

NCC 低功率射頻電機型式試驗報告

產品名稱(中文)	Intel® Wi-Fi 6 AX201
型號	AX201D2W
廠牌	Intel

申請者	台灣雷蛇有限公司
地址	104 臺北市中山區民生東路 3 段 69、71 號 4 樓

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報告號碼	2080405R-E3032160654-B
報告版本	V1.0



本測試報告只針對受測樣品有效。

本測試報告內之測試結果可藉由測試儀器設備之校正報告與本報告內所評估量測不確定度追溯至國家或國際標準不得使用本報告宣稱產品是由 TAF 或任何政府機構背書。

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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決定。

低功率射頻電機量測報告

報告發行日期: 109 年 08 月 25 日

報告號碼: 2080405R-E3032160654-B



產品名稱(中文)	Intel® Wi-Fi 6 AX201
申請者	台灣雷蛇有限公司
地址	104 臺北市中山區民生東路 3 段 69、71 號 4 樓
製造廠商	INTEL CORPORATION SAS
待測物額定電壓	DC 3.3V
待測物測試電壓	DC 3.3V
商標或廠牌	Intel
型式號	AX201D2W
試驗標準	低功率射頻電機技術規範(107 年 01 月)
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	電源端點干擾測試	低功率射頻電機技術規範 2.3 節	PASS	請參閱 2.2 節	請參閱 3.4 節
2	天線之要求	低功率射頻電機技術規範 4.7.3 節及 4.7.8 節	PASS	--	--
3	峰值發射功率	低功率射頻電機技術規範 4.7.3 節	PASS	請參閱 2.2 節	請參閱 5.4 節
4	峰值功率頻譜密度	低功率射頻電機技術規範 4.7.3 節	PASS		請參閱 6.4 節
5	操作頻帶外的峰值發射	低功率射頻電機技術規範 4.7.4 節	PASS		請參閱 7.4 節
6	混附發射	低功率射頻電機技術規範 2.8 節及 4.7.4 節	PASS		請參閱 8.4 節
7	不必要之發射	低功率射頻電機技術規範 2.8 節及 4.7.4 節	PASS		請參閱 9.4 節
8	發射功率控制	低功率射頻電機技術規範 4.7.7 節	EIRP 大於 500mW, 依據 4.7.7.1 之描述, 須具備 TPC 功能		
9	佔用頻帶寬度	低功率射頻電機技術規範 4.7.5 節	PASS	請參閱 2.2 節	請參閱 11.4 節
10	動態頻率選擇	低功率射頻電機技術規範 4.7.7 節	請參閱 DFS 測試報告		
11	Duty Cycle	--	--	請參閱 2.2 節	請參閱 12.3 節
12	以下空白	--	--	--	--

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	協理/林介書

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附件 1: 待測物測試擺設相片

附件 2: 待測物內部相片

Revision History

Report No.	Version	Description	Issued Date
2080405R-E3032160654-B	V1.0	Initial issue of report.	2020-08-25

1. 基本資料

1.1. 待測物裝置資料

申請者(或公司)	台灣雷蛇有限公司
地址	104 臺北市中山區民生東路 3 段 69、71 號 4 樓
製造廠商	INTEL CORPORATION SAS
產品名稱	Intel® Wi-Fi 6 AX201
商標	Intel
產品型號	AX201D2W
天線樣式	PIFA Antenna
天線增益	Refer to the table “Antenna List”
頻道控制	Auto

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	SkyCross	N/A (Main) N/A (Aux)	PIFA Antenna	3.64 dBi for 5.15~5.25GHz 3.73 dBi for 5.25~5.35GHz 4.77 dBi for 5.47~5.725GHz 4.97 dBi for 5.725~5.850GHz

1.2. 待測裝置驗證說明

1. 待測裝置規格說明:

待測物為 Intel® Wi-Fi 6 AX201, 內建了 Wi-Fi 和 Bluetooth 功能, 此報告為 5GHz Wi-Fi 的測試報告; 天線為半固定式 PIFA Antenna, 悉採 5GHz 為載波, 利用寬頻數位調變(OFDM)方式 802.11a: 6 – 54Mbps, 802.11n: 14.4 – 144.4Mbps using 20MHz channel、30 – 300Mbps using 40MHz channel)來傳送訊號, 頻道 36、44、48、52、60、64、100、116、140、149、157、165 (802.11a/n-20MHz)和頻道 38、46、54、62、102、118、134、151、159(802.11n-40MHz)被選擇為測試頻道, 速率 6Mbps (802.11a)與 MCS8 (802.11n)被選擇為測試傳輸速率。

另支援 802.11ac 14.4 – 173.3Mbps using 20MHz channel、802.11ac 30 – 400Mbps using 40MHz channel、802.11ac 65 – 866.7Mbps using 80MHz channel、802.11ac 130 – 1733.3Mbps using 160MHz channel、802.11ax 17.2-286.8Mbps using 20MHz channel、802.11ax 34.4-573.5Mbps using 40MHz channel、802.11ax 72.1-1201Mbps using 80MHz channel、802.11ax 144.1-2402Mbps using 160MHz channel 來傳送訊號, 頻道 144 (802.11ac/ax-20MHz)和頻道 142(802.11ac/ax-40MHz)和頻道 42、58、106、122、138、155(802.11ac/ax-80MHz) 和頻道 50、114(802.11ac/ax-160MHz)被選擇為測試頻道。結果顯示於此份報告中。

本報告為複製報告, 在原申請人(INTEL CORPORATION SAS)的同意下, 授權台灣雷蛇有限公司使用原始測試數據, 原始報告編號為: 1890036R-RFTWP35V00。

(本次僅變更申請者, 射頻功能無變動, 其輸出功率均符合原型式認證)

(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, 且其天線為半固定式 PIFA Antenna。

<3> 基本發射工作頻率範圍 5.150-5.250GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725~5.850GHz。

<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: 802.11a: 6 – 54Mbps。

802.11n: 14.4 – 144.4Mbps using 20MHz channel、30 – 300Mbps using 40MHz channel。

802.11ac : 14.4 – 173.4Mbps using 20MHz channel、30 – 400Mbps using 40MHz channel、65 – 866.7Mbps using 80MHz channel、130 – 1733.3Mbps using 160MHz channel。

802.11ax : 17.2-286.8Mbps using 20MHz channel、34.4-573.5Mbps using 40MHz channel、72.1-1201Mbps using 80MHz channel、144.1-2402Mbps using 160MHz channel。

<7> 工作電壓: DC 3.3V。

<8> 測試軟體: DRTU (Ver 11.1832.0-08048)。

<9> 802.11a/n/ax-20MHz 共計 25 個工作頻道, 工作頻道頻率為:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 036:	5180 MHz	Channel 040:	5200 MHz	Channel 044:	5220 MHz	Channel 048:	5240 MHz
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
Channel 149:	5745 MHz	Channel 153:	5765 MHz	Channel 157:	5785 MHz	Channel 161:	5805 MHz
Channel 165:	5825 MHz						

<10>802.11n/ax-40MHz 共計 12 個工作頻道, 工作頻道頻率為:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 038:	5190 MHz	Channel 046:	5230 MHz	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	Channel 151:	5755 MHz	Channel 159:	5795 MHz

<11>802.11ac/ax-80MHz 共計 6 個工作頻道, 工作頻道頻率為:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 042:	5210 MHz	Channel 058:	5290 MHz	Channel 106:	5530 MHz	Channel 122:	5610 MHz
Channel 138:	5690 MHz	Channel 155:	5775 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

<13> 關於受測物詳細說明, 請參閱製造商規格或使用手冊。

2. 待測裝置測試之試驗條件:

待測裝置依功能特性,執行下列電磁干擾驗證測試。

EMI 模式	Mode 1: SISO A: 發射器 802.11a
	Mode 1: SISO A: 發射器 802.11n-20BW
	Mode 1: SISO A: 發射器 802.11n-40BW
	Mode 1: SISO A: 發射器 802.11ac-80BW
	Mode 1: SISO A: 發射器 802.11ac-160BW
	Mode 1: SISO A: 發射器 802.11ax-20BW
	Mode 1: SISO A: 發射器 802.11ax-40BW
	Mode 1: SISO A: 發射器 802.11ax-80BW
	Mode 1: SISO A: 發射器 802.11ax-160BW
	Mode 2: SISO B: 發射器 802.11a
	Mode 2: SISO B: 發射器 802.11n-20BW
	Mode 2: SISO B: 發射器 802.11n-40BW
	Mode 2: SISO B: 發射器 802.11ac-80BW
	Mode 2: SISO B: 發射器 802.11ac-160BW
	Mode 2: SISO B: 發射器 802.11ax-20BW
	Mode 2: SISO B: 發射器 802.11ax-40BW
	Mode 2: SISO B: 發射器 802.11ax-80BW
	Mode 2: SISO B: 發射器 802.11ax-160BW
	Mode 3: MIMO: 發射器 802.11n-20BW
	Mode 3: MIMO: 發射器 802.11n-40BW
	Mode 3: MIMO: 發射器 802.11ac-80BW
	Mode 3: MIMO: 發射器 802.11ac-160BW
	Mode 3: MIMO: 發射器 802.11ax-20BW
	Mode 3: MIMO: 發射器 802.11ax-40BW
	Mode 3: MIMO: 發射器 802.11ax-80BW
	Mode 3: MIMO: 發射器 802.11ax-160BW
	Mode 4: SISO A: 接收器 802.11ax-20BW
	Mode 4: SISO A: 接收器 802.11ax-40BW
	Mode 4: SISO A: 接收器 802.11ax-80BW
	Mode 4: SISO A: 接收器 802.11ax-160BW
	Mode 5: SISO B: 接收器 802.11ax-20BW
	Mode 5: SISO B: 接收器 802.11ax-40BW
	Mode 5: SISO B: 接收器 802.11ax-80BW
	Mode 5: SISO B: 接收器 802.11ax-160BW
	Mode 6: MIMO: 接收器 802.11ax-20BW
	Mode 6: MIMO: 接收器 802.11ax-40BW
	Mode 6: MIMO: 接收器 802.11ax-80BW
	Mode 6: MIMO: 接收器 802.11ax-160BW

1.3. 系統測試時之週邊裝置

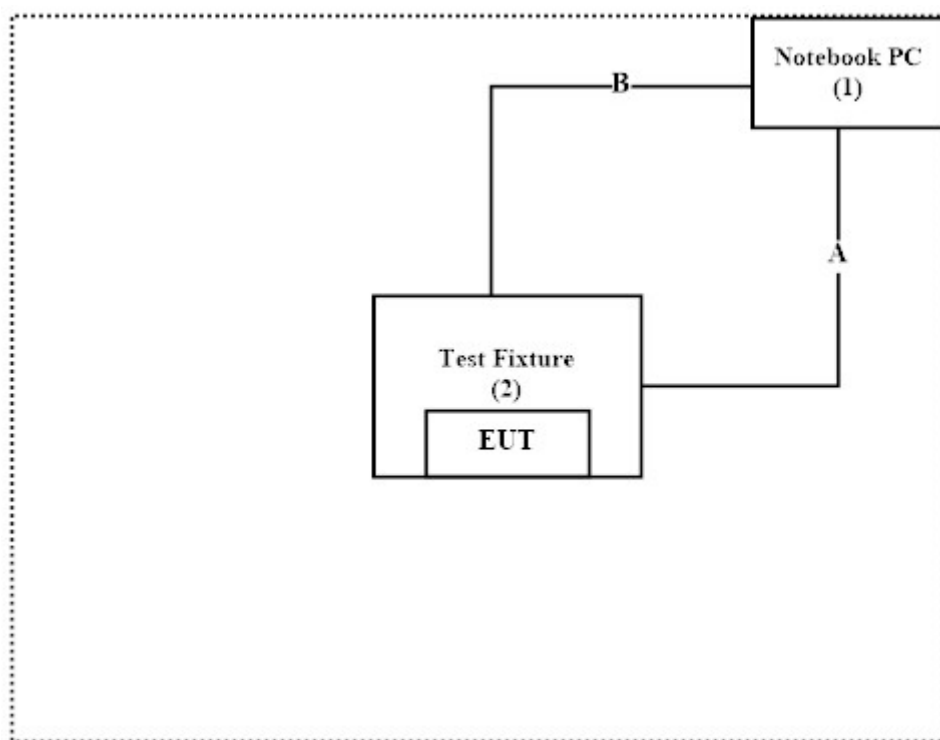
待測裝置測試時，其搭配系統測試時之週邊裝置包括下列：

發射器模式 & 接收器模式：

Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	P62G	9TSGJC2
2	Test Fixture	Intel	PCB00651_01	N/A

Signal Cable Type	Manufacturer	Model No.	Signal cable Description
A	Test Fixture Line Cable	Intel	cable_02
B	USB Cable	Dekra	cable_06

1.4. 測試系統組合圖



1.5. 待測裝置測試時之典型操作程序

1.	測試配置如上圖 1.4 所示.
2.	執行 DRTU (Ver 11.1832.0-08048)控制發射
3.	設定所要測試之模式、頻道及速率
4.	確認訊號是持續發射狀態模式，無誤後開始測試

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:

項 目	實際測試條件
溫度 (°C)	20-35
濕度 (%RH)	30-65
大氣壓力 (mbar)	950-1000

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：低功率射頻電機(工作頻率9kHz to 220GHz)

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：新北市林口區文化一路二段159號

電話號碼：+886-2-2602-7968

傳真號碼：+866-2-2602-3286

電子郵件信箱：info.tw@dekra.com

公司網站：<http://www.dekra.com.tw>

2.2. 測試設備明細

For Conduction measurements /ASR1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	EMI Test Receiver	R&S	ESR7	101601	2018.02.08	2019.02.07
X	Two-Line V-Network	R&S	ENV216	101306	2018.03.09	2019.03.08
X	Two-Line V-Network	R&S	ENV216	101307	2018.03.20	2019.03.19
X	Coaxial Cable	Quietek	RG400_BNC	RF001	2018.05.24	2019.05.23

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : QuieTek EMI 2.0 V2.1.113

For Conducted measurements /ASR4

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Spectrum Analyzer	R&S	FSV30	103464	2018.01.23	2019.01.22
X	Power Meter	Anritsu	ML2496A	1548003	2017.12.11	2018.12.10
X	Power Sensor	Anritsu	MA2411B	1531024	2017.12.11	2018.12.10
X	Power Sensor	Anritsu	MA2411B	1531025	2017.12.11	2018.12.10
	Bluetooth Tester	R&S	CBT	101238	2018.01.18	2019.01.17

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Conduction Test System V9.0.1

For Radiated measurements /ACB1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Loop Antenna	AMETEK	HLA6121	49611	2018.01.26	2019.01.25
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-675	2018.06.05	2019.06.04
X	Horn Antenna	ETS-Lindgren	3117	00203800	2017.11.10	2018.11.09
X	Horn Antenna	Com-Power	AH-840	101087	2018.06.01	2019.05.31
X	Pre-Amplifier	EMCI	EMC001330	980316	2018.06.01	2019.05.31
X	Pre-Amplifier	EMCI	EMC051835SE	980311	2018.06.04	2019.06.03
X	Pre-Amplifier	EMCI	EMC05820SE	980310	2018.06.04	2019.06.03
X	Pre-Amplifier	EMCI	EMC184045SE	980314	2018.05.16	2019.05.15
	Filter	MICRO TRONICS	BRM50702	G251	2018.09.04	2019.09.03
X	Filter	MICRO TRONICS	BRM50716	G188	2018.09.04	2019.09.03
X	EMI Test Receiver	R&S	ESR7	101602	2017.12.11	2018.12.10
X	Spectrum Analyzer	R&S	FSV40	101148	2018.02.08	2019.02.07
X	Coaxial Cable	SUHNER	SUCOFLEX 106	RF002	2018.05.25	2019.05.24
X	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2018.05.16	2019.05.15

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : QuieTek EMI 2.0 V2.1.113

3. 電源端點干擾測試

3.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 2.3 節，以市電為電源之低功率射頻電機，其傳導回電源線上頻率自 150 kHz~30 百萬赫(MHz)之射頻電壓(在電源端子每一電源線對接地點)應小於或等於下表所列之限制值。測量時應經過 50 微亨利(uH)及 50 歐姆(Ω)之電源線阻抗穩定網路(Line Impedance Stabilization Network；LISN)。頻率重疊處，以較低限制值為準。

Frequency 頻率範圍 MHz	傳導限制值(dB μ V)	
	準尖峰值	平均值
0.15 - 0.50	66-56 _(註)	56-46 _(註)
0.50-5.0	56	46
5.0 - 30	60	50

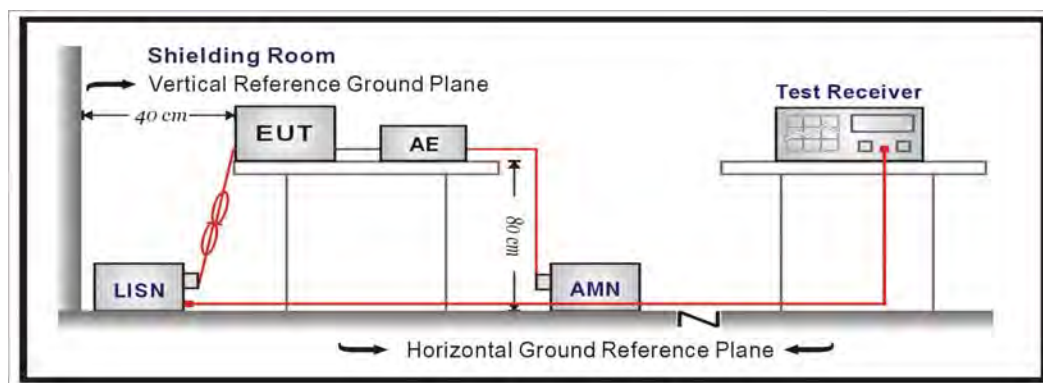
註:隨頻率之對數遞減

3.2. 量測方法

待測物置於高 80 公分之非導體桌面（落地型產品置於地上），將待測物之電源線接至電源阻抗網路器(LISN)，同時保持待測物至 LISN 距 80 公分，並將電源線多餘部份以 30 至 40 公分之八字形捆綁於電源線中央，於在正常工作狀態下，執行待測物之火線及地線各一次量測。

電源端點場強之測量範圍由 0.15MHz – 30MHz，所量測之讀值皆為準尖峰值(Quasi-Peak Value)及平均值(Average Value)。場強接收機之解析頻寬為 10kHz。

3.3. 測試架構圖



3.4. 量測不確定度

此項測試之量測不確定度為 ± 2.35 dB。

Note: 經初測驗證過，電源端點干擾測試對測試頻道數並無差異，因此檢附其中一個測試頻道測試數據。

3.5. 電源端點測試結果

待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 1: SISO A: 發射器 802.11ax-160BW

測試頻道: CH 50 (5250MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV	dB	dBμV
LINE 1					
準尖峰值					
0.152	9.611	39.118	48.729	-17.214	65.943
0.377	9.622	27.418	37.039	-22.475	59.514
2.247	9.663	15.486	25.149	-30.851	56.000
3.358	9.694	22.358	32.052	-23.948	56.000
9.505	9.827	18.079	27.906	-32.094	60.000
24.576	10.010	9.448	19.458	-40.542	60.000
平均值					
0.152	9.611	22.140	31.751	-24.192	55.943
0.377	9.622	17.254	26.876	-22.638	49.514
2.247	9.663	7.374	17.036	-28.964	46.000
3.358	9.694	10.635	20.329	-25.671	46.000
9.505	9.827	13.923	23.750	-26.250	50.000
24.576	10.010	8.429	18.439	-31.561	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “”意指量測數據中最高量測值。
3. $\text{Measurement Level} = \text{Reading Level} + \text{Correct Factor}$ 。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試頻道: CH 50 (5250MHz)

6 dB 頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

測試日期: 107 年 09 月 27 日

測試模式: Mode 1: SISO A: 發射器 802.11ax-160BW

試驗端點: Line 2

視頻頻寬: 10 kHz

環境溫度: 23 °C

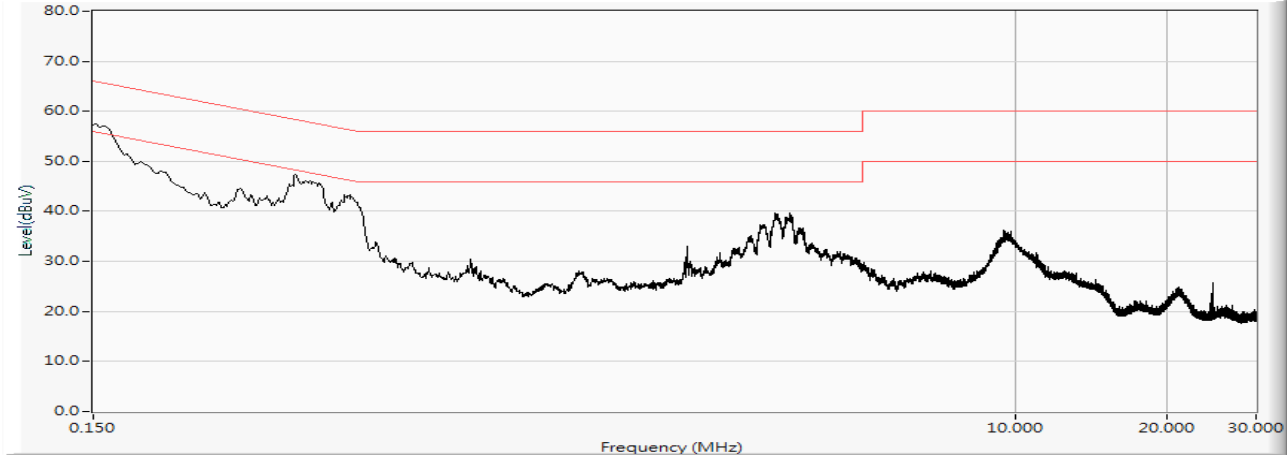
環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
	dB	dBμV	dBμV		
LINE 2					
準尖峰值					
0.152	9.602	39.474	49.075	-16.868	65.943
0.375	9.616	27.354	36.971	-22.600	59.571
1.453	9.650	12.496	22.146	-33.854	56.000
3.385	9.694	20.684	30.378	-25.622	56.000
9.762	9.838	11.360	21.199	-38.801	60.000
21.147	10.012	6.238	16.250	-43.750	60.000
平均值					
0.152	9.602	21.920	31.522	-24.421	55.943
0.375	9.616	18.242	27.858	-21.713	49.571
1.453	9.650	7.026	16.676	-29.324	46.000
3.385	9.694	9.911	19.605	-26.395	46.000
9.762	9.838	7.149	16.987	-33.013	50.000
21.147	10.012	2.115	12.127	-37.873	50.000

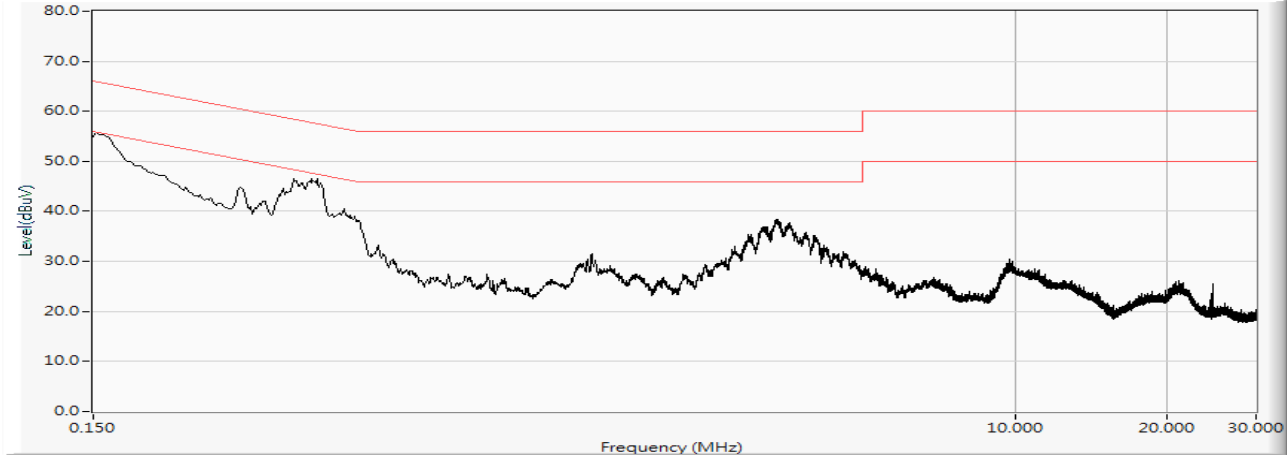
備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 1: SISO A: 發射器 802.11ax-160BW

測試頻道: CH 114 (5570MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 1					
準尖峰值					
0.150	9.611	37.388	46.999	-19.001	66.000
0.393	9.623	25.254	34.877	-24.180	59.057
2.981	9.690	17.266	26.956	-29.044	56.000
3.399	9.694	22.736	32.430	-23.570	56.000
9.728	9.838	18.703	28.541	-31.459	60.000
21.266	9.980	3.869	13.849	-46.151	60.000
平均值					
0.150	9.611	21.468	31.080	-24.920	56.000
0.393	9.623	16.526	26.149	-22.908	49.057
2.981	9.690	9.507	19.197	-26.803	46.000
3.399	9.694	11.034	20.728	-25.272	46.000
9.728	9.838	14.255	24.093	-25.907	50.000
21.266	9.980	-0.748	9.232	-40.768	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試頻道: CH 114 (5570MHz)

6 dB 頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

測試日期: 107 年 09 月 27 日

測試模式: Mode 1: SISO A: 發射器 802.11ax-160BW

試驗端點: Line 2

視頻頻寬: 10 kHz

環境溫度: 23 °C

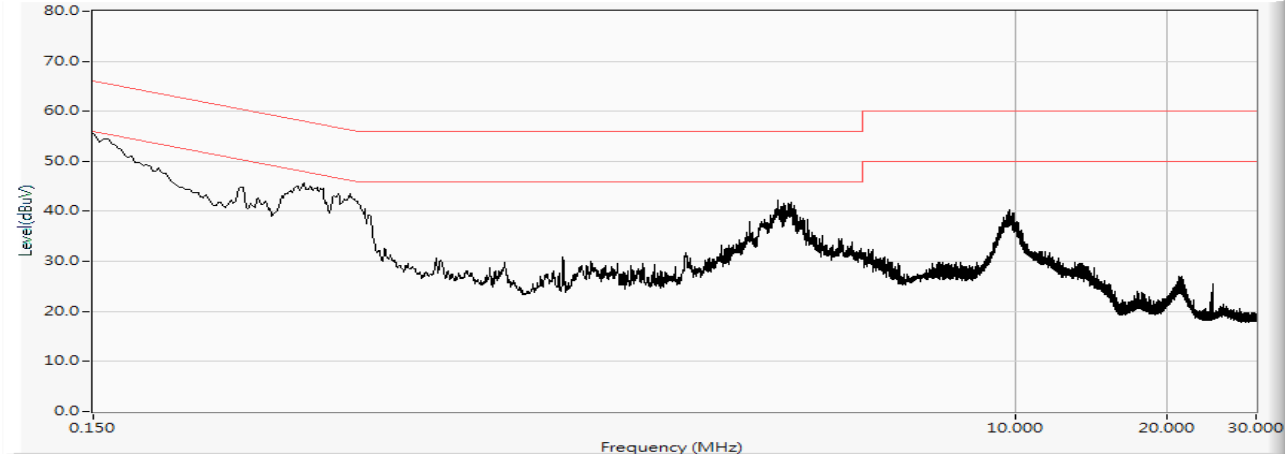
環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
	dB	dBμV	dBμV		
LINE 2					
準尖峰值					
0.150	9.601	36.718	46.319	-19.681	66.000
0.389	9.617	26.709	36.326	-22.845	59.171
1.491	9.650	12.108	21.758	-34.242	56.000
3.381	9.694	21.082	30.776	-25.224	56.000
9.812	9.839	11.516	21.355	-38.645	60.000
24.576	10.050	9.677	19.727	-40.273	60.000
平均值					
0.150	9.601	23.397	32.999	-23.001	56.000
0.389	9.617	17.488	27.104	-22.067	49.171
1.491	9.650	7.317	16.967	-29.033	46.000
3.381	9.694	10.376	20.070	-25.930	46.000
9.812	9.839	7.401	17.240	-32.760	50.000
24.576	10.050	8.534	18.584	-31.416	50.000

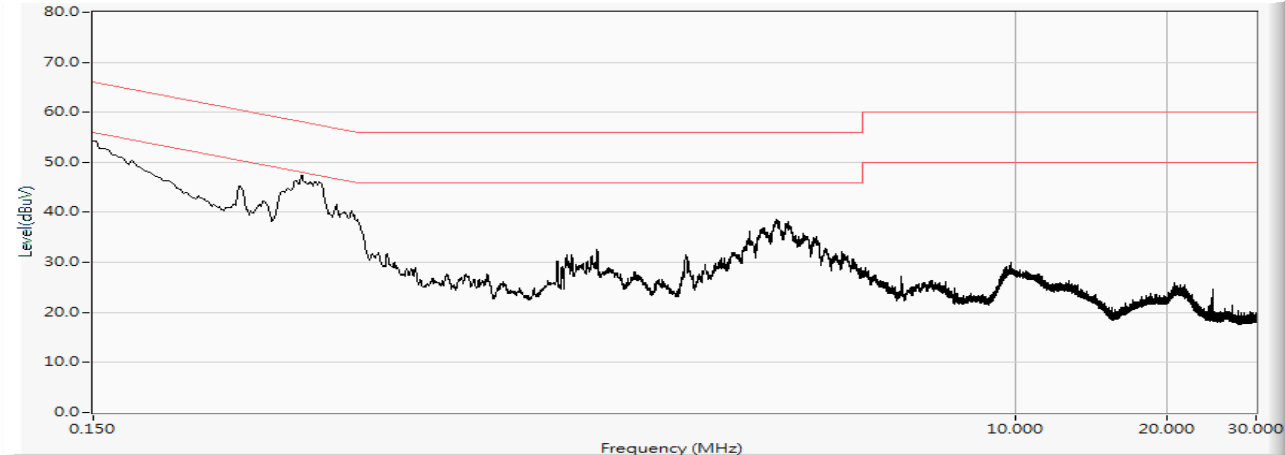
備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 2: SISO B: 發射器 802.11ax-160BW

測試頻道：CH 50 (5250MHz)

試驗端點：Line 1

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

環境濕度：50 %

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
LINE 1					
準尖峰值					
0.150	9.611	36.925	46.537	-19.463	66.000
0.373	9.621	27.167	36.789	-22.840	59.629
0.863	9.640	11.097	20.737	-35.263	56.000
3.469	9.695	18.074	27.769	-28.231	56.000
3.469	9.695	17.212	26.907	-29.093	56.000
9.823	9.839	19.232	29.071	-30.929	60.000
20.816	9.980	3.878	13.858	-46.142	60.000
平均值					
0.150	9.611	21.875	31.486	-24.514	56.000
0.373	9.621	19.478	29.100	-20.529	49.629
0.863	9.640	2.584	12.224	-33.776	46.000
3.469	9.695	9.869	19.564	-26.436	46.000
9.823	9.839	14.362	24.201	-25.799	50.000
20.816	9.980	-0.994	8.986	-41.014	50.000

備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. $\text{Measurement Level} = \text{Reading Level} + \text{Correct Factor}$ 。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 2: SISO B: 發射器 802.11ax-160BW

測試頻道：CH 50 (5250MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

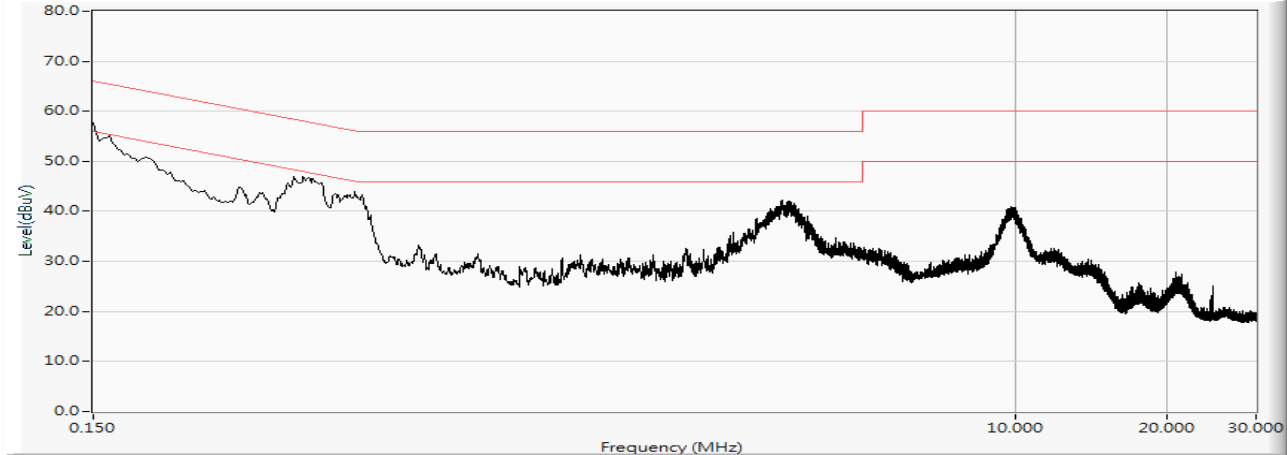
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
	dB	dBμV	dBμV		
LINE 2					
準尖峰值					
0.152	9.602	38.088	47.689	-18.254	65.943
1.516	9.650	11.752	21.402	-34.598	56.000
3.478	9.695	17.552	27.247	-28.753	56.000
6.063	9.761	4.457	14.218	-45.782	60.000
9.980	9.840	11.659	21.499	-38.501	60.000
24.576	10.050	13.213	23.263	-36.737	60.000
平均值					
0.152	9.602	21.553	31.155	-24.788	55.943
1.516	9.650	6.903	16.553	-29.447	46.000
3.478	9.695	8.406	18.101	-27.899	46.000
6.063	9.761	0.114	9.875	-40.125	50.000
9.980	9.840	7.568	17.408	-32.592	50.000
24.576	10.050	12.862	22.912	-27.088	50.000

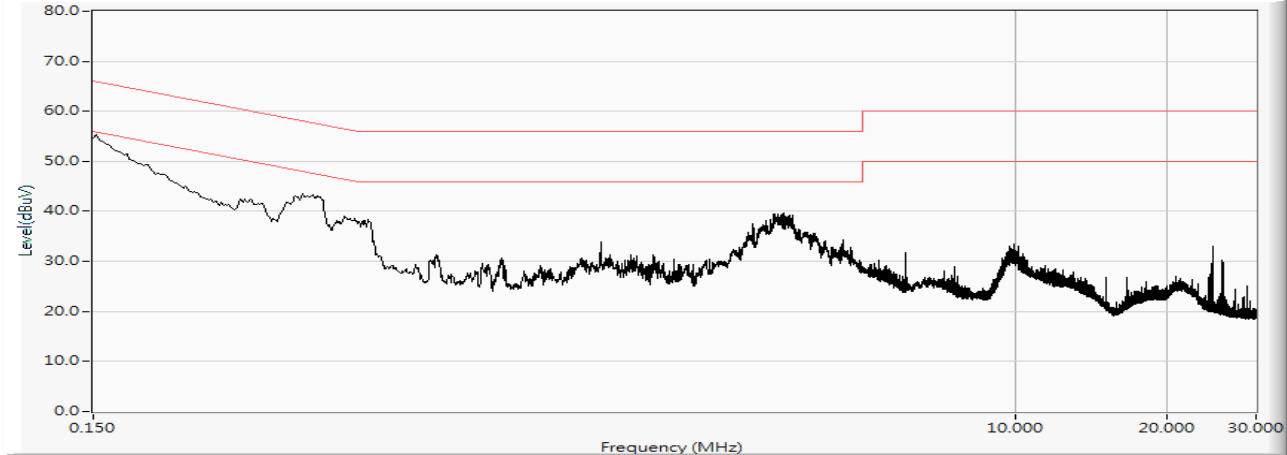
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 2: SISO B: 發射器 802.11ax-160BW

測試頻道: CH 114 (5570MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 1					
準尖峰值					
0.152	9.611	38.446	48.057	-17.886	65.943
0.382	9.622	25.211	34.832	-24.539	59.371
2.254	9.663	10.431	20.094	-35.906	56.000
3.374	9.694	22.895	32.589	-23.411	56.000
9.690	9.838	18.641	28.479	-31.521	60.000
24.576	10.010	13.010	23.020	-36.980	60.000
平均值					
0.152	9.611	24.200	33.811	-22.132	55.943
0.382	9.622	16.306	25.928	-23.443	49.371
2.254	9.663	5.359	15.022	-30.978	46.000
3.374	9.694	11.187	20.881	-25.119	46.000
9.690	9.838	14.054	23.892	-26.108	50.000
24.576	10.010	12.355	22.365	-27.635	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 2: SISO B: 發射器 802.11ax-160BW

測試頻道：CH 114 (5570MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

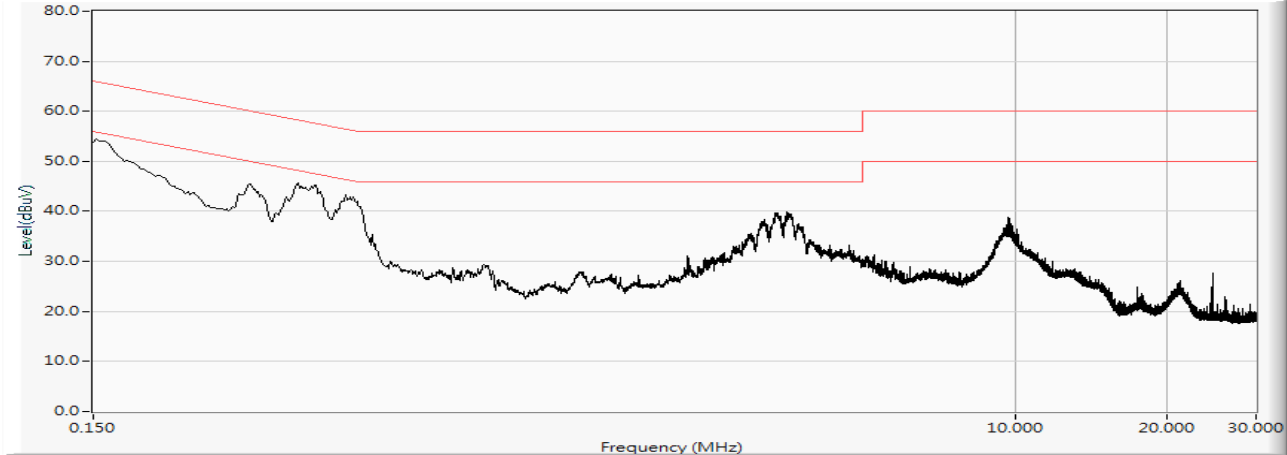
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 2					
準尖峰值					
0.152	9.602	38.898	48.500	-17.443	65.943
0.411	9.617	25.175	34.792	-23.751	58.543
3.534	9.705	17.549	27.254	-28.746	56.000
9.933	9.840	11.960	21.800	-38.200	60.000
20.812	10.008	5.375	15.383	-44.617	60.000
24.576	10.050	13.592	23.642	-36.358	60.000
平均值					
0.152	9.602	21.860	31.461	-24.482	55.943
0.411	9.617	15.414	25.031	-23.512	48.543
3.534	9.705	8.341	18.046	-27.954	46.000
9.933	9.840	7.951	17.791	-32.209	50.000
20.812	10.008	1.475	11.483	-38.517	50.000
24.576	10.050	12.800	22.850	-27.150	50.000

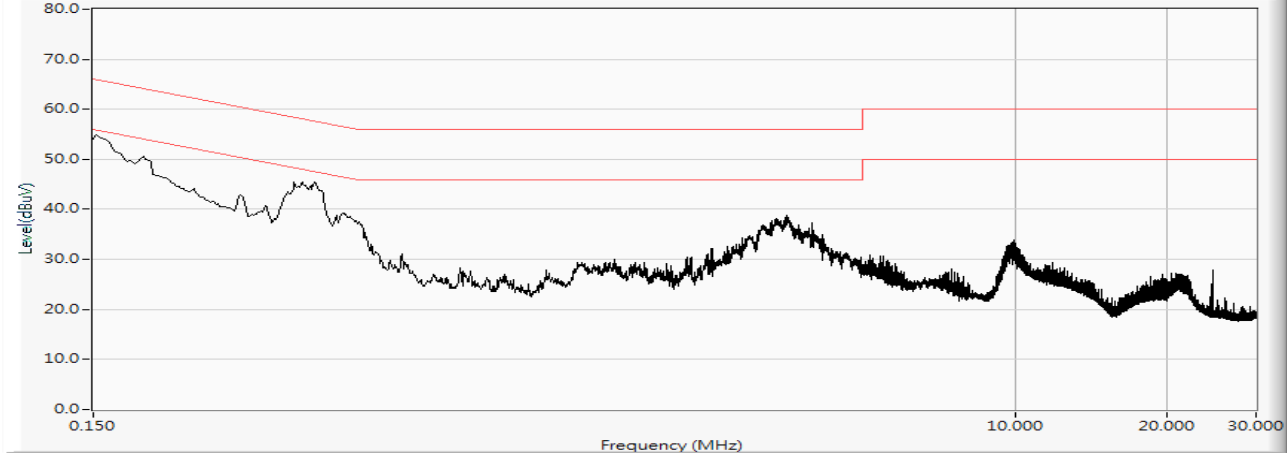
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 3: MIMO: 發射器 802.11ax-160BW

測試頻道: CH 50 (5250MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 1					
準尖峰值					
0.152	9.611	39.117	48.728	-17.215	65.943
0.382	9.622	26.229	35.851	-23.520	59.371
1.491	9.650	10.177	19.827	-36.173	56.000
3.568	9.706	22.778	32.483	-23.517	56.000
9.618	9.837	18.523	28.361	-31.639	60.000
24.576	10.010	13.280	23.290	-36.710	60.000
平均值					
0.152	9.611	22.163	31.774	-24.169	55.943
0.382	9.622	15.808	25.430	-23.941	49.371
1.491	9.650	4.807	14.457	-31.543	46.000
3.568	9.706	10.364	20.070	-25.930	46.000
9.618	9.837	14.318	24.155	-25.845	50.000
24.576	10.010	12.323	22.333	-27.667	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. $\text{Measurement Level} = \text{Reading Level} + \text{Correct Factor}$ 。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 3: MIMO: 發射器 802.11ax-160BW

測試頻道：CH 50 (5250MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

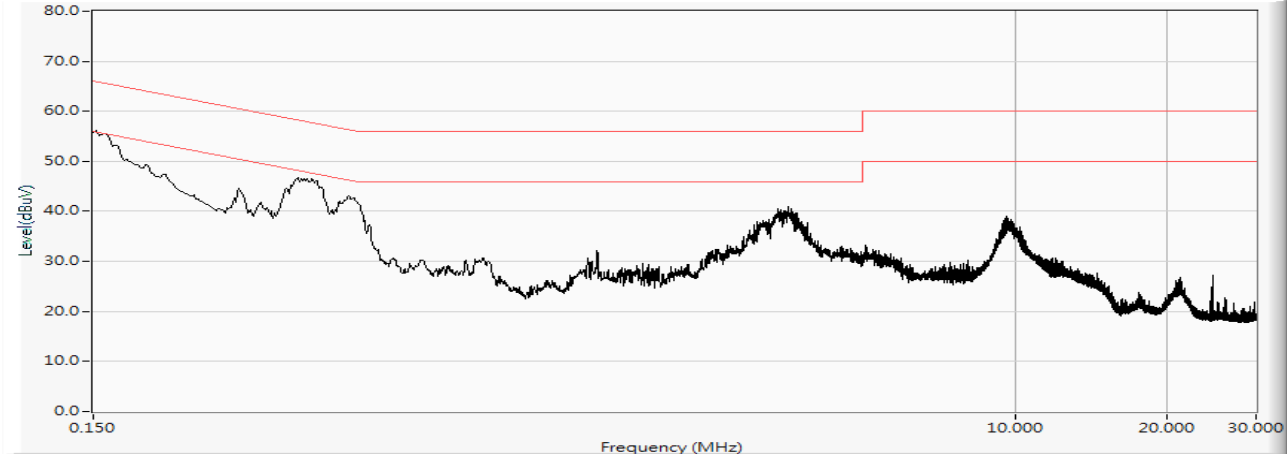
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 2					
準尖峰值					
0.152	9.602	38.896	48.497	-17.446	65.943
0.380	9.616	26.235	35.851	-23.578	59.429
0.910	9.640	7.788	17.428	-38.572	56.000
2.380	9.674	8.938	18.612	-37.388	56.000
3.370	9.694	21.392	31.086	-24.914	56.000
10.048	9.841	11.789	21.630	-38.370	60.000
平均值					
0.152	9.602	22.395	31.996	-23.947	55.943
0.380	9.616	15.395	25.011	-24.418	49.429
2.380	9.674	3.834	13.508	-32.492	46.000
3.370	9.694	11.237	20.931	-25.069	46.000
10.048	9.841	7.726	17.566	-32.434	50.000

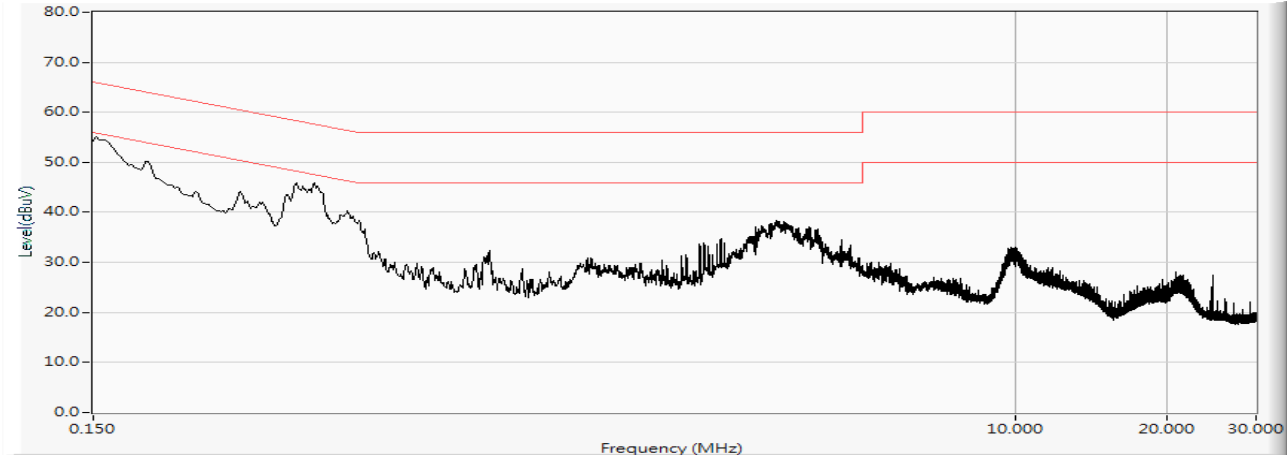
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “”意指量測數據中最高量測值。
3. $\text{Measurement Level} = \text{Reading Level} + \text{Correct Factor}$ 。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 3: MIMO: 發射器 802.11ax-160BW

測試頻道: CH 114 (5570MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBμV	dBμV	dB	dBμV
LINE 1					
準尖峰值					
0.152	9.611	38.665	48.276	-17.667	65.943
0.413	9.624	25.562	35.186	-23.300	58.486
1.491	9.650	9.955	19.605	-36.395	56.000
3.435	9.694	21.207	30.901	-25.099	56.000
9.787	9.839	18.701	28.540	-31.460	60.000
24.576	10.010	13.096	23.106	-36.894	60.000
24.576	10.010	12.391	22.401	-37.599	60.000
平均值					
0.152	9.611	22.146	31.757	-24.186	55.943
0.413	9.624	15.080	24.704	-23.782	48.486
1.491	9.650	4.415	14.065	-31.935	46.000
3.435	9.694	9.796	19.490	-26.510	46.000
9.787	9.839	14.623	24.462	-25.538	50.000
24.576	10.010	12.483	22.493	-27.507	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. $\text{Measurement Level} = \text{Reading Level} + \text{Correct Factor}$ 。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 3: MIMO: 發射器 802.11ax-160BW

測試頻道：CH 114 (5570MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

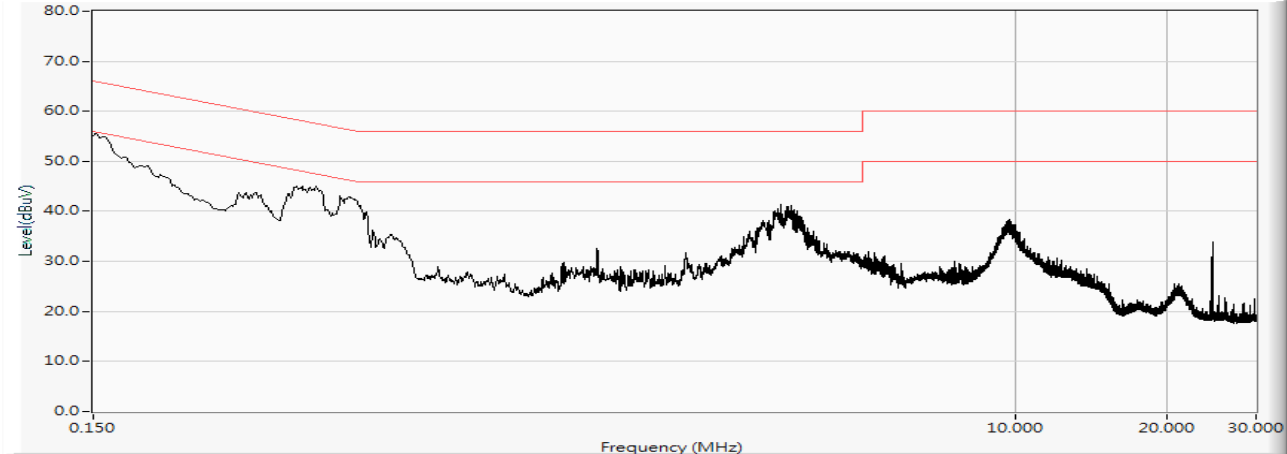
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 2					
準尖峰值					
0.152	9.602	39.026	48.628	-17.315	65.943
0.310	9.614	22.789	32.403	-29.026	61.429
0.409	9.617	24.955	34.572	-24.028	58.600
3.377	9.694	21.417	31.111	-24.889	56.000
9.670	9.838	10.906	20.744	-39.256	60.000
24.576	10.050	13.447	23.497	-36.503	60.000
平均值					
0.152	9.602	22.297	31.899	-24.044	55.943
0.310	9.614	14.828	24.442	-26.987	51.429
0.409	9.617	14.246	23.863	-24.737	48.600
3.377	9.694	10.820	20.514	-25.486	46.000
9.670	9.838	6.257	16.095	-33.905	50.000
24.576	10.050	12.809	22.859	-27.141	50.000

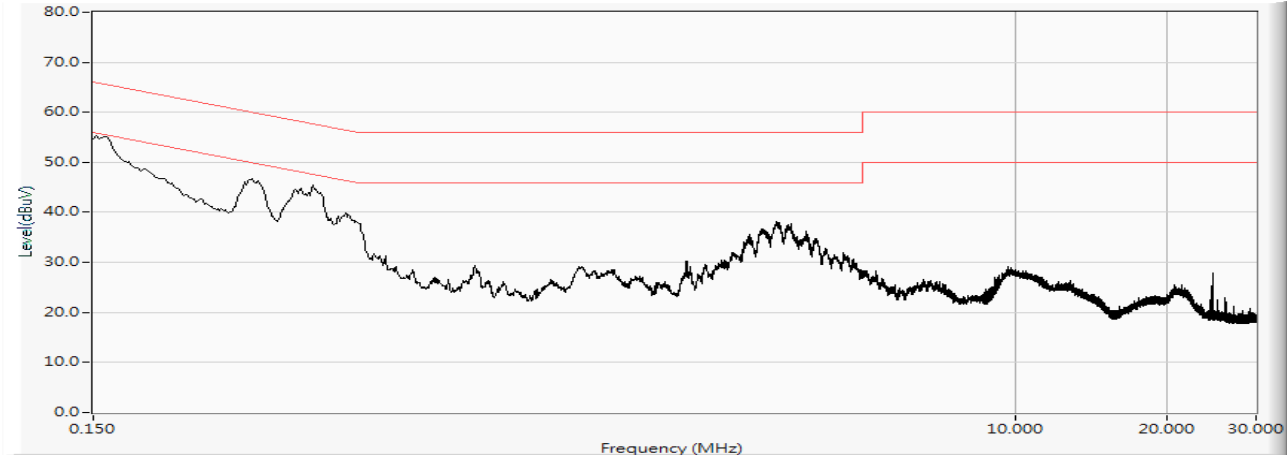
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 4: SISO A: 接收器 802.11ax-160BW

測試頻道: CH 50 (5250MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBμV	dBμV	dB	dBμV
LINE 1					
準尖峰值					
0.152	9.611	35.406	45.017	-20.926	65.943
0.481	9.628	27.639	37.267	-19.276	56.543
1.577	9.650	10.845	20.495	-35.505	56.000
3.455	9.695	18.431	28.126	-27.874	56.000
9.692	9.838	18.918	28.756	-31.244	60.000
24.576	10.010	11.231	21.241	-38.759	60.000
平均值					
0.152	9.611	21.785	31.395	-24.548	55.943
0.481	9.628	18.205	27.833	-18.710	46.543
1.577	9.650	4.469	14.119	-31.881	46.000
3.455	9.695	8.575	18.270	-27.730	46.000
9.692	9.838	14.281	24.119	-25.881	50.000
24.576	10.010	10.655	20.665	-29.335	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 4: SISO A: 接收器 802.11ax-160BW

測試頻道：CH 50 (5250MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

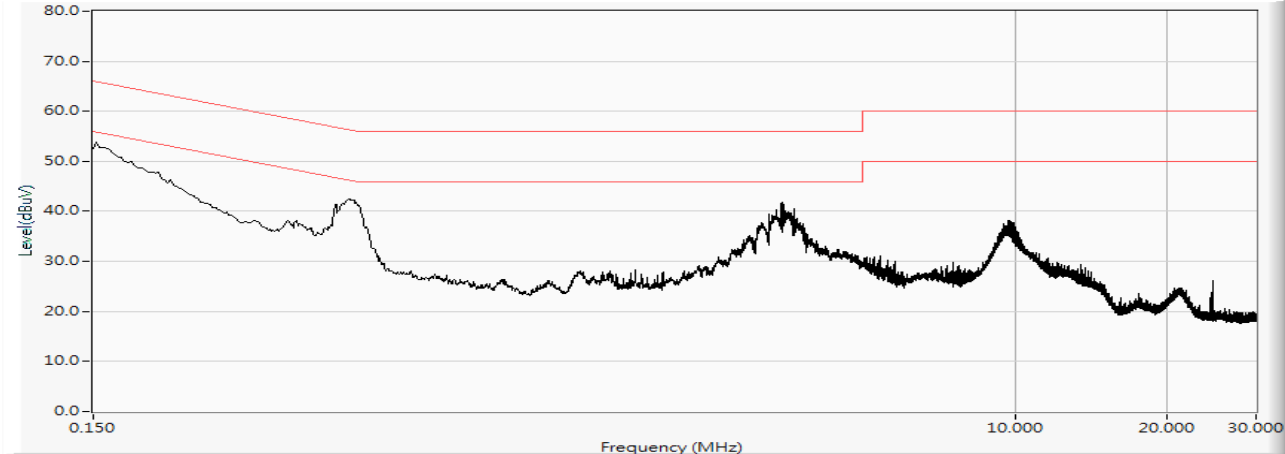
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 2					
準尖峰值					
0.152	9.602	36.619	46.221	-19.722	65.943
0.614	9.625	6.399	16.024	-39.976	56.000
0.910	9.640	7.152	16.792	-39.208	56.000
3.455	9.695	17.539	27.234	-28.766	56.000
9.919	9.839	11.943	21.783	-38.217	60.000
19.207	9.980	4.636	14.616	-45.384	60.000
平均值					
0.152	9.602	19.557	29.159	-26.784	55.943
0.614	9.625	-0.405	9.221	-36.779	46.000
0.910	9.640	0.981	10.621	-35.379	46.000
3.455	9.695	8.990	18.685	-27.315	46.000
9.919	9.839	7.842	17.682	-32.318	50.000
19.207	9.980	0.940	10.920	-39.080	50.000

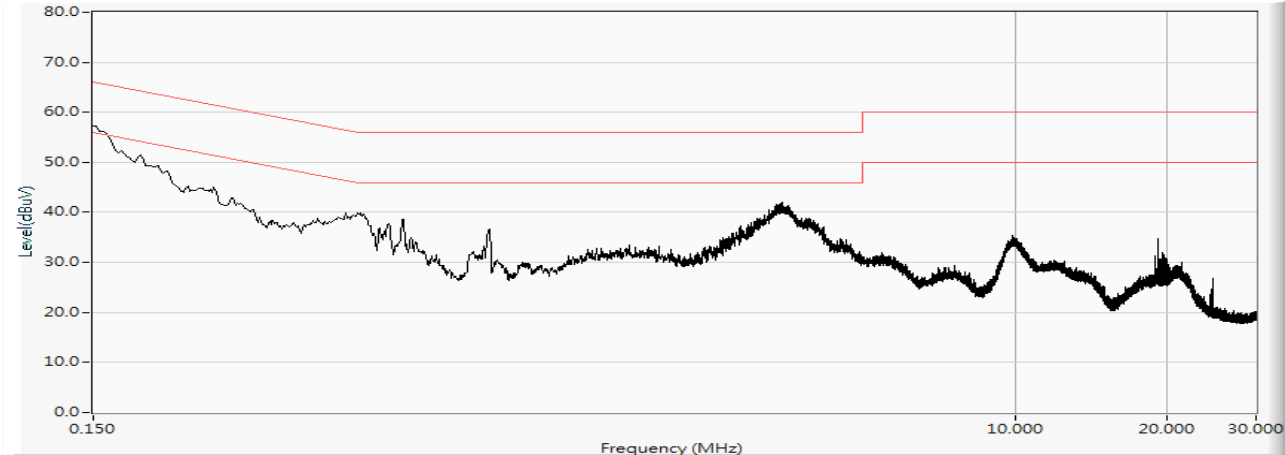
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 4: SISO A: 接收器 802.11ax-160BW

測試頻道: CH 114 (5570MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
LINE 1					
準尖峰值					
0.150	9.611	35.810	45.421	-20.579	66.000
0.447	9.626	22.101	31.727	-25.787	57.514
0.861	9.640	4.560	14.200	-41.800	56.000
3.532	9.705	21.793	31.498	-24.502	56.000
9.812	9.839	19.004	28.843	-31.157	60.000
24.576	10.010	11.174	21.184	-38.816	60.000
平均值					
0.150	9.611	20.265	29.876	-26.124	56.000
0.447	9.626	13.436	23.062	-24.452	47.514
0.861	9.640	-0.402	9.238	-36.762	46.000
3.532	9.705	9.955	19.660	-26.340	46.000
9.812	9.839	14.546	24.385	-25.615	50.000
24.576	10.010	10.321	20.331	-29.669	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 4: SISO A: 接收器 802.11ax-160BW

測試頻道：CH 114 (5570MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

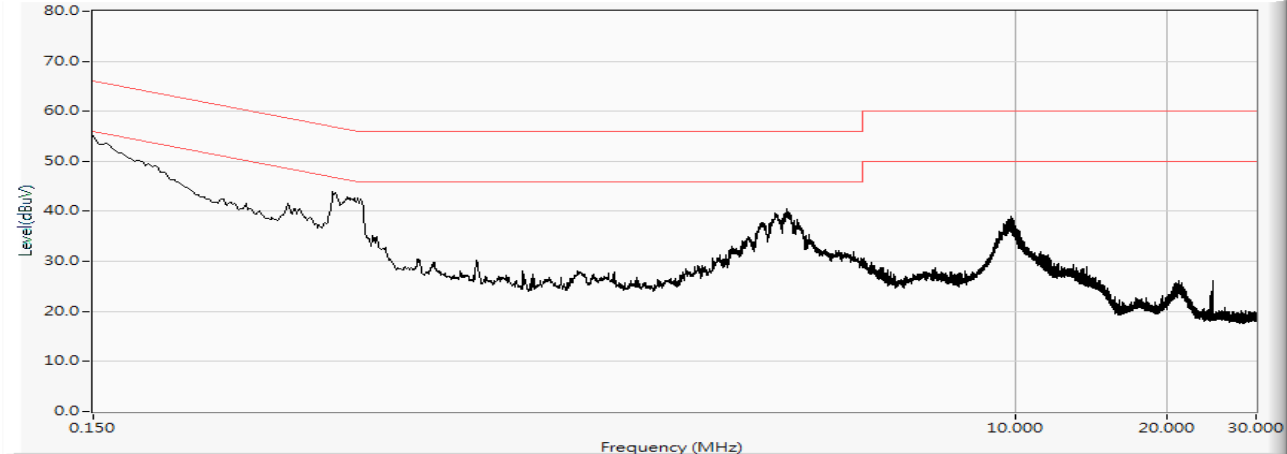
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 2					
準尖峰值					
0.152	9.602	36.066	45.667	-20.276	65.943
0.485	9.620	23.274	32.894	-23.535	56.429
1.468	9.650	13.439	23.089	-32.911	56.000
3.372	9.694	21.286	30.980	-25.020	56.000
9.778	9.839	11.586	21.425	-38.575	60.000
24.576	10.050	12.152	22.202	-37.798	60.000
平均值					
0.152	9.602	19.975	29.577	-26.366	55.943
0.485	9.620	17.744	27.364	-19.065	46.429
1.468	9.650	7.657	17.307	-28.693	46.000
3.372	9.694	10.990	20.684	-25.316	46.000
9.778	9.839	7.527	17.366	-32.634	50.000
24.576	10.050	11.349	21.399	-28.601	50.000

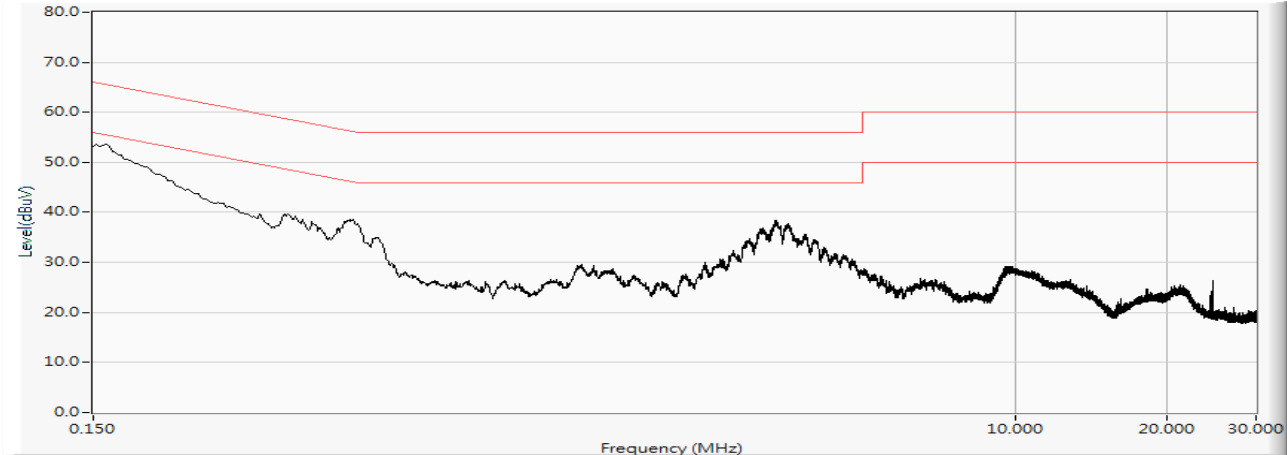
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 5: SISO B: 接收器 802.11ax-160BW

測試頻道: CH 50 (5250MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBμV	dBμV	dB	dBμV
LINE 1					
準尖峰值					
0.152	9.611	37.050	46.661	-19.282	65.943
0.487	9.629	28.975	38.604	-17.767	56.371
1.376	9.650	12.614	22.264	-33.736	56.000
3.514	9.702	20.901	30.603	-25.397	56.000
9.670	9.838	19.108	28.946	-31.054	60.000
24.576	10.010	11.665	21.675	-38.325	60.000
平均值					
0.152	9.611	20.308	29.919	-26.024	55.943
0.487	9.629	19.205	28.834	-17.537	46.371
1.376	9.650	6.894	16.544	-29.456	46.000
3.514	9.702	9.815	19.516	-26.484	46.000
9.670	9.838	14.653	24.491	-25.509	50.000
24.576	10.010	11.227	21.237	-28.763	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. $\text{Measurement Level} = \text{Reading Level} + \text{Correct Factor}$ 。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 5: SISO B: 接收器 802.11ax-160BW

測試頻道：CH 50 (5250MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

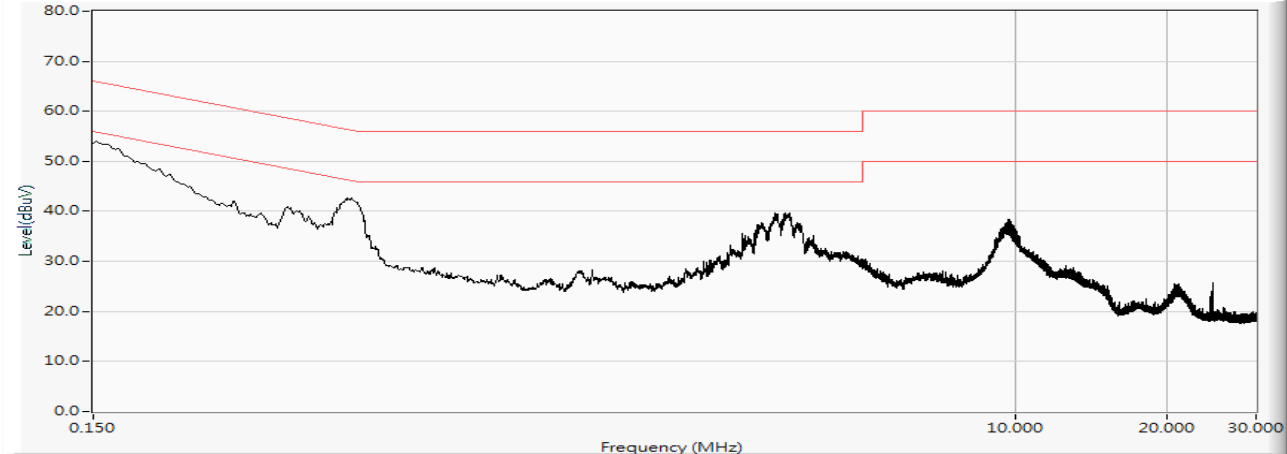
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 2					
準尖峰值					
0.150	9.601	36.314	45.915	-20.085	66.000
0.364	9.616	19.912	29.528	-30.358	59.886
1.381	9.650	14.451	24.101	-31.899	56.000
3.394	9.694	20.911	30.605	-25.395	56.000
9.859	9.839	11.996	21.835	-38.165	60.000
24.576	10.050	12.156	22.206	-37.794	60.000
平均值					
0.150	9.601	20.116	29.717	-26.283	56.000
0.364	9.616	11.464	21.080	-28.806	49.886
1.381	9.650	8.841	18.491	-27.509	46.000
3.394	9.694	10.917	20.611	-25.389	46.000
9.859	9.839	7.843	17.682	-32.318	50.000
24.576	10.050	11.646	21.696	-28.304	50.000

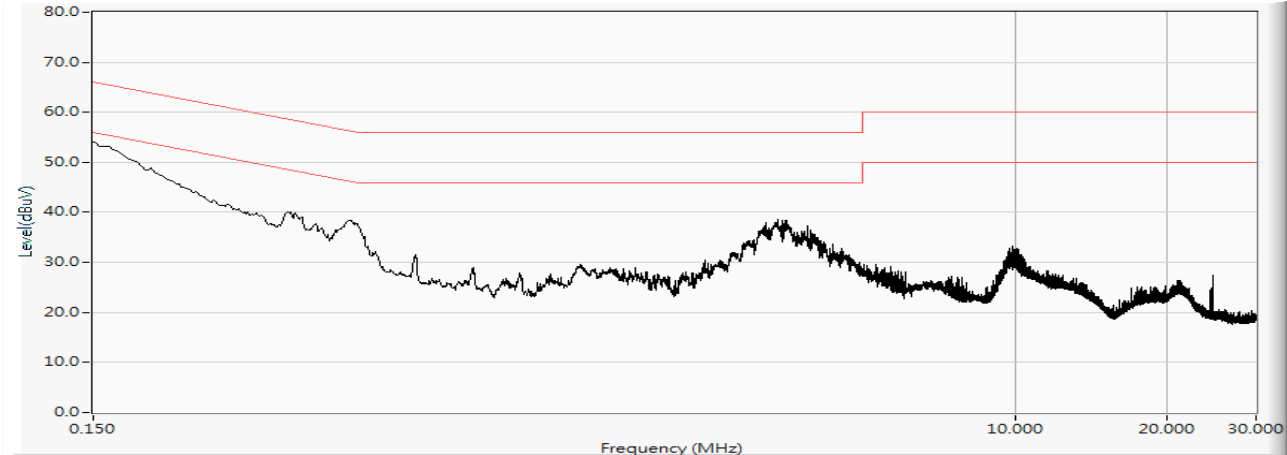
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 5: SISO B: 接收器 802.11ax-160BW

測試頻道: CH 114 (5570MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 1					
準尖峰值					
0.152	9.611	36.362	45.973	-19.970	65.943
0.481	9.628	27.397	37.026	-19.517	56.543
1.450	9.650	9.742	19.392	-36.608	56.000
3.514	9.702	20.857	30.559	-25.441	56.000
9.668	9.838	19.029	28.867	-31.133	60.000
24.576	10.010	11.496	21.506	-38.494	60.000
平均值					
0.152	9.611	20.341	29.952	-25.991	55.943
0.481	9.628	18.362	27.991	-18.552	46.543
1.450	9.650	4.511	14.161	-31.839	46.000
3.514	9.702	9.381	19.083	-26.917	46.000
9.668	9.838	14.513	24.351	-25.649	50.000
24.576	10.010	10.964	20.974	-29.026	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 5: SISO B: 接收器 802.11ax-160BW

測試頻道：CH 114 (5570MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

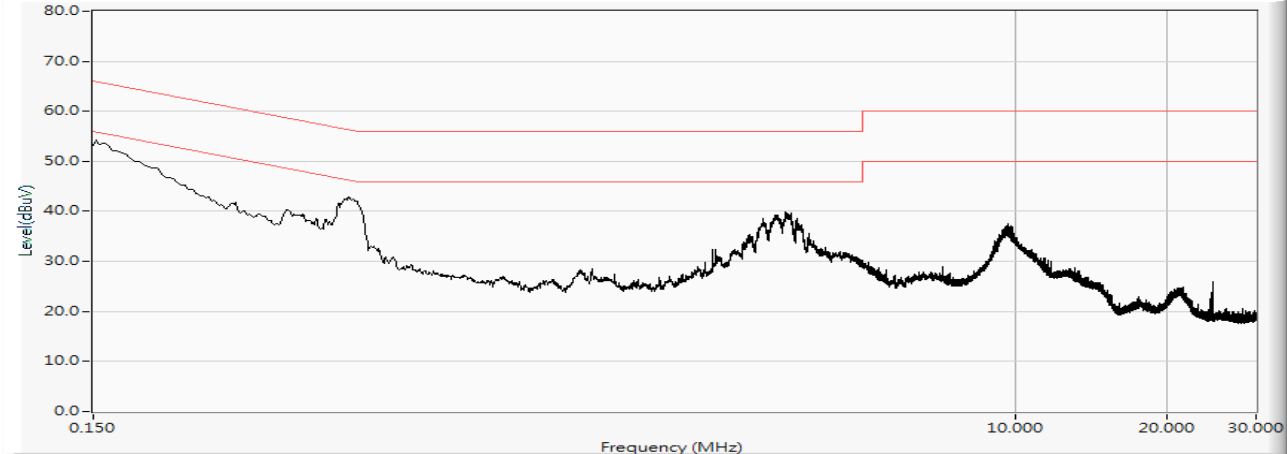
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 2					
準尖峰值					
0.195	9.609	29.522	39.130	-25.584	64.714
0.233	9.611	26.782	36.394	-27.235	63.629
0.337	9.615	22.526	32.141	-28.516	60.657
1.291	9.650	8.841	18.491	-37.509	56.000
3.354	9.694	20.442	30.135	-25.865	56.000
9.730	9.838	11.498	21.336	-38.664	60.000
平均值					
0.195	9.609	16.807	26.416	-28.298	54.714
0.233	9.611	14.277	23.889	-29.740	53.629
0.337	9.615	13.962	23.577	-27.080	50.657
1.291	9.650	4.797	14.447	-31.553	46.000
3.354	9.694	9.712	19.405	-26.595	46.000
9.730	9.838	7.387	17.225	-32.775	50.000

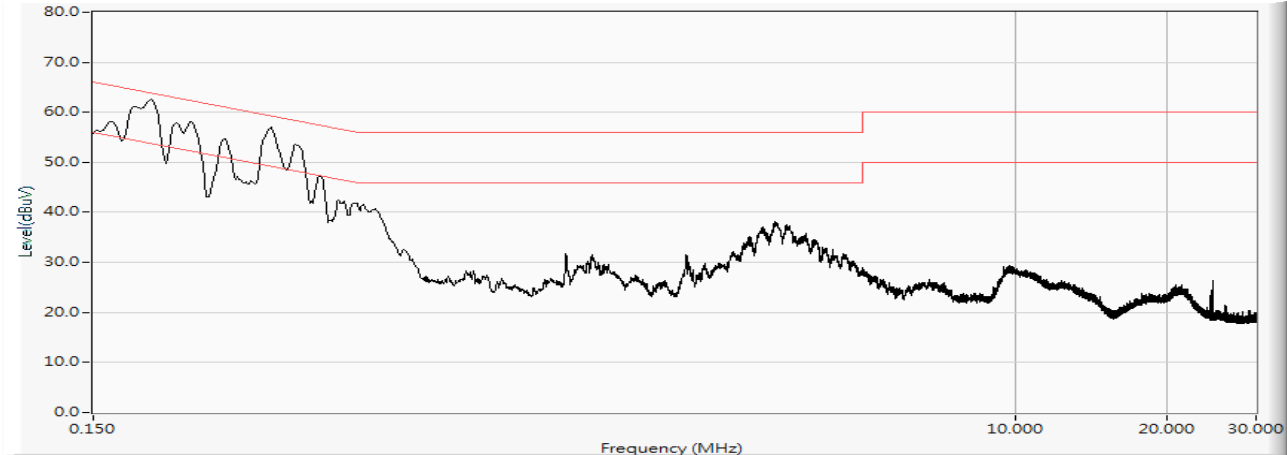
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 6: MIMO: 接收器 802.11ax-160BW

測試頻道: CH 50 (5250MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBμV	dBμV	dB	dBμV
LINE 1					
準尖峰值					
0.152	9.611	40.311	49.922	-16.021	65.943
0.359	9.620	25.613	35.234	-24.795	60.029
1.286	9.650	7.530	17.180	-38.820	56.000
3.530	9.705	21.876	31.581	-24.419	56.000
9.845	9.839	18.534	28.373	-31.627	60.000
24.576	10.010	8.979	18.989	-41.011	60.000
平均值					
0.152	9.611	22.615	32.226	-23.717	55.943
0.359	9.620	16.667	26.288	-23.741	50.029
1.286	9.650	1.530	11.180	-34.820	46.000
3.530	9.705	9.575	19.280	-26.720	46.000
9.845	9.839	14.358	24.197	-25.803	50.000
24.576	10.010	8.189	18.199	-31.801	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 6: MIMO: 接收器 802.11ax-160BW

測試頻道：CH 50 (5250MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

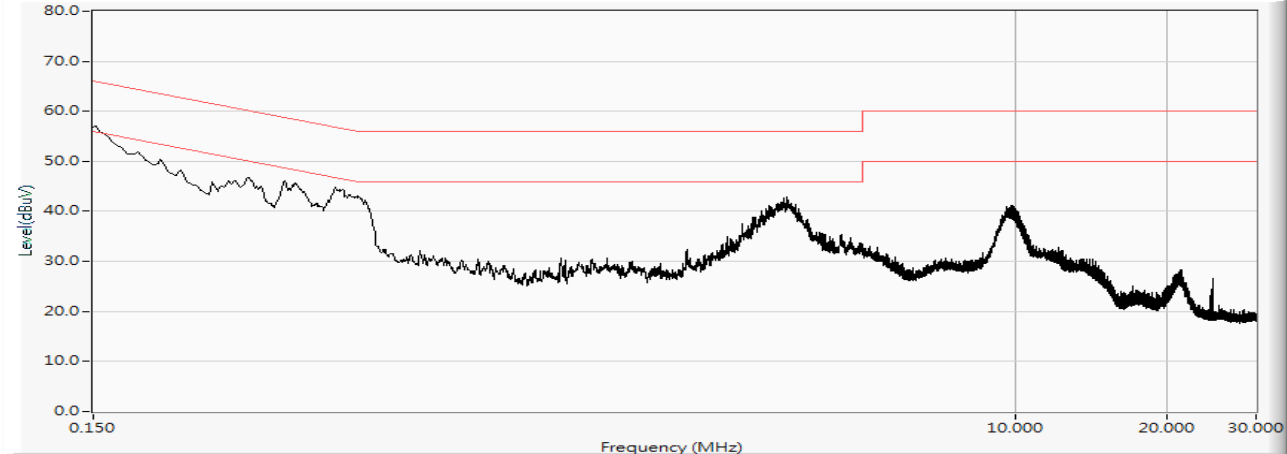
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBμV	dBμV	dB	dBμV
LINE 2					
準尖峰值					
0.152	9.602	41.689	51.290	-14.653	65.943
0.382	9.616	27.582	37.198	-22.173	59.371
0.906	9.640	7.570	17.210	-38.790	56.000
3.372	9.694	21.412	31.106	-24.894	56.000
9.479	9.827	9.616	19.443	-40.557	60.000
24.576	10.050	10.247	20.297	-39.703	60.000
平均值					
0.152	9.602	22.501	32.102	-23.841	55.943
0.382	9.616	17.015	26.631	-22.740	49.371
0.906	9.640	1.375	11.015	-34.985	46.000
3.372	9.694	11.090	20.784	-25.216	46.000
9.479	9.827	5.310	15.136	-34.864	50.000
24.576	10.050	8.744	18.794	-31.206	50.000

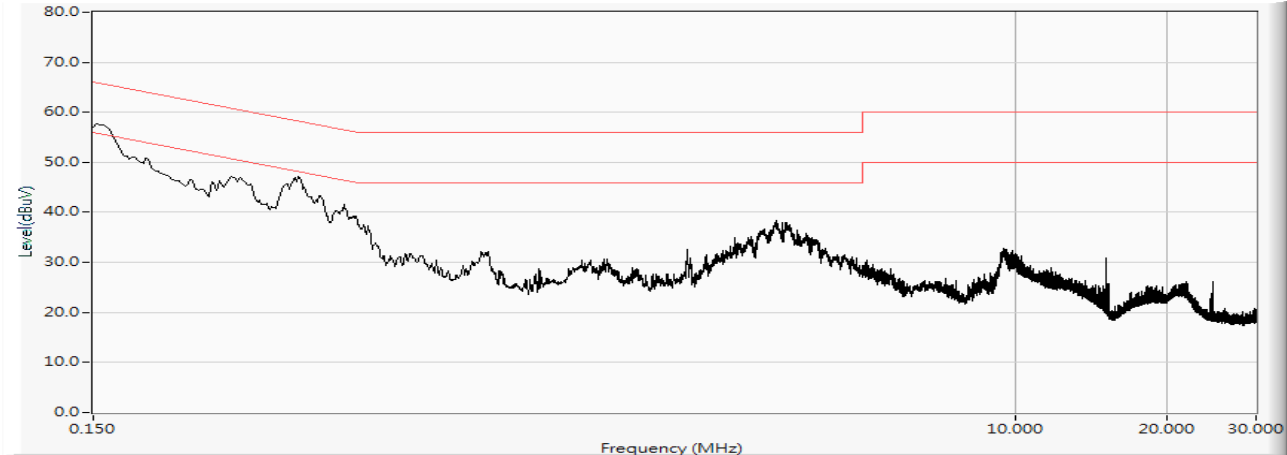
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



待測物名稱: Intel® Wi-Fi 6 AX201

待測物型號: AX201D2W

測試模式: Mode 6: MIMO: 接收器 802.11ax-160BW

測試頻道: CH 114 (5570MHz)

試驗端點: Line 1

6 dB 頻寬: 10 kHz

視頻頻寬: 10 kHz

檢測器: 準尖峰值 & 平均值

環境溫度: 23 °C

測試日期: 107 年 09 月 27 日

環境濕度: 50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBμV
LINE 1					
準尖峰值					
0.152	9.611	36.479	46.090	-19.853	65.943
0.445	9.626	22.097	31.723	-25.848	57.571
0.971	9.640	9.194	18.834	-37.166	56.000
3.566	9.706	22.565	32.271	-23.729	56.000
9.728	9.838	18.902	28.740	-31.260	60.000
24.576	10.010	10.094	20.104	-39.896	60.000
平均值					
0.152	9.611	20.571	30.182	-25.761	55.943
0.445	9.626	13.260	22.886	-24.685	47.571
0.971	9.640	5.015	14.655	-31.345	46.000
3.566	9.706	10.426	20.131	-25.869	46.000
9.728	9.838	14.745	24.583	-25.417	50.000
24.576	10.010	9.295	19.305	-30.695	50.000

備註:

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試模式：Mode 6: MIMO: 接收器 802.11ax-160BW

測試頻道：CH 114 (5570MHz)

試驗端點：Line 2

6 dB 頻寬：10 kHz

視頻頻寬：10 kHz

檢測器：準尖峰值 & 平均值

環境溫度：23 °C

測試日期：107 年 09 月 27 日

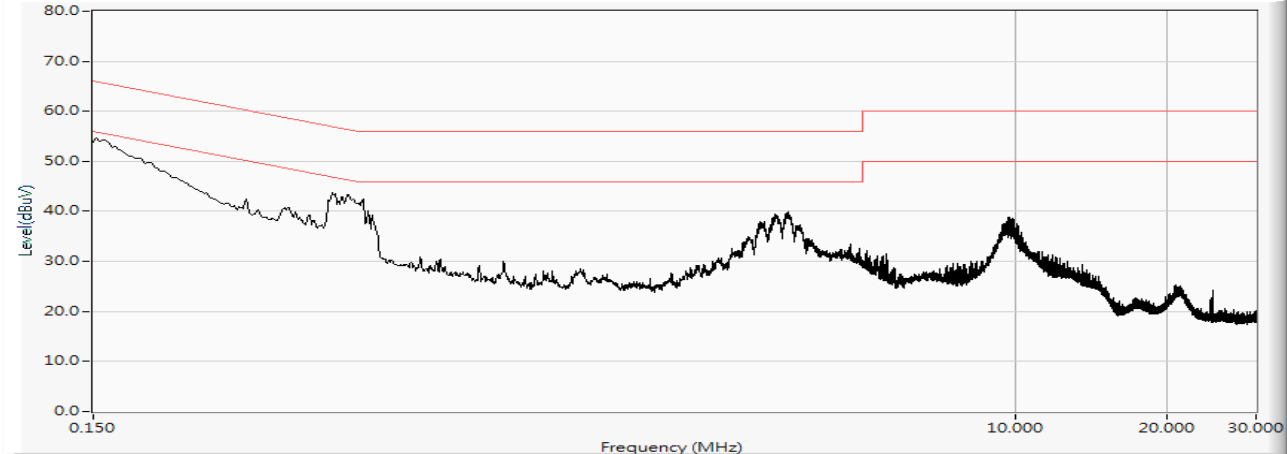
環境濕度：50 %

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBμV	dBμV	dB	dBμV
LINE 2					
準尖峰值					
0.152	9.602	36.265	45.866	-20.077	65.943
0.490	9.620	23.529	33.149	-23.137	56.286
2.441	9.674	9.561	19.235	-36.765	56.000
3.381	9.694	20.833	30.527	-25.473	56.000
9.661	9.838	10.998	20.836	-39.164	60.000
24.576	10.050	10.891	20.941	-39.059	60.000
平均值					
0.152	9.602	19.915	29.517	-26.426	55.943
0.490	9.620	18.110	27.730	-18.556	46.286
2.441	9.674	3.361	13.035	-32.965	46.000
3.381	9.694	10.117	19.811	-26.189	46.000
9.661	9.838	7.340	17.178	-32.822	50.000
24.576	10.050	9.521	19.571	-30.429	50.000

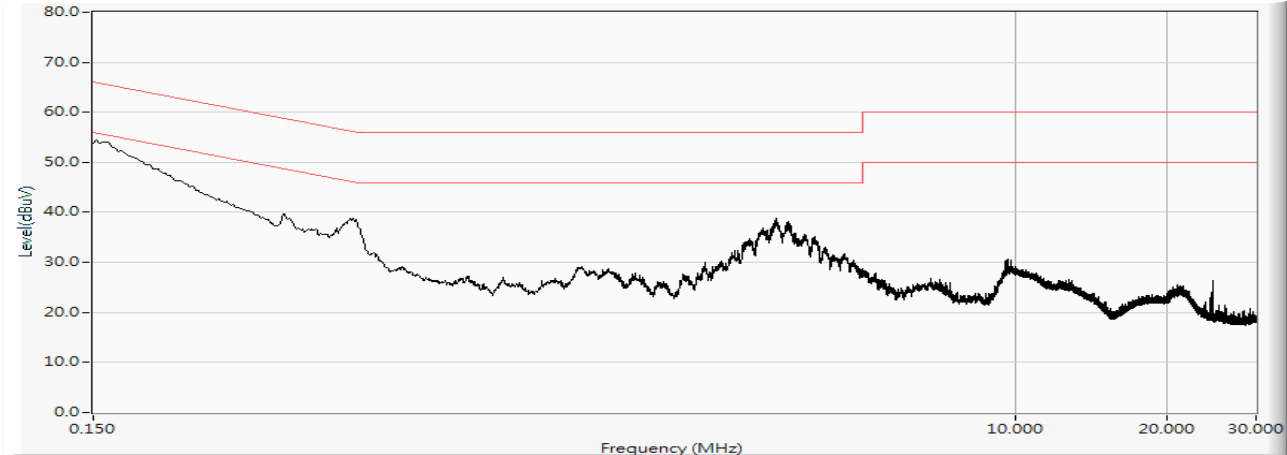
備註：

1. 所有之讀值為準尖峰值及平均值。
2. “ ”意指量測數據中最高量測值。
3. Measurement Level = Reading Level + Correct Factor。
4. 上表以外之頻率，測試值與限度值相比較之下，因其值太低而未列於上表內。

LINE 1



LINE 2



電源端點干擾電壓測試結果:

PASS

4. 天線之要求

4.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 4.7.8 節
天線之規格不受 2.2 規定之限制。

依據國家通訊傳播委員會低功率射頻電機技術規範之第 4.7.3 節

4.7.3.1 使用於 5.15 GHz~5.25 GHz 頻段

(1) 供戶外操作使用:

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

(2) 供室內操作使用:

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

(3) 供固定式點對點操作使用:

(C) 使用超過 23 dBi 方向增益之指向性天線時，應依超過 23 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(D) 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供用戶端裝置(Client Device)操作使用:

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

4.7.3.2 使用頻率於 5.25 GHz~5.35 GHz 與 5.470 GHz~5.725 GHz 頻段

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

4.7.3.3 使用頻率於 5.725 GHz~5.850 GHz 頻段

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

(4) 除(3)外，使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度

4.2. 天線樣式

此 Intel® Wi-Fi 6 AX201 為半固定式 PIFA Antenna (檢附天線規格書)

Antenna List

No.	Manufacturer	Model No.	Antenna Type	Peak Gain
1	SkyCross	N/A (Main) N/A (Aux)	PIFA Antenna	3.64 dBi for 5.15~5.25GHz 3.73 dBi for 5.25~5.35GHz 4.77 dBi for 5.47~5.725GHz 4.97 dBi for 5.725~5.850GHz

天線之要求測試結果:	PASS
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5. 峰值發射功率

5.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 4.7.3 節

4.7.3.1 使用於 5.15 GHz~5.25 GHz 頻段

(1) 供戶外操作使用:

- (A) 最大傳導輸出功率應小於或等於 1 W。
- (B) 在任何 1 MHz 頻帶中最大功率頻譜密度應小於或等於 17 dBm。
- (C) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- (D) 在水平面仰角超過 30 度時，其最大 EIRP 應小於或等於 21 dBm。

(2) 供室內操作使用:

- (A) 最大傳導輸出功率應小於或等於 1 W。
- (B) 在任何 1 MHz 頻帶中最大功率頻譜密度應小於或等於 17 dBm。
- (C) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(3) 供固定式點對點操作使用:

- (A) 最大傳導輸出功率應小於或等於 1 W。
- (B) 在任何 1 MHz 頻帶中最大功率頻譜密度應小於或等於 17 dBm。
- (C) 使用超過 23 dBi 方向增益之指向性天線時，應依超過 23 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- (D) 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供用戶端裝置(Client Device)操作使用:

- (A) 最大傳導輸出功率應小於或等於 250 mW。
- (B) 在任何 1 MHz 頻帶中最大功率頻譜密度應小於或等於 11 dBm。
- (C) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

4.7.3.2 使用頻率於 5.25 GHz~5.35 GHz 與 5.470 GHz~5.725 GHz 頻段

- (1) 最大傳導輸出功率應小於或等於 250 mW 或 $11\text{dBm} + 10\log B$ (B 是 26 dB 發射頻寬，單位 MHz)之較小者。
- (2) 最大功率頻譜密度在任何 1 MHz 頻帶中應小於或等於 11 dBm。
- (3) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

4.7.3.3 使用頻率於 5.725 GHz~5.850 GHz 頻段

- (1) 最大傳導輸出功率應小於或等於 1 W。
- (2) 在任何 500 kHz 頻帶中最大功率頻譜密度應小於或等於 30 dBm。
- (3) 供固定式點對點操作時，使用方向增益超過 6 dBi 之發射天線，可不需對應減少發射器之傳導輸出功率限制值。
- (4) 除(3)外，使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度

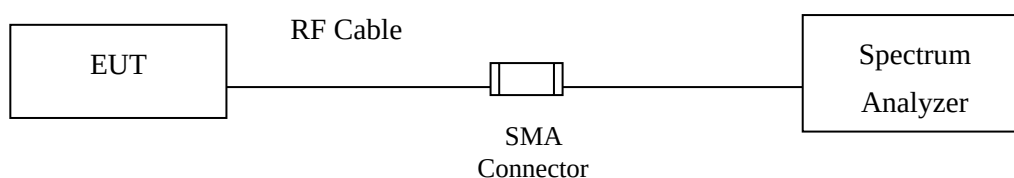
5.2. 量測方法

待測物之天線埠經由適當之衰減直接連至 Power Meter RF 輸入端量測 Maximum conducted (average) output power 時將使用 Power Meter 內建 gate 功能。

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端，峰值發射功率必須使用依據均方根等效電壓校準之儀器量測於任何連續傳輸之時段，量測結果須依儀器限制(如偵測器反應時間、相較於發射頻寬有限之解析頻寬能力，靈敏度等)調整得出正確之峰值量測。

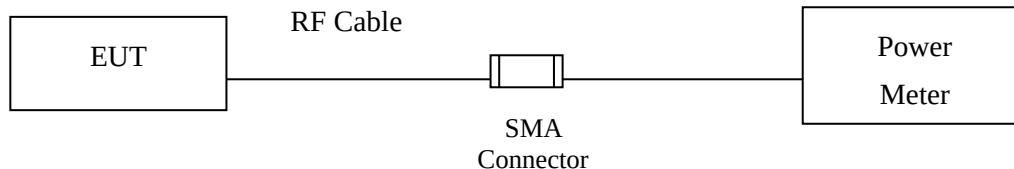
5.3. 測試架構圖

99% Occupied Bandwidth

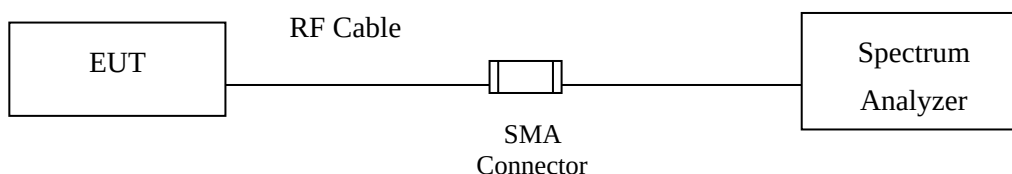


Conduction Power Measurement

Conduction Power Measurement (for 802.11an)



Conduction Power Measurement (for 802.11ac)



5.4. 量測不確定度

此項測試之量測不確定度

採用功率計為 $\pm 0.95\text{dB}$

採用頻譜分析儀 $\pm 1.30\text{dB}$

5.5. 峰值發射功率測試結果

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試頻道：--

檢測器：峰值

測試日期：107年09月25日

測試項目：峰值發射功率

測試模式：Mode 1: SISO A: 發射器 802.11a

環境溫度：21 °C

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		6	9	12	18	24	36	48	54
		Measurement Level (dBm)							
36	5180	18.31	--	--	--	--	--	--	--
44	5220	20.83	20.71	20.66	20.52	20.47	20.39	20.22	20.15
48	5240	20.97	--	--	--	--	--	--	--
52	5260	20.83	--	--	--	--	--	--	--
60	5300	20.93	20.81	20.73	20.64	20.58	20.49	20.33	20.28
64	5320	17.99	--	--	--	--	--	--	--
100	5500	18.39	--	--	--	--	--	--	--
116	5580	20.73	20.66	20.51	20.48	20.37	20.24	20.16	20.09
140	5700	17.34	--	--	--	--	--	--	--
149	5745	20.93	--	--	--	--	--	--	--
157	5785	20.78	20.65	20.58	20.47	20.33	20.27	20.16	20.08
165	5825	20.73	--	--	--	--	--	--	--

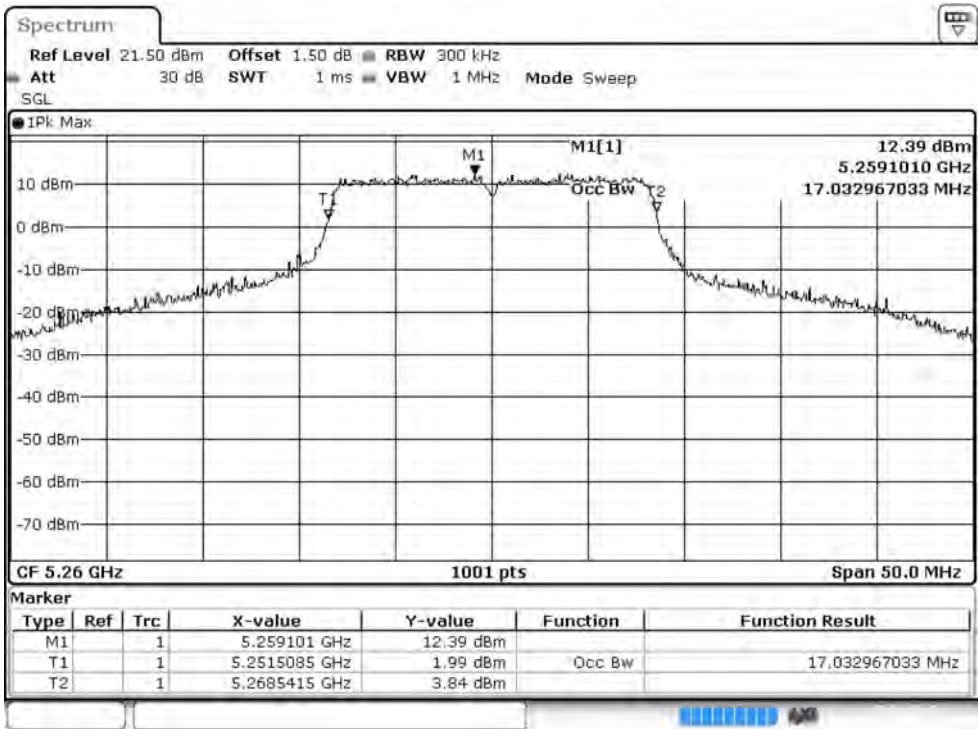
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

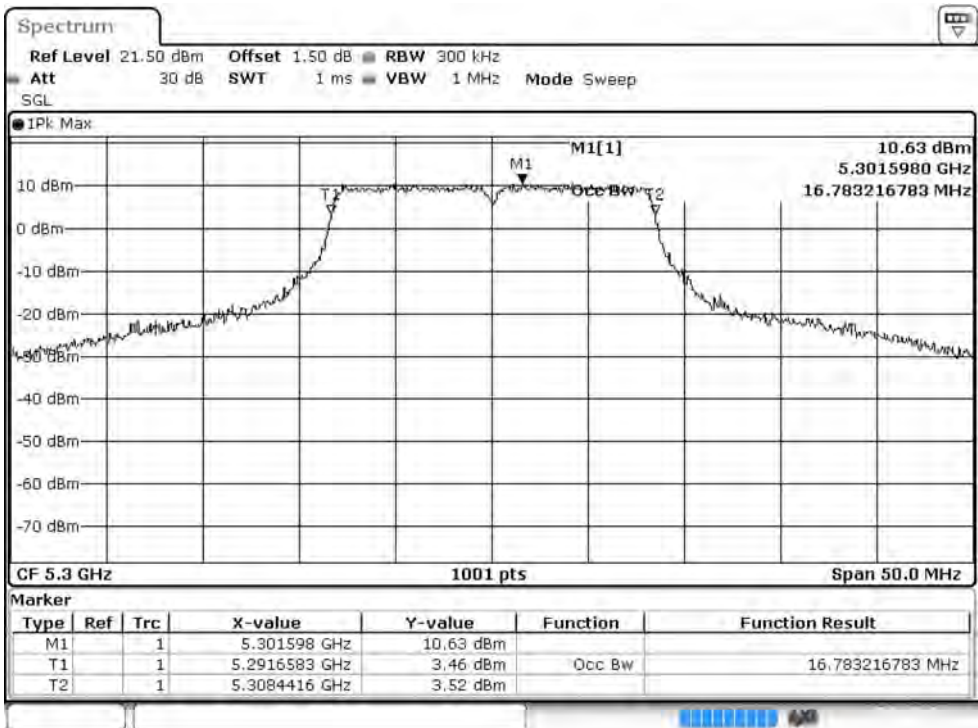
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	18.31	30	--
44	5220	--	20.83	30	--
48	5240	--	20.97	30	--
52	5260	17.033	20.83	24	23.31
60	5300	16.783	20.93	24	23.25
64	5320	16.733	17.99	24	23.24
100	5500	16.783	18.39	24	23.25
116	5580	16.983	20.73	24	23.30
140	5700	16.733	17.34	24	23.24
149	5745	--	20.93	30	--
157	5785	--	20.78	30	--
165	5825	--	20.73	30	--

99% Occupied Bandwidth:

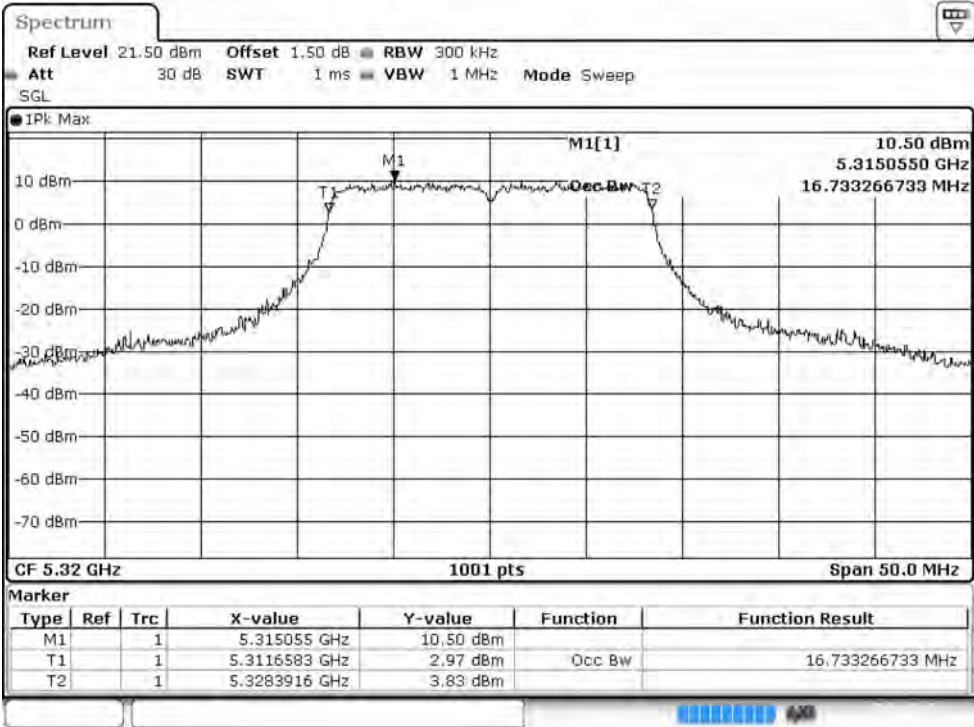
Channel 52



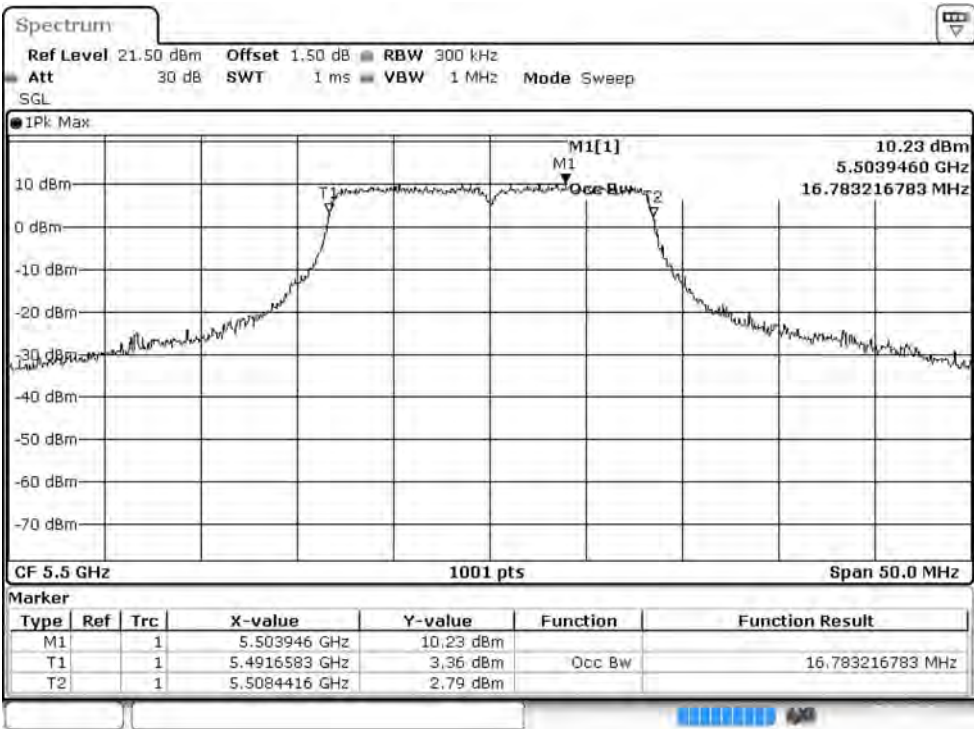
Channel 60



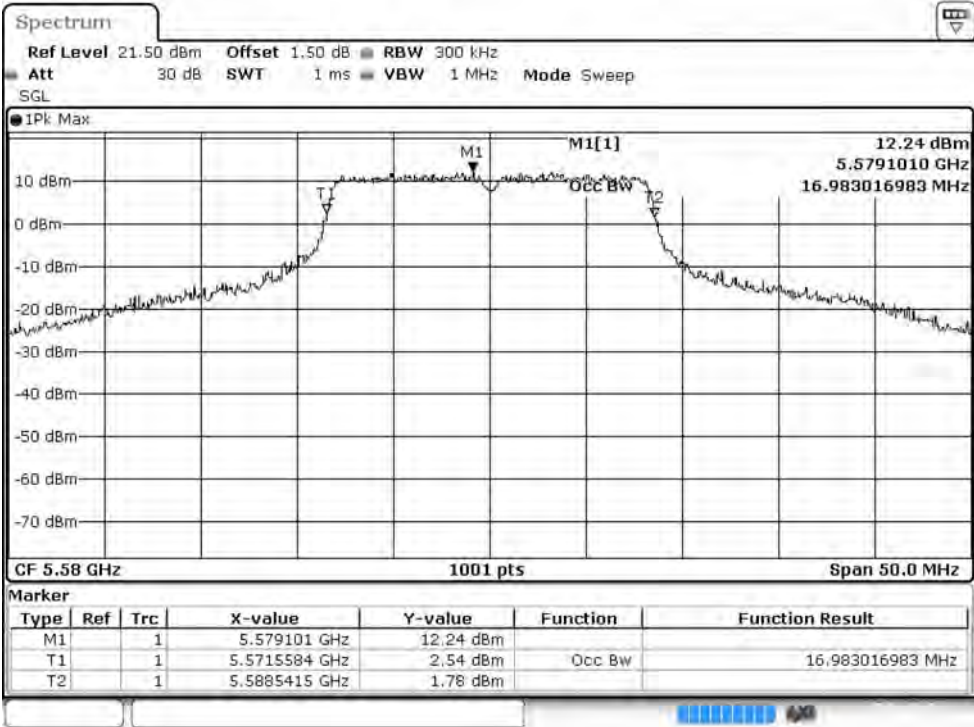
Channel 64



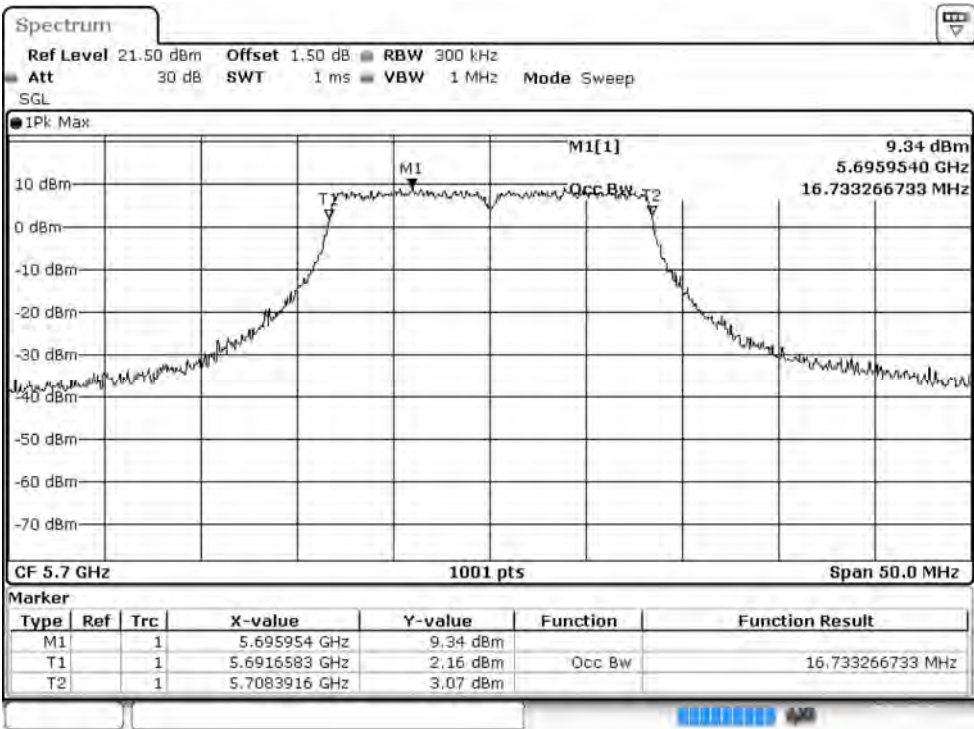
Channel 100



Channel 116



Channel 140



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 1: SISO A: 發射器 802.11n-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：107年09月25日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2
		Measurement Level (dBm)							
36	5180	18.45	--	--	--	--	--	--	--
44	5220	20.93	20.81	20.73	20.67	20.52	20.43	20.34	20.26
48	5240	20.71	--	--	--	--	--	--	--
52	5260	20.80	--	--	--	--	--	--	--
60	5300	20.78	20.65	20.51	20.49	20.37	20.24	20.18	20.05
64	5320	18.13	--	--	--	--	--	--	--
100	5500	18.35	--	--	--	--	--	--	--
116	5580	20.78	20.61	20.57	20.42	20.35	20.28	20.14	20.08
140	5700	17.35	--	--	--	--	--	--	--
144(U-NII-2C)	5720	19.85	19.74	19.68	19.55	19.44	19.31	19.29	19.11
144(U-NII-3)	5720	14.21	14.11	14.07	13.93	13.87	13.74	13.66	13.52
149	5745	20.82	--	--	--	--	--	--	--
157	5785	20.75	20.64	20.53	20.49	20.33	20.21	20.16	20.05
165	5825	20.99	--	--	--	--	--	--	--

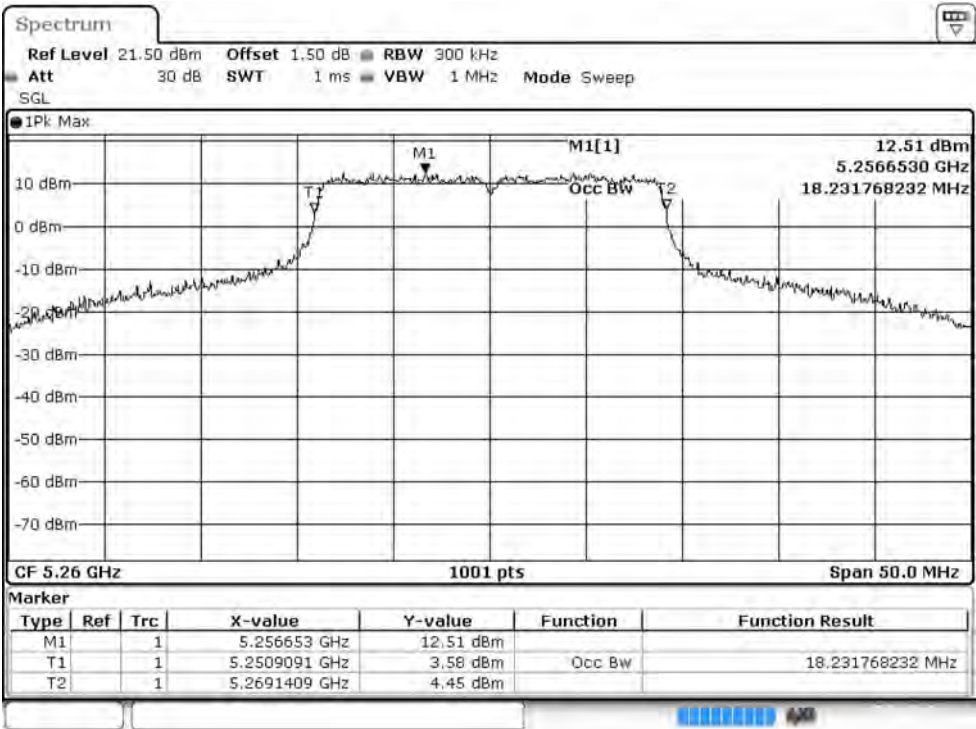
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

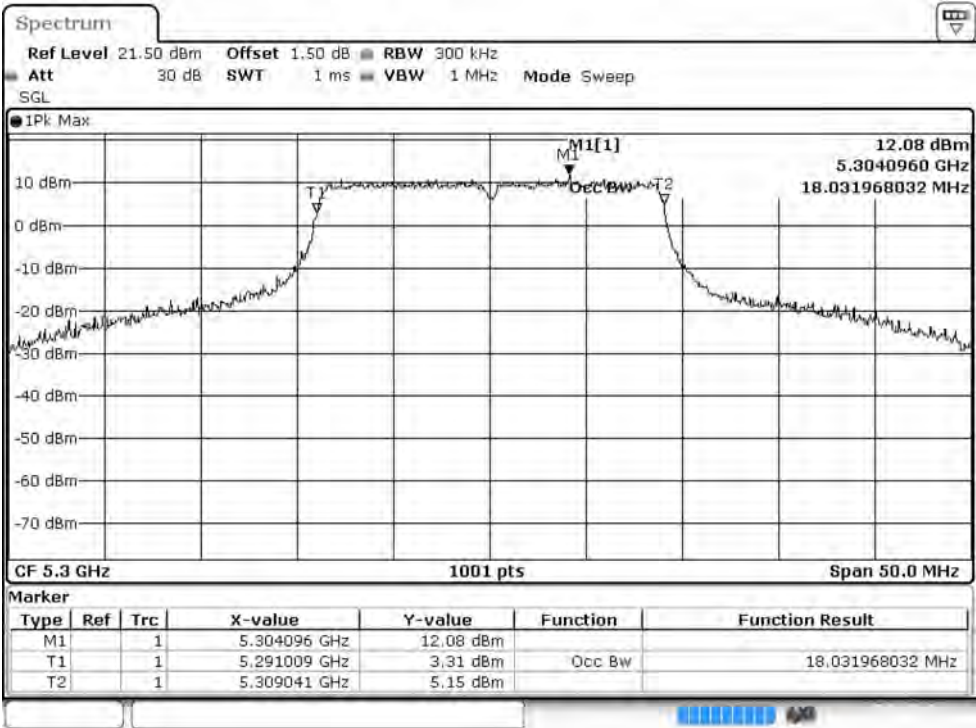
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	18.45	30	--
44	5220	--	20.93	30	--
48	5240	--	20.71	30	--
52	5260	18.232	20.8	24	23.61
60	5300	18.032	20.78	24	23.56
64	5320	17.982	18.13	24	23.55
100	5500	17.982	18.35	24	23.55
116	5580	18.282	20.78	24	23.62
140	5700	17.932	17.35	24	23.54
144(U-NII-2C)	5720	15.040	19.85	24	22.77
144(U-NII-3)	5720	--	14.21	30	--
149	5745	--	20.82	30	--
157	5785	--	20.75	30	--
165	5825	--	20.99	30	--

99% Occupied Bandwidth:

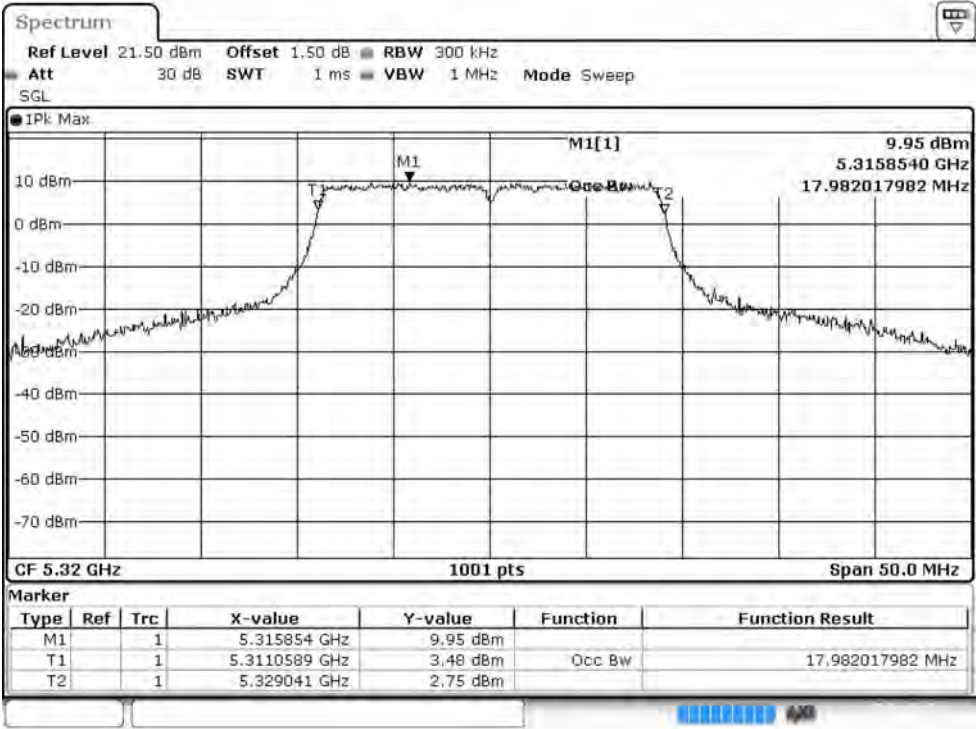
Channel 52



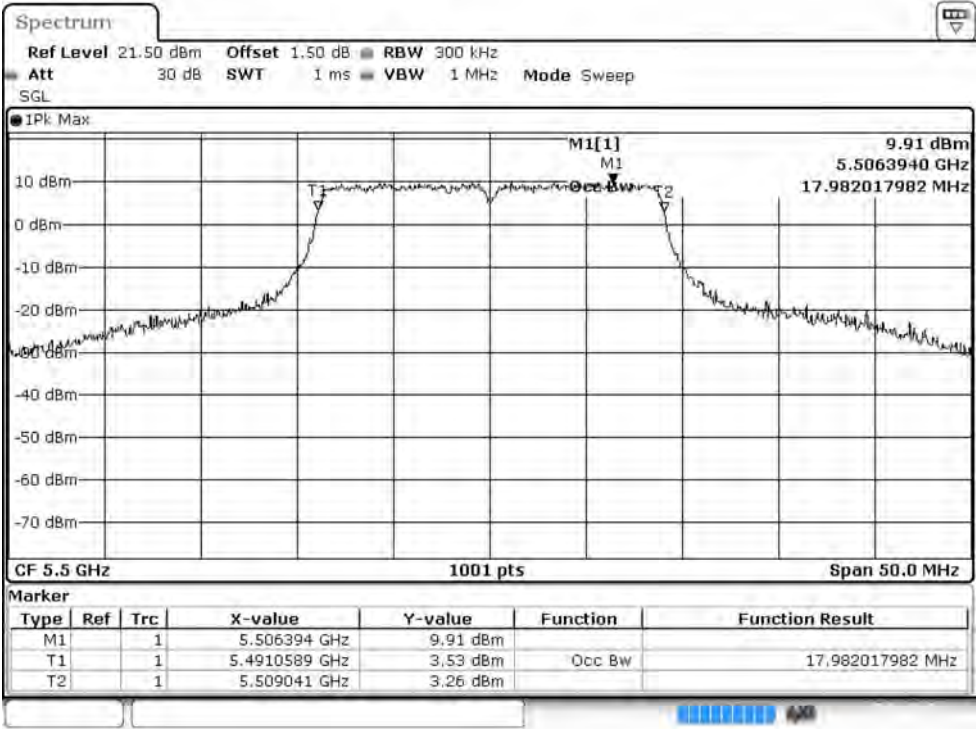
Channel 60



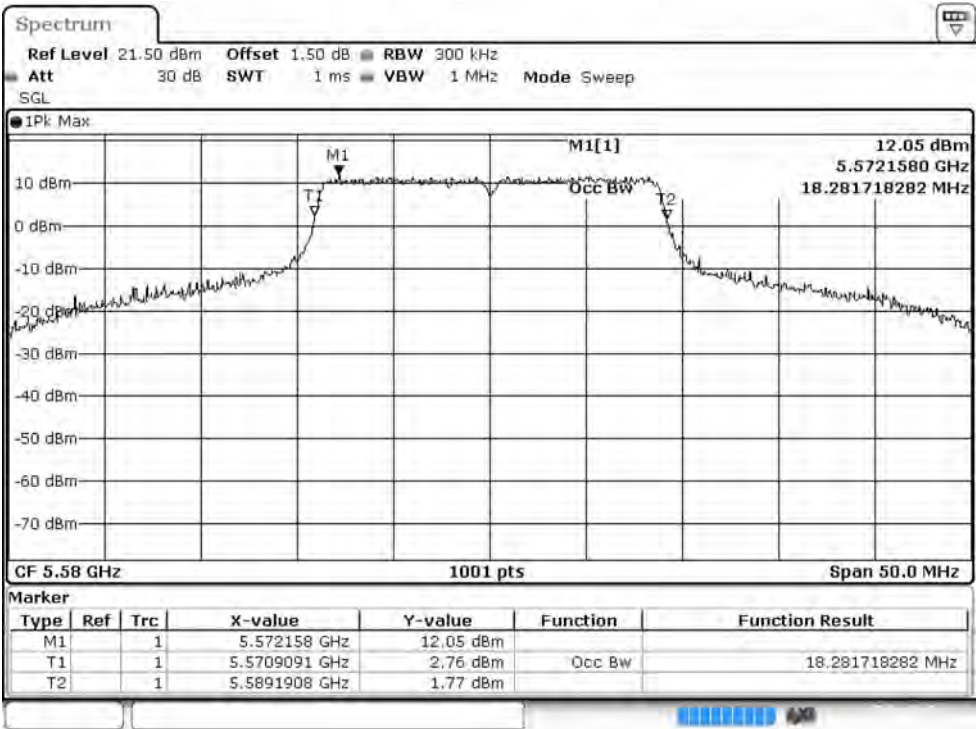
Channel 64



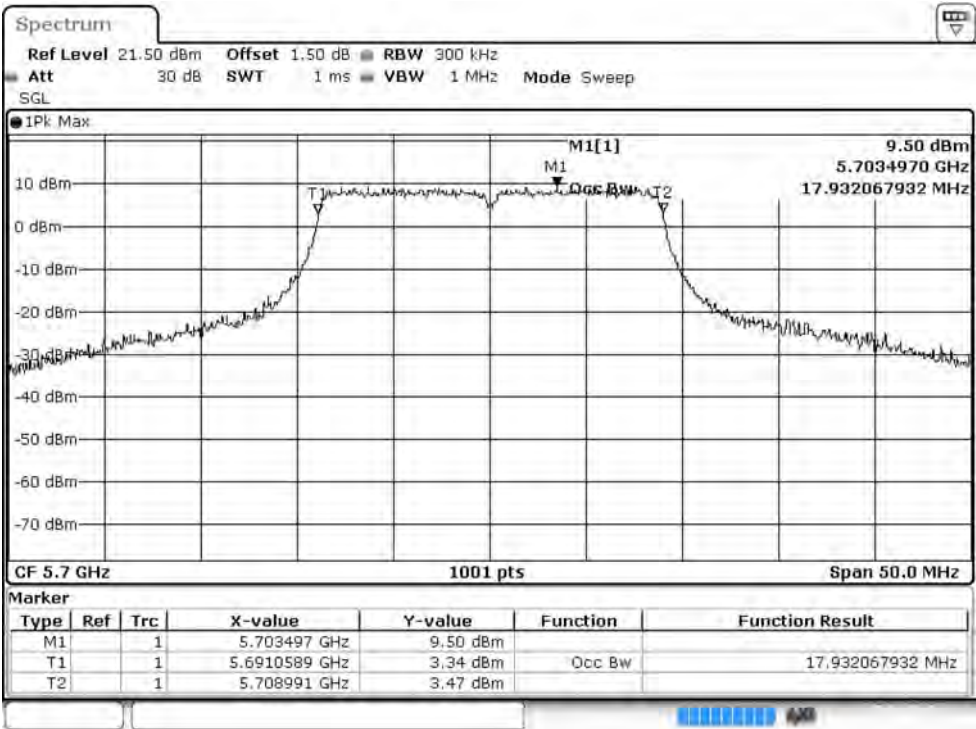
Channel 100



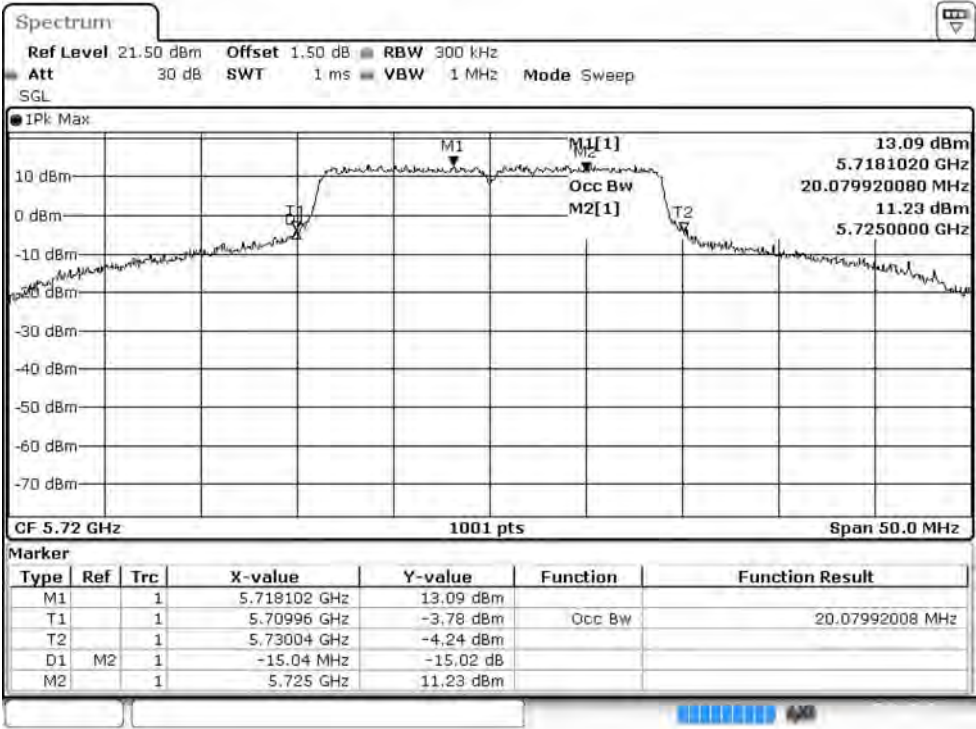
Channel 116



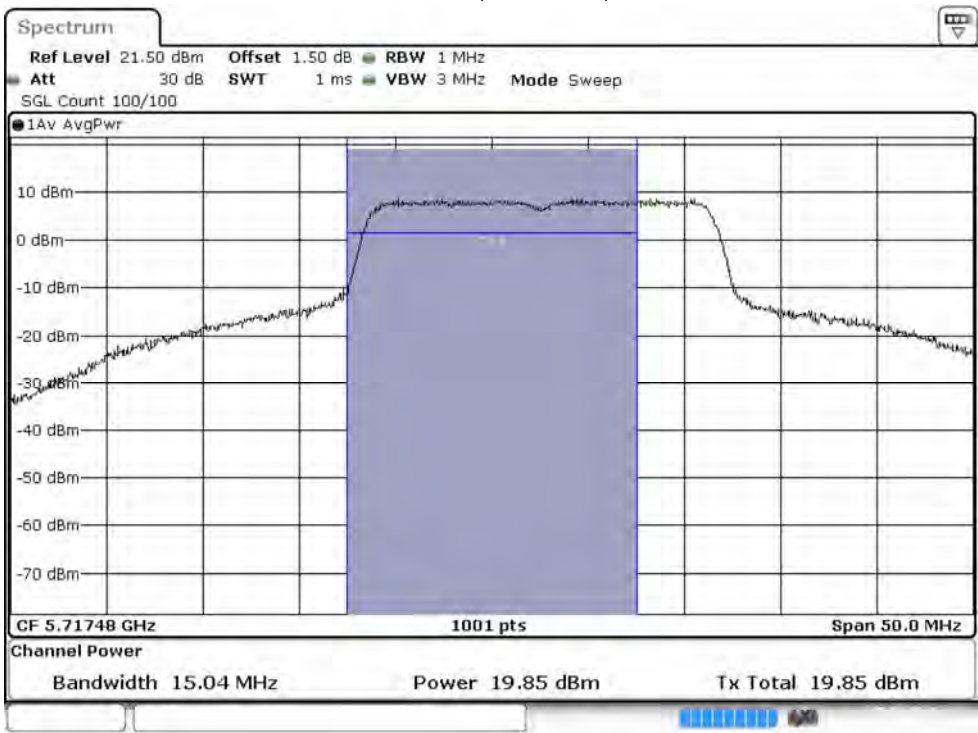
Channel 140



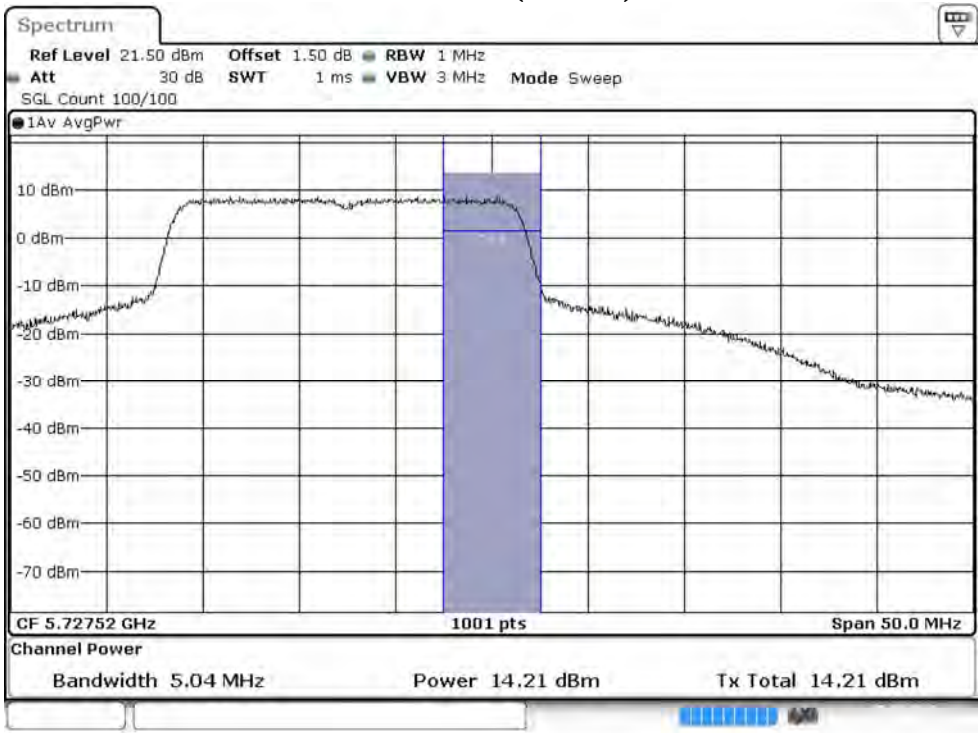
Channel 144



Maximum conducted output power:
Channel 144 (U-NII-2C)



Maximum conducted output power:
Channel 144 (U-NII-3)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 1: SISO A: 發射器 802.11n-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		15	30	45	60	90	120	135	150
		Measurement Level (dBm)							
38	5190	18.21	--	--	--	--	--	--	--
46	5230	20.93	20.88	20.75	20.63	20.54	20.43	20.37	20.29
54	5270	20.76	--	--	--	--	--	--	--
62	5310	17.49	17.33	17.25	17.16	17.08	16.94	16.85	16.73
102	5510	17.46	--	--	--	--	--	--	--
110	5550	20.84	20.72	20.64	20.55	20.43	20.37	20.29	20.16
134	5670	19.87	--	--	--	--	--	--	--
142(U-NII-2C)	5710	20.46	20.39	20.22	20.18	20.01	19.97	19.83	19.71
142(U-NII-3)	5710	11.45	11.36	11.26	11.15	11.07	10.97	10.86	10.74
151	5755	20.95	--	--	--	--	--	--	--
159	5795	20.83	20.77	20.61	20.59	20.47	20.38	20.24	20.12

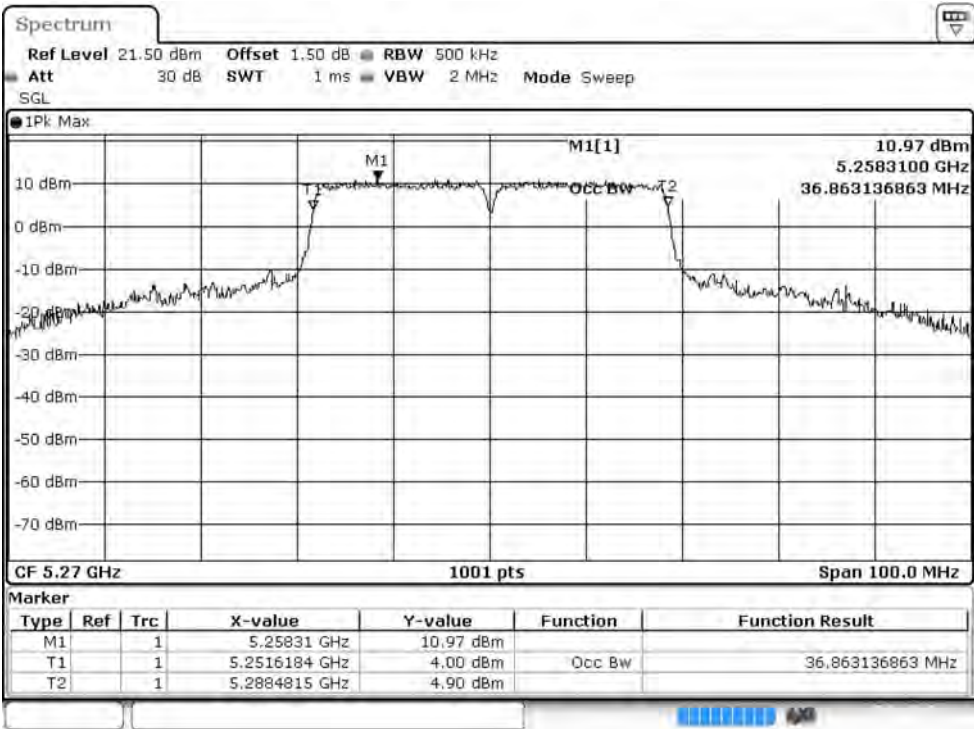
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

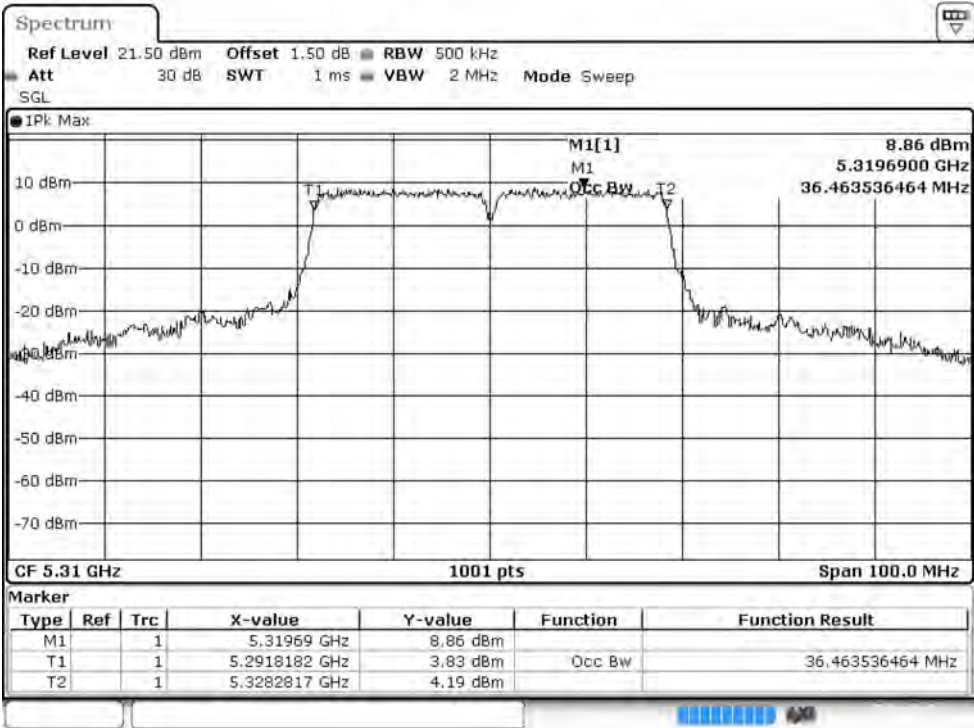
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	18.21	30	--
46	5230	--	20.93	30	--
54	5270	36.863	20.76	24	26.67
62	5310	36.464	17.49	24	26.62
102	5510	36.563	17.46	24	26.63
110	5550	36.663	20.84	24	26.64
134	5670	37.063	19.87	24	26.69
142(U-NII-2C)	5710	33.781	20.46	24	26.29
142(U-NII-3)	5710	--	11.45	30	--
151	5755	--	20.95	30	--
159	5795	--	20.83	30	--

99% Occupied Bandwidth:

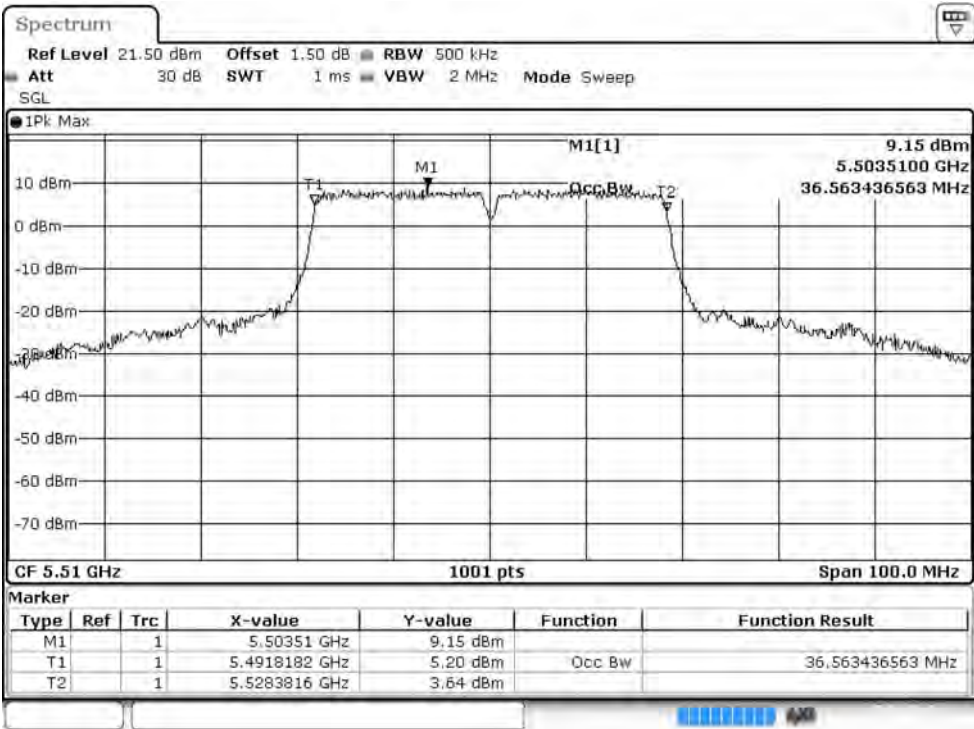
Channel 54



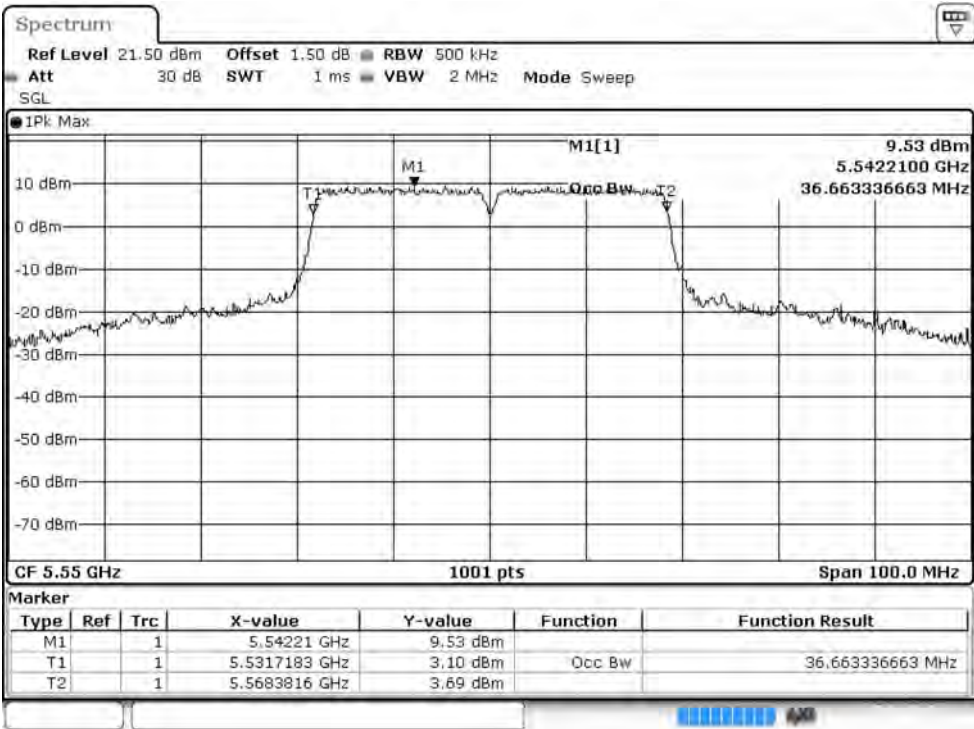
Channel 62



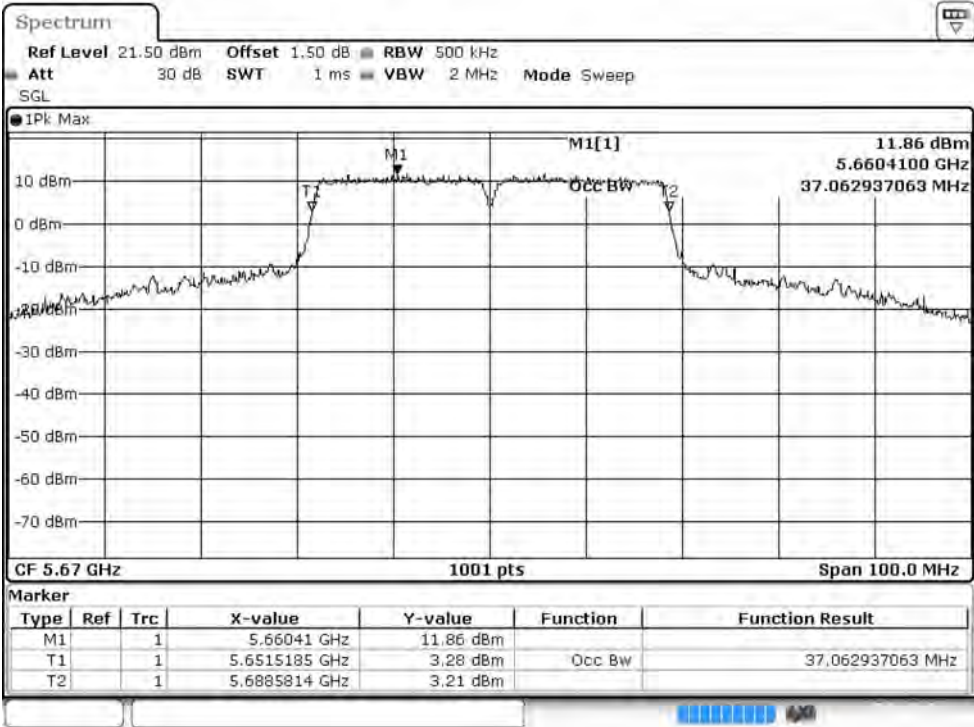
Channel 102



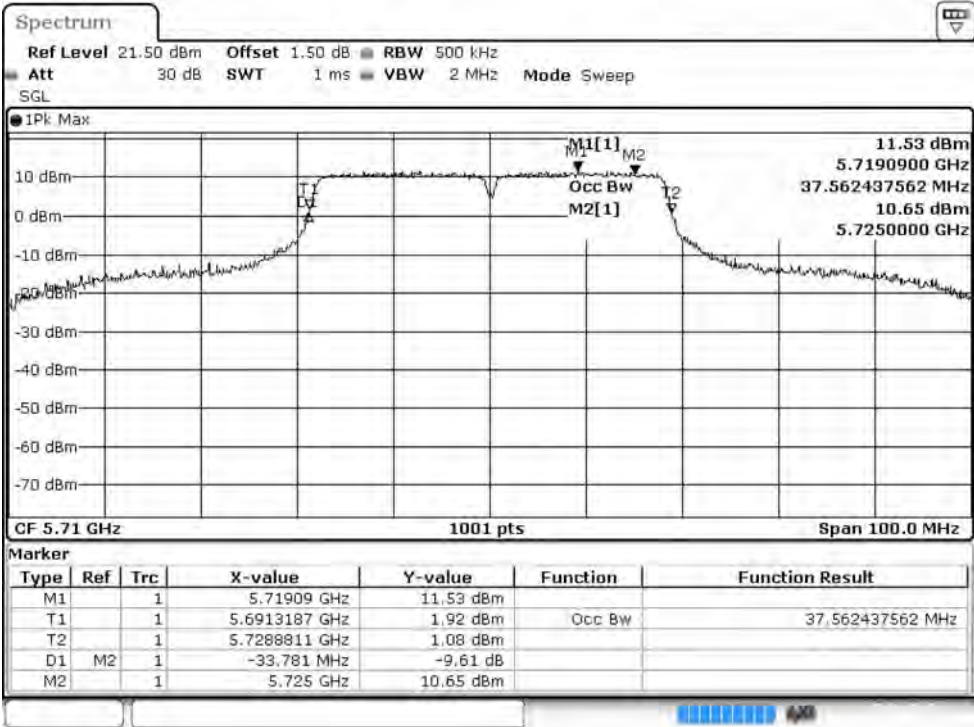
Channel 110



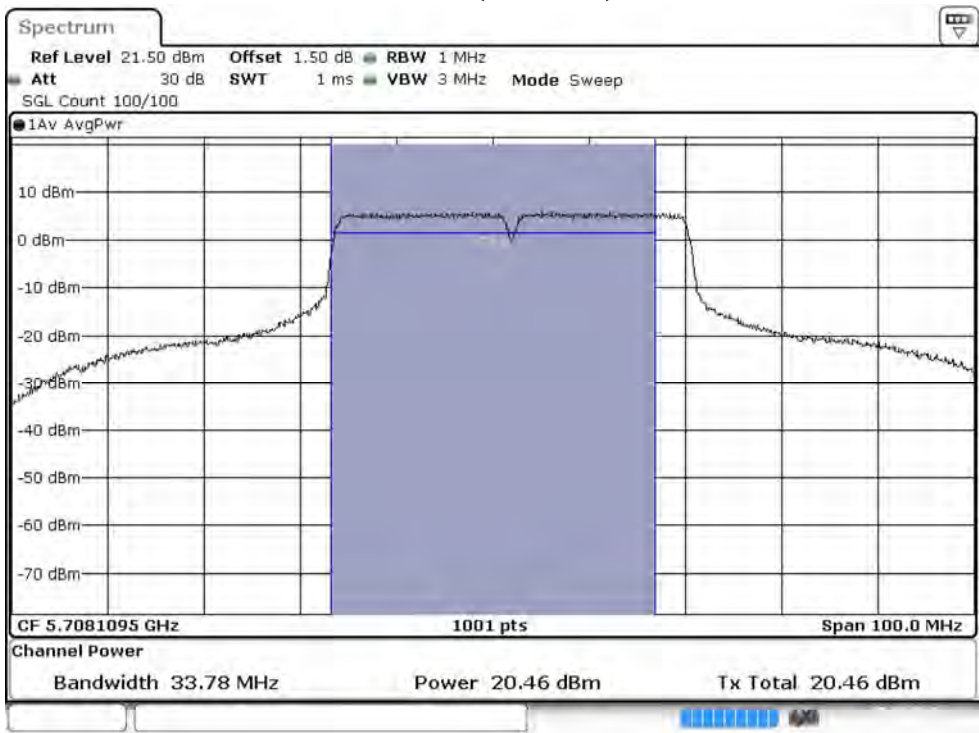
Channel 134



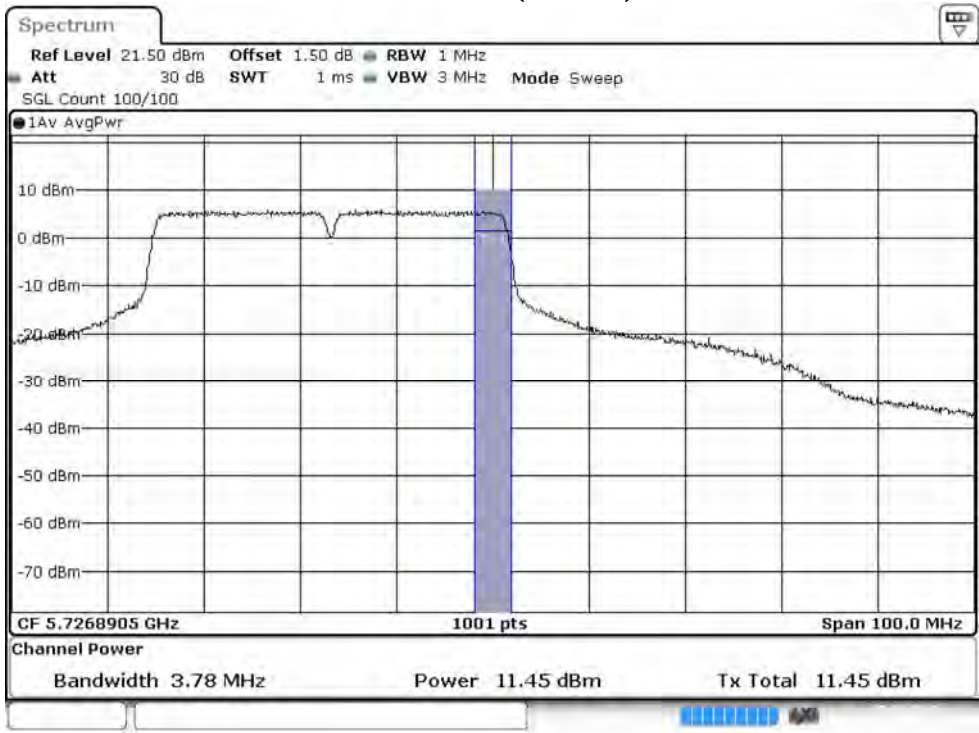
Channel 142



Maximum conducted output power:
Channel 142 (U-NII-2C)



Maximum conducted output power:
Channel 142 (U-NII-3)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 1: SISO A: 發射器 802.11ac-80BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		32.5	65	97.5	130	195	260	292.5	325	390	433.3
42	5210	17.97	17.81	17.76	17.63	17.58	17.41	17.39	17.26	17.18	17.02
58	5290	17.04	16.98	16.83	16.71	16.66	16.52	16.48	16.37	16.22	16.11
106	5530	18.37	--	--	--	--	--	--	--	--	--
122	5610	19.94	19.87	19.74	19.82	19.77	19.64	19.55	19.42	19.33	19.28
138 (U-NII-2C)	5690	20.73	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	4.12	--	--	--	--	--	--	--	--	--
155	5775	18.75	18.66	18.52	18.41	18.35	18.26	18.11	18.02	17.97	17.85

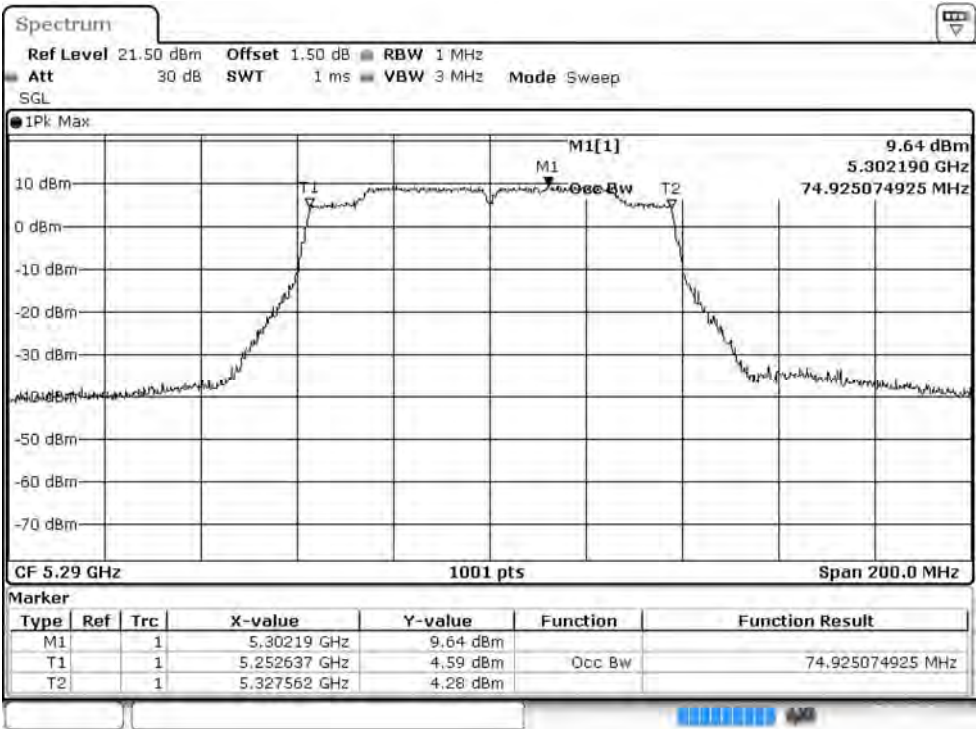
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

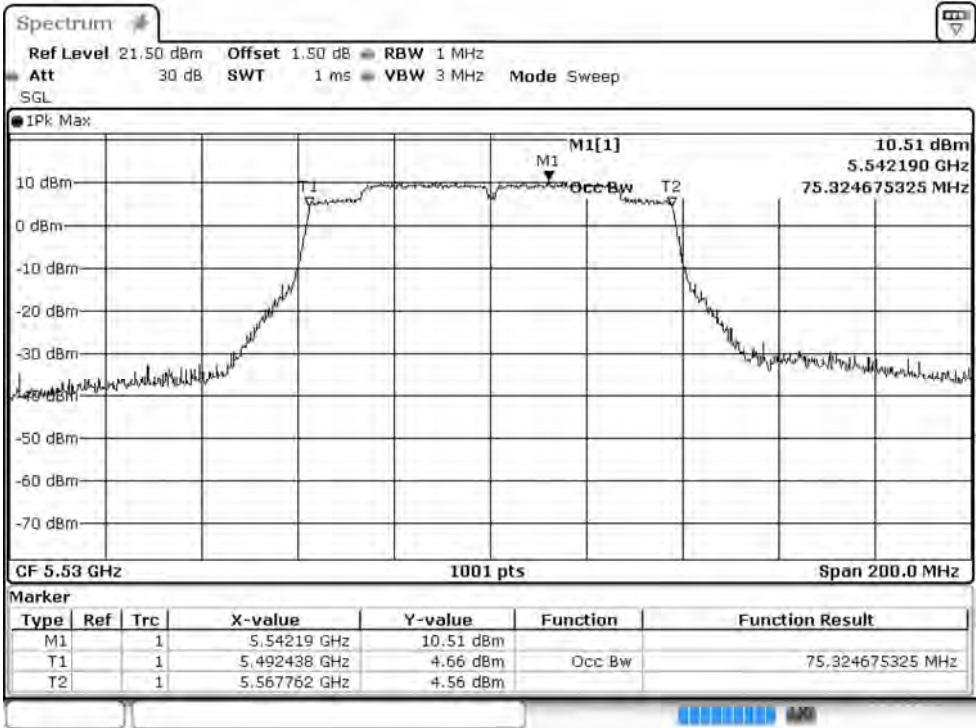
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
42	5210	--	17.97	30	--
58	5290	74.925	17.04	24	29.75
106	5530	75.325	18.37	24	29.77
122	5610	75.724	19.94	24	29.79
138 (U-NII-2C)	5690	72.962	20.73	24	29.63
138 (U-NII-3)	5690	--	4.12	30	--
155	5775	--	18.75	30	--

99% Occupied Bandwidth:

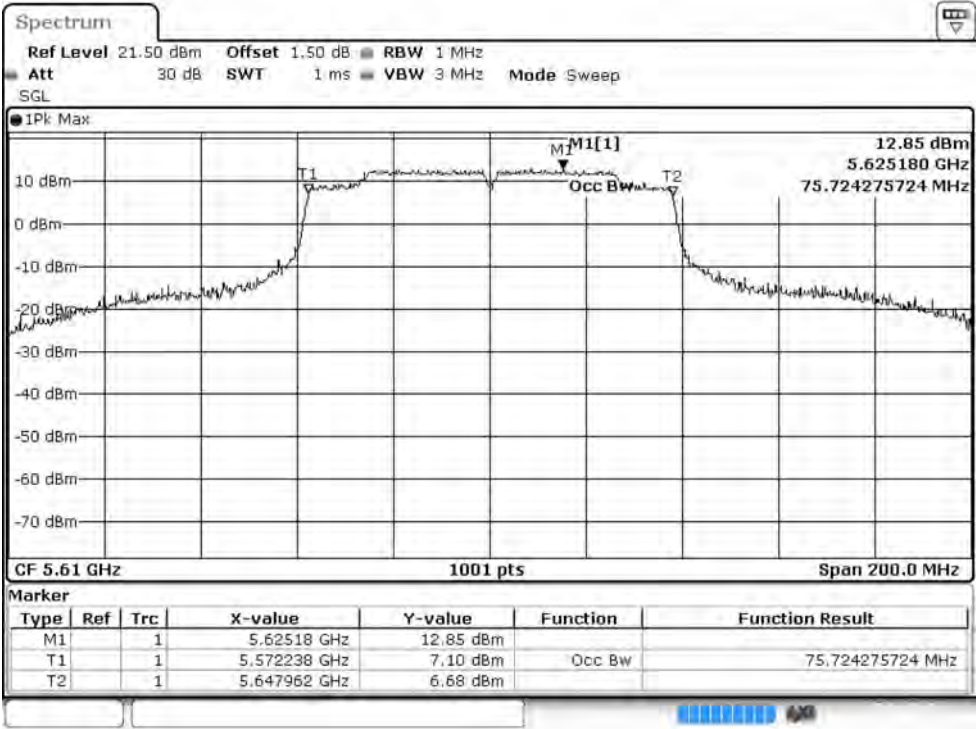
Channel 58



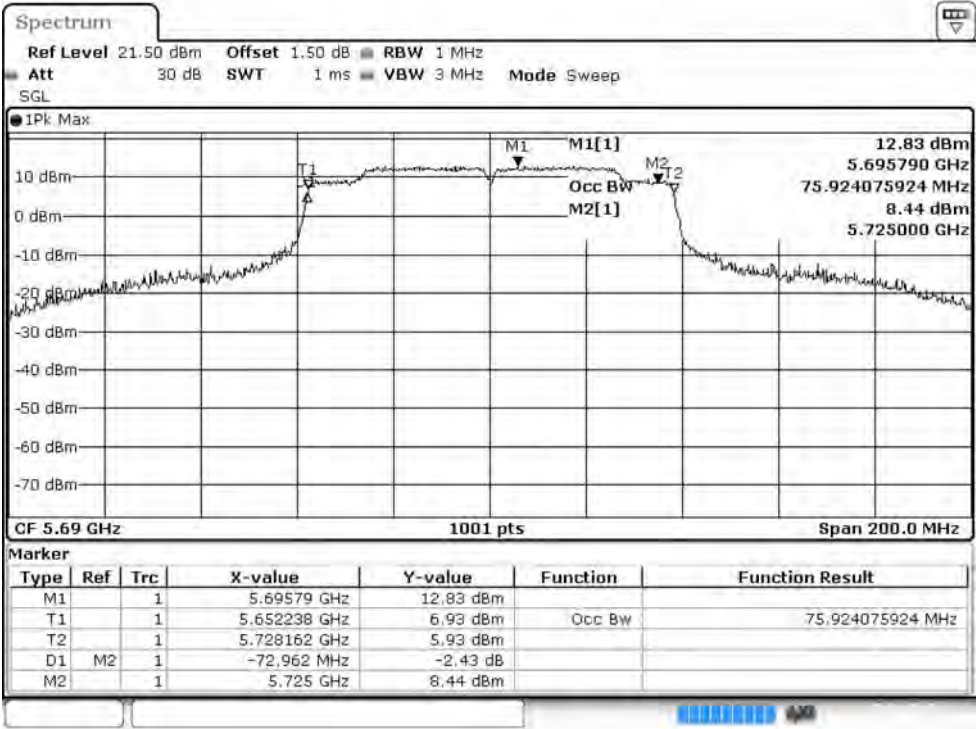
Channel 106



Channel 122

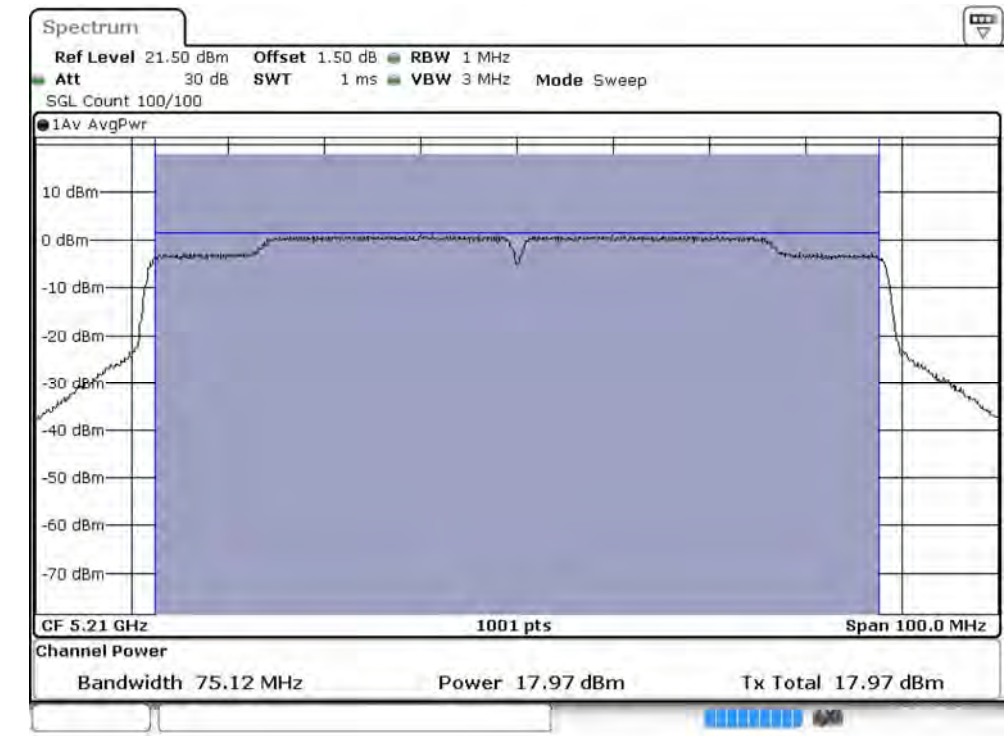


Channel 138



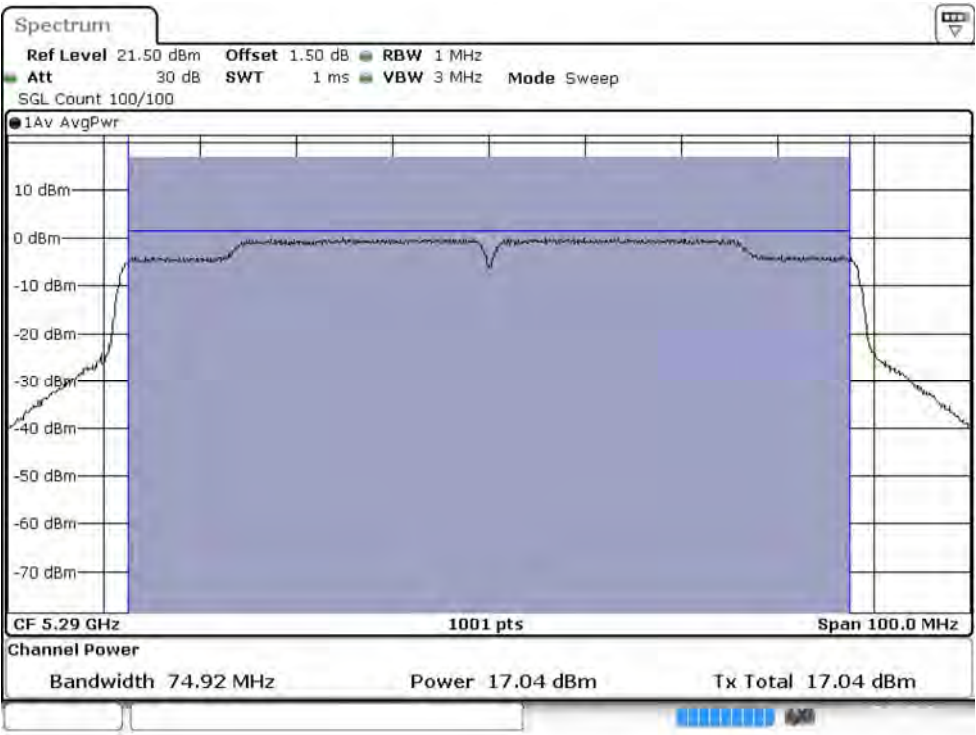
Maximum conducted output power:

Channel 42

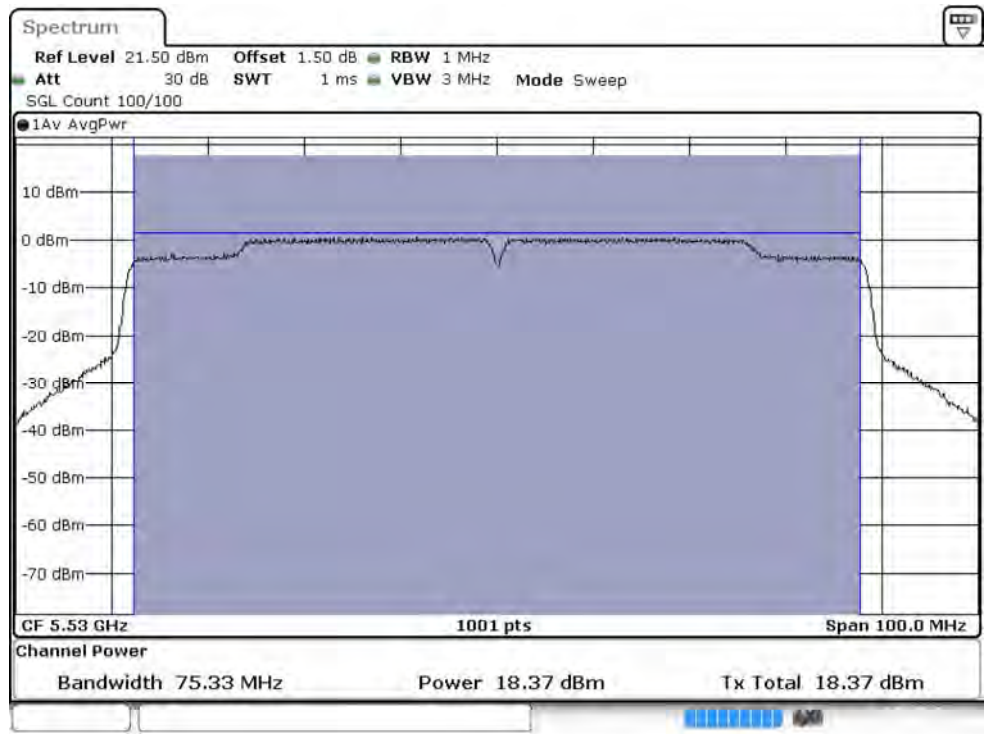


Maximum conducted output power:

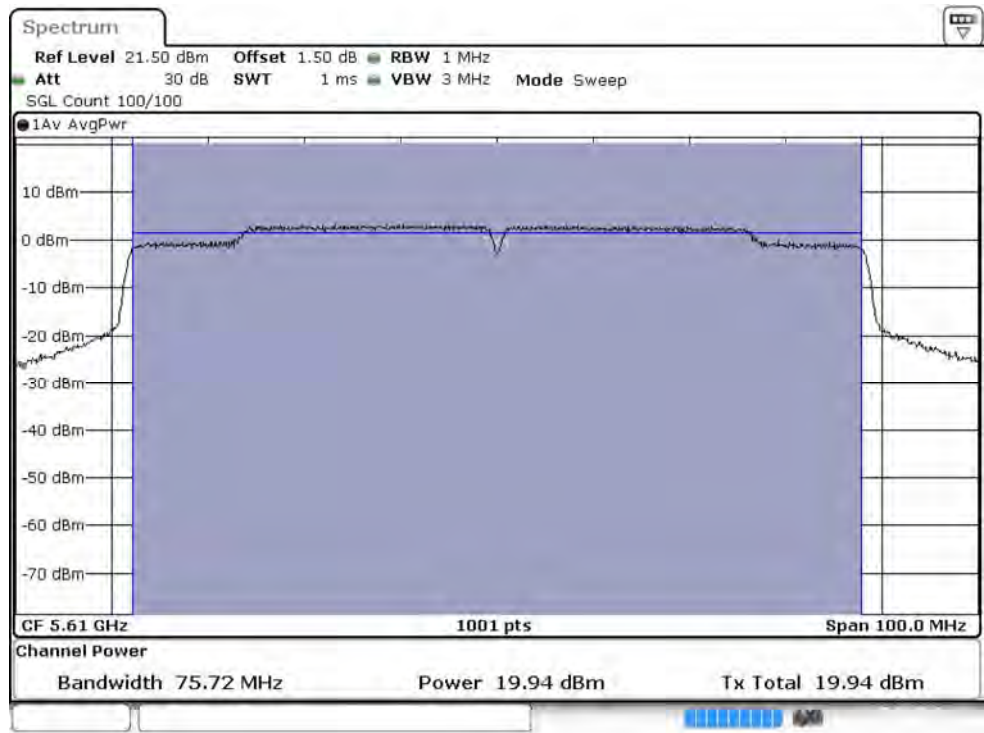
Channel 58



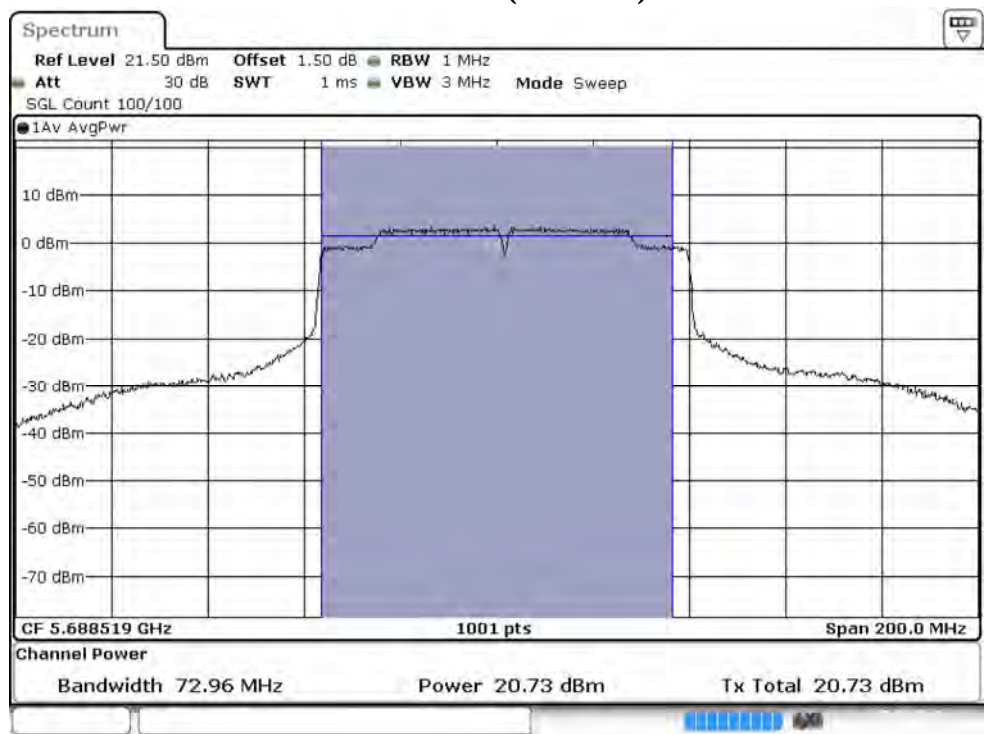
Maximum conducted output power:
Channel 106



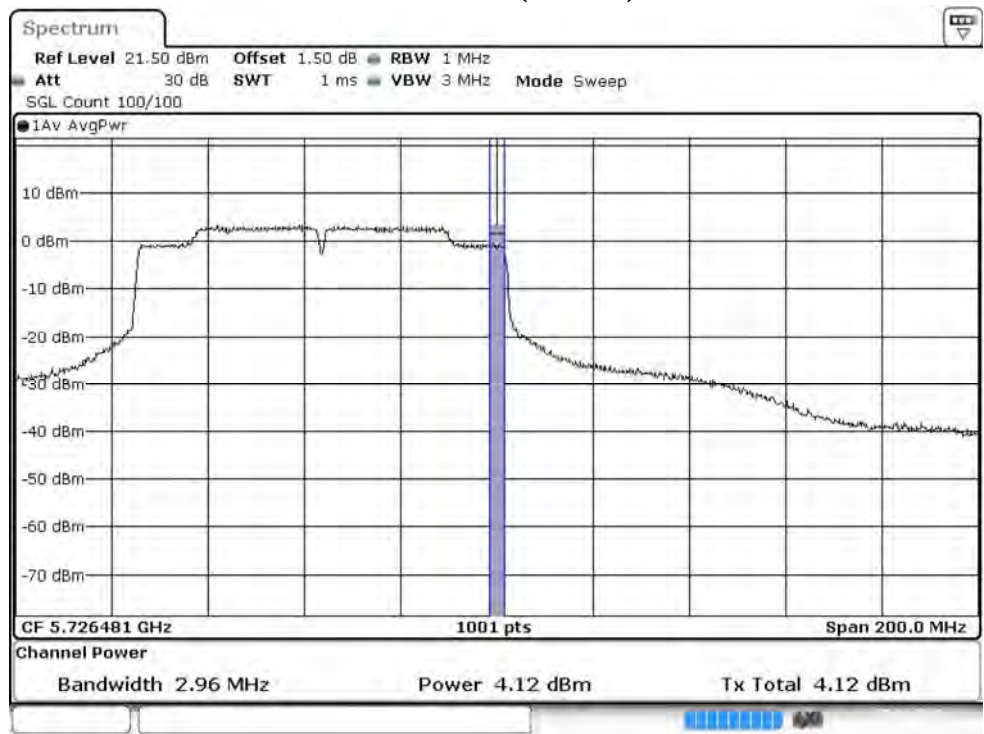
Maximum conducted output power:
Channel 122



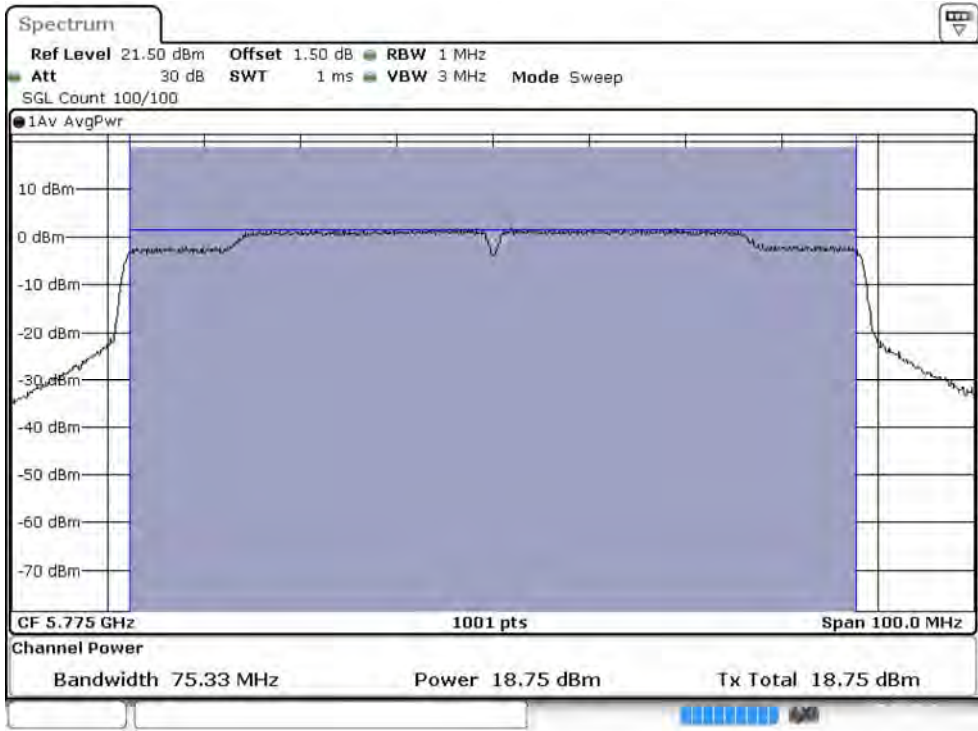
Maximum conducted output power:
Channel 138 (U-NII-2C)



Maximum conducted output power:
Channel 138 (U-NII-3)



Maximum conducted output power:
Channel 155



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 1: SISO A: 發射器 802.11ac-160BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

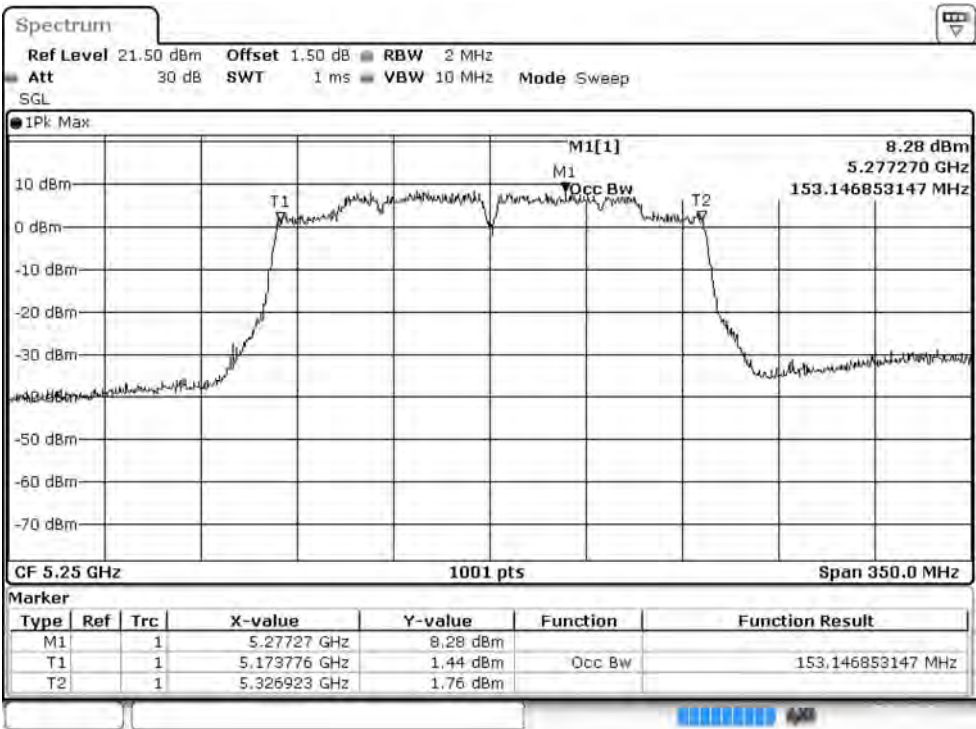
Cable loss=1.5dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		65	130	195	260	390	520	585	650	780	866.7
50 (U-NII-1)	5250	10.84	10.77	10.63	10.58	10.44	10.32	10.27	10.19	10.02	9.98
50 (U-NII-2A)	5250	10.59	10.41	10.36	10.21	10.11	10.07	9.96	9.83	9.74	9.66
114	5570	13.70	13.63	13.52	13.44	13.3	13.29	13.11	13.07	12.93	12.85

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

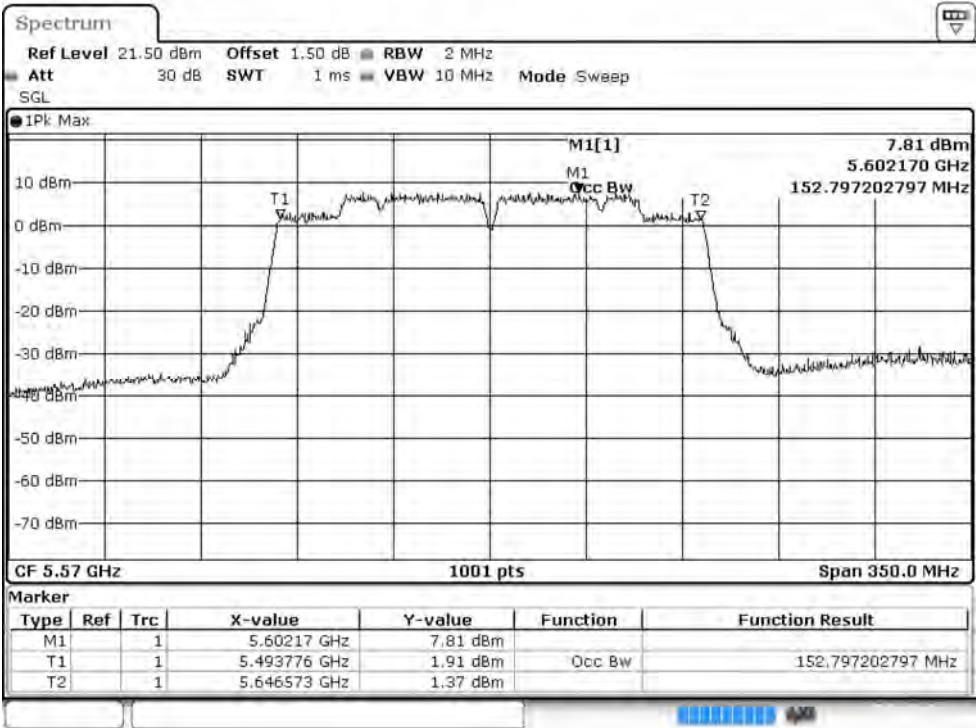
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
50 (U-NII-1)	5250	--	10.84	30	--
50 (U-NII-2A)	5250	76.573	10.59	24	29.84
114	5570	152.797	13.70	24	32.84

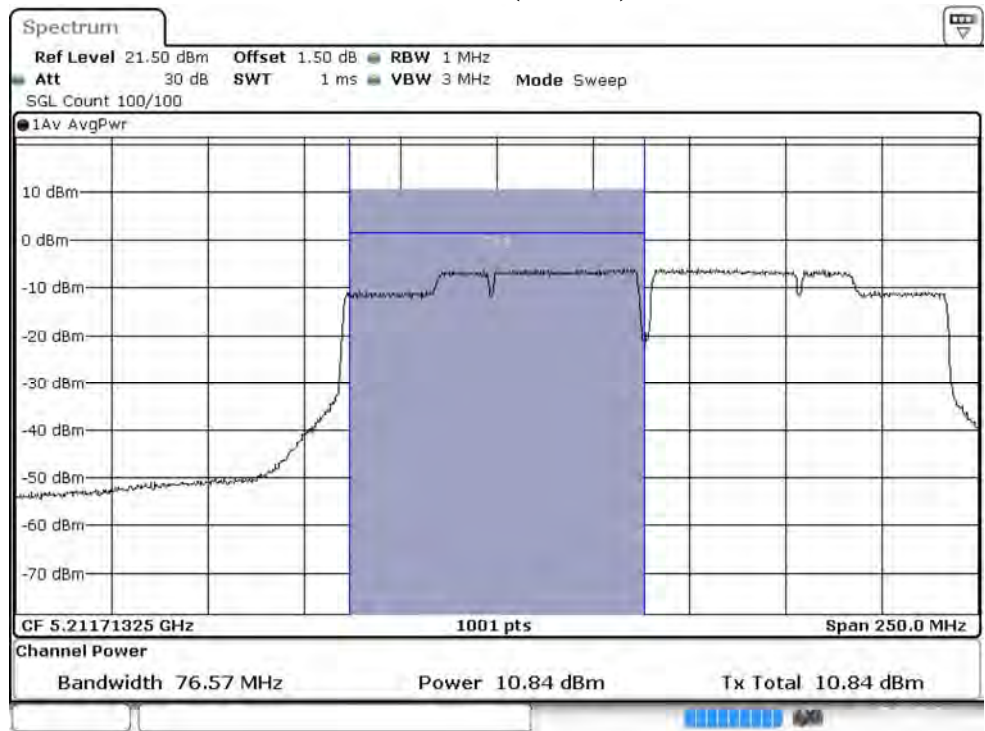
99% Occupied Bandwidth:
Channel 50



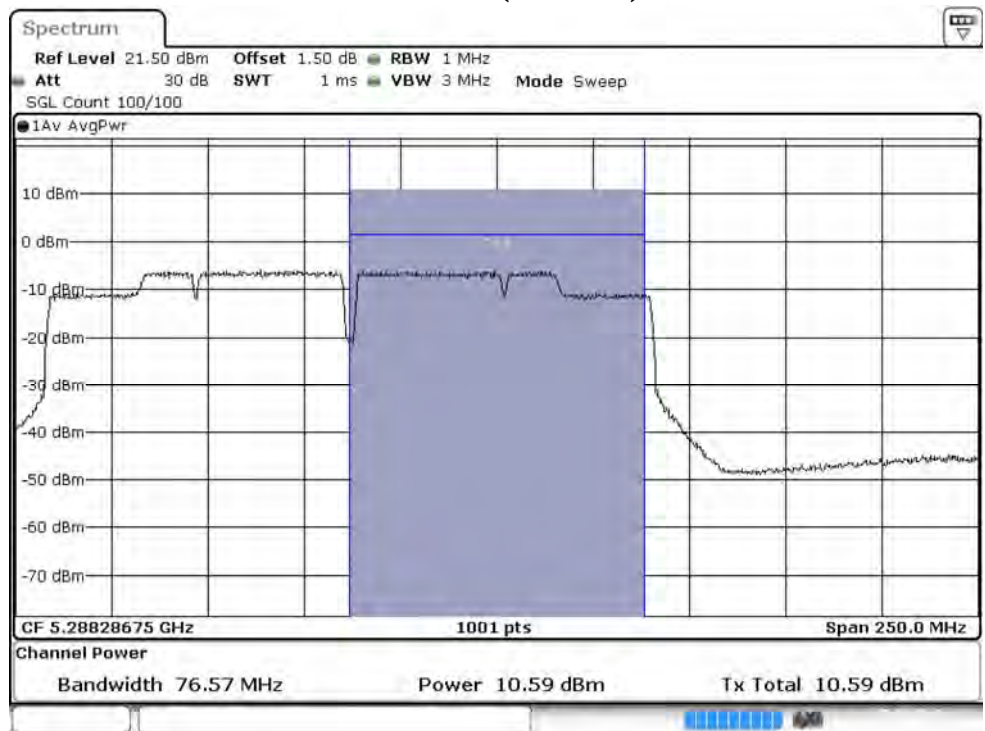
Channel 114



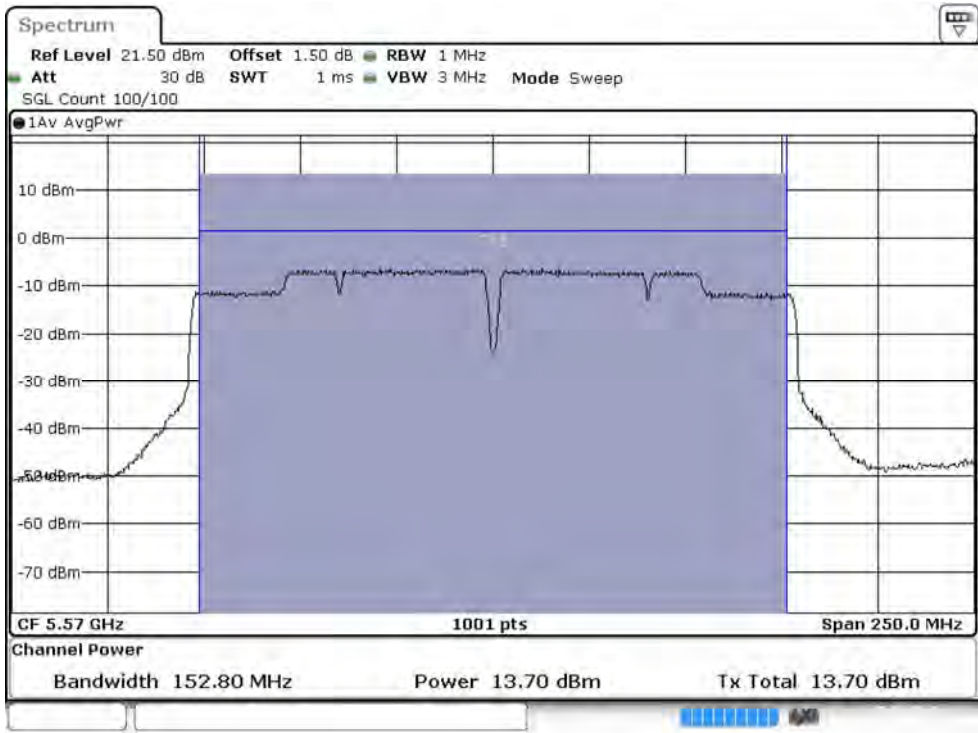
Maximum conducted output power:
Channel 50 (U-NII-1)



Maximum conducted output power:
Channel 50 (U-NII-2A)



Maximum conducted output power:
Channel 114



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO B: 發射器 802.11a

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		6	9	12	18	24	36	48	54
		Measurement Level (dBm)							
36	5180	18.40	--	--	--	--	--	--	--
44	5220	20.82	20.77	20.63	20.51	20.49	20.33	20.28	20.16
48	5240	20.92	--	--	--	--	--	--	--
52	5260	20.96	--	--	--	--	--	--	--
60	5300	20.97	20.86	20.75	20.64	20.53	20.49	20.33	20.21
64	5320	17.84	--	--	--	--	--	--	--
100	5500	18.33	--	--	--	--	--	--	--
116	5580	20.82	20.75	20.67	20.55	20.42	20.31	20.29	20.15
140	5700	18.39	--	--	--	--	--	--	--
149	5745	20.78	--	--	--	--	--	--	--
157	5785	20.75	20.64	20.53	20.49	20.37	20.29	20.15	20.06
165	5825	20.86	--	--	--	--	--	--	--

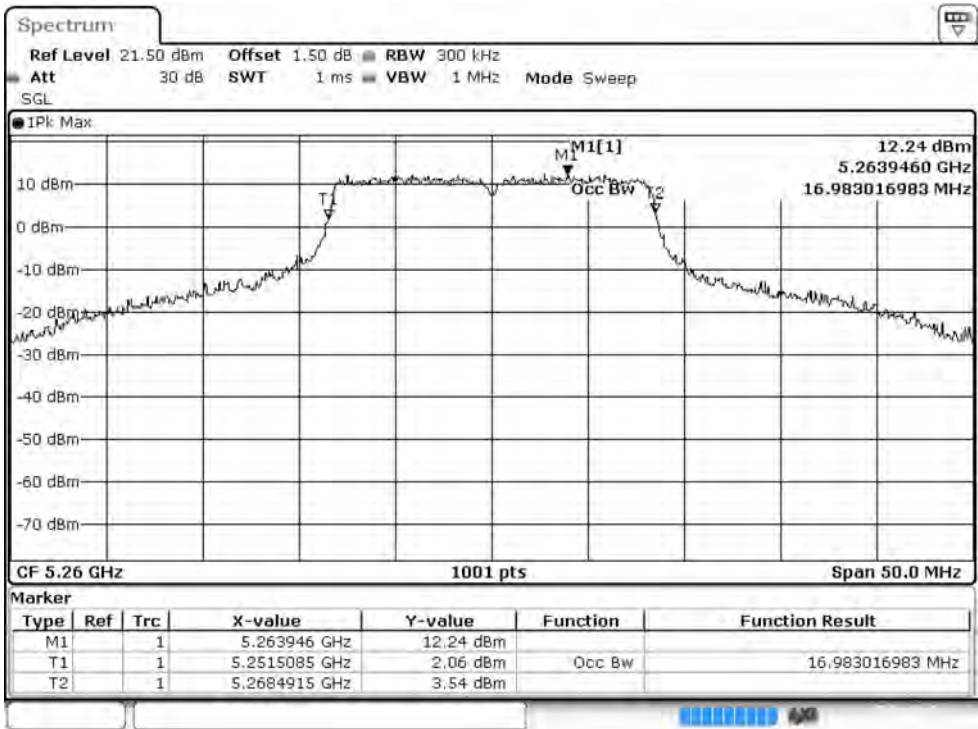
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

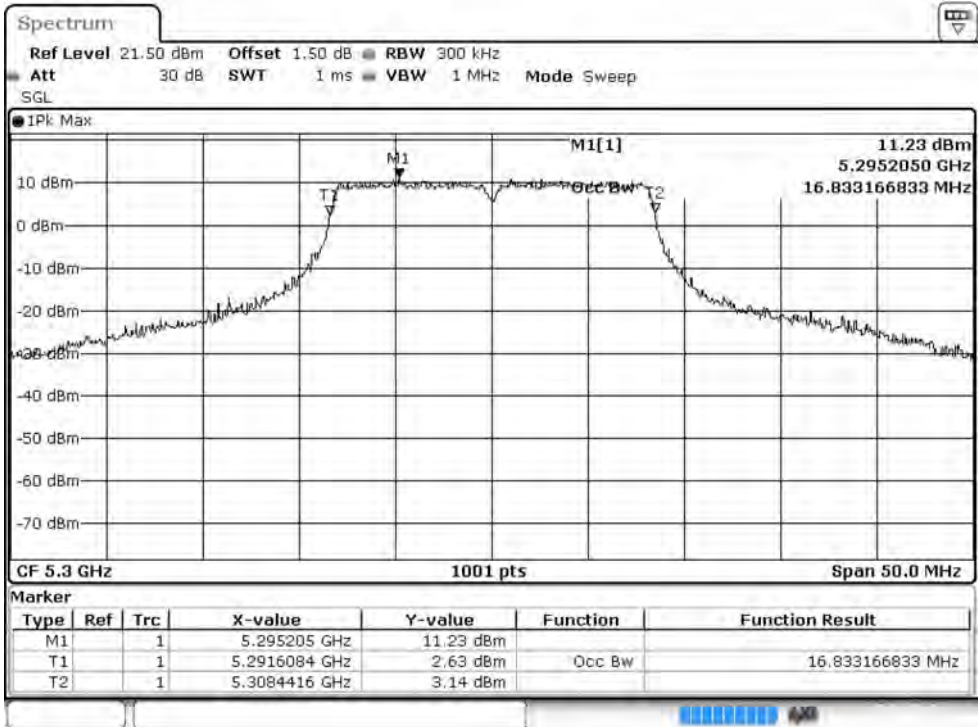
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	18.40	30	--
44	5220	--	20.82	30	--
48	5240	--	20.92	30	--
52	5260	16.983	20.96	24	23.30
60	5300	16.833	20.97	24	23.26
64	5320	16.733	17.84	24	23.24
100	5500	16.783	18.33	24	23.25
116	5580	17.033	20.82	24	23.31
140	5700	16.733	18.39	24	23.24
149	5745	--	20.78	30	--
157	5785	--	20.75	30	--
165	5825	--	20.86	30	--

99% Occupied Bandwidth:

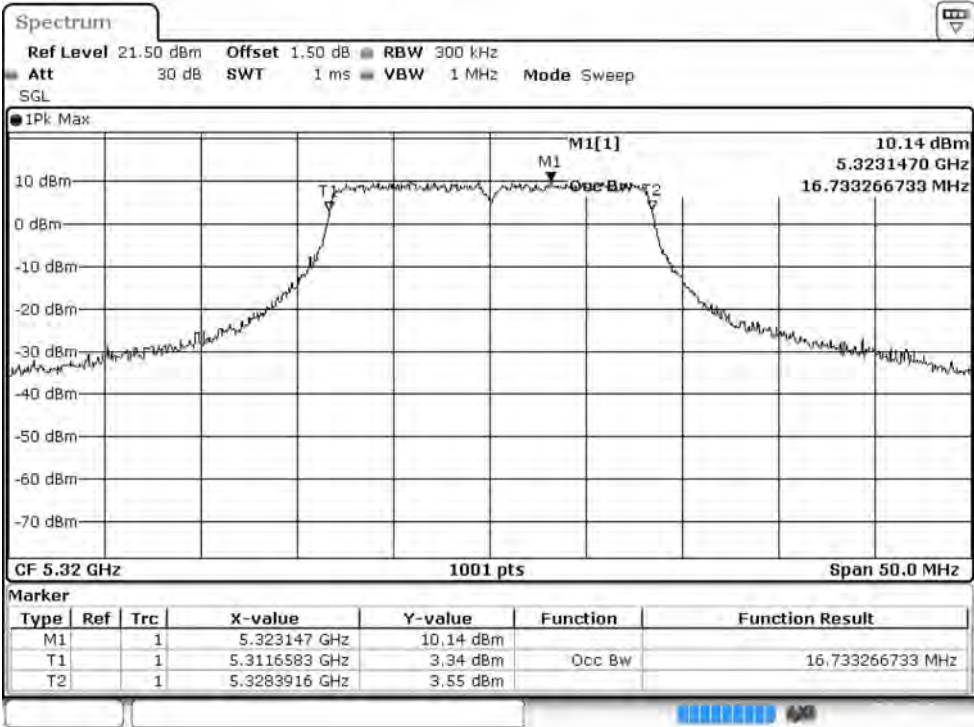
Channel 52



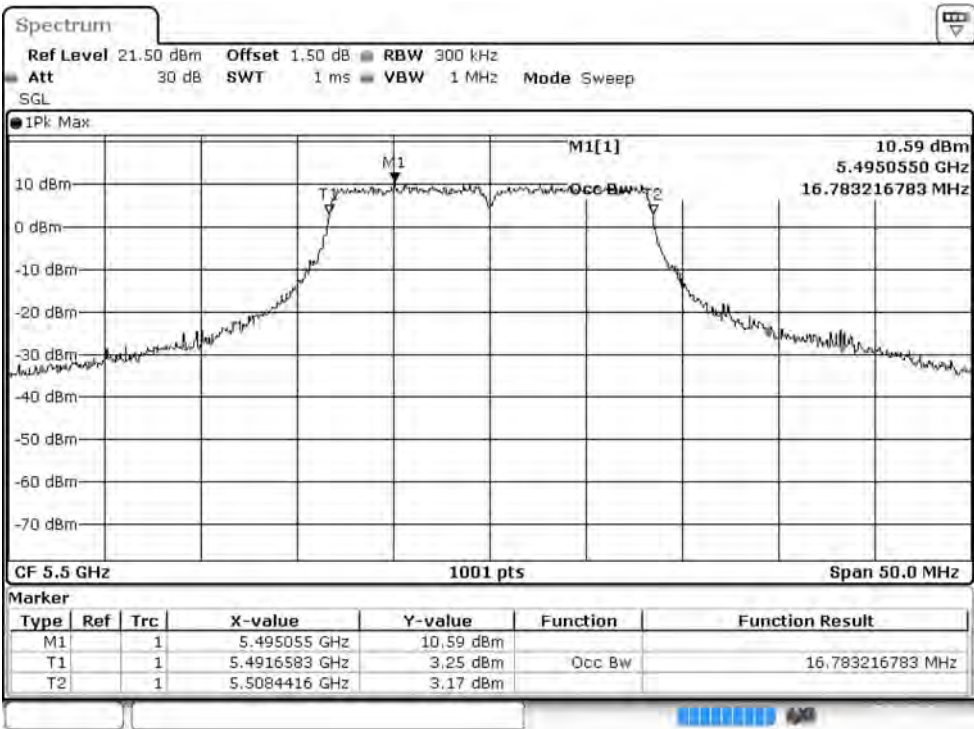
Channel 60



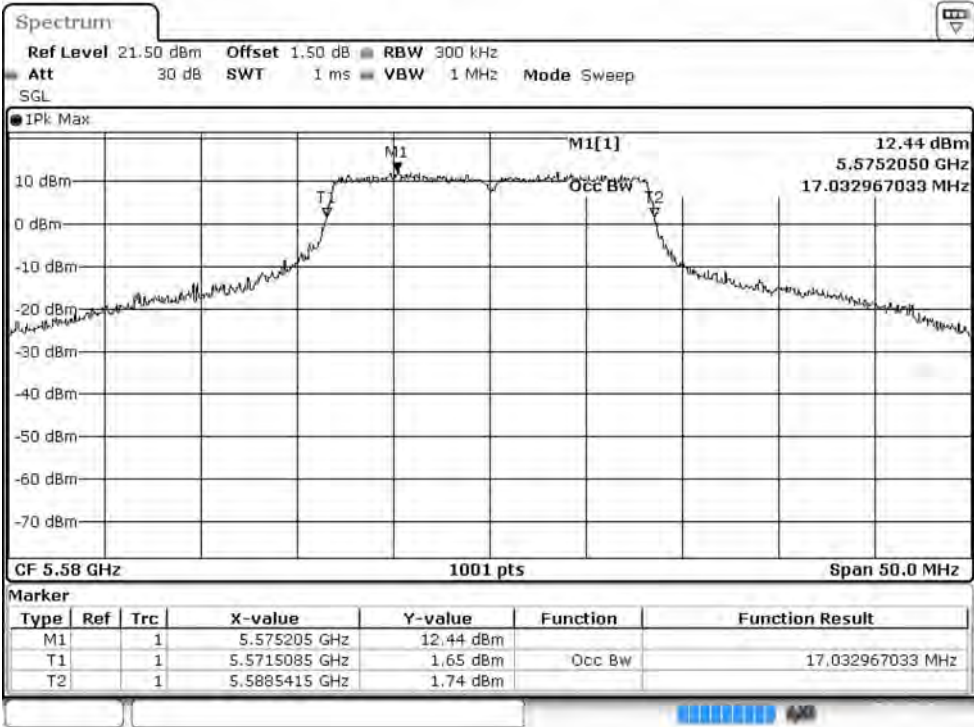
Channel 64



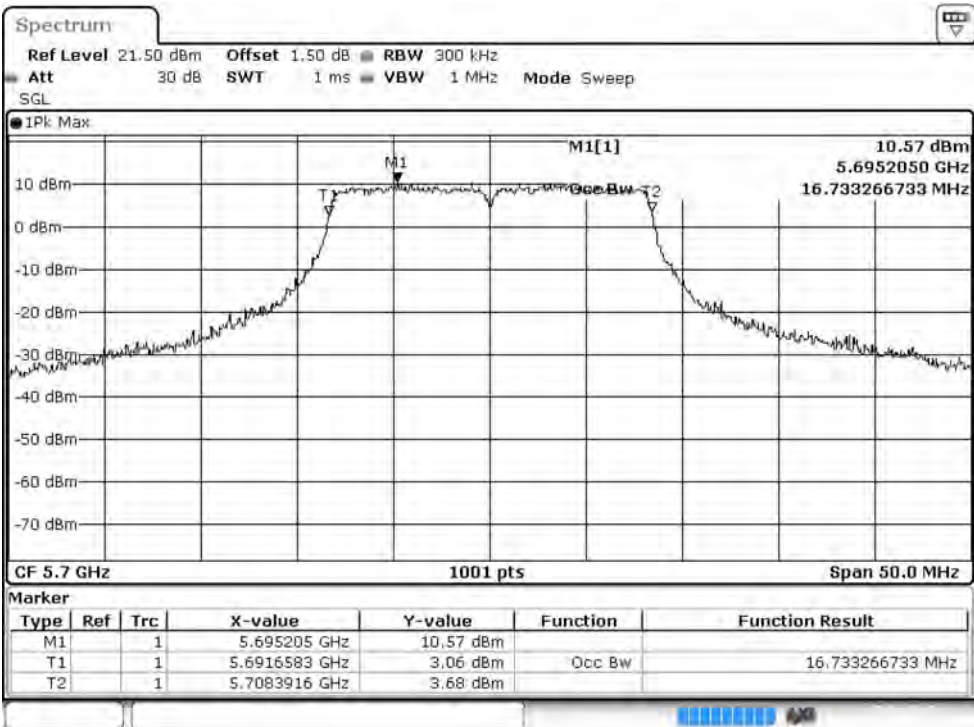
Channel 100



Channel 116



Channel 140



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO B: 發射器 802.11n-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2
		Measurement Level (dBm)							
36	5180	18.44	--	--	--	--	--	--	--
44	5220	20.88	20.73	20.66	20.52	20.49	20.34	20.25	20.17
48	5240	20.75	--	--	--	--	--	--	--
52	5260	20.78	--	--	--	--	--	--	--
60	5300	20.79	20.62	20.53	20.44	20.38	20.25	20.16	20.08
64	5320	17.93	--	--	--	--	--	--	--
100	5500	18.38	--	--	--	--	--	--	--
116	5580	20.88	20.73	20.64	20.59	20.43	20.31	20.28	20.16
140	5700	18.29	--	--	--	--	--	--	--
144(U-NII-2C)	5720	19.75	19.61	19.58	19.46	19.32	19.27	19.16	19.05
144(U-NII-3)	5720	14.36	14.28	14.19	14.02	13.97	13.84	13.75	13.68
149	5745	20.84	--	--	--	--	--	--	--
157	5785	20.84	20.74	20.62	20.51	20.49	20.33	20.24	20.15
165	5825	20.72	--	--	--	--	--	--	--

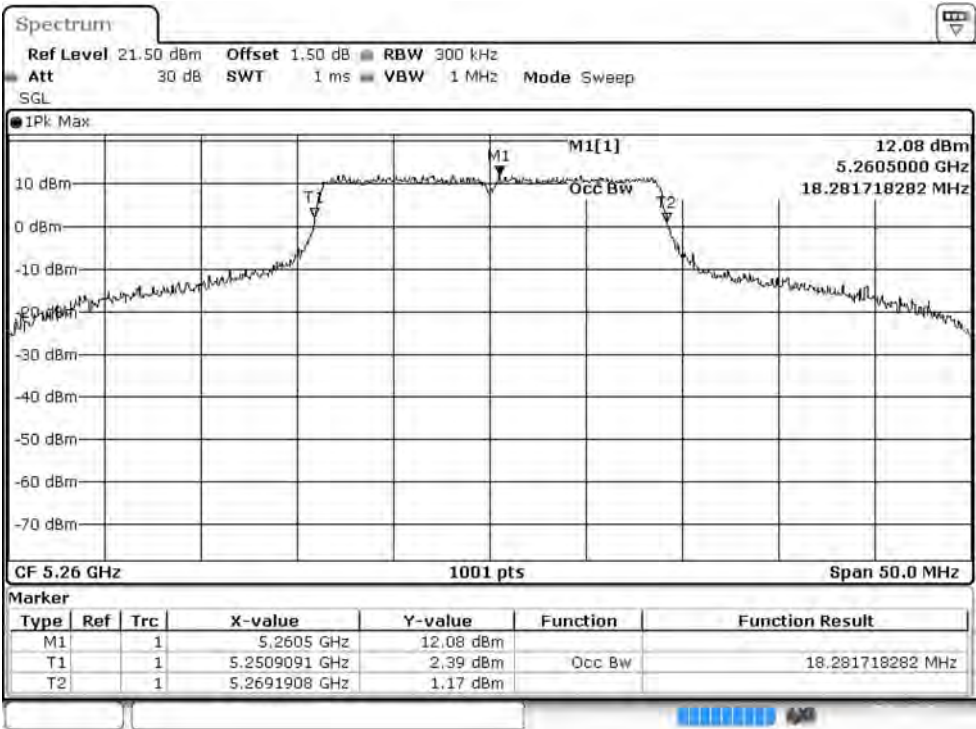
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

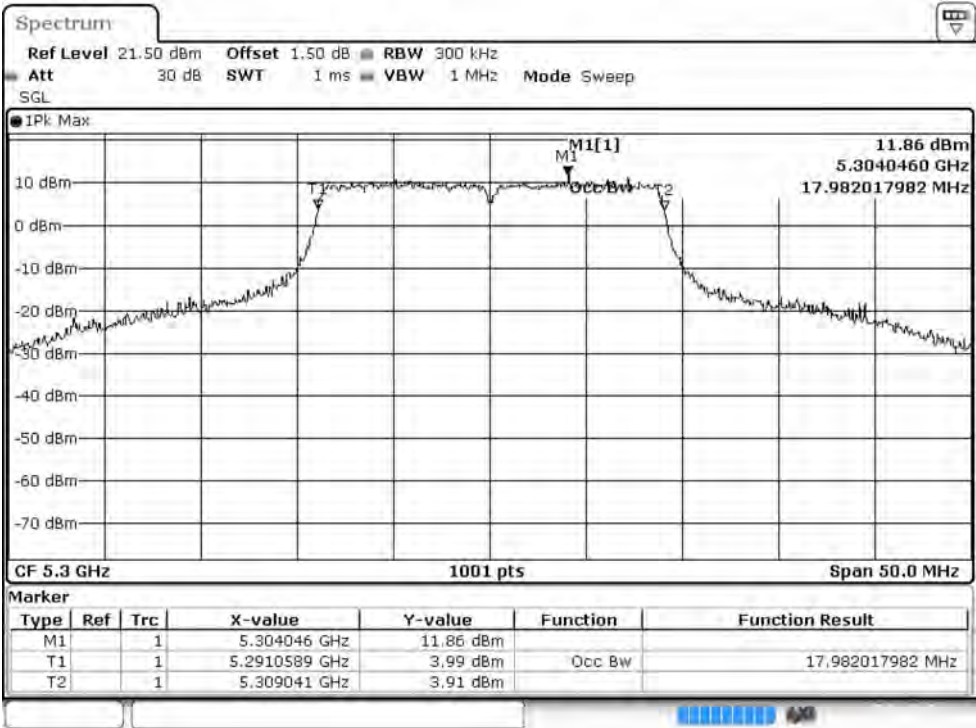
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	18.44	30	--
44	5220	--	20.88	30	--
48	5240	--	20.75	30	--
52	5260	18.282	20.78	24	23.62
60	5300	17.982	20.79	24	23.55
64	5320	17.932	17.93	24	23.54
100	5500	17.982	18.38	24	23.55
116	5580	18.282	20.88	24	23.62
140	5700	17.932	18.29	24	23.54
144(U-NII-2C)	5720	15.764	19.75	24	22.98
144(U-NII-3)	5720	--	14.36	30	--
149	5745	--	20.84	30	--
157	5785	--	20.84	30	--
165	5825	--	20.72	30	--

99% Occupied Bandwidth:

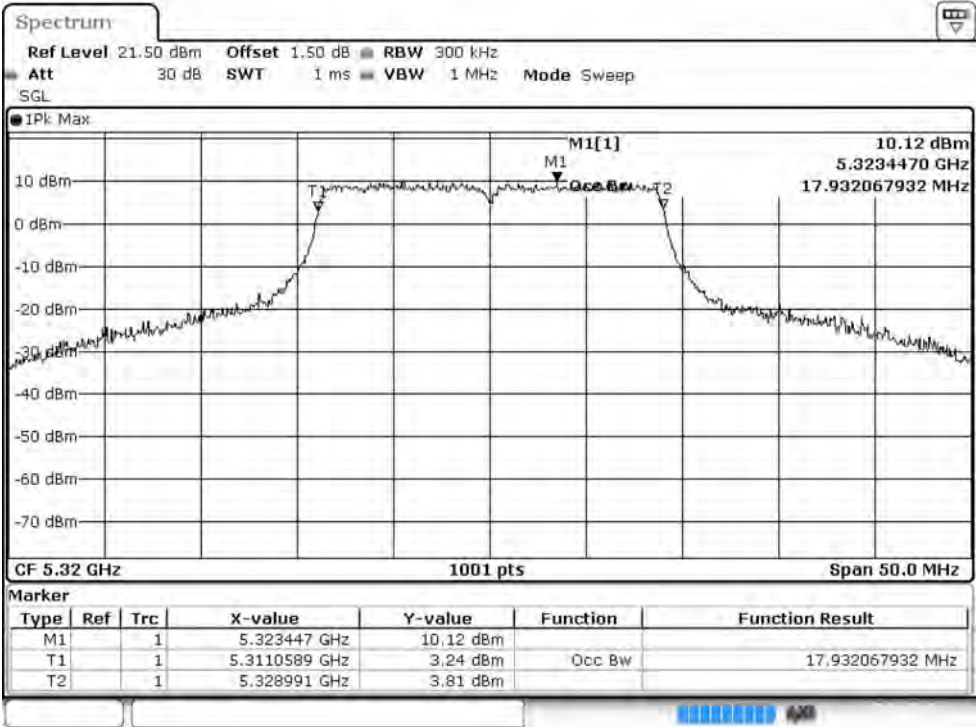
Channel 52



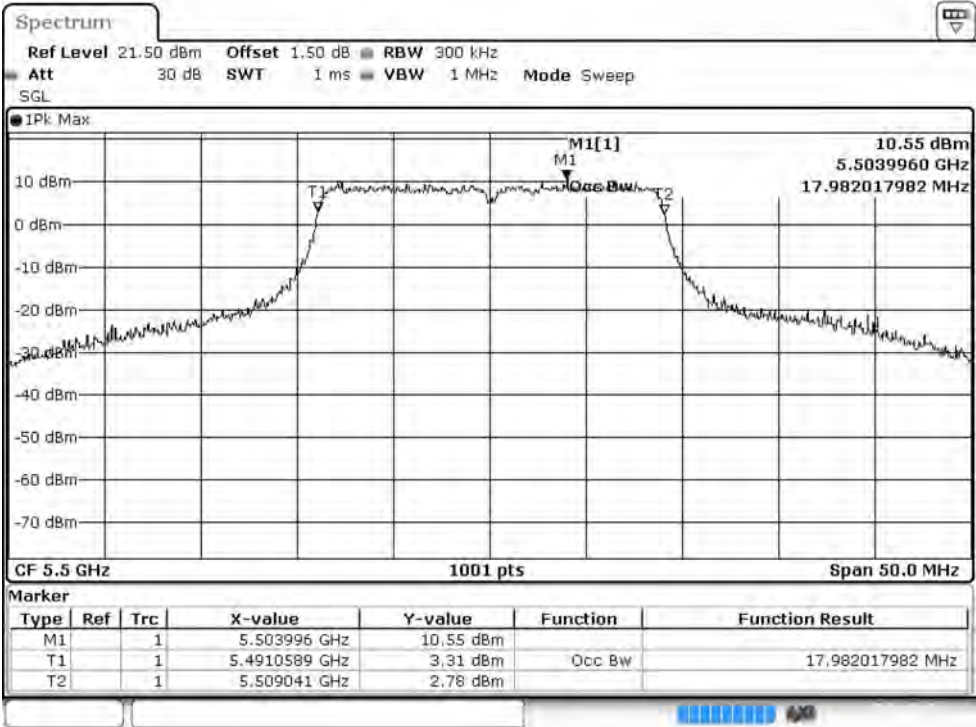
Channel 60



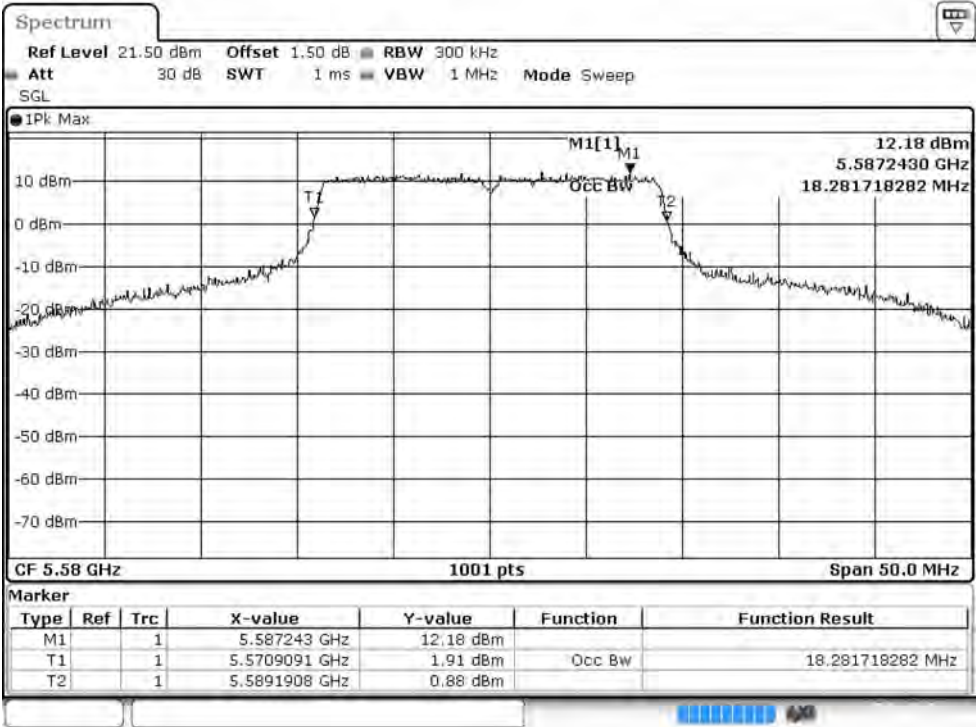
Channel 64



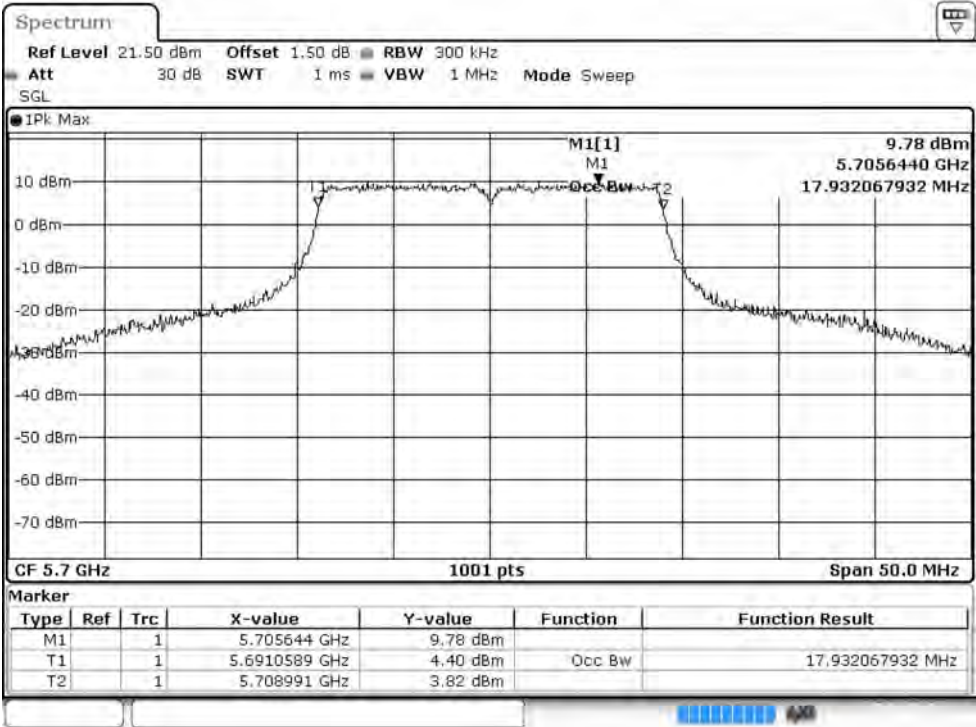
Channel 100



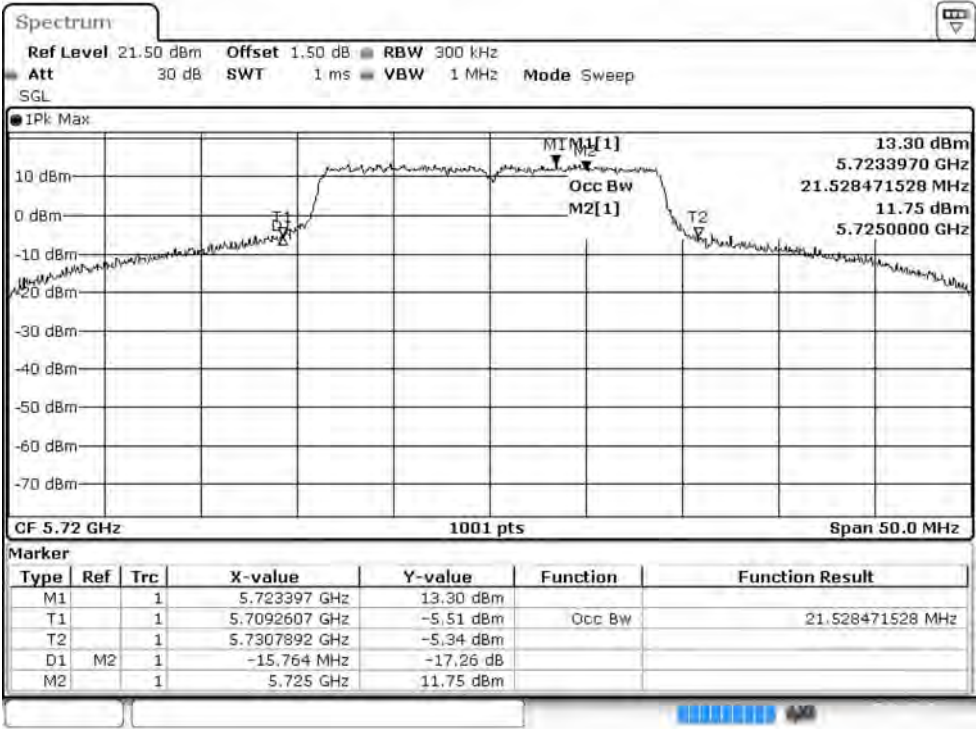
Channel 116



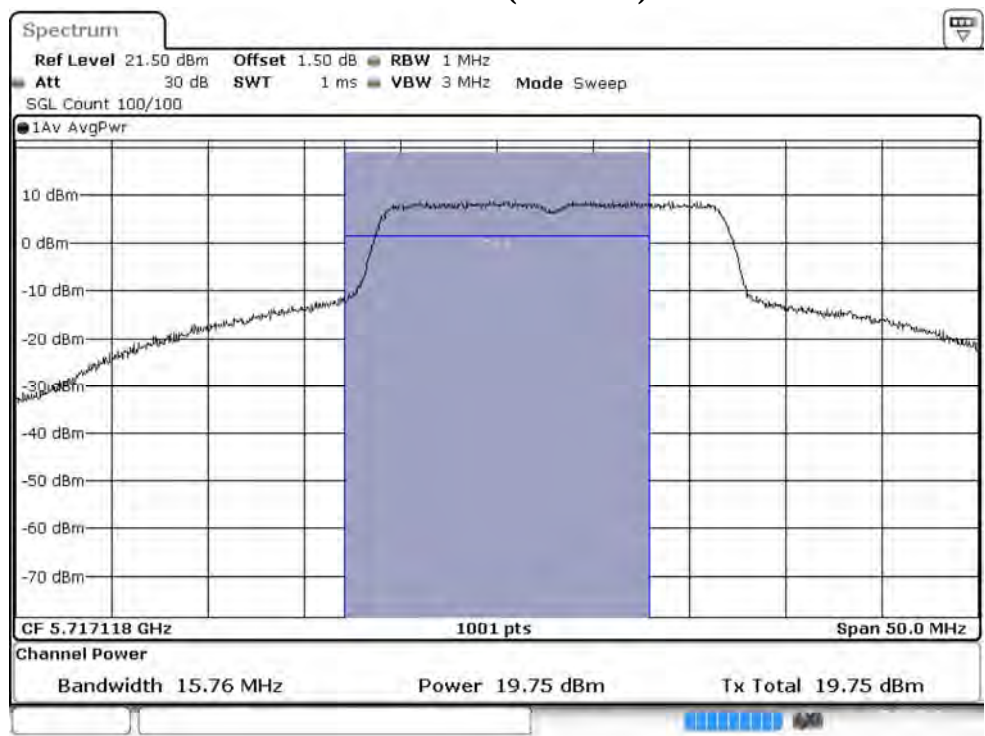
Channel 140



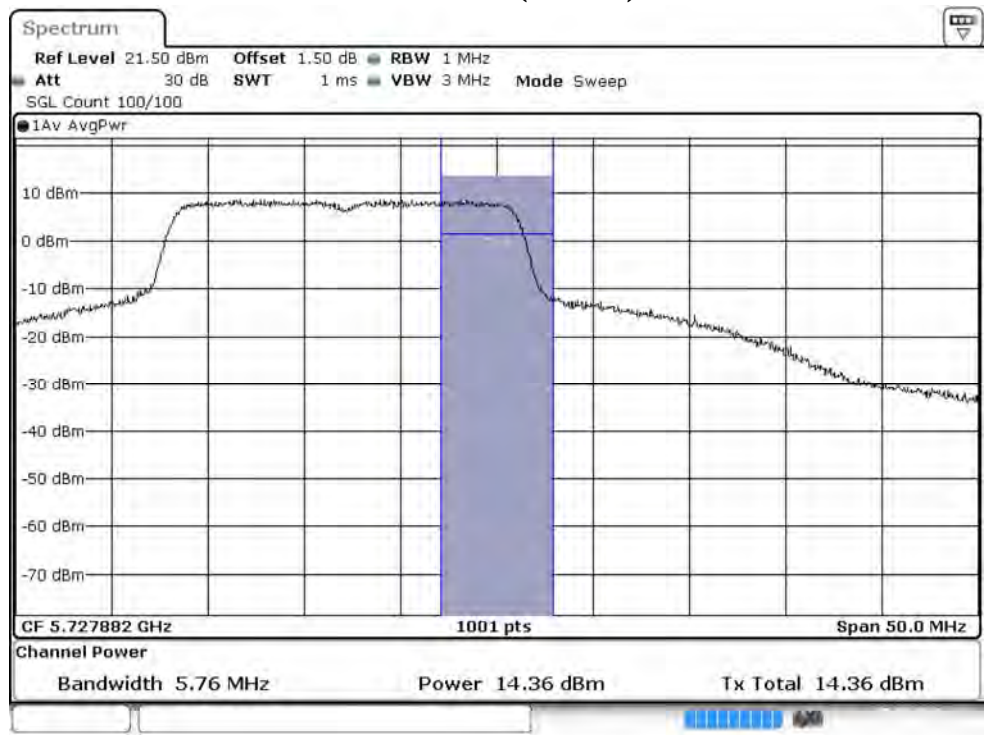
Channel 144



Maximum conducted output power:
Channel 144 (U-NII-2C)



Maximum conducted output power:
Channel 144 (U-NII-3)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO B: 發射器 802.11n-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		15	30	45	60	90	120	135	150
		Measurement Level (dBm)							
38	5190	18.46	--	--	--	--	--	--	--
46	5230	20.71	20.68	20.59	20.43	20.34	20.25	20.16	20.04
54	5270	20.99	--	--	--	--	--	--	--
62	5310	16.96	16.88	16.75	16.68	16.53	16.49	16.37	16.21
102	5510	17.33	--	--	--	--	--	--	--
110	5550	20.81	20.72	20.63	20.55	20.49	20.38	20.21	20.11
134	5670	19.73	--	--	--	--	--	--	--
142(U-NII-2C)	5710	20.55	20.47	20.31	20.29	20.11	20.04	19.97	19.86
142(U-NII-3)	5710	10.14	10.03	9.98	9.83	9.71	9.66	9.55	9.41
151	5755	20.80	--	--	--	--	--	--	--
159	5795	20.85	20.77	20.64	20.59	20.43	20.31	20.28	20.12

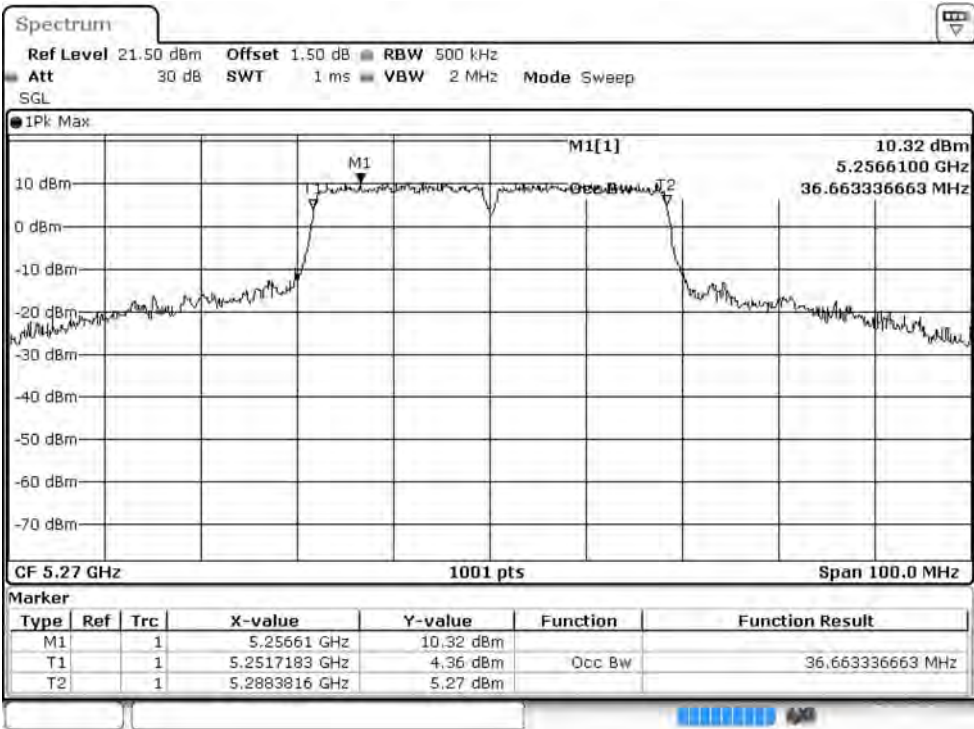
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

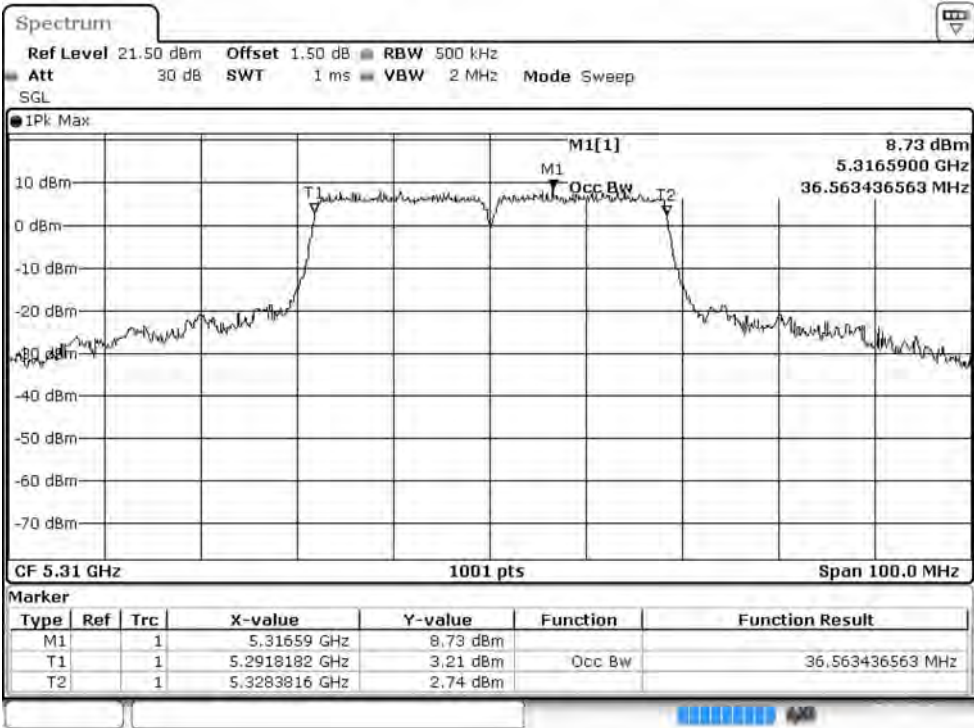
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	18.46	30	--
46	5230	--	20.71	30	--
54	5270	36.663	20.99	24	26.64
62	5310	36.563	16.96	24	26.63
102	5510	36.563	17.33	24	26.63
110	5550	36.663	20.81	24	26.64
134	5670	36.963	19.73	24	26.68
142(U-NII-2C)	5710	33.682	20.55	24	26.27
142(U-NII-3)	5710	--	10.14	30	--
151	5755	--	20.80	30	--
159	5795	--	20.85	30	--

99% Occupied Bandwidth:

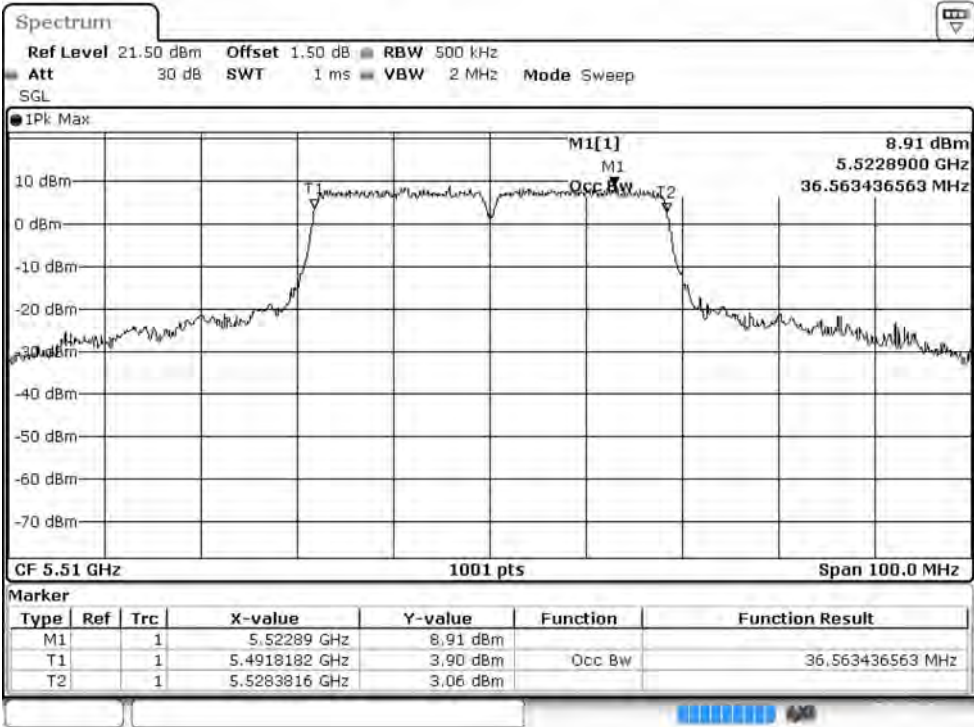
Channel 54



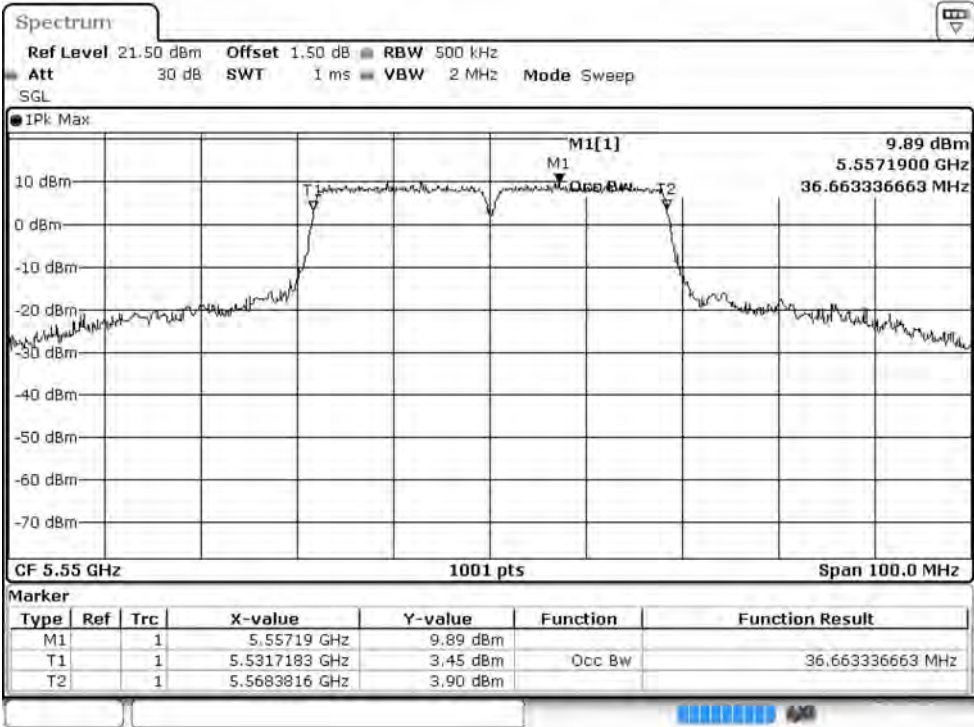
Channel 62



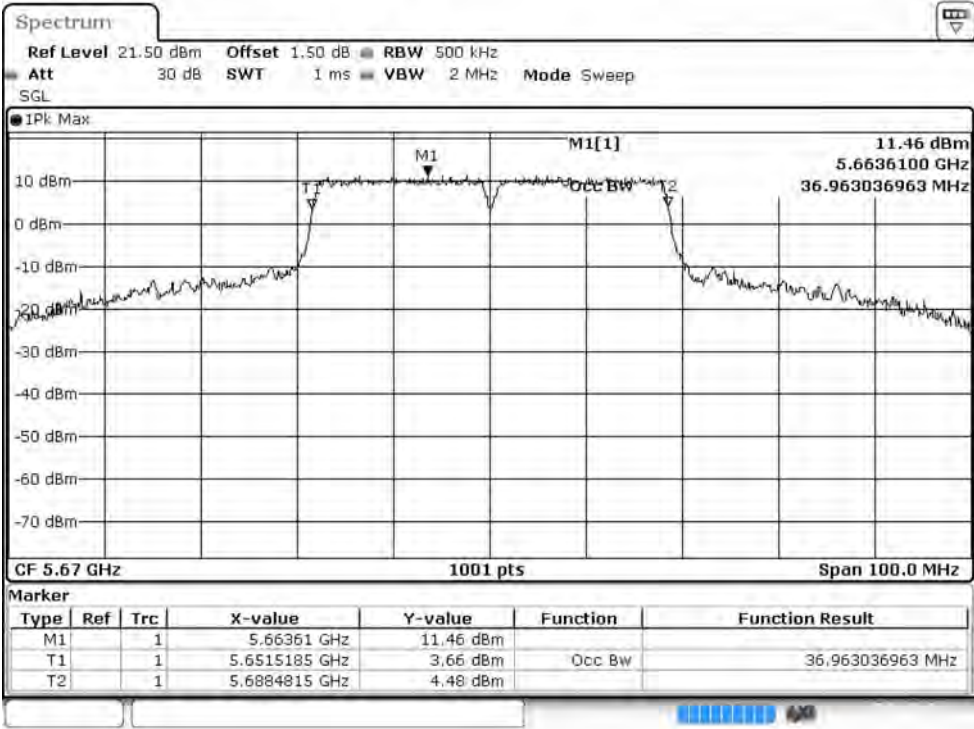
Channel 102



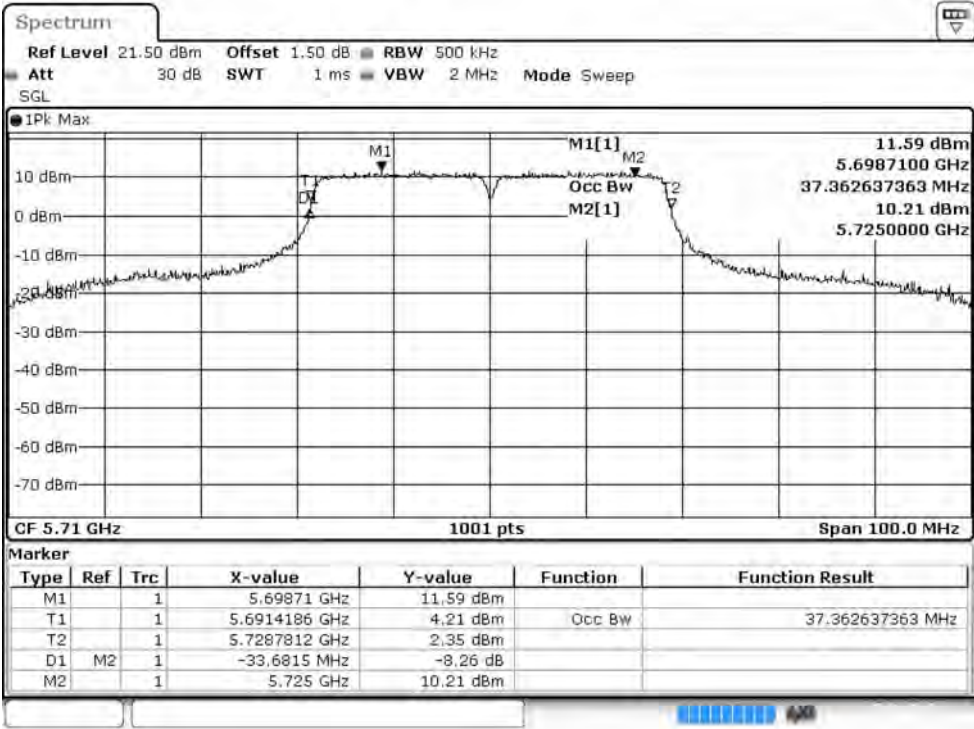
Channel 110



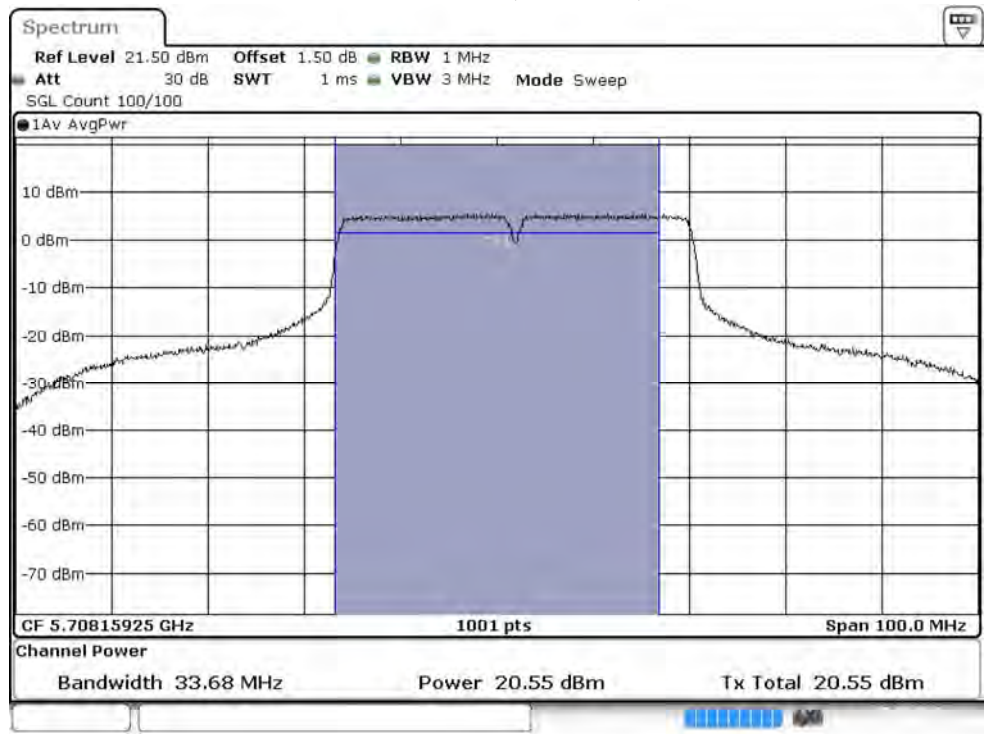
Channel 134



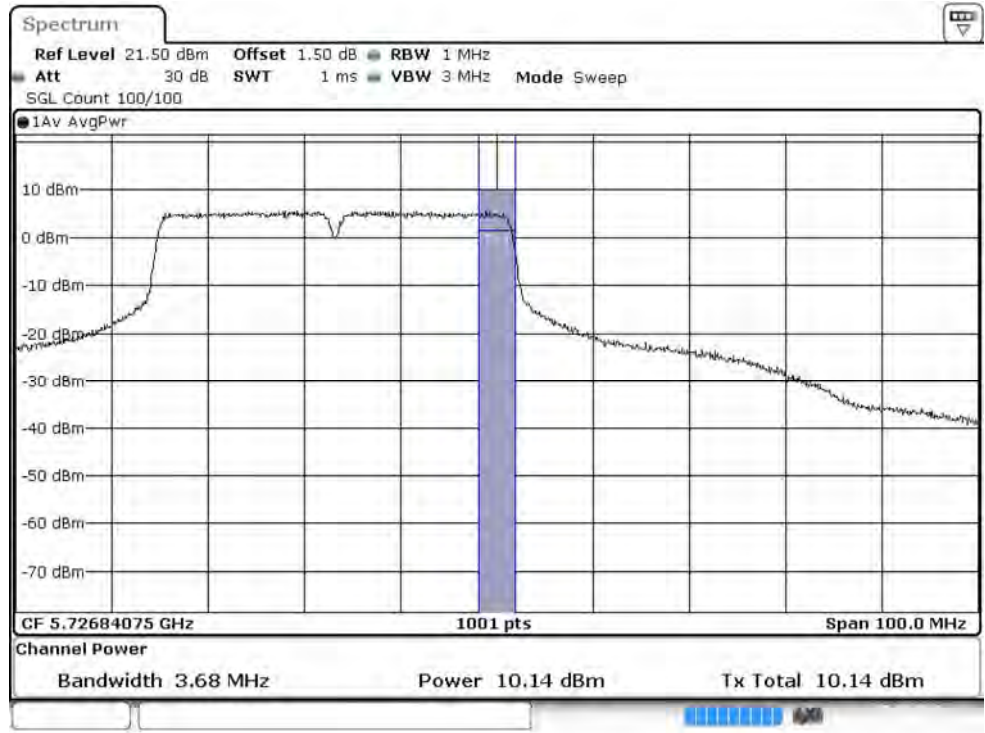
Channel 142



Maximum conducted output power:
Channel 142 (U-NII-2C)



Maximum conducted output power:
Channel 142 (U-NII-3)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO B: 發射器 802.11ac-80BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		32.5	65	97.5	130	195	260	292.5	325	390	433.3
42	5210	17.96	17.82	17.74	17.63	17.55	17.48	17.33	17.29	17.18	17.02
58	5290	17.14	17.04	16.98	16.81	16.74	16.63	16.52	16.49	16.32	16.21
106	5530	18.47	--	--	--	--	--	--	--	--	--
122	5610	19.87	19.77	19.61	19.59	19.43	19.33	19.28	19.14	19.06	18.97
138 (U-NII-2C)	5690	20.59	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	4.95	--	--	--	--	--	--	--	--	--
155	5775	18.96	18.88	18.73	18.63	18.55	18.42	18.34	18.29	18.14	18.02

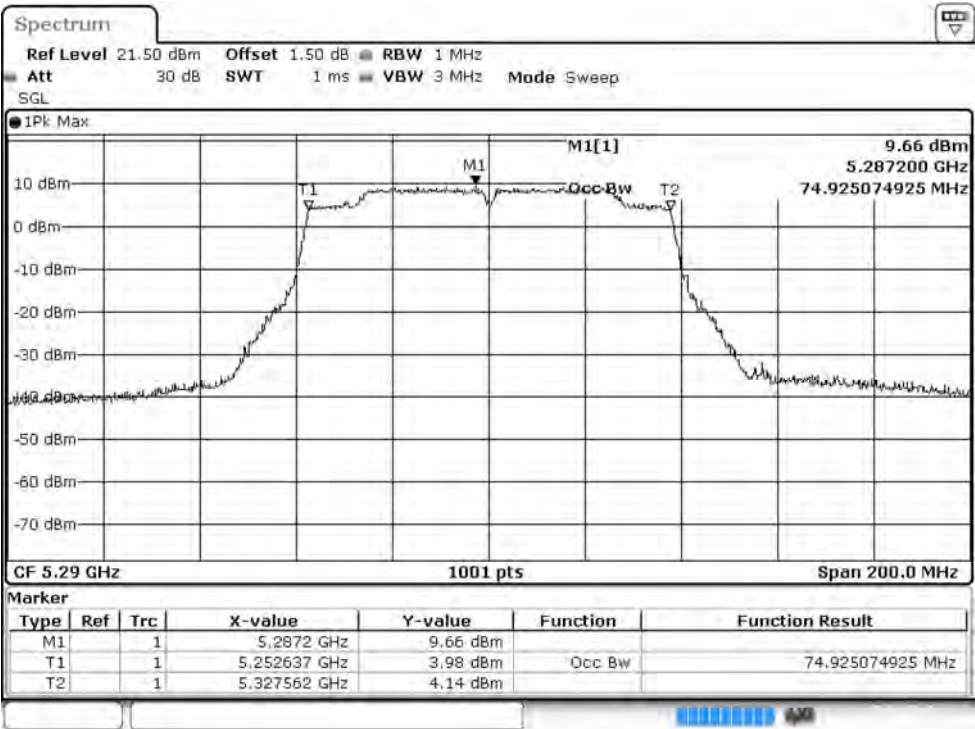
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

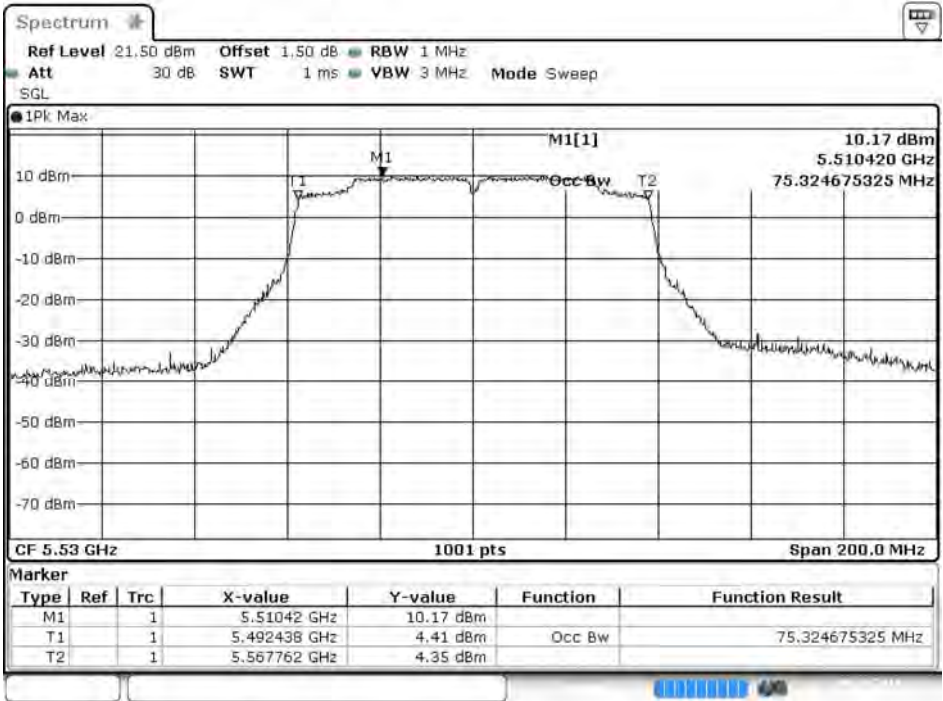
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
42	5210	--	17.96	30	--
58	5290	74.925	17.14	24	29.75
106	5530	75.325	18.47	24	29.77
122	5610	75.924	19.87	24	29.80
138 (U-NII-2C)	5690	72.962	20.59	24	29.63
138 (U-NII-3)	5690	--	4.95	30	--
155	5775	--	18.96	30	--

99% Occupied Bandwidth:

Channel 58

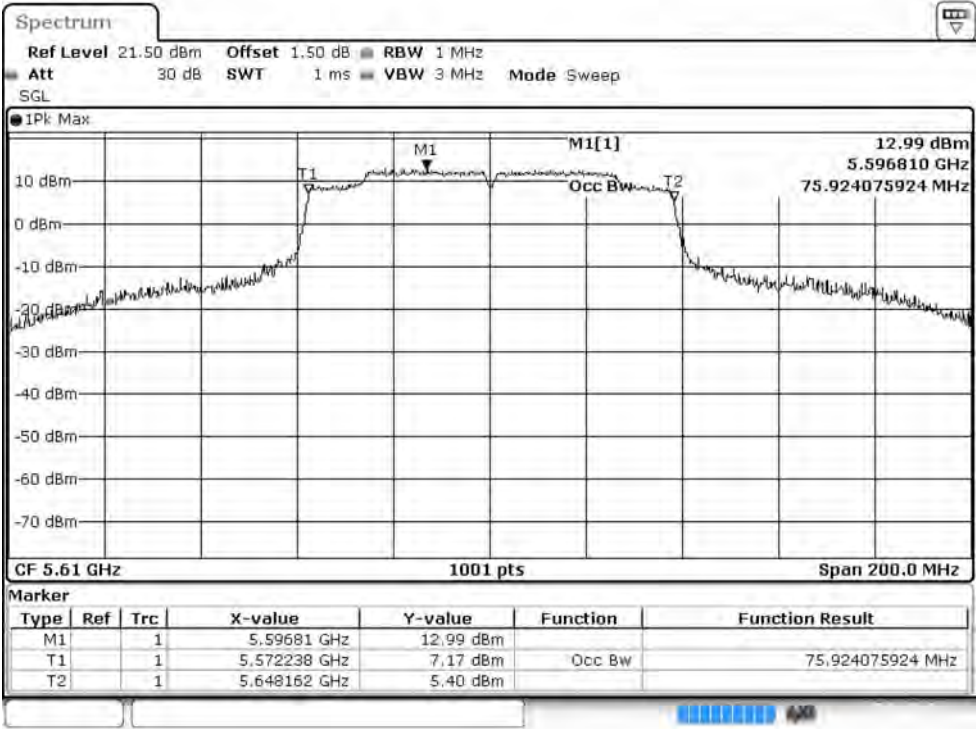


Channel 106

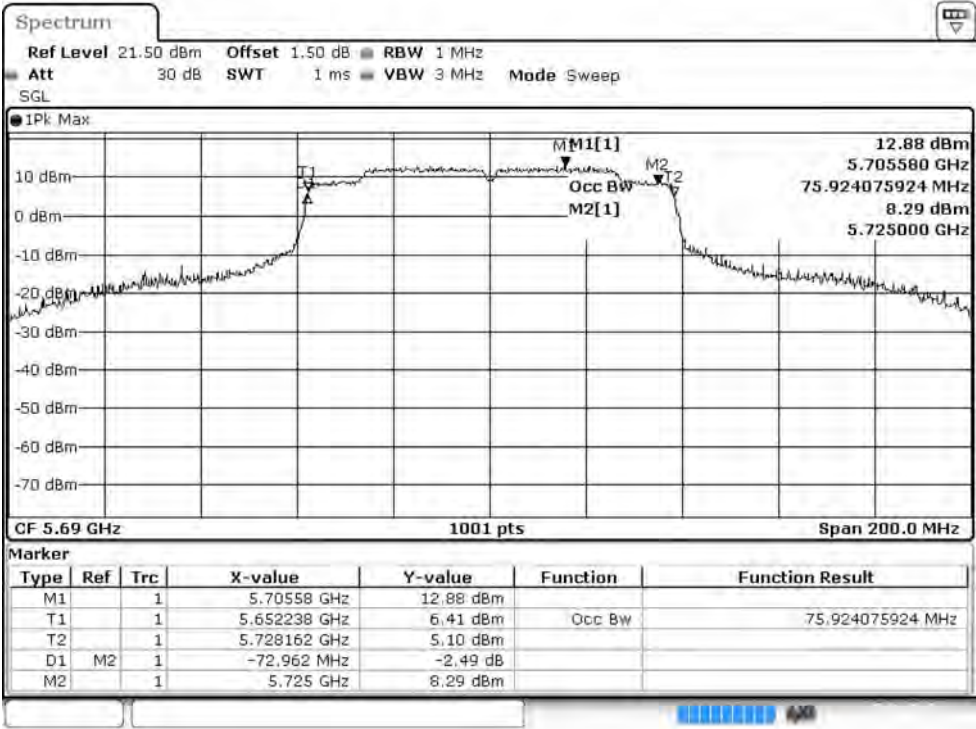


Date: 9.OCT.2018 13:16:38

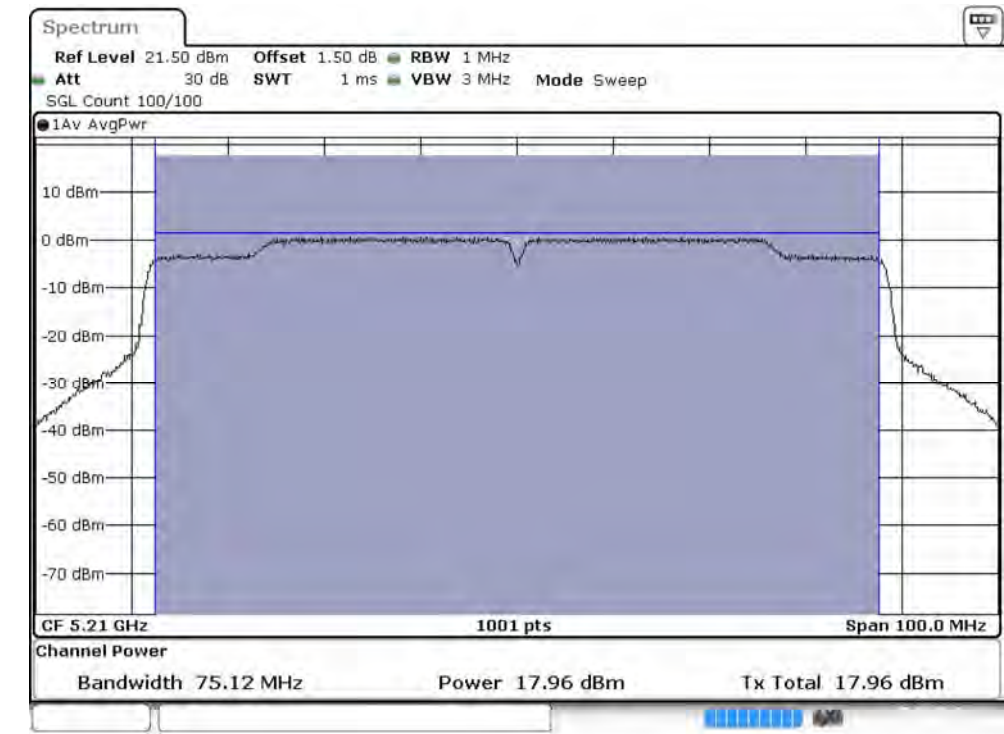
Channel 122



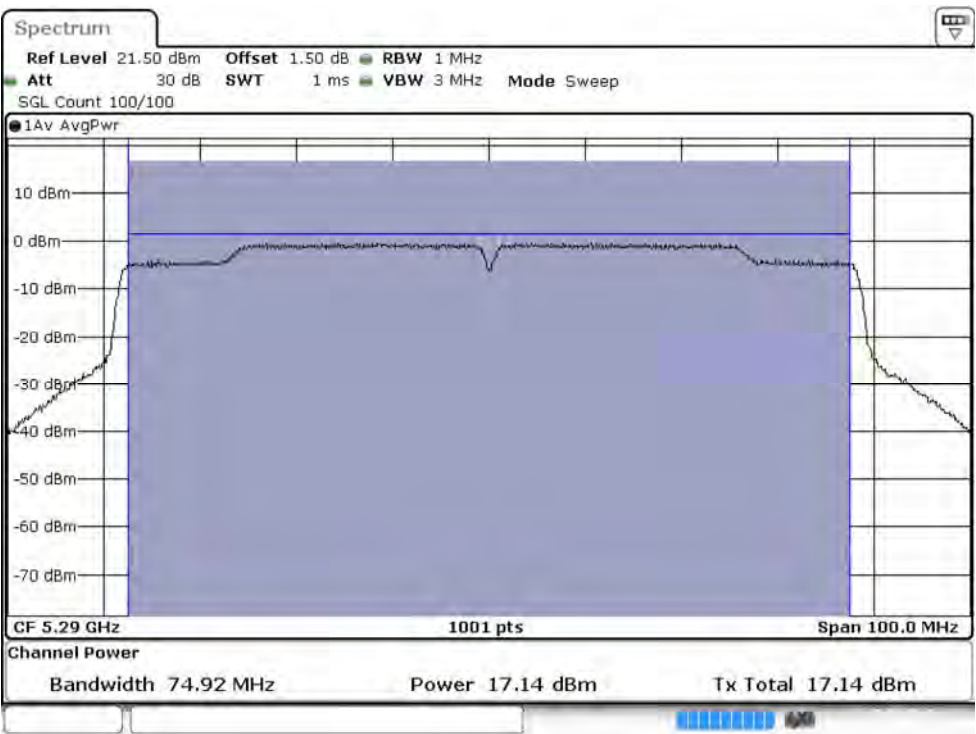
Channel 138



Maximum conducted output power:
Channel 42

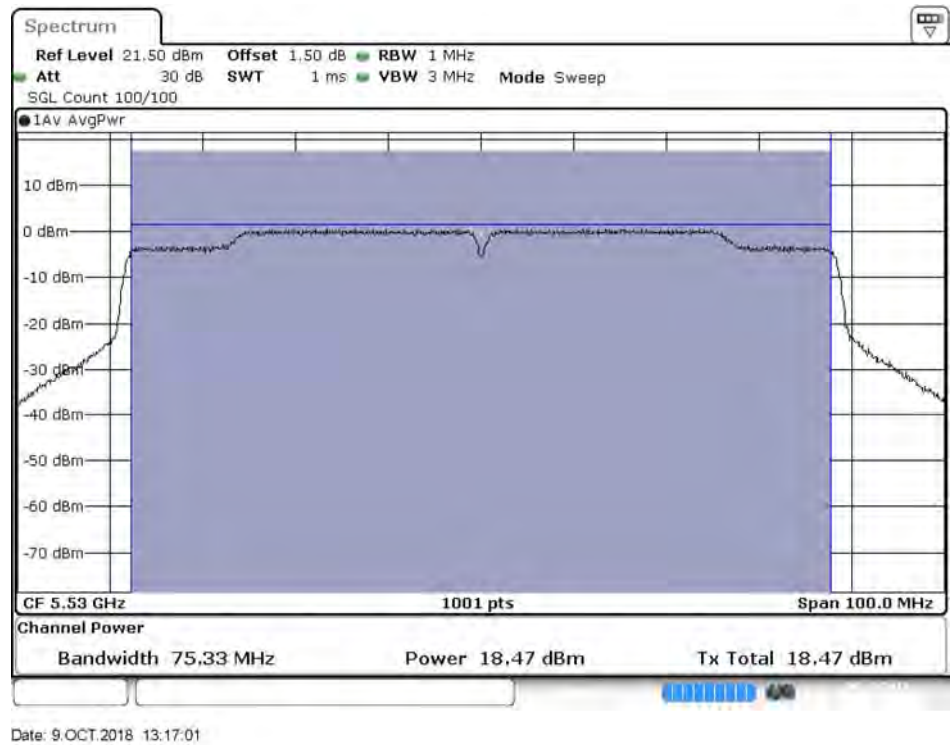


Maximum conducted output power:
Channel 58



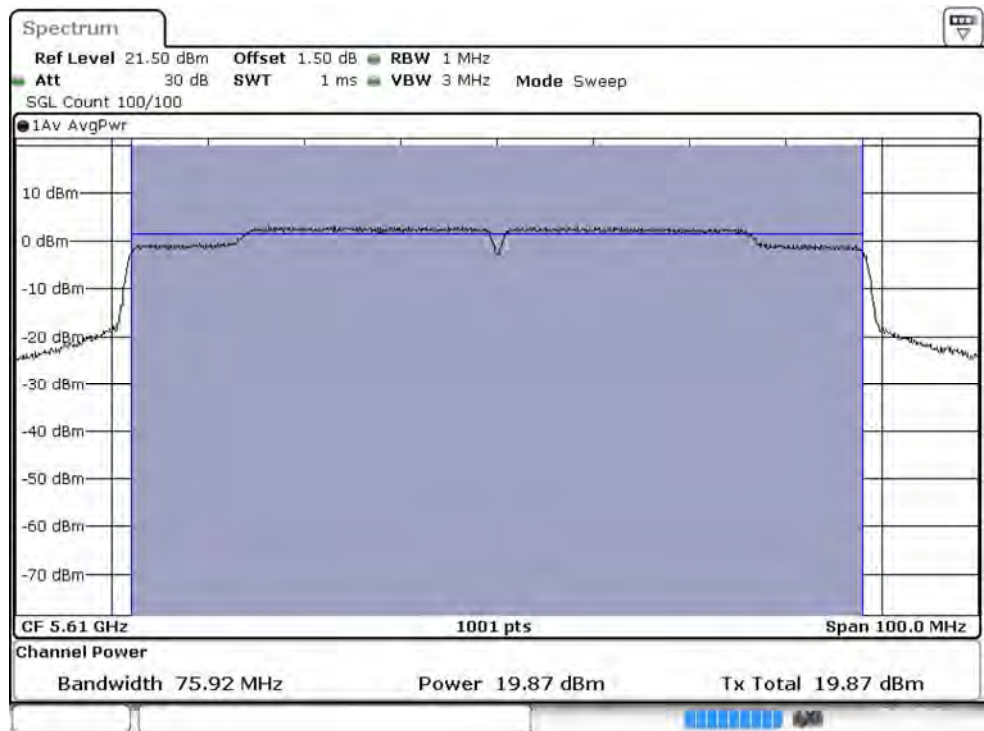
Maximum conducted output power:

Channel 106

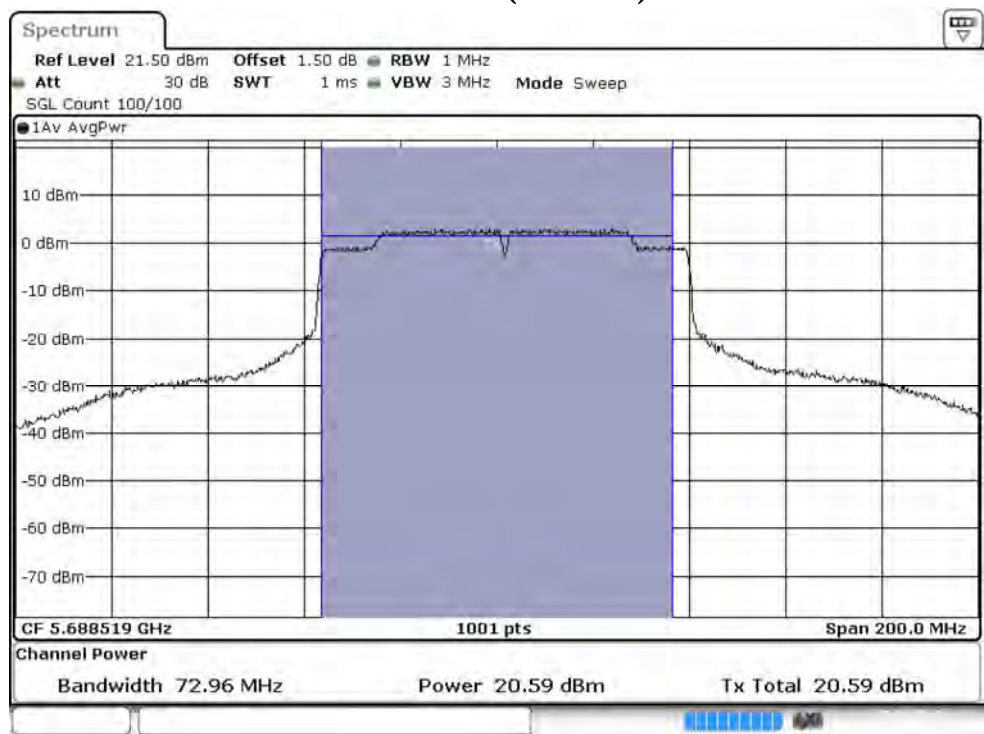


Maximum conducted output power:

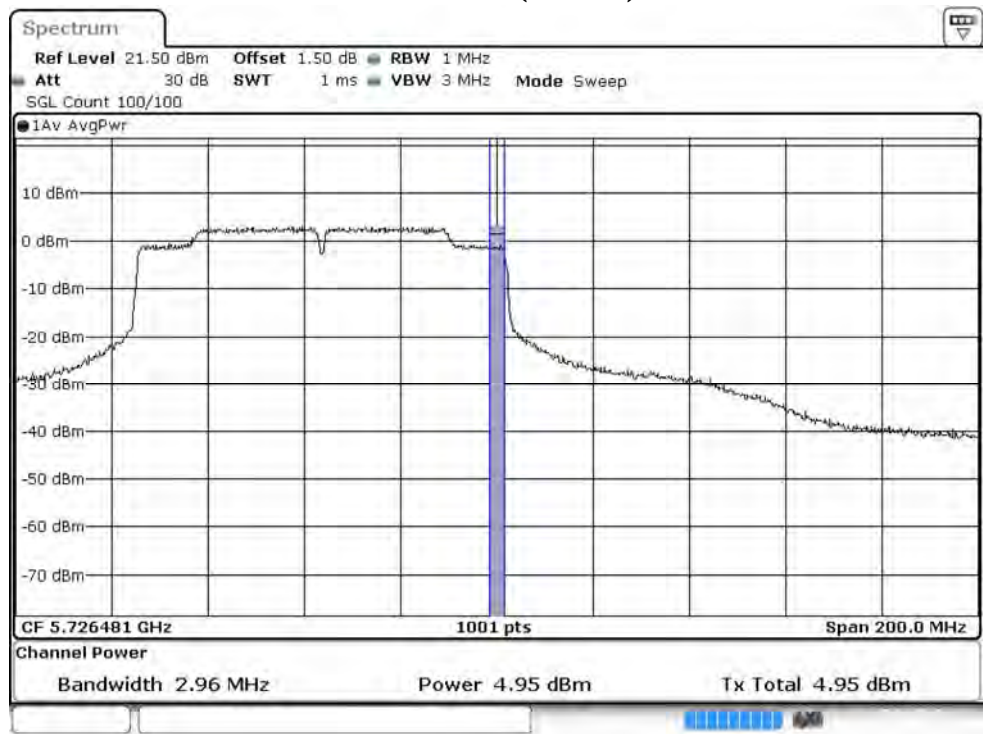
Channel 122



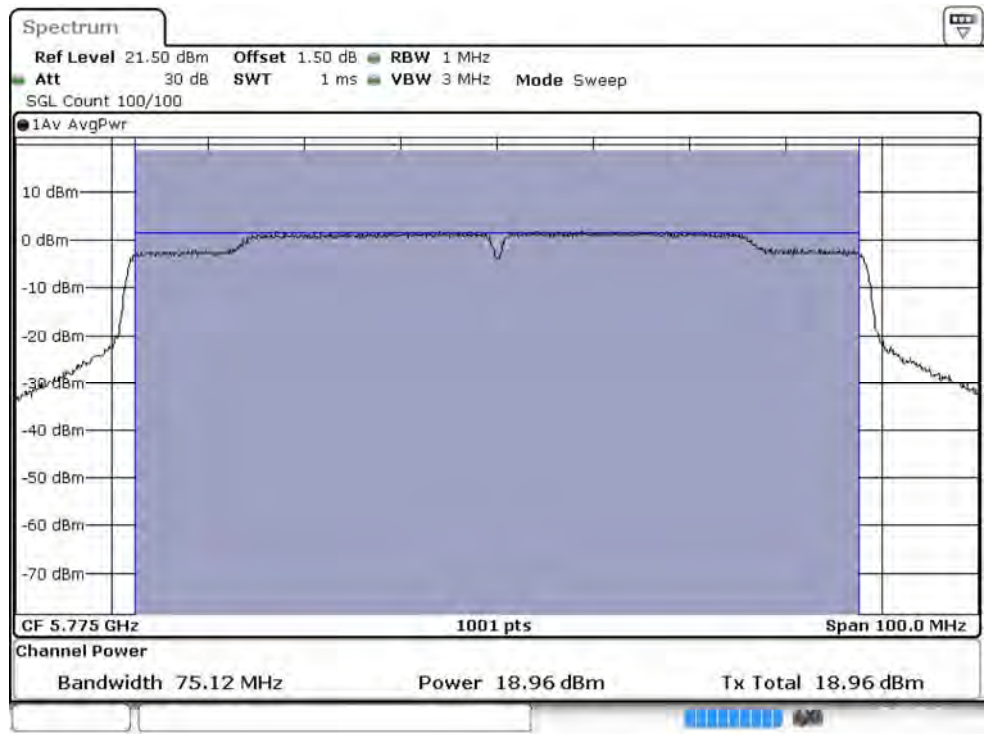
Maximum conducted output power:
Channel 138 (U-NII-2C)



Maximum conducted output power:
Channel 138 (U-NII-3)



Maximum conducted output power:
Channel 155



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO B: 發射器 802.11ac-160BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

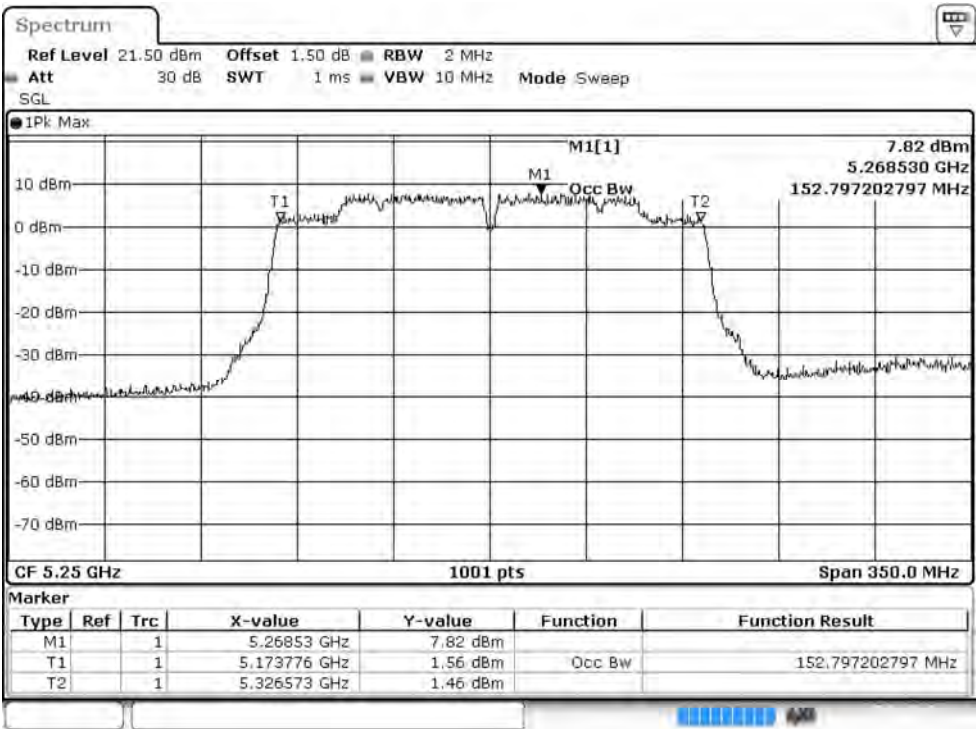
Cable loss=1.5dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		65	130	195	260	390	520	585	650	780	866.7
50 (U-NII-1)	5250	11.02	10.97	10.83	10.77	10.65	10.59	10.41	10.38	10.22	10.14
50 (U-NII-2A)	5250	10.96	10.83	10.74	10.69	10.53	10.47	10.32	10.29	10.16	10.08
114	5570	13.56	13.44	13.39	13.26	13.11	13.08	12.98	12.84	12.73	12.63

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

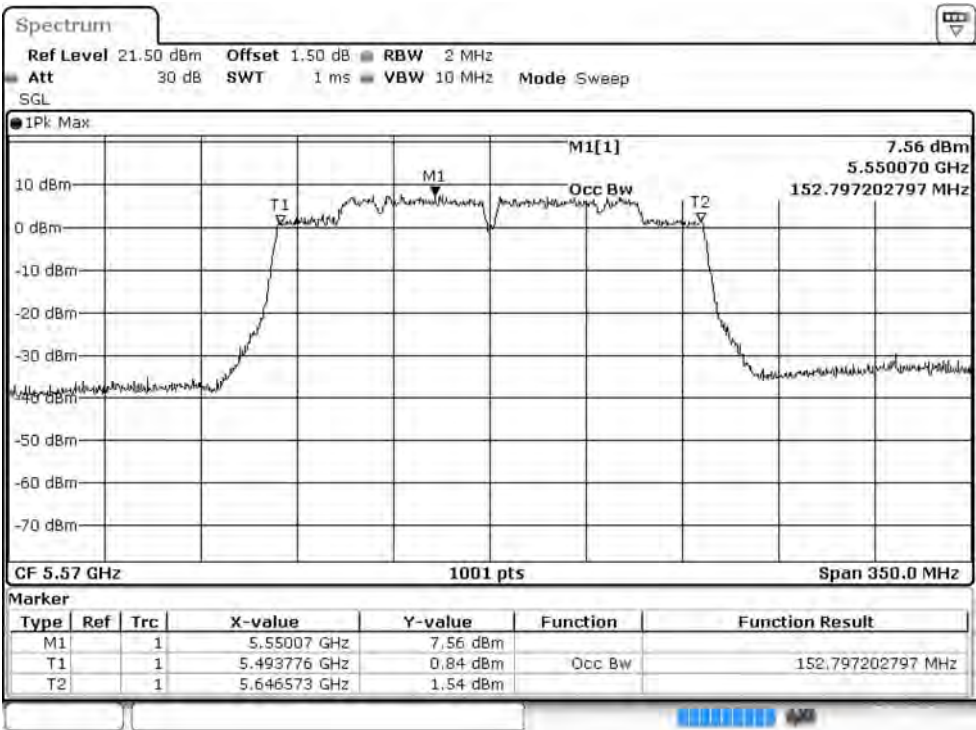
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
50 (U-NII-1)	5250	--	11.02	30	--
50 (U-NII-2A)	5250	76.399	10.96	24	29.83
114	5570	152.797	13.56	24	32.84

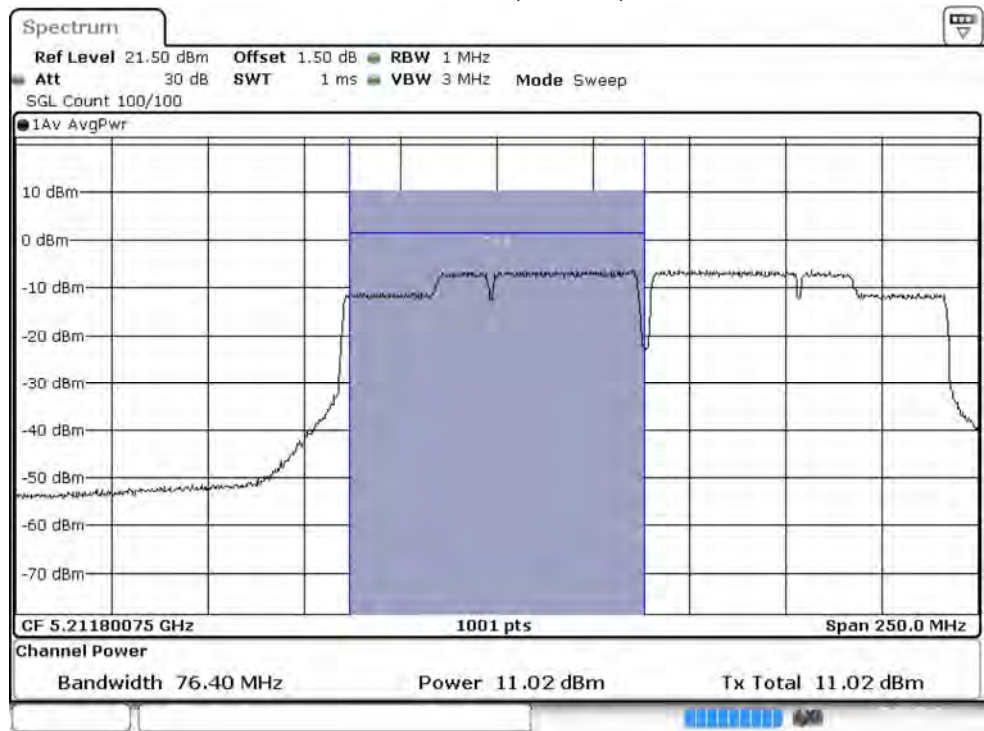
99% Occupied Bandwidth:
Channel 50



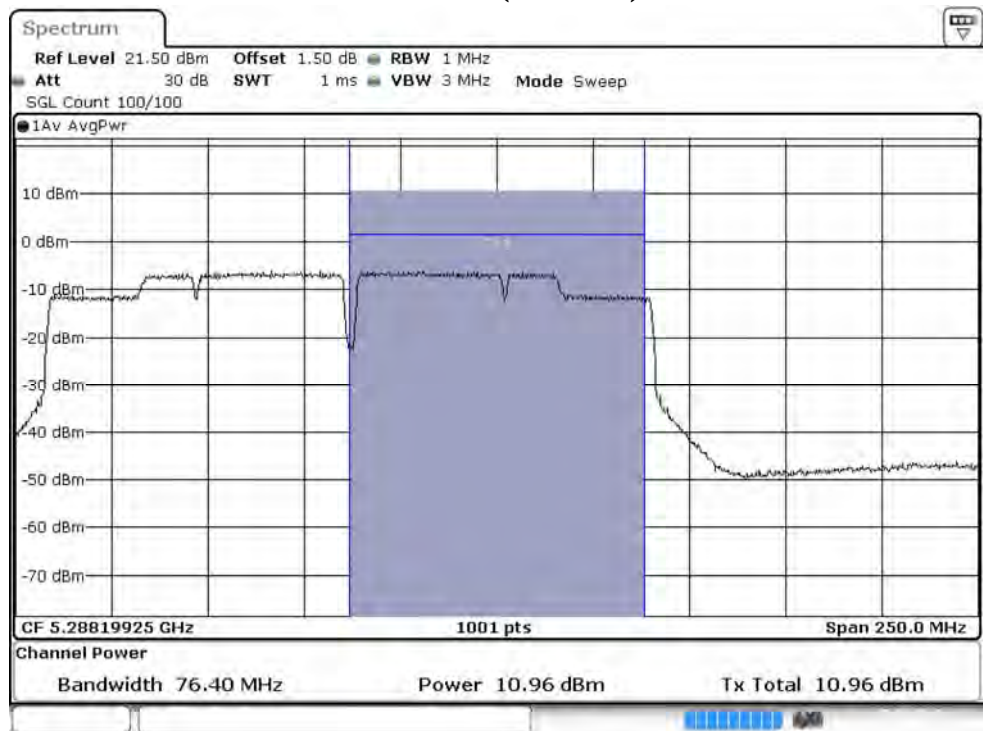
Channel 114



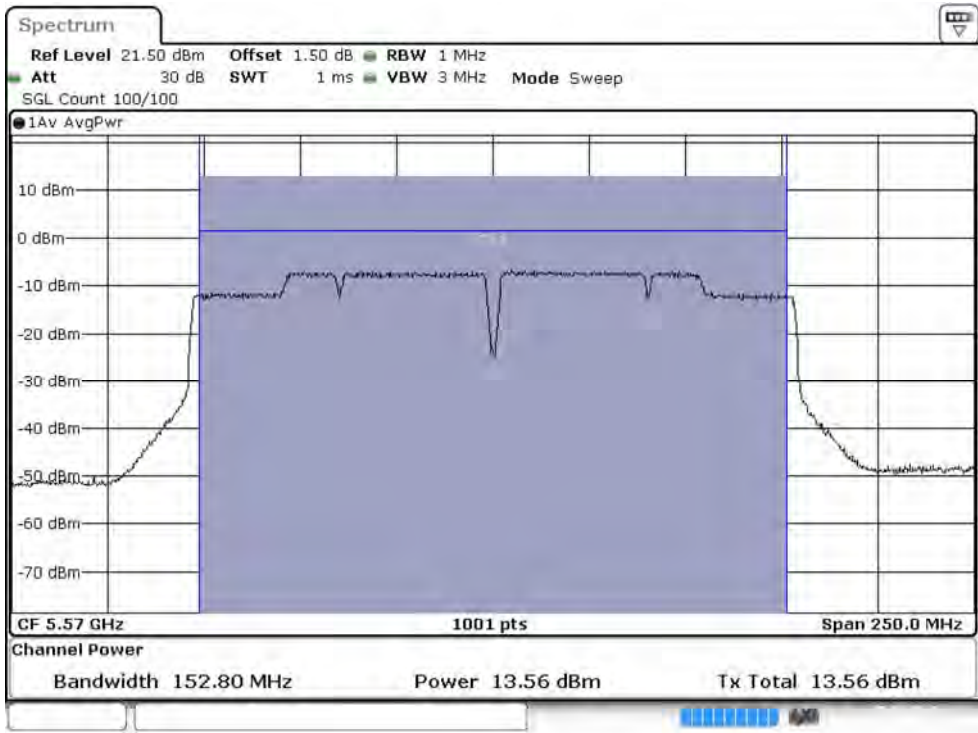
Maximum conducted output power:
Channel 50 (U-NII-1)



Maximum conducted output power:
Channel 50 (U-NII-2A)



Maximum conducted output power:
Channel 114



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11n-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Chain A

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4
36	5180	15.35	--	--	--	--	--	--	--
44	5220	17.77	17.62	17.54	17.43	17.38	17.26	17.14	17.05
48	5240	17.71	--	--	--	--	--	--	--
52	5260	17.74	--	--	--	--	--	--	--
60	5300	17.73	17.66	17.57	17.41	17.39	17.21	17.19	17.02
64	5320	14.81	--	--	--	--	--	--	--
100	5500	15.47	--	--	--	--	--	--	--
116	5580	17.81	17.72	17.63	17.58	17.42	17.31	17.22	17.15
140	5700	14.40	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.74	16.65	16.59	16.43	16.33	16.27	16.14	16.08
144(U-NII-3)	5720	11.12	11.07	10.95	10.84	10.74	10.66	10.52	10.42
149	5745	17.90	--	--	--	--	--	--	--
157	5785	17.81	17.76	17.69	17.54	17.43	17.35	17.29	17.11
165	5825	17.78	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4
36	5180	15.44	--	--	--	--	--	--	--
44	5220	17.95	17.82	17.75	17.64	17.53	17.42	17.31	17.29
48	5240	17.98	--	--	--	--	--	--	--
52	5260	17.99	--	--	--	--	--	--	--
60	5300	17.71	17.65	17.55	17.42	17.38	17.29	17.16	17.04
64	5320	14.84	--	--	--	--	--	--	--
100	5500	15.40	--	--	--	--	--	--	--
116	5580	17.98	17.88	17.73	17.61	17.55	17.47	17.39	17.25
140	5700	14.49	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.81	16.76	16.62	16.52	16.44	16.38	16.22	16.14
144(U-NII-3)	5720	11.32	11.24	11.17	11.05	10.93	10.86	10.75	10.63
149	5745	17.88	--	--	--	--	--	--	--
157	5785	17.92	17.83	17.71	17.64	17.58	17.49	17.32	17.27
165	5825	17.83	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

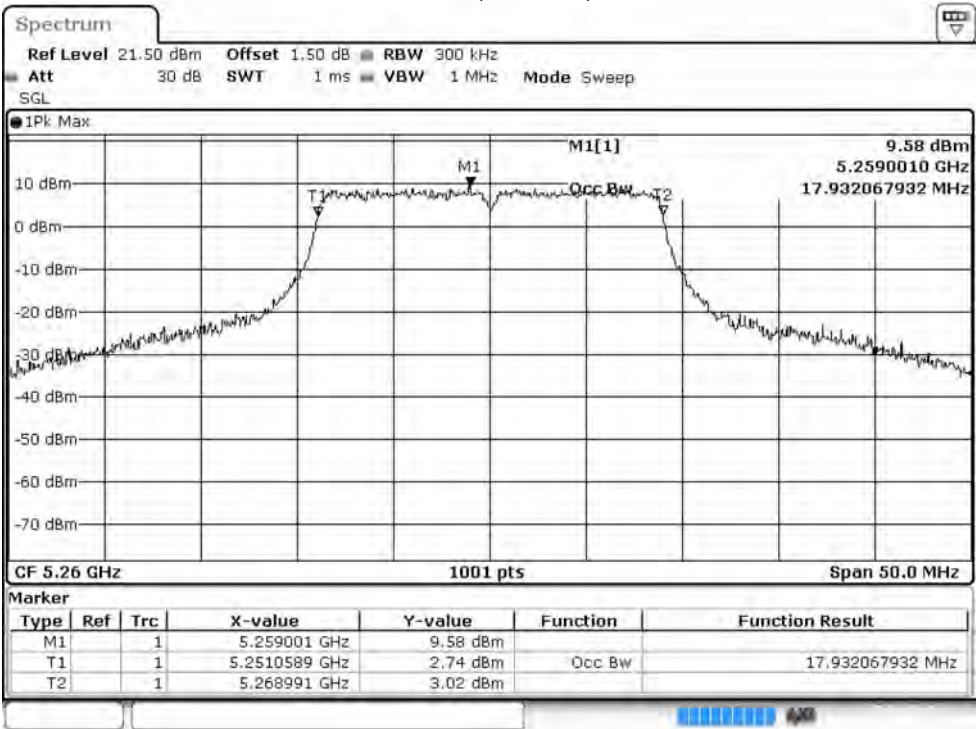
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
36	5180	--	15.35	15.44	18.41	30	--
44	5220	--	17.77	17.95	20.87	30	--
48	5240	--	17.71	17.98	20.86	30	--
52	5260	17.932	17.74	17.99	20.88	24	23.54
60	5300	17.882	17.73	17.71	20.73	24	23.52
64	5320	17.932	14.81	14.84	17.84	24	23.54
100	5500	17.932	15.47	15.40	18.45	24	23.54
116	5580	17.932	17.81	17.98	20.91	24	23.54
140	5700	17.932	14.40	14.49	17.46	24	23.54
144(U-NII-2C)	5720	14.066	16.74	16.81	19.79	24	22.48
144(U-NII-3)	5720	--	11.12	11.32	14.23	30	--
149	5745	--	17.90	17.88	20.90	30	--
157	5785	--	17.81	17.92	20.88	30	--
165	5825	--	17.78	17.83	20.82	30	--

Note:

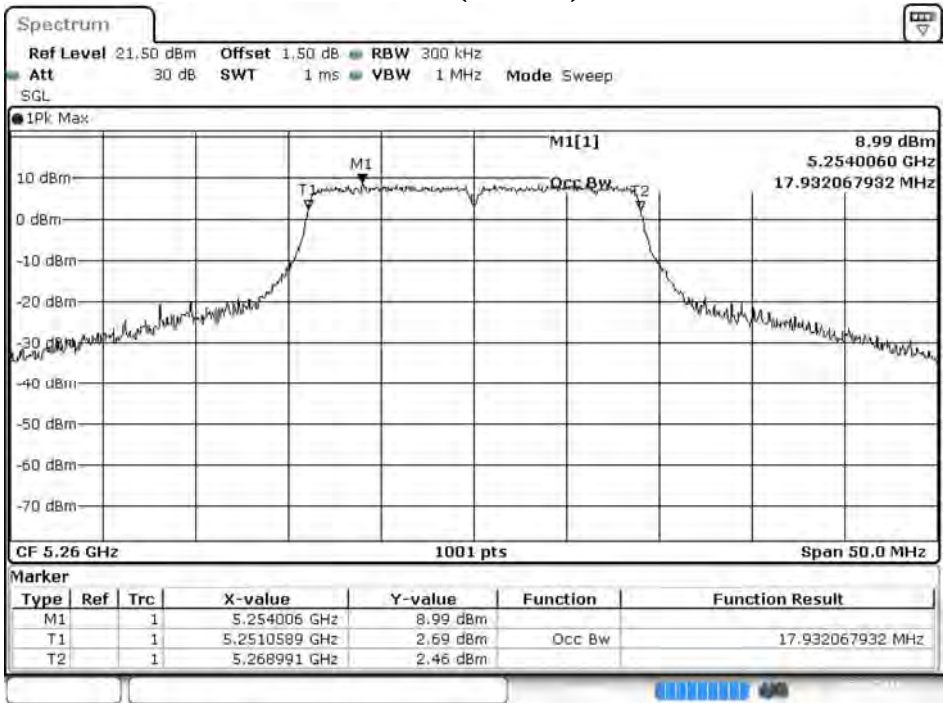
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:

Channel 52 (Chain A)

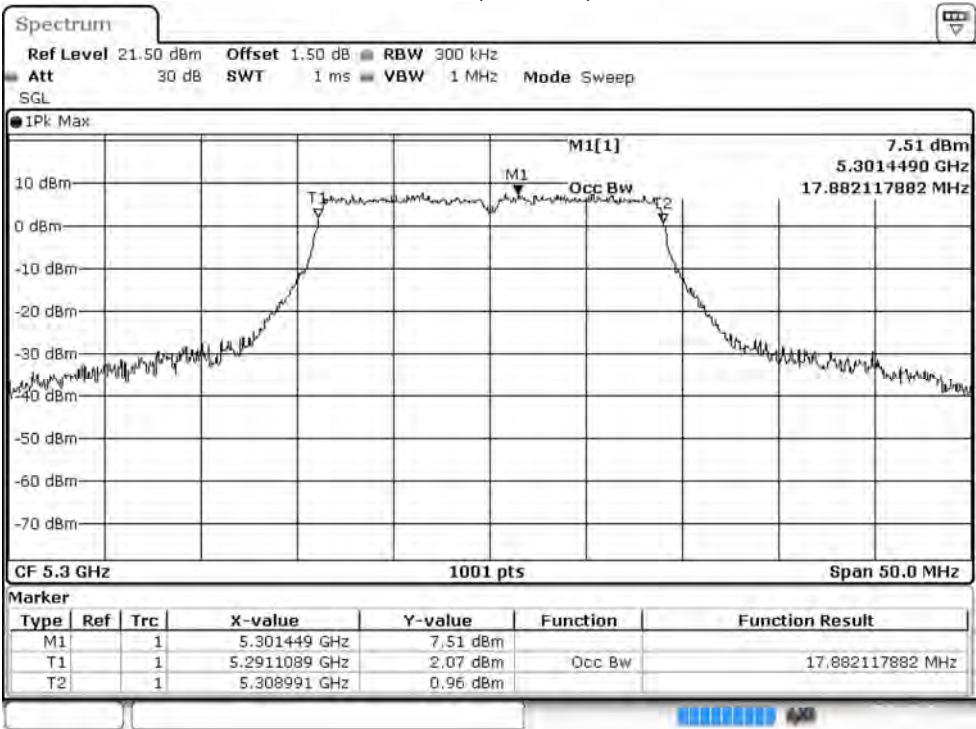


Channel 52 (Chain B)

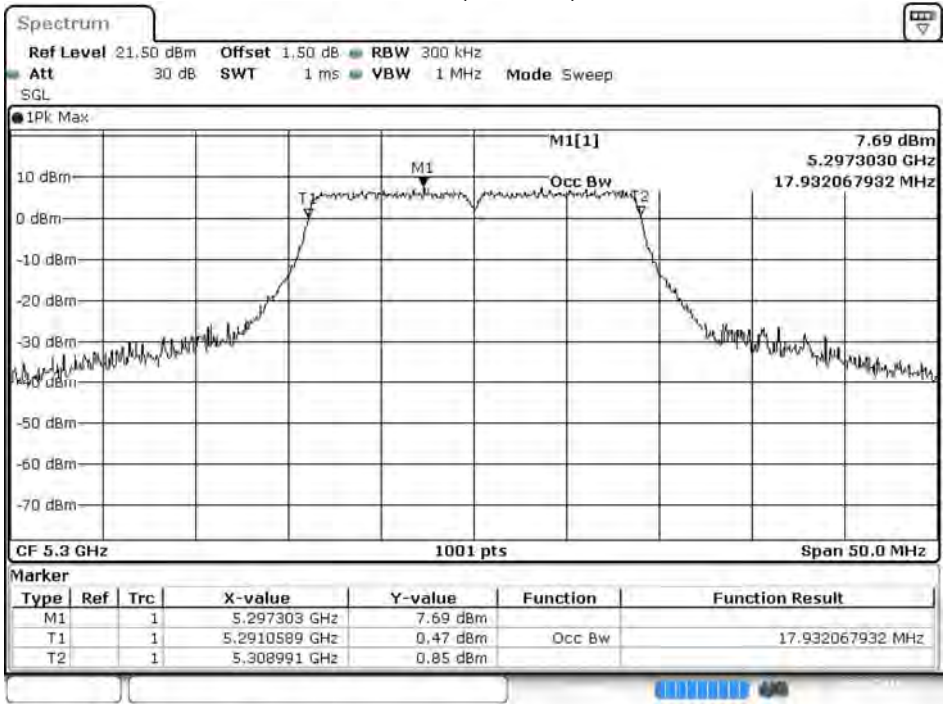


Date: 25.SEP.2018 16:00:31

Channel 60 (Chain A)

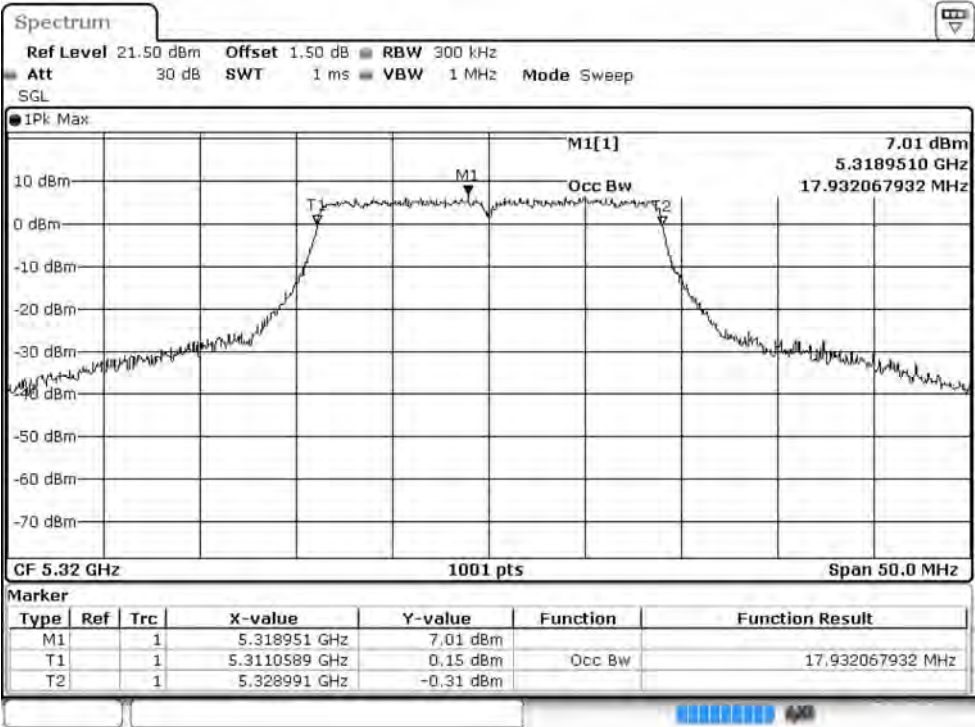


Channel 60 (Chain B)

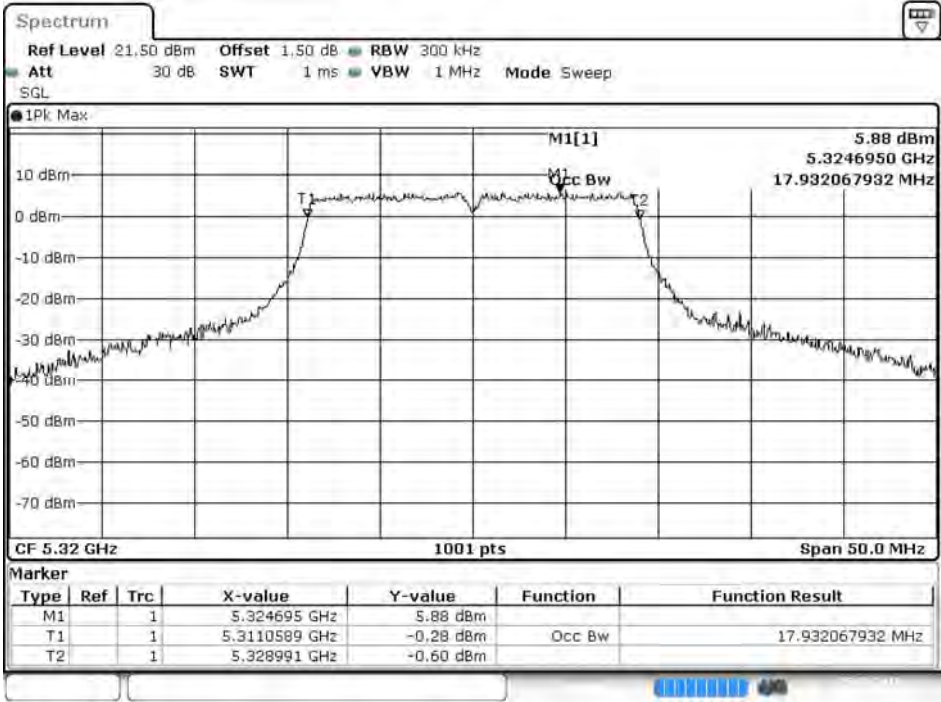


Date: 25.SEP.2018 16:03:47

Channel 64 (Chain A)

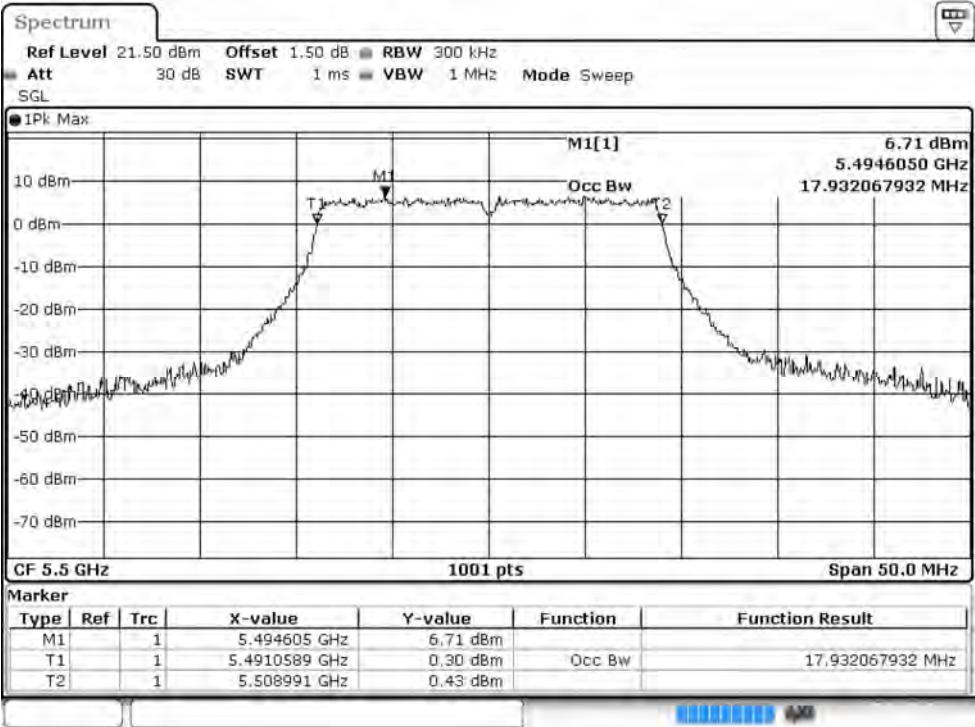


Channel 64 (Chain B)

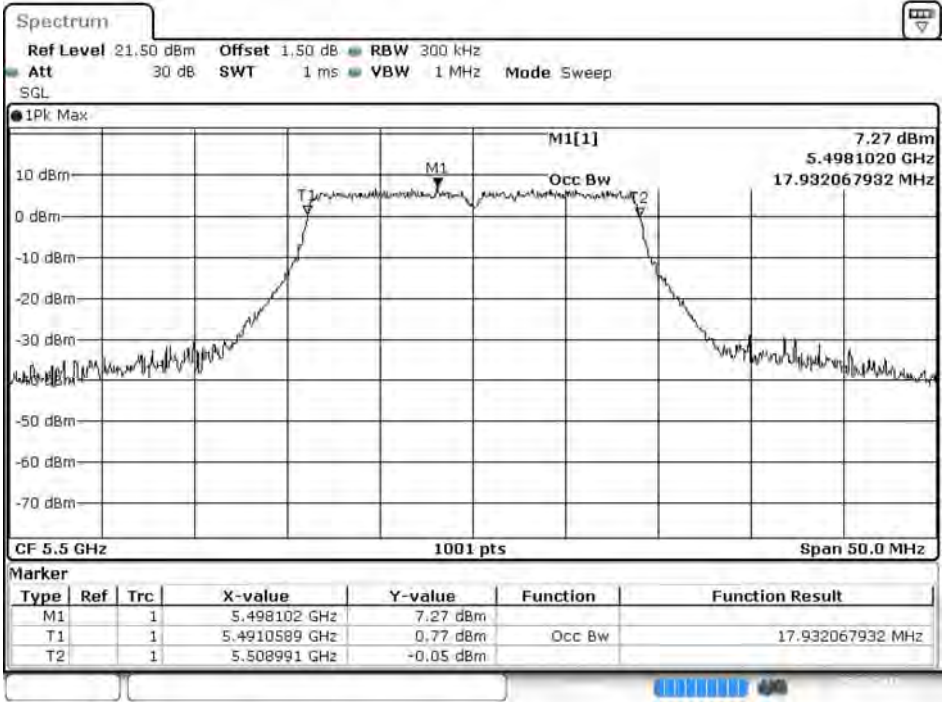


Date: 25.SEP.2018 16:08:59

Channel 100 (Chain A)

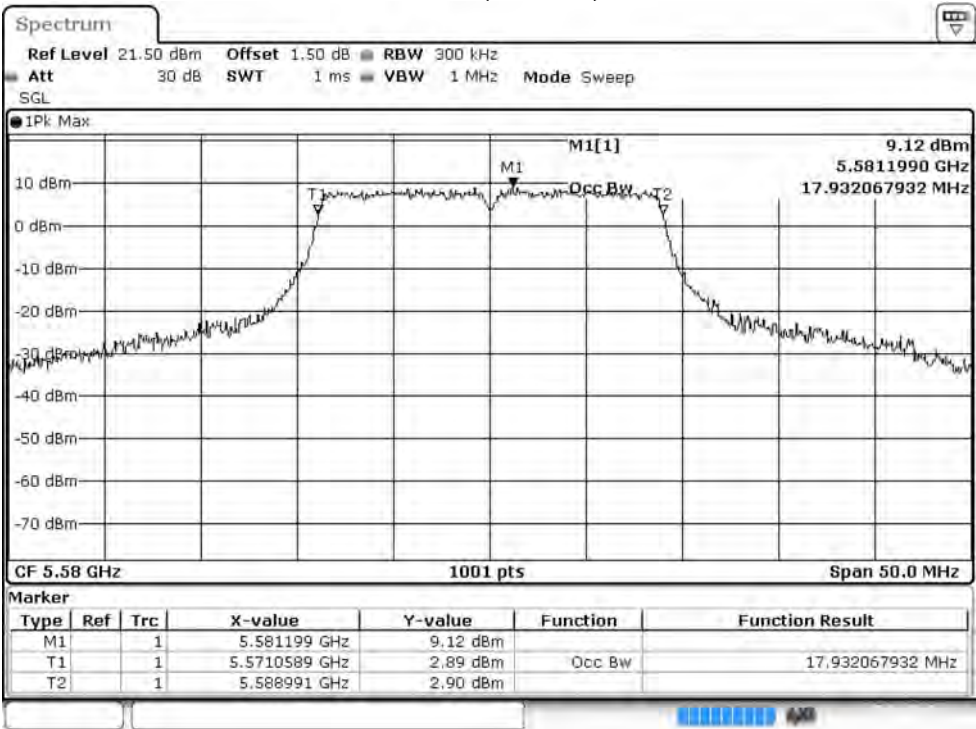


Channel 100 (Chain B)

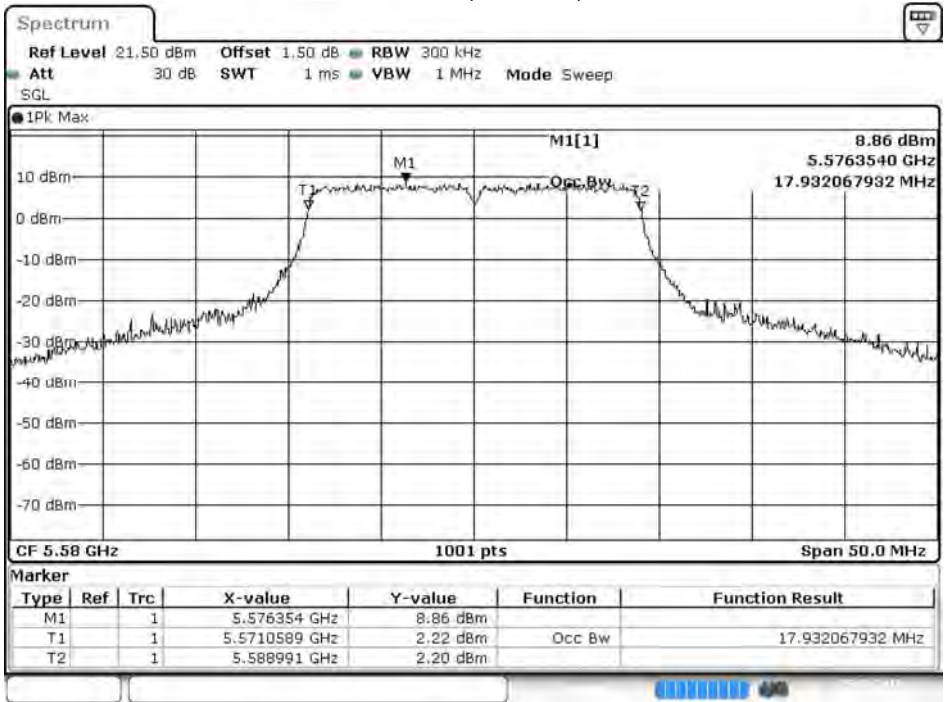


Date: 25.SEP.2018 16:10:28

Channel 116 (Chain A)

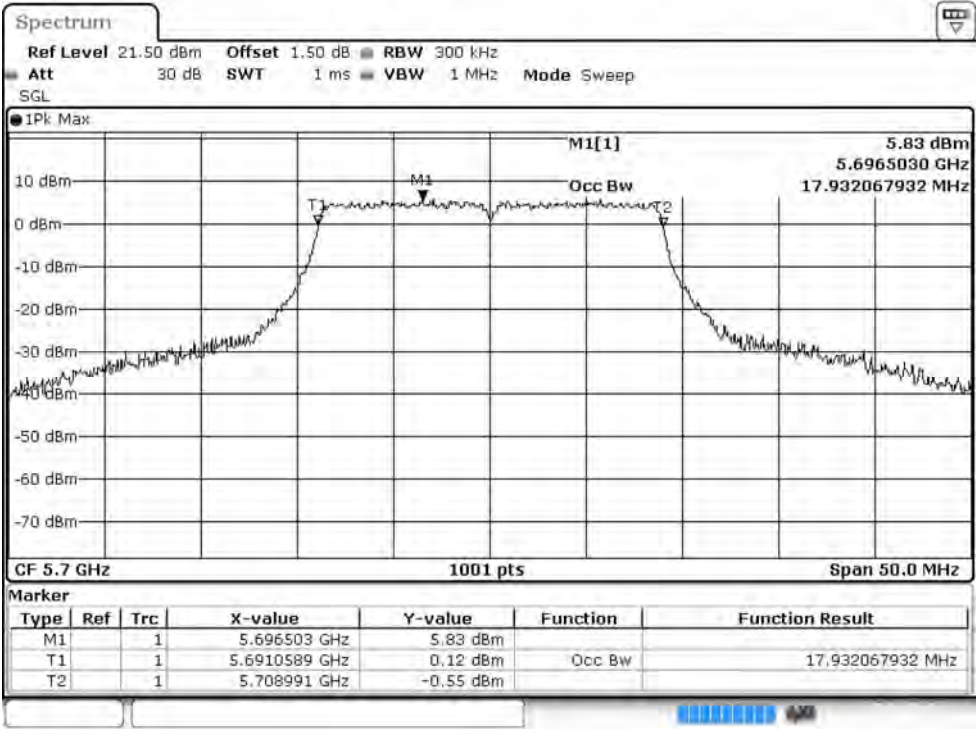


Channel 116 (Chain B)

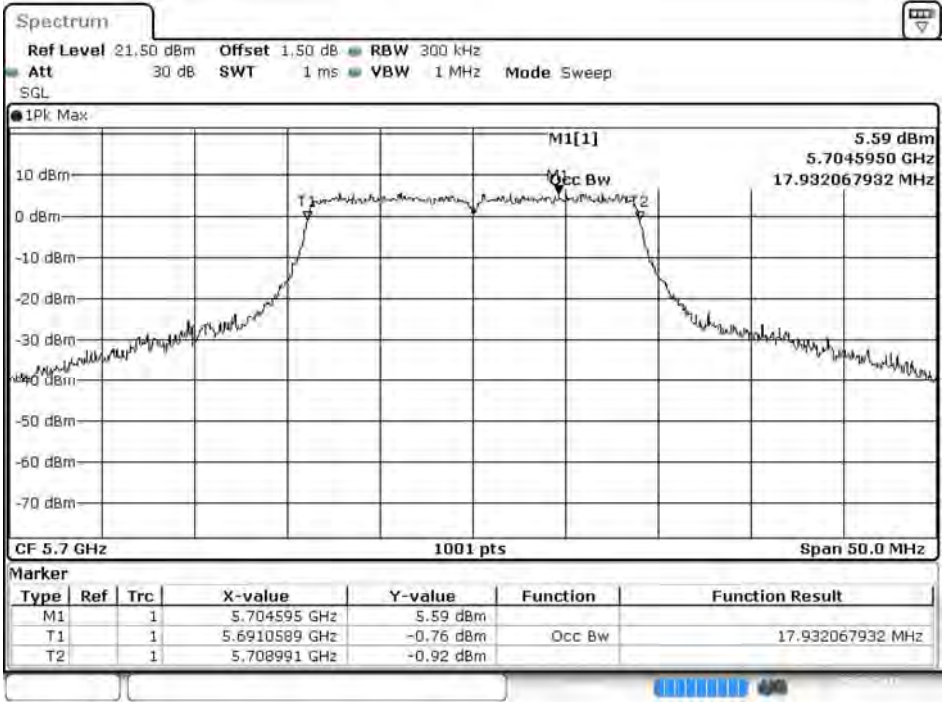


Date: 25.SEP.2018 16:13:43

Channel 140 (Chain A)

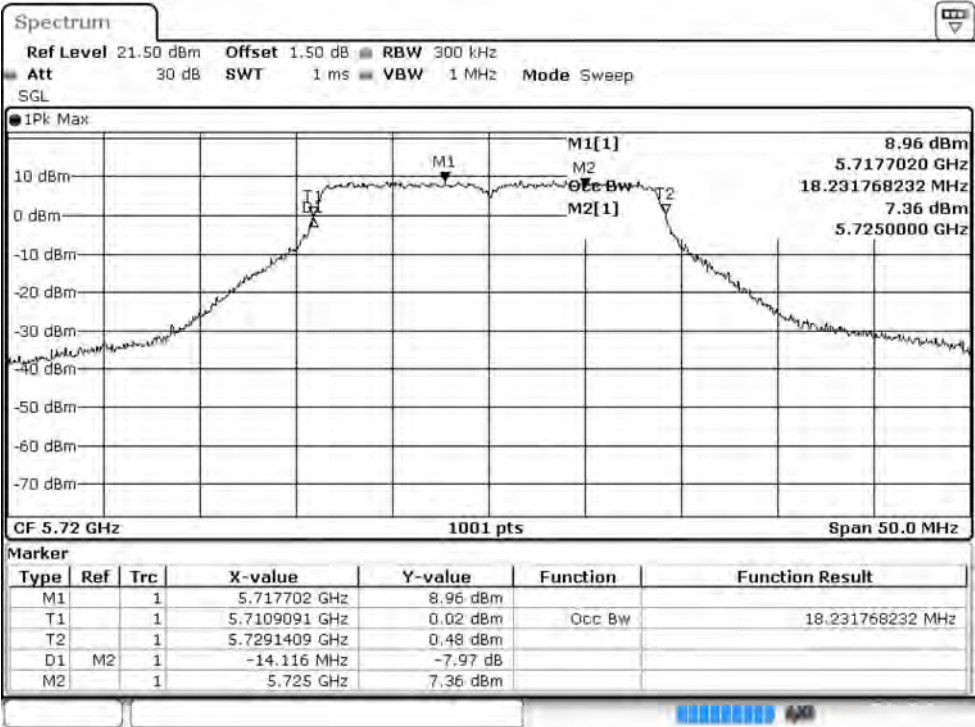


Channel 140 (Chain B)

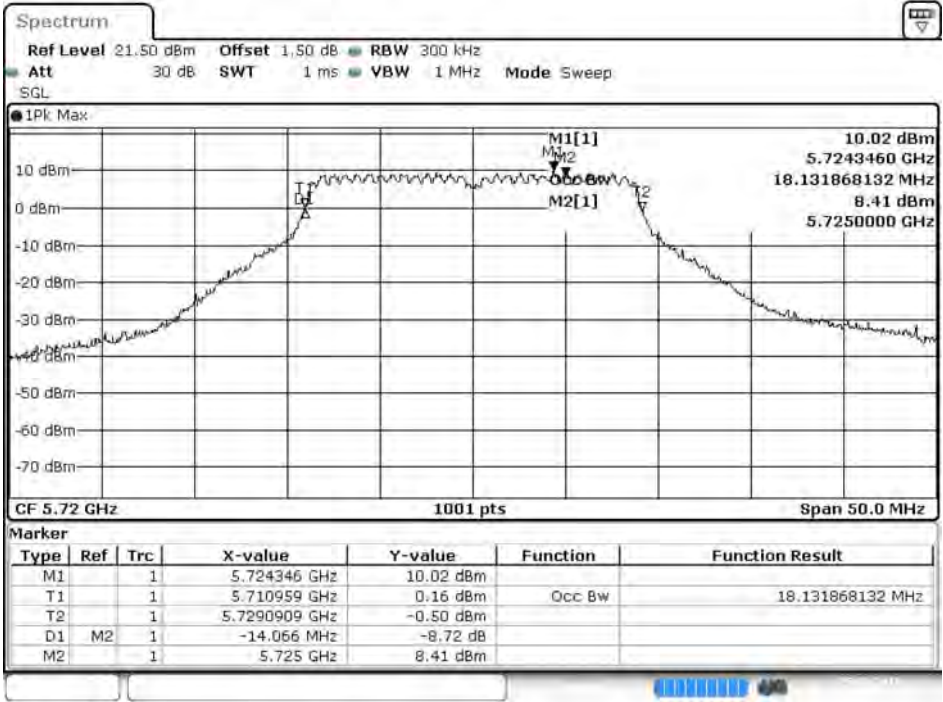


Date: 25.SEP.2018 16:17:20

Channel 144 (Chain A)

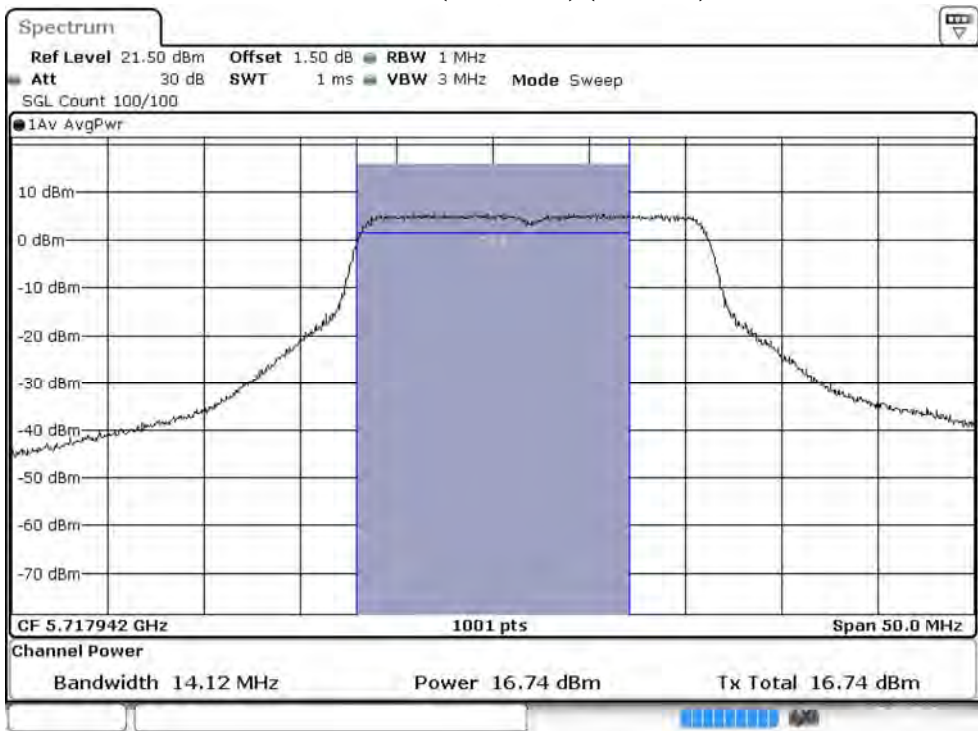


Channel 144 (Chain B)

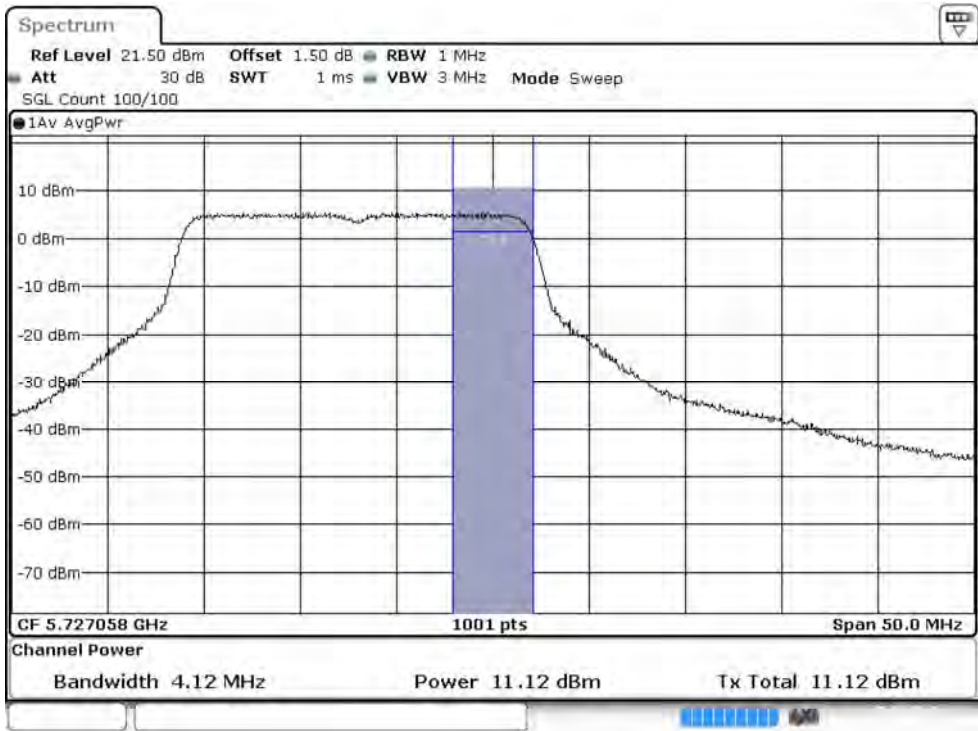


Date: 25.SEP.2018 15:20:51

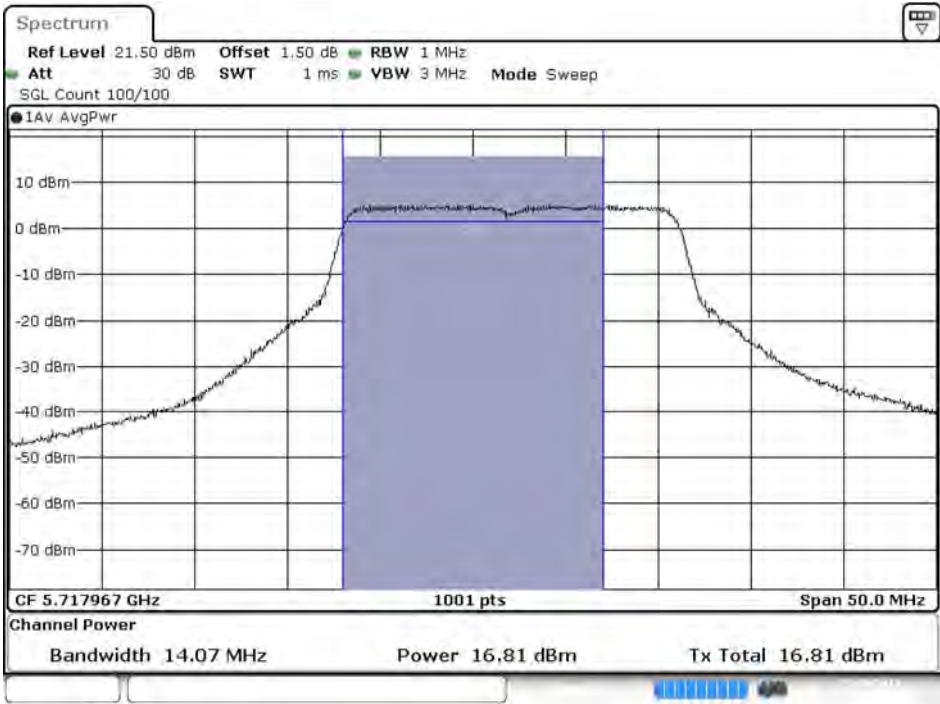
Maximum conducted output power:
Channel 144 (U-NII-2C) (Chain A)



Maximum conducted output power:
Channel 144 (U-NII-3) (Chain A)

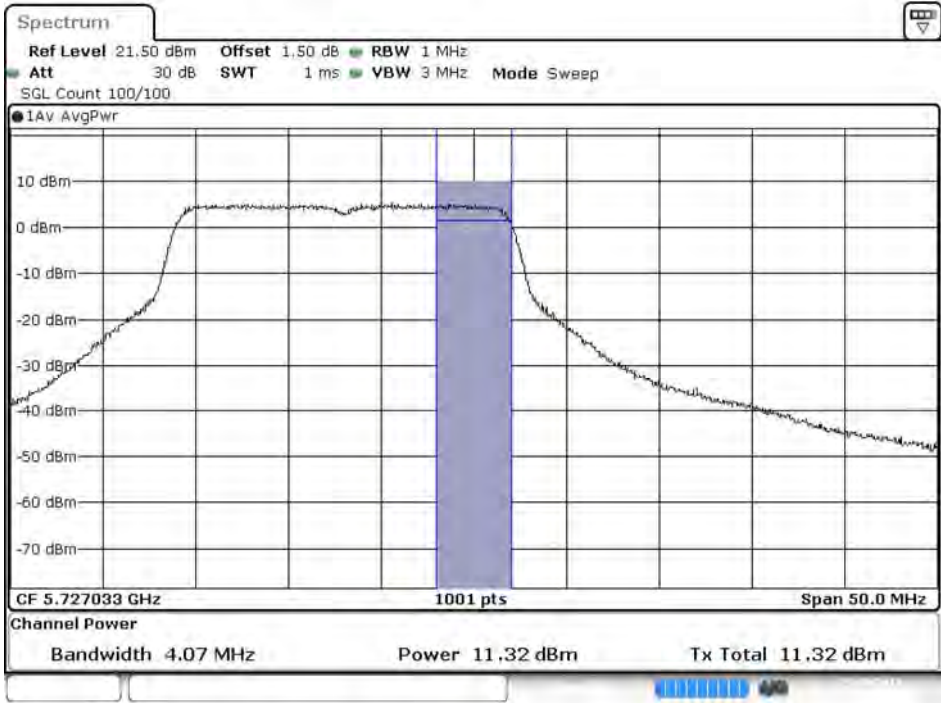


Maximum conducted output power:
Channel 144 (U-NII-2C) (Chain B)



Date: 25.SEP.2018 15:23:48

Maximum conducted output power:
Channel 144 (U-NII-3) (Chain B)



Date: 25.SEP.2018 15:24:10

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11n-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Chain A

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		30	60	90	120	180	240	270	300
38	5190	15.43	--	--	--	--	--	--	--
46	5230	17.94	17.86	17.73	17.61	17.59	17.42	17.33	17.29
54	5270	17.86	--	--	--	--	--	--	--
62	5310	13.96	13.81	13.76	13.64	13.52	13.49	13.35	13.22
102	5510	14.27	--	--	--	--	--	--	--
110	5550	17.90	17.85	17.74	17.69	17.51	17.44	17.39	17.27
134	5670	16.93	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.51	17.47	17.32	17.28	17.11	17.05	16.98	16.83
142(U-NII-3)	5710	7.41	7.36	7.24	7.16	7.07	6.99	6.85	6.74
151	5755	17.75	--	--	--	--	--	--	--
159	5795	17.95	17.87	17.72	17.68	17.55	17.41	17.38	17.24

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1.5dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		30	60	90	120	180	240	270	300
38	5190	15.32	--	--	--	--	--	--	--
46	5230	17.94	17.87	17.76	17.61	17.53	17.48	17.39	17.28
54	5270	17.95	--	--	--	--	--	--	--
62	5310	13.84	13.75	13.62	13.51	13.47	13.35	13.28	13.16
102	5510	14.46	--	--	--	--	--	--	--
110	5550	17.98	17.83	17.74	17.62	17.54	17.41	17.38	17.26
134	5670	16.93	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.32	17.27	17.16	17.03	16.97	16.83	16.74	16.66
142(U-NII-3)	5710	7.28	7.17	7.09	6.97	6.85	6.74	6.66	6.52
151	5755	17.80	--	--	--	--	--	--	--
159	5795	17.95	17.88	17.71	17.68	17.55	17.42	17.36	17.29

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

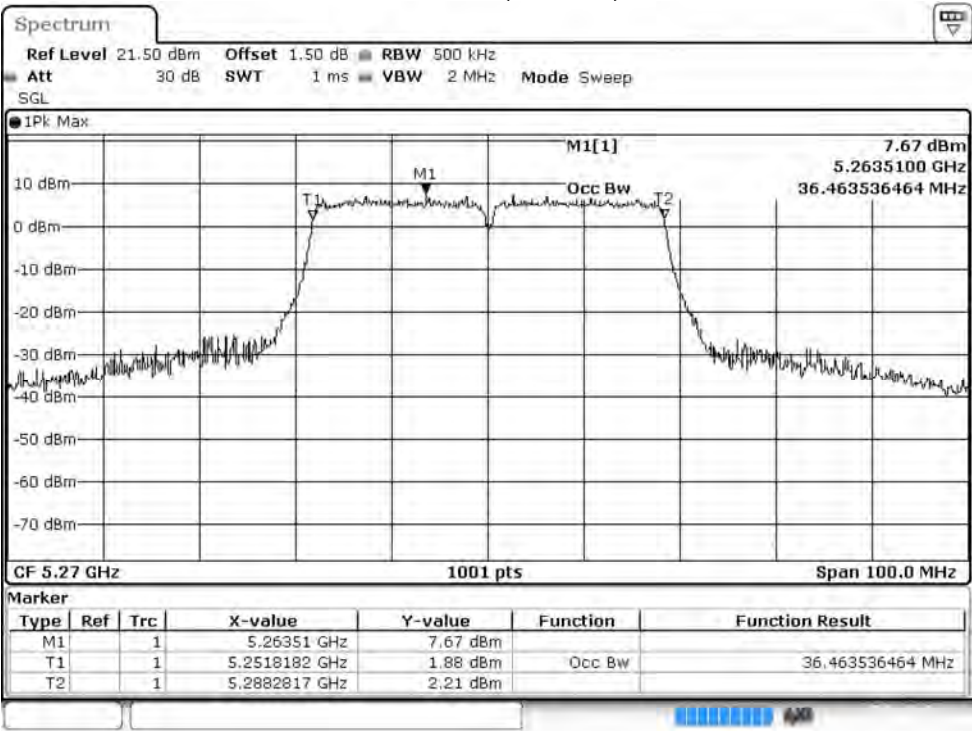
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
38	5190	--	15.43	15.32	18.39	30	--
46	5230	--	17.94	17.94	20.95	30	--
54	5270	36.464	17.86	17.95	20.92	24	26.62
62	5310	36.364	13.96	13.84	16.91	24	26.61
102	5510	36.464	14.27	14.46	17.38	24	26.62
110	5550	36.464	17.90	17.98	20.95	24	26.62
134	5670	36.464	16.93	16.93	19.94	24	26.62
142(U-NII-2C)	5710	39.302	17.51	17.32	20.43	24	26.94
142(U-NII-3)	5710	--	7.41	7.28	10.36	30	--
151	5755	--	17.75	17.80	20.79	30	--
159	5795	--	17.95	17.95	20.96	30	--

Note:

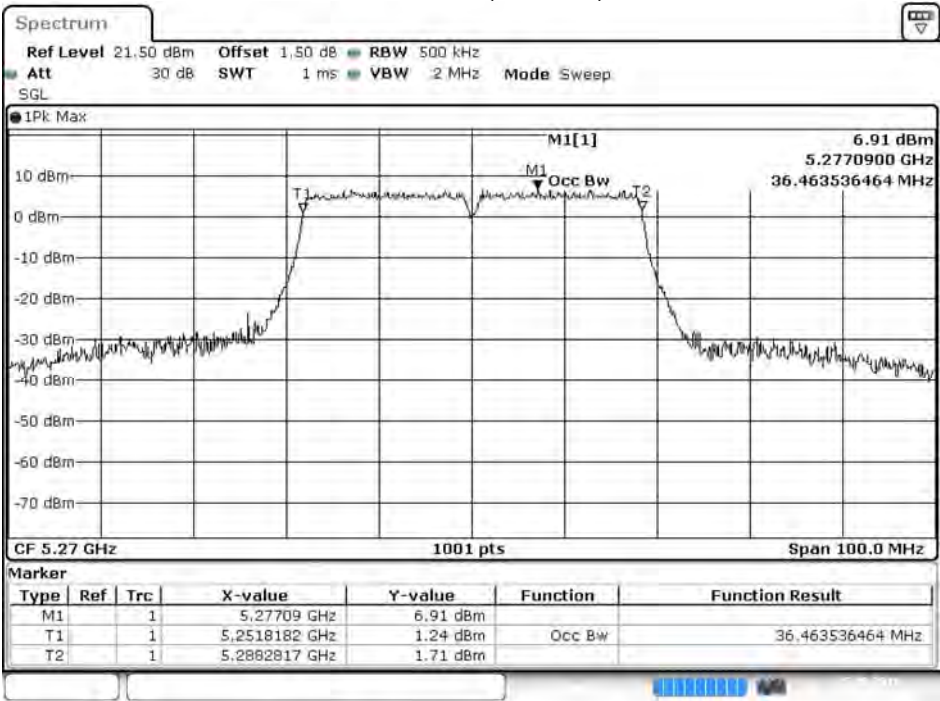
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:

Channel 54 (Chain A)

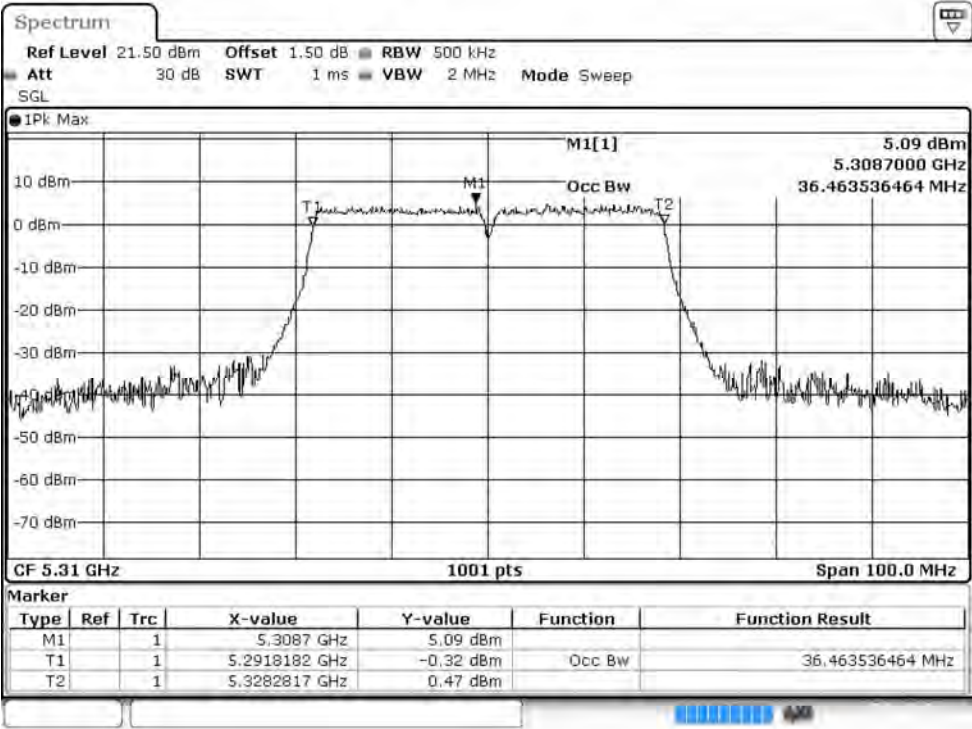


Channel 54 (Chain B)

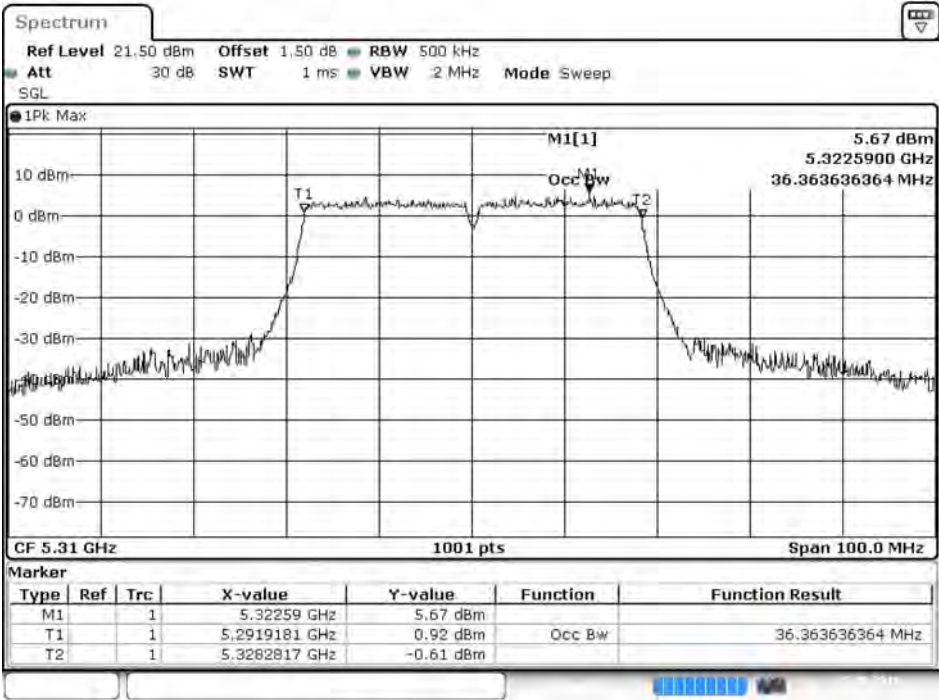


Date: 25.SEP.2018 16:29:33

Channel 62 (Chain A)

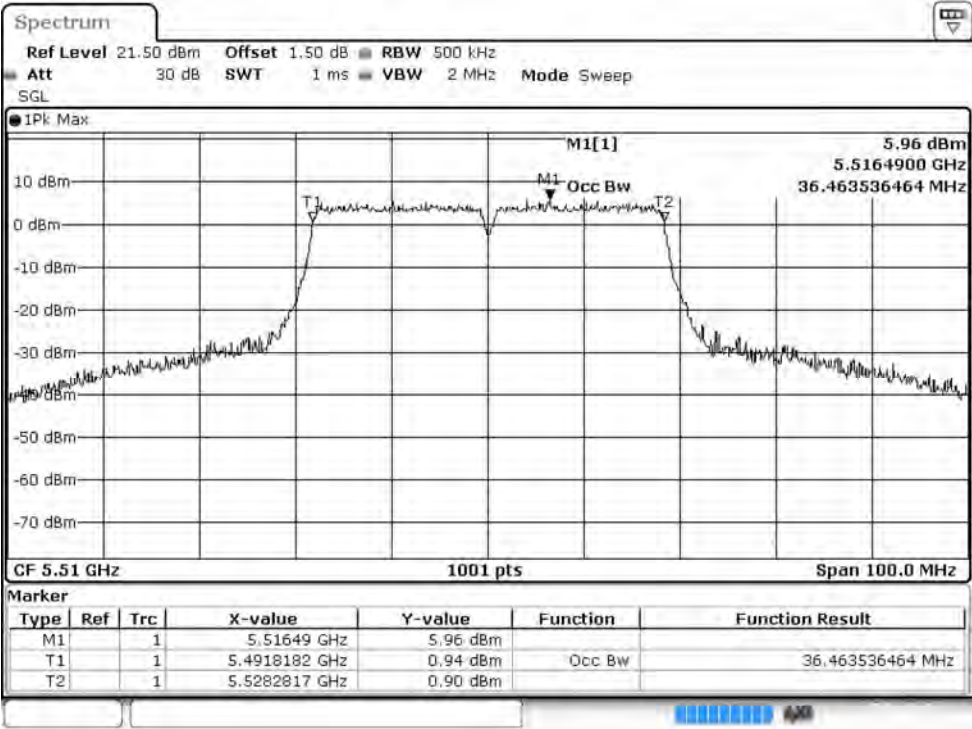


Channel 62 (Chain B)

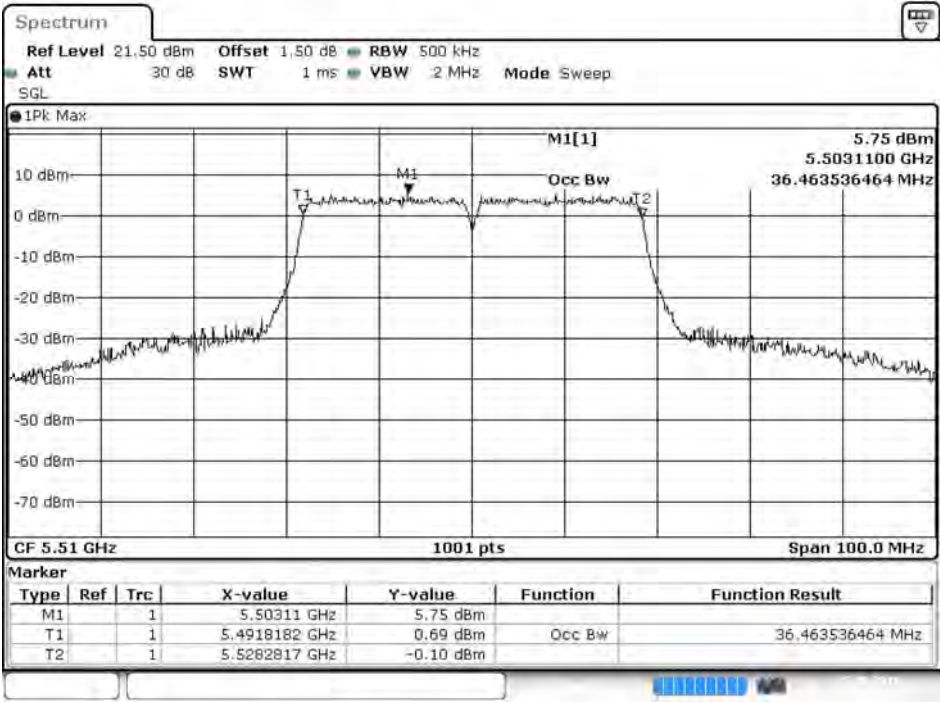


Date: 25.SEP.2018 16:32:29

Channel 102 (Chain A)

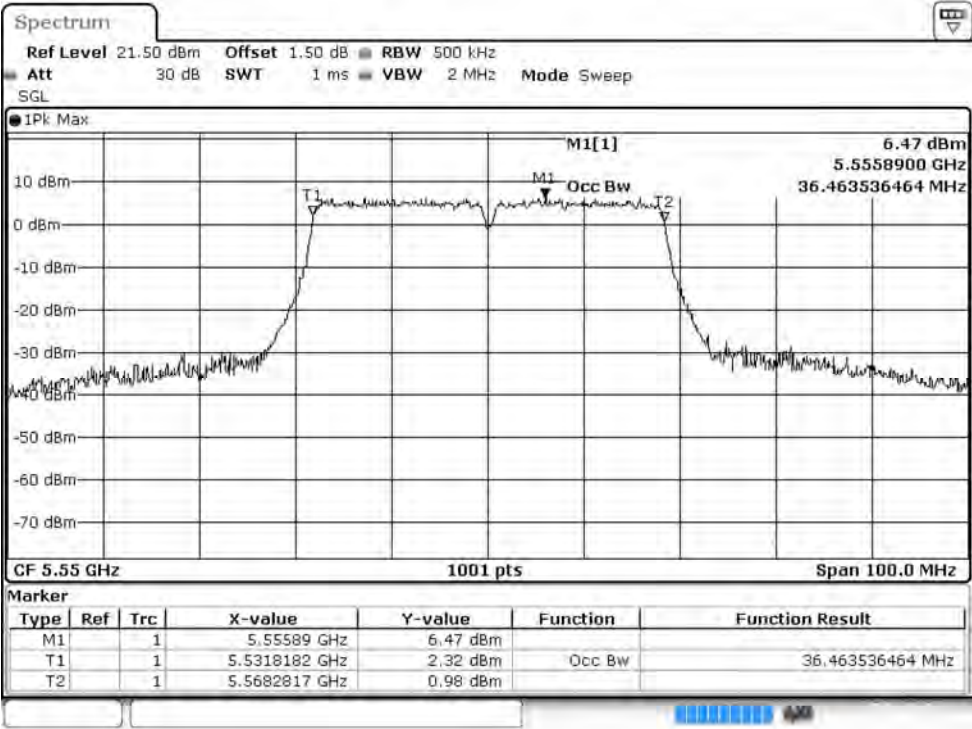


Channel 102 (Chain B)

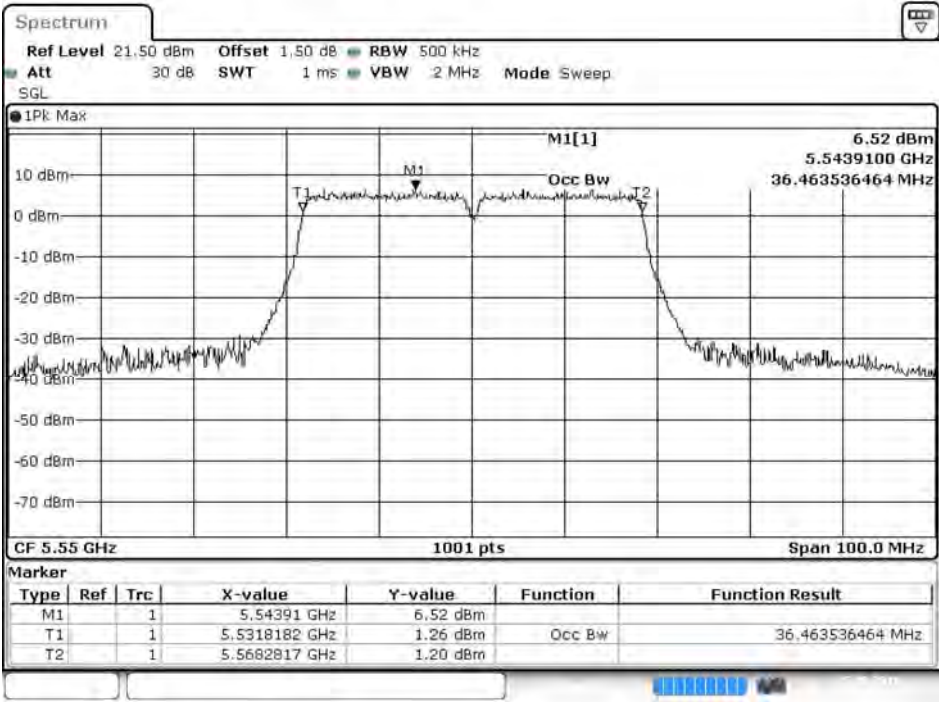


Date: 25.SEP.2018 16:35:52

Channel 110 (Chain A)

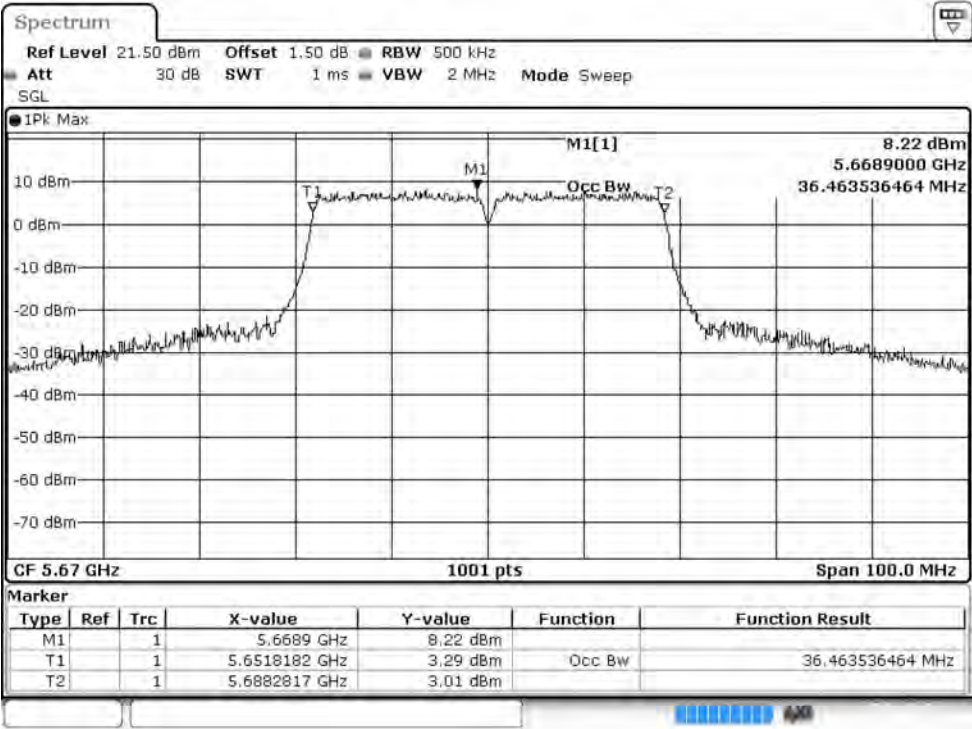


Channel 110 (Chain B)

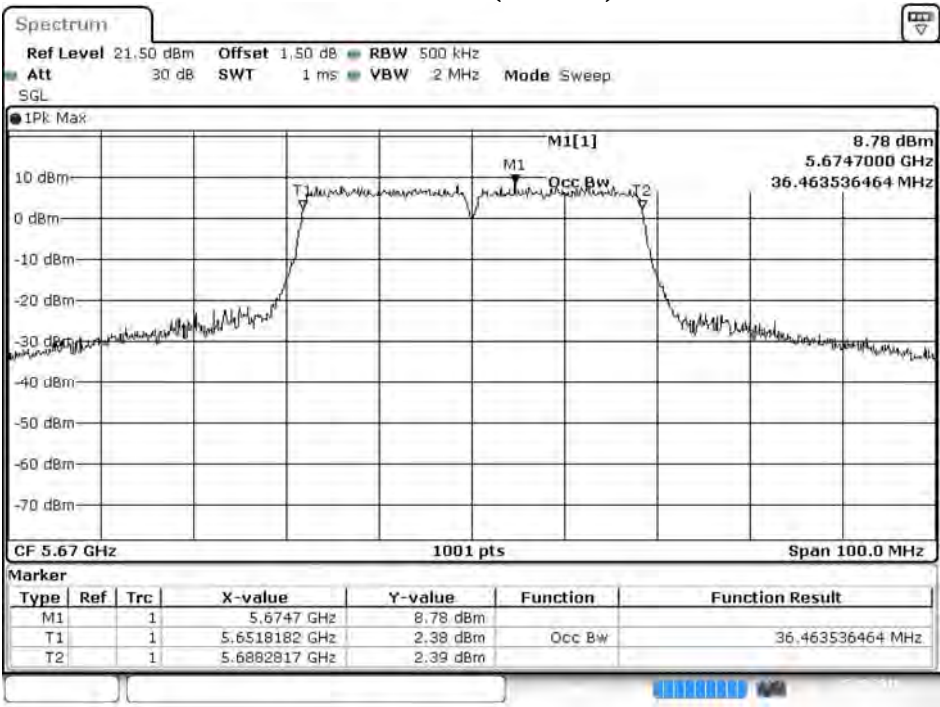


Date: 25.SEP.2018 16:39:12

Channel 134 (Chain A)

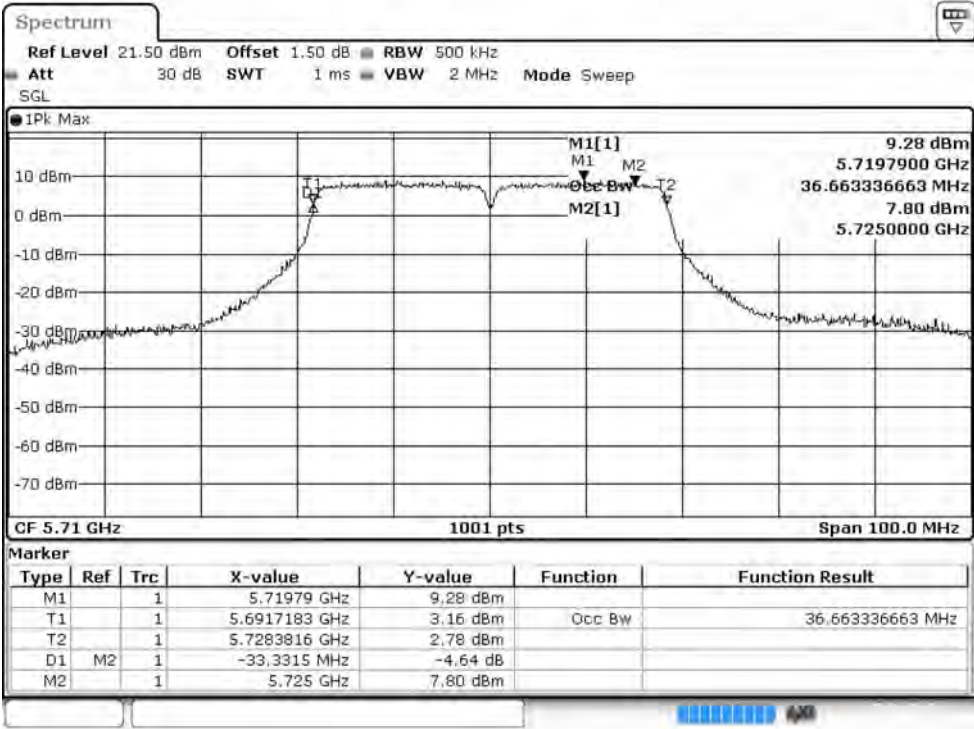


Channel 134 (Chain B)

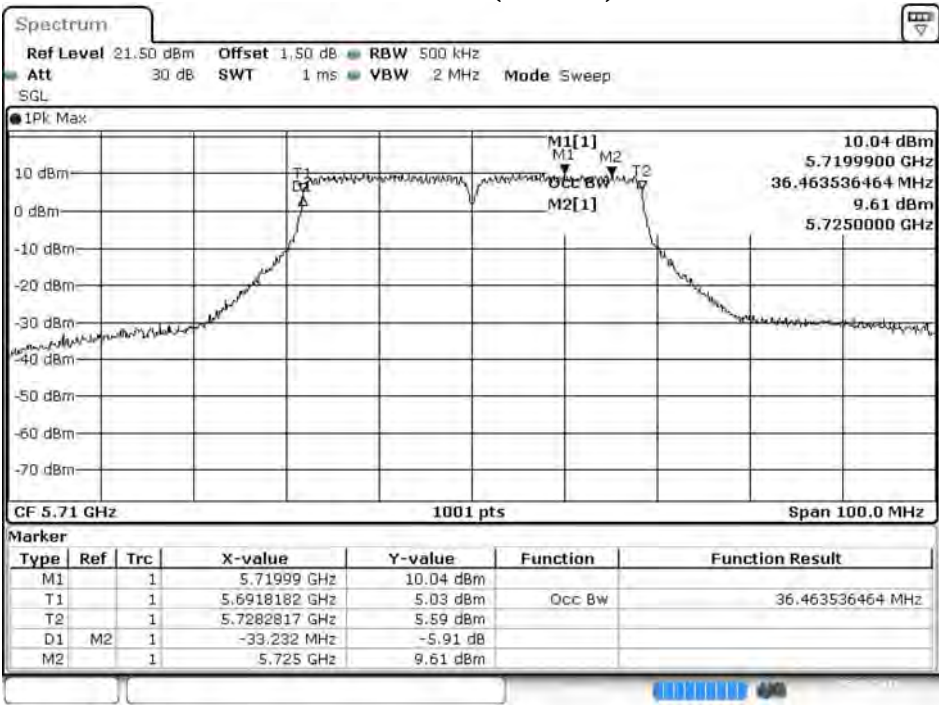


Date: 25.SEP.2018 16:42:12

Channel 142 (Chain A)

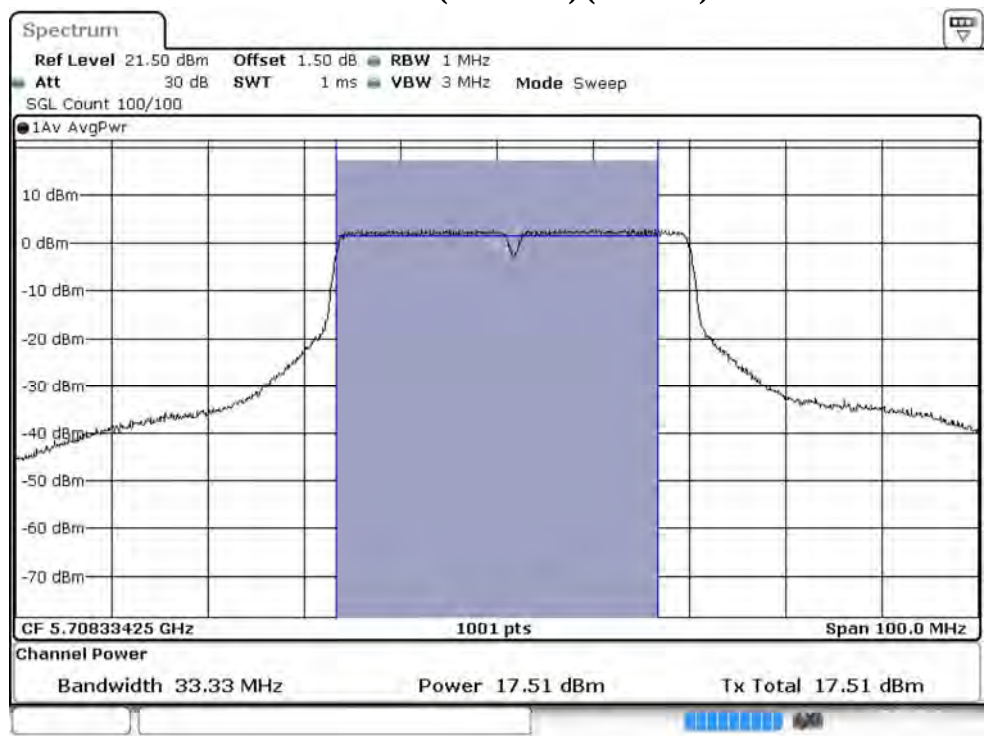


Channel 142 (Chain B)

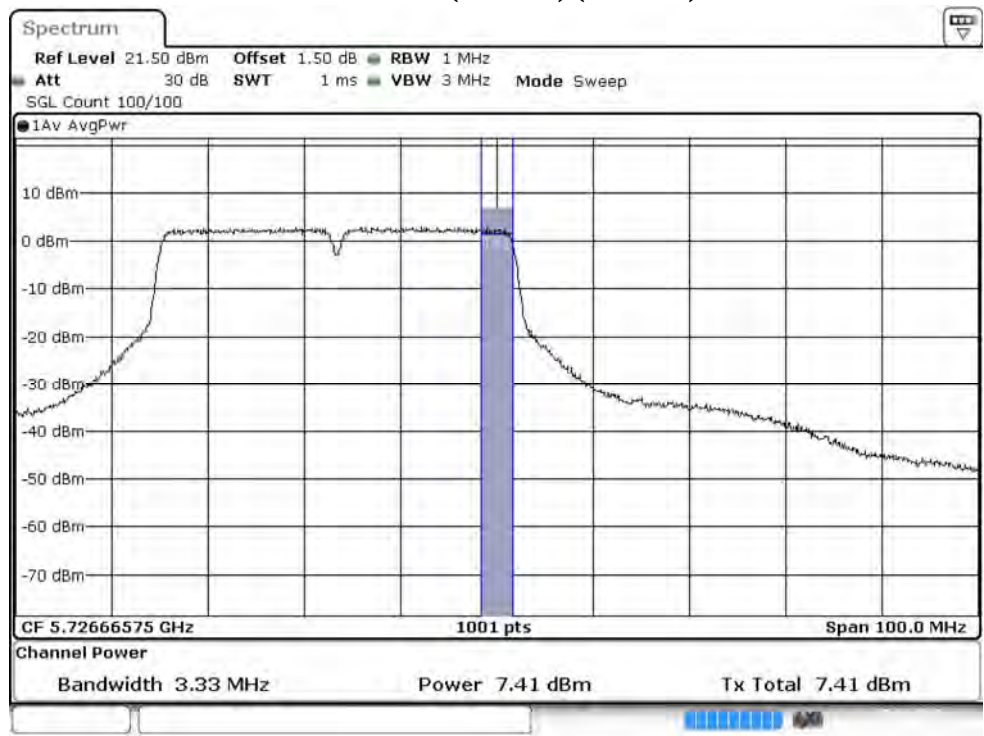


Date: 25.SEP.2018 15:25:21

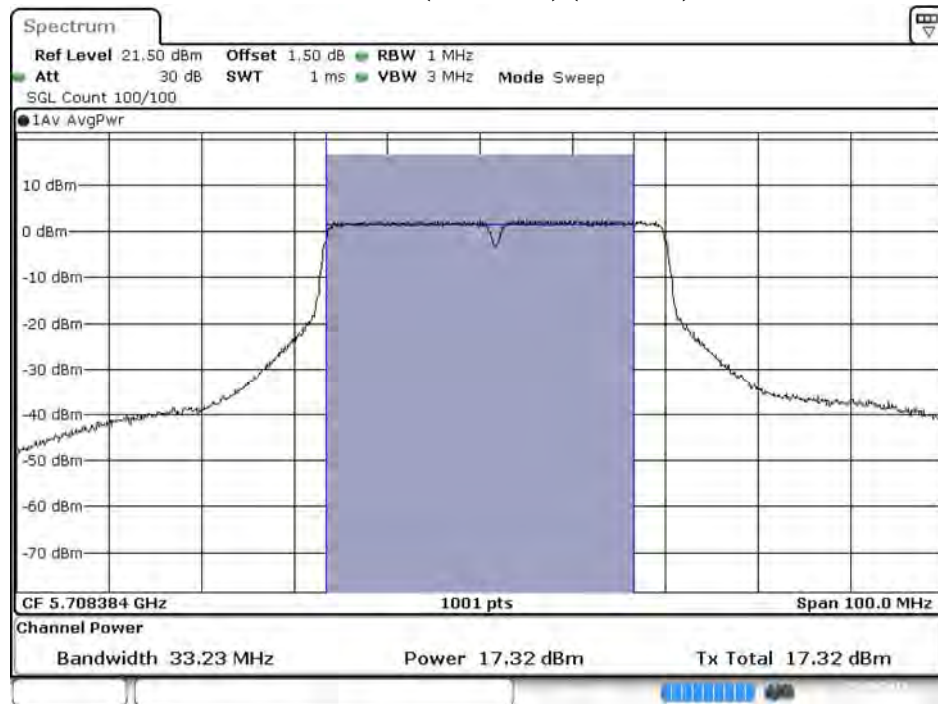
Maximum conducted output power:
Channel 142(U-NII-2C) (Chain A)



Maximum conducted output power:
Channel 142(U-NII-3) (Chain A)

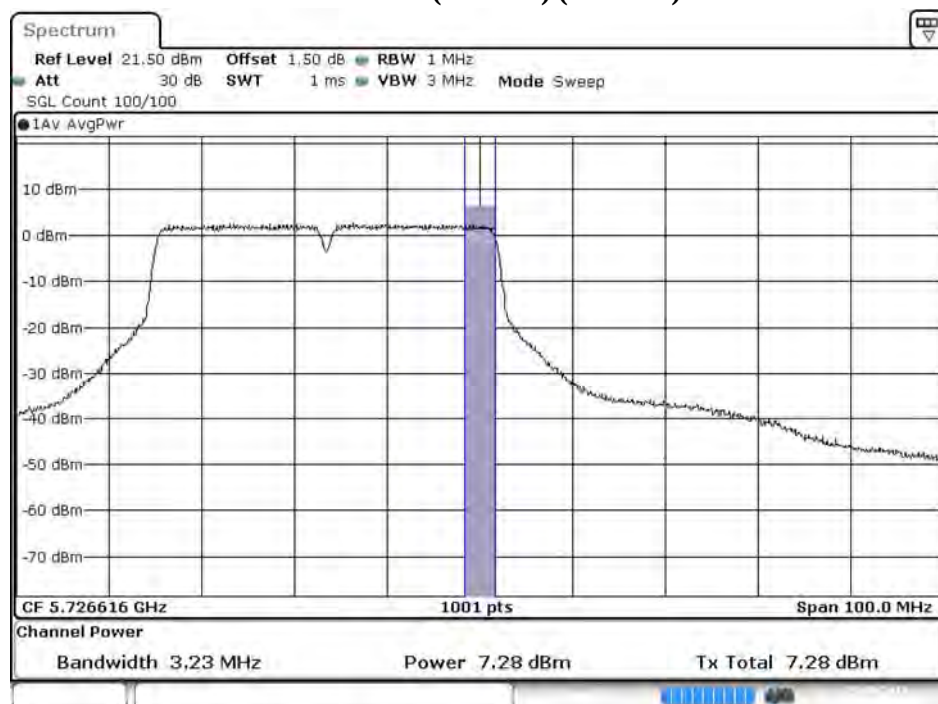


**Maximum conducted output power:
Channel 142(U-NII-2C) (Chain B)**



Date: 25.SEP.2018 15:28:18

**Maximum conducted output power:
Channel 142(U-NII-3) (Chain B)**



Date: 25.SEP.2018 15:28:40

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11ac-80BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 27 日

環境濕度：53 %

Chain A

Cable loss=1.5dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		65	130	1965	260	390	520	585	650	780	866.7
42	5210	14.97	14.84	14.76	14.63	14.51	14.47	14.38	14.25	14.17	14.06
58	5290	14.08	13.98	13.84	13.76	13.62	13.55	13.41	13.37	13.24	13.11
106	5530	15.26	--	--	--	--	--	--	--	--	--
122	5610	17.78	17.65	17.55	17.47	17.31	17.28	17.14	17.08	16.97	16.86
138 (U-NII-2C)	5690	17.79	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	1.48	--	--	--	--	--	--	--	--	--
155	5775	15.73	15.66	15.54	15.43	15.32	15.25	15.19	15.04	14.93	14.85

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1.5dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		65	130	1965	260	390	520	585	650	780	866.7
42	5210	15.04	14.97	14.86	14.75	14.66	14.52	14.41	14.38	14.26	14.19
58	5290	14.00	13.96	13.84	13.76	13.63	13.57	13.44	13.35	13.21	13.17
106	5530	15.29	--	--	--	--	--	--	--	--	--
122	5610	17.97	17.86	17.75	17.66	17.52	17.49	17.31	17.26	17.14	17.04
138 (U-NII-2C)	5690	17.72	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	1.52	--	--	--	--	--	--	--	--	--
155	5775	15.76	15.66	15.53	15.42	15.38	15.24	15.19	15.07	14.93	14.86

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

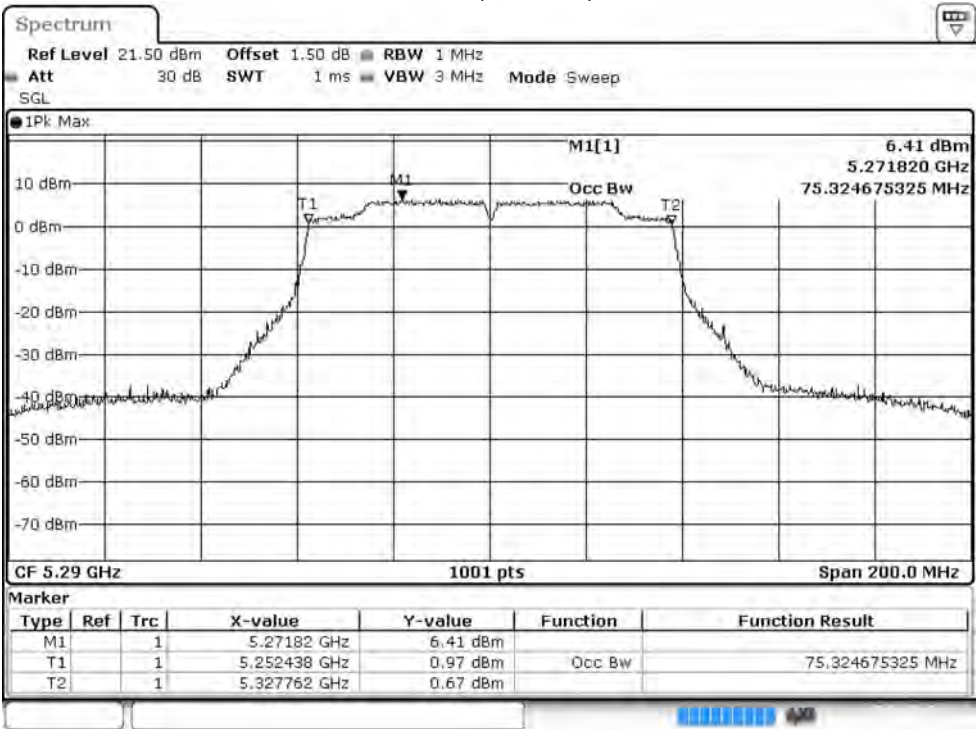
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
42	5210	--	14.97	15.04	18.02	30	--
58	5290	75.125	14.08	14.00	17.05	24	29.76
106	5530	74.925	15.26	15.29	18.29	24	29.75
122	5610	75.125	17.78	17.97	20.89	24	29.76
138 (U-NII-2C)	5690	72.562	17.79	17.72	20.77	24	29.61
138 (U-NII-3)	5690	--	1.48	1.52	4.51	30	--
155	5775	--	15.73	15.76	18.76	30	--

Note:

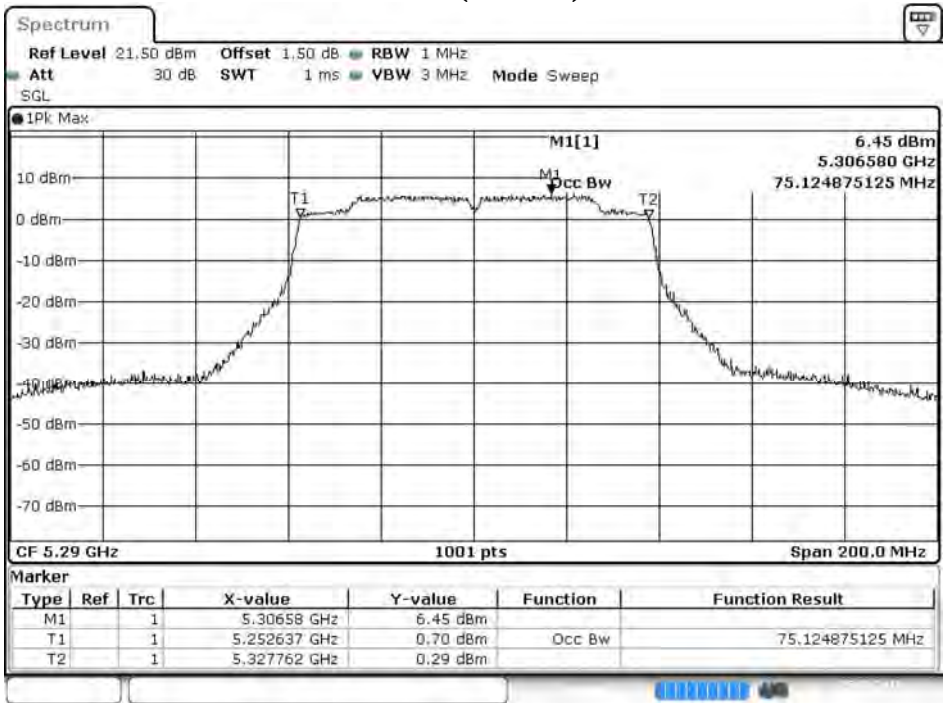
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:

Channel 58 (Chain A)

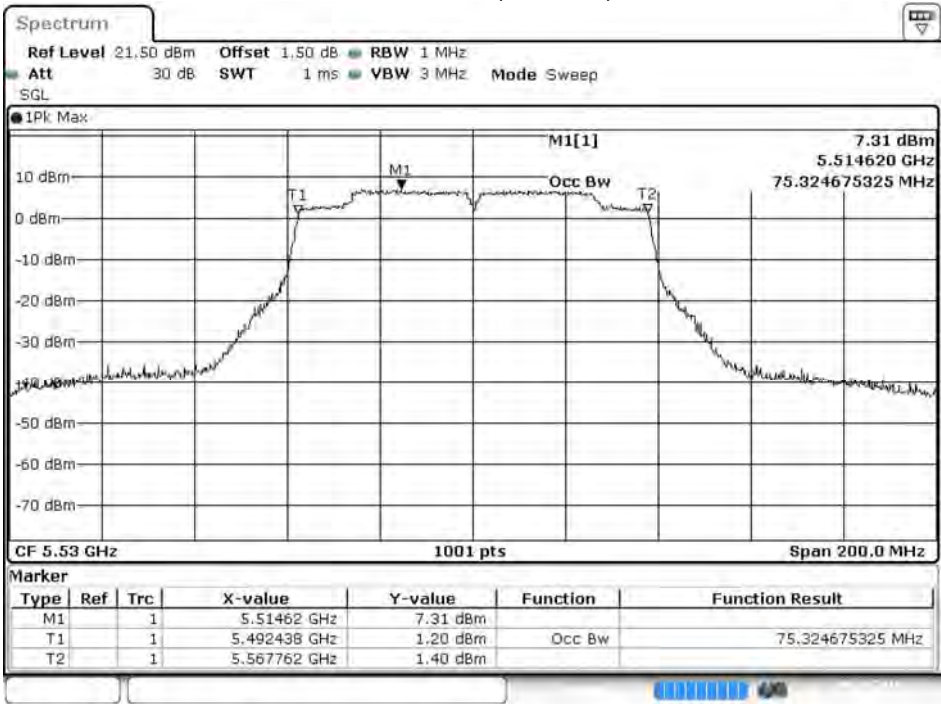


Channel 58 (Chain B)



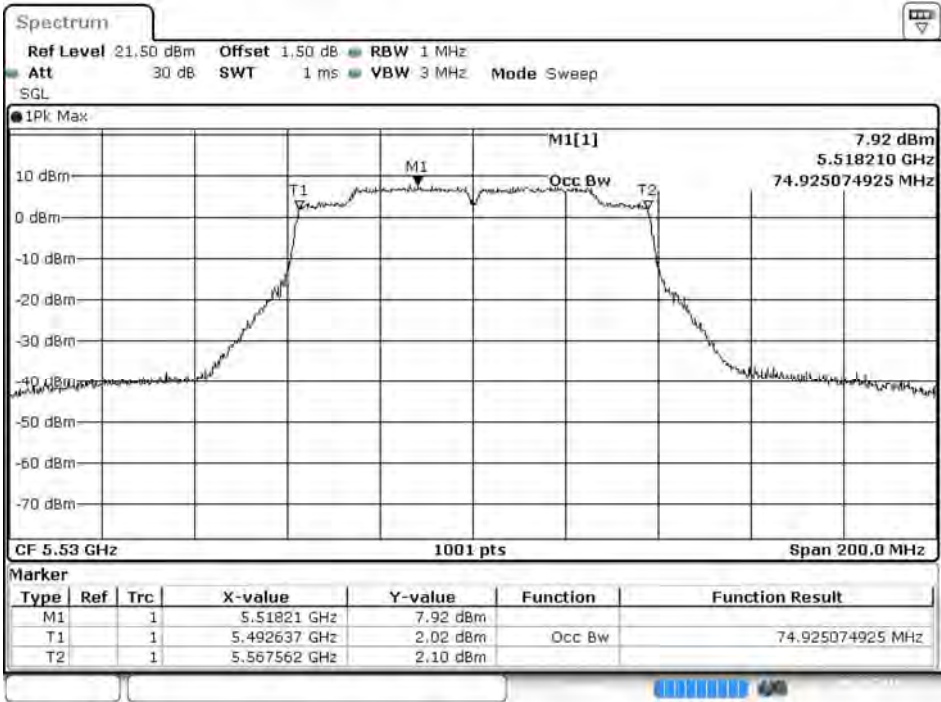
Date: 25.SEP.2018 15:34:07

Channel 106 (Chain A)



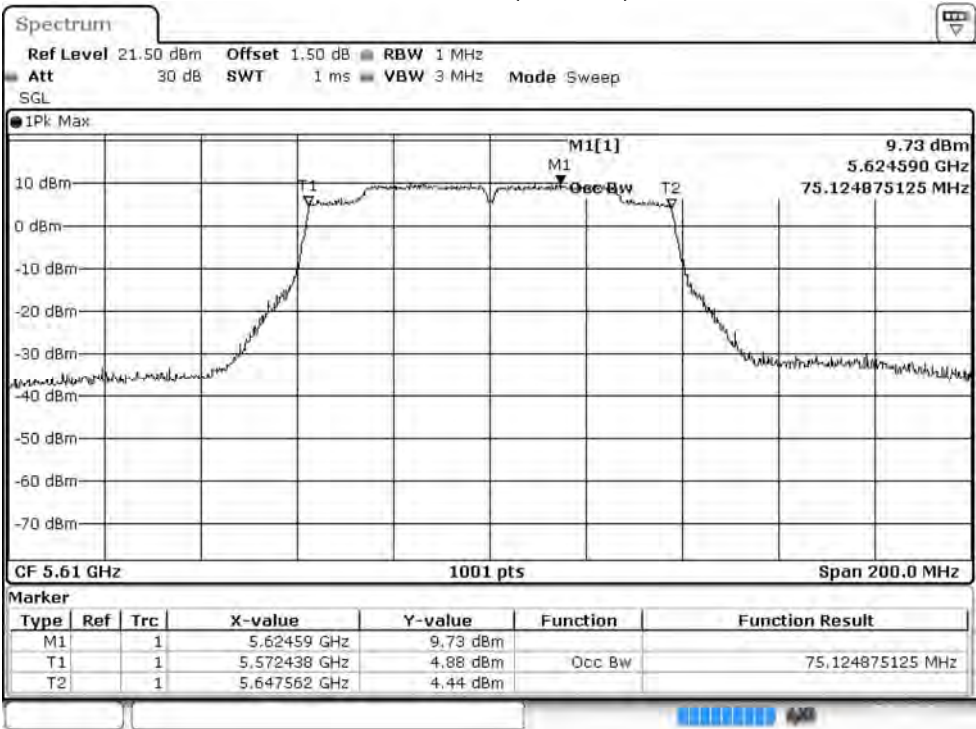
Date: 9.OCT.2018 13:19:42

Channel 106 (Chain B)

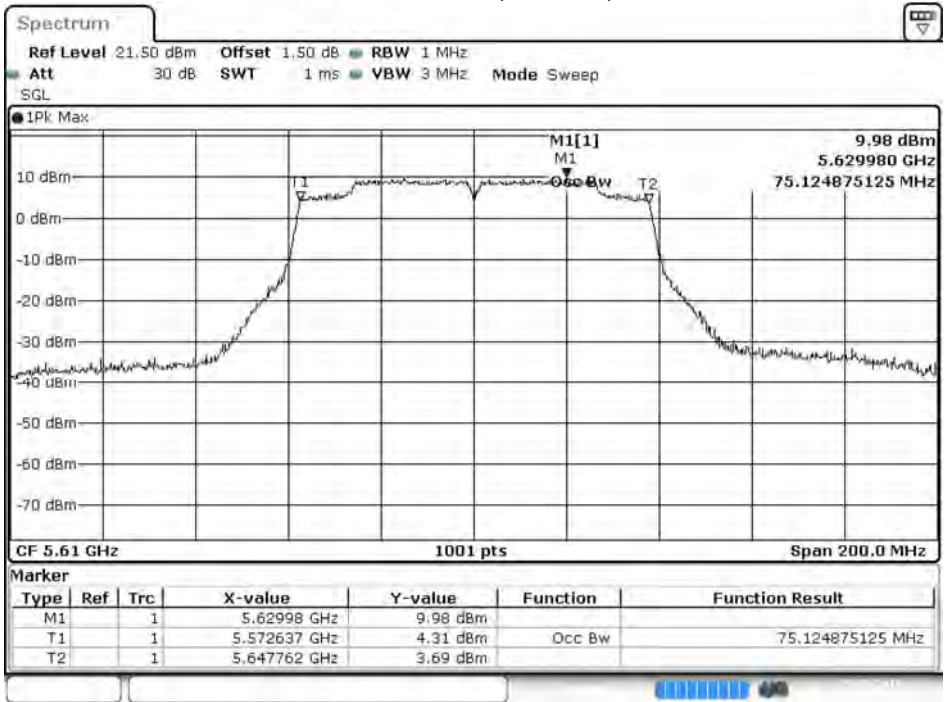


Date: 9.OCT.2018 13:24:31

Channel 122 (Chain A)

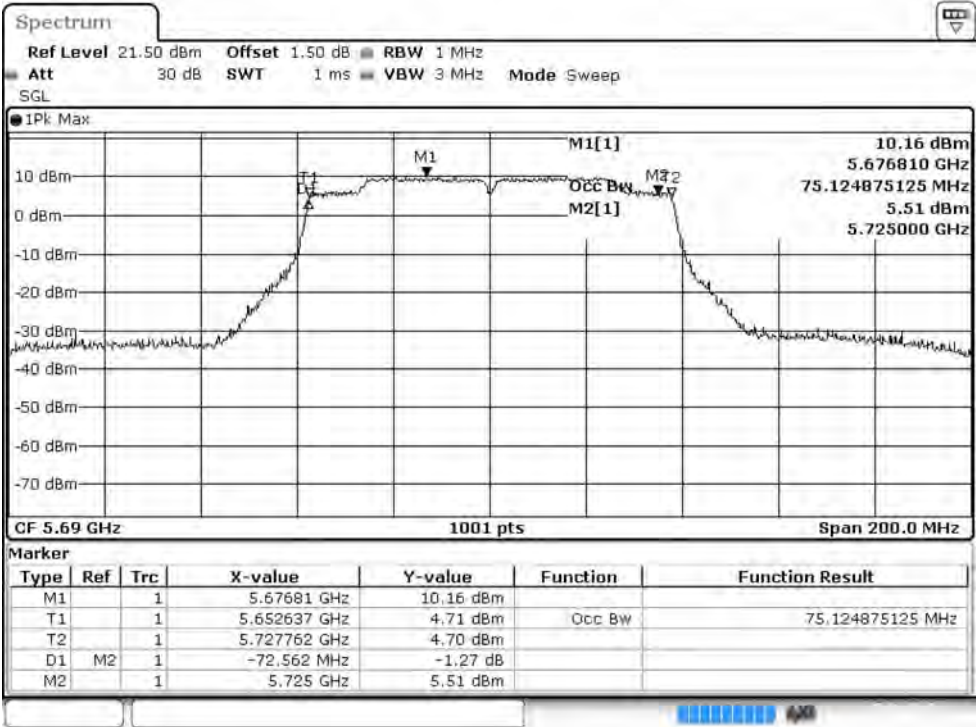


Channel 122 (Chain B)

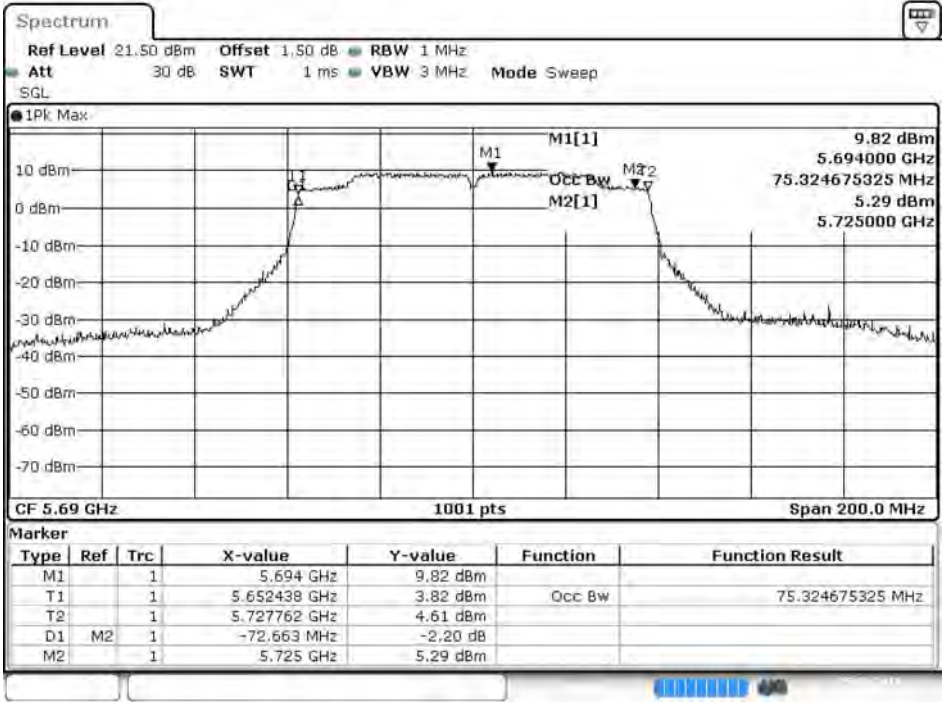


Date: 25.SEP.2018 15:40:55

Channel 138 (Chain A)

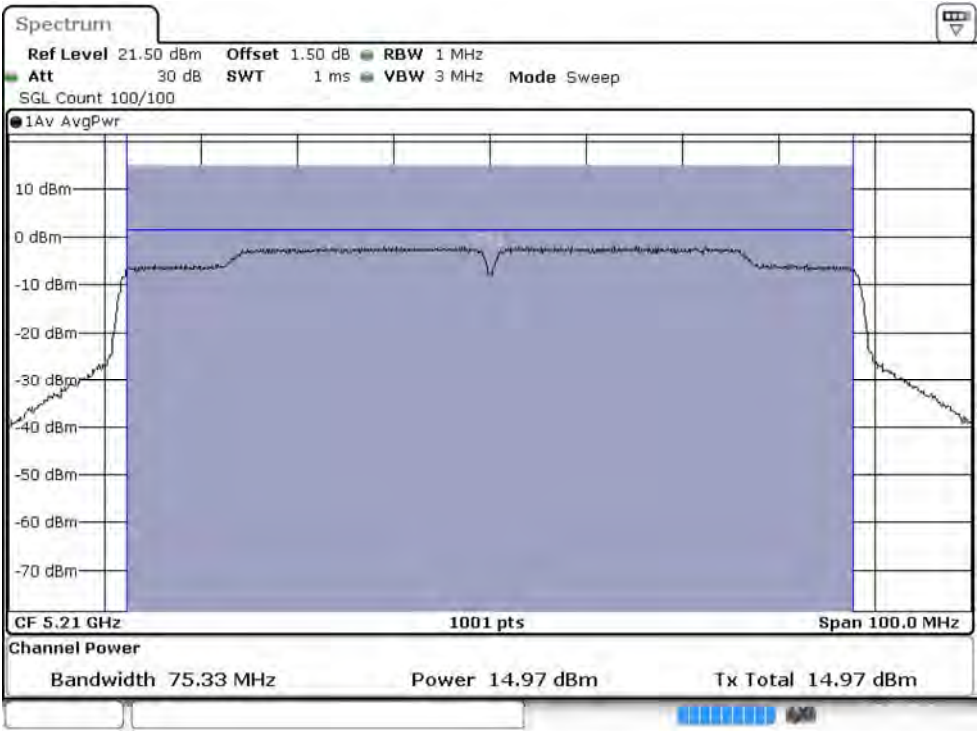


Channel 138 (Chain B)

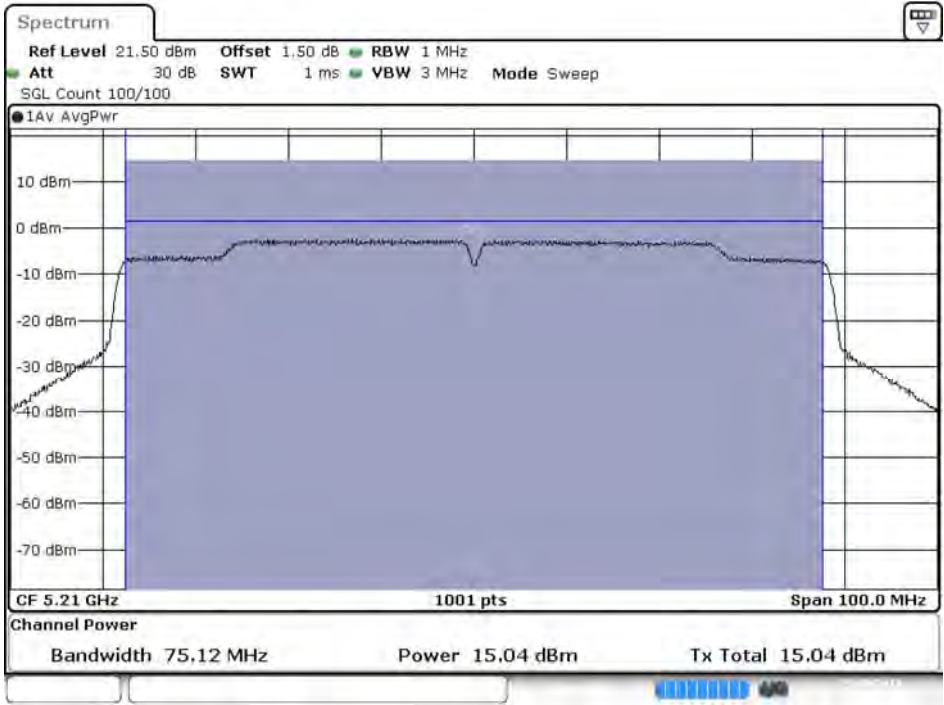


Date: 25.SEP.2018 15:43:47

Maximum conducted output power:
Channel 42 (Chain A)

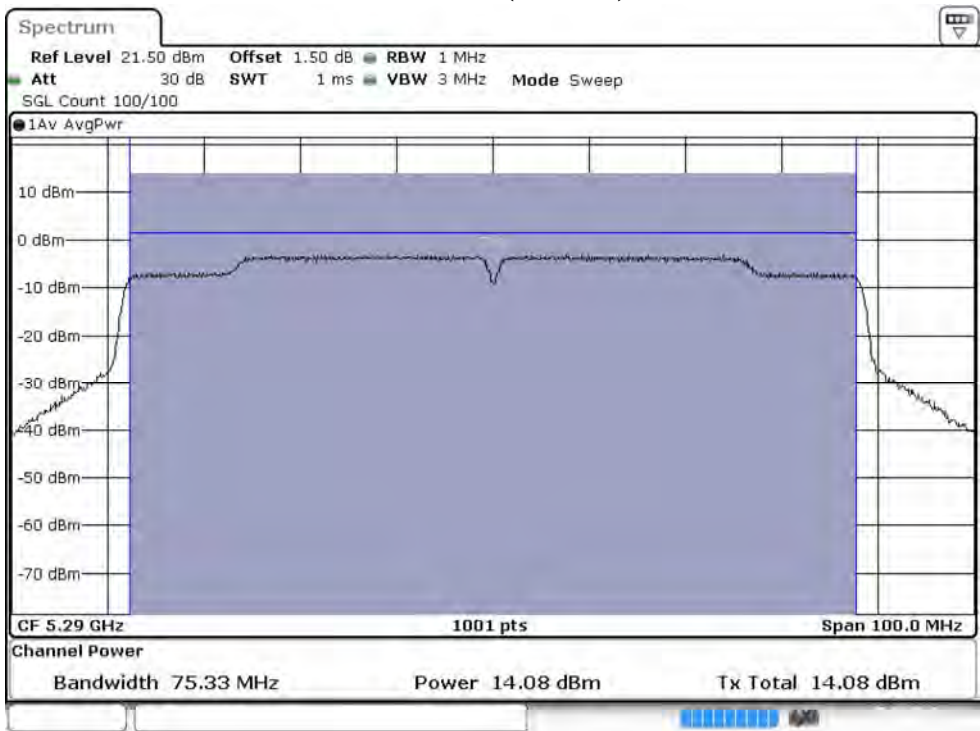


Maximum conducted output power:
Channel 42 (Chain B)

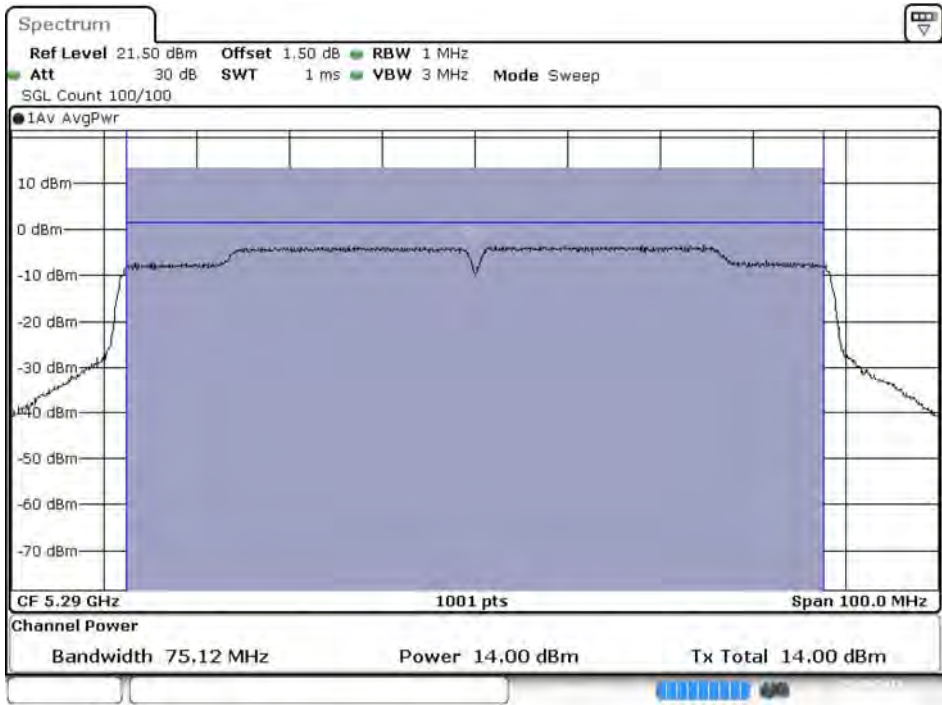


Date: 25.SEP.2018 15:33:11

Maximum conducted output power:
Channel 58 (Chain A)

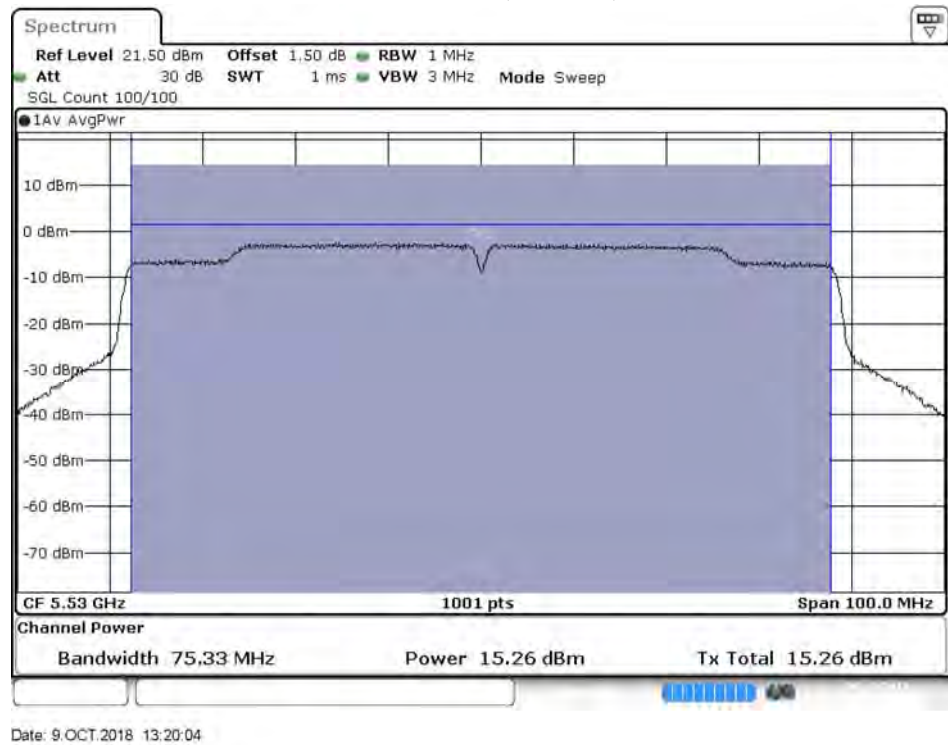


Maximum conducted output power:
Channel 58 (Chain B)

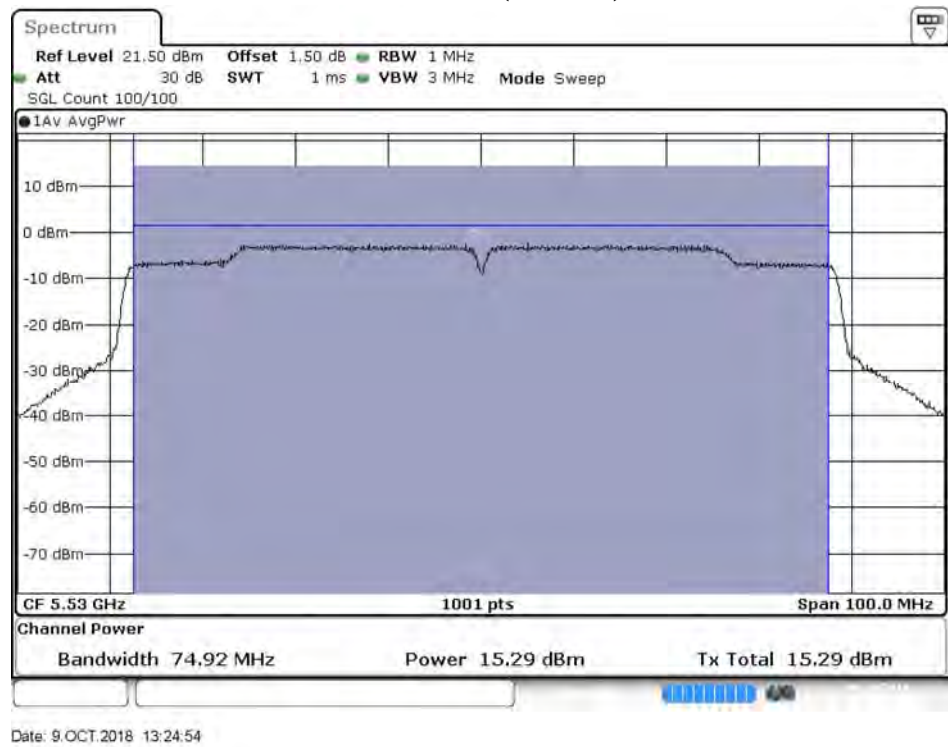


Date: 25.SEP.2018 15:38:11

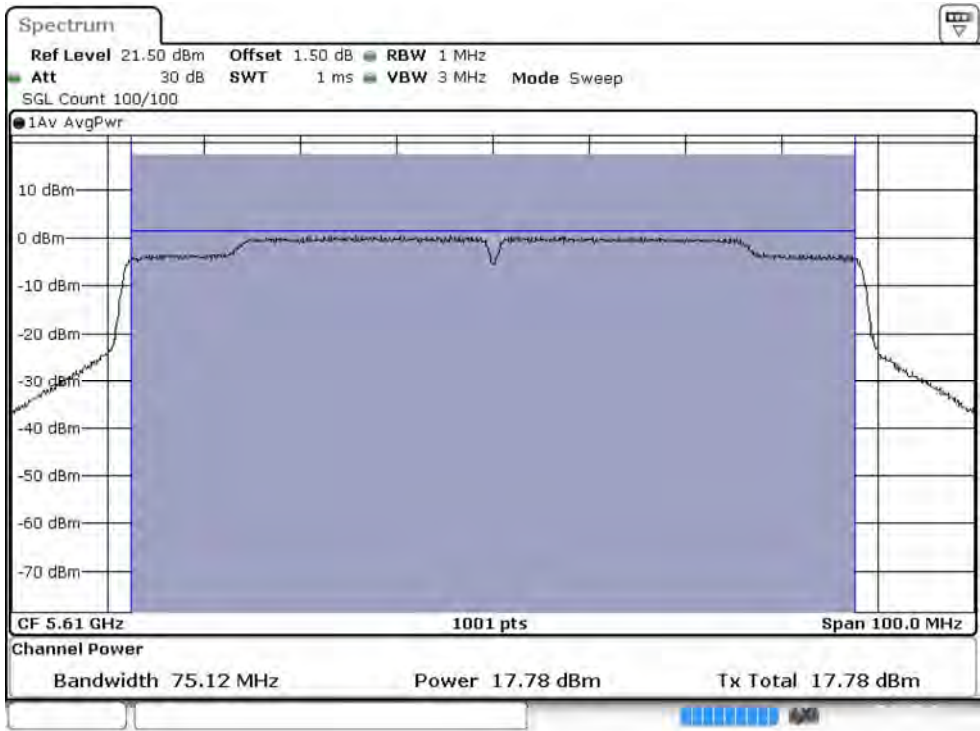
Maximum conducted output power:
Channel 106 (Chain A)



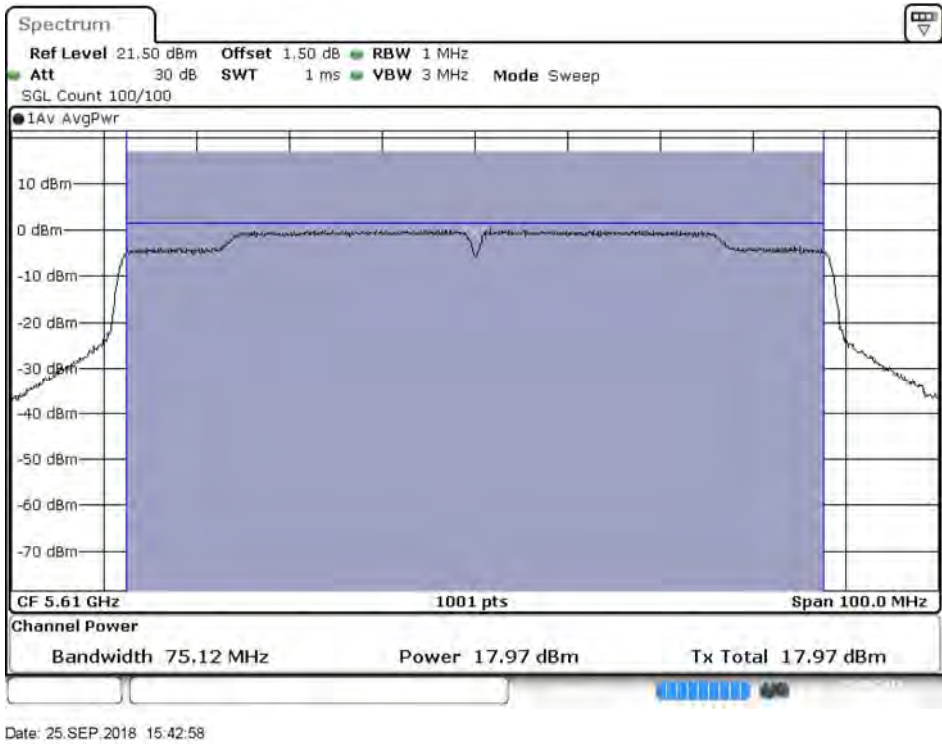
Maximum conducted output power:
Channel 106 (Chain B)



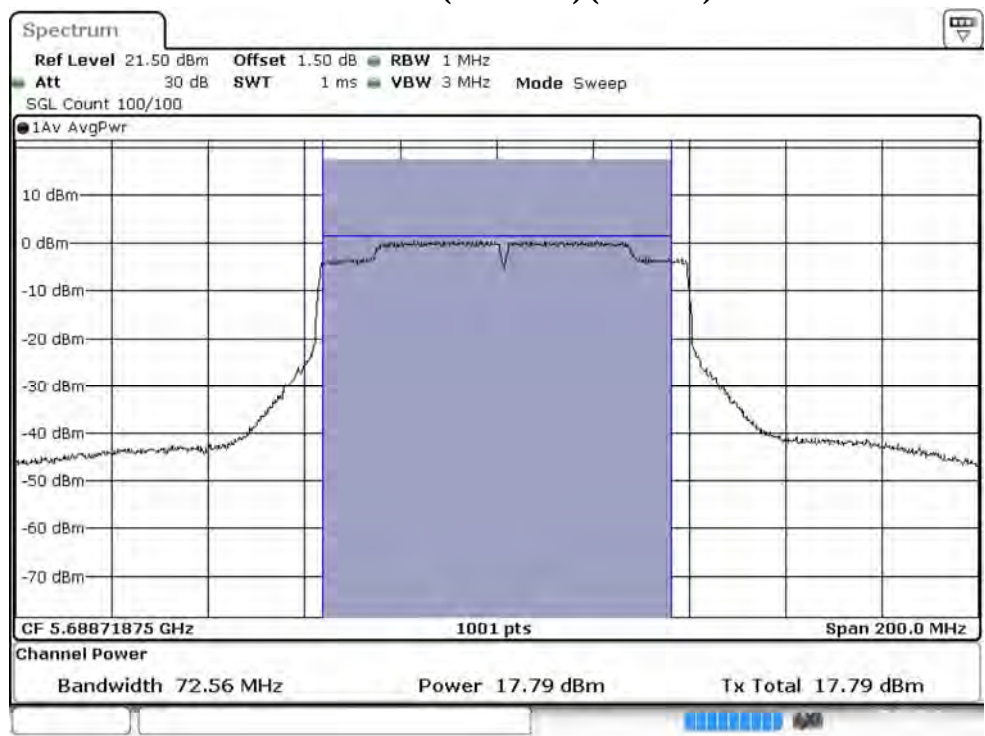
Maximum conducted output power:
Channel 122 (Chain A)



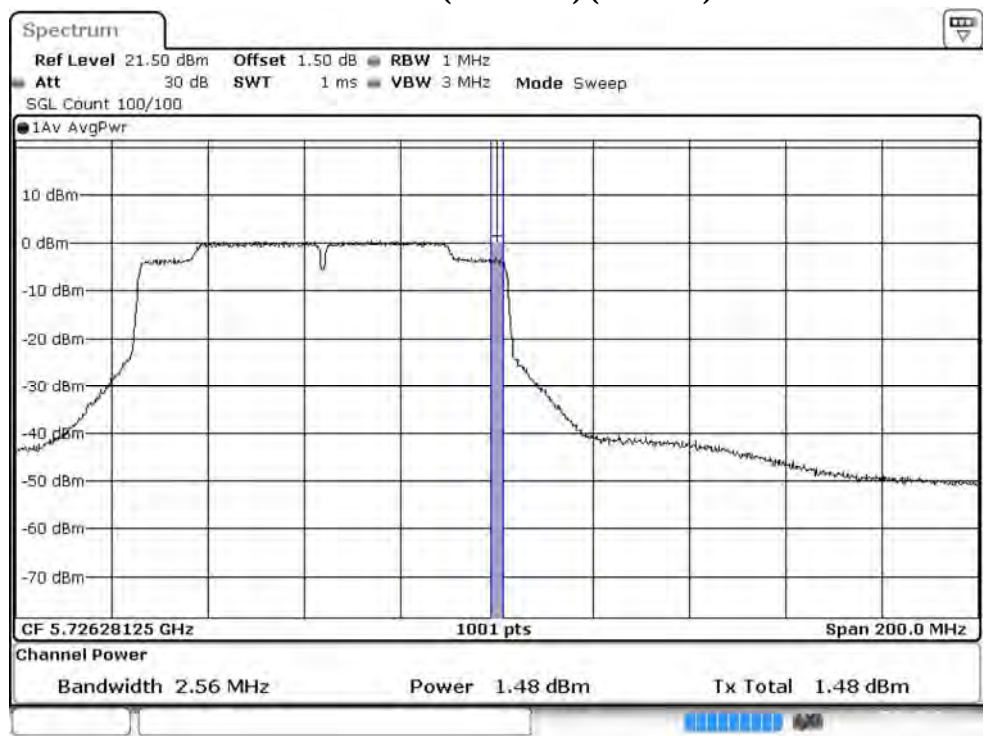
Maximum conducted output power:
Channel 122 (Chain B)



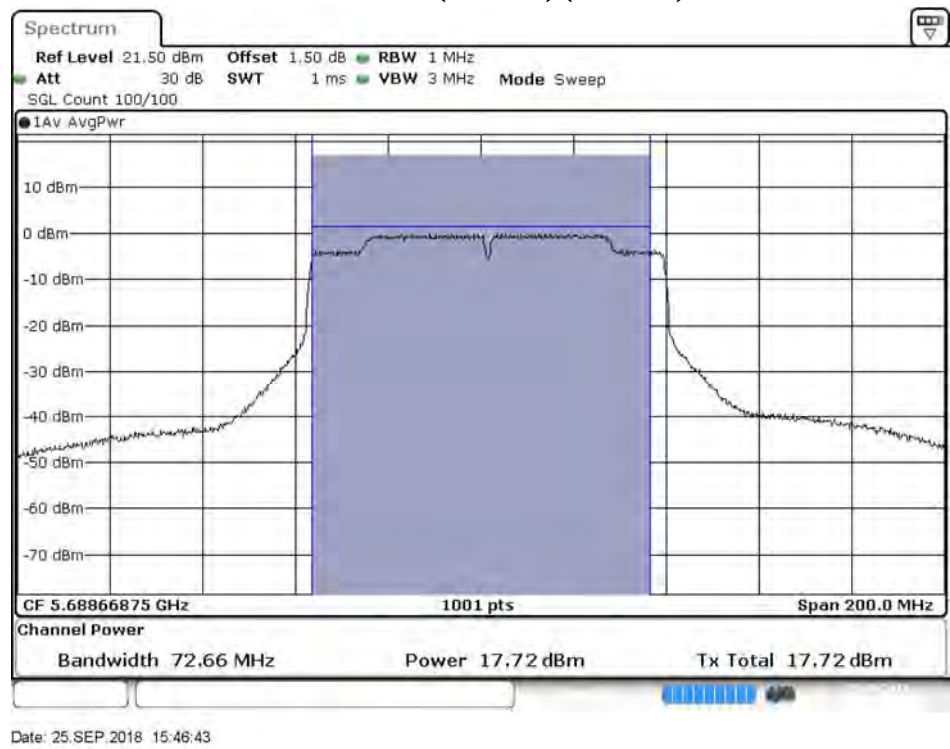
Maximum conducted output power:
Channel 138 (U-NII-2C) (Chain A)



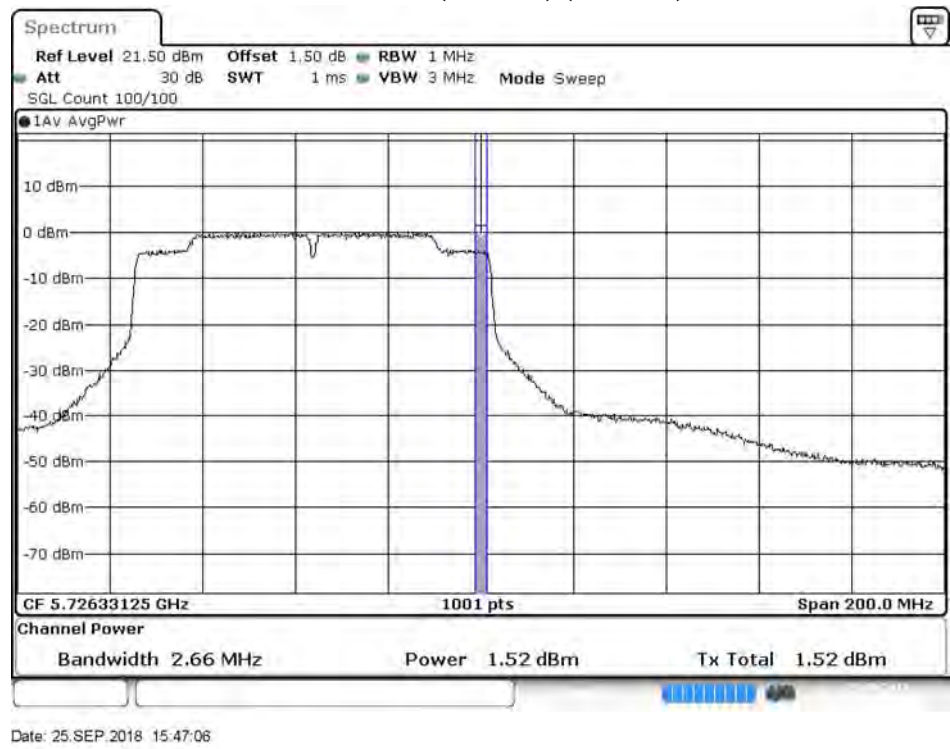
Maximum conducted output power:
Channel 138 (U-NII-2C) (Chain A)



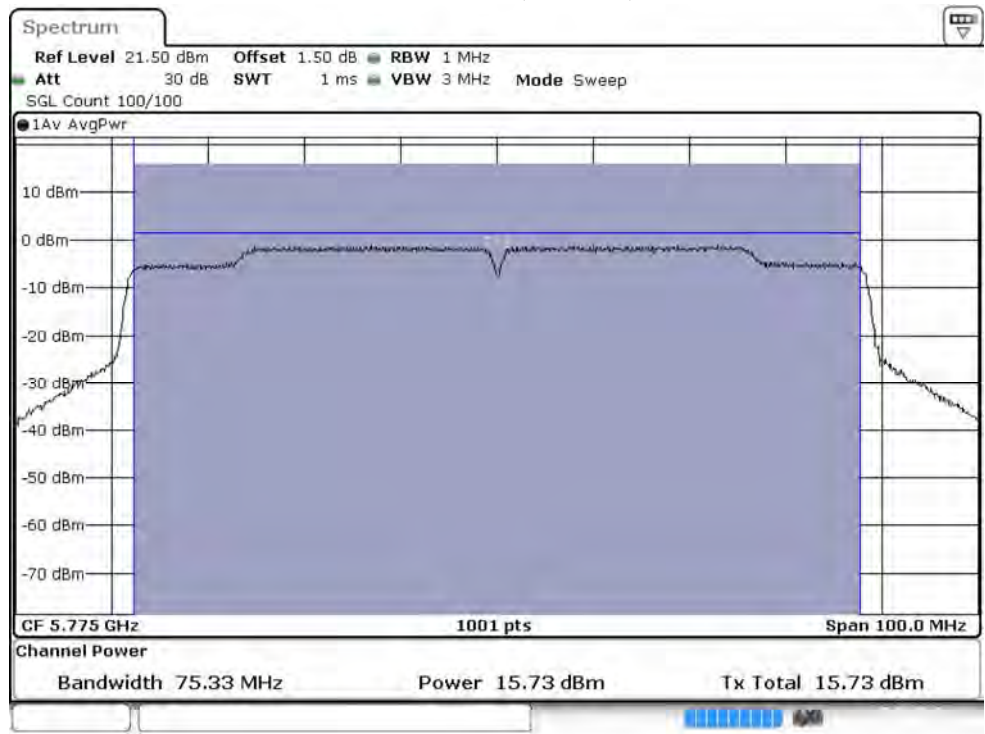
Maximum conducted output power:
Channel 138 (U-NII-3) (Chain B)



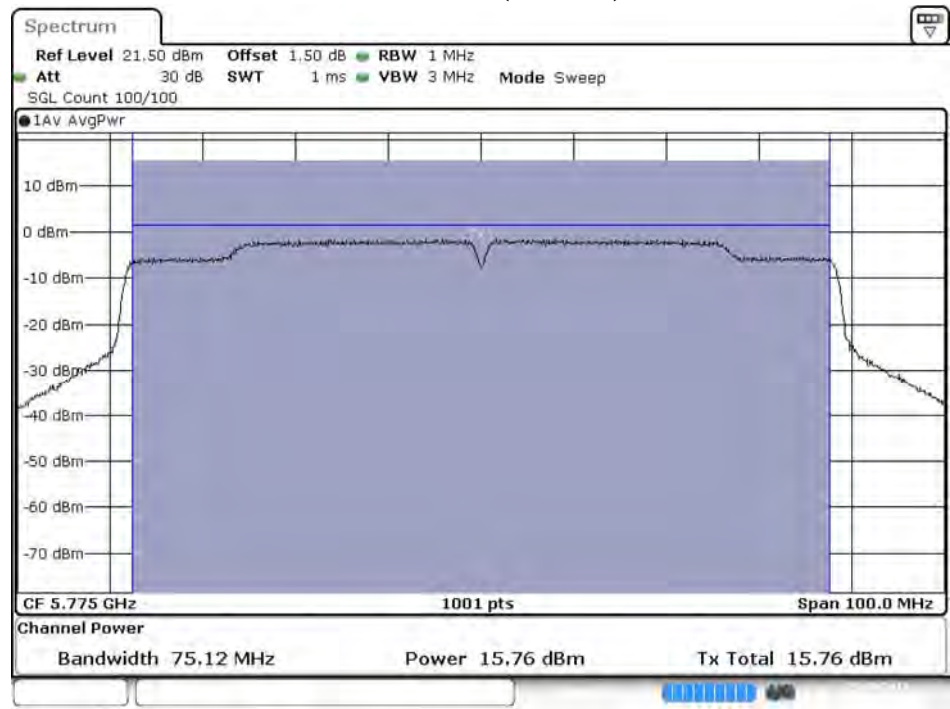
Maximum conducted output power:
Channel 138 (U-NII-3) (Chain B)



Maximum conducted output power:
Channel 155 (Chain A)



Maximum conducted output power:
Channel 155 (Chain B)



Date: 25.SEP.2018 16:47:02

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11ac-160BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Chain A

Cable loss=1.5dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		130	260	390	520	780	1040	1170	1300	1560	1733.3
50 (U-NII-1)	5250	7.88	7.77	7.69	7.54	7.44	7.32	7.26	7.14	7.05	6.97
50 (U-NII-2A)	5250	7.79	7.64	7.58	7.41	7.39	7.21	7.17	7.07	6.99	6.82
114	5570	10.63	10.59	10.44	10.32	10.28	10.19	10.01	9.93	9.87	9.75

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Chain B

Cable loss=1.5dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		130	260	390	520	780	1040	1170	1300	1560	1733.3
50 (U-NII-1)	5250	7.78	7.63	7.59	7.44	7.32	7.28	7.18	7.08	6.98	6.84
50 (U-NII-2A)	5250	7.77	7.66	7.53	7.47	7.38	7.21	7.14	7.03	6.94	6.89
114	5570	10.73	10.61	10.54	10.43	10.31	10.29	10.11	10.04	9.91	9.83

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

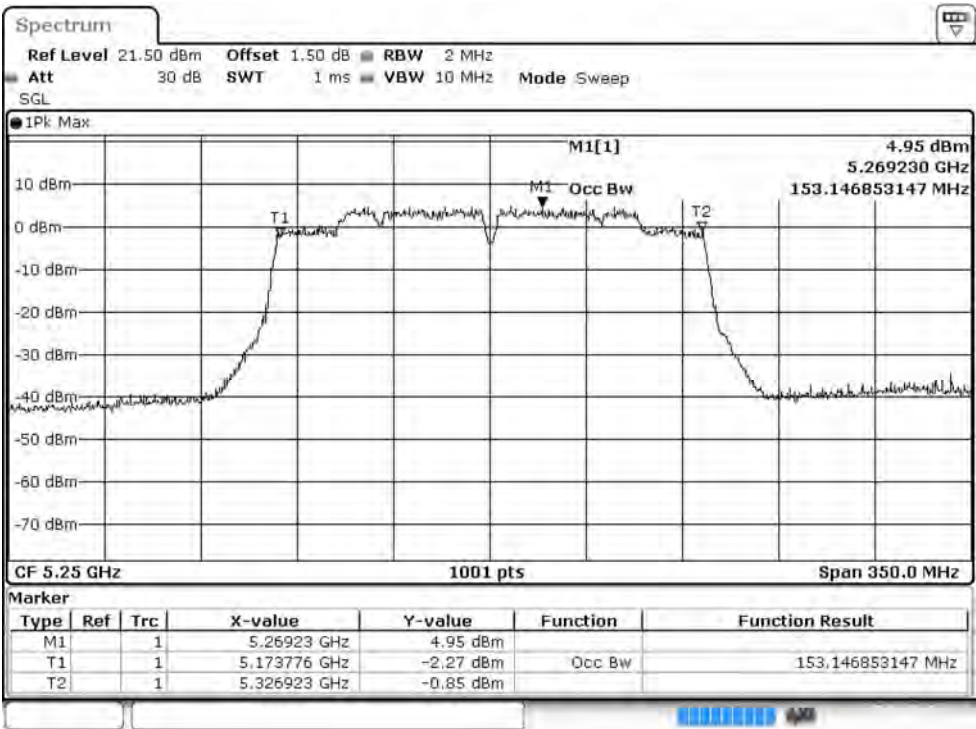
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
50 (U-NII-1)	5250	--	7.88	7.78	10.84	30	--
50 (U-NII-2A)	5250	76.399	7.79	7.77	10.79	24	29.83
114	5570	152.797	10.63	10.73	13.69	24	32.84

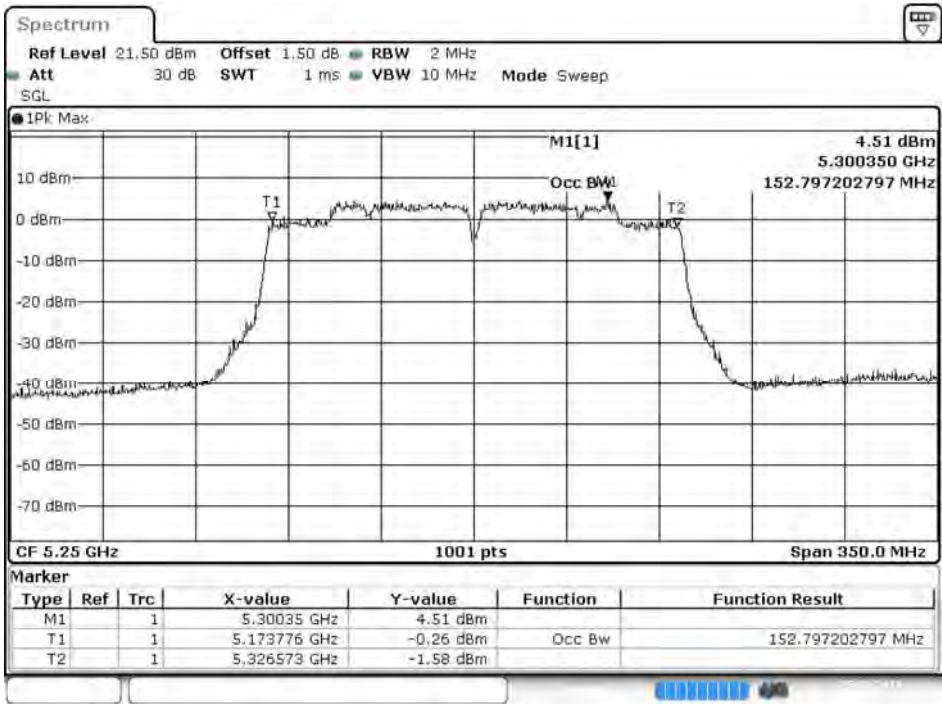
Note:

1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:
Channel 50 (Chain A)

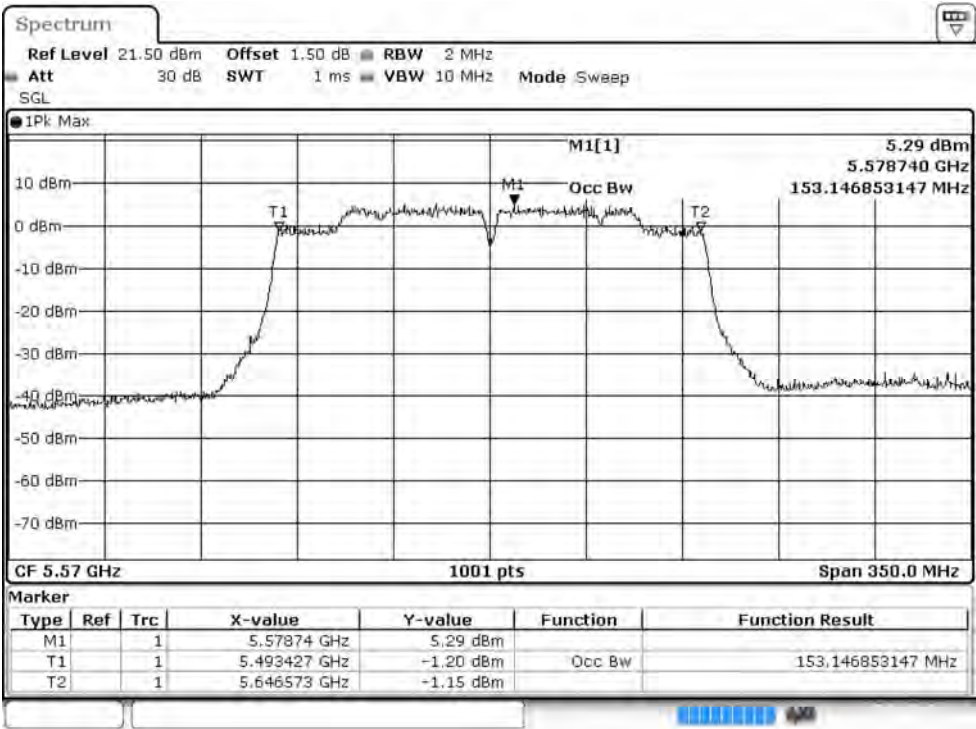


Channel 50 (Chain B)

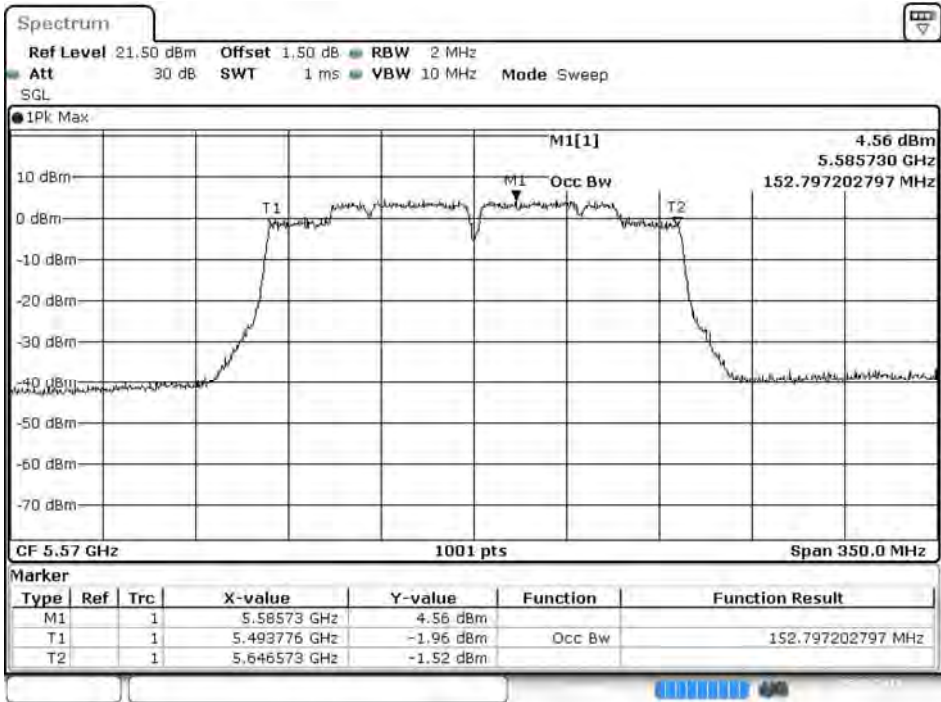


Date: 25.SEP.2018 15:10:43

Channel 114 (Chain A)

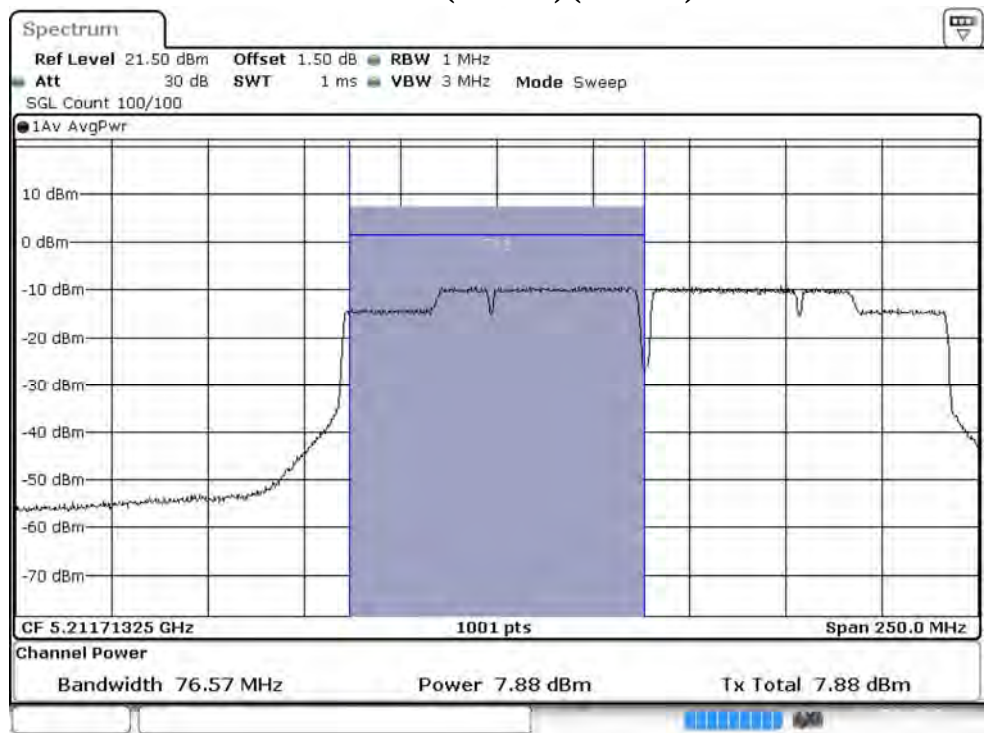


Channel 114 (Chain B)

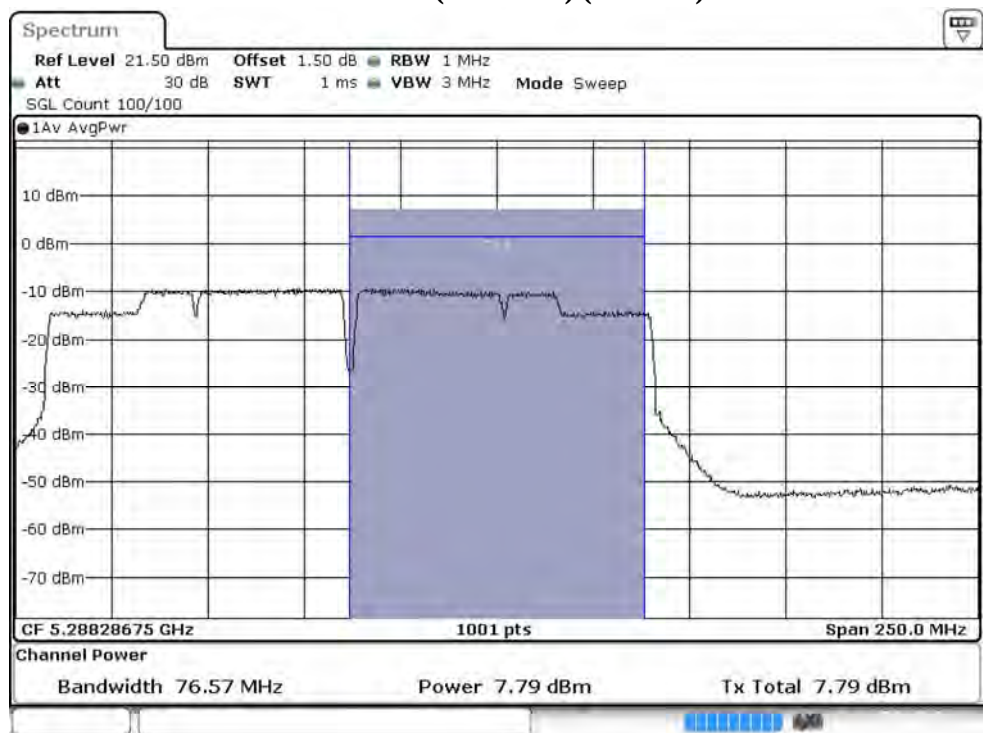


Date: 25.SEP.2018 15:14:59

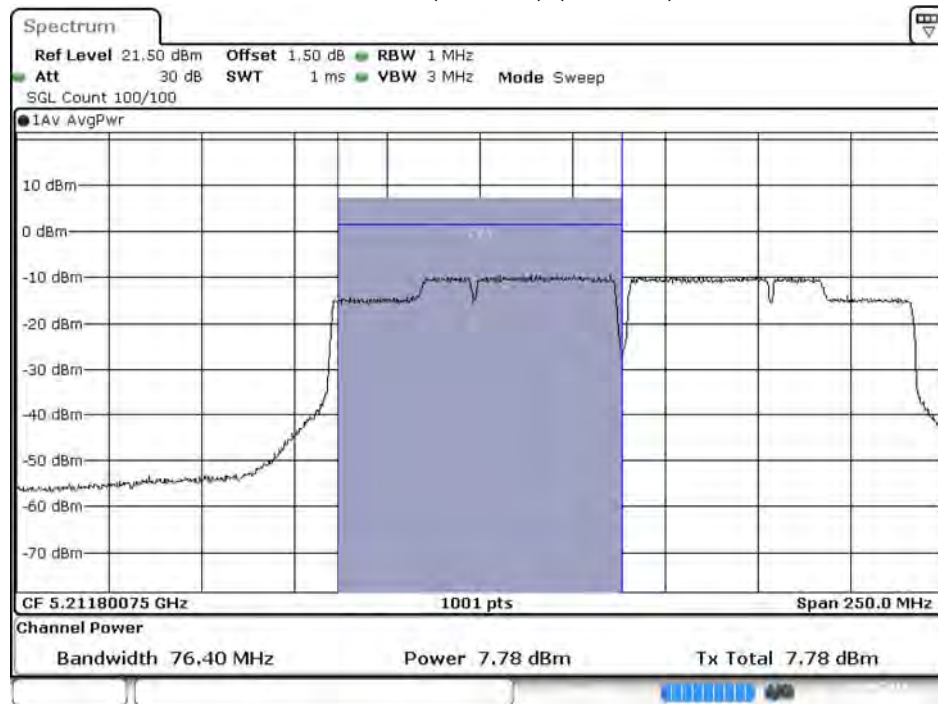
Maximum conducted output power:
Channel 50 (U-NII-1) (Chain A)



Maximum conducted output power:
Channel 50 (U-NII-2A) (Chain A)

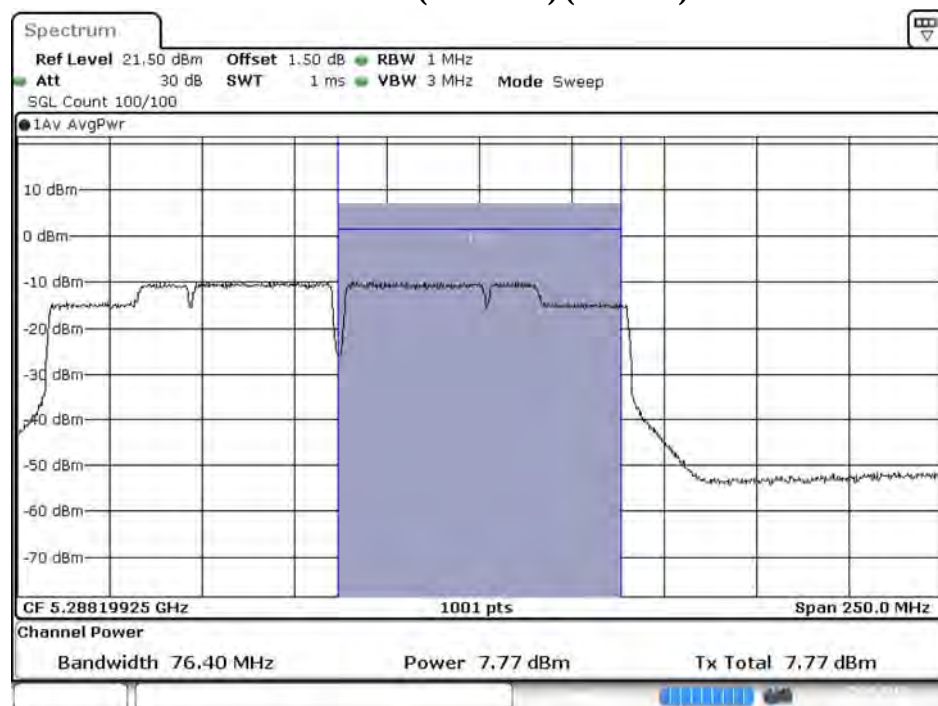


Maximum conducted output power:
Channel 50 (U-NII-1) (Chain B)



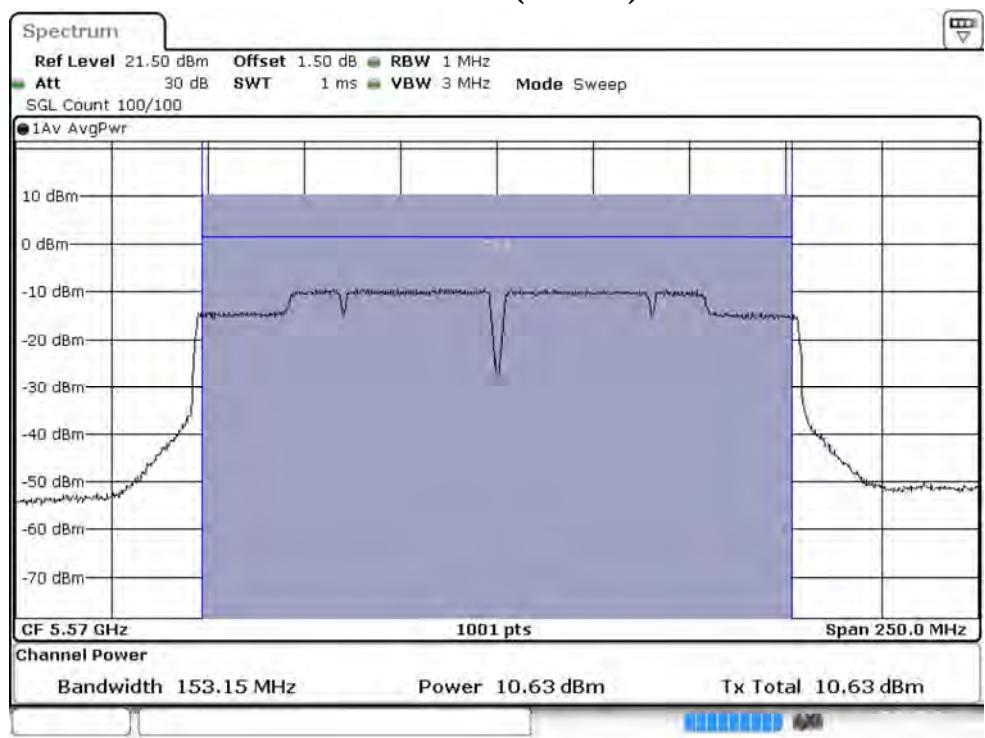
Date: 25.SEP.2018 15:13:40

Maximum conducted output power:
Channel 50 (U-NII-2A) (Chain B)

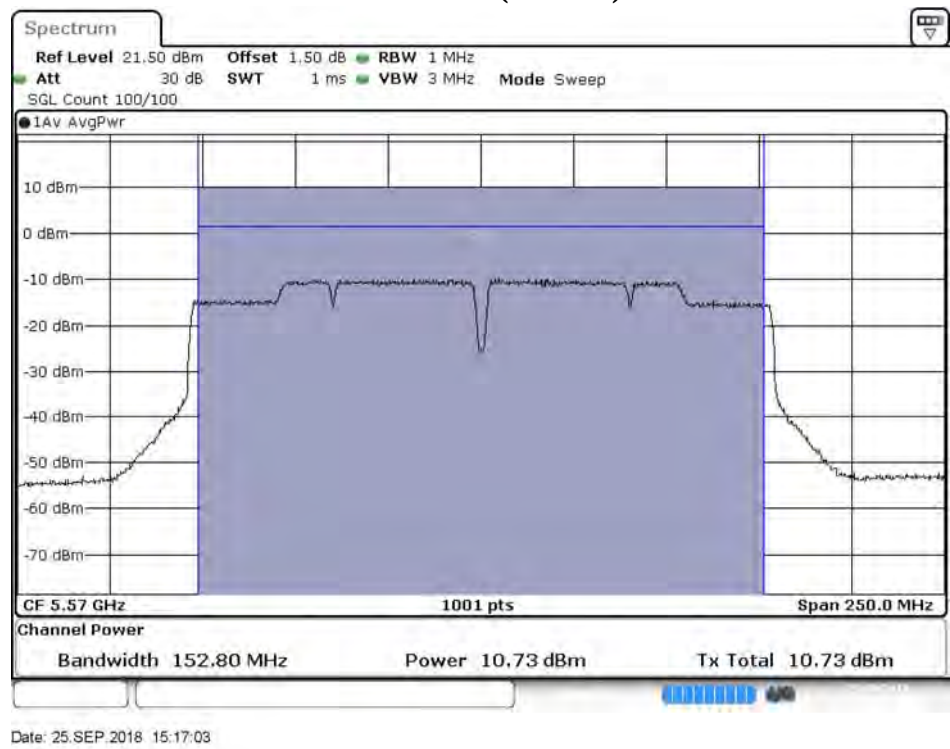


Date: 25.SEP.2018 15:14:03

Maximum conducted output power:
Channel 114 (Chain A)



Maximum conducted output power:
Channel 114 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 1: SISO A: 發射器 802.11ax-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
36	5180	18.39	--	--	--	--	--	--	--	--	--	--	--
44	5220	20.76	20.65	20.53	20.48	20.37	20.22	20.19	20.05	19.9	19.81	19.75	19.64
48	5240	20.75	--	--	--	--	--	--	--	--	--	--	--
52	5260	20.87	--	--	--	--	--	--	--	--	--	--	--
60	5300	20.88	20.77	20.63	20.51	20.42	20.38	20.22	20.15	20.02	19.96	19.84	19.75
64	5320	17.99	--	--	--	--	--	--	--	--	--	--	--
100	5500	18.29	--	--	--	--	--	--	--	--	--	--	--
116	5580	20.73	20.62	20.53	20.44	20.33	20.25	20.17	20.04	19.92	19.84	19.73	19.62
140	5700	17.27	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	19.79	19.66	19.51	19.43	19.37	19.26	19.11	19.02	18.98	18.83	18.74	18.66
144(U-NII-3)	5720	14.72	14.65	14.53	14.44	14.32	14.28	14.16	14.07	13.93	13.85	13.79	13.61
149	5745	20.94	--	--	--	--	--	--	--	--	--	--	--
157	5785	20.86	20.73	20.61	20.57	20.42	20.35	20.26	20.19	20.08	19.92	19.87	19.73
165	5825	20.80	--	--	--	--	--	--	--	--	--	--	--

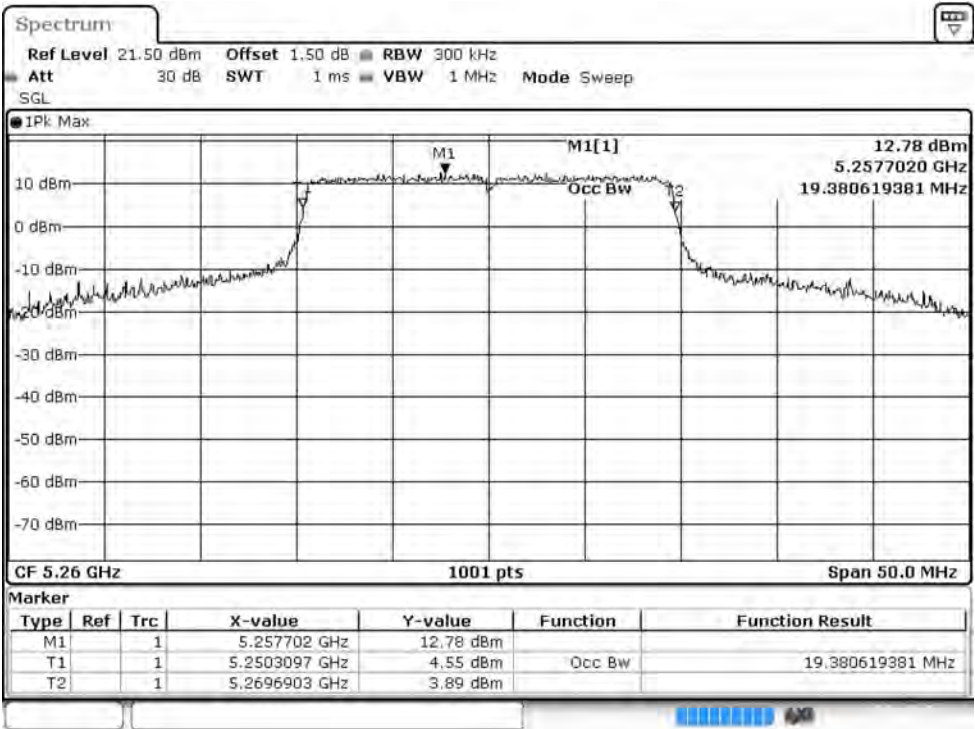
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

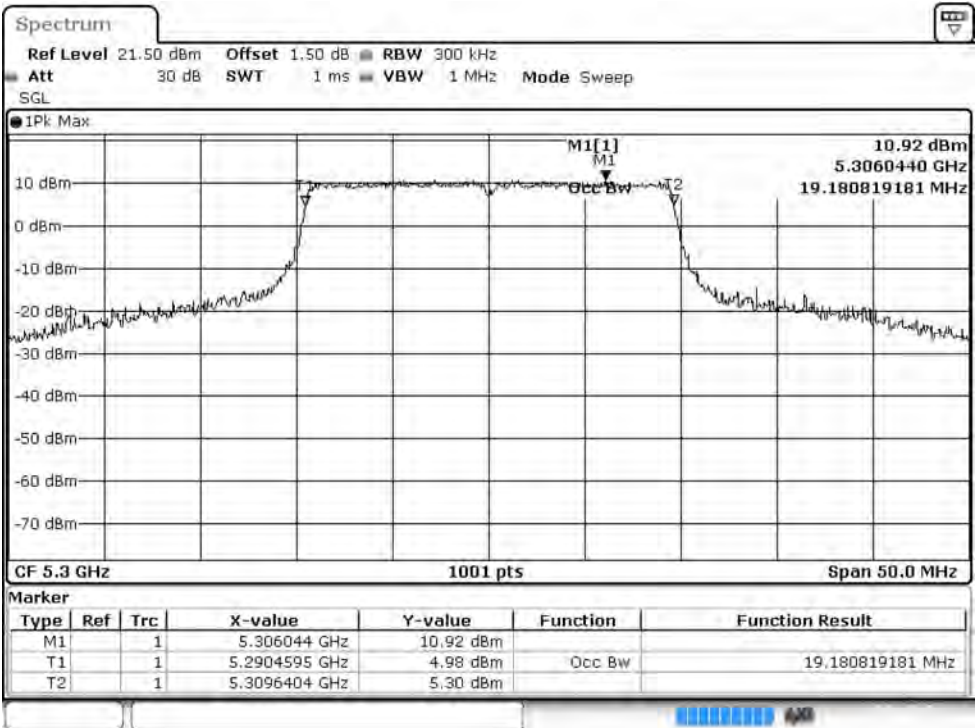
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	18.39	30	--
44	5220	--	20.76	30	--
48	5240	--	20.75	30	--
52	5260	19.381	20.87	24	23.87
60	5300	19.181	20.88	24	23.83
64	5320	19.131	17.99	24	23.82
100	5500	19.131	18.29	24	23.82
116	5580	19.281	20.73	24	23.85
140	5700	19.131	17.27	24	23.82
144(U-NII-2C)	5720	14.666	19.79	24	22.66
144(U-NII-3)	5720	--	14.72	30	--
149	5745	--	20.94	30	--
157	5785	--	20.86	30	--
165	5825	--	20.80	30	--

99% Occupied Bandwidth:

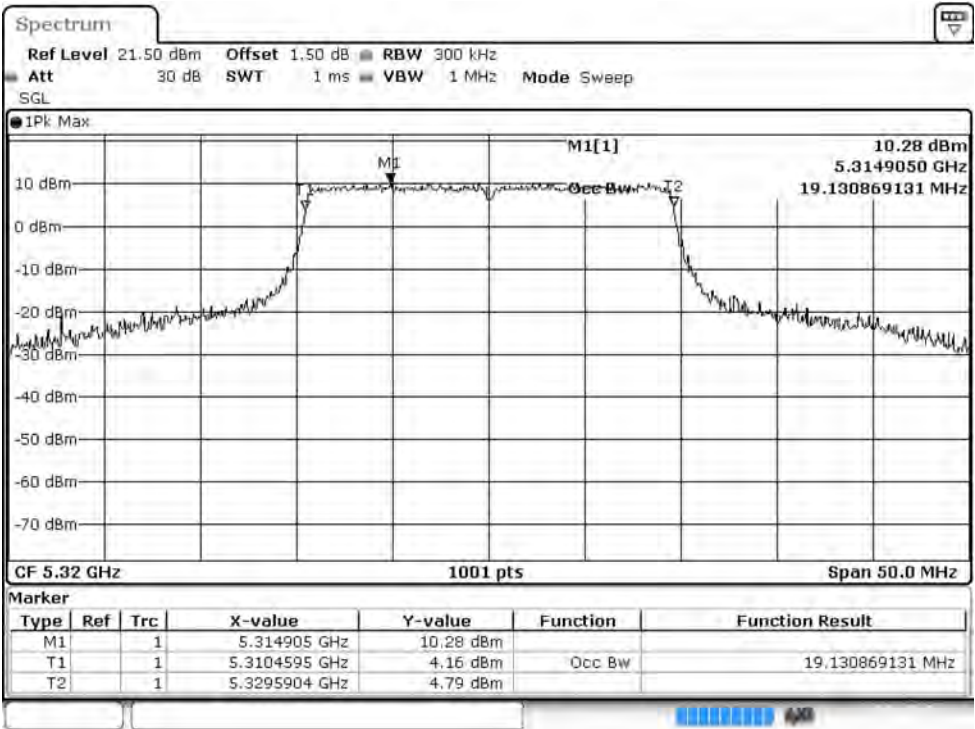
Channel 52



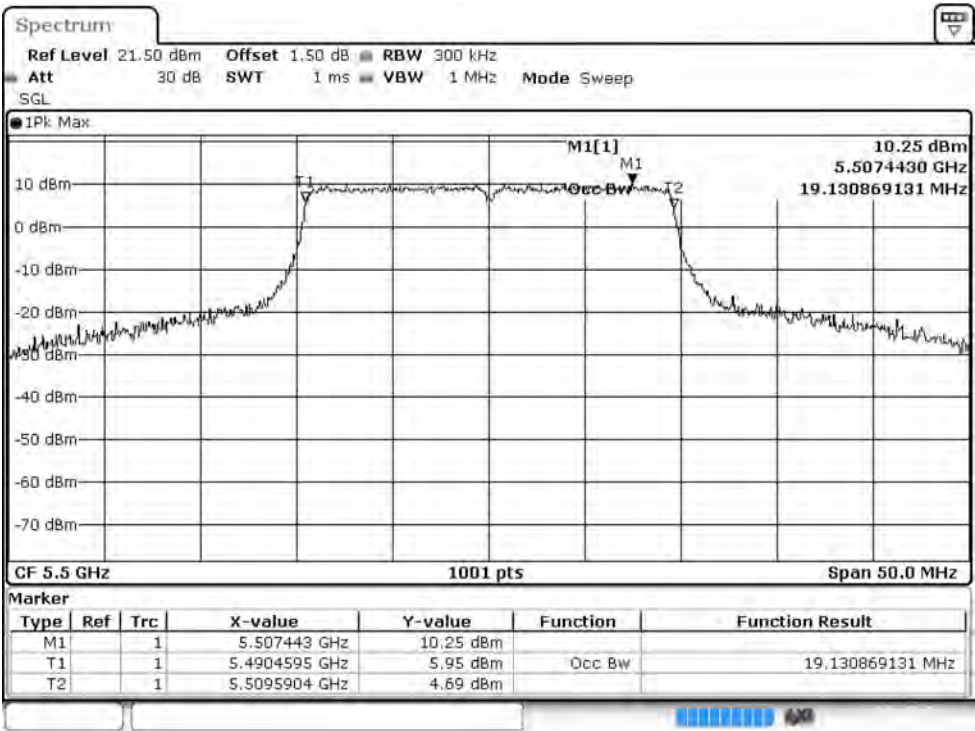
Channel 60



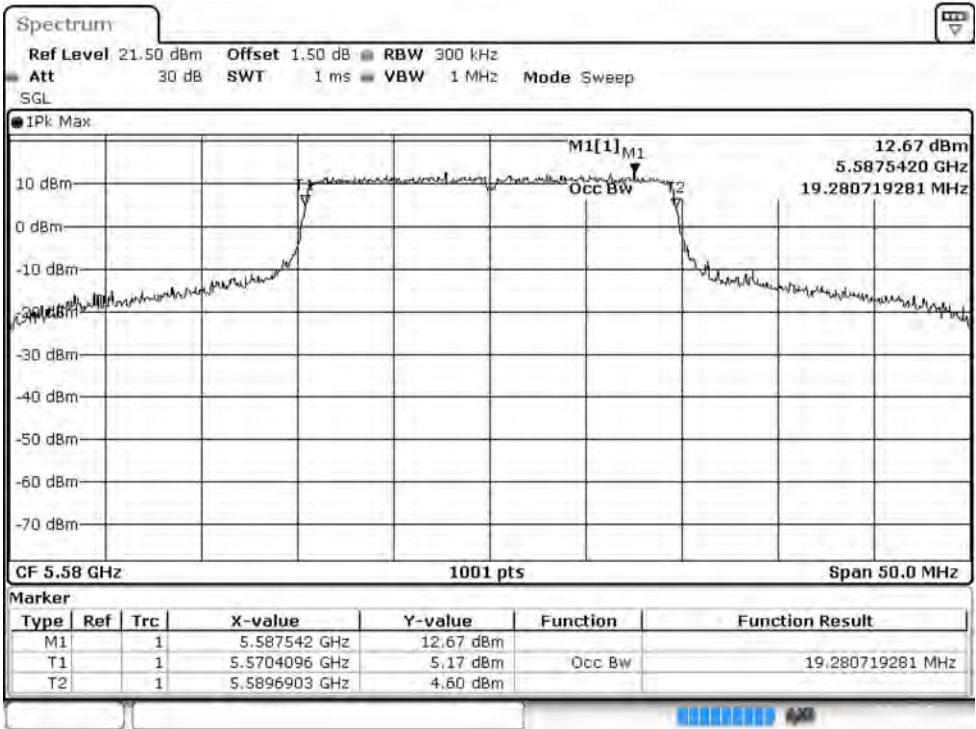
Channel 64



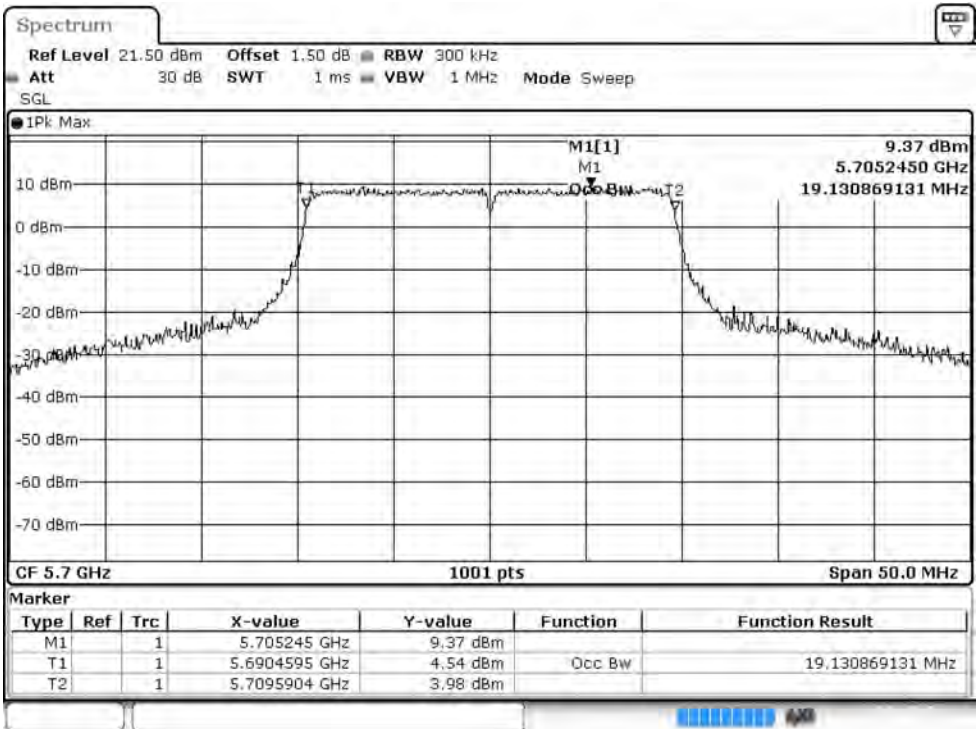
Channel 100



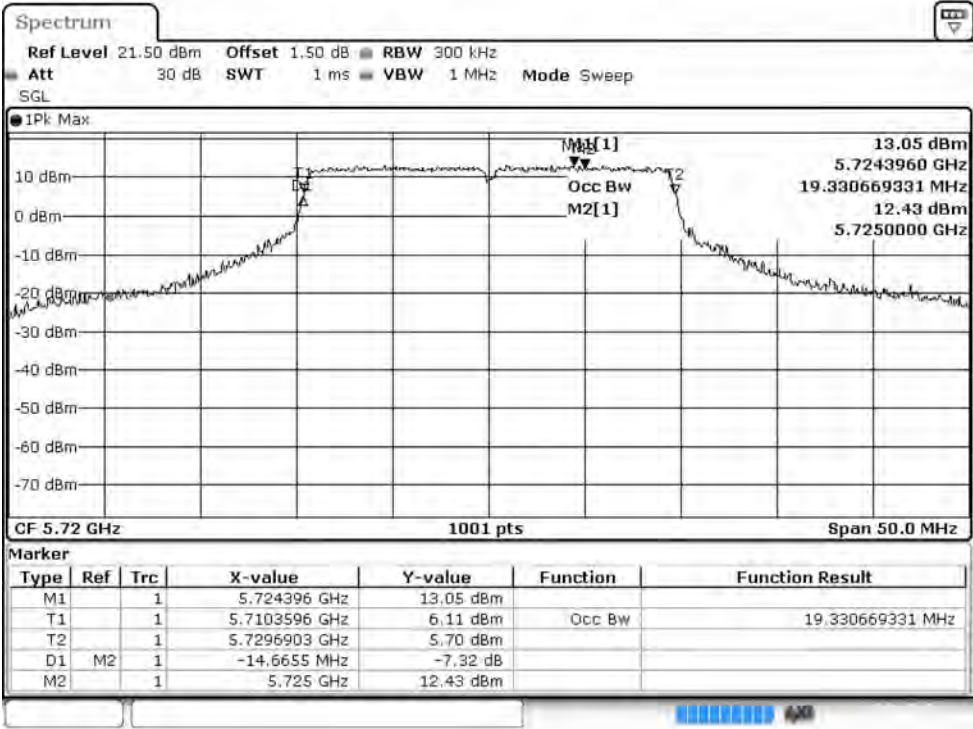
Channel 116



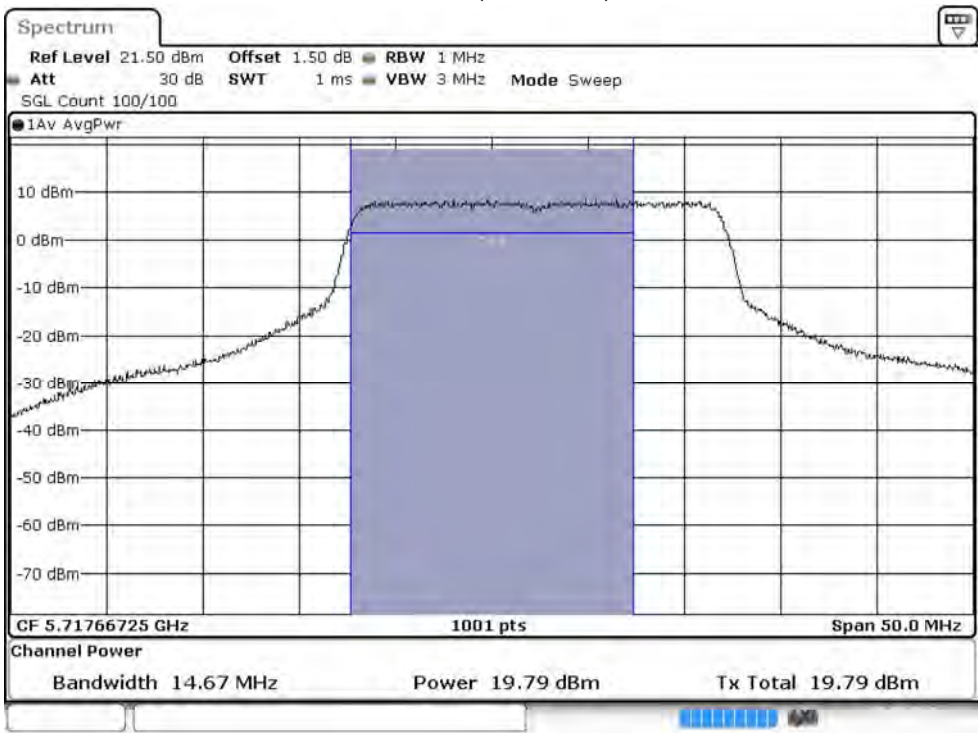
Channel 140



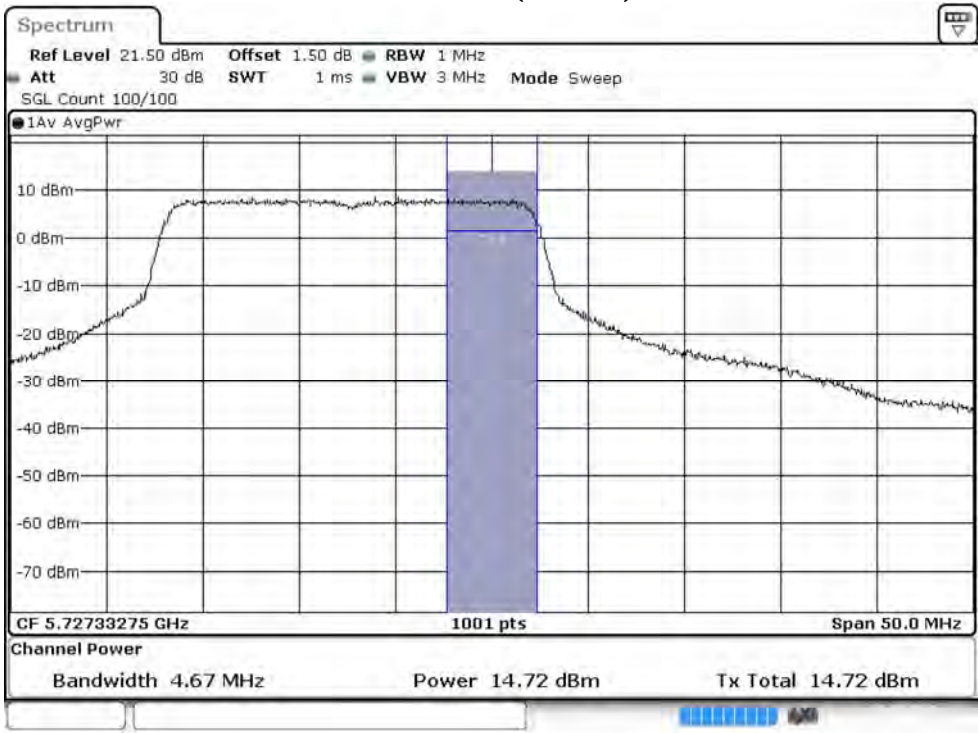
Channel 144



Maximum conducted output power:
Channel 144 (U-NII-2C)



Maximum conducted output power:
Channel 144 (U-NII-3)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 1: SISO A: 發射器 802.11ax-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
38	5190	18.30	--	--	--	--	--	--	--	--	--	--	--
46	5230	20.82	20.73	20.64	20.55	20.49	20.37	20.26	20.11	20.08	19.94	19.83	19.78
54	5270	20.96	--	--	--	--	--	--	--	--	--	--	--
62	5310	17.61	17.52	17.43	17.33	17.26	17.15	17.09	16.92	16.88	16.73	16.64	16.51
102	5510	17.29	--	--	--	--	--	--	--	--	--	--	--
110	5550	20.87	20.75	20.63	20.51	20.49	20.33	20.21	20.16	20.08	19.94	19.82	19.73
134	5670	19.97	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	20.48	20.37	20.22	20.18	20.06	19.97	19.83	19.77	19.63	19.55	19.41	19.38
142(U-NII-3)	5710	10.91	10.82	10.77	10.62	10.59	10.48	10.33	10.29	10.14	10.02	9.97	9.83
151	5755	20.80	--	--	--	--	--	--	--	--	--	--	--
159	5795	20.90	20.83	20.74	20.69	20.55	20.42	20.38	20.29	20.17	20.06	19.89	19.76

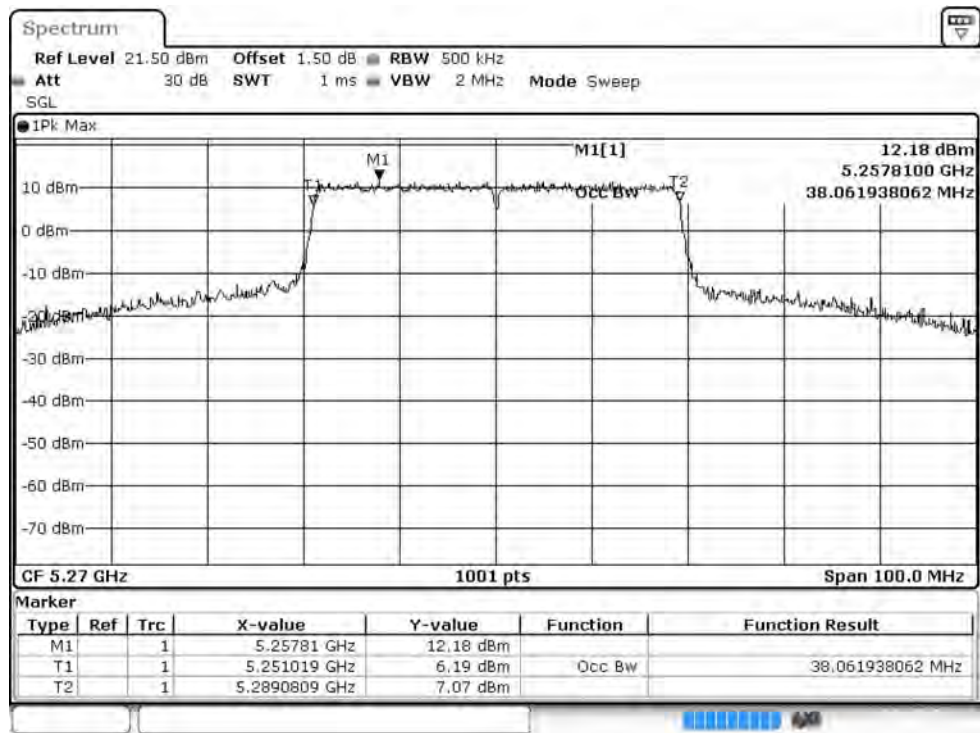
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

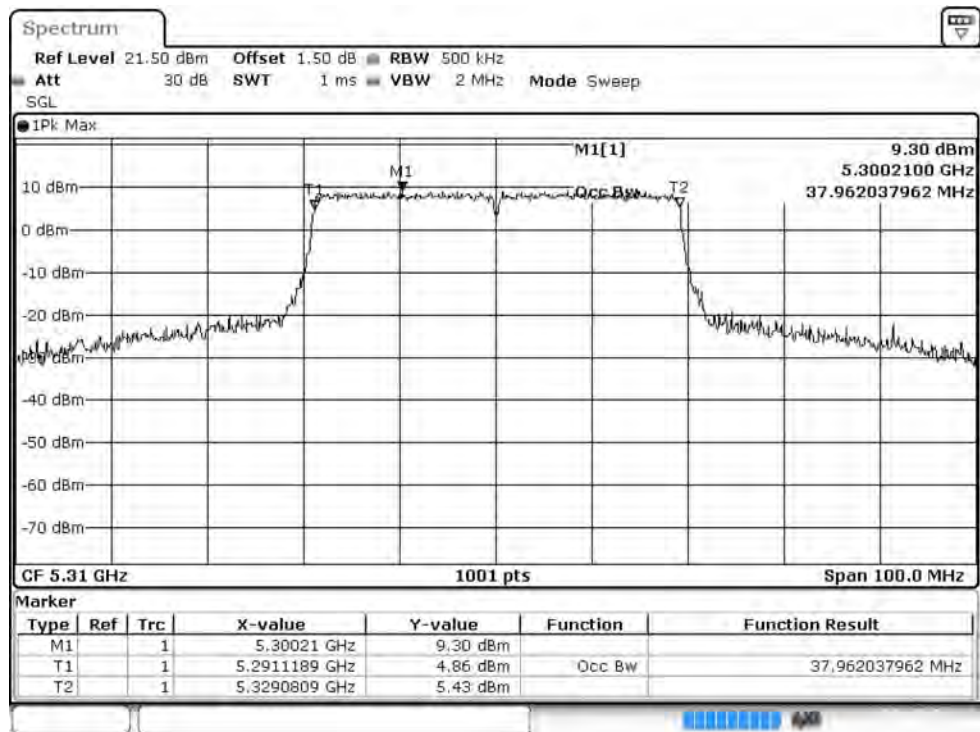
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	18.30	30	--
46	5230	--	20.82	30	--
54	5270	38.062	20.96	24	26.80
62	5310	37.962	17.61	24	26.79
102	5510	37.962	17.29	24	26.79
110	5550	37.962	20.87	24	26.79
134	5670	38.162	19.97	24	26.82
142(U-NII-2C)	5710	34.131	20.48	24	26.33
142(U-NII-3)	5710	--	10.91	30	--
151	5755	--	20.80	30	--
159	5795	--	20.90	30	--

99% Occupied Bandwidth:

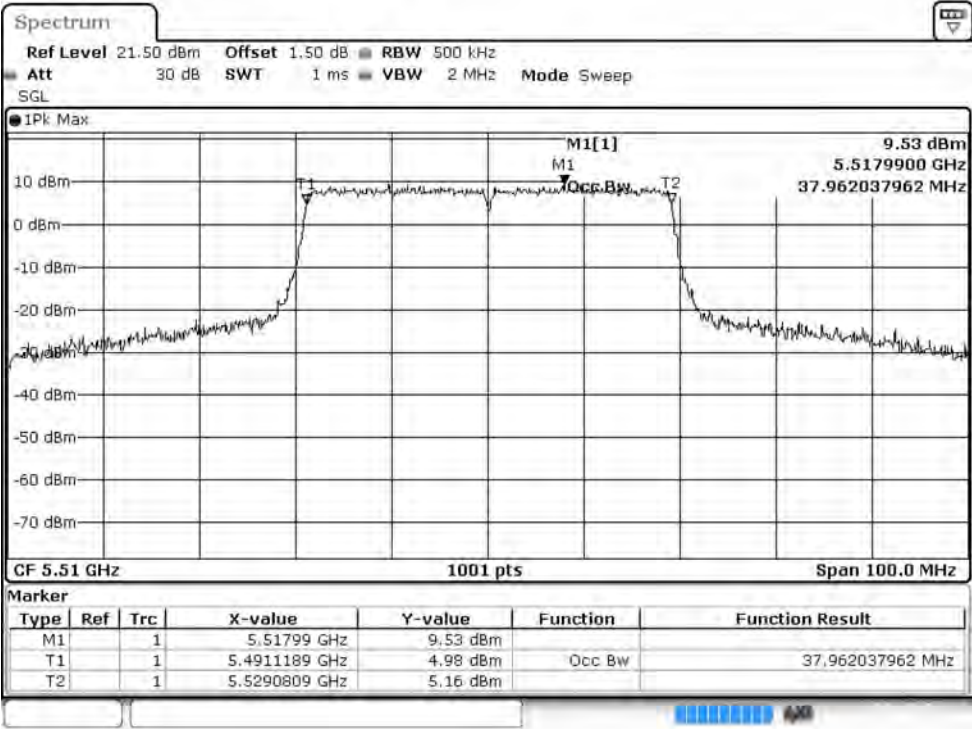
Channel 54



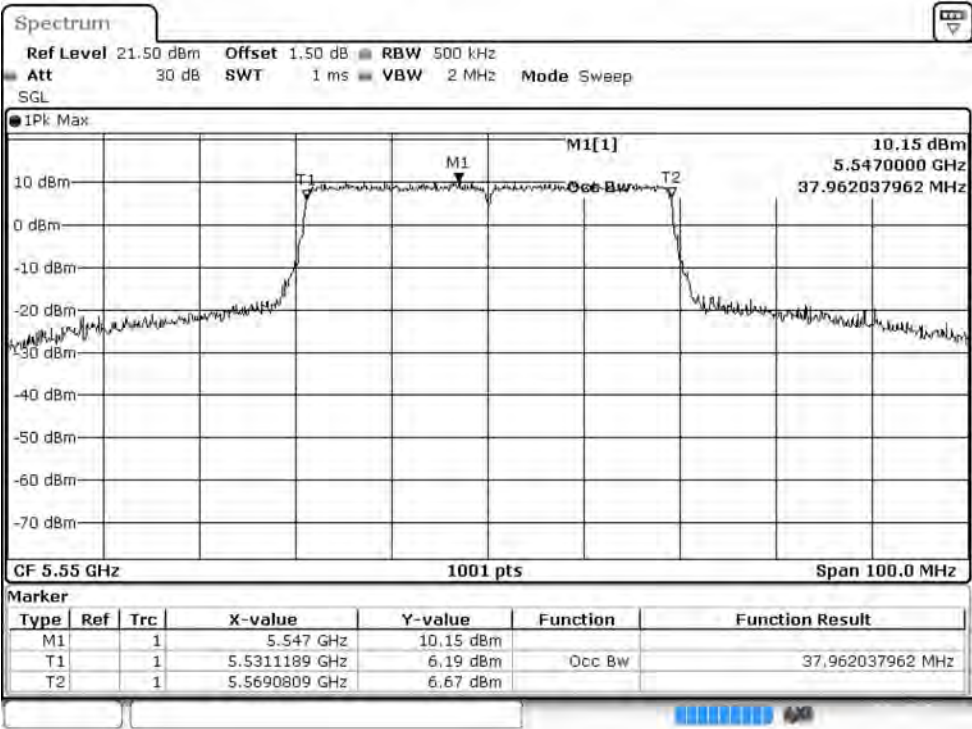
Channel 62



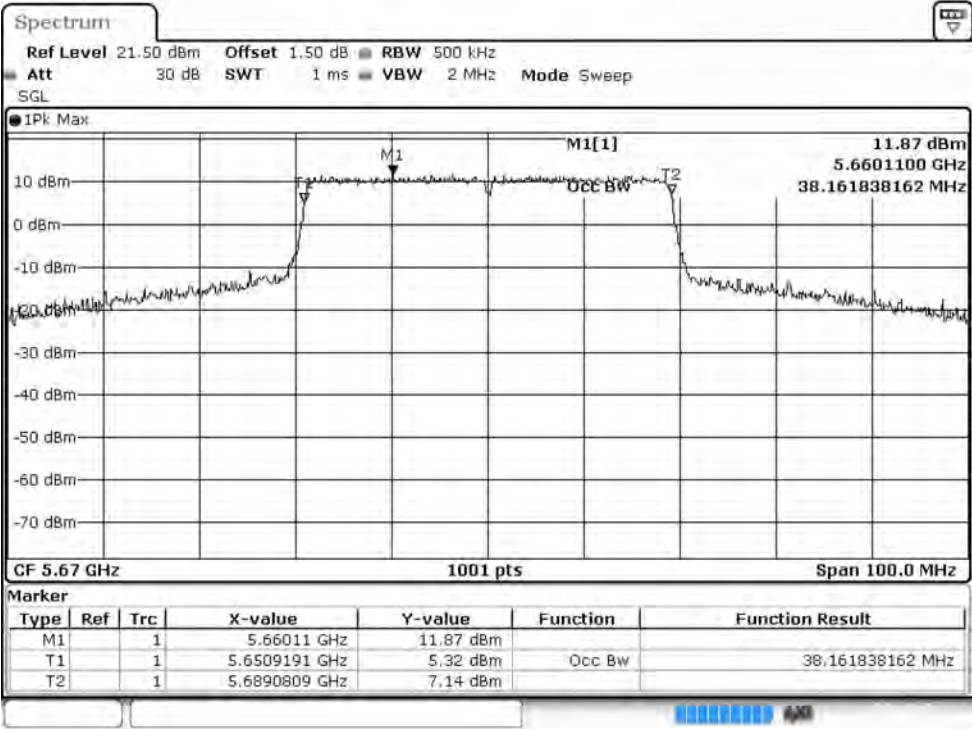
Channel 102



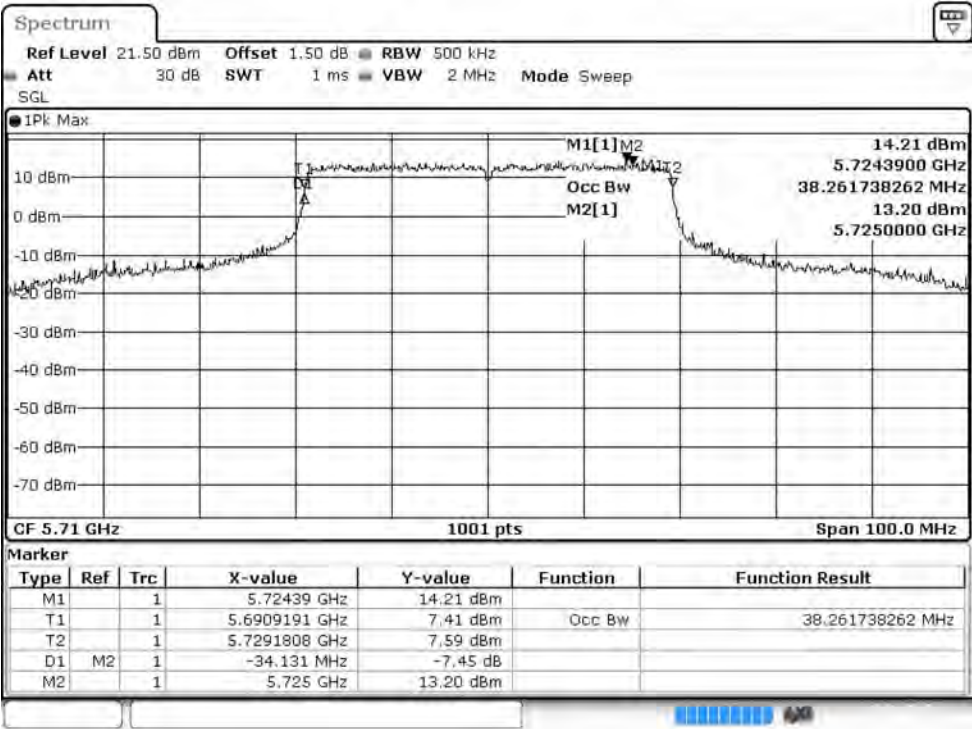
Channel 110



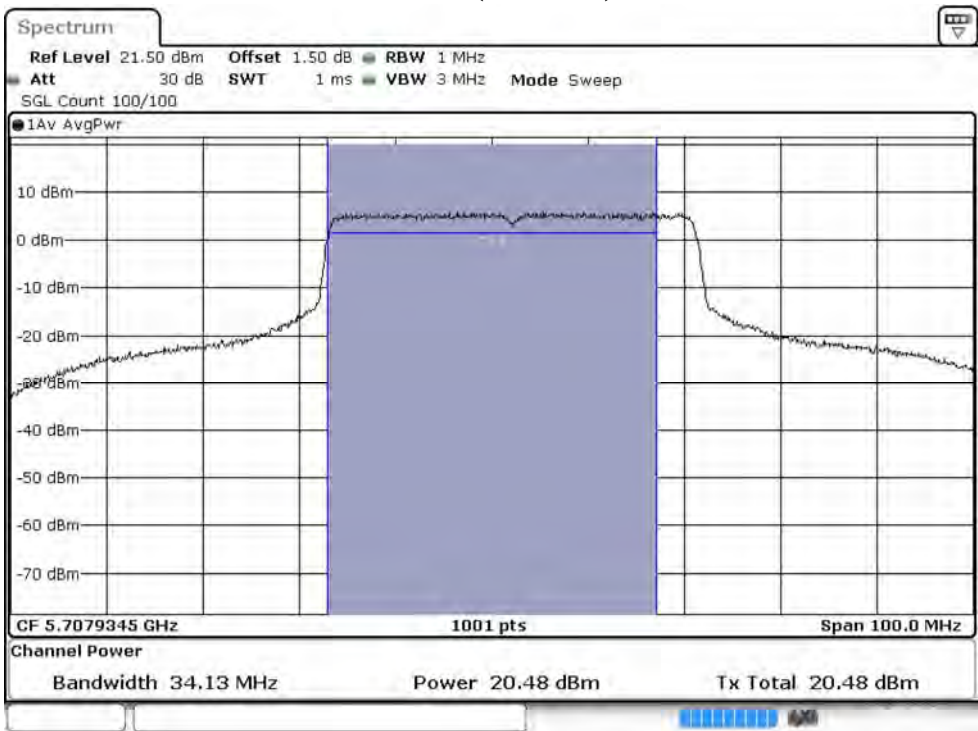
Channel 134



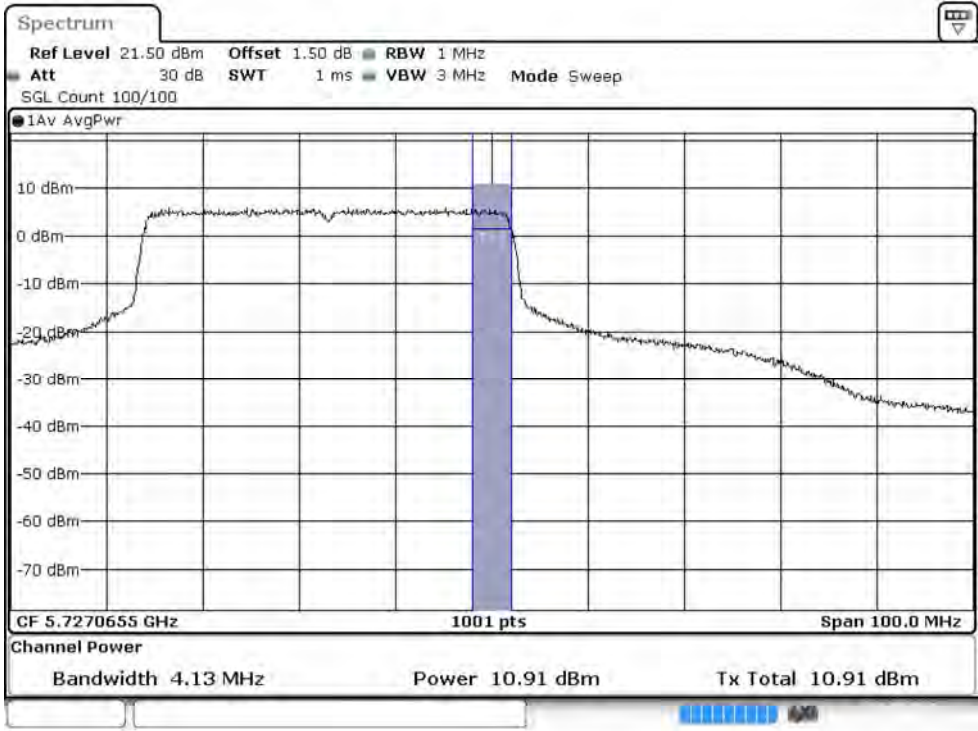
Channel 142



Maximum conducted output power:
Channel 142 (U-NII-2C)



Maximum conducted output power:
Channel 142 (U-NII-3)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 1: SISO A: 發射器 802.11ax-80BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 26 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	18.01	17.97	17.83	17.77	17.63	17.52	17.48	17.38	17.22	17.14	17.02	16.98
58	5290	16.97	16.85	16.73	16.68	16.52	16.41	16.32	16.28	16.13	16.07	15.97	15.82
106	5530	18.28	18.11	18.07	17.93	17.84	17.76	17.63	17.55	17.42	17.34	17.29	17.18
122	5610	20.96	20.81	20.79	20.61	20.52	20.44	20.32	20.22	20.17	20.05	19.97	19.83
138 (U-NII-2C)	5690	20.59	20.44	20.38	20.29	20.15	20.07	19.97	19.86	19.74	19.66	19.53	19.47
138 (U-NII-3)	5690	5.26	5.19	5.02	4.97	4.83	4.78	4.63	4.53	4.44	4.32	4.25	4.11
155	5775	18.73	18.69	18.55	18.44	18.31	18.29	18.17	18.02	17.96	17.83	17.73	17.66

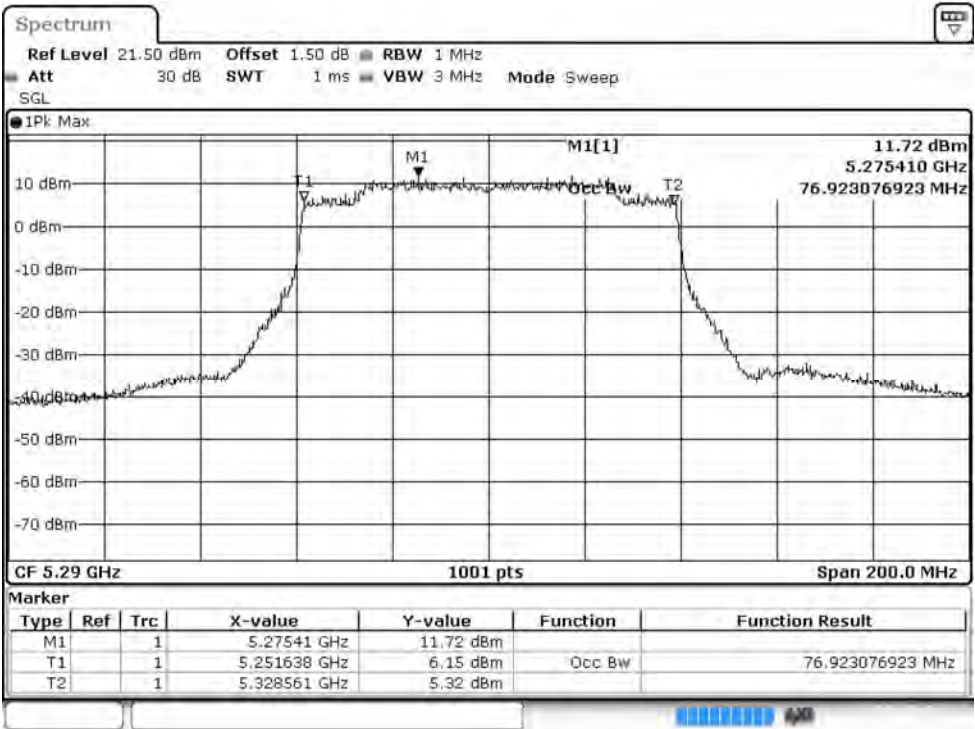
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

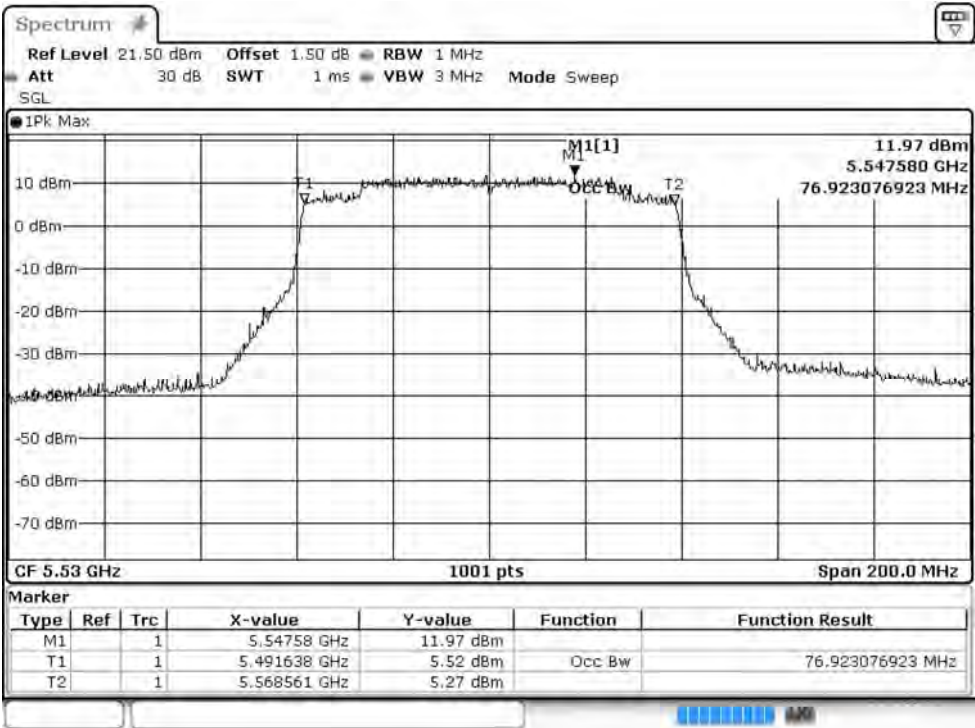
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
42	5210	--	18.01	30	--
58	5290	76.923	16.97	24	29.86
106	5530	76.923	18.28	24	29.86
122	5610	77.123	20.96	24	29.87
138 (U-NII-2C)	5690	73.561	20.59	24	29.67
138 (U-NII-3)	5690	--	5.26	30	--
155	5775	--	18.73	30	--

99% Occupied Bandwidth:

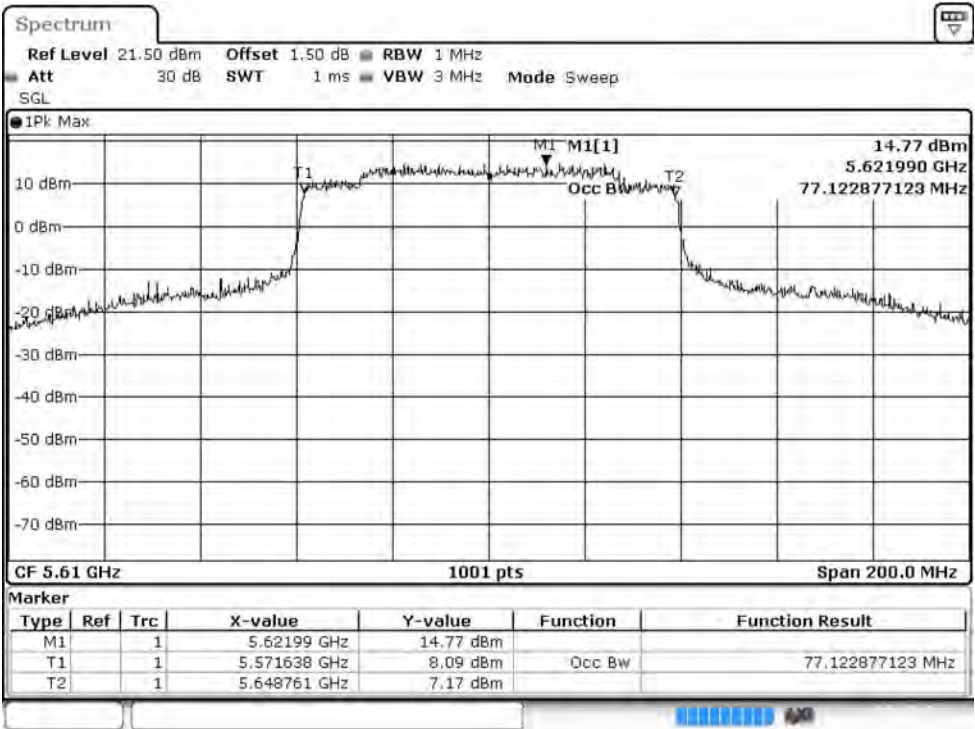
Channel 58



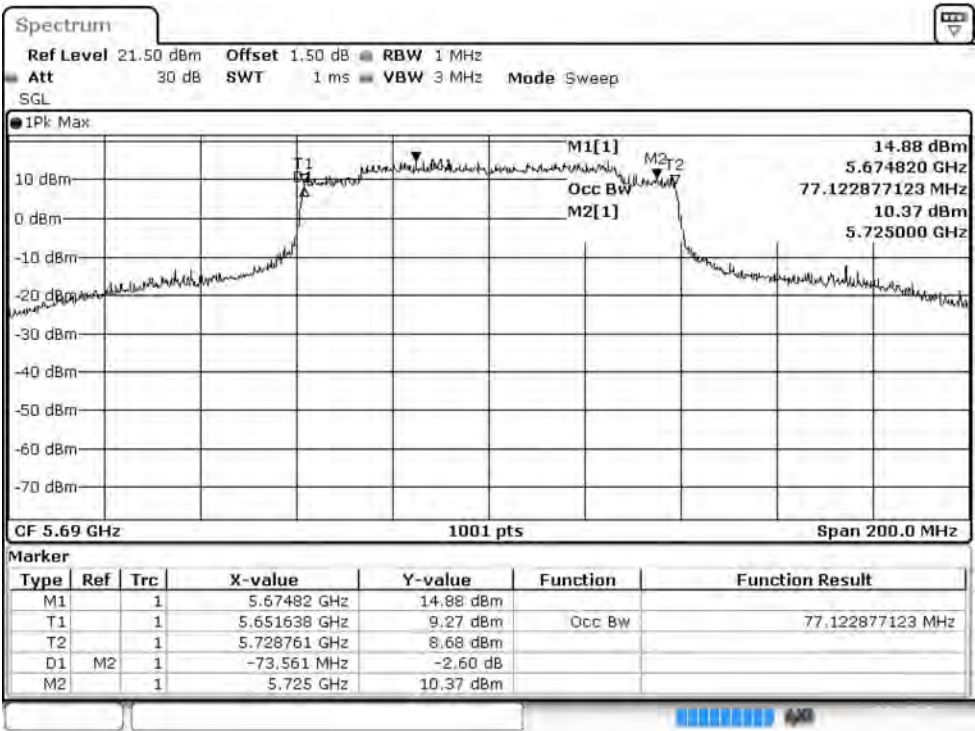
Channel 106



Channel 122

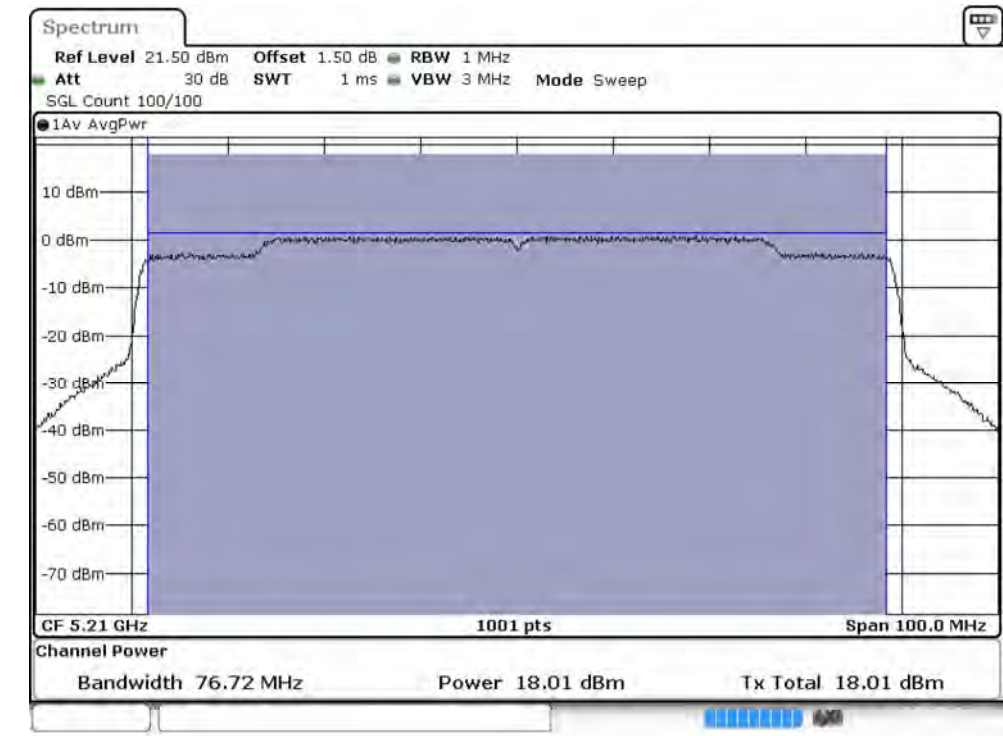


Channel 138



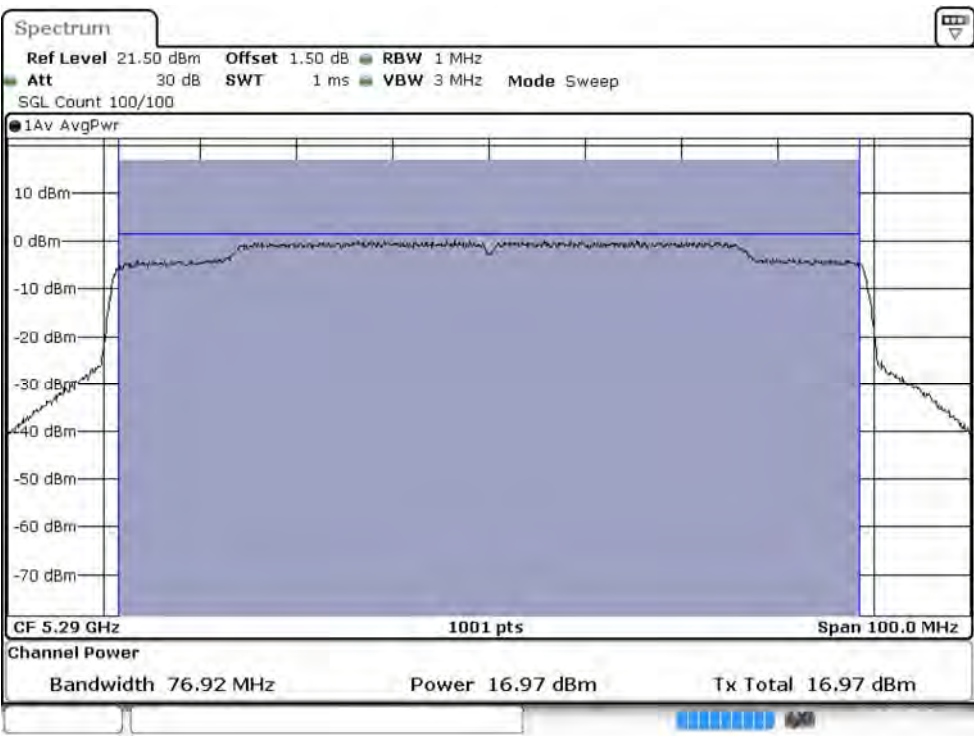
Maximum conducted output power:

Channel 42



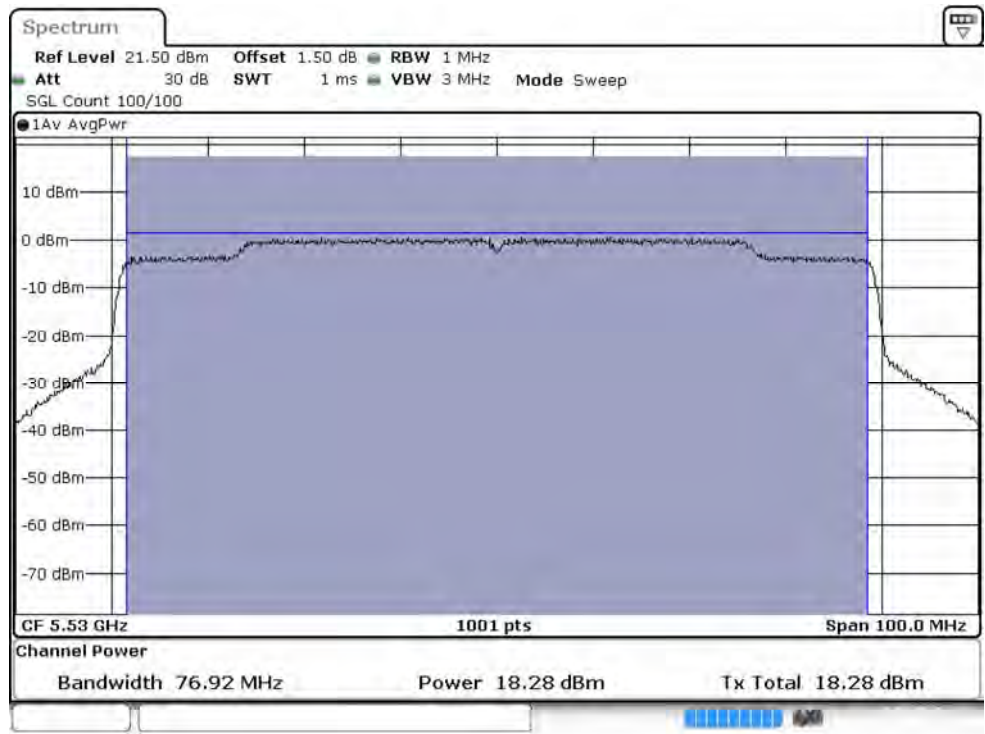
Maximum conducted output power:

Channel 58



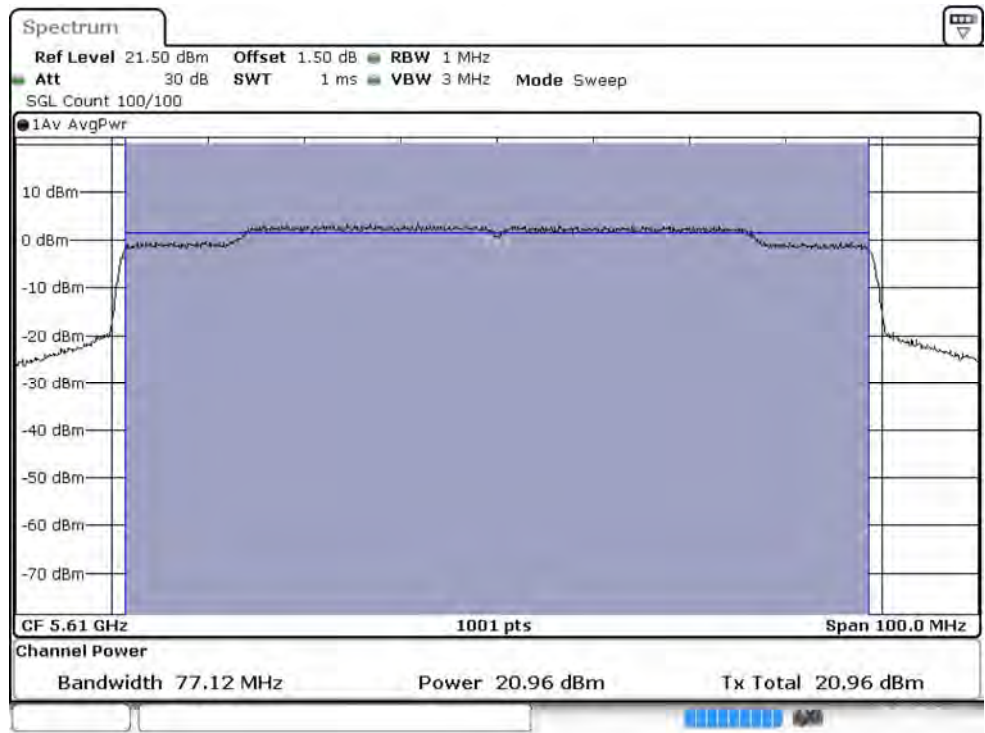
Maximum conducted output power:

Channel 106

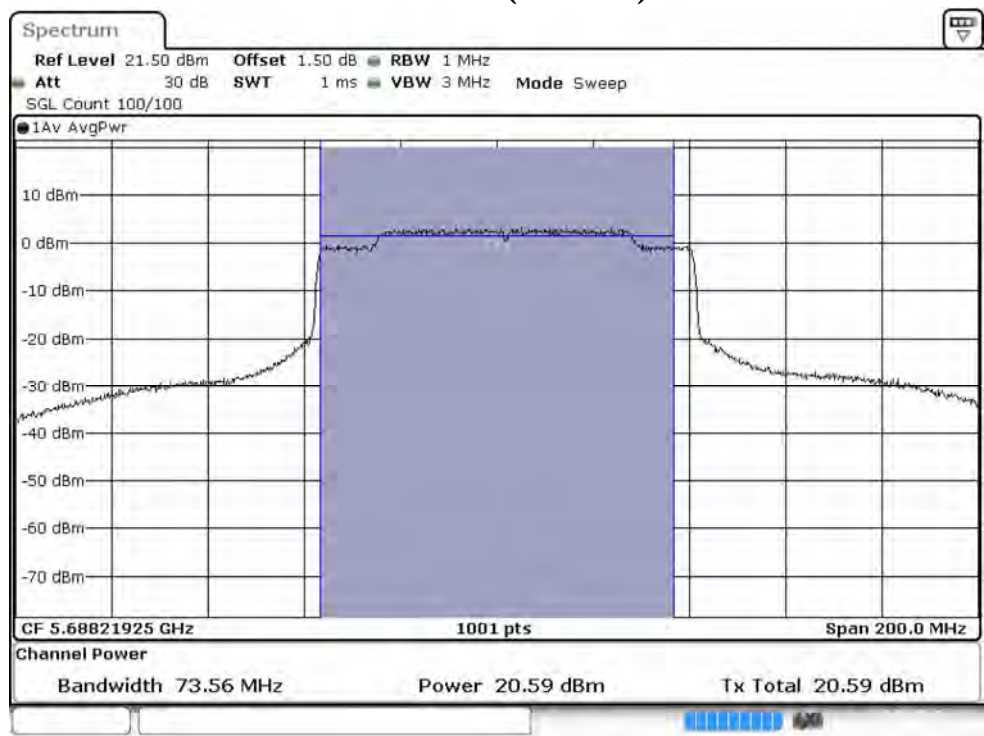


Maximum conducted output power:

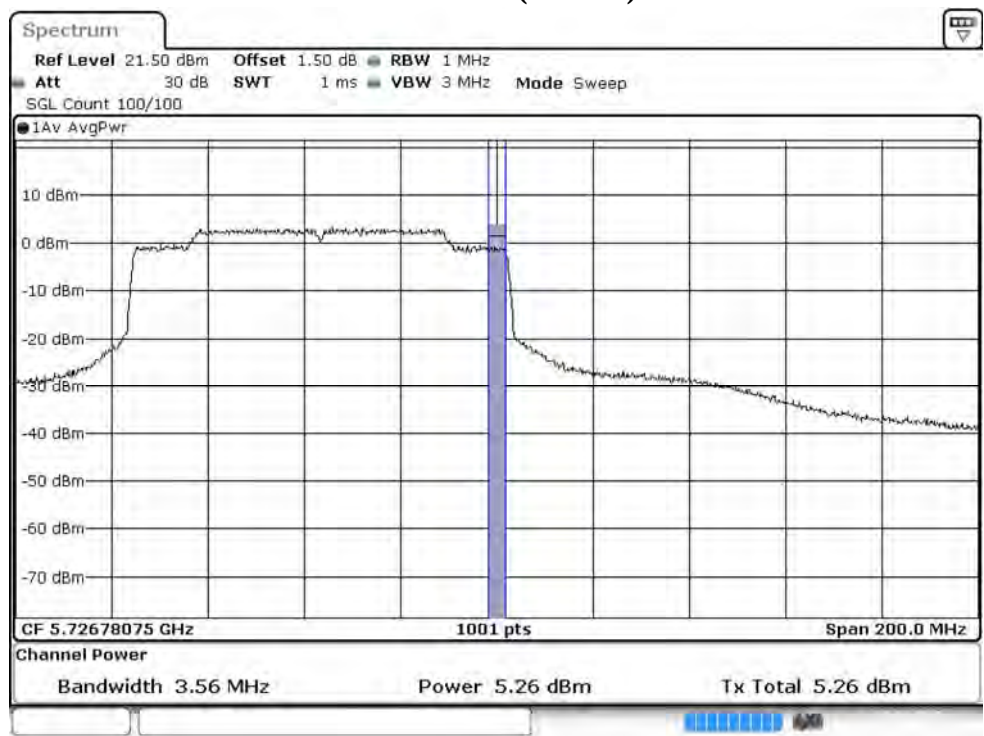
Channel 122



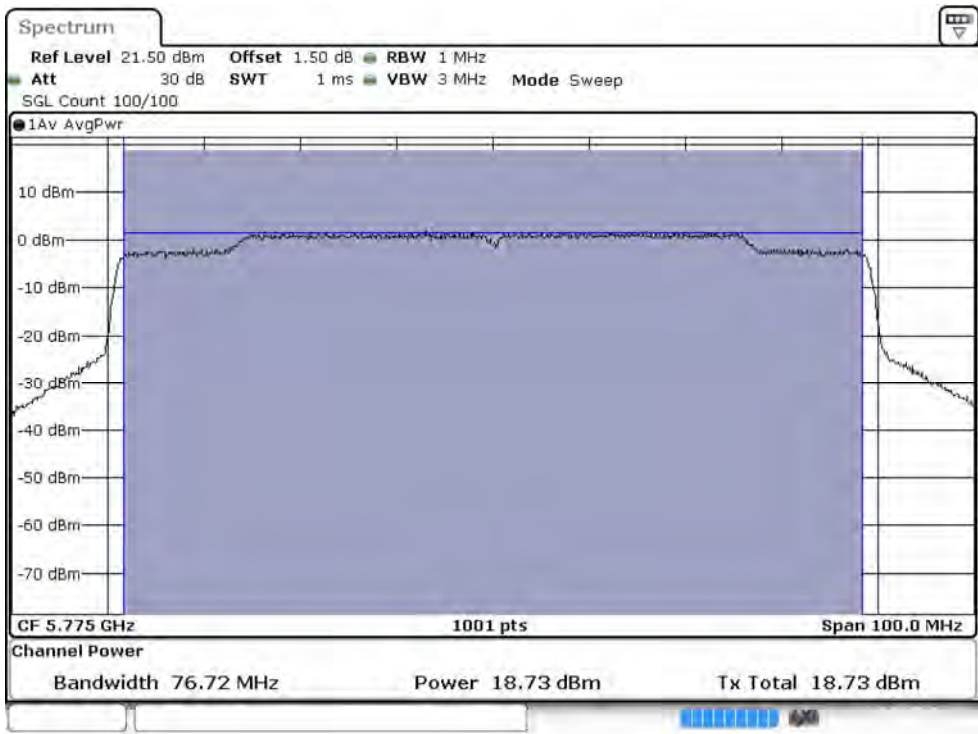
Maximum conducted output power:
Channel 138 (U-NII-2C)



Maximum conducted output power:
Channel 138 (U-NII-3)



Maximum conducted output power:
Channel 155



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 1: SISO A: 發射器 802.11ax-160BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 26 日

環境濕度：53 %

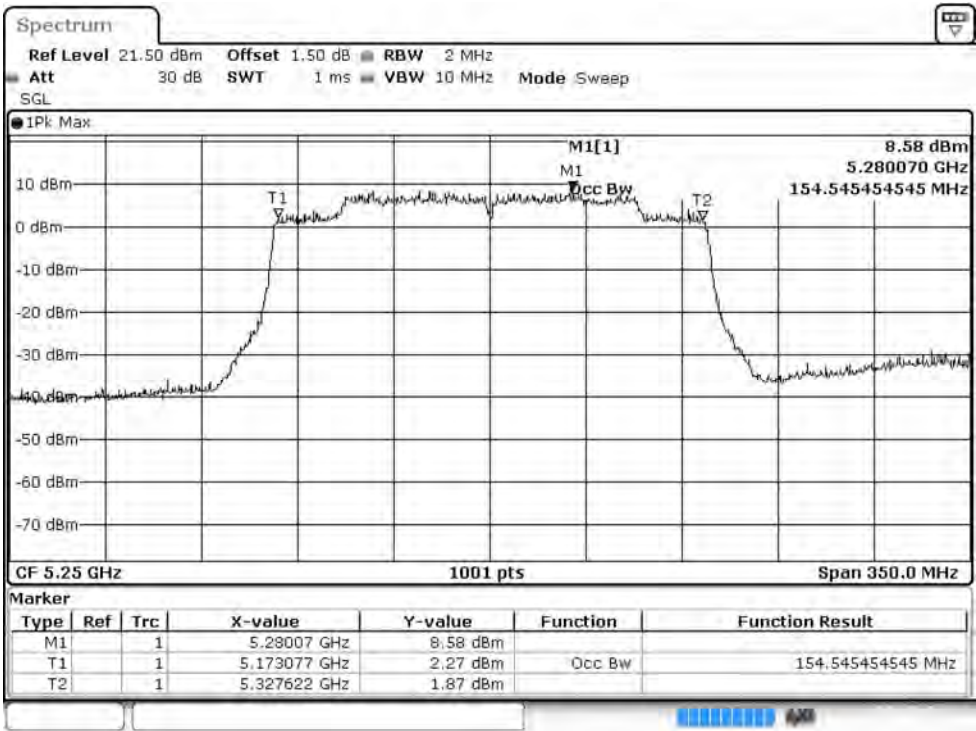
Cable loss=1.5dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50 (U-NII-1)	5250	10.85	18.74	18.61	18.52	18.47	18.33	18.24	18.19	18.02	17.98	17.83	17.77
50 (U-NII-2A)	5250	10.61	10.55	10.48	10.39	10.21	10.17	10.09	9.97	9.83	9.74	9.66	9.53
114	5570	13.73	13.61	13.59	13.41	13.38	13.26	13.12	13.05	12.98	12.87	12.74	12.67

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

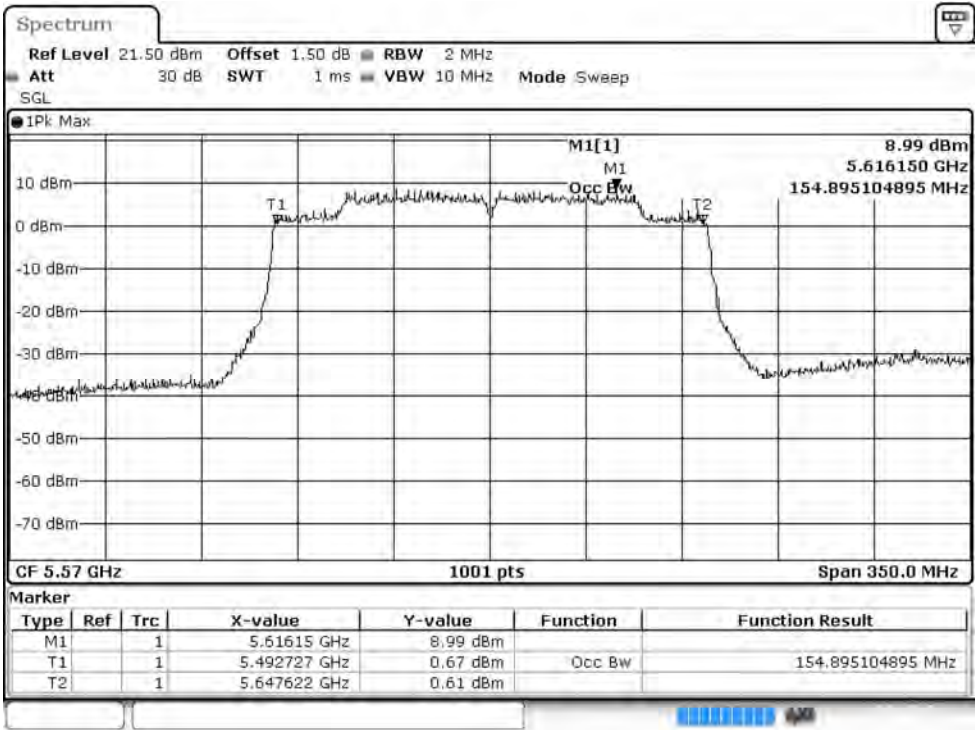
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
50 (U-NII-1)	5250	--	10.85	30	--
50 (U-NII-2A)	5250	77.273	10.61	24	29.88
114	5570	154.895	13.73	24	32.90

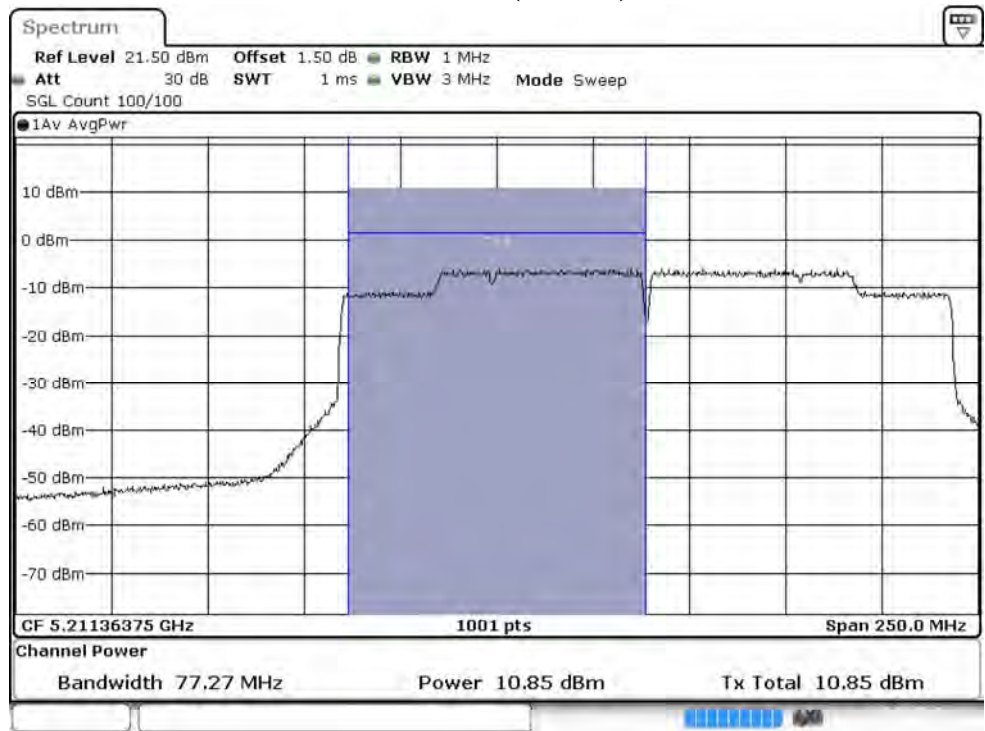
99% Occupied Bandwidth:
Channel 50



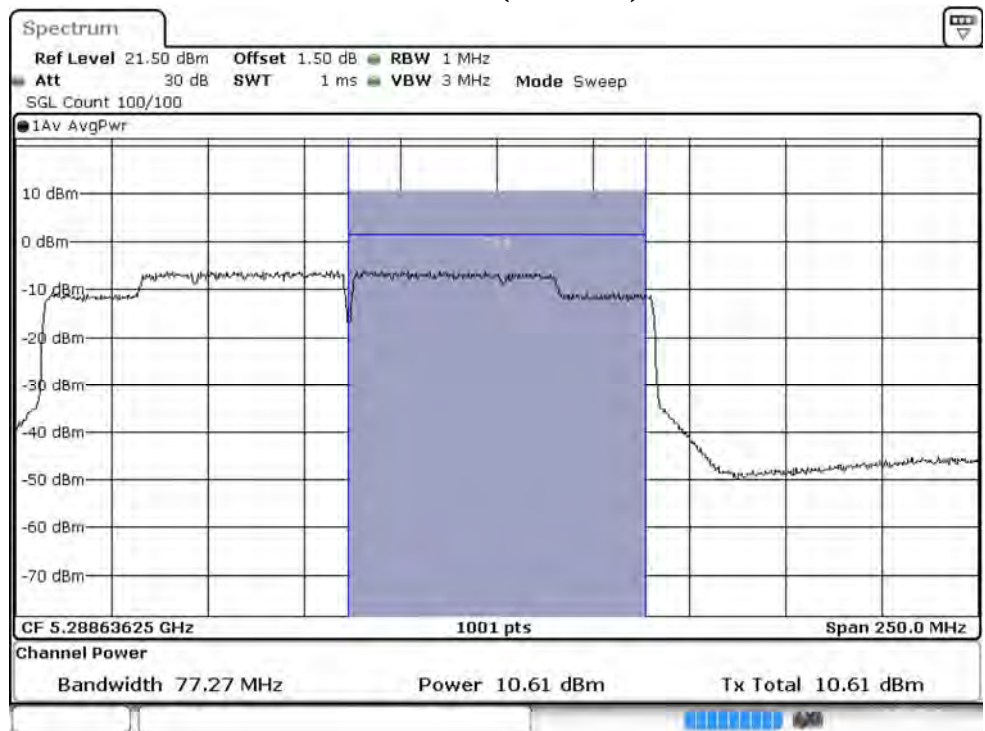
Channel 114



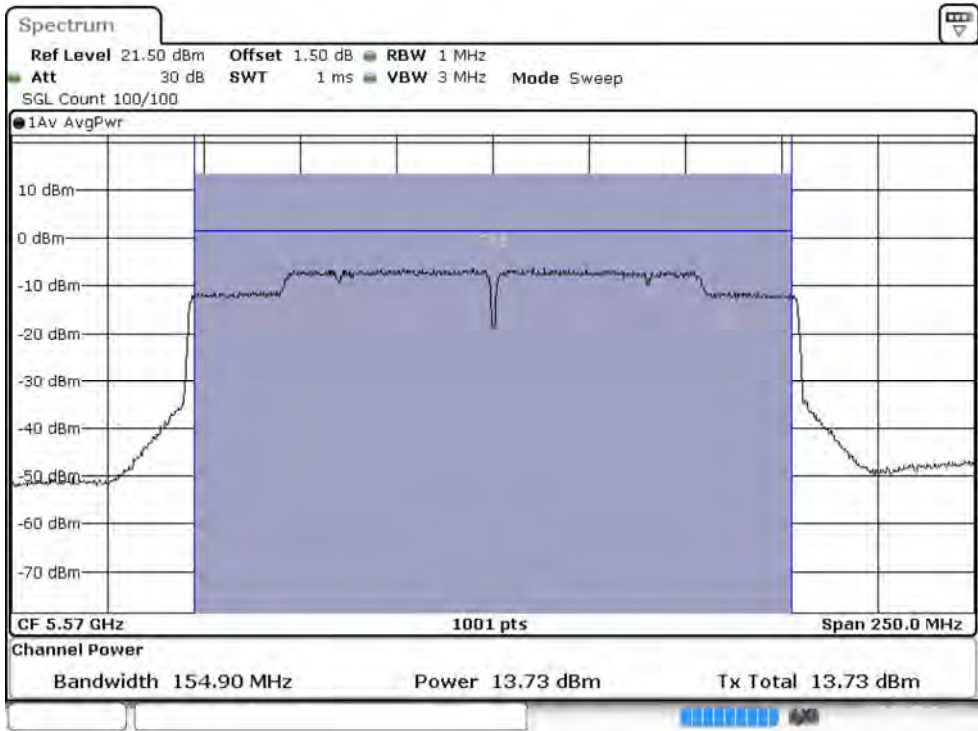
Maximum conducted output power:
Channel 50 (U-NII-1)



Maximum conducted output power:
Channel 50 (U-NII-2A)



Maximum conducted output power:
Channel 114



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO B: 發射器 802.11ax-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：107年09月26日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
36	5180	18.25	--	--	--	--	--	--	--	--	--	--	--
44	5220	20.97	20.83	20.75	20.61	20.59	20.42	20.37	20.28	20.15	20.07	19.92	19.83
48	5240	20.94	--	--	--	--	--	--	--	--	--	--	--
52	5260	20.81	--	--	--	--	--	--	--	--	--	--	--
60	5300	20.99	20.81	20.73	20.67	20.55	20.41	20.35	20.21	20.16	20.09	19.95	19.88
64	5320	17.79	--	--	--	--	--	--	--	--	--	--	--
100	5500	18.41	--	--	--	--	--	--	--	--	--	--	--
116	5580	20.84	20.77	20.61	20.53	20.48	20.37	20.24	20.16	20.07	19.89	19.75	19.64
140	5700	18.42	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	19.77	19.63	19.55	19.47	19.33	19.28	19.11	19.08	18.97	18.86	18.73	18.64
144(U-NII-3)	5720	14.66	14.51	14.43	14.39	14.28	14.17	14.05	13.97	13.83	13.74	13.65	13.52
149	5745	20.82	--	--	--	--	--	--	--	--	--	--	--
157	5785	20.89	20.71	20.63	20.55	20.49	20.34	20.27	20.15	20.02	19.86	19.71	19.62
165	5825	20.71	--	--	--	--	--	--	--	--	--	--	--

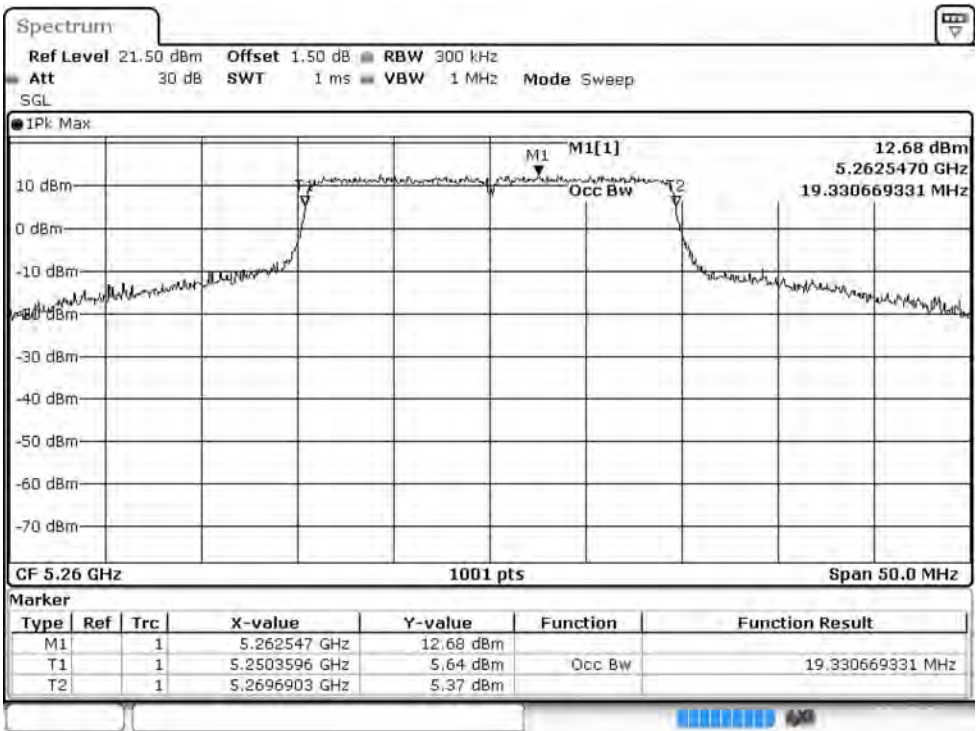
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

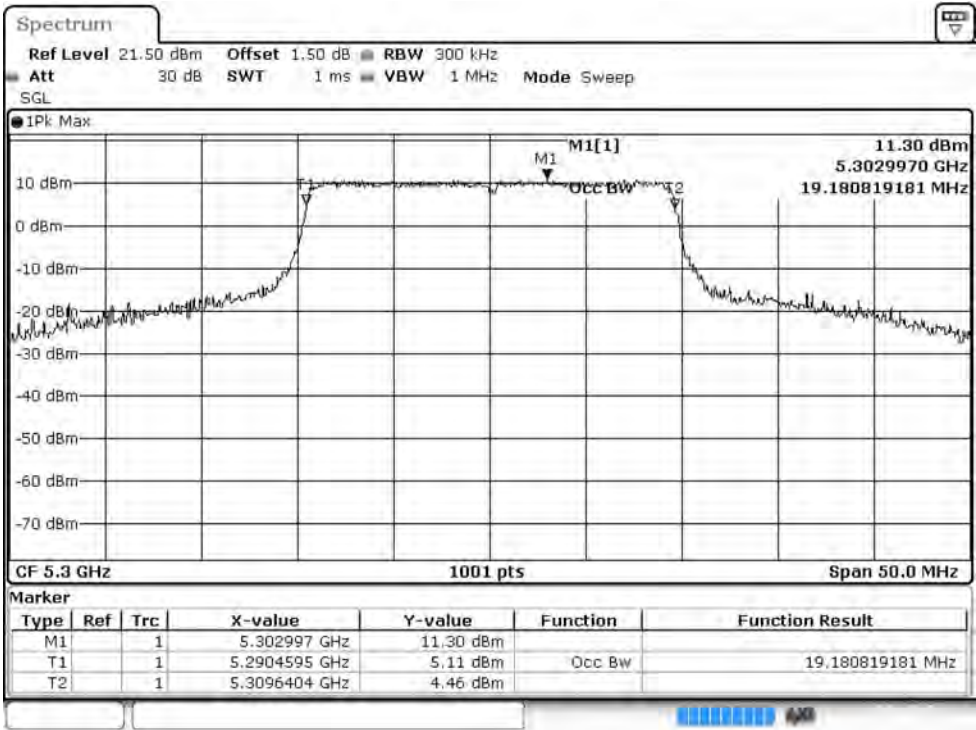
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	18.25	30	--
44	5220	--	20.97	30	--
48	5240	--	20.94	30	--
52	5260	19.331	20.81	24	23.86
60	5300	19.181	20.99	24	23.83
64	5320	19.081	17.79	24	23.81
100	5500	19.131	18.41	24	23.82
116	5580	19.331	20.84	24	23.86
140	5700	19.131	18.42	24	23.82
144(U-NII-2C)	5720	14.716	19.77	24	22.68
144(U-NII-3)	5720	--	14.66	30	--
149	5745	--	20.82	30	--
157	5785	--	20.89	30	--
165	5825	--	20.71	30	--

99% Occupied Bandwidth:

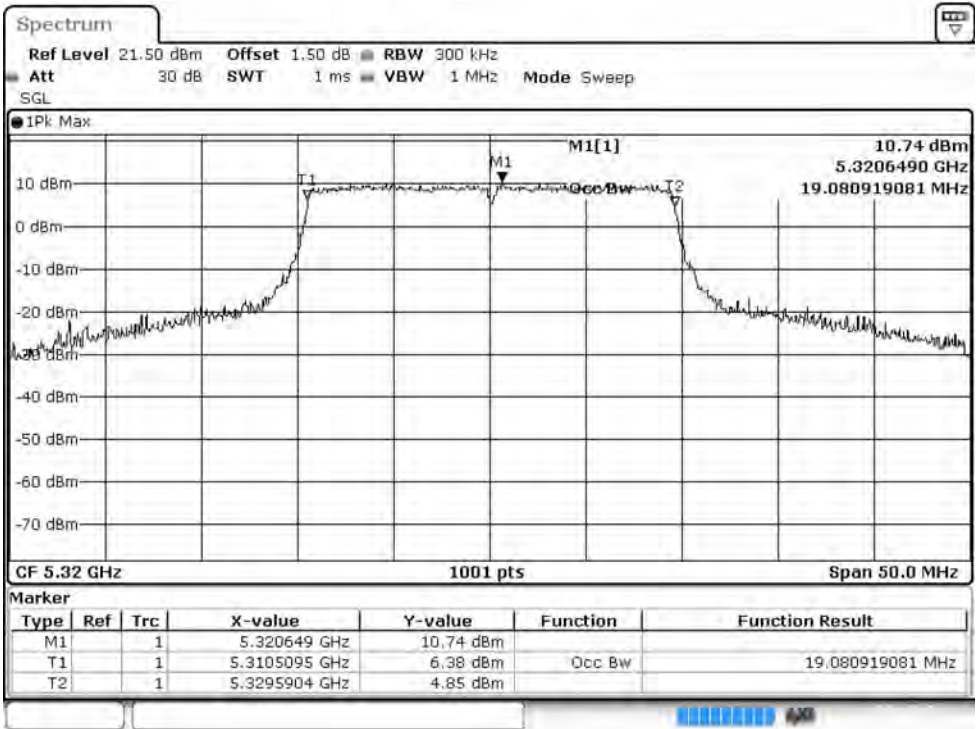
Channel 52



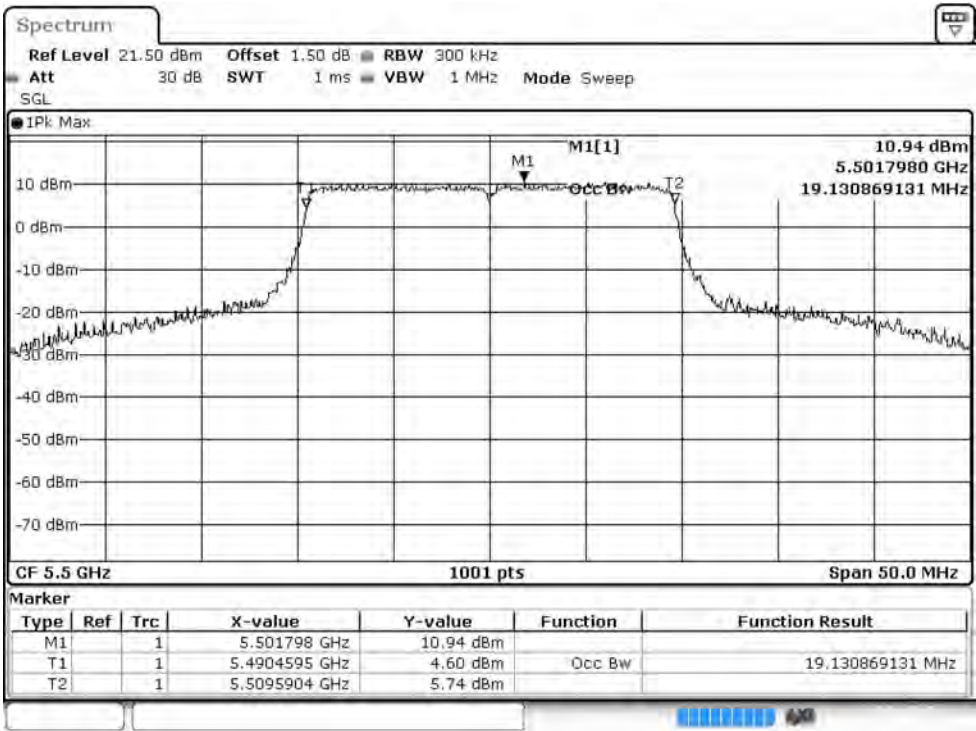
Channel 60



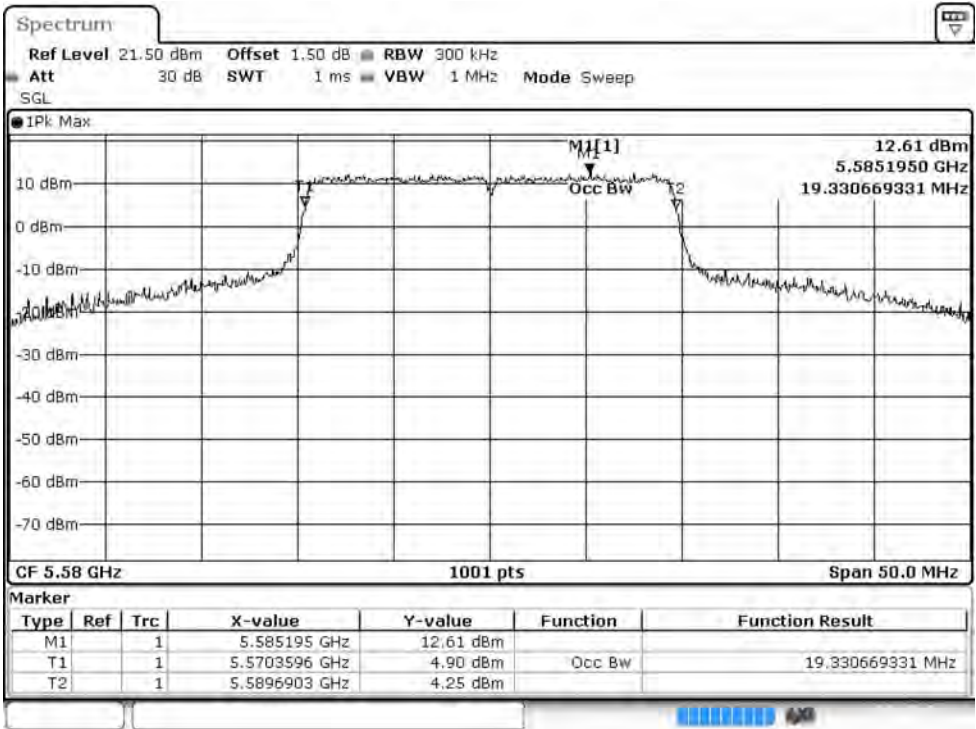
Channel 64



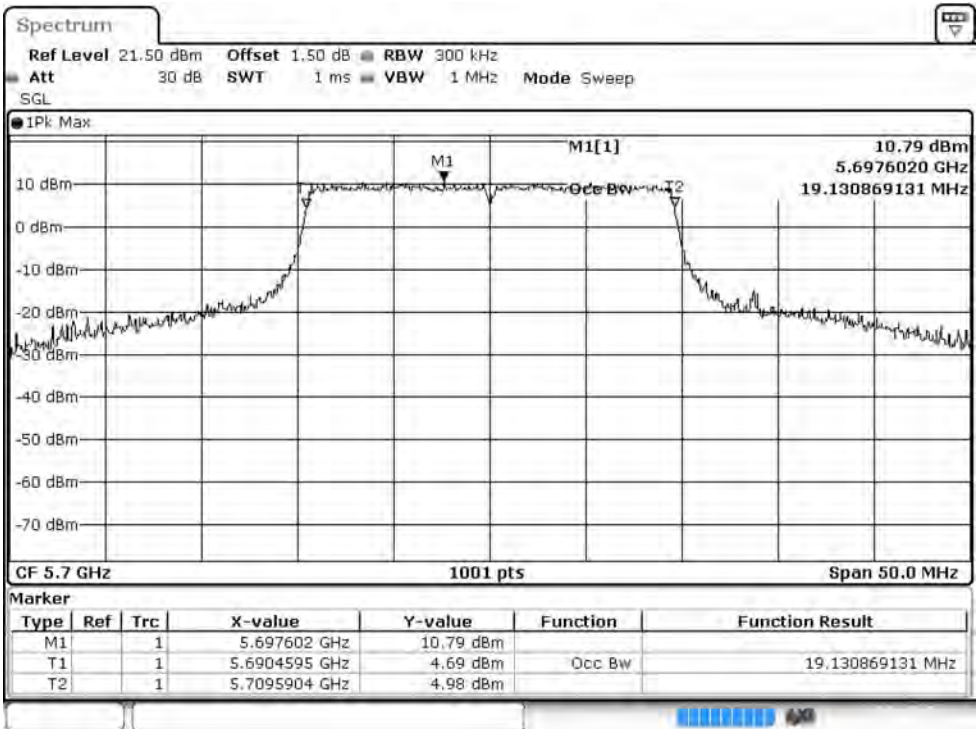
Channel 100



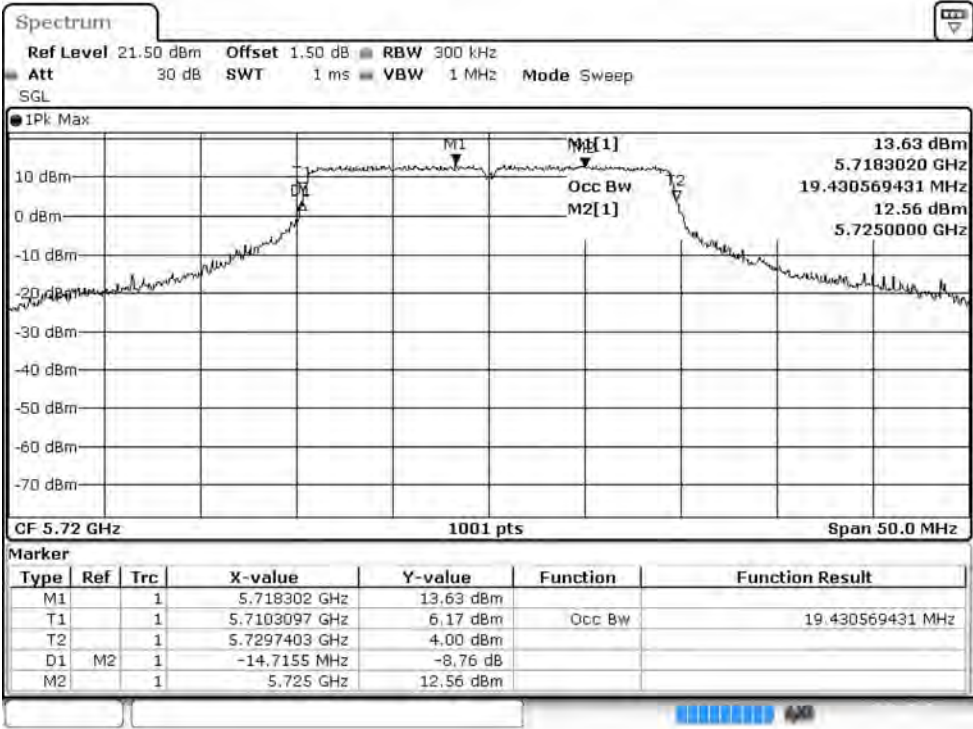
Channel 116



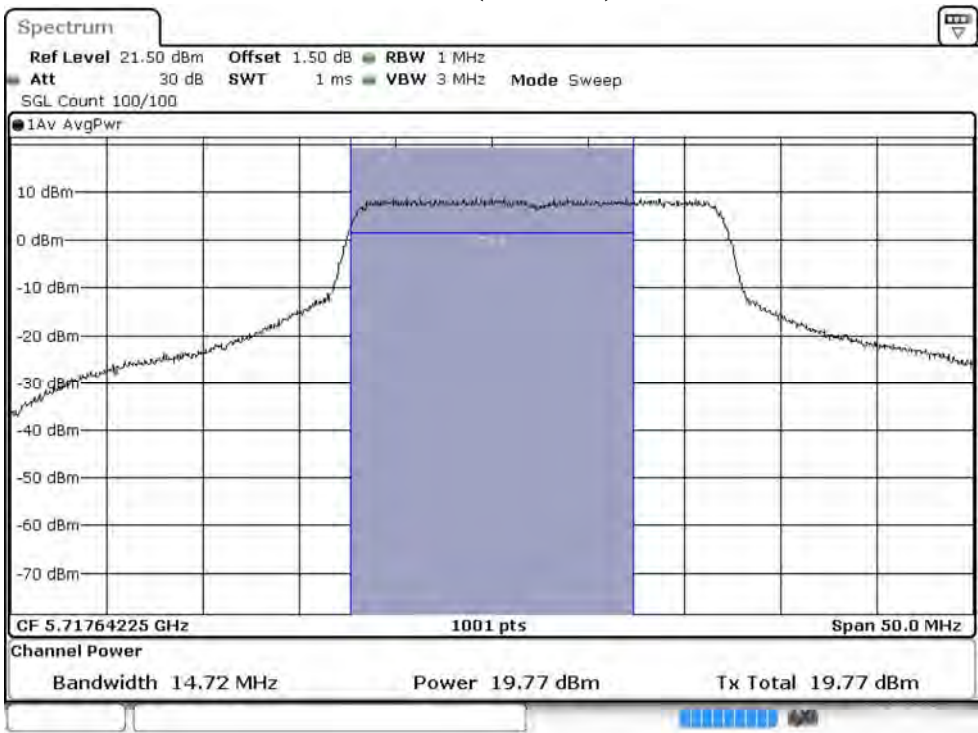
Channel 140



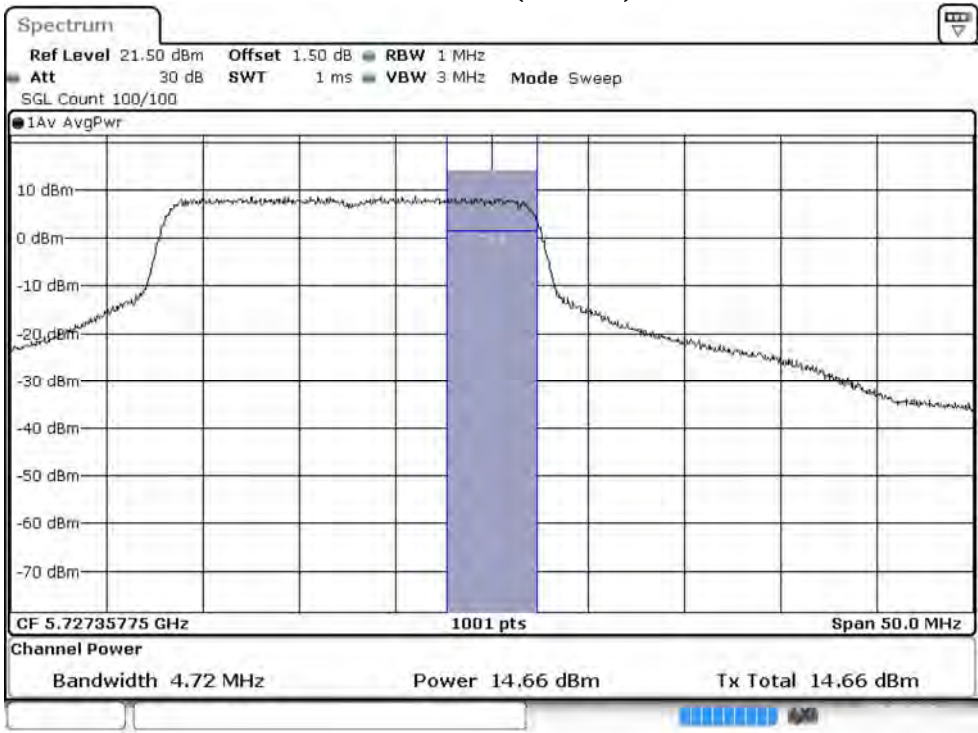
Channel 144



Maximum conducted output power:
Channel 144 (U-NII-2C)



Maximum conducted output power:
Channel 144 (U-NII-3)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO B: 發射器 802.11ax-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
38	5190	18.43	--	--	--	--	--	--	--	--	--	--	--
46	5230	20.81	20.73	20.69	20.58	20.41	20.33	20.27	20.16	20.05	19.93	19.86	19.71
54	5270	20.88	--	--	--	--	--	--	--	--	--	--	--
62	5310	16.99	16.88	16.74	16.63	16.52	16.48	16.33	16.28	16.15	16.07	15.92	15.88
102	5510	17.38	--	--	--	--	--	--	--	--	--	--	--
110	5550	20.86	20.76	20.65	20.54	20.41	20.38	20.25	20.17	20.08	19.96	19.85	19.74
134	5670	19.93	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	20.45	20.31	20.27	20.15	20.08	19.97	19.83	19.77	19.63	19.52	19.48	19.33
142(U-NII-3)	5710	11.01	10.97	10.83	10.77	10.63	10.51	10.48	10.32	10.28	10.18	10.05	9.94
151	5755	20.81	--	--	--	--	--	--	--	--	--	--	--
159	5795	20.87	20.71	20.67	20.51	20.44	20.33	20.29	20.18	20.04	19.91	19.82	19.76

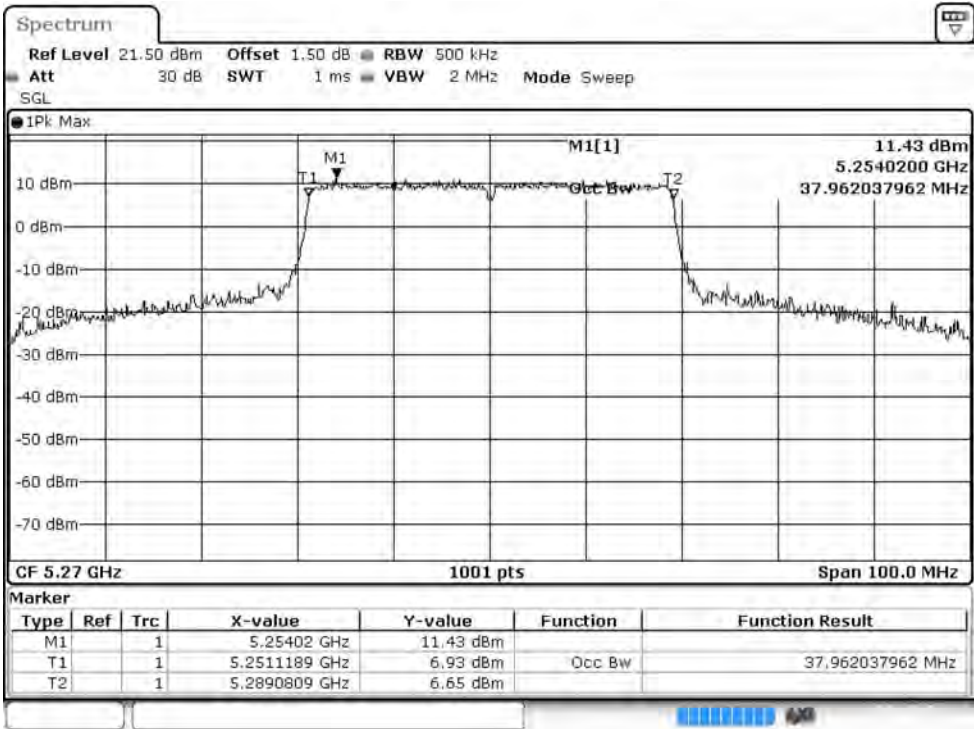
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

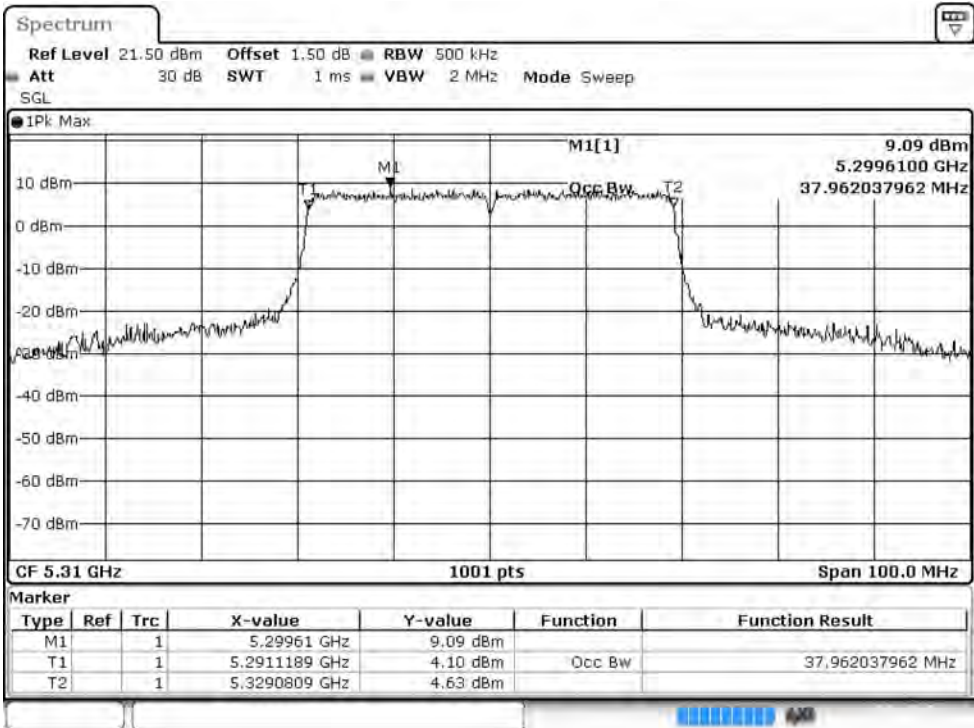
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	18.43	30	--
46	5230	--	20.81	30	--
54	5270	37.962	20.88	24	26.79
62	5310	37.962	16.99	24	26.79
102	5510	38.062	17.38	24	26.80
110	5550	37.962	20.86	24	26.79
134	5670	38.162	19.93	24	26.82
142(U-NII-2C)	5710	34.131	20.45	24	26.33
142(U-NII-3)	5710	--	11.01	30	--
151	5755	--	20.81	30	--
159	5795	--	20.87	30	--

99% Occupied Bandwidth:

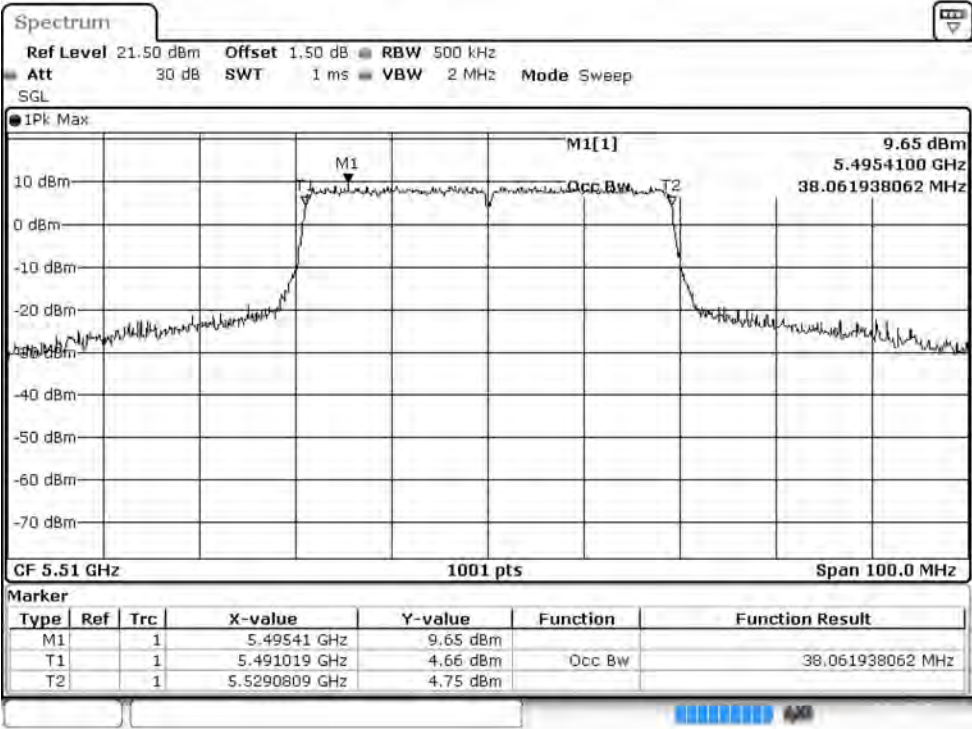
Channel 54



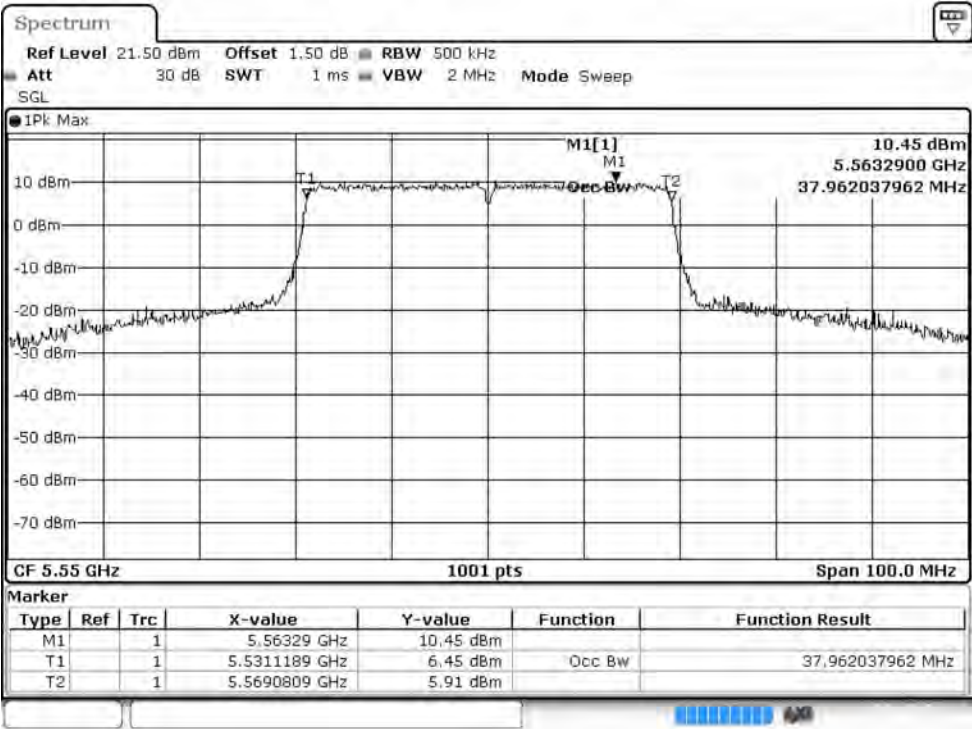
Channel 62



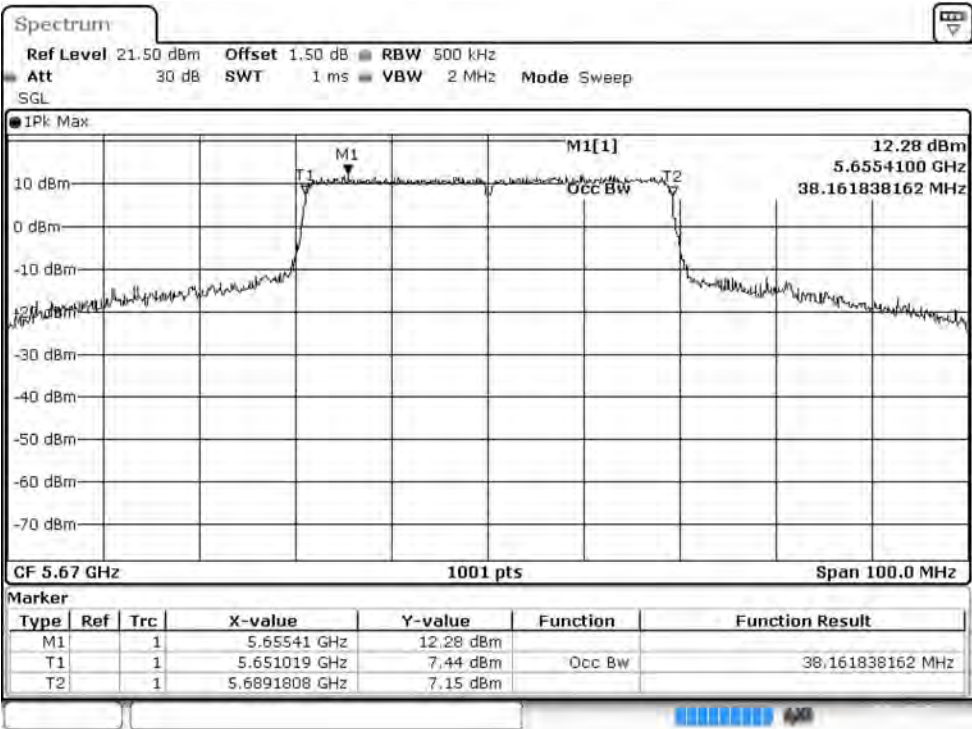
Channel 102



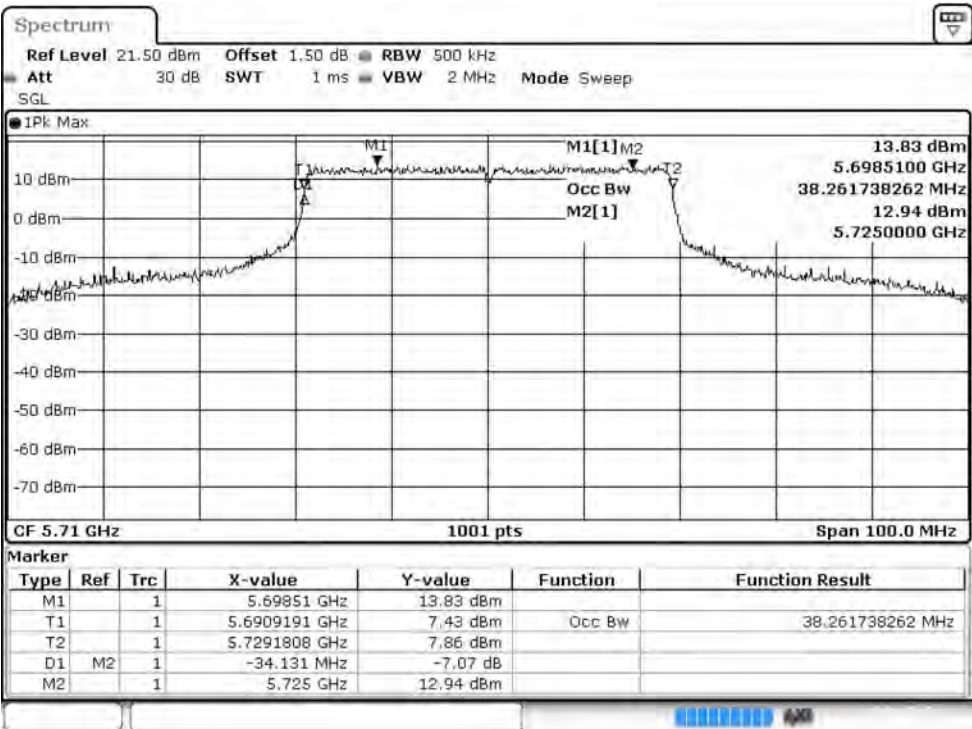
Channel 110



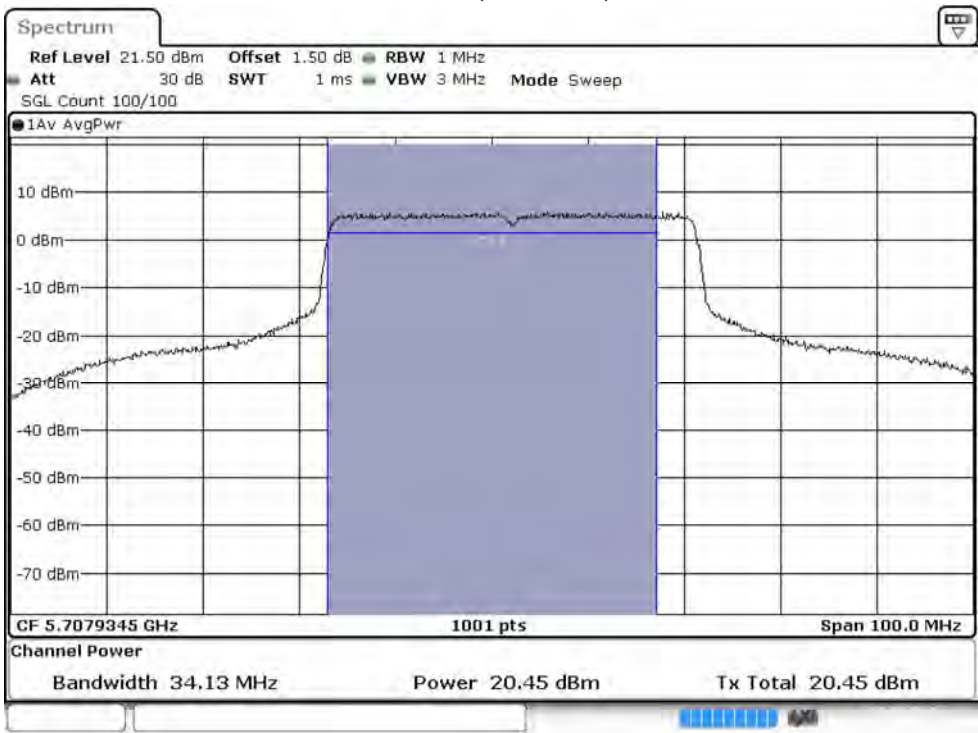
Channel 134



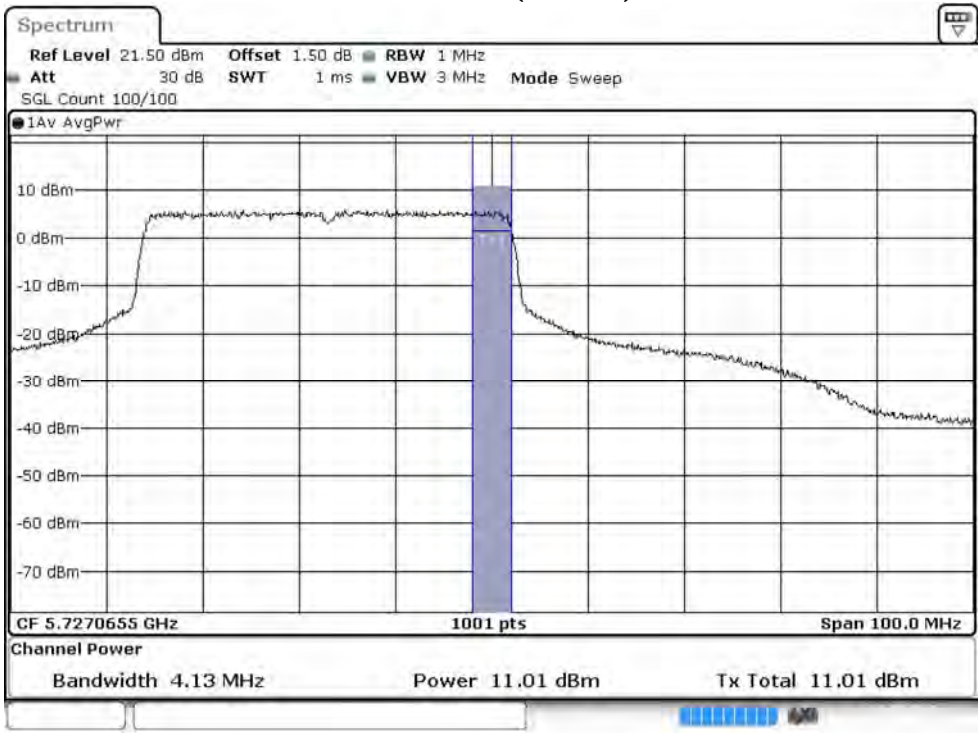
Channel 142



Maximum conducted output power:
Channel 142 (U-NII-2C)



Maximum conducted output power:
Channel 142 (U-NII-3)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO B: 發射器 802.11ax-80BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 26 日

環境濕度：53 %

Cable loss=1.5dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	18.17	18.02	17.98	17.83	17.77	17.63	17.58	17.41	17.38	17.22	17.14	17.02
58	5290	17.13	17.05	16.97	16.84	16.72	16.66	16.53	16.47	16.32	16.27	16.13	16.08
106	5530	18.32	--	--	--	--	--	--	--	--	--	--	--
122	5610	20.71	20.66	20.51	20.47	20.36	20.29	20.15	20.08	19.97	19.83	19.76	19.63
138 (U-NII-2C)	5690	20.69	--	--	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	4.99	--	--	--	--	--	--	--	--	--	--	--
155	5775	18.95	18.87	18.74	18.69	18.52	18.43	18.36	18.21	18.17	18.02	17.99	17.83

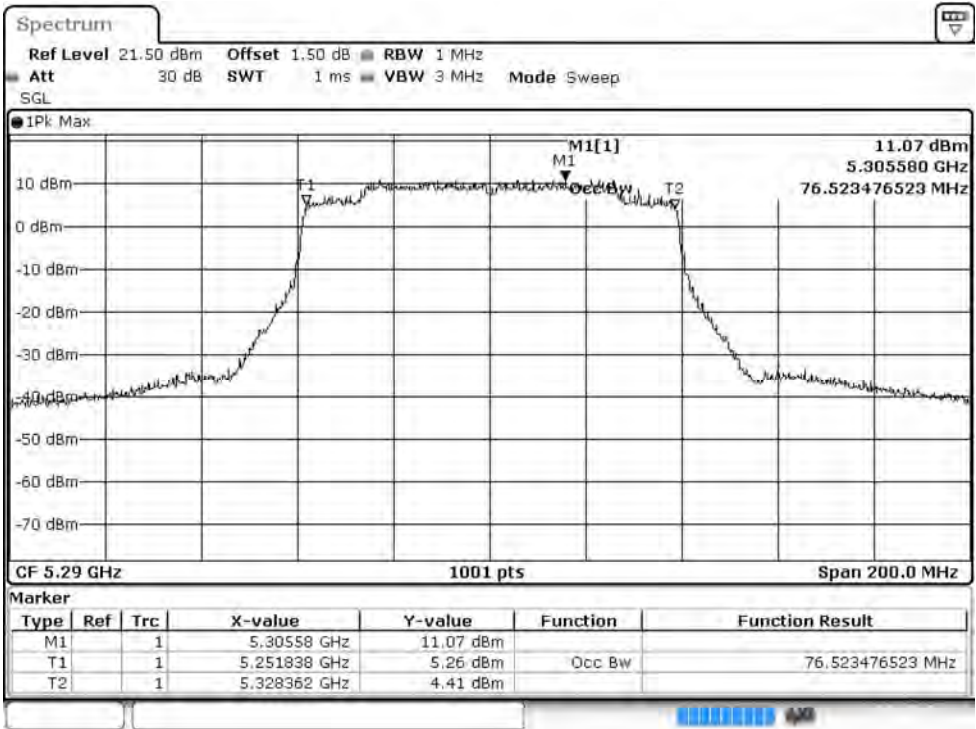
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

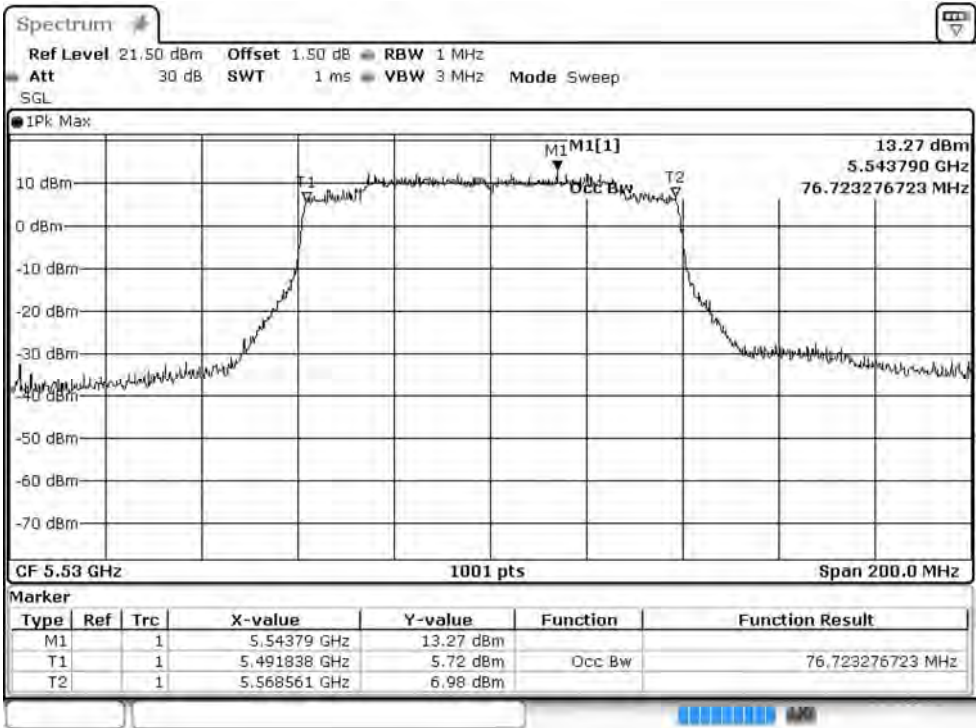
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
42	5210	--	18.17	30	--
58	5290	76.523	17.13	24	29.84
106	5530	76.723	18.32	24	29.85
122	5610	77.123	20.71	24	29.87
138 (U-NII-2C)	5690	73.561	20.69	24	29.67
138 (U-NII-3)	5690	--	4.99	30	--
155	5775	--	18.95	30	--

99% Occupied Bandwidth:

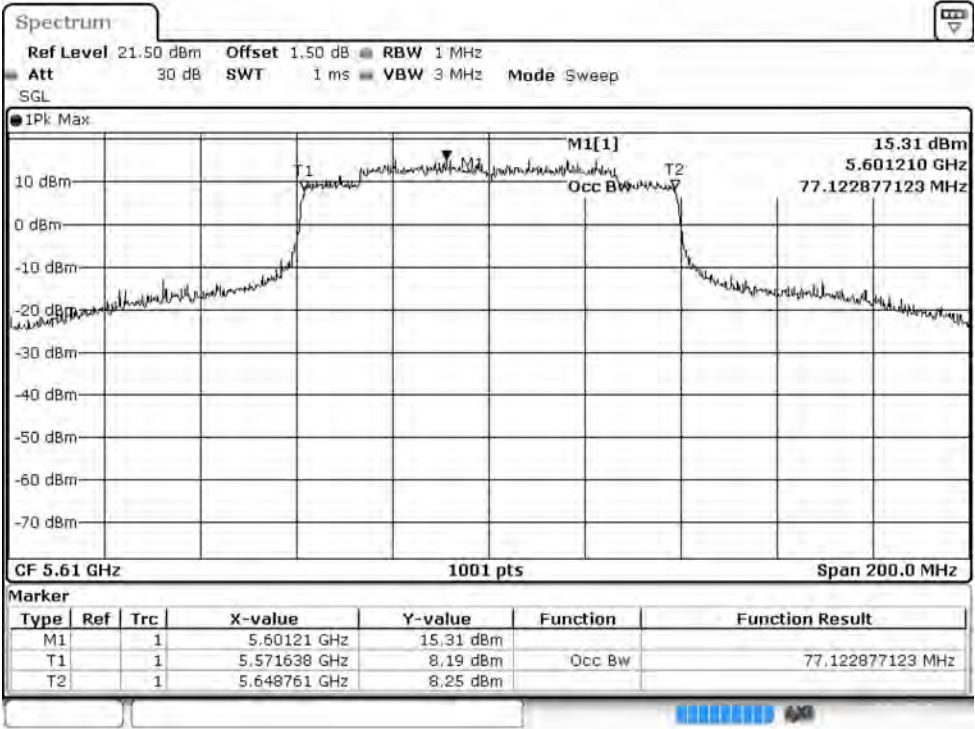
Channel 58



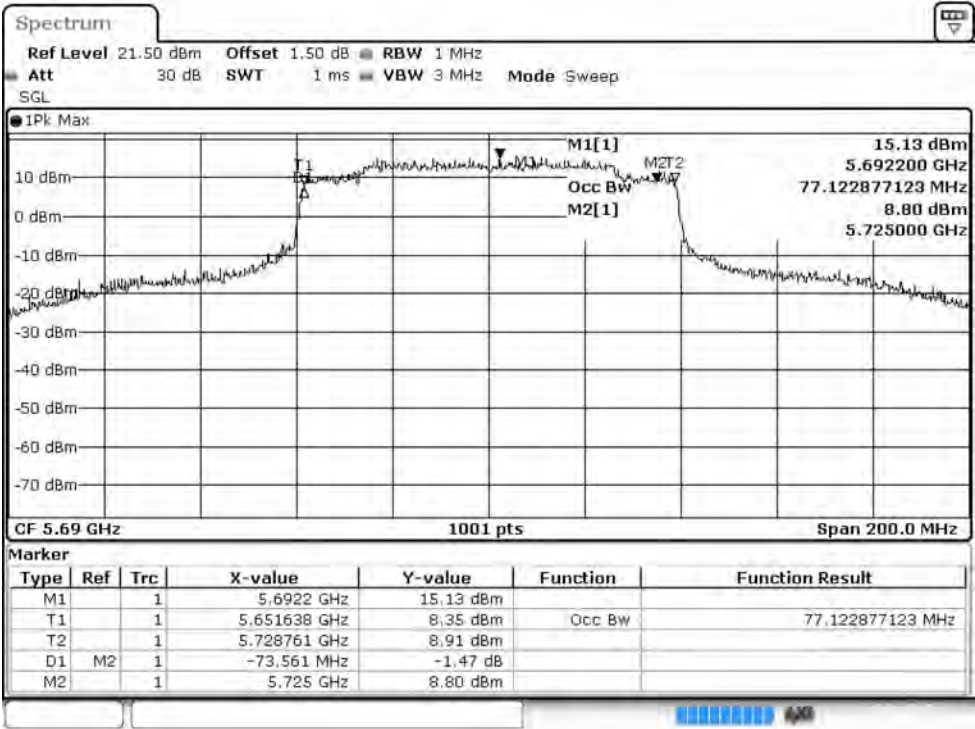
Channel 106



Channel 122

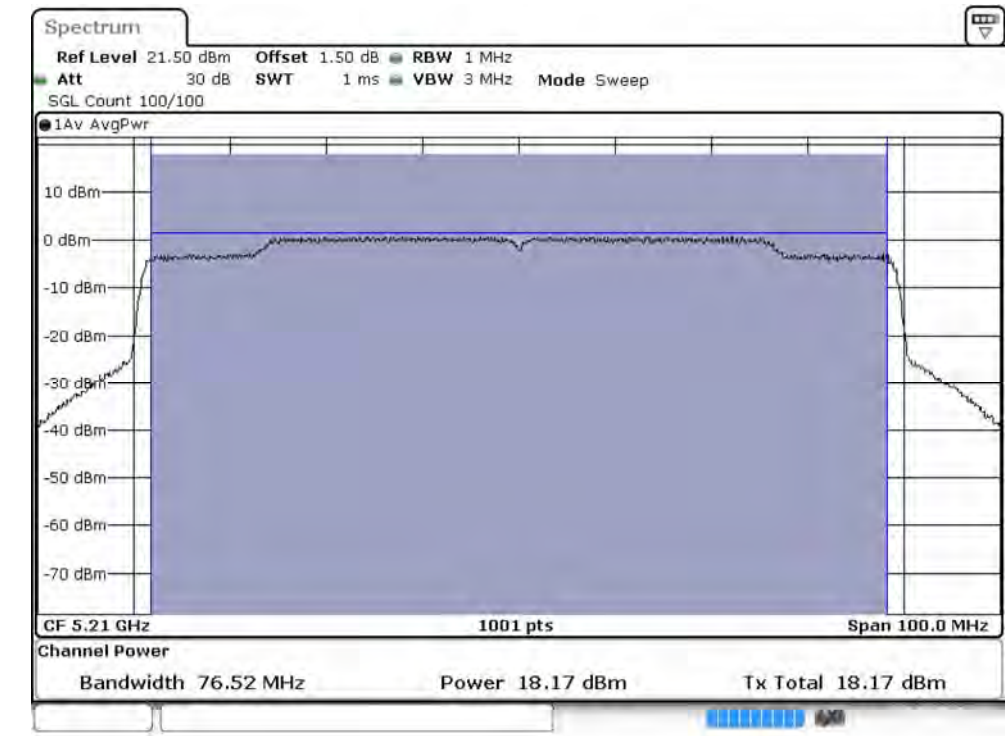


Channel 138



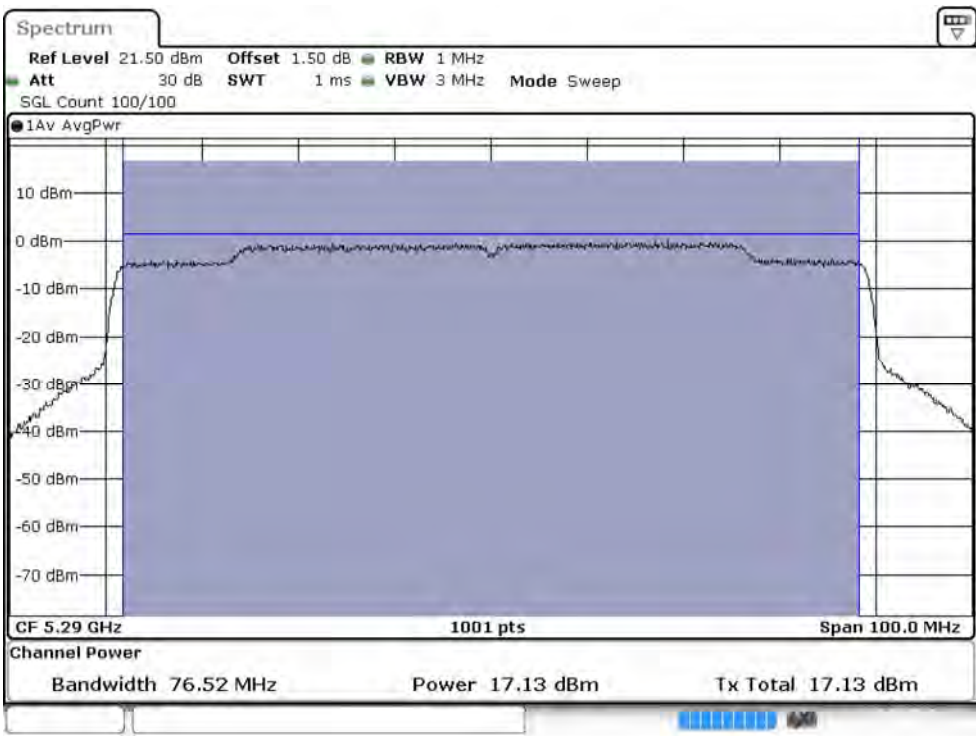
Maximum conducted output power:

Channel 42



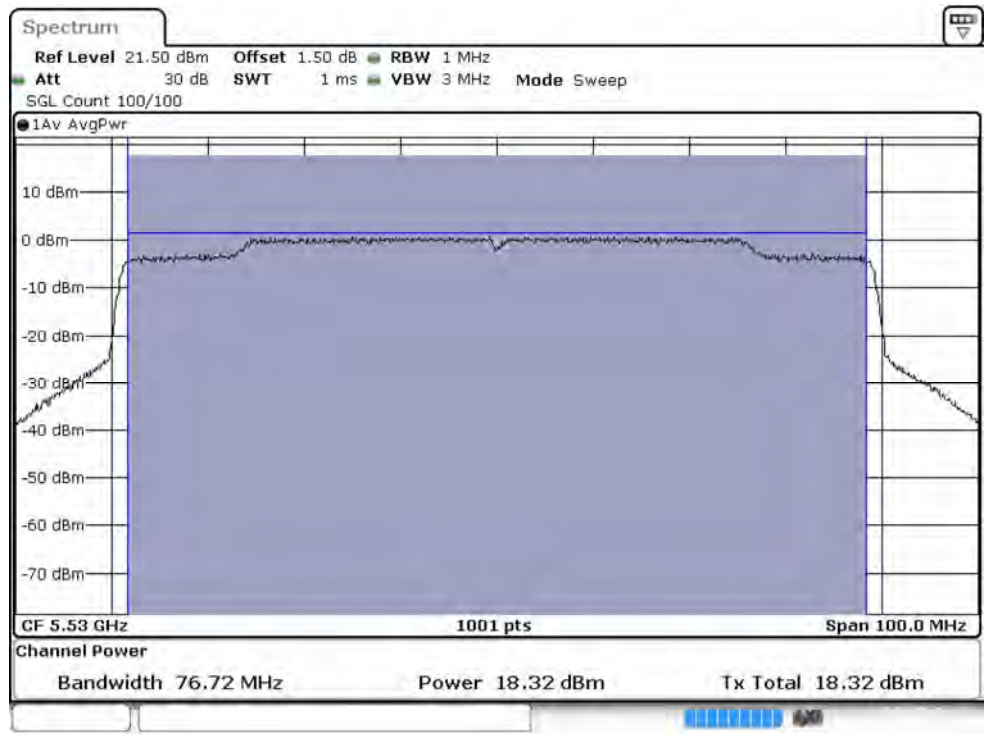
Maximum conducted output power:

Channel 58



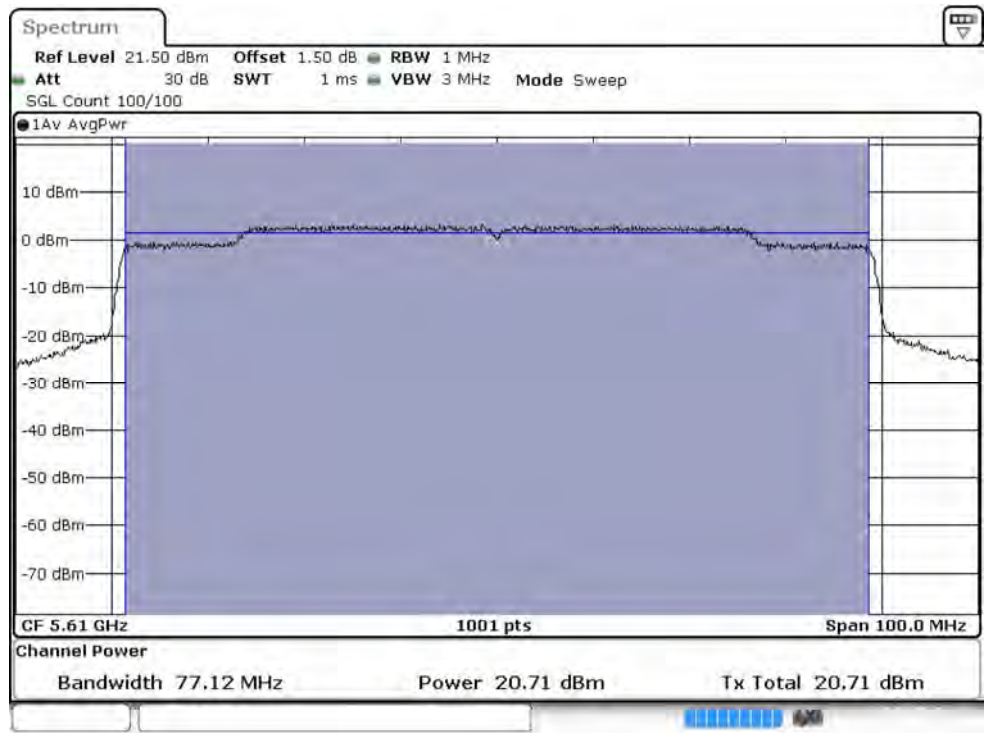
Maximum conducted output power:

Channel 106

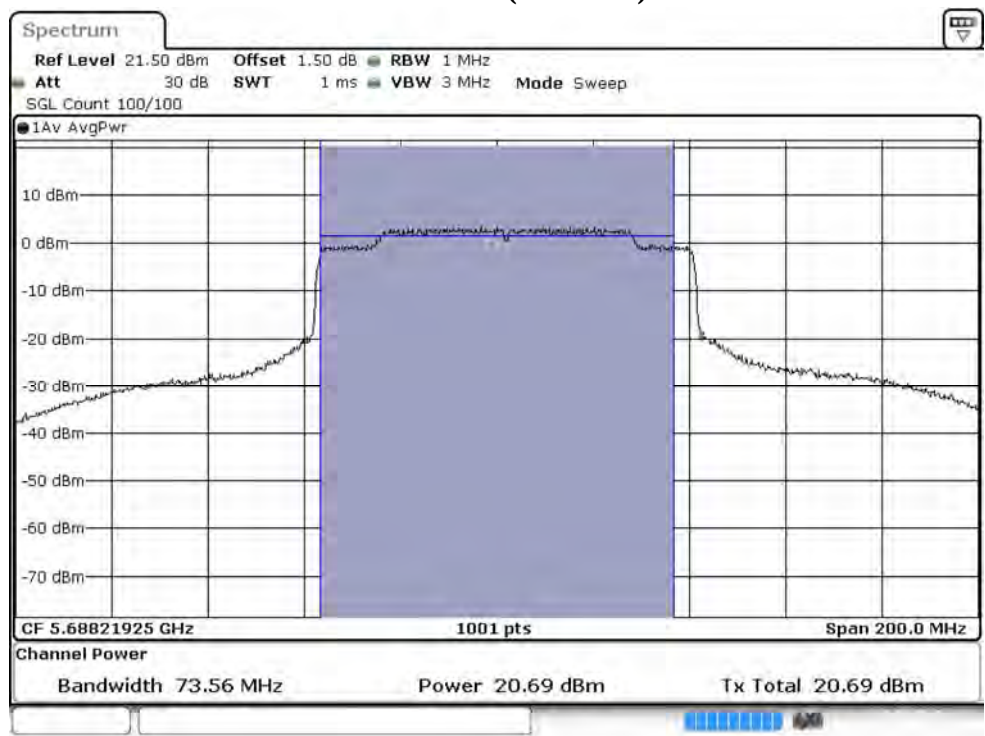


Maximum conducted output power:

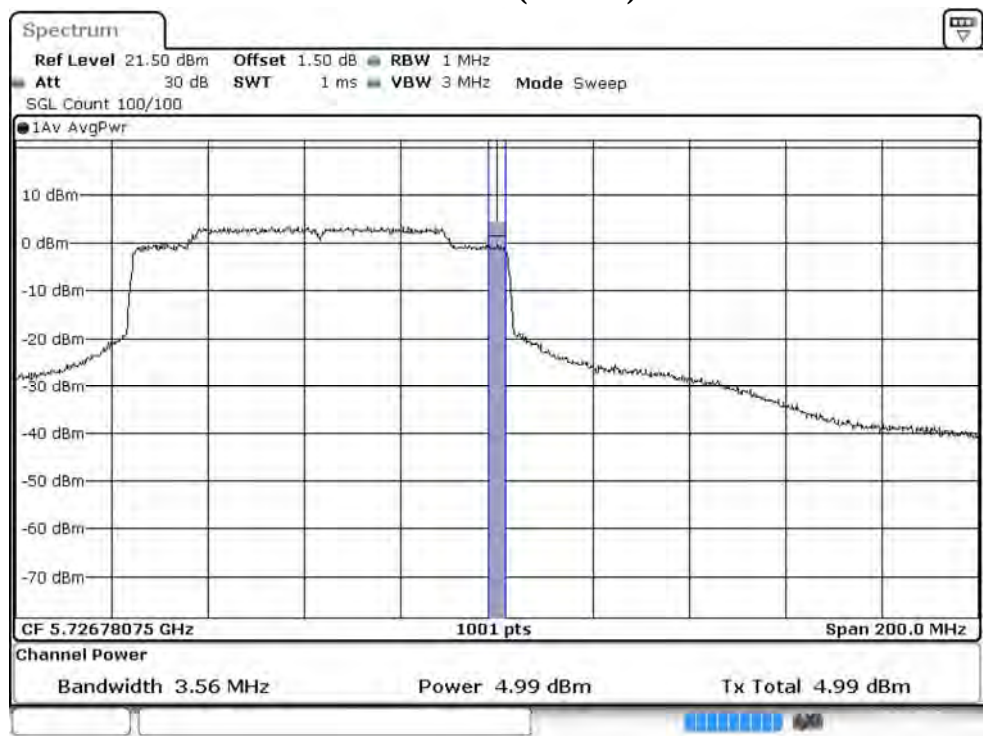
Channel 122



Maximum conducted output power:
Channel 138 (U-NII-2C)

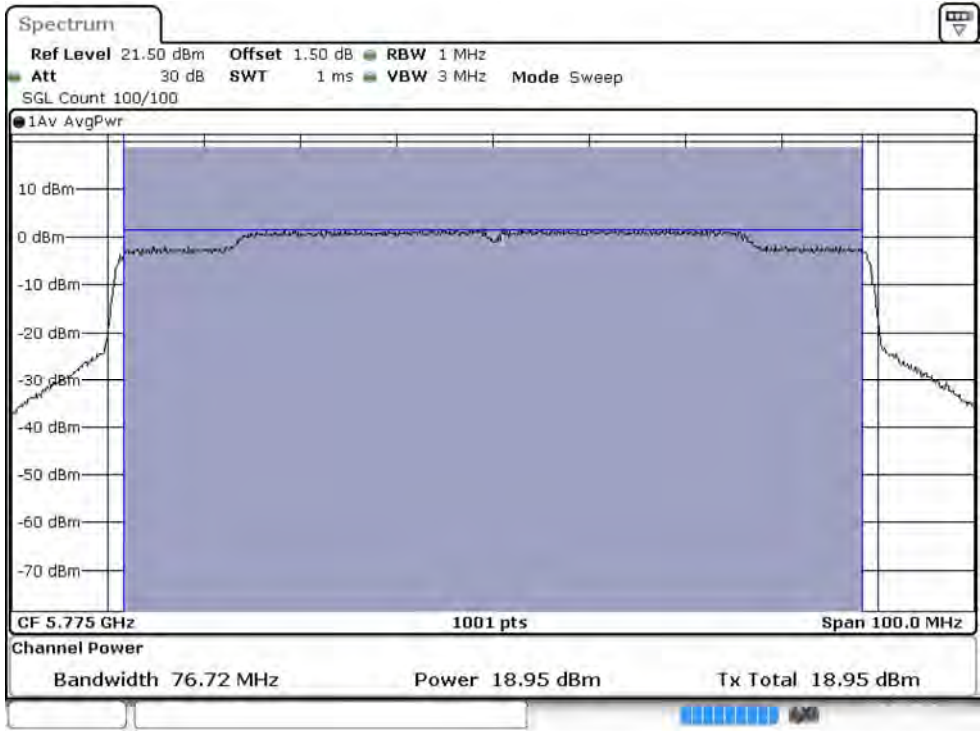


Maximum conducted output power:
Channel 138 (U-NII-3)



Maximum conducted output power:

Channel 155



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO B: 發射器 802.11ax-160BW

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 25 日

環境濕度：53 %

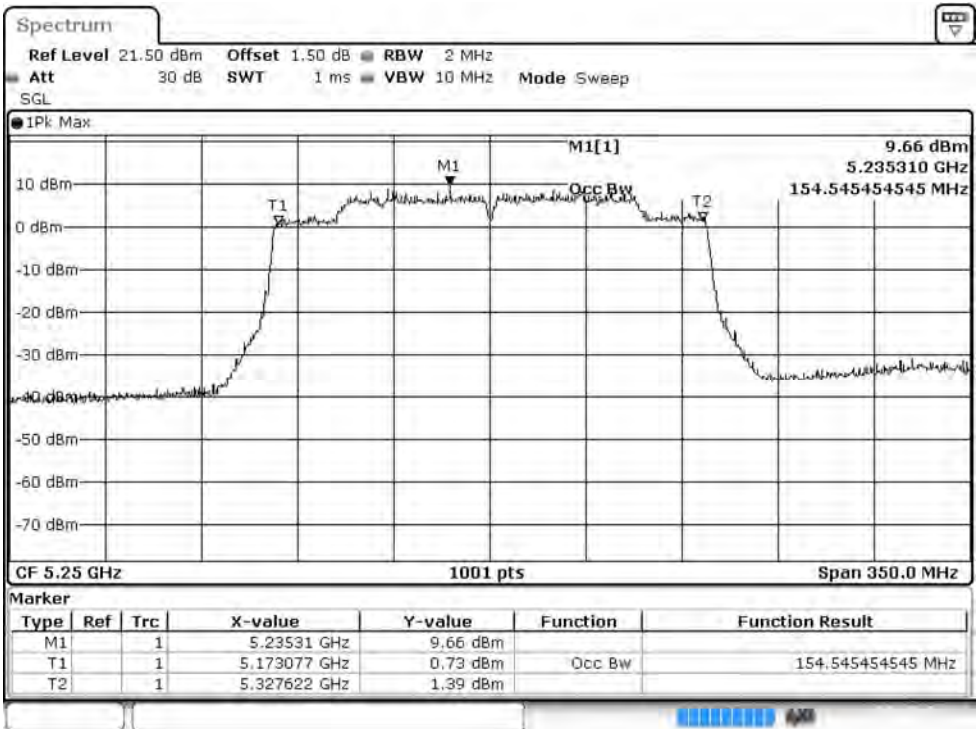
Cable loss=1.5dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50 (U-NII-1)	5250	11.05	10.97	10.83	10.77	10.63	10.55	10.47	10.31	10.28	10.17	10.05	9.93
50 (U-NII-2A)	5250	10.91	10.83	10.77	10.63	10.58	10.47	10.32	10.27	10.14	10.02	9.98	9.83
114	5570	13.56	13.44	13.31	13.27	13.18	13.05	12.97	12.83	12.77	12.64	12.53	12.44

Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

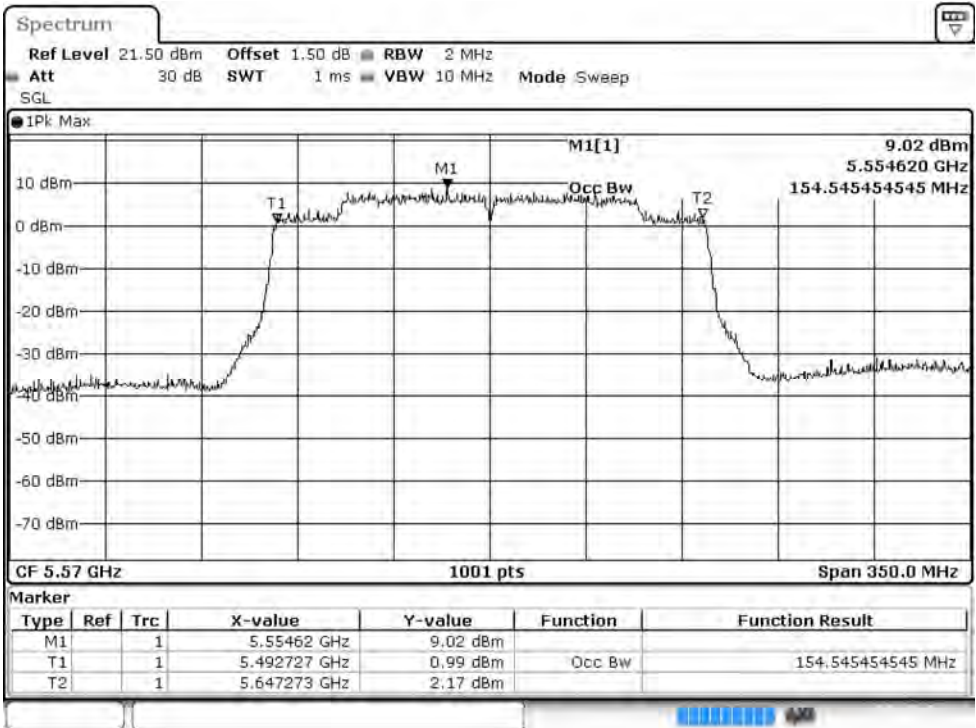
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
50 (U-NII-1)	5250	--	11.05	30	--
50 (U-NII-2A)	5250	77.273	10.91	24	29.88
114	5570	154.545	13.56	24	32.89

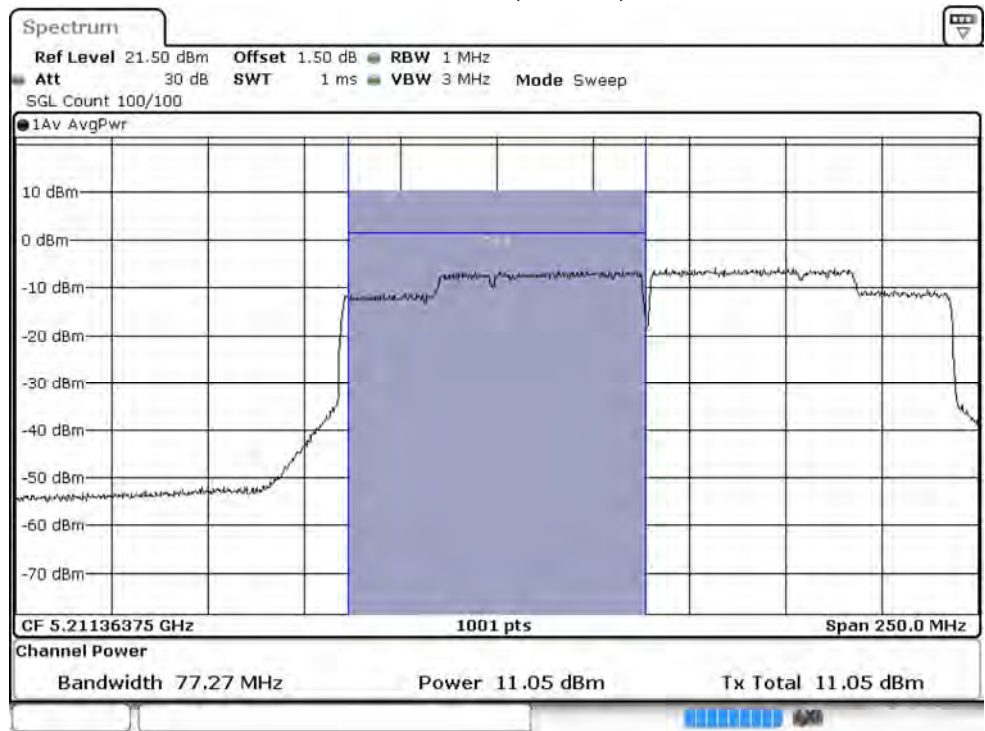
99% Occupied Bandwidth:
Channel 50



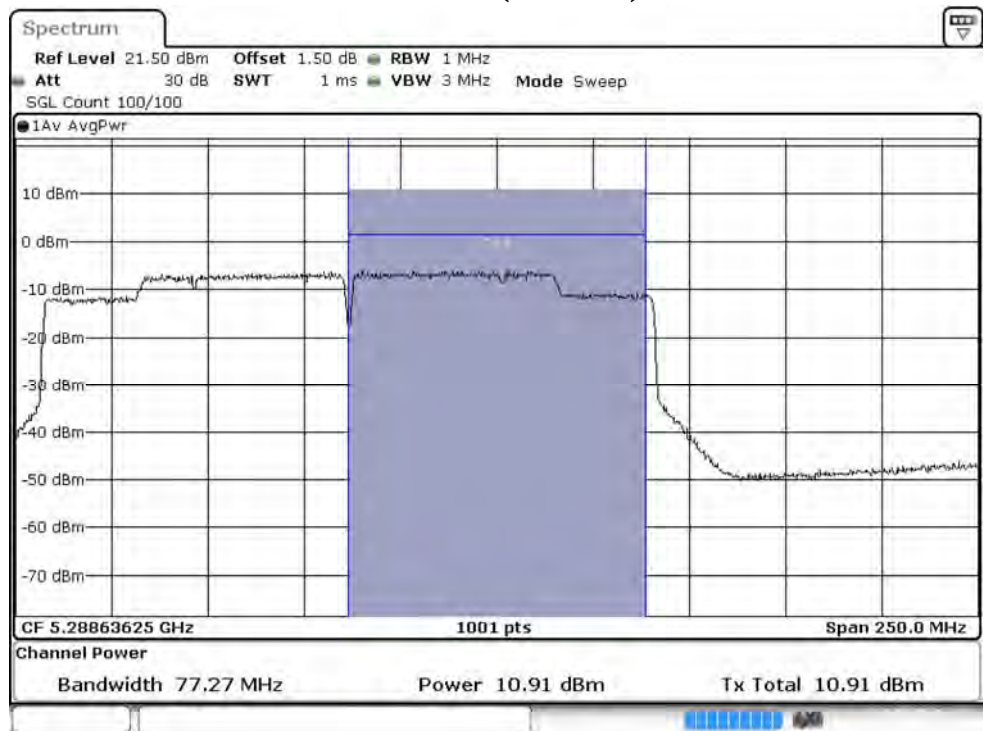
Channel 114



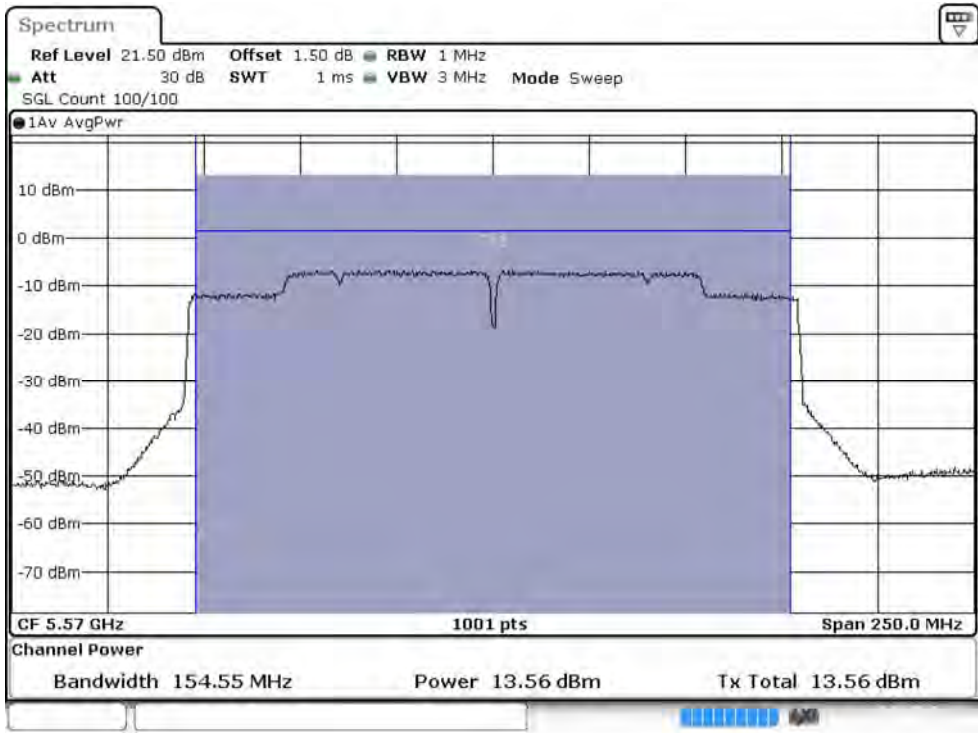
Maximum conducted output power:
Channel 50 (U-NII-1)



Maximum conducted output power:
Channel 50 (U-NII-2A)



Maximum conducted output power:
Channel 114



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11ax-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：107年09月26日

環境濕度：53 %

Chain A

Cable loss=1.5dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
36	5180	15.49	--	--	--	--	--	--	--	--	--	--	--
44	5220	17.95	17.84	17.76	17.63	17.52	17.41	17.38	17.24	17.16	17.09	16.95	16.87
48	5240	17.95	--	--	--	--	--	--	--	--	--	--	--
52	5260	17.82	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.96	17.81	17.73	17.64	17.51	17.44	17.35	17.28	17.12	17.01	16.92	16.84
64	5320	14.93	--	--	--	--	--	--	--	--	--	--	--
100	5500	15.33	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.86	17.75	17.64	17.58	17.43	17.33	17.28	17.16	17.05	16.93	16.84	16.75
140	5700	14.45	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.64	16.53	16.42	16.31	16.25	16.16	16.07	15.93	15.86	15.74	15.61	15.55
144(U-NII-3)	5720	11.36	11.23	11.17	11.05	10.94	10.82	10.73	10.64	10.51	10.49	10.35	10.22
149	5745	17.74	--	--	--	--	--	--	--	--	--	--	--
157	5785	17.89	17.77	17.61	17.53	17.49	17.35	17.24	17.13	17.08	16.91	16.82	16.71
165	5825	17.88	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1.5dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
36	5180	15.41	--	--	--	--	--	--	--	--	--	--	--
44	5220	17.72	17.62	17.53	17.44	17.31	17.29	17.15	17.06	16.93	16.85	16.74	16.62
48	5240	17.81	--	--	--	--	--	--	--	--	--	--	--
52	5260	17.78	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.91	17.83	17.72	17.61	17.52	17.49	17.33	17.25	17.16	17.08	16.97	16.84
64	5320	14.96	--	--	--	--	--	--	--	--	--	--	--
100	5500	15.35	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.87	17.75	17.61	17.53	17.49	17.33	17.28	17.14	17.07	16.91	16.82	16.76
140	5700	14.32	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.63	16.55	16.43	16.38	16.29	16.15	16.03	15.96	15.84	15.71	15.62	15.58
144(U-NII-3)	5720	11.39	11.27	11.16	11.07	10.97	10.86	10.73	10.61	10.52	10.48	10.35	10.29
149	5745	17.84	--	--	--	--	--	--	--	--	--	--	--
157	5785	17.87	17.73	17.67	17.52	17.43	17.39	17.25	17.11	17.06	16.96	16.85	16.72
165	5825	17.77	--	--	--	--	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

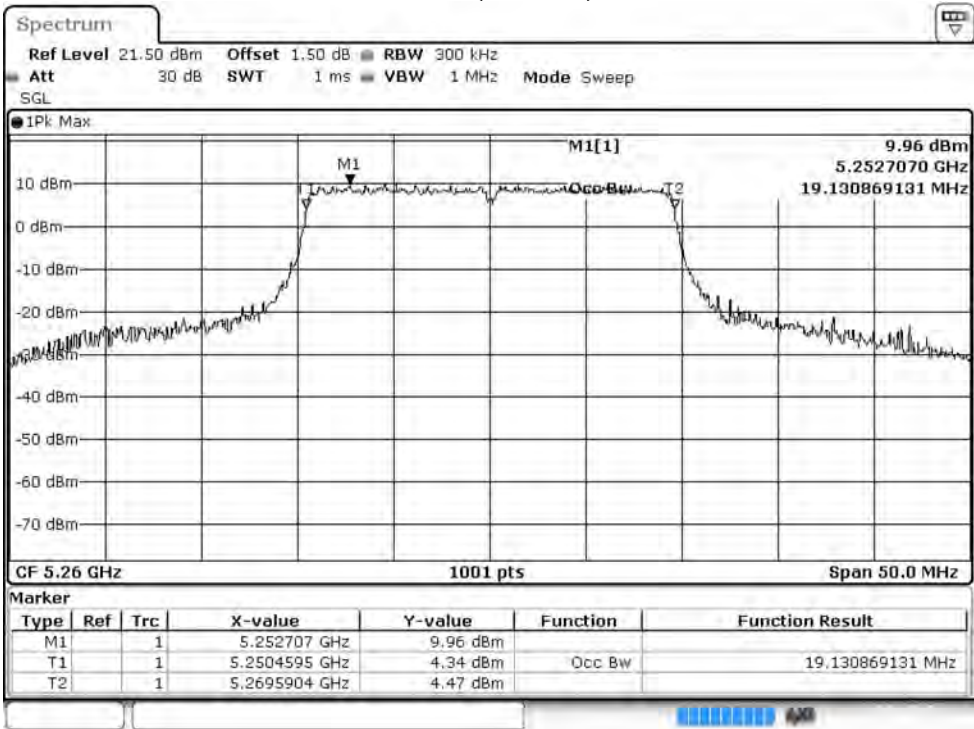
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
36	5180	--	15.49	15.41	18.46	30	--
44	5220	--	17.95	17.72	20.85	30	--
48	5240	--	17.95	17.81	20.89	30	--
52	5260	19.031	17.82	17.78	20.81	24	23.79
60	5300	19.081	17.96	17.91	20.95	24	23.81
64	5320	19.031	14.93	14.96	17.96	24	23.79
100	5500	19.031	15.33	15.35	18.35	24	23.79
116	5580	19.081	17.86	17.87	20.88	24	23.81
140	5700	19.081	14.45	14.32	17.40	24	23.81
144(U-NII-2C)	5720	14.566	16.64	16.63	19.65	24	22.63
144(U-NII-3)	5720	--	11.36	11.39	14.39	30	--
149	5745	--	17.74	17.84	20.80	30	--
157	5785	--	17.89	17.87	20.89	30	--
165	5825	--	17.88	17.77	20.84	30	--

Note:

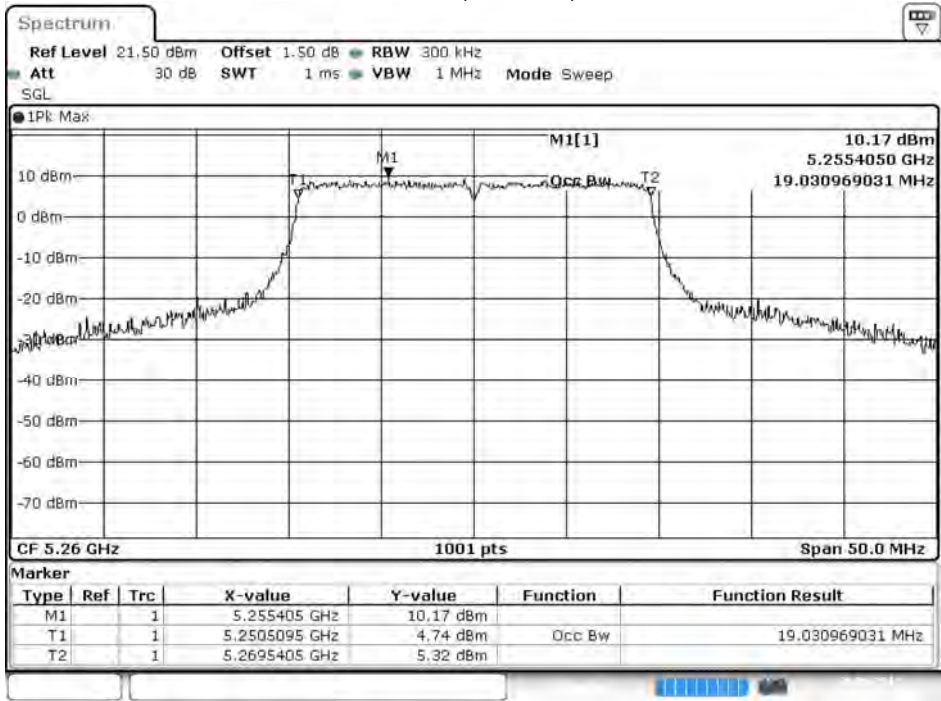
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:

Channel 52 (Chain A)

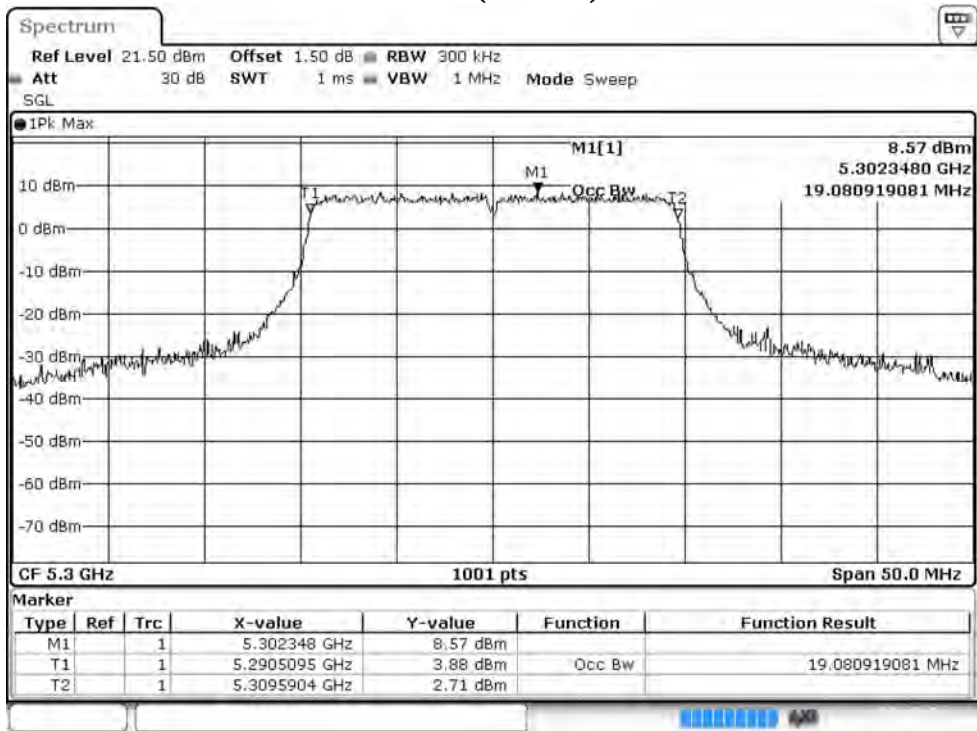


Channel 52 (Chain B)

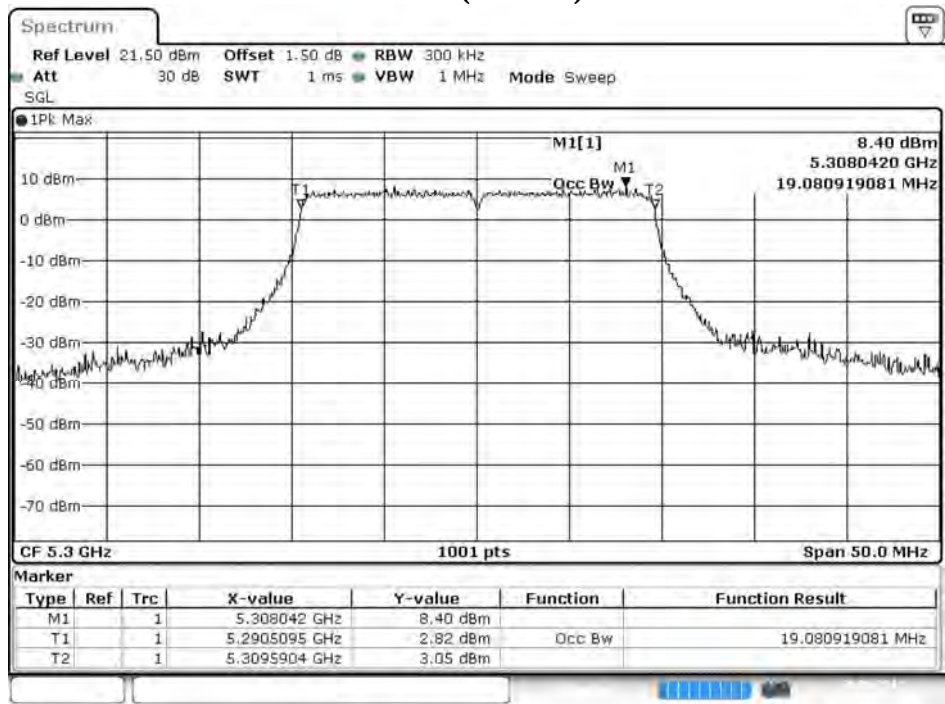


Date: 26 SEP 2018 16:09:37

Channel 60 (Chain A)

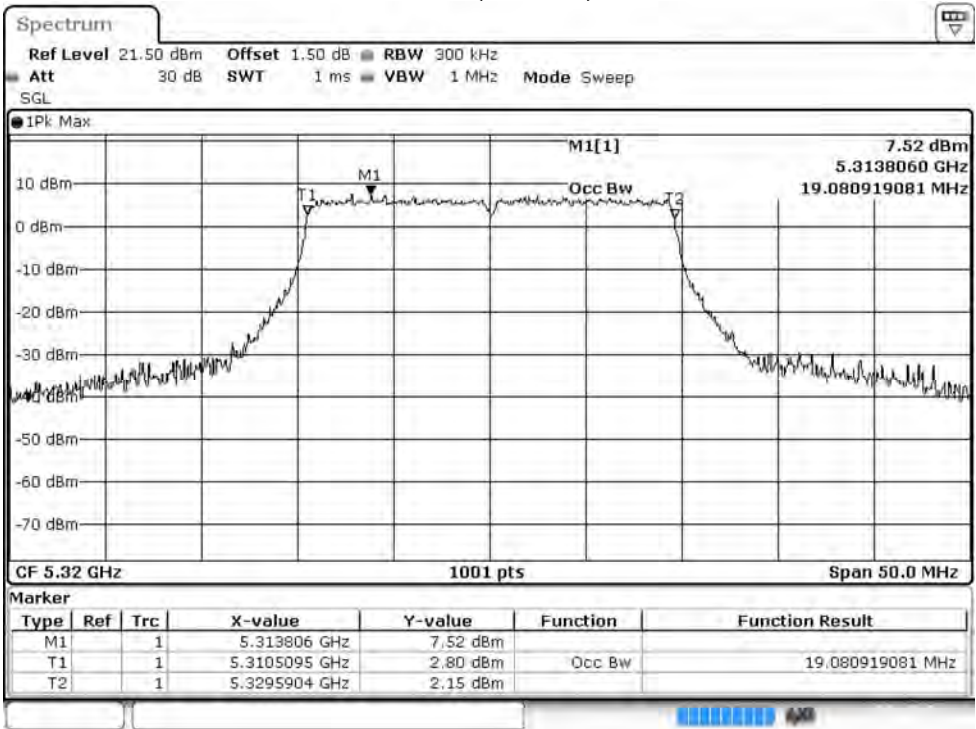


Channel 60 (Chain B)

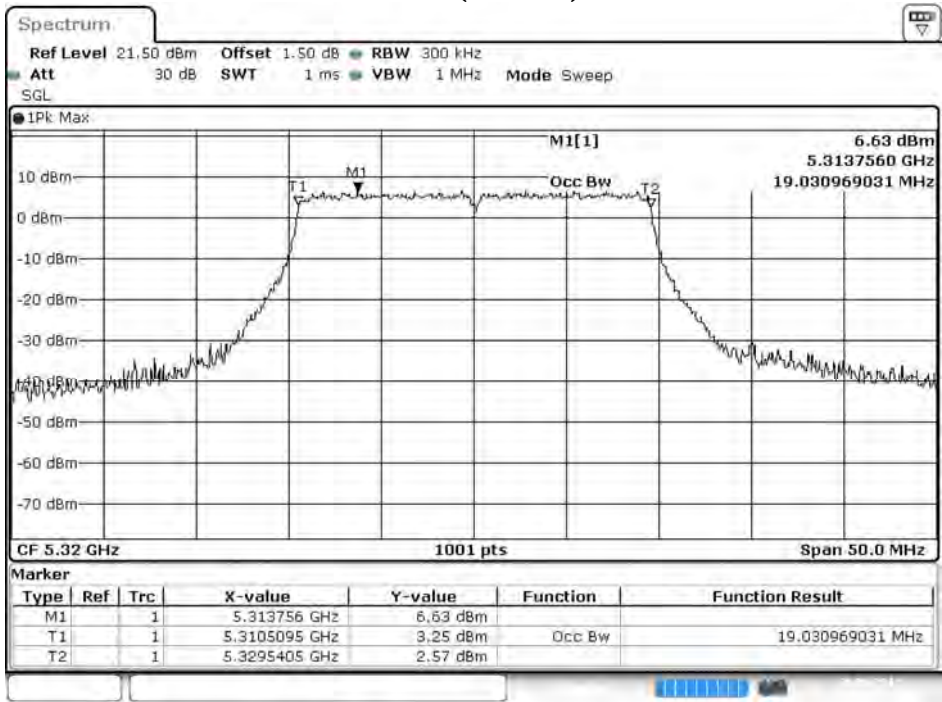


Date: 26 SEP.2018 17:13:20

Channel 64 (Chain A)

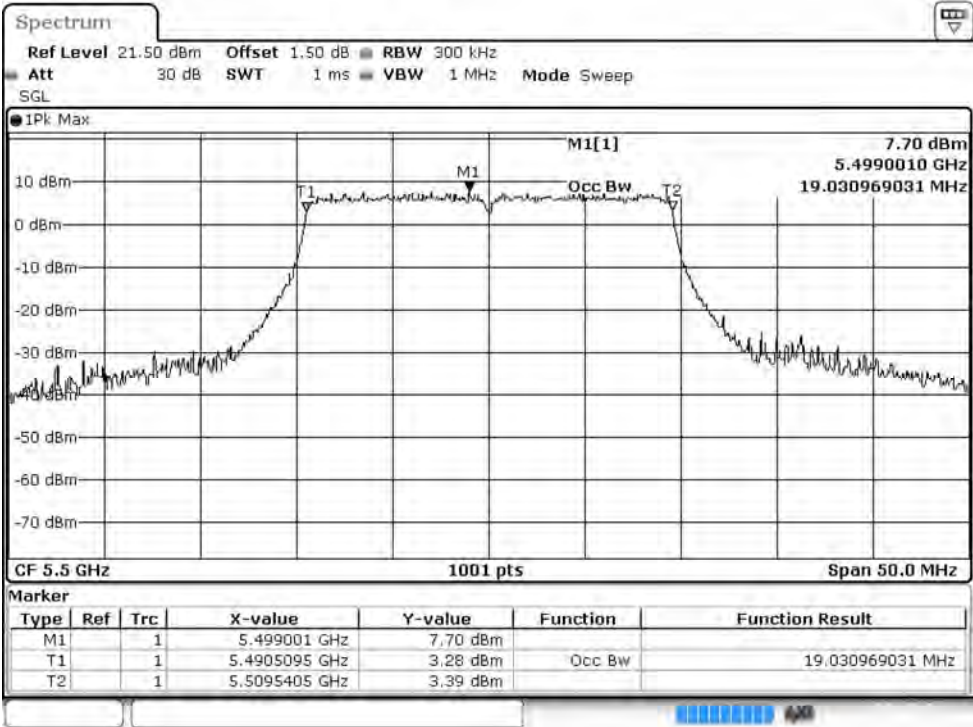


Channel 64 (Chain B)

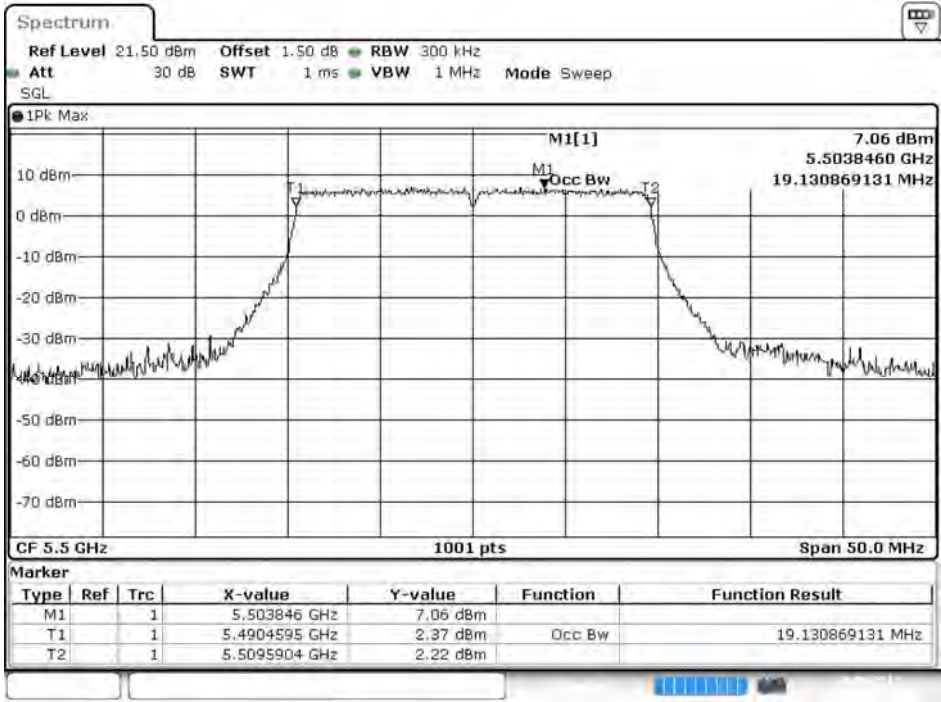


Date: 26 SEP 2018 16:16:36

Channel 100 (Chain A)

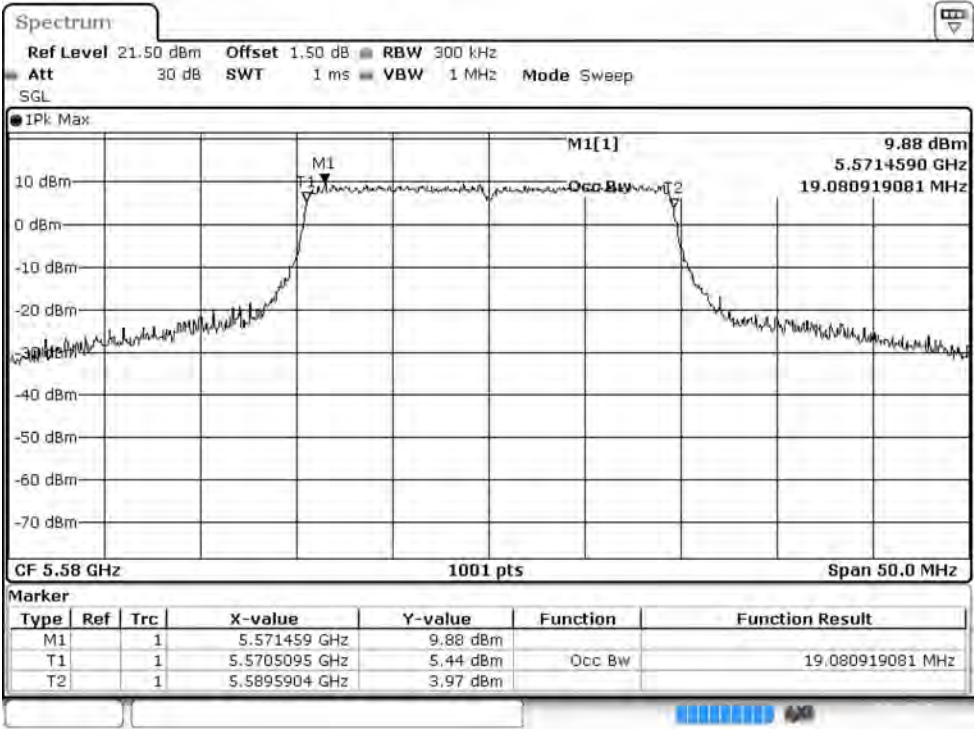


Channel 100 (Chain B)

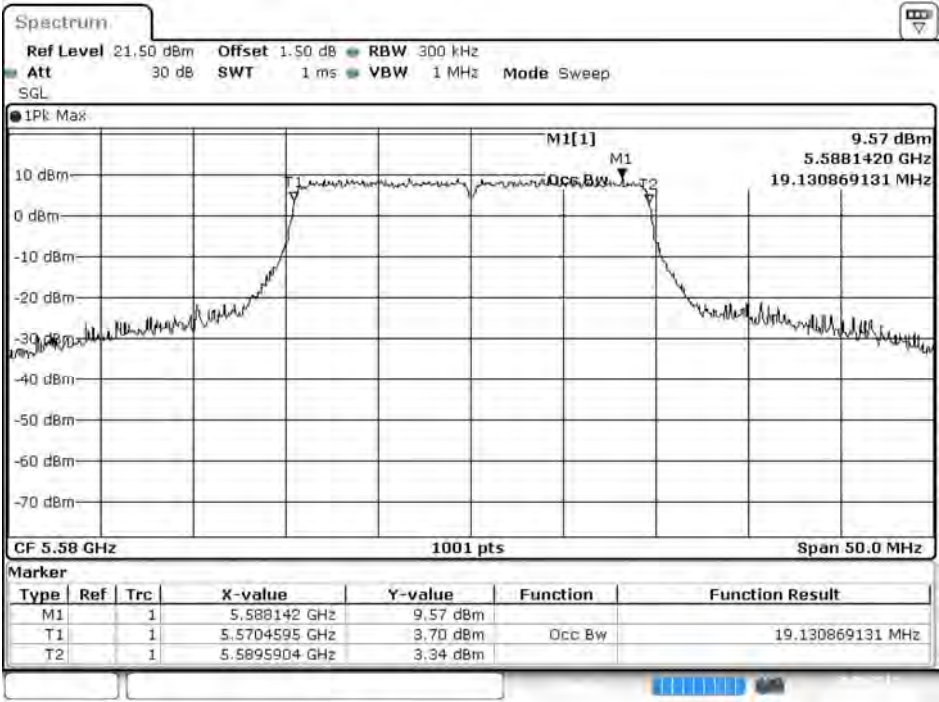


Date: 26 SEP 2018 16:19:37

Channel 116 (Chain A)

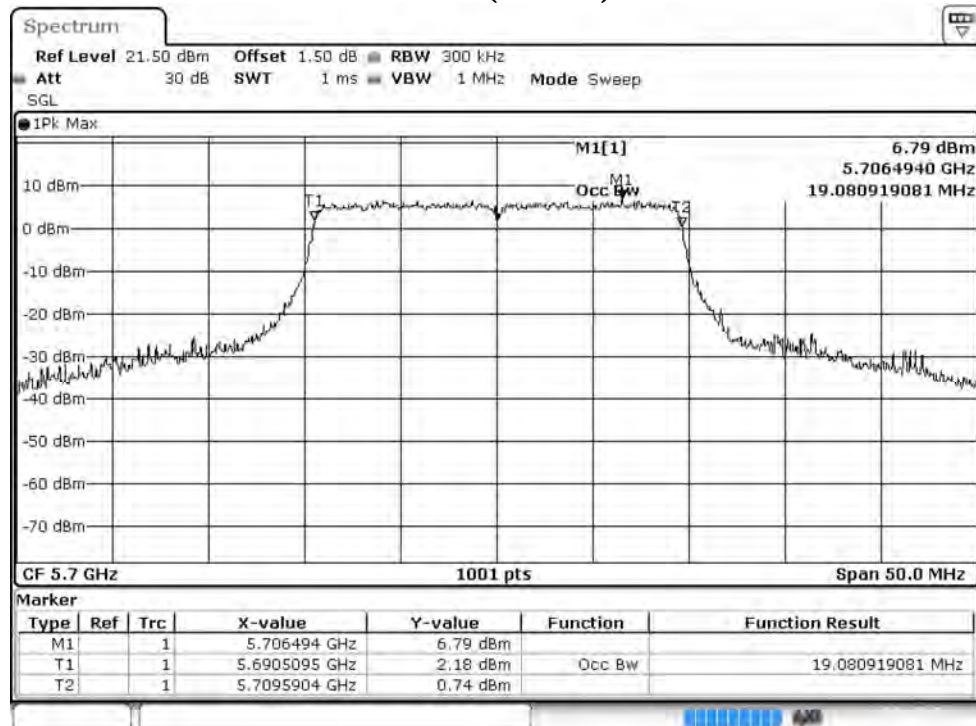


Channel 116 (Chain B)

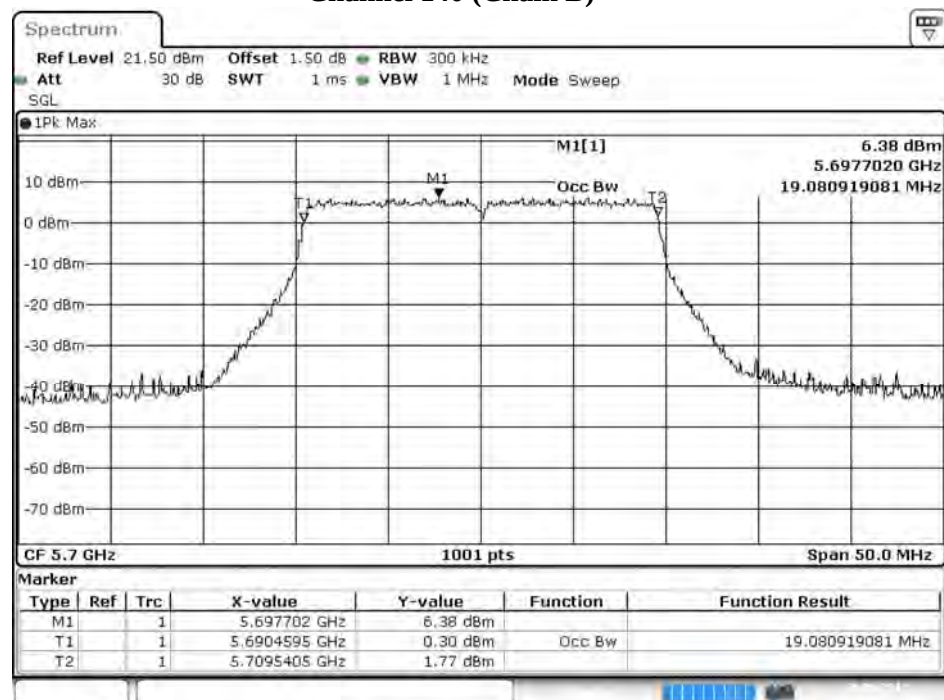


Date: 26 SEP.2018 16:22:38

Channel 140 (Chain A)

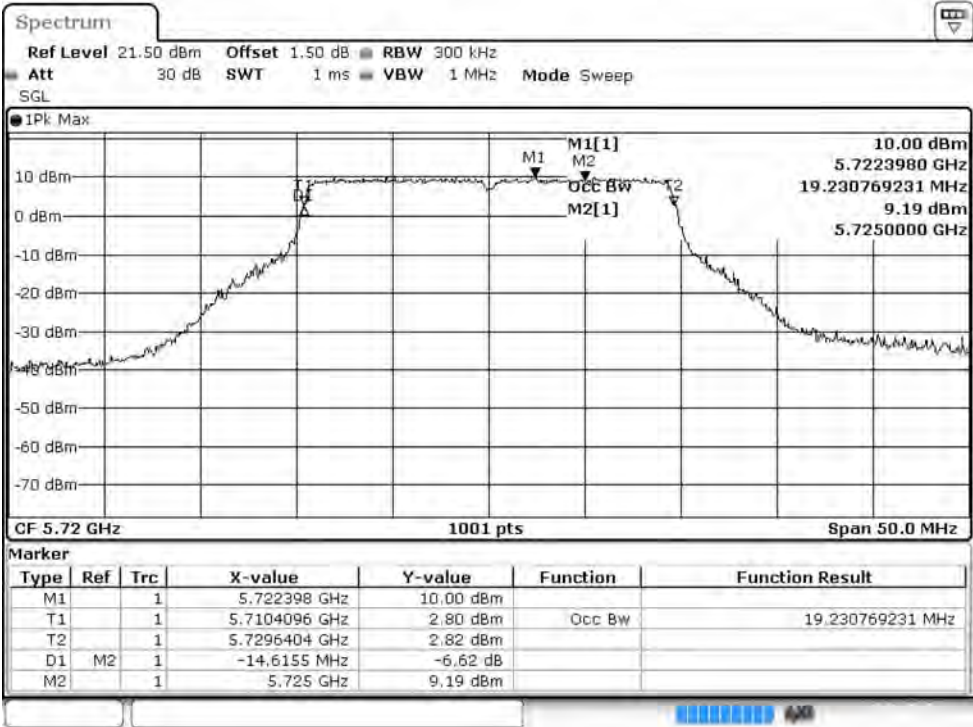


Channel 140 (Chain B)

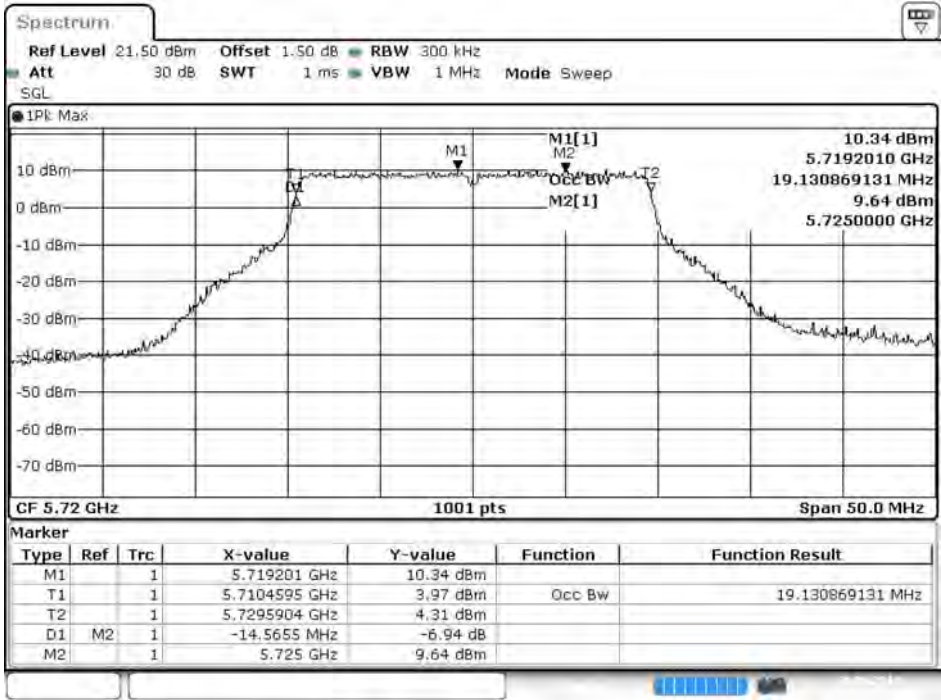


Date: 26 SEP. 2018 16:25:40

Channel 144 (Chain A)

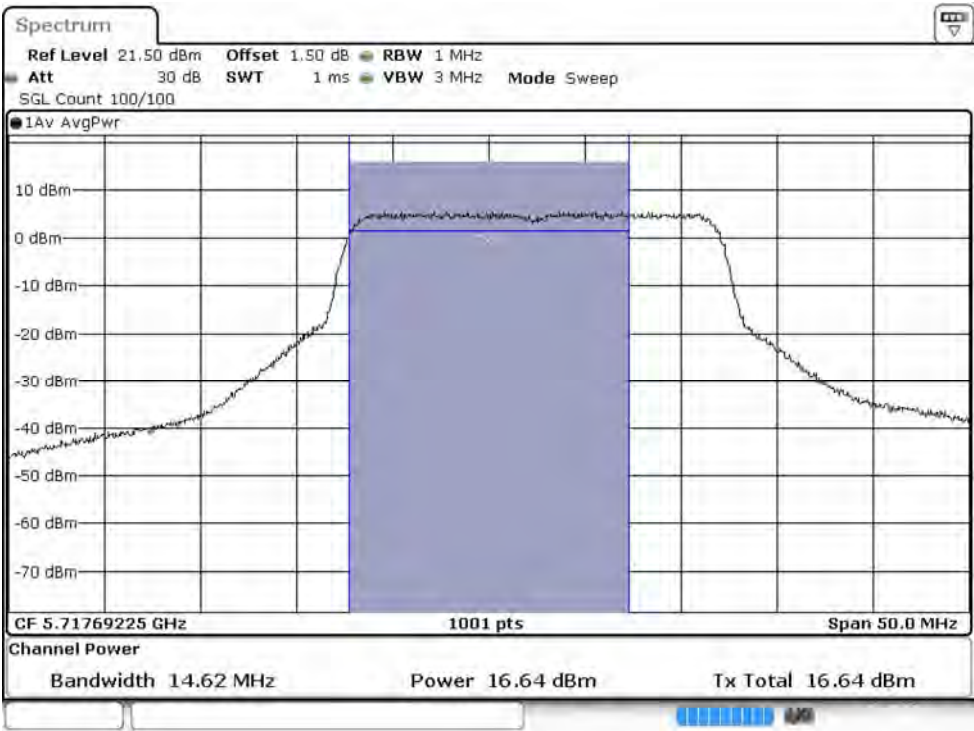


Channel 144 (Chain B)

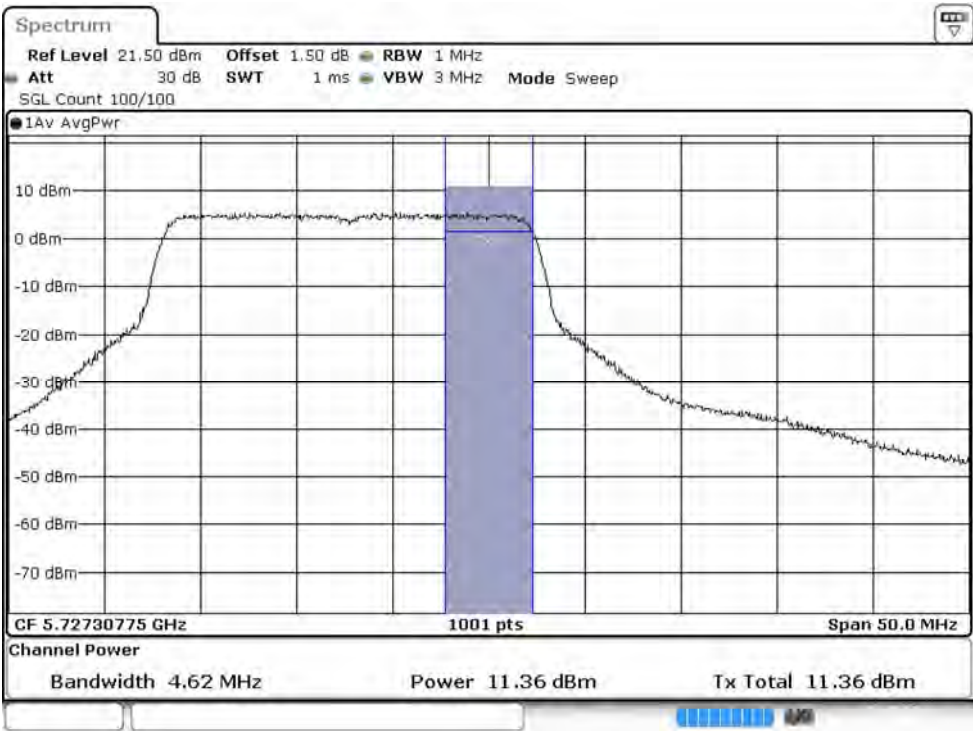


Date: 26 SEP 2018 14:58:50

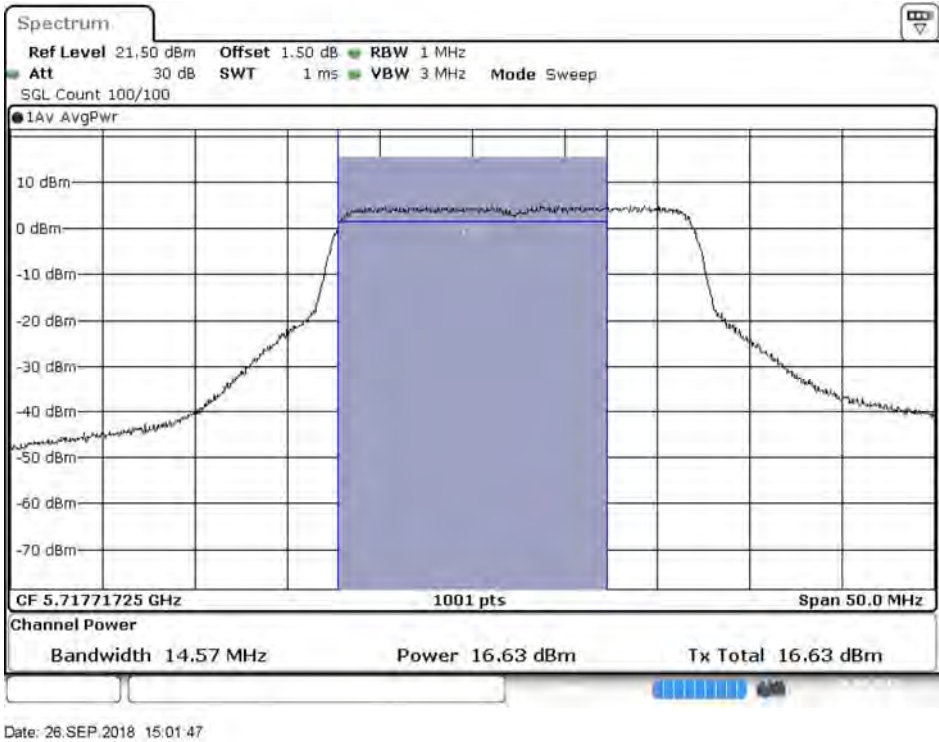
Maximum conducted output power:
Channel 144 (U-NII-2C) (Chain A)



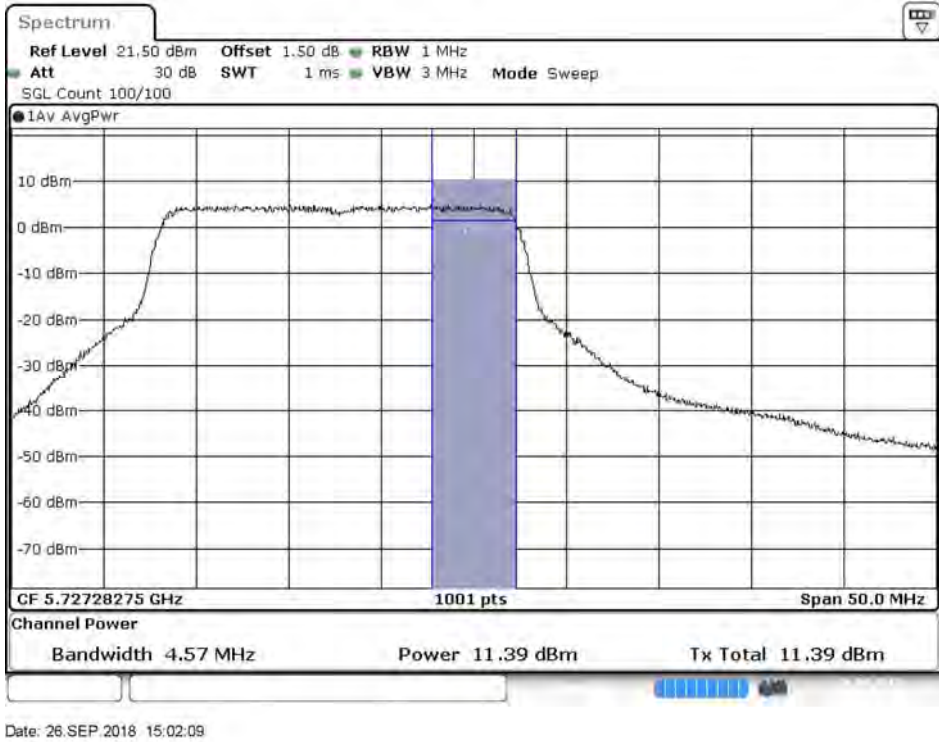
Maximum conducted output power:
Channel 144 (U-NII-3) (Chain A)



Maximum conducted output power:
Channel 144 (U-NII-2C) (Chain B)



Maximum conducted output power:
Channel 144 (U-NII-3) (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201D2W

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11ax-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：107 年 09 月 26 日

環境濕度：53 %

Chain A

Cable loss=1.5dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
38	5190	15.48	--	--	--	--	--	--	--	--	--	--	--
46	5230	17.85	17.77	17.64	17.53	17.42	17.36	17.29	17.15	17.04	16.91	16.88	16.72
54	5270	16.11	--	--	--	--	--	--	--	--	--	--	--
62	5310	13.79	13.67	13.52	13.49	13.31	13.25	13.14	13.06	12.95	12.83	12.76	12.68
102	5510	14.28	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.94	17.88	17.76	17.61	17.53	17.45	17.33	17.29	17.15	17.08	16.91	16.83
134	5670	16.72	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.44	17.33	17.28	17.15	17.02	16.95	16.88	16.73	16.62	16.54	16.48	16.37
142(U-NII-3)	5710	8.17	8.06	7.95	7.86	7.74	7.62	7.53	7.41	7.38	7.26	7.11	7.05
151	5755	17.78	--	--	--	--	--	--	--	--	--	--	--
159	5795	17.76	17.65	17.53	17.42	17.39	17.22	17.15	17.09	16.93	16.84	16.72	16.61

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Chain B

Cable loss=1.5dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
38	5190	15.48	--	--	--	--	--	--	--	--	--	--	--
46	5230	17.82	17.77	17.61	17.59	17.43	17.35	17.24	17.16	17.08	16.92	16.88	16.71
54	5270	16.09	--	--	--	--	--	--	--	--	--	--	--
62	5310	13.82	13.74	13.65	13.51	13.47	13.32	13.29	13.11	13.05	12.94	12.82	12.76
102	5510	14.37	--	--	--	--	--	--	--	--	--	--	--
110	5550	17.90	17.81	17.75	17.68	17.53	17.44	17.35	17.29	17.15	17.06	16.96	16.85
134	5670	16.87	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.28	17.13	17.02	16.91	16.84	16.73	16.66	16.57	16.48	16.39	16.24	16.18
142(U-NII-3)	5710	8.02	7.95	7.83	7.74	7.62	7.51	7.46	7.38	7.25	7.11	7.08	6.93
151	5755	17.90	--	--	--	--	--	--	--	--	--	--	--
159	5795	17.84	17.76	17.64	17.53	17.42	17.31	17.28	17.13	17.05	16.92	16.88	16.74

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

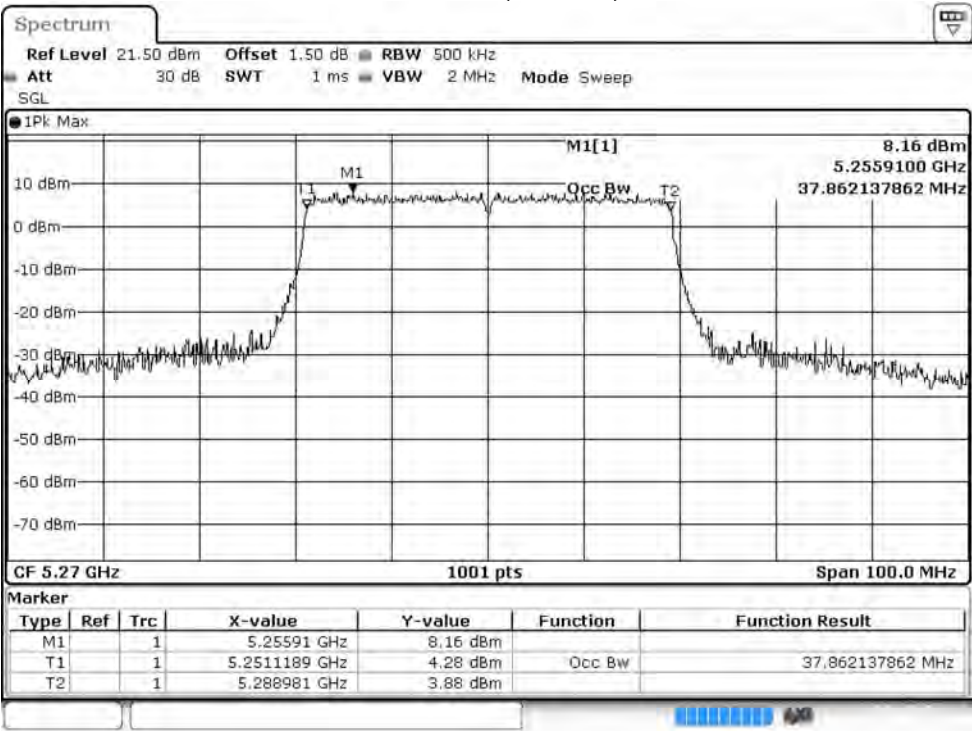
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
38	5190	--	15.48	15.48	18.49	30	--
46	5230	--	17.85	17.82	20.85	30	--
54	5270	37.862	16.11	16.09	19.11	24	26.78
62	5310	37.862	13.79	13.82	16.82	24	26.78
102	5510	37.962	14.28	14.37	17.34	24	26.79
110	5550	37.862	17.94	17.90	20.93	24	26.78
134	5670	37.862	16.72	16.87	19.81	24	26.78
142(U-NII-2C)	5710	33.931	17.44	17.28	20.37	24	26.31
142(U-NII-3)	5710	--	8.17	8.02	11.11	30	--
151	5755	--	17.78	17.90	20.85	30	--
159	5795	--	17.76	17.84	20.81	30	--

Note:

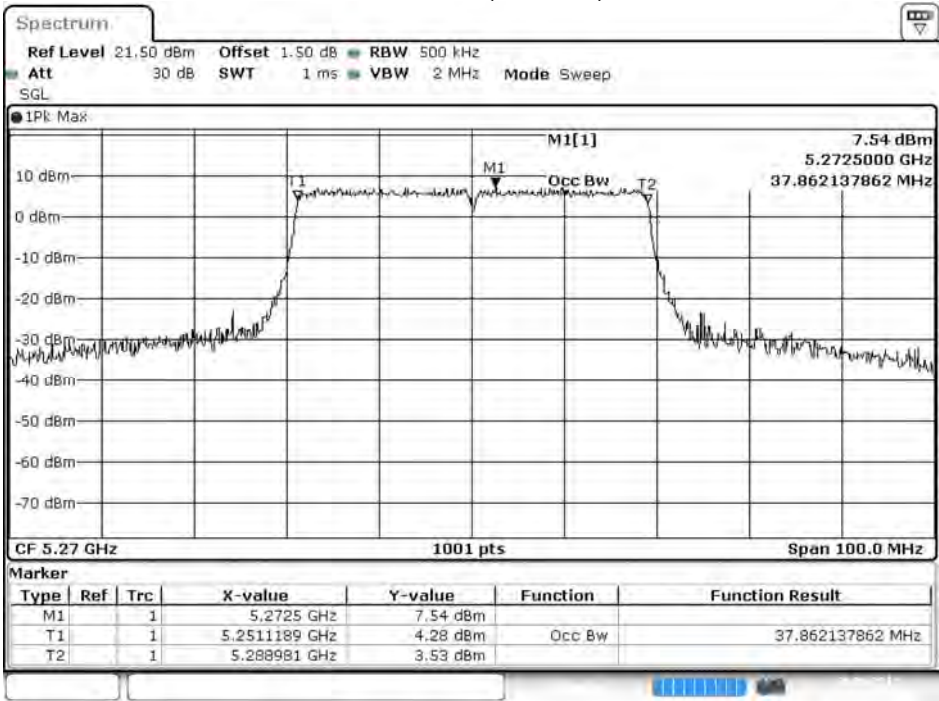
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:

Channel 54 (Chain A)

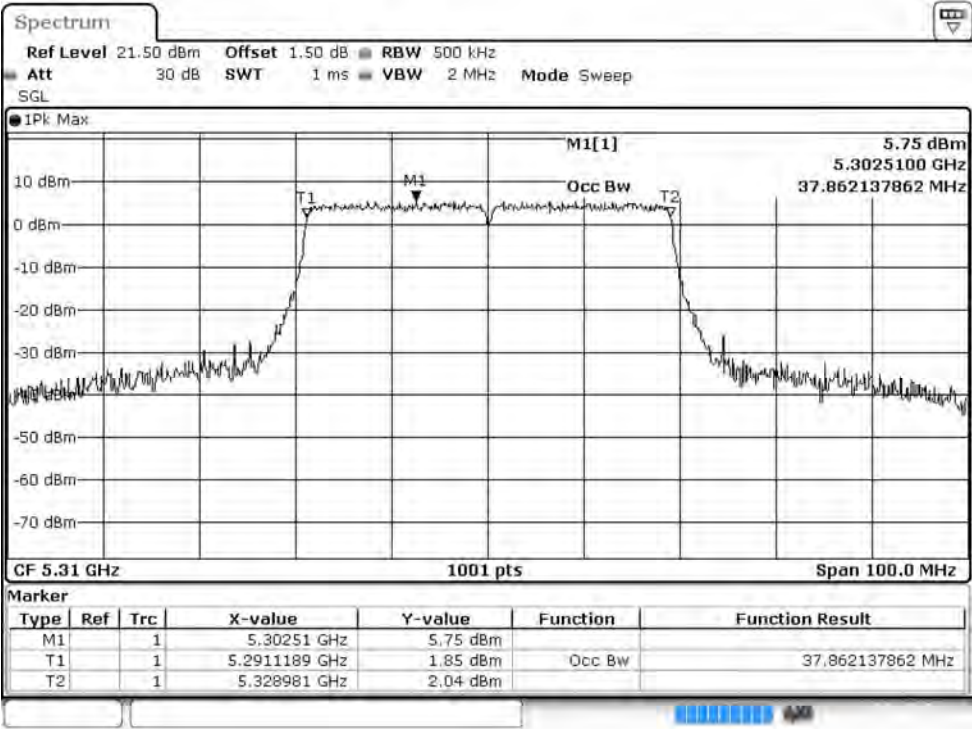


Channel 54 (Chain B)

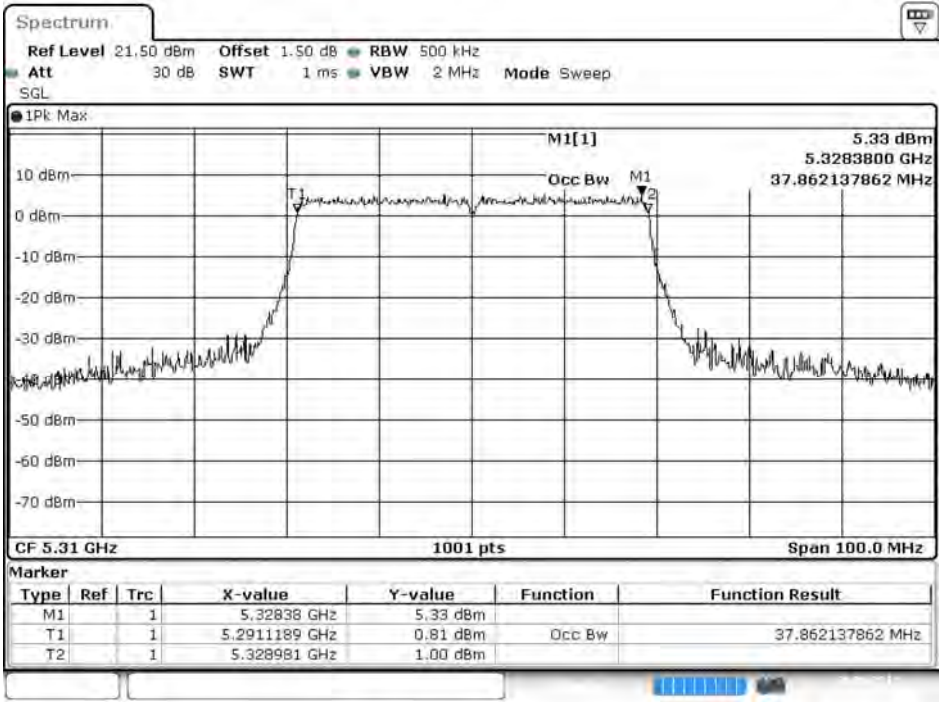


Date: 26.SEP.2018 16:35:51

Channel 62 (Chain A)

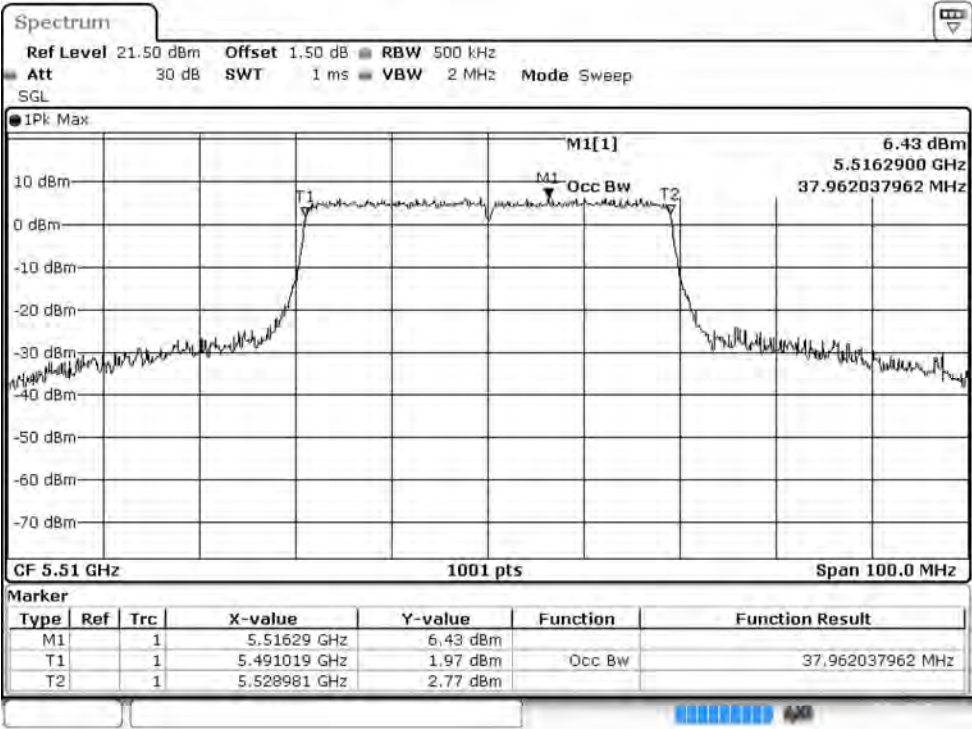


Channel 62 (Chain B)

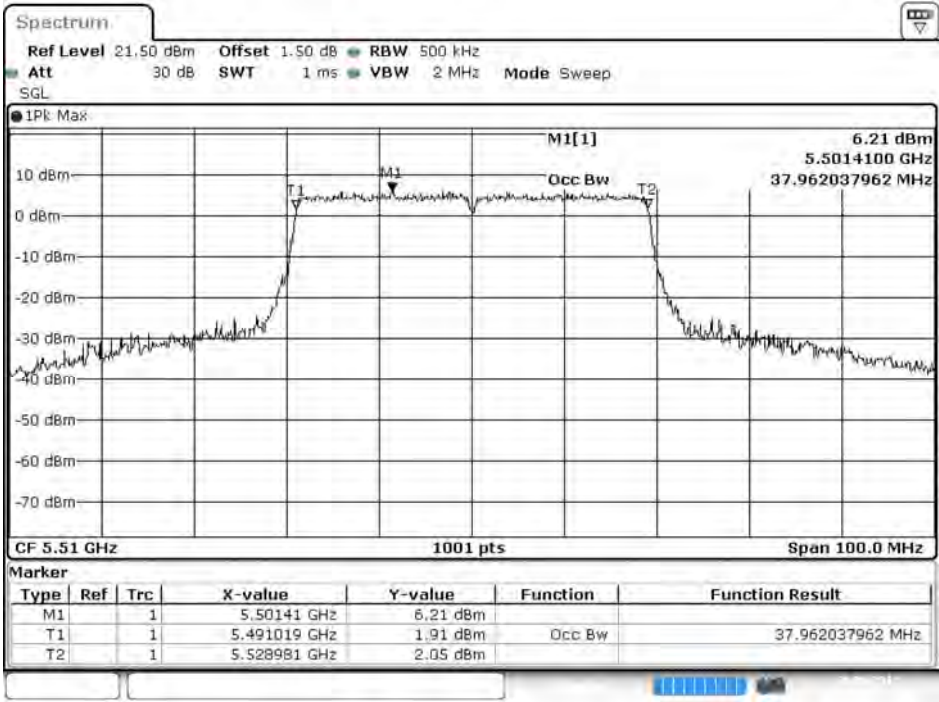


Date: 26.SEP.2018 16:39:08

Channel 102 (Chain A)

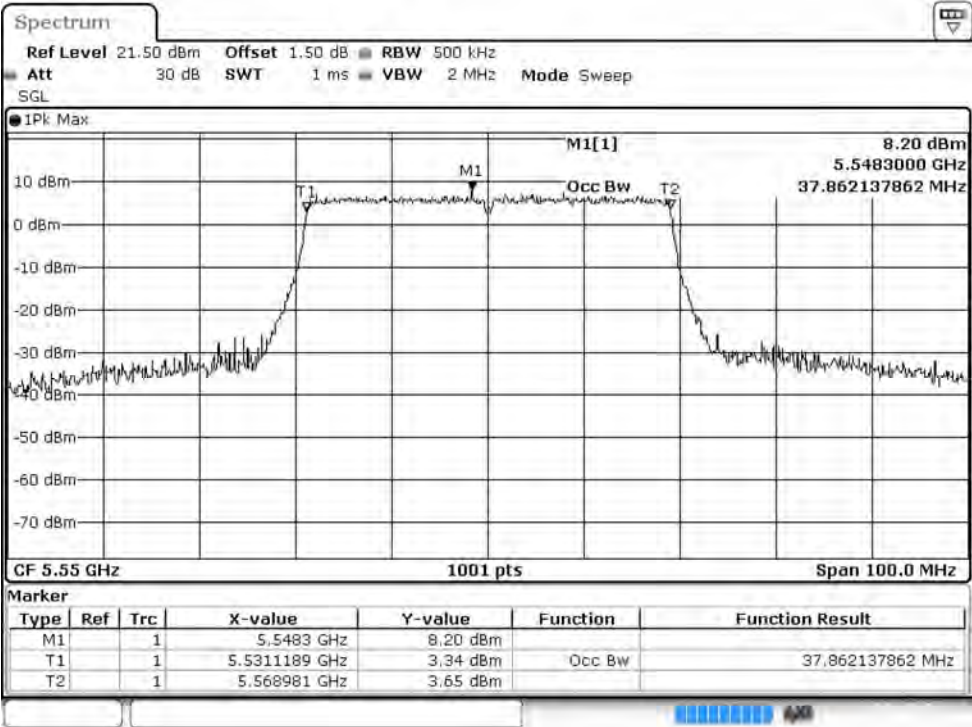


Channel 102 (Chain B)

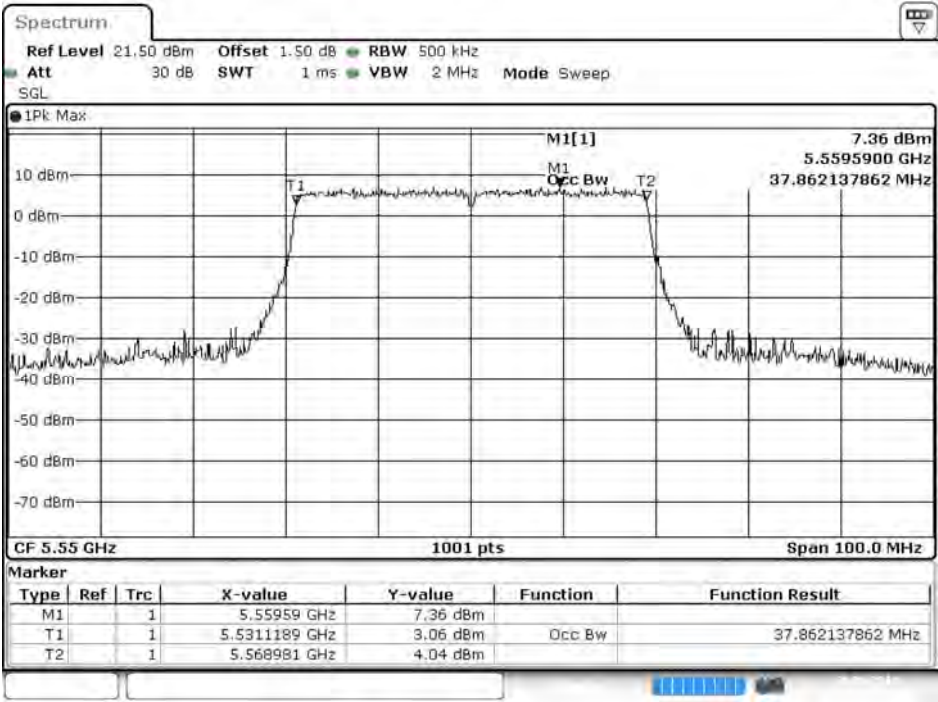


Date: 26.SEP.2018 16:42:12

Channel 110 (Chain A)

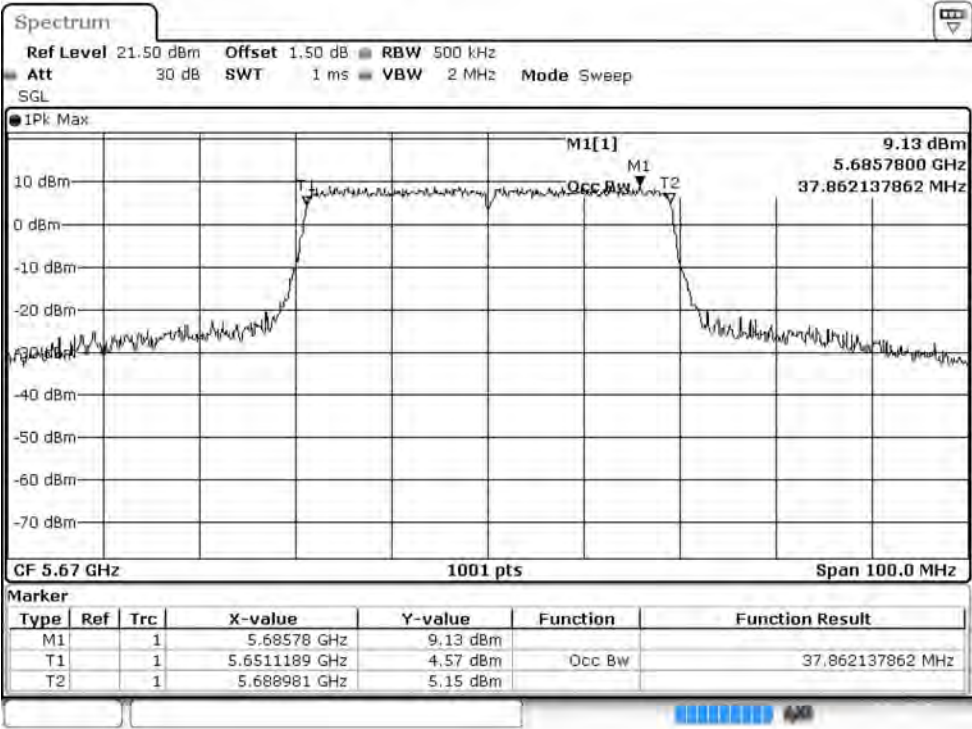


Channel 110 (Chain B)

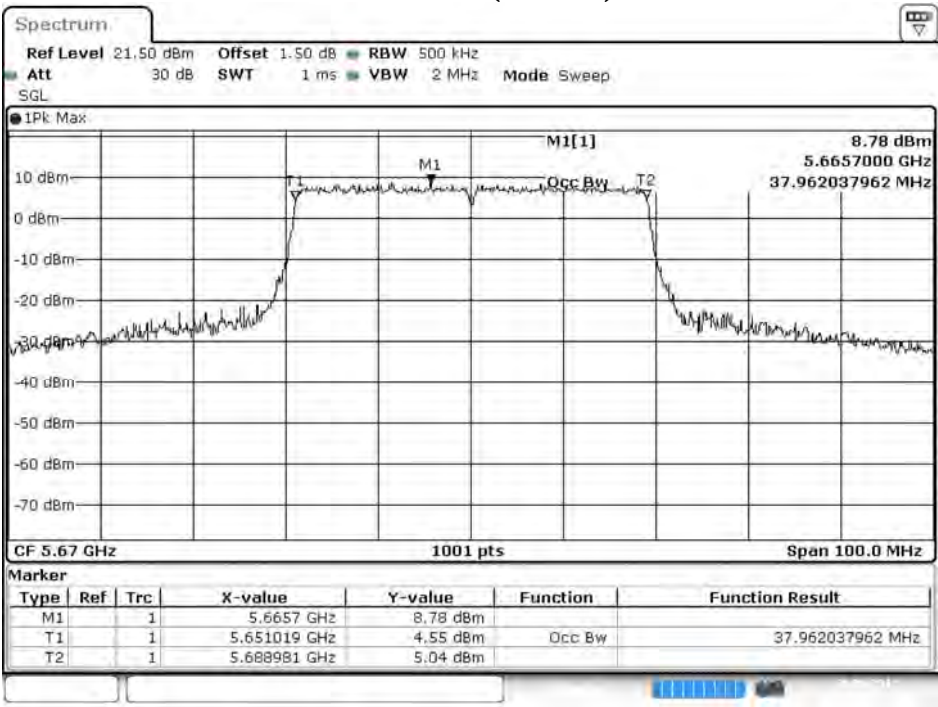


Date: 26.SEP.2018 16:45:07

Channel 134 (Chain A)

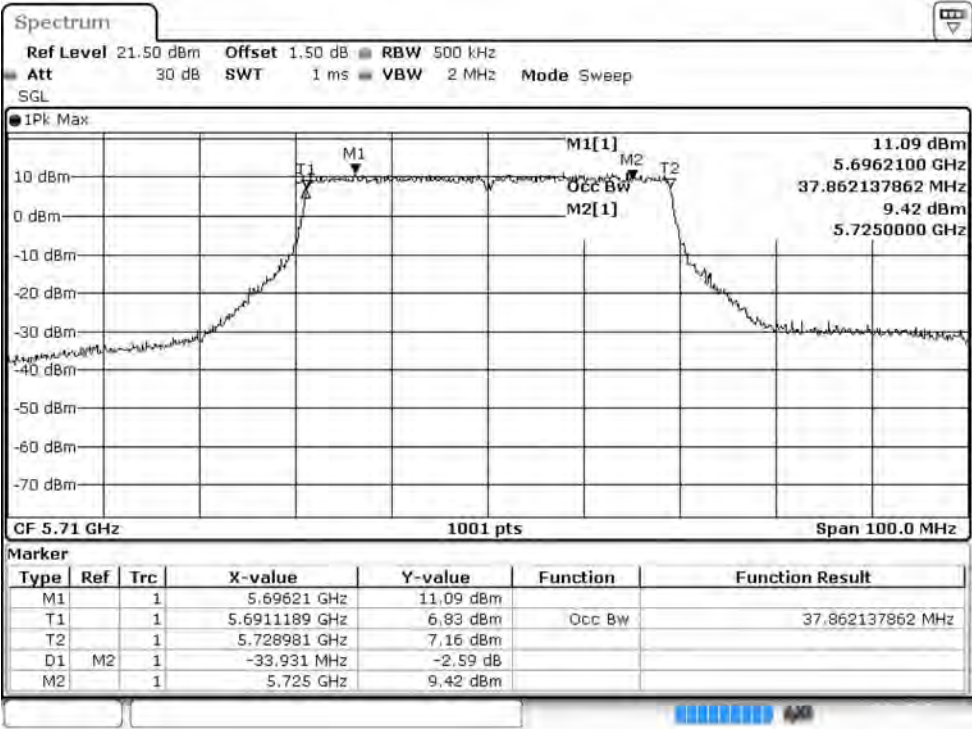


Channel 134 (Chain B)

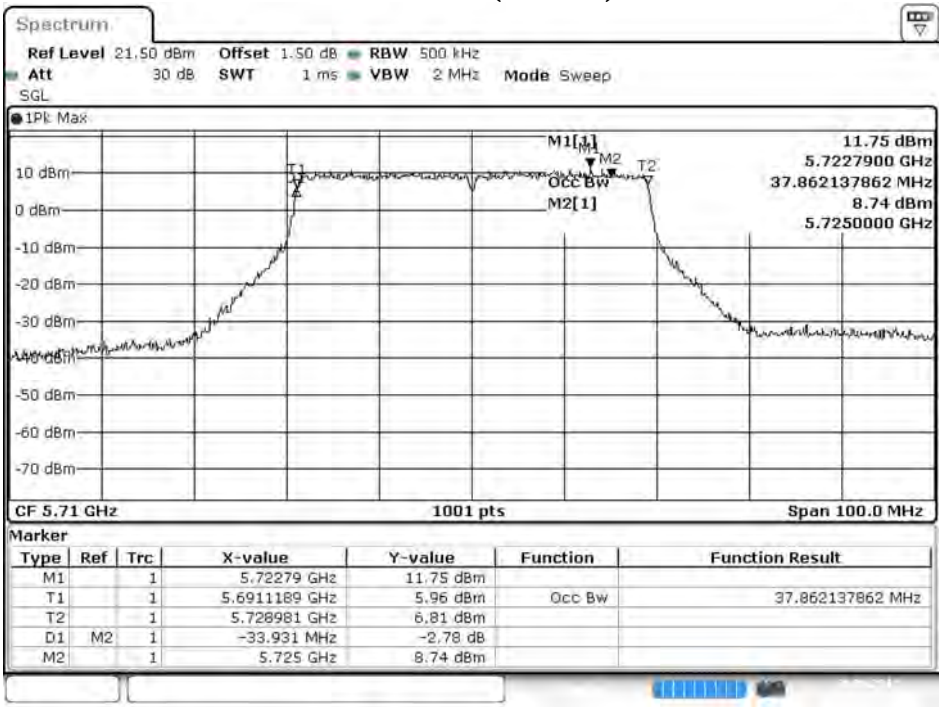


Date: 26.SEP.2018 16:48:18

Channel 142 (Chain A)



Channel 142 (Chain B)



Date: 26 SEP 2018 15:03:35