s / 8001)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：頻道移動時間(Channel Move Time)

(頻道關閉傳輸時間)Channel Closing Transmission Time

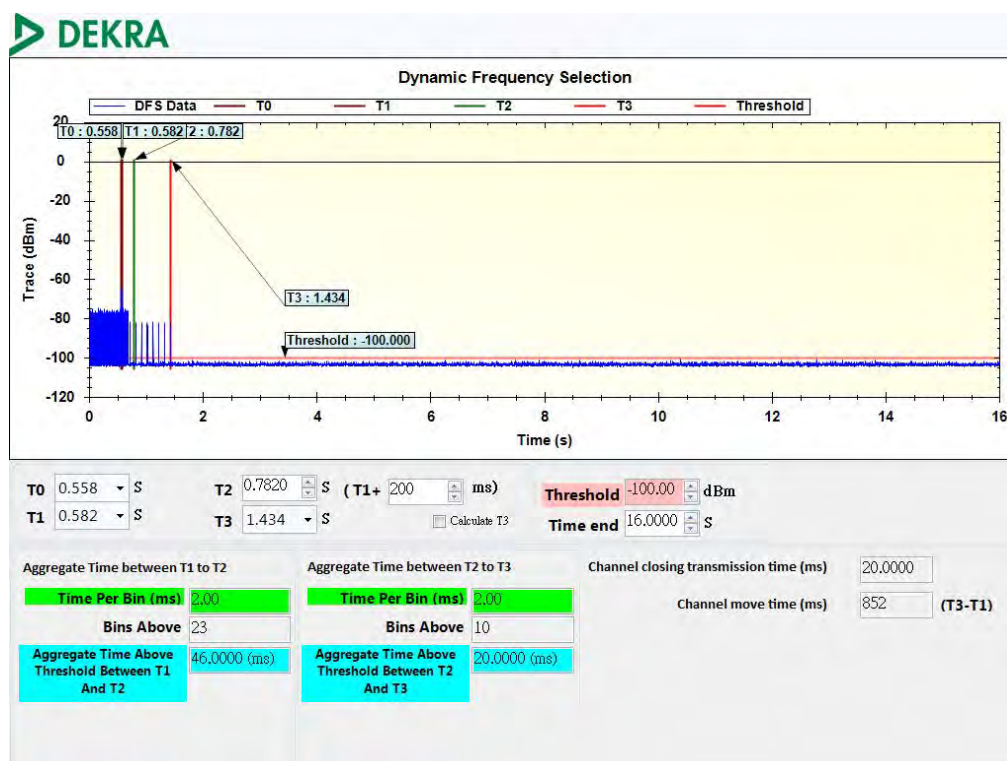
檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日 環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器

頻道移動時間 for Radar Test Signal 0 at 5290MHz-11ac80BW



Test Item	Test Result (ms)	Limit
Channel Closing Transmission	20	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period
Channel Move Time	852	<10s

*Note: The test result is “bin number X time per bin (16s / 8001)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：頻道移動時間(Channel Move Time)

(頻道關閉傳輸時間)Channel Closing Transmission Time

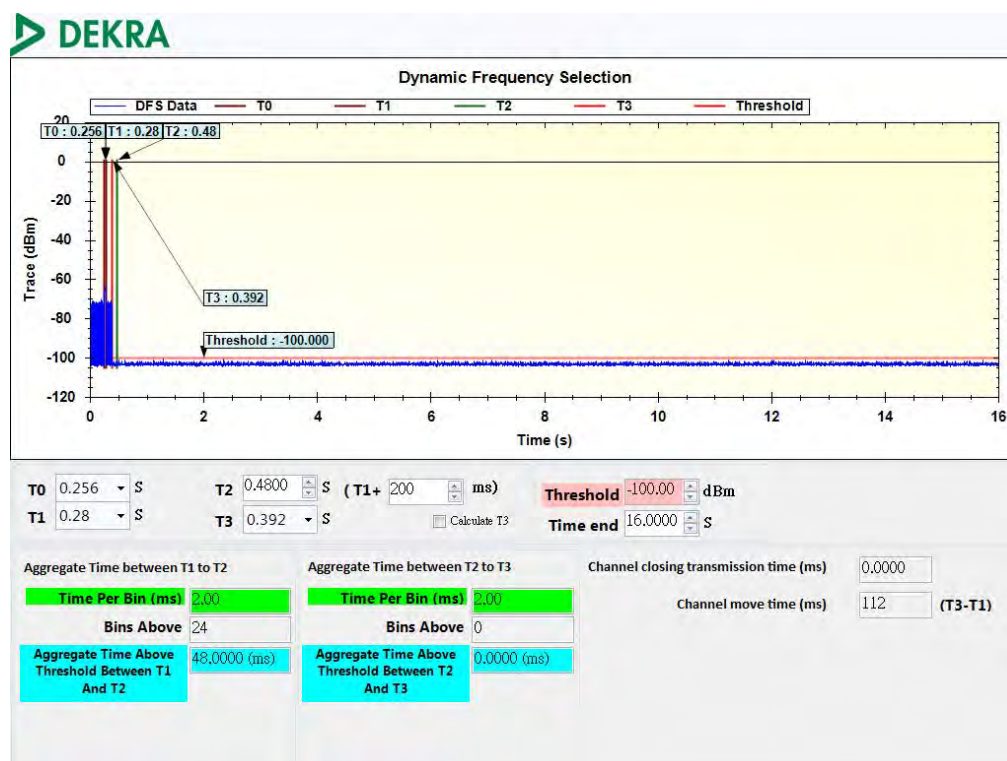
檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日 環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器

頻道移動時間 for Radar Test Signal 0 at 5570MHz-11ac160BW



Test Item	Test Result (ms)	Limit
Channel Closing Transmission	0	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period
Channel Move Time	112	<10s

*Note: The test result is “bin number X time per bin (16s / 8001)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

3.10. 30 分鐘不可佔用期間量測結果

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：30 分鐘不可佔用期間 (Non-Occupancy Period)

檢測器：峰值

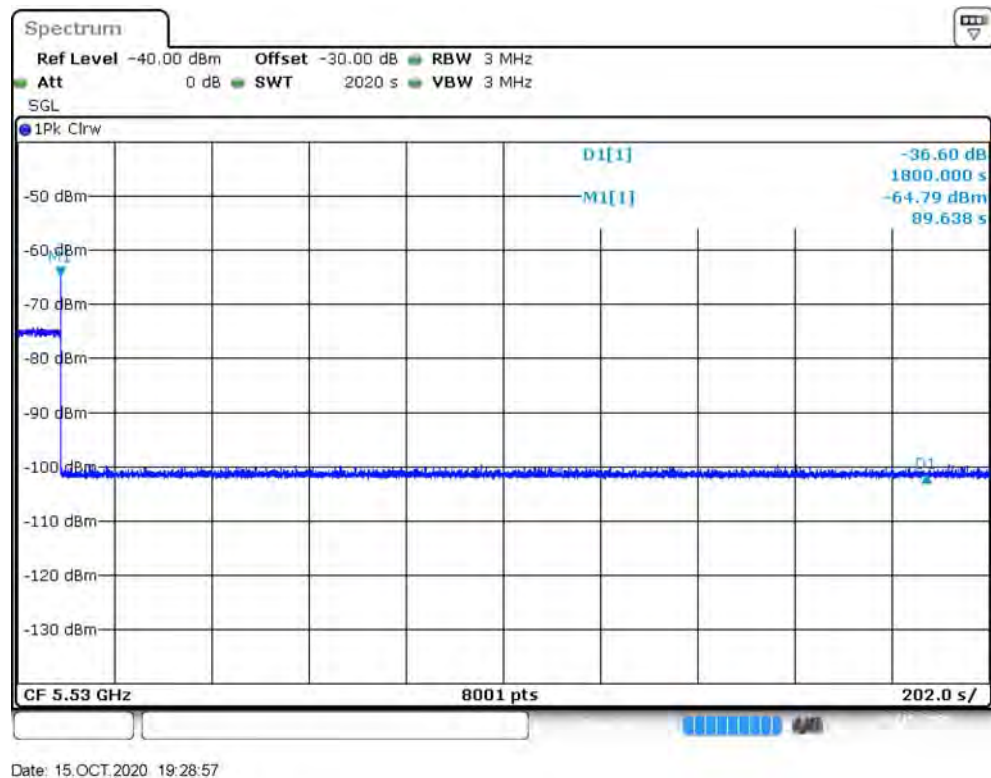
環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 1: Radio 1: 發射器

30 分鐘不可佔用期間(Associated test) at 5530MHz-11ac80BW



測試項目	量測結果	限制值	結果
不可佔用期間	>30 分鐘	30 分鐘	符合

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：30 分鐘不可佔用期間 (Non-Occupancy Period)

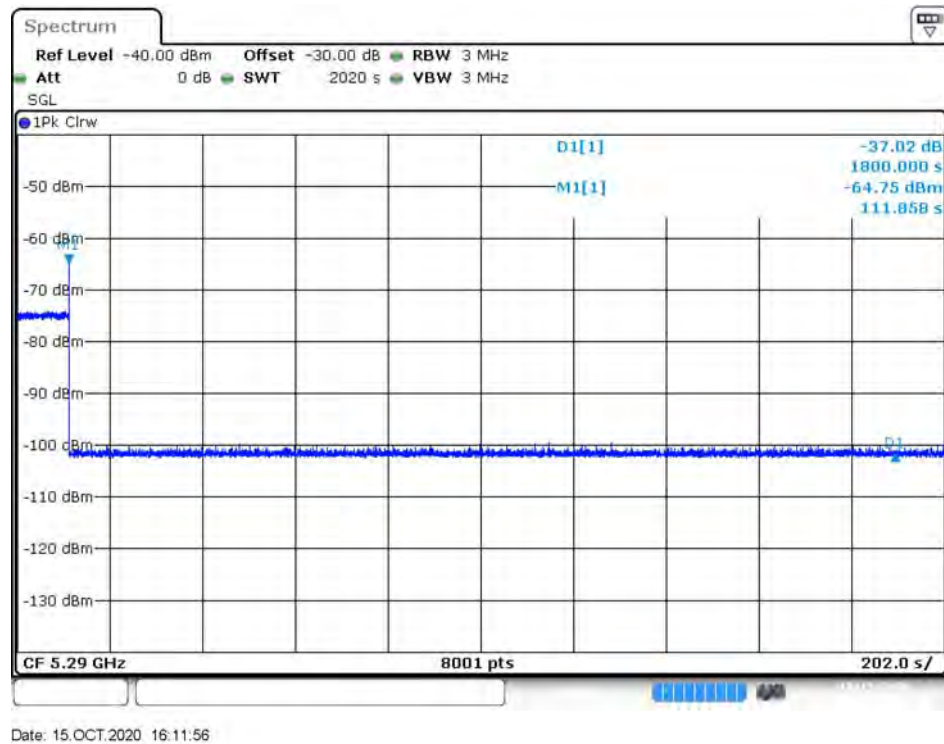
檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 2: Radio 2: 發射器

30 分鐘不可佔用期間(Associated test) at 5290MHz-11ac80BW

測試項目	量測結果	限制值	結果
不可佔用期間	>30 分鐘	30 分鐘	符合

待測物名稱：Wireless Access Point

待測物型號：AP460SC

測試項目：30 分鐘不可佔用期間 (Non-Occupancy Period)

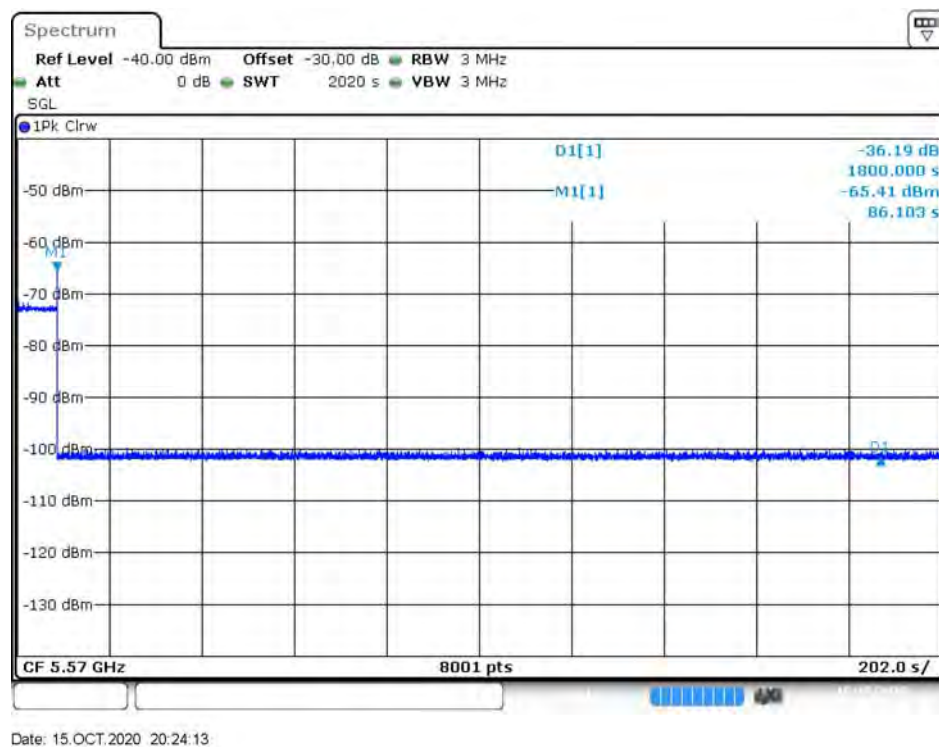
檢測器：峰值

環境溫度：26 °C

測試日期：109 年 10 月 15 日

環境濕度：58 %

測試模式：Mode 3: Radio 3: 發射器

30 分鐘不可佔用期間(Associated test) at 5570MHz-11ac160BW

測試項目	量測結果	限制值	結果
不可佔用期間	>30 分鐘	30 分鐘	符合

附件 1: 待測物測試擺設相片

Full DFS Test Setup Photo



DFS Set-up Photo: Spectrum Analyzer and Radar Generator and Client



DFS Set-up Photo: Master

