

NCC 低功率射頻電機型式試驗報告

產品名稱(中文)	Intel® Wi-Fi 6 AX200
型號	AX200D2WL
廠牌	Intel

申請者	INTEL CORPORATION SAS
地址	425 route de Goa le Cargo B6 06600 Antibes

受理日期	108 年 03 月 30 日
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報告號碼	1930501R-RFTWP35V00
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低功率射頻電機量測報告

報告發行日期: 108 年 06 月 17 日

報告號碼: 1930501R-RFTWP35V00



產品名稱(中文)	Intel® Wi-Fi 6 AX200
申請者	INTEL CORPORATION SAS
地址	425 route de Goa le Cargo B6 06600 Antibes
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 (Power By Test Fixture)
商標或廠牌	Intel
型式號	AX200D2WL
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	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	--	--
2	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 4.4 節
3	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 5.4 節
4	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 6.4 節
5	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 7.4 節
6	Duty Cycle	--	--	請參閱 2.2 節	請參閱 8.3 節
7	以 下 空 白	--	--	--	--

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1. 基本資料

1.1. 待測物裝置資料

申請者(或公司)	INTEL CORPORATION SAS
地址	425 route de Goa le Cargo B6 06600 Antibes
製造廠商	INTEL CORPORATION SAS
產品名稱	Intel® Wi-Fi 6 AX200
商標	Intel
產品型號	AX200D2WL
天線樣式	Dipole Antenna
天線增益	Refer to the table “Antenna List”
頻道控制	Auto

Antenna List

原申請				
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 5.725~5.85GHz
系列五: 增列不同廠牌不同型式不同型號之天線				
1	WIESON Technologies co.,Ltd.	GY121HT0321-003-H / GY121C888-001-H	Dipole Antenna	2.92 dBi for 5.15~5.25GHz 3.19 dBi for 5.25~5.35GHz 4.41 dBi for 5.47~5.725GHz 4.22 dBi for 5.725~5.85GHz
Note: 經交叉比對後, 新增天線樣式為 Dipole, 與原申請 PIFA 天線樣式不同, 必須重新評估場強量測之影響, 檢附測試資料。				

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 AX200，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 Dipole 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，另支援 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 36、44、48、52、60、64、100、116、140、144、149、157、165 (802.11a/n/ax-20MHz)和頻道 38、46、54、62、102、118、134、142、151、159(802.11n/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。速率 6Mbps (802.11a)與 MCS8 (802.11n)與 VHT0 (802.11ac)與 MCS0 (802.11ax)被選擇為測試傳輸速率。結果顯示於此份報告中。

(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 Dipole 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 : 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> 測試電壓: DC 3.3V (Power By Test Fixture)。
- <8> 測試軟體: DRTU (Ver 11.1850.0-08900)。

<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. 系列差異說明：

實驗室內部編號	18C0243R-RFTWP21V00 18C0243R-RFTWP23V00 18C0243R-RFTWP35V00 18C0243R-RFTWP36V00 18C0243R-SATWP05V00	1930501R-RFTWP21V00 1930501R-RFTWP23V00 1930501R-RFTWP35V00 1930501R-SATWP05V00
型號說明	AX200D2WL	AX200D2WL
廠牌	Intel	Intel
證書編號	CCAH19LP0720T0	CCAH19LP0720T0
設備硬體功能	無變動	無變動
設備軟體功能	無變動	無變動
天線樣式	PIFA	Dipole
備註	原申請	系列五 (見備註 3)

備註:

- (1) 此次系列申請新增一組天線樣式為 Dipole，與原申請之天線樣式 PIFA 不同，其餘無線射頻模組、廠牌、型號、設計及功能皆無其他改變，與原申請認證之樣品皆完全符合。
- (2) 該產品確符合同系列產品技術規格及射頻性能相同。
- (3) 此次為第五次系列申請，其餘詳細系列差異說明請參閱證書。

3. 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 2: SISO A: 發射器 802.11n-20BW
	Mode 3: SISO A: 發射器 802.11n-40BW
	Mode 4: SISO A: 發射器 802.11ac-80BW
	Mode 5: SISO A: 發射器 802.11ac-160BW
	Mode 6: SISO A: 發射器 802.11ax-20BW
	Mode 7: SISO A: 發射器 802.11ax-40BW
	Mode 8: SISO A: 發射器 802.11ax-80BW
	Mode 9: SISO A: 發射器 802.11ax-160BW
	Mode 10: SISO B: 發射器 802.11a
	Mode 11: SISO B: 發射器 802.11n-20BW
	Mode 12: SISO B: 發射器 802.11n-40BW
	Mode 13: SISO B: 發射器 802.11ac-80BW
	Mode 14: SISO B: 發射器 802.11ac-160BW
	Mode 15: SISO B: 發射器 802.11ax-20BW
	Mode 16: SISO B: 發射器 802.11ax-40BW
	Mode 17: SISO B: 發射器 802.11ax-80BW
	Mode 18: SISO B: 發射器 802.11ax-160BW
	Mode 19: MIMO: 發射器 802.11n-20BW
	Mode 20: MIMO: 發射器 802.11n-40BW
	Mode 21: MIMO: 發射器 802.11ac-80BW
	Mode 22: MIMO: 發射器 802.11ac-160BW
	Mode 23: MIMO: 發射器 802.11ax-20BW
	Mode 24: MIMO: 發射器 802.11ax-40BW
	Mode 25: MIMO: 發射器 802.11ax-80BW
	Mode 26: MIMO: 發射器 802.11ax-160BW
	Mode 27: SISO A: 接收器 802.11ax-20BW
	Mode 28: SISO A: 接收器 802.11ax-40BW
	Mode 29: SISO A: 接收器 802.11ax-80BW
	Mode 30: SISO A: 接收器 802.11ax-160BW
	Mode 31: SISO B: 接收器 802.11ax-20BW
	Mode 32: SISO B: 接收器 802.11ax-40BW
	Mode 33: SISO B: 接收器 802.11ax-80BW
	Mode 34: SISO B: 接收器 802.11ax-160BW
	Mode 35: MIMO: 接收器 802.11ax-20BW
	Mode 36: MIMO: 接收器 802.11ax-40BW
	Mode 37: MIMO: 接收器 802.11ax-80BW
	Mode 38: MIMO: 接收器 802.11ax-160BW

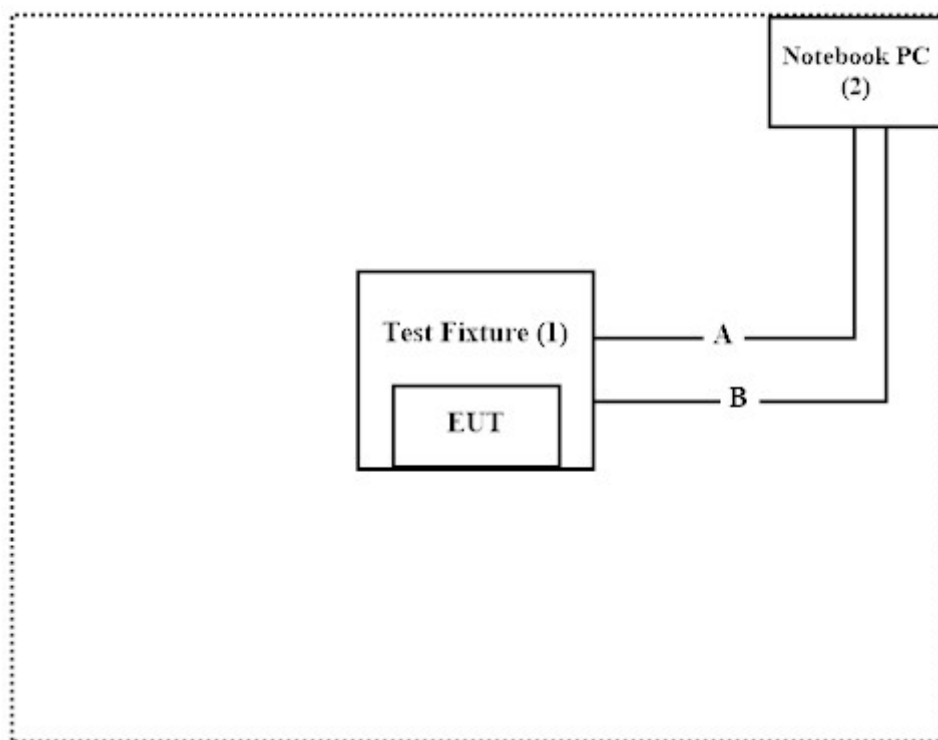
1.3. 系統測試時之週邊裝置

待測裝置測試時，其搭配系統測試時之週邊裝置包括下列：

Product	Manufacturer	Model No.	Serial No.	Power Cord
1 Test Fixture	Intel	N/A	N/A	N/A
2 Notebook PC	DELL	P44G	9T8YN32	N/A

Signal Cable Type	Signal cable Description
A USB Cable	Non-shielded, 1.2m
B Signal Cable	Non-shielded, 1m

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 11.1850.0-08900)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

德凱認證股份有限公司是家專為無線產品、手機、通訊、電磁相容及安全規範的技術測試暨認證顧問之專業實驗室，實驗室秉持著公正客觀的態度及全套完整測試設備，和本身完善的品質系統，實驗室皆依 ISO/IEC 17025、EN 45001 及 ISO/IEC Guide 25 管理實驗室，並取得各國認證機構之合格證書，實驗室之相關合格證書，可由德凱認證股份有限公司的網站下載，下載網址:

<http://www.dekra.com.tw/chinese/about/certificates.aspx?bval=5>

實驗室之詳細地址、位置與聯絡方式，可由德凱認證股份有限公司的網站查詢，網址:

<http://www.dekra.com.tw>

財團法人全國認證基金會 認證

特定服務計畫：電信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

測試實驗室名稱：德凱認證股份有限公司

測試實驗室位置：新北市林口區文化一路二段159號

2.2. 測試設備明細

For Conducted measurements /ASR2

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Spectrum Analyzer	R&S	FSV30	103464	2019.01.25	2020.01.24
X	Power Meter	Anritsu	ML2496A	1548003	2018.12.19	2019.12.18
X	Power Sensor	Anritsu	MA2411B	1531024	2018.12.19	2019.12.18
X	Power Sensor	Anritsu	MA2411B	1531025	2018.12.19	2019.12.18
	Bluetooth Tester	R&S	CBT	101238	2019.01.21	2020.01.20

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 V9.0.5

For Radiated measurements /ACB1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Loop Antenna	AMETEK	HLA6121	49611	2019.02.22	2020.02.21
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-674	2019.04.23	2020.04.22
X	Horn Antenna	ETS-Lindgren	3117	00203800	2018.12.11	2019.12.10
X	Horn Antenna	Com-Power	AH-840	101087	2019.05.30	2020.05.29
X	Pre-Amplifier	EMCI	EMC001330	980316	2019.06.14	2020.06.13
X	Pre-Amplifier	EMCI	EMC051835SE	980311	2019.06.13	2020.06.12
X	Pre-Amplifier	EMCI	EMC05820SE	980308	2018.06.22	2019.06.21
X	Pre-Amplifier	EMCI	EMC184045SE	980314	2019.05.28	2020.05.27
	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	2018.12.17	2019.12.16
X	Spectrum Analyzer	R&S	FSV40	101148	2019.02.20	2020.02.19
X	Coaxial Cable	SUHNER	SUCOFLEX 106	RF002	2019.05.25	2020.05.24
X	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2019.05.28	2020.05.27

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 System V2.1.113

3. 天線之要求

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 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

3.2. 天線樣式

此 Intel® Wi-Fi 6 AX200 為半固定式 Dipole Antenna (檢附天線規格書)

Antenna List

原申請				
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 5.725~5.85GHz
系列五: 增列不同廠牌不同型式不同型號之天線				
1	WIESON Technologies co.,Ltd.	GY121HT0321-003-H / GY121C888-001-H	Dipole Antenna	2.92 dBi for 5.15~5.25GHz 3.19 dBi for 5.25~5.35GHz 4.41 dBi for 5.47~5.725GHz 4.22 dBi for 5.725~5.85GHz
Note: 經交叉比對後, 新增天線樣式為 Dipole, 與原申請 PIFA 天線樣式不同, 必須重新評估場強量測之影響, 檢附測試資料。				

天線之要求測試結果:	PASS
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4. 峰值發射功率

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 4.7.3 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

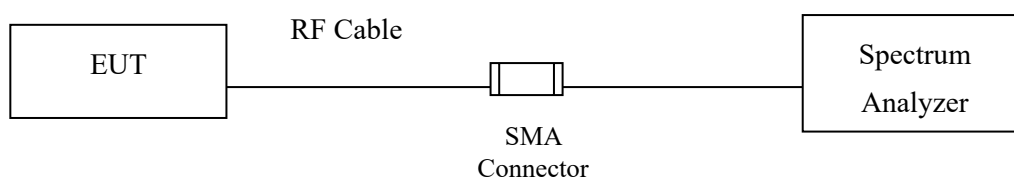
4.2. 量測方法

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。

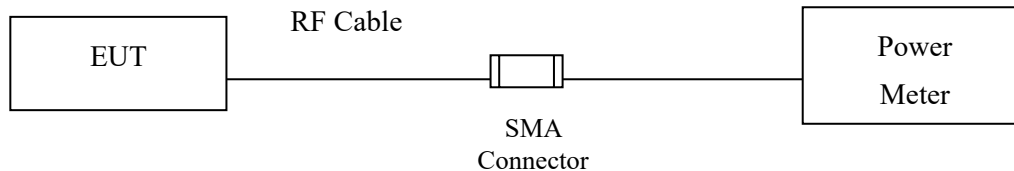
4.3. 測試架構圖

99% Occupied Bandwidth

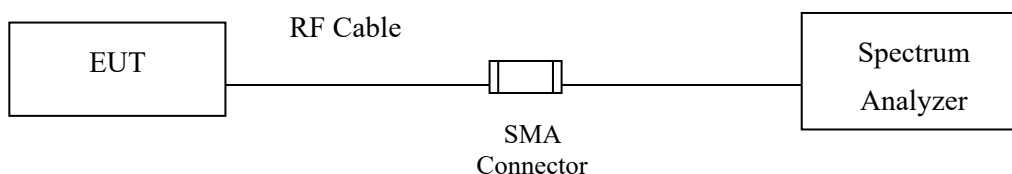


Conduction Power Measurement

Conduction Power Measurement (for 802.11an)



Conduction Power Measurement (for 802.11ac)



4.4. 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 $\pm 1.30\text{dB}$

4.5. 峰值發射功率測試結果

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試頻道：--

檢測器：峰值

測試日期：108年05月13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=1.0dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		6	9	12	18	24	36	48	54
		Measurement Level (dBm)							
36	5180	20.16	--	--	--	--	--	--	--
44	5220	20.81	20.78	20.73	20.69	20.61	20.54	20.50	20.43
48	5240	20.92	--	--	--	--	--	--	--
52	5260	20.96	--	--	--	--	--	--	--
60	5300	20.89	20.83	20.78	20.75	20.71	20.64	20.61	20.56
64	5320	20.86	--	--	--	--	--	--	--
100	5500	20.27	--	--	--	--	--	--	--
116	5580	20.89	20.84	20.79	20.75	20.71	20.68	20.64	20.60
140	5700	19.39	--	--	--	--	--	--	--
149	5745	20.91	--	--	--	--	--	--	--
157	5785	20.84	20.80	20.75	20.71	20.68	20.65	20.61	20.57
165	5825	20.93	--	--	--	--	--	--	--

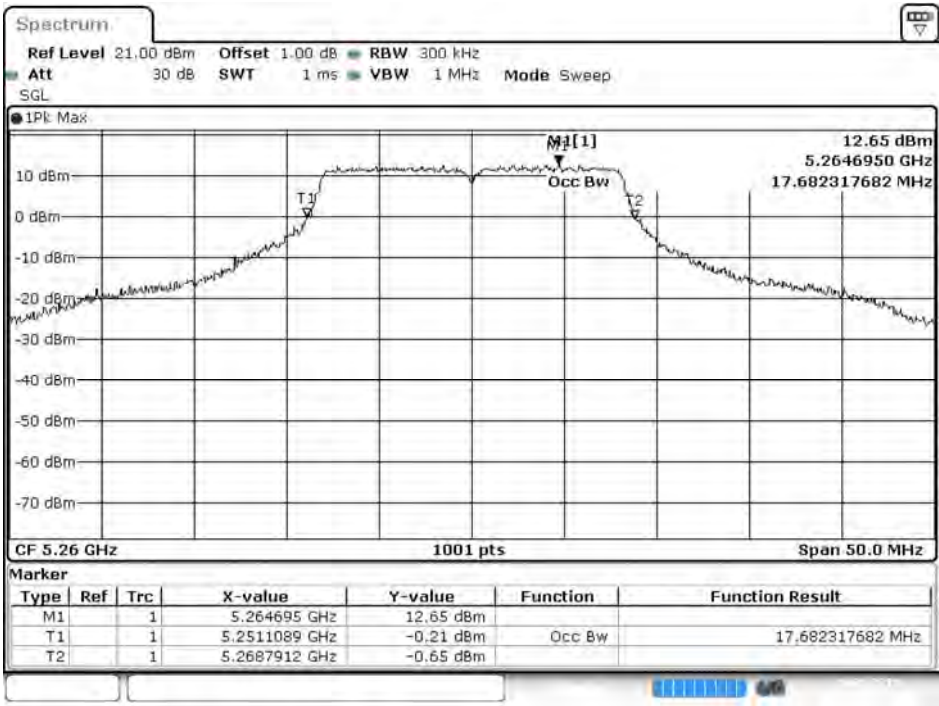
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

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	--	20.16	24	--
44	5220	--	20.81	24	--
48	5240	--	20.92	24	--
52	5260	17.682	20.96	24	23.48
60	5300	17.482	20.89	24	23.43
64	5320	17.432	20.86	24	23.41
100	5500	17.382	20.27	24	23.40
116	5580	17.832	20.89	24	23.51
140	5700	17.132	19.39	24	23.34
149	5745	--	20.91	30	--
157	5785	--	20.84	30	--
165	5825	--	20.93	30	--

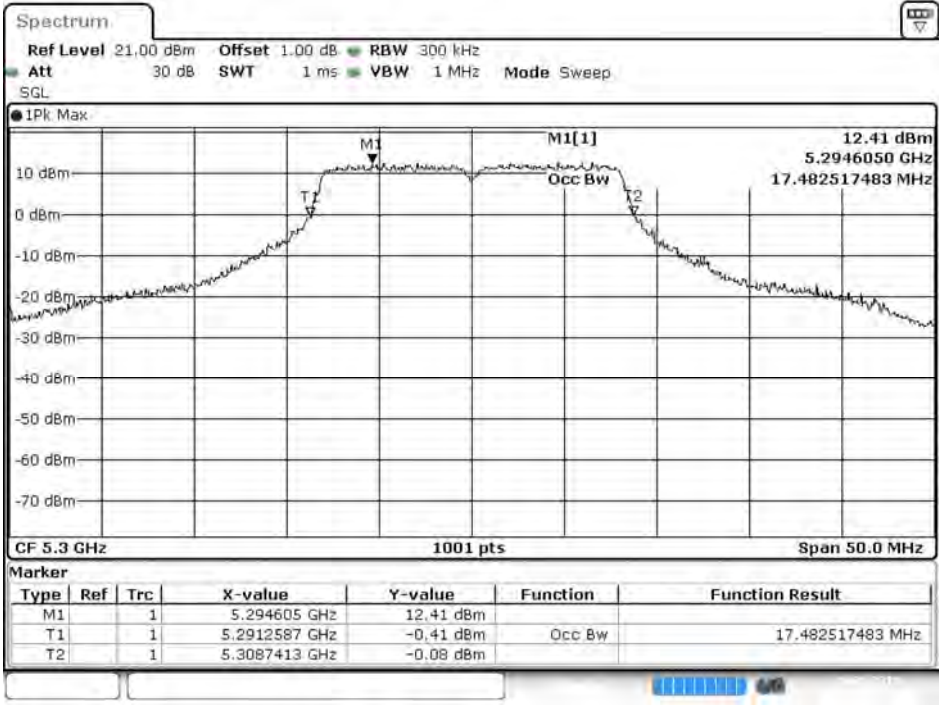
99% Occupied Bandwidth:

Channel 52



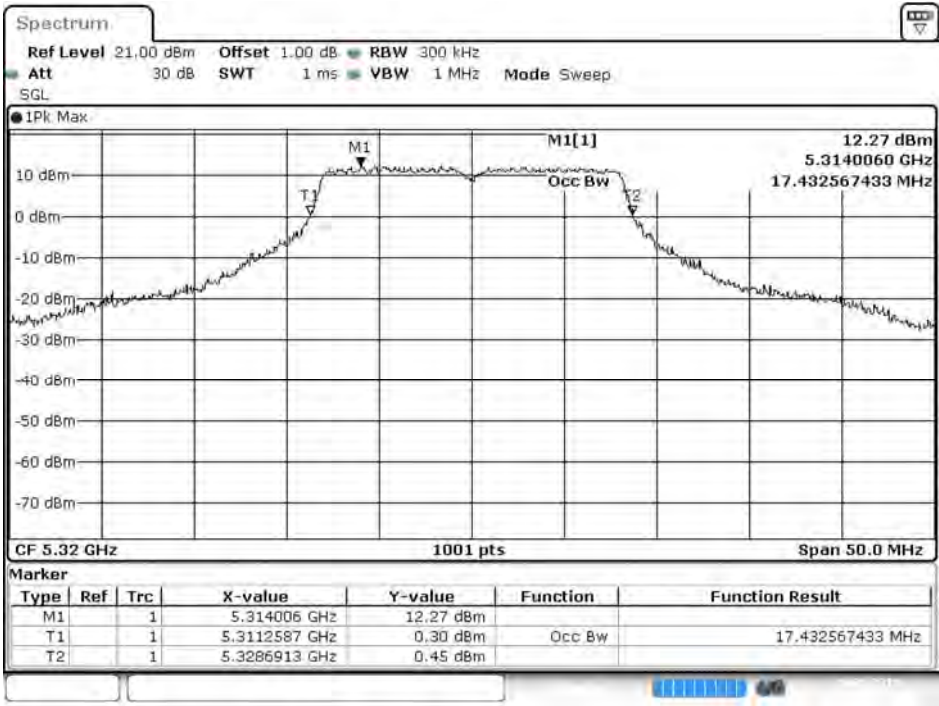
Date: 14.MAY.2019 12:16:58

Channel 60



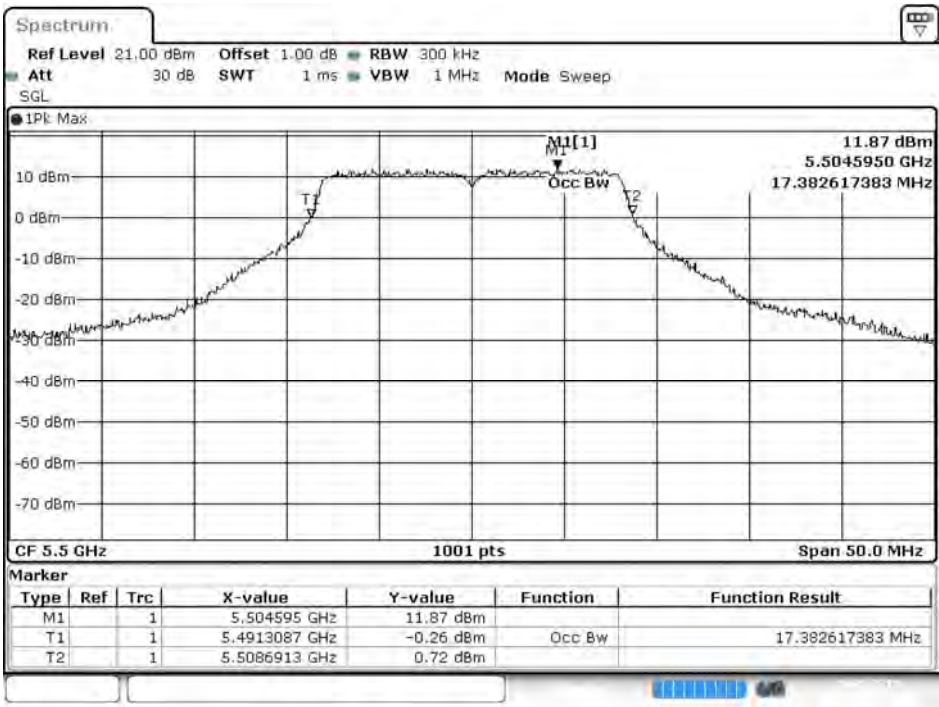
Date: 14.MAY.2019 12:17:31

Channel 64



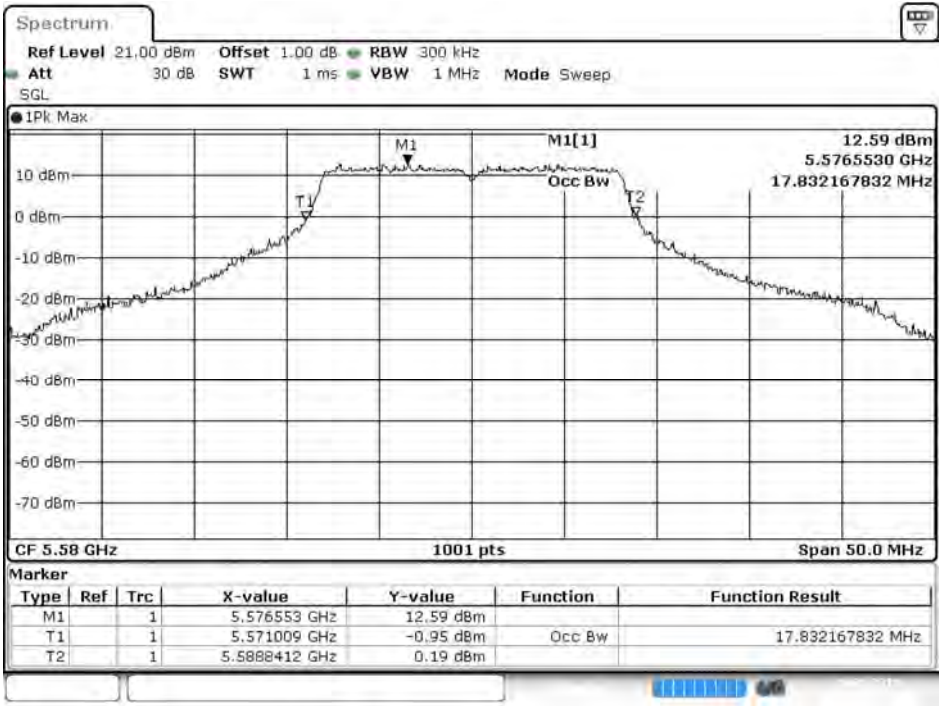
Date: 14.MAY.2019 12:18:05

Channel 100



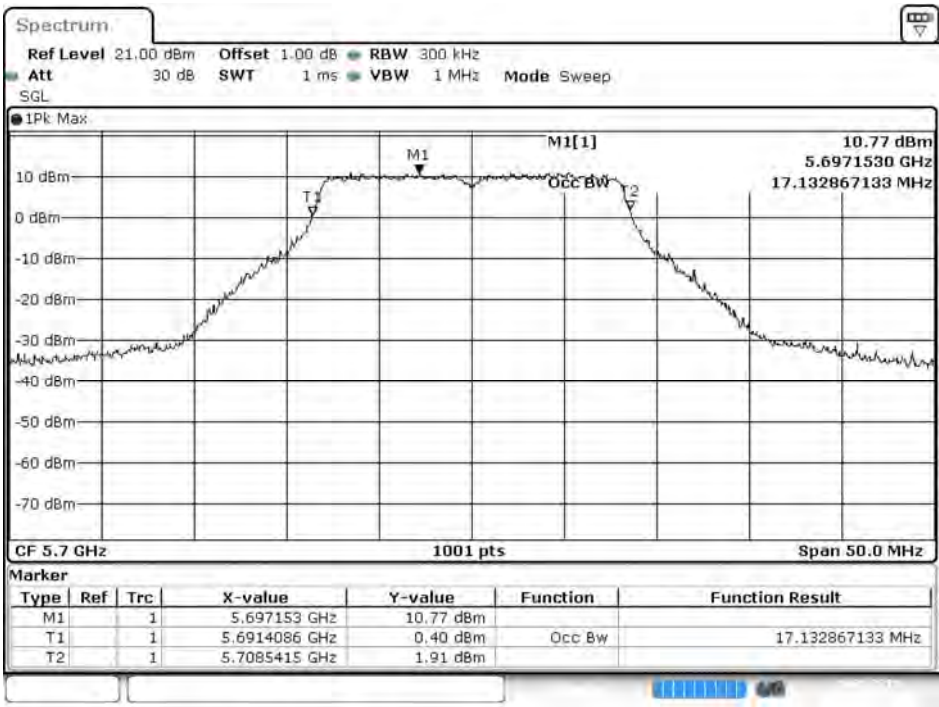
Date: 14.MAY.2019 12:18:43

Channel 116



Date: 14.MAY.2019 12:19:20

Channel 140



Date: 14.MAY.2019 12:20:13

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 2: SISO A: 發射器 802.11n-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：108 年 05 月 13 日

環境濕度：53 %

Cable loss=1.0dB		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	20.17	--	--	--	--	--	--	--
44	5220	20.86	20.81	20.78	20.75	20.71	20.67	20.61	20.56
48	5240	20.93	--	--	--	--	--	--	--
52	5260	20.94	--	--	--	--	--	--	--
60	5300	20.89	20.83	20.79	20.76	20.71	20.67	20.64	20.61
64	5320	20.72	--	--	--	--	--	--	--
100	5500	20.15	--	--	--	--	--	--	--
116	5580	20.93	20.89	20.86	20.82	20.78	20.74	20.71	20.67
140	5700	19.25	--	--	--	--	--	--	--
144(U-NII-2C)	5720	19.76	19.73	19.68	19.63	19.58	19.54	19.51	19.45
144(U-NII-3)	5720	14.47	14.43	14.39	14.36	14.31	14.24	14.21	14.17
149	5745	20.91	--	--	--	--	--	--	--
157	5785	20.88	20.83	20.79	20.75	20.71	20.67	20.63	20.54
165	5825	20.94	--	--	--	--	--	--	--

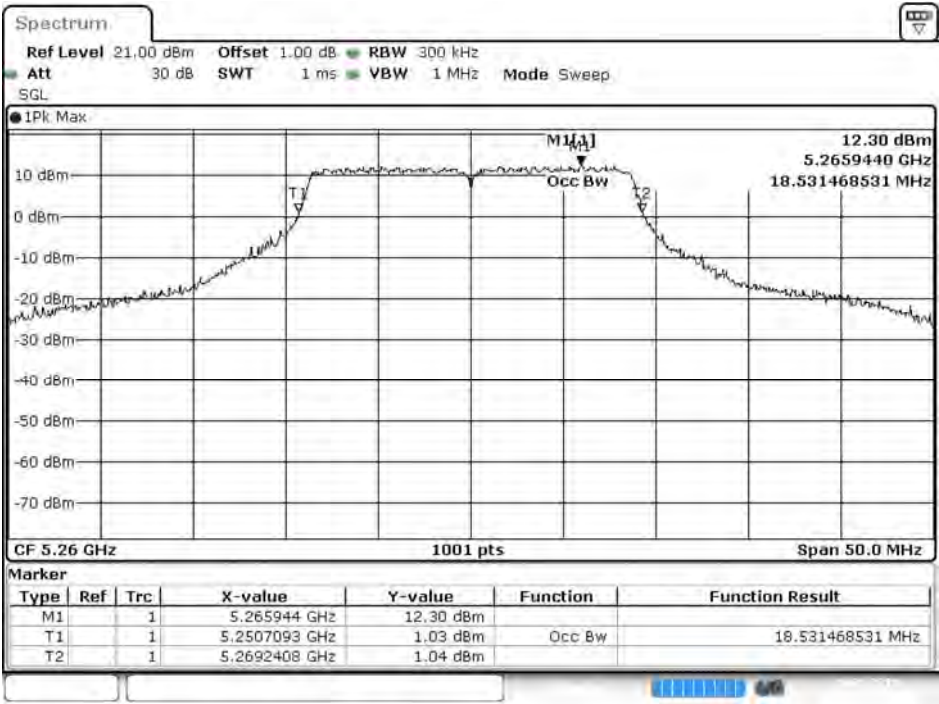
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	20.17	24	--
44	5220	--	20.86	24	--
48	5240	--	20.93	24	--
52	5260	18.531	20.94	24	23.68
60	5300	18.431	20.89	24	23.66
64	5320	18.431	20.72	24	23.66
100	5500	18.331	20.15	24	23.63
116	5580	18.531	20.93	24	23.68
140	5700	18.231	19.25	24	23.61
144(U-NII-2C)	5720	14.141	19.76	24	22.50
144(U-NII-3)	5720	--	14.47	30	--
149	5745	--	20.91	30	--
157	5785	--	20.88	30	--
165	5825	--	20.94	30	--

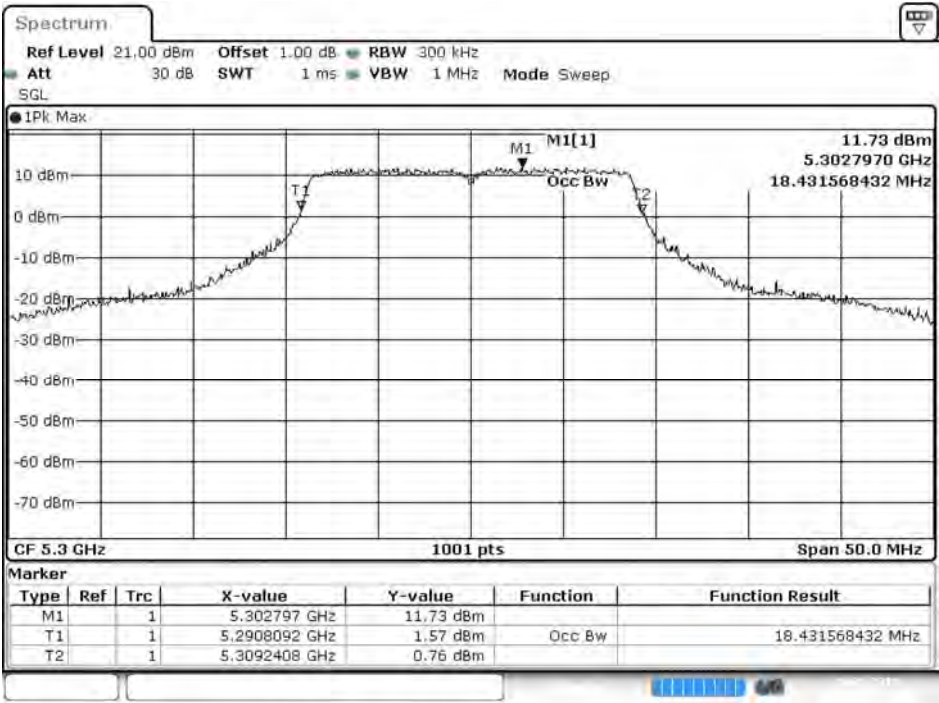
99% Occupied Bandwidth:

Channel 52



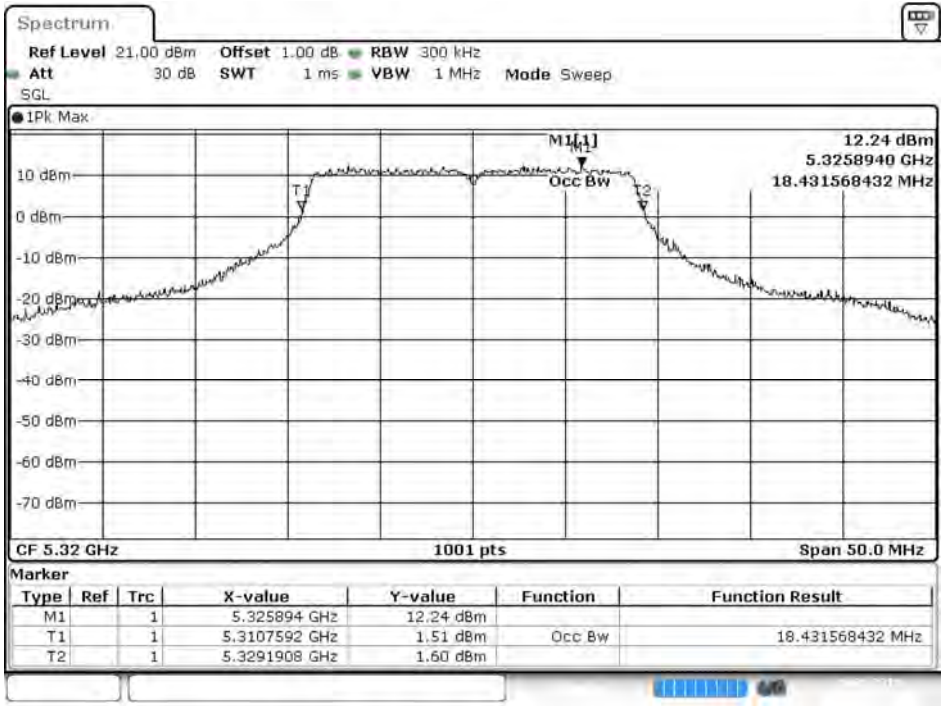
Date: 14.MAY.2019 12:24 10

Channel 60



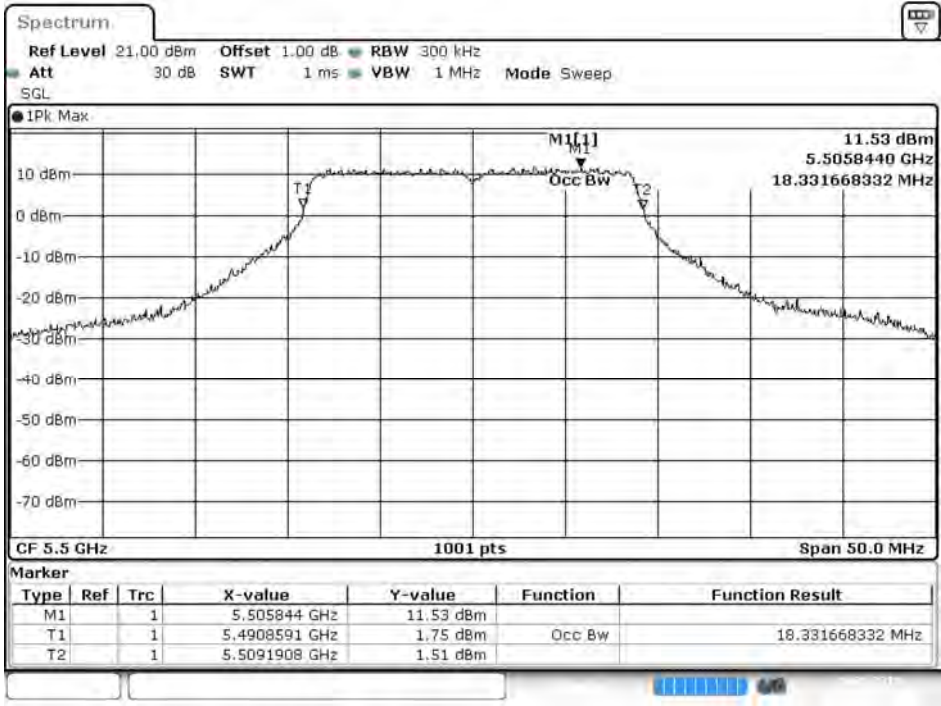
Date: 14.MAY.2019 12:24 49

Channel 64



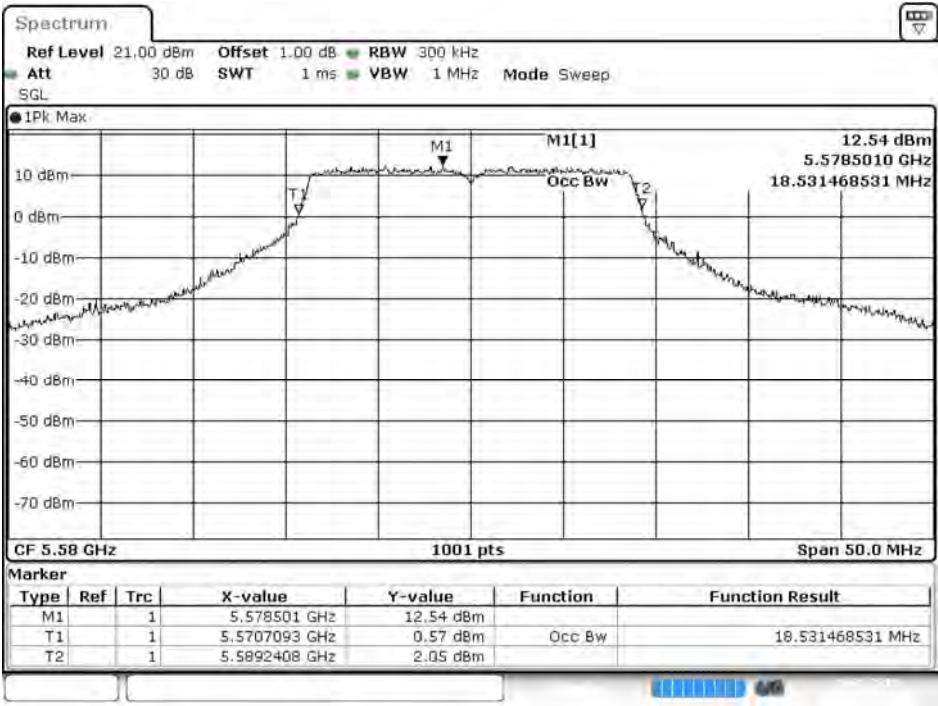
Date: 14.MAY.2019 12:25:27

Channel 100



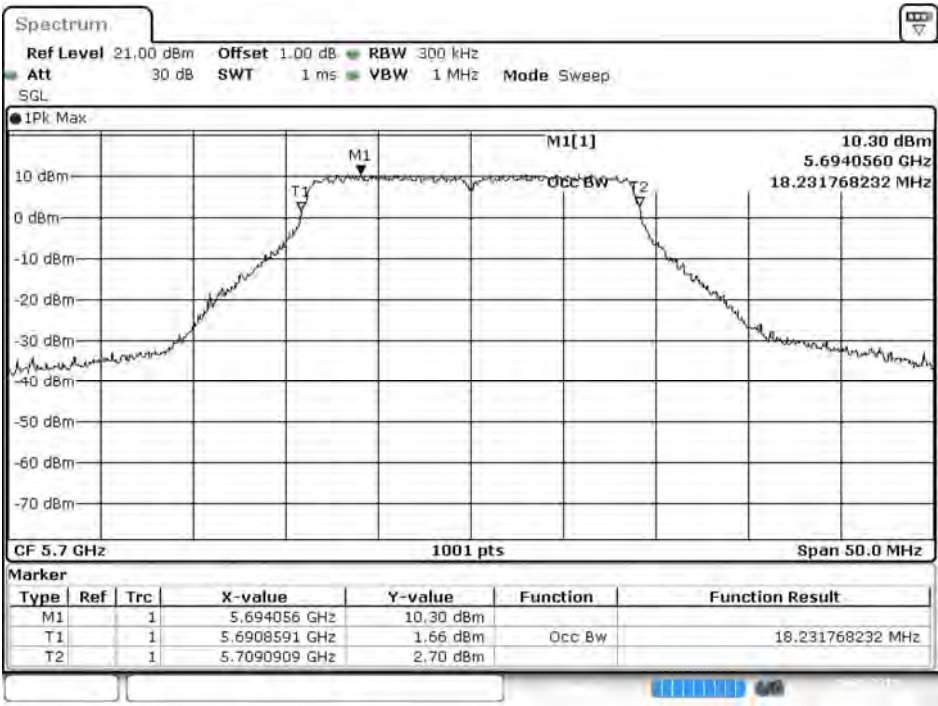
Date: 14.MAY.2019 12:26:01

Channel 116



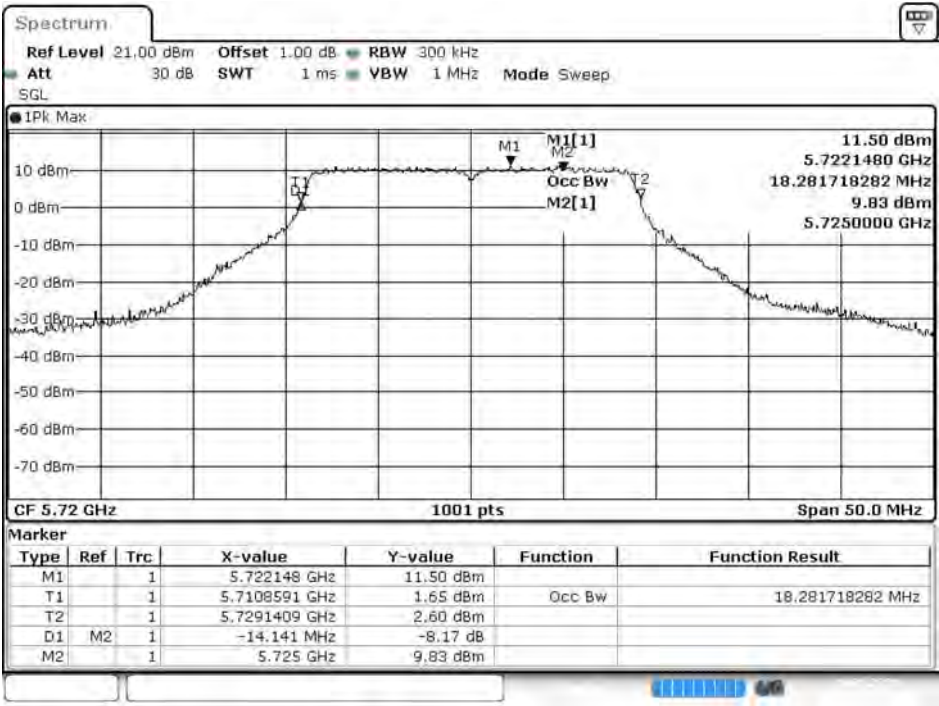
Date: 14.MAY.2019 12:26:43

Channel 140



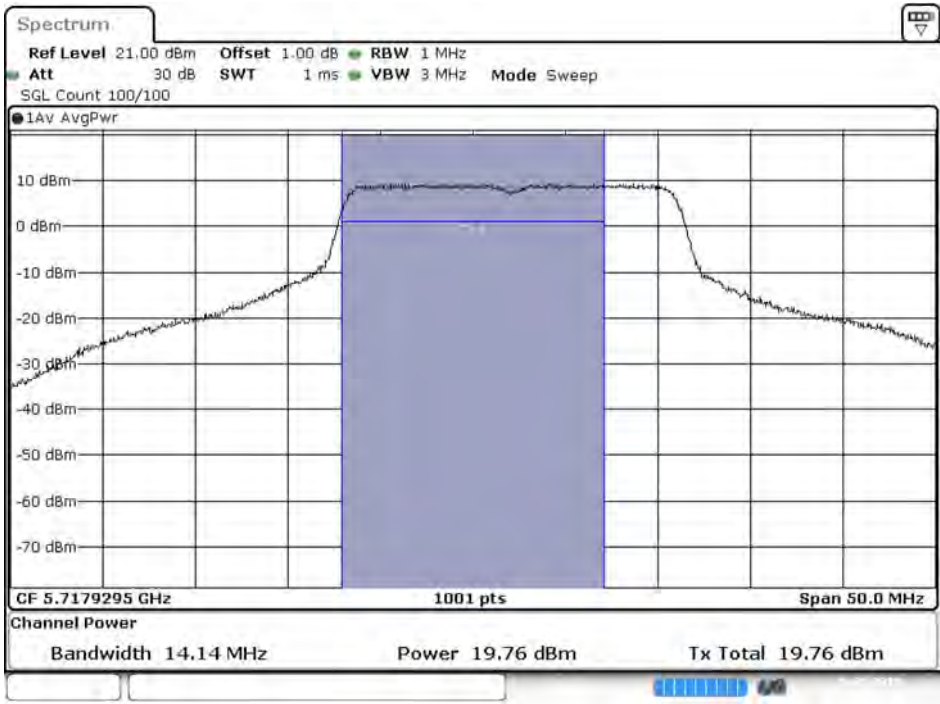
Date: 14.MAY.2019 12:27:26

Channel 144



Date: 14.MAY.2019 16:32:57

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



Date: 14.MAY.2019 16:33:36

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



Date: 14.MAY.2019 16:34:15

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 3: SISO A: 發射器 802.11n-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：108 年 05 月 13 日

環境濕度：53 %

Cable loss=1.0dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		15	30	45	60	90	120	135	150
		Measurement Level (dBm)							
38	5190	20.37	--	--	--	--	--	--	--
46	5230	20.87	20.84	20.81	20.76	20.72	20.67	20.63	20.58
54	5270	20.76	--	--	--	--	--	--	--
62	5310	19.16	19.11	19.06	19.03	18.97	18.93	18.89	18.86
102	5510	19.15	--	--	--	--	--	--	--
110	5550	20.96	20.93	20.87	20.82	20.77	20.74	20.71	20.66
134	5670	19.46	--	--	--	--	--	--	--
142(U-NII-2C)	5710	20.41	20.37	20.34	20.31	20.25	20.18	20.14	20.10
142(U-NII-3)	5710	10.35	10.31	10.26	10.23	10.19	10.14	10.08	10.03
151	5755	20.91	--	--	--	--	--	--	--
159	5795	20.92	20.88	20.84	20.79	20.76	20.72	20.67	20.63

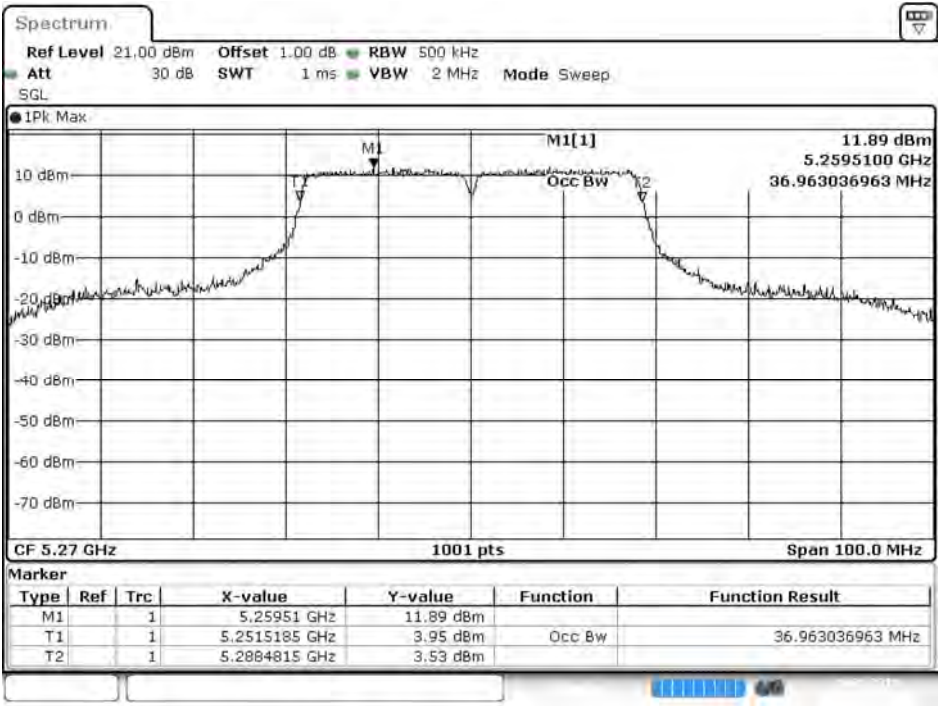
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	20.37	24	--
46	5230	--	20.87	24	--
54	5270	36.963	20.76	24	26.68
62	5310	36.663	19.16	24	26.64
102	5510	36.663	19.15	24	26.64
110	5550	36.963	20.96	24	26.68
134	5670	36.663	19.46	24	26.64
142(U-NII-2C)	5710	33.931	20.41	24	26.31
142(U-NII-3)	5710	--	10.35	30	--
151	5755	--	20.91	30	--
159	5795	--	20.92	30	--

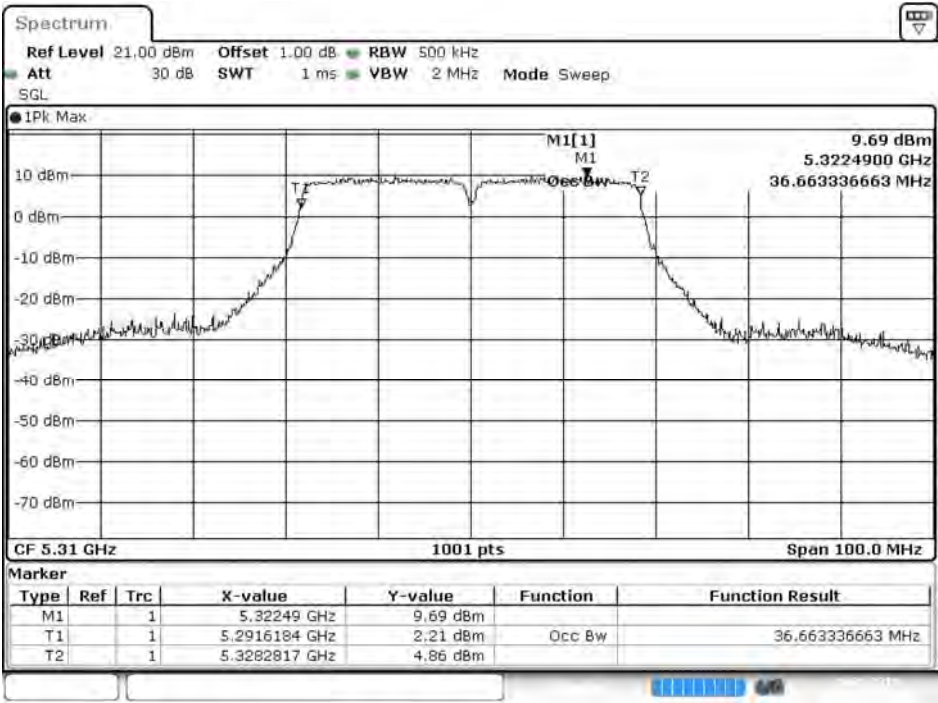
99% Occupied Bandwidth:

Channel 54



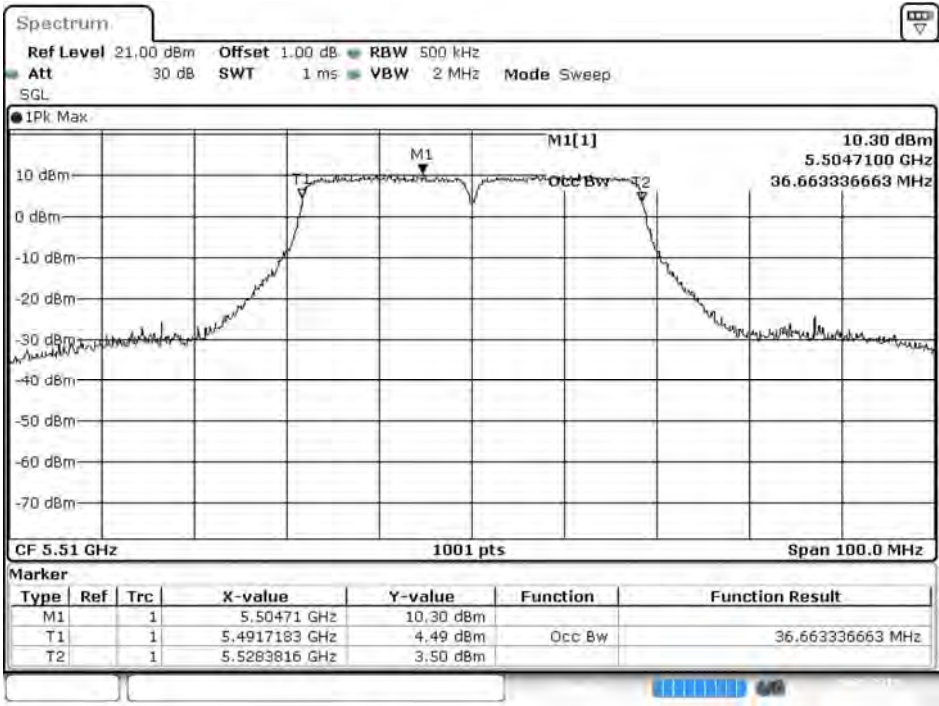
Date: 14.MAY.2019 12:29:15

Channel 62



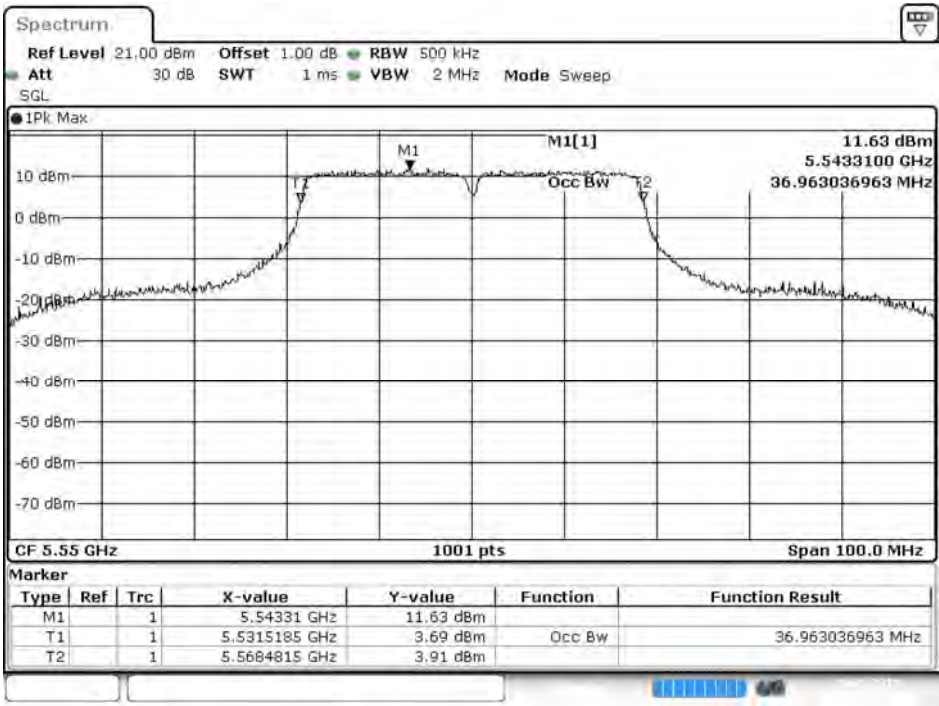
Date: 14.MAY.2019 12:29:54

Channel 102



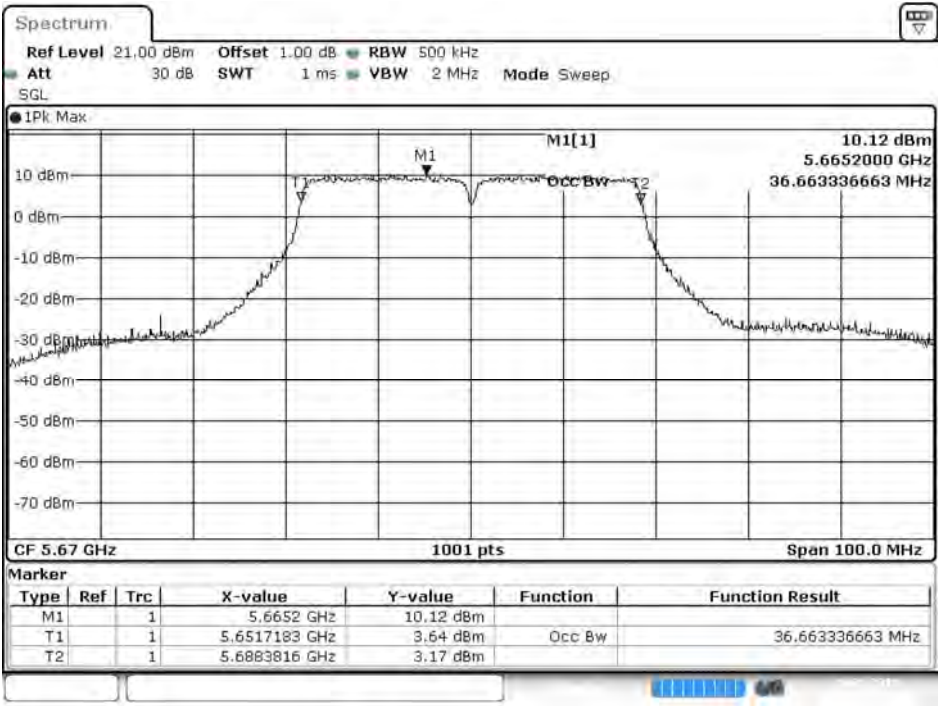
Date: 14.MAY.2019 12:30:28

Channel 110



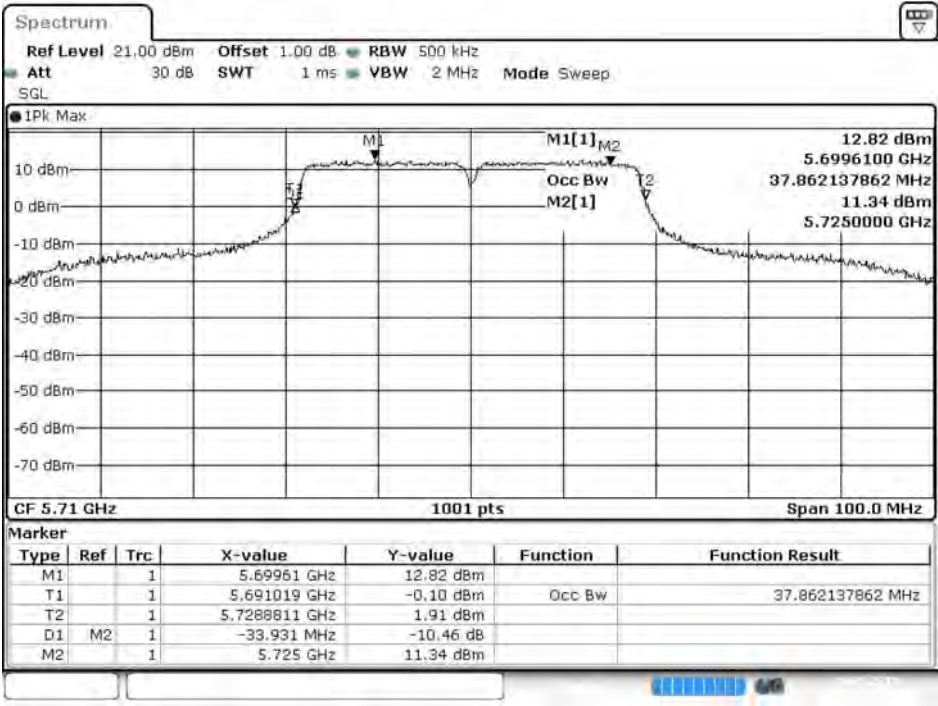
Date: 14.MAY.2019 12:31:06

Channel 134



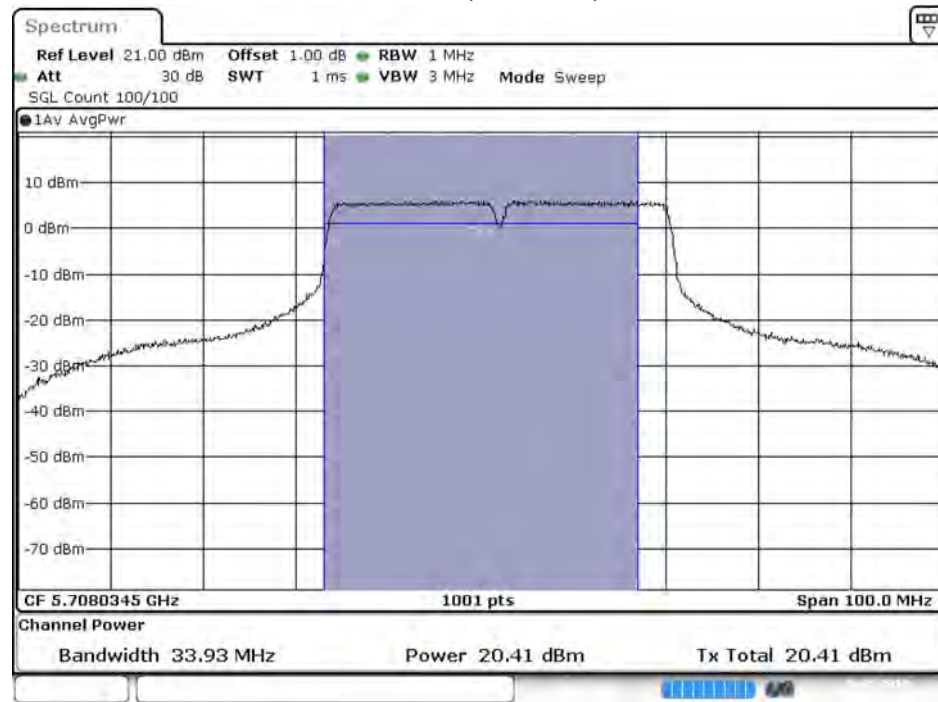
Date: 14.MAY.2019 12:31:43

Channel 142



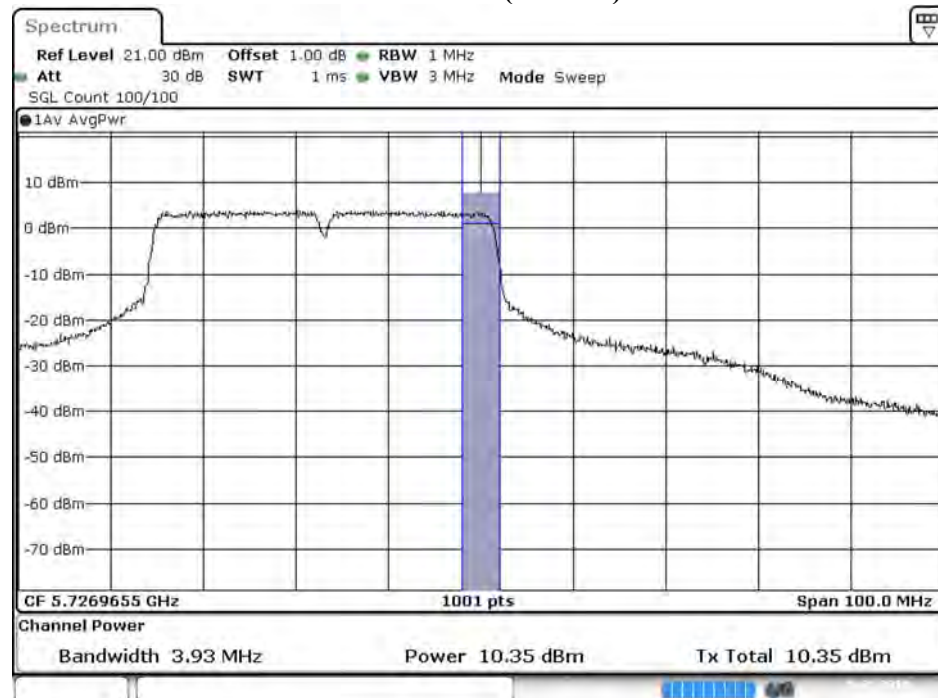
Date: 14.MAY.2019 16:35:22

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



Date: 14.MAY.2019 16:36:01

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



Date: 14.MAY.2019 16:36:40

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 4: 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：108 年 05 月 13 日

環境濕度：53 %

Cable loss=1.0dB		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	18.87	18.84	18.81	18.77	18.73	18.69	18.62	18.58	18.54	18.47
58	5290	19.16	19.13	19.09	19.06	19.01	18.97	18.94	18.91	18.87	18.82
106	5530	19.01	--	--	--	--	--	--	--	--	--
122	5610	20.74	20.71	20.68	20.64	20.61	20.56	20.53	20.49	20.46	20.41
138 (U-NII-2C)	5690	20.66	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	4.50	--	--	--	--	--	--	--	--	--
155	5775	19.83	19.80	19.76	19.72	19.68	19.65	19.61	19.57	19.50	19.42

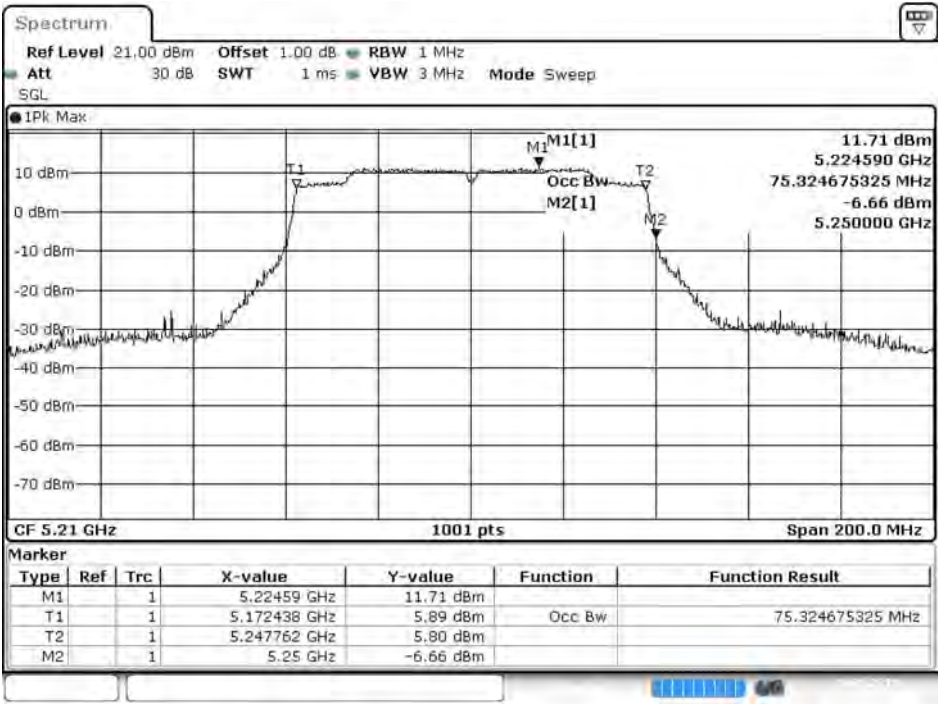
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

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	--	18.87	24	--
58	5290	75.324	19.16	24	29.77
106	5530	75.324	19.01	24	29.77
122	5610	75.324	20.74	24	29.77
138 (U-NII-2C)	5690	72.663	20.66	24	29.61
138 (U-NII-3)	5690	--	4.50	30	--
155	5775	--	19.83	30	--

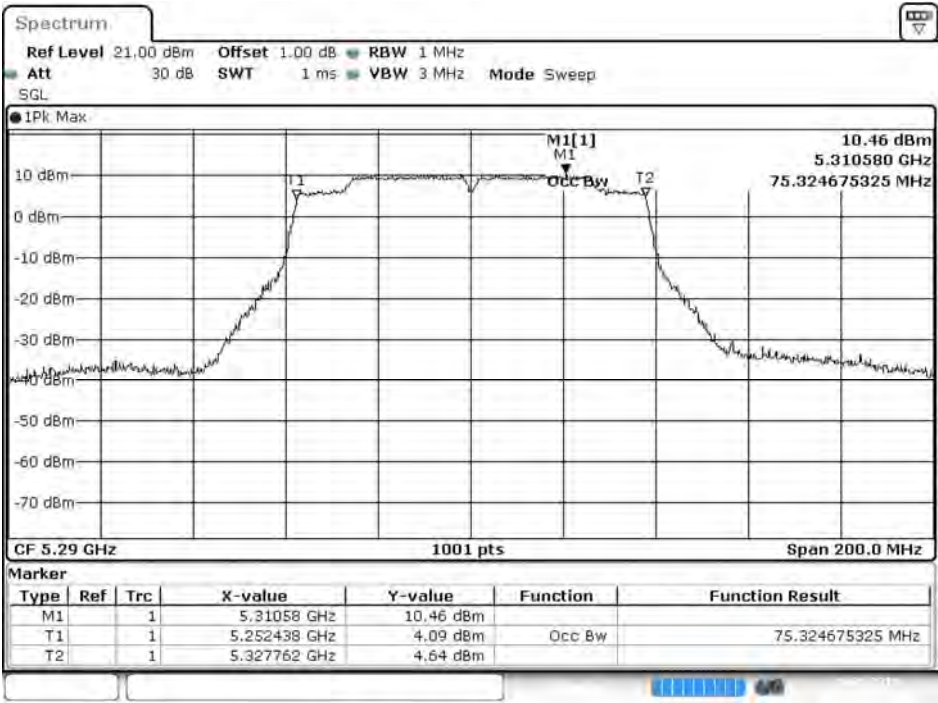
99% Occupied Bandwidth:

Channel 42



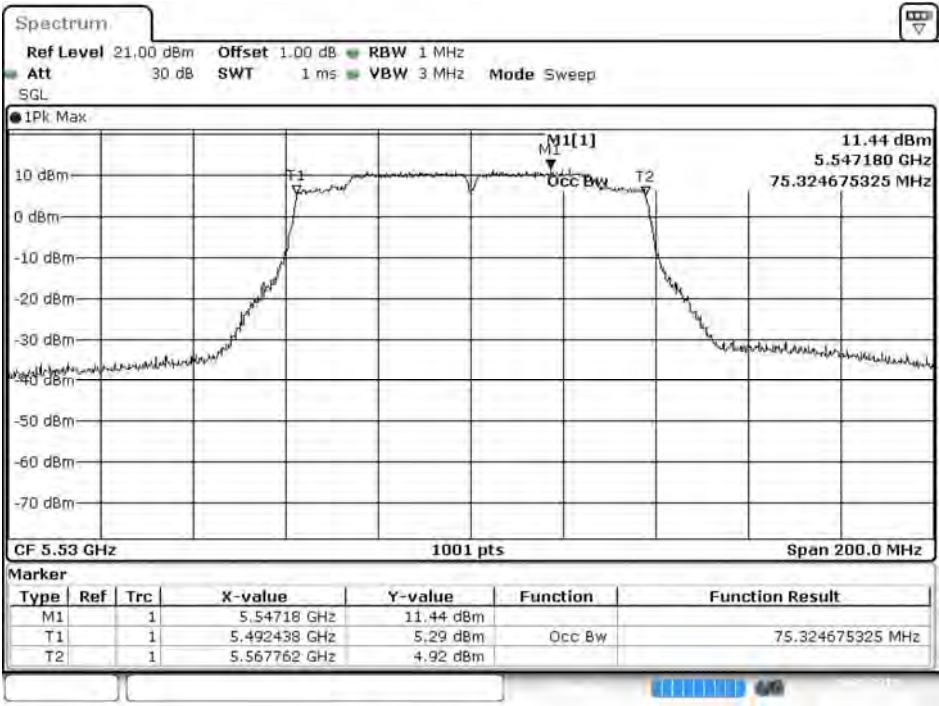
Date: 14.MAY.2019 16:41:13

Channel 58



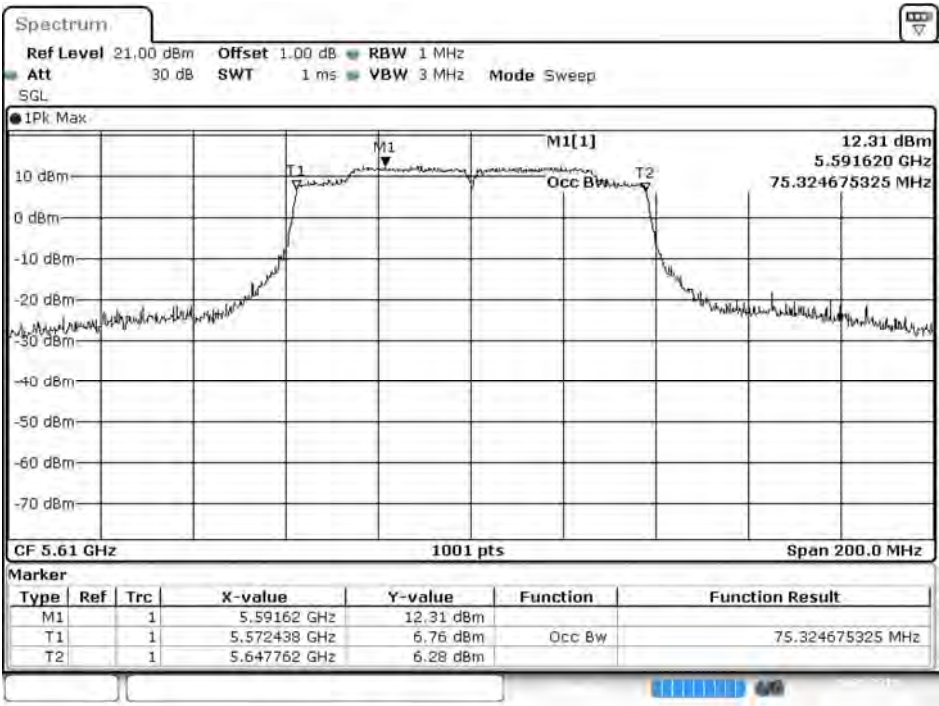
Date: 14.MAY.2019 16:42:41

Channel 106



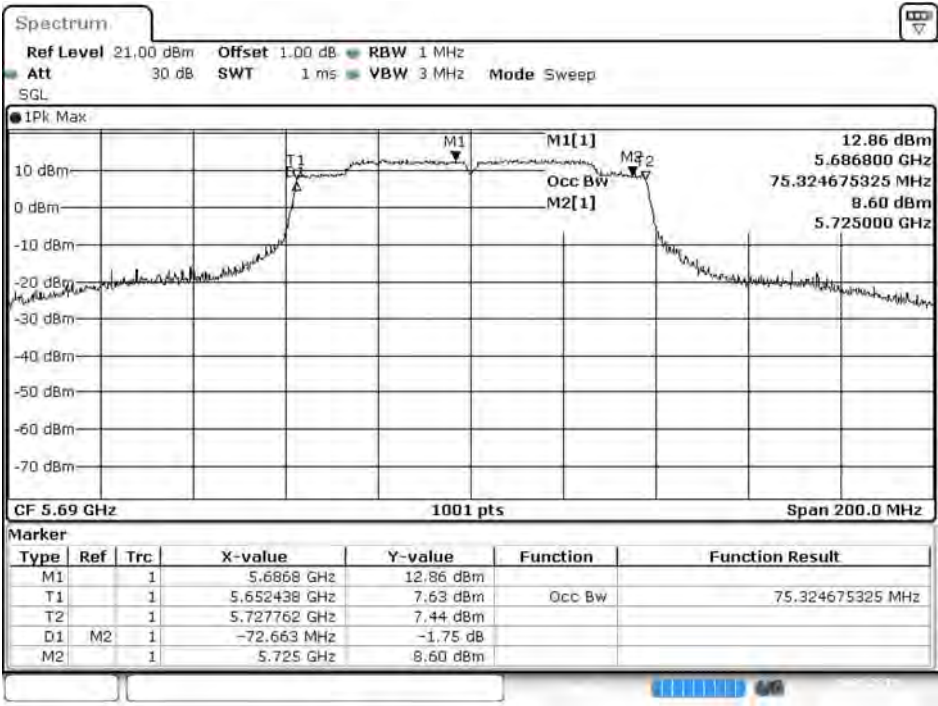
Date: 14.MAY.2019 16:47:29

Channel 122



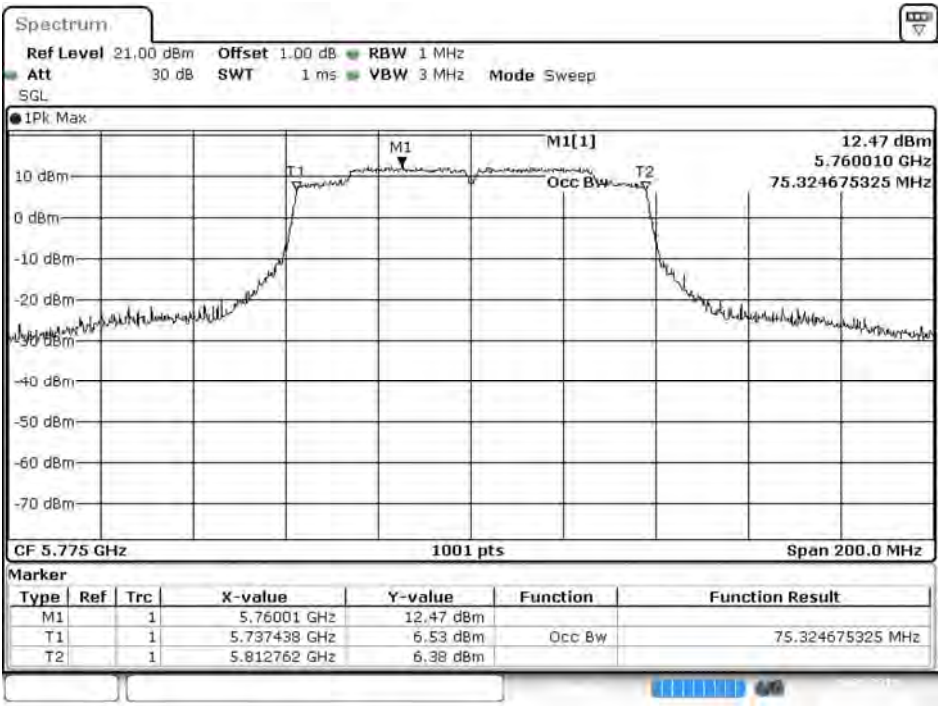
Date: 14.MAY.2019 16:53:17

Channel 138



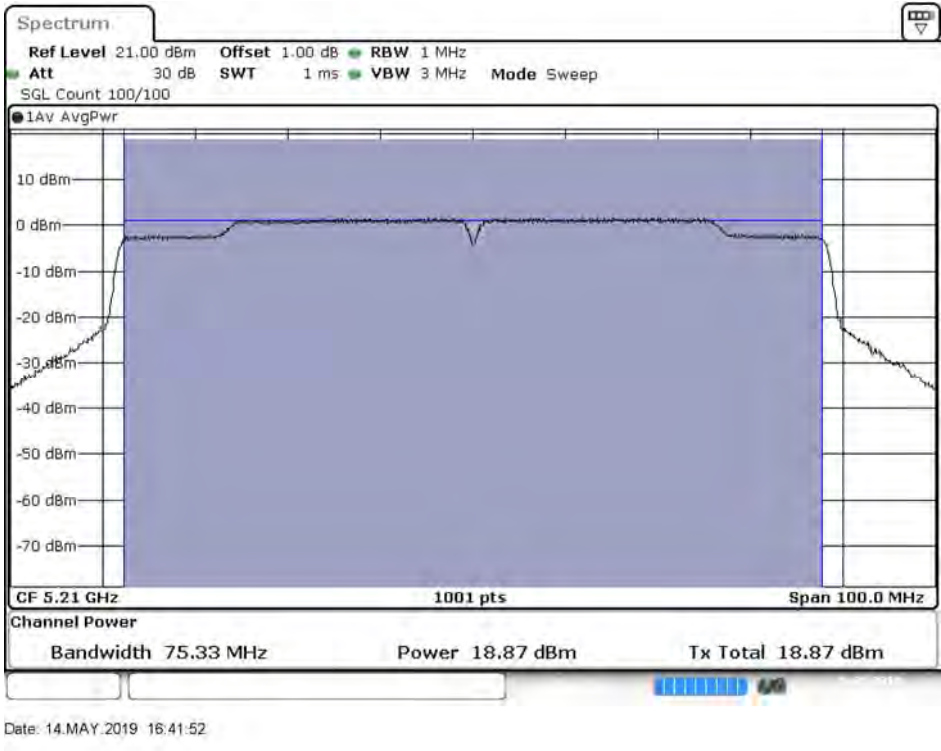
Date: 14.MAY.2019 16:54:22

Channel 155

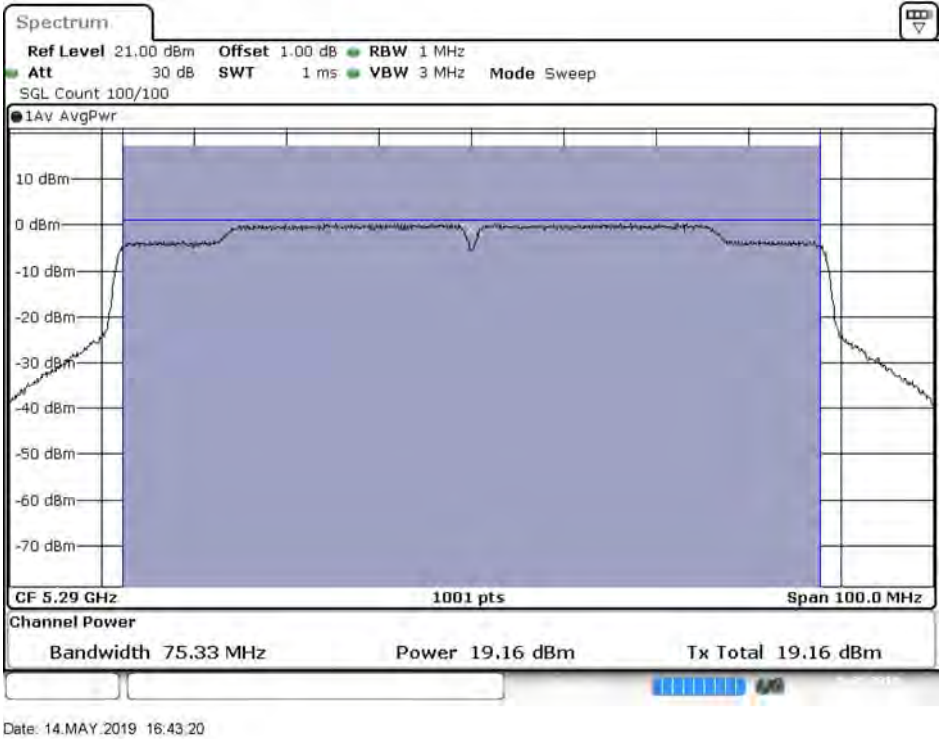


Date: 14.MAY.2019 16:55:46

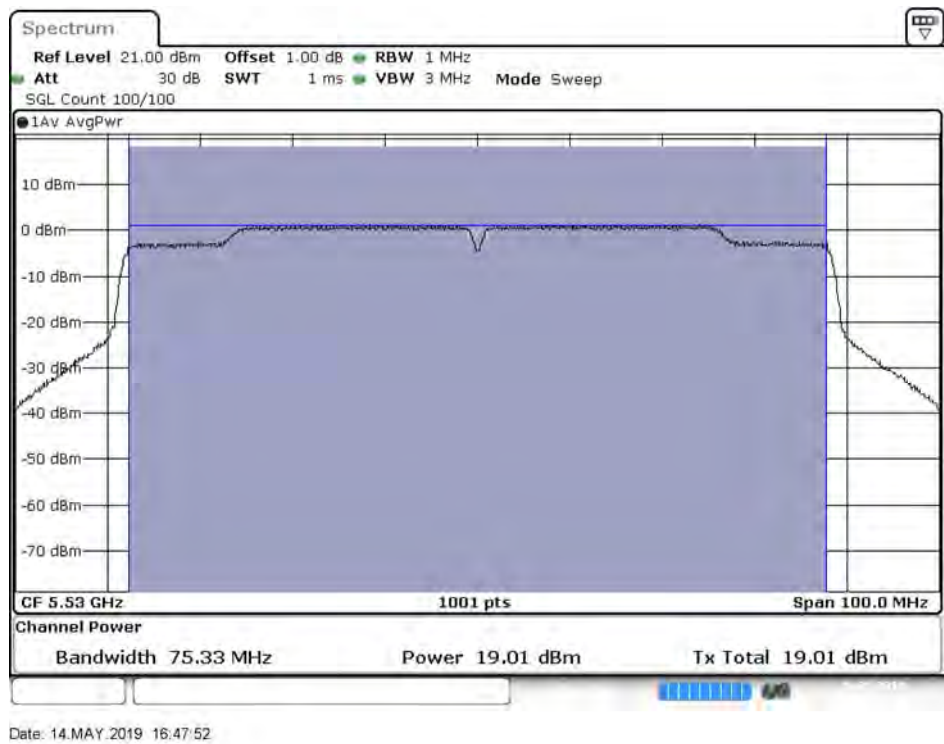
Maximum conducted output power:
Channel 42



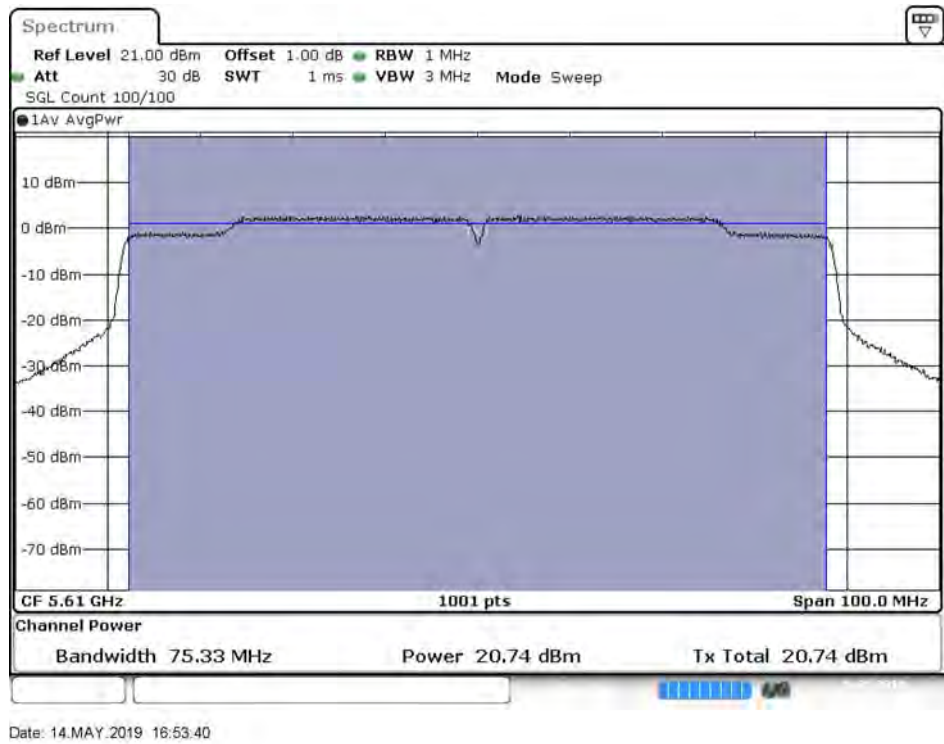
Maximum conducted output power:
Channel 58



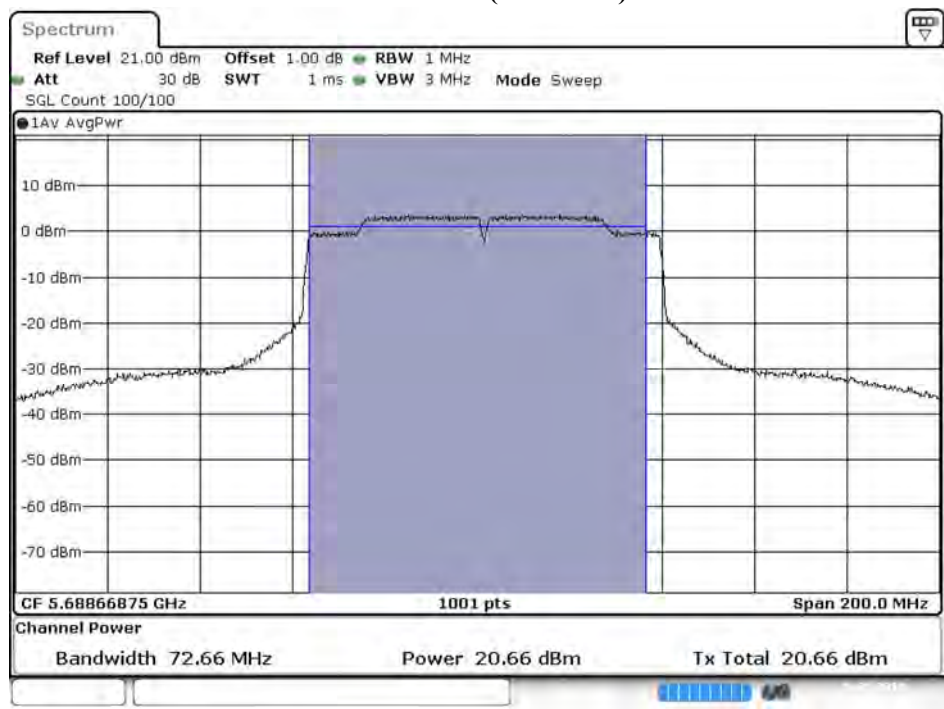
Maximum conducted output power:
Channel 106



Maximum conducted output power:
Channel 122

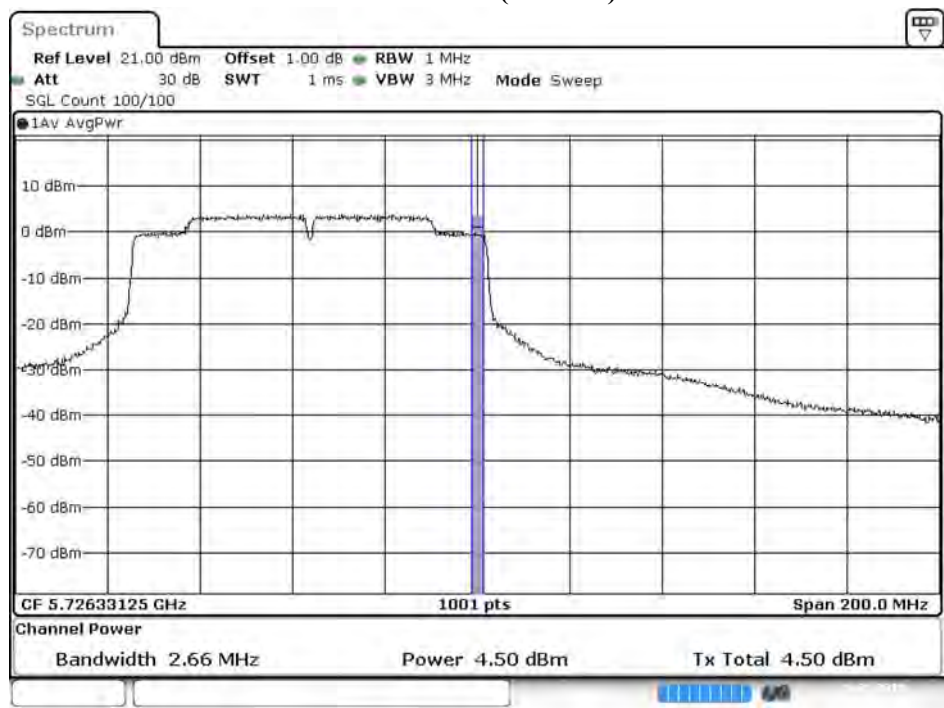


Maximum conducted output power:
Channel 138 (U-NII-2C)



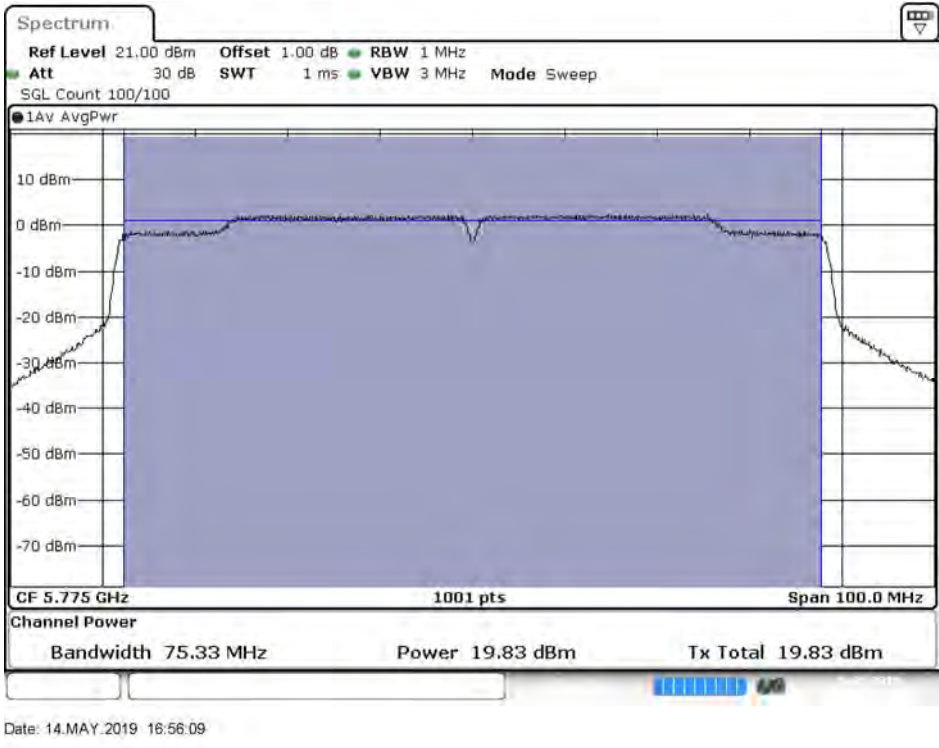
Date: 14.MAY.2019 16:54:45

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



Date: 14.MAY.2019 16:55:09

Maximum conducted output power:
Channel 155



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 5: 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：108 年 05 月 13 日

環境濕度：53 %

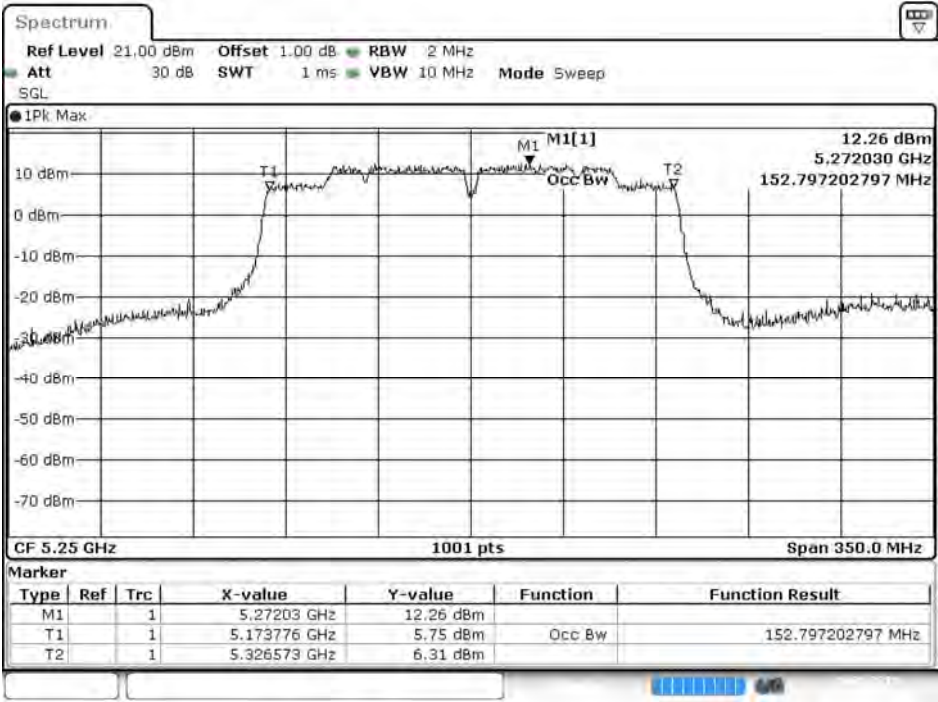
Cable loss=1.0dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		65	130	195	260	390	520	585	650	780	866.7
50 (U-NII-1)	5250	13.95	13.92	13.87	13.83	13.79	13.76	13.72	13.65	13.61	13.55
50 (U-NII-2A)	5250	14.02	13.97	13.93	13.89	13.86	13.82	13.77	13.74	13.70	13.63
114	5570	17.73	17.69	17.63	17.59	17.54	17.51	17.47	17.42	17.36	17.31

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

Maximum conducted output power Measurement:

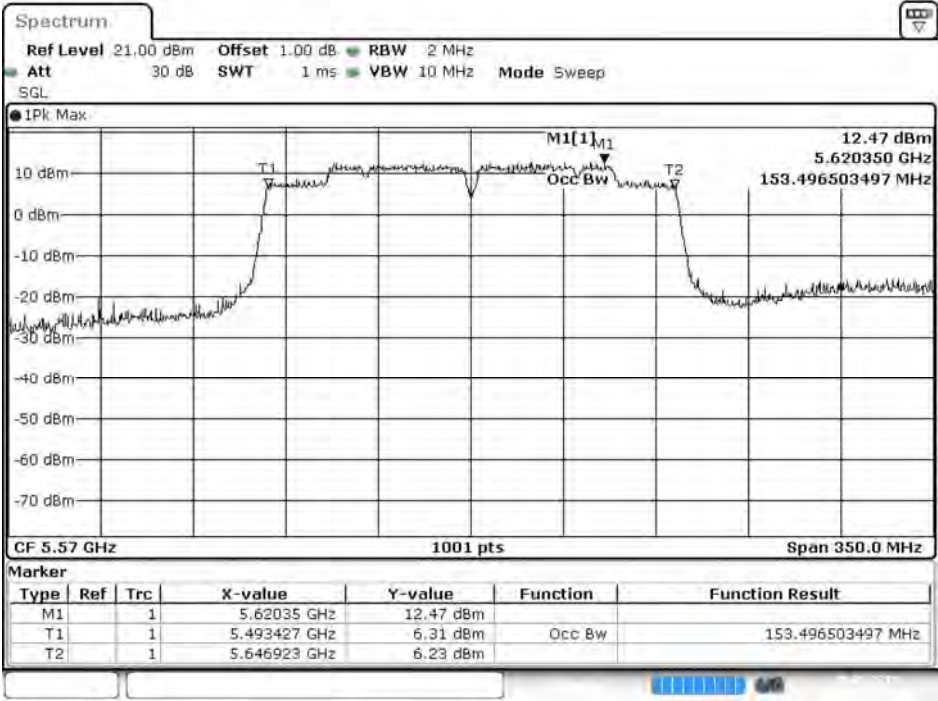
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
50 (U-NII-1)	5250	--	13.95	24	--
50 (U-NII-2A)	5250	76.399	14.02	24	29.83
114	5570	153.496	17.73	24	32.86

99% Occupied Bandwidth:
Channel 50



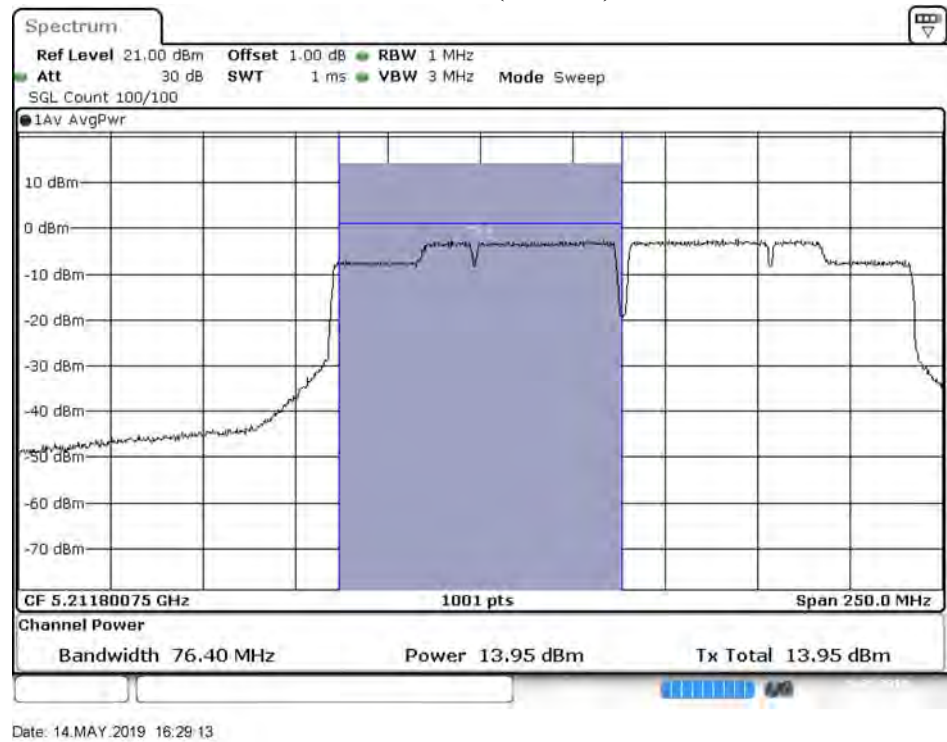
Date: 14.MAY.2019 16:28:35

Channel 114

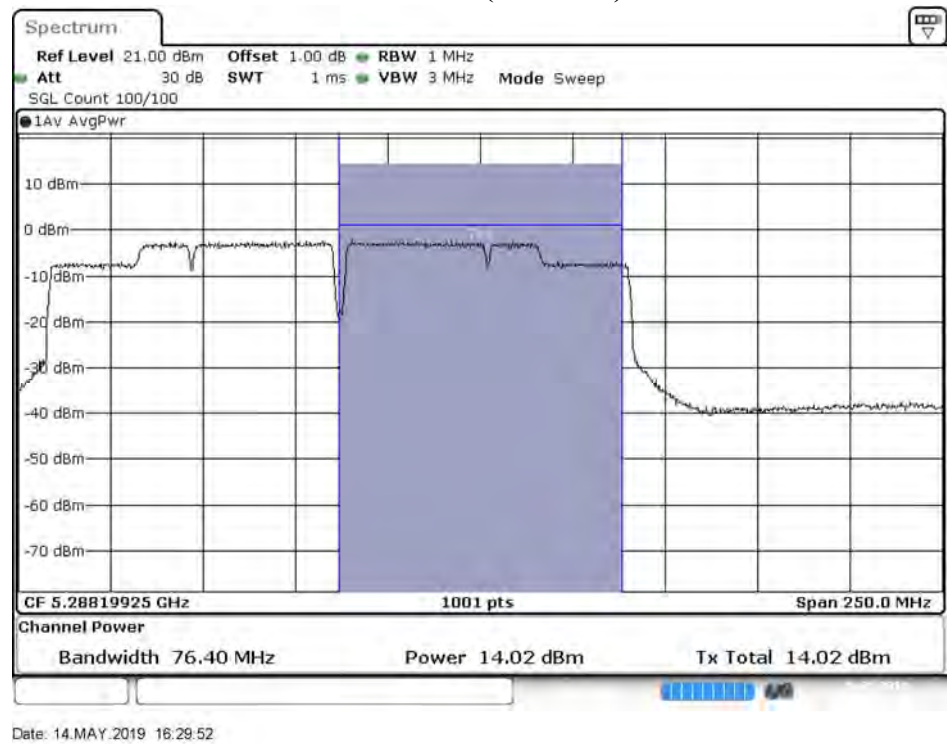


Date: 8 MAY 2019 10:52:22

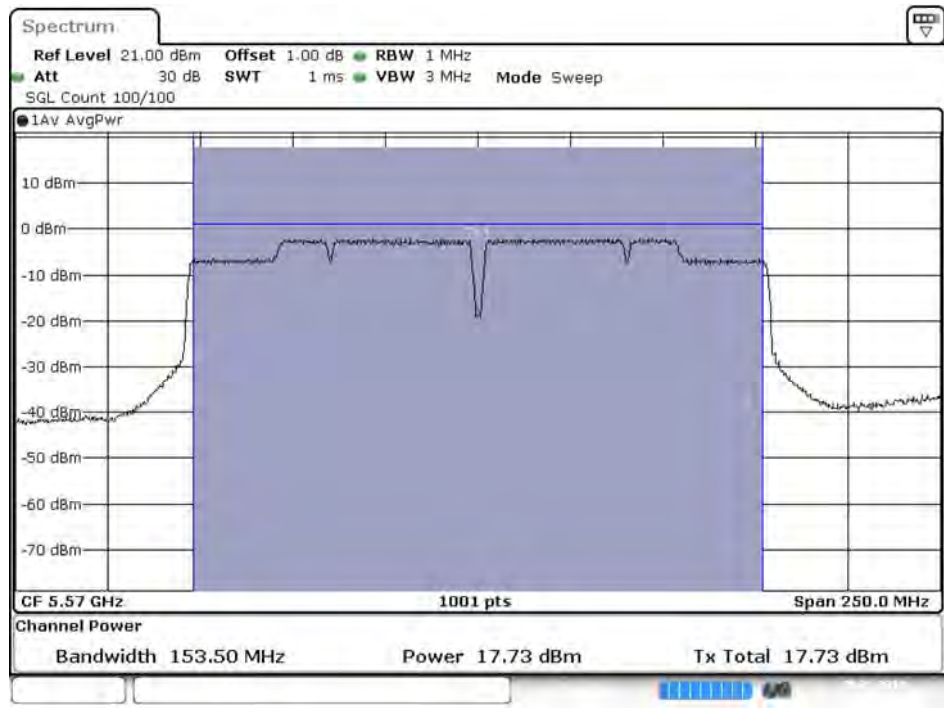
Maximum conducted output power:
Channel 50 (U-NII-1)



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



Maximum conducted output power:
Channel 114



Date: 8 MAY 2019 10:52:55

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 10: SISO B: 發射器 802.11a

檢測器：峰值

環境溫度：21 °C

測試日期：108 年 05 月 13 日

環境濕度：53 %

Cable loss=1.0dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		6	9	12	18	24	36	48	54
		Measurement Level (dBm)							
36	5180	19.38	--	--	--	--	--	--	--
44	5220	20.86	20.81	20.78	20.73	20.67	20.61	20.57	20.53
48	5240	20.88	--	--	--	--	--	--	--
52	5260	20.85	--	--	--	--	--	--	--
60	5300	20.85	20.81	20.74	20.71	20.67	20.63	20.60	20.56
64	5320	20.55	--	--	--	--	--	--	--
100	5500	19.45	--	--	--	--	--	--	--
116	5580	20.92	20.89	20.84	20.81	20.76	20.73	20.69	20.65
140	5700	18.63	--	--	--	--	--	--	--
149	5745	20.94	--	--	--	--	--	--	--
157	5785	20.84	20.79	20.76	20.69	20.65	20.61	20.57	20.51
165	5825	20.91	--	--	--	--	--	--	--

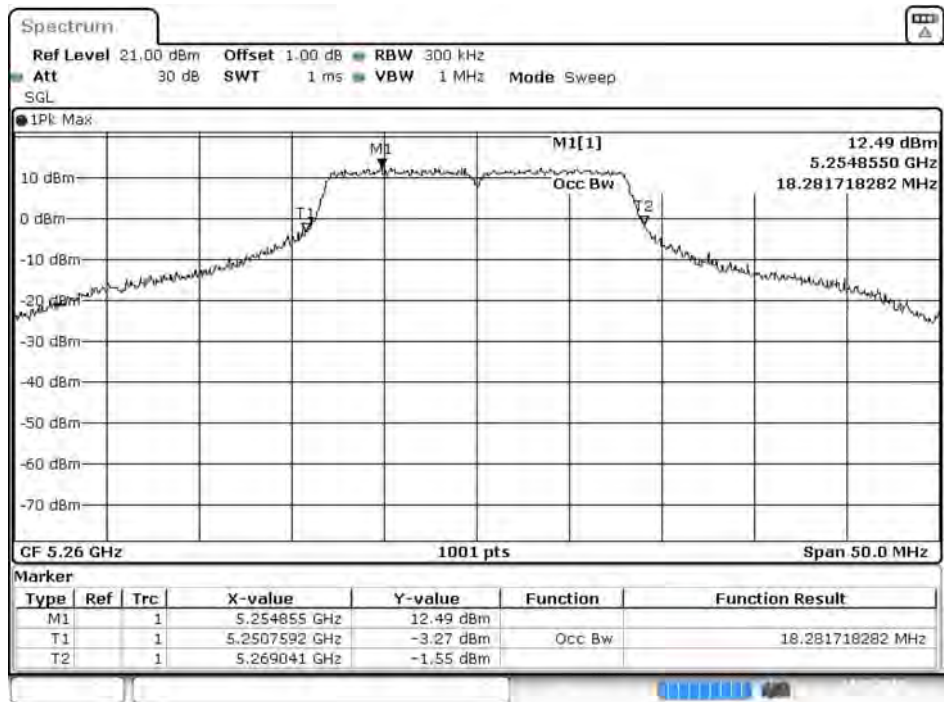
Note: Maximum conducted output power Value = Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

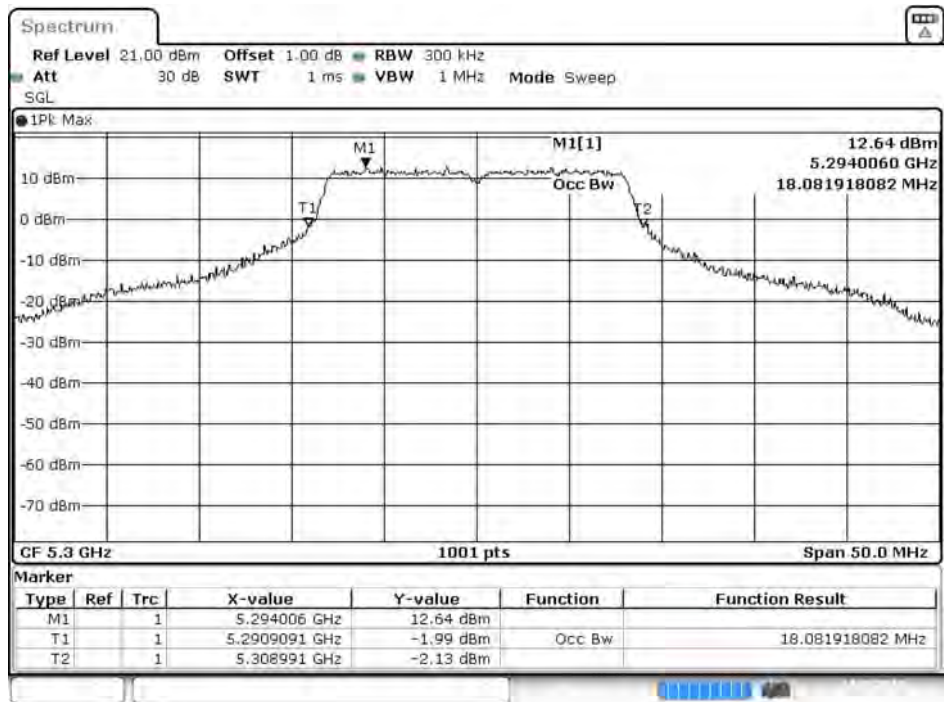
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	19.38	24	--
44	5220	--	20.86	24	--
48	5240	--	20.88	24	--
52	5260	18.281	20.85	24	23.62
60	5300	18.081	20.85	24	23.57
64	5320	17.882	20.55	24	23.52
100	5500	17.332	19.45	24	23.39
116	5580	18.731	20.92	24	23.73
140	5700	17.232	18.63	24	23.36
149	5745	--	20.94	30	--
157	5785	--	20.84	30	--
165	5825	--	20.91	30	--

99% Occupied Bandwidth:

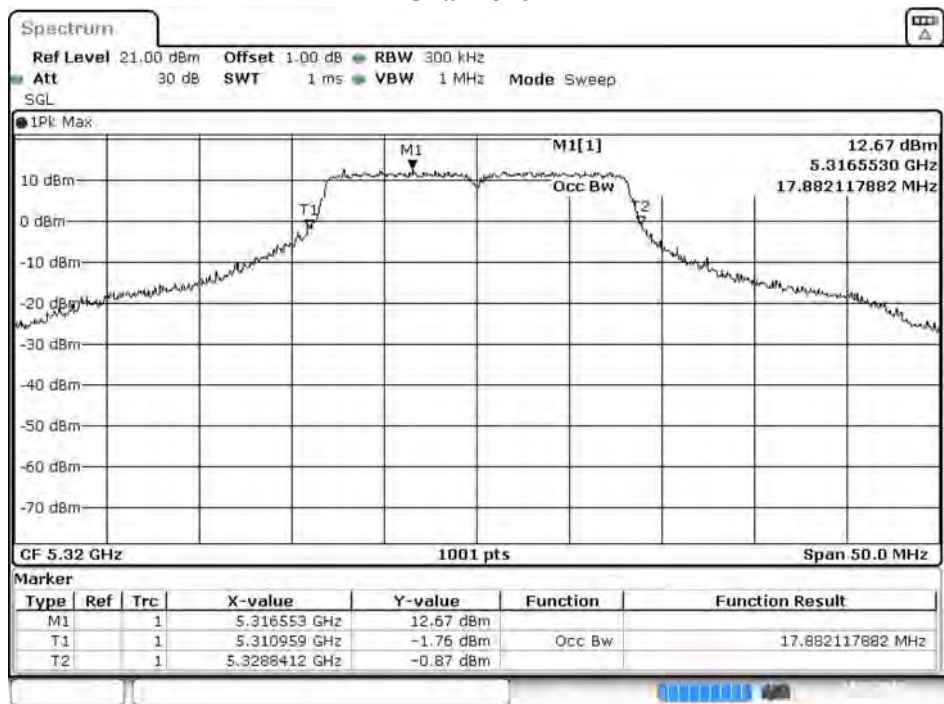
Channel 52



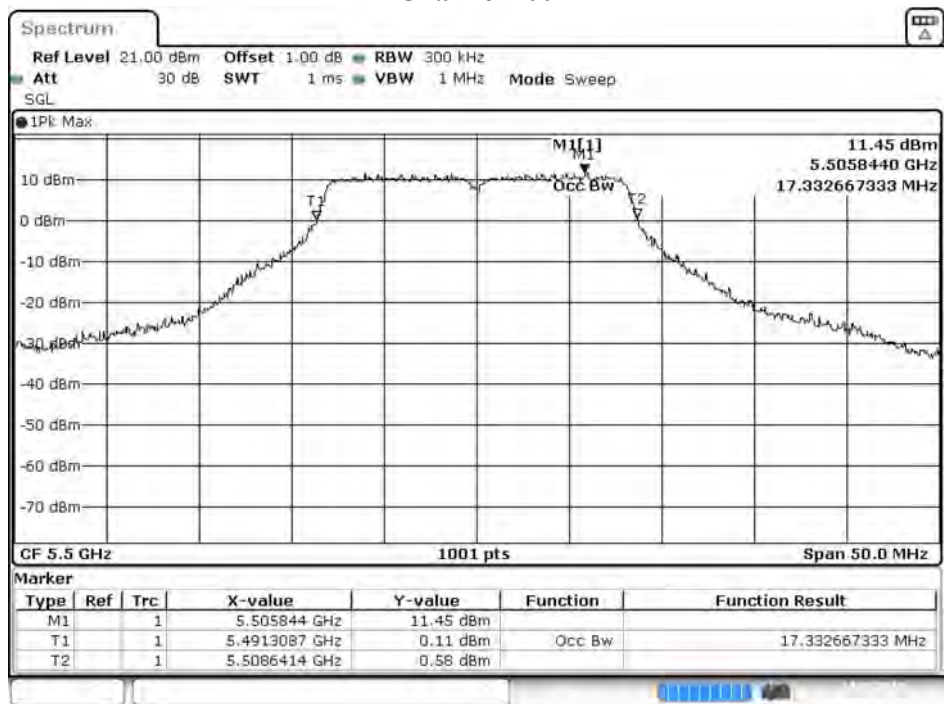
Channel 60



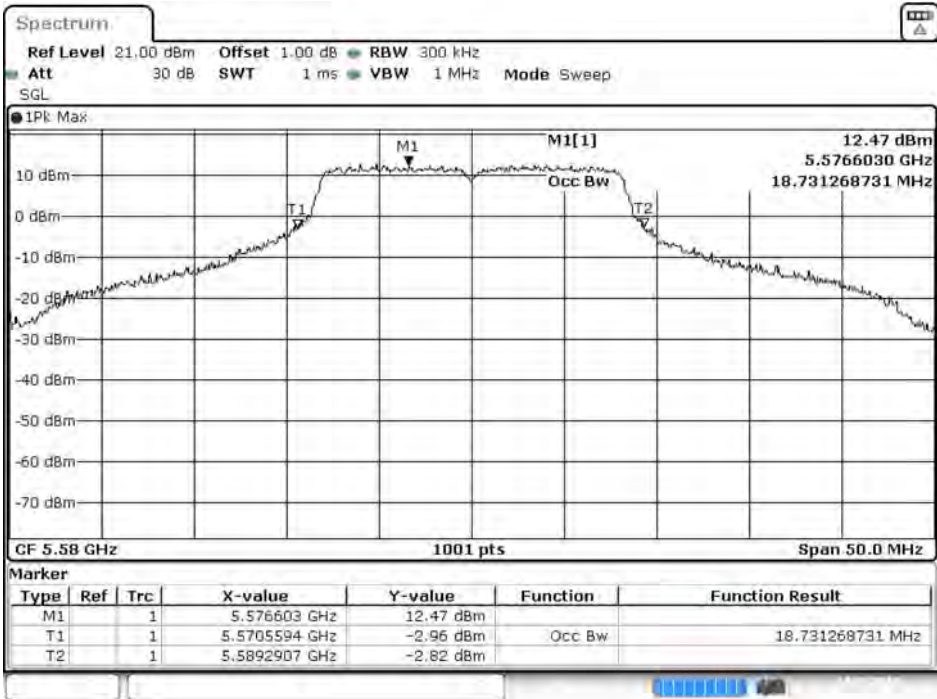
Channel 64



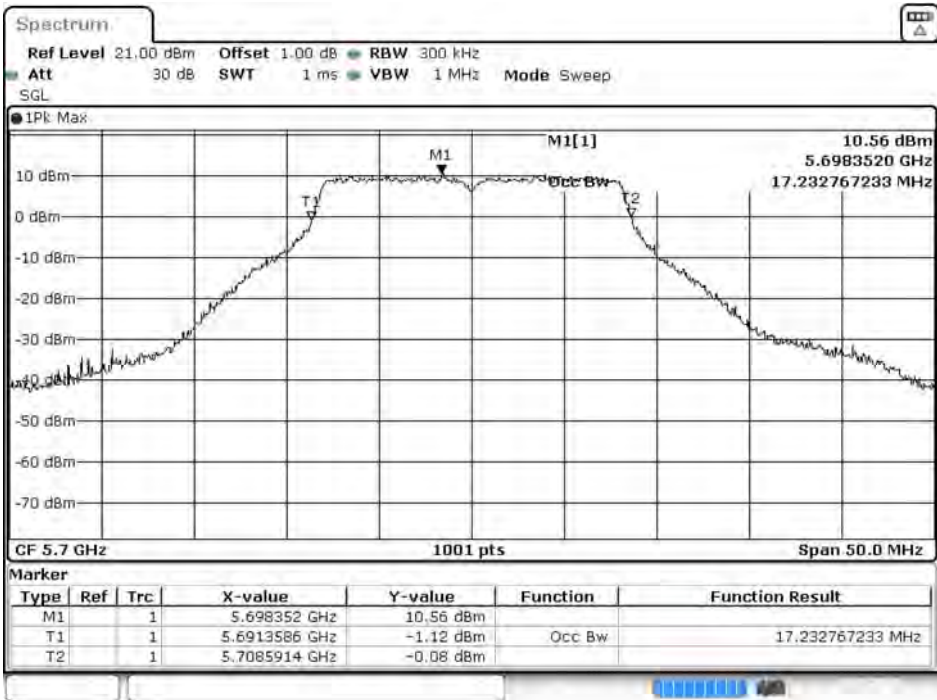
Channel 100



Channel 116



Channel 140



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 11: SISO B: 發射器 802.11n-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：108年05月13日

環境濕度：53 %

Cable loss=1.0dB		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	19.71	--	--	--	--	--	--	--
44	5220	20.92	20.88	20.85	20.81	20.76	20.71	20.67	20.62
48	5240	20.89	--	--	--	--	--	--	--
52	5260	20.90	--	--	--	--	--	--	--
60	5300	20.91	20.87	20.84	20.79	20.72	20.67	20.62	20.57
64	5320	20.44	--	--	--	--	--	--	--
100	5500	19.51	--	--	--	--	--	--	--
116	5580	20.94	20.88	20.85	20.82	20.78	20.74	20.69	20.66
140	5700	18.16	--	--	--	--	--	--	--
144(U-NII-2C)	5720	19.37	19.31	19.26	19.17	19.13	19.10	19.06	19.01
144(U-NII-3)	5720	14.25	14.17	14.14	14.07	14.02	13.99	13.95	13.92
149	5745	20.89	--	--	--	--	--	--	--
157	5785	20.91	20.88	20.85	20.81	20.74	20.69	20.64	20.61
165	5825	20.89	--	--	--	--	--	--	--

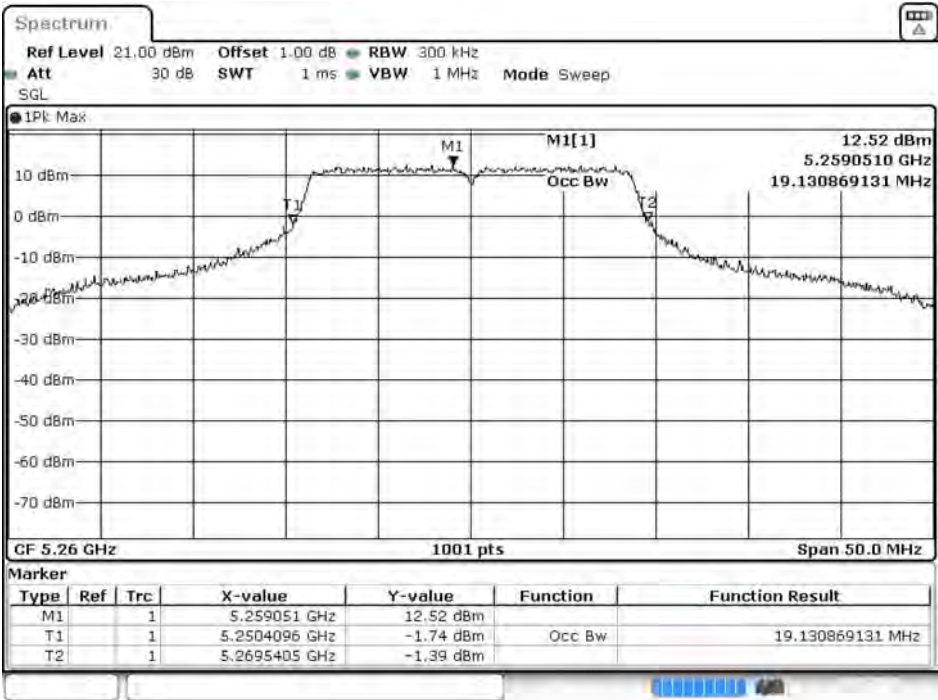
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

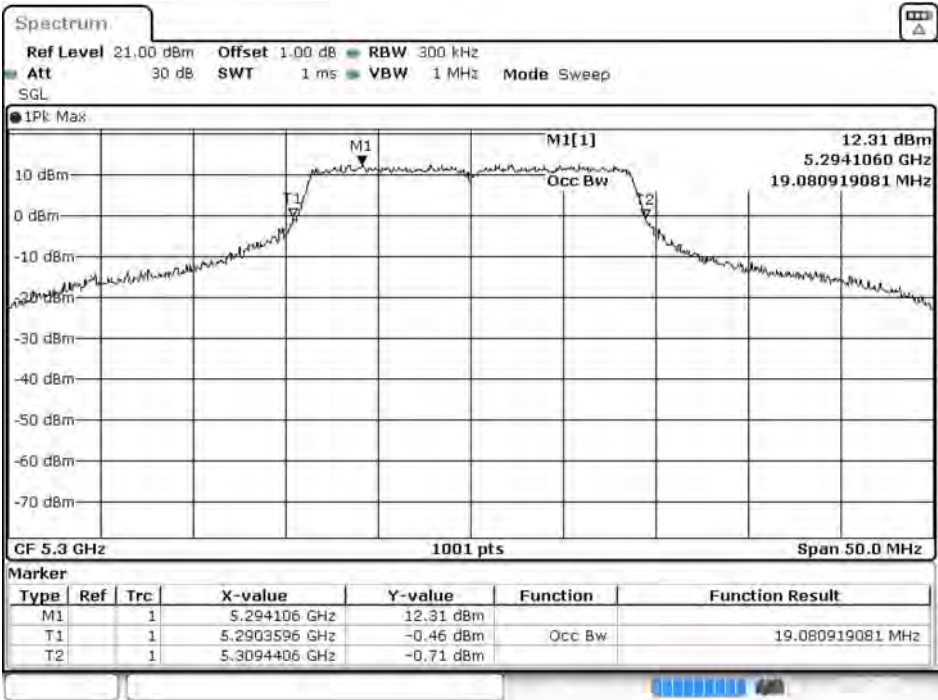
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	19.71	24	--
44	5220	--	20.92	24	--
48	5240	--	20.89	24	--
52	5260	19.130	20.90	24	23.82
60	5300	19.080	20.91	24	23.81
64	5320	18.531	20.44	24	23.68
100	5500	18.331	19.51	24	23.63
116	5580	19.130	20.94	24	23.82
140	5700	18.181	18.16	24	23.60
144(U-NII-2C)	5720	14.241	19.37	24	22.54
144(U-NII-3)	5720	--	14.25	30	--
149	5745	--	20.89	30	--
157	5785	--	20.91	30	--
165	5825	--	20.89	30	--

99% Occupied Bandwidth:

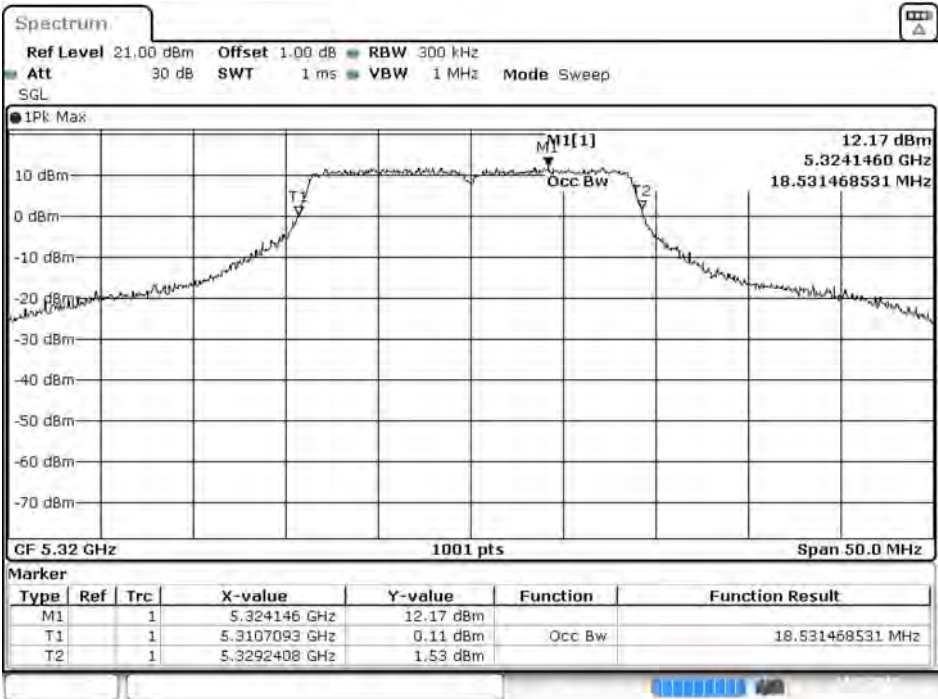
Channel 52



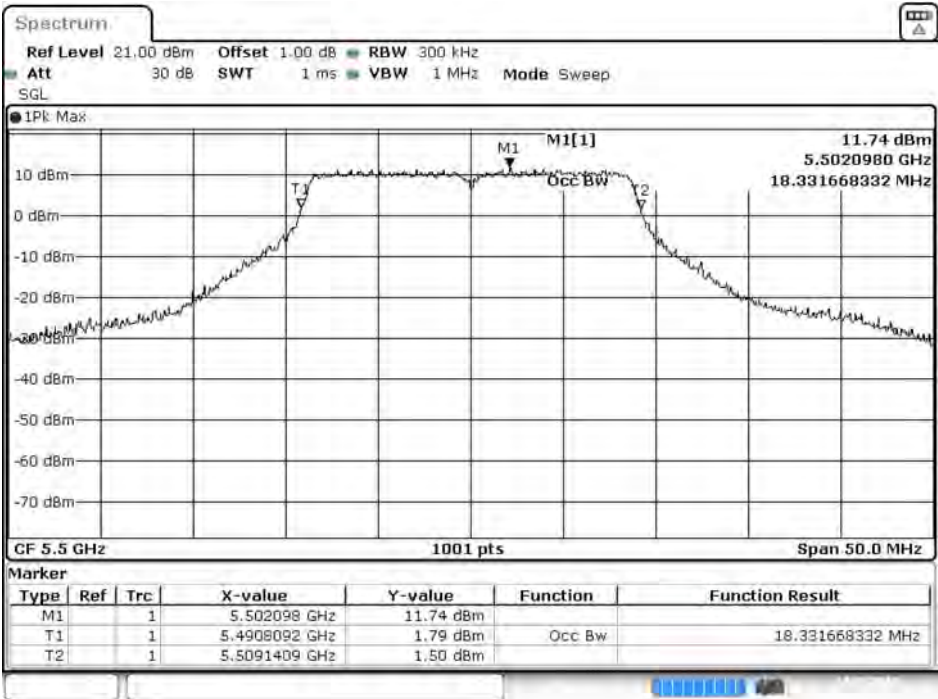
Channel 60



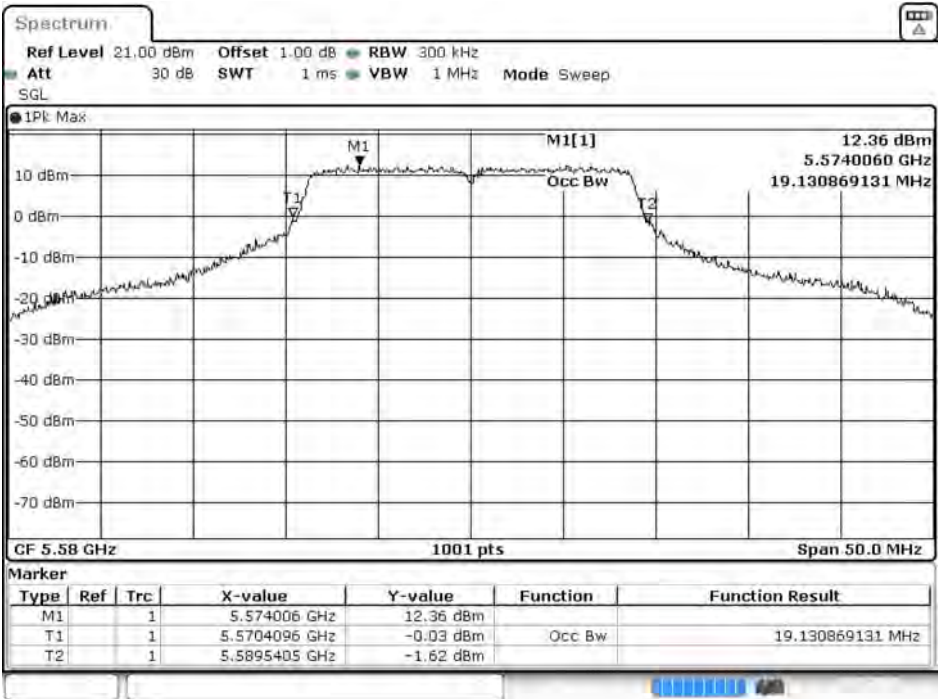
Channel 64



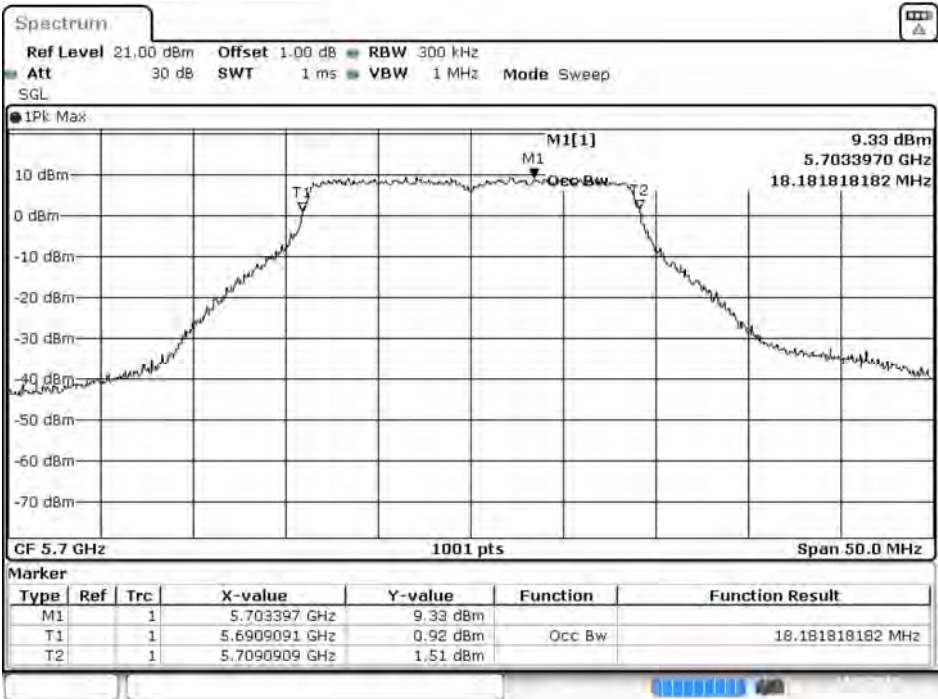
Channel 100



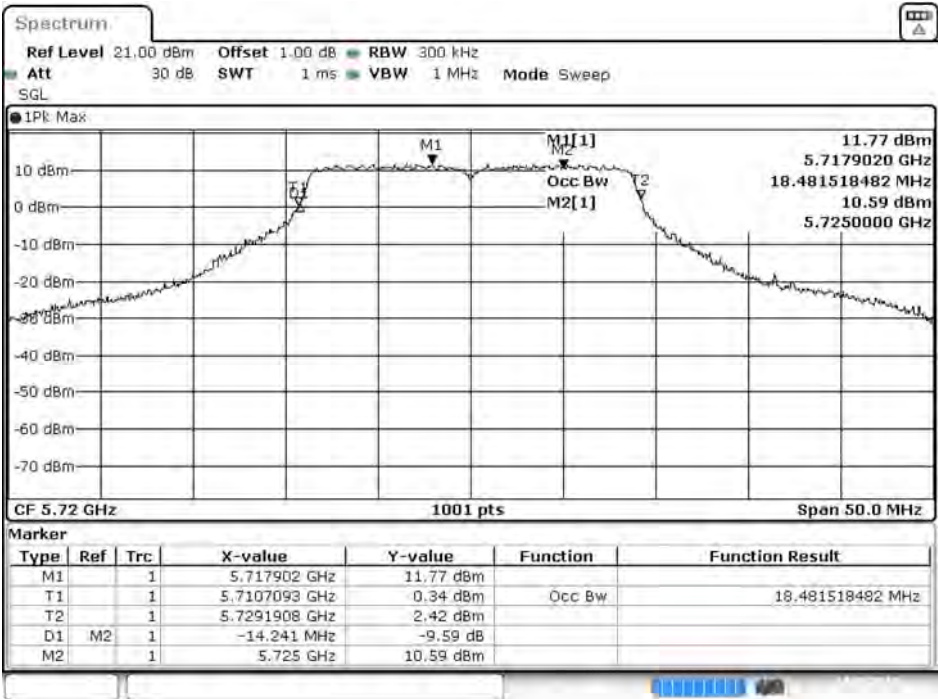
Channel 116



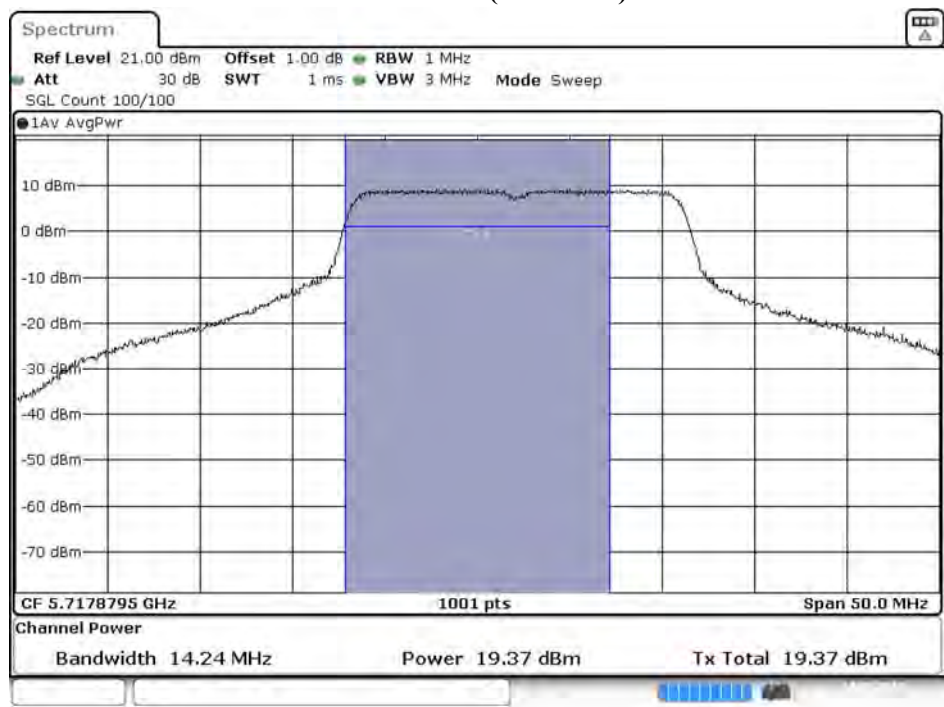
Channel 140



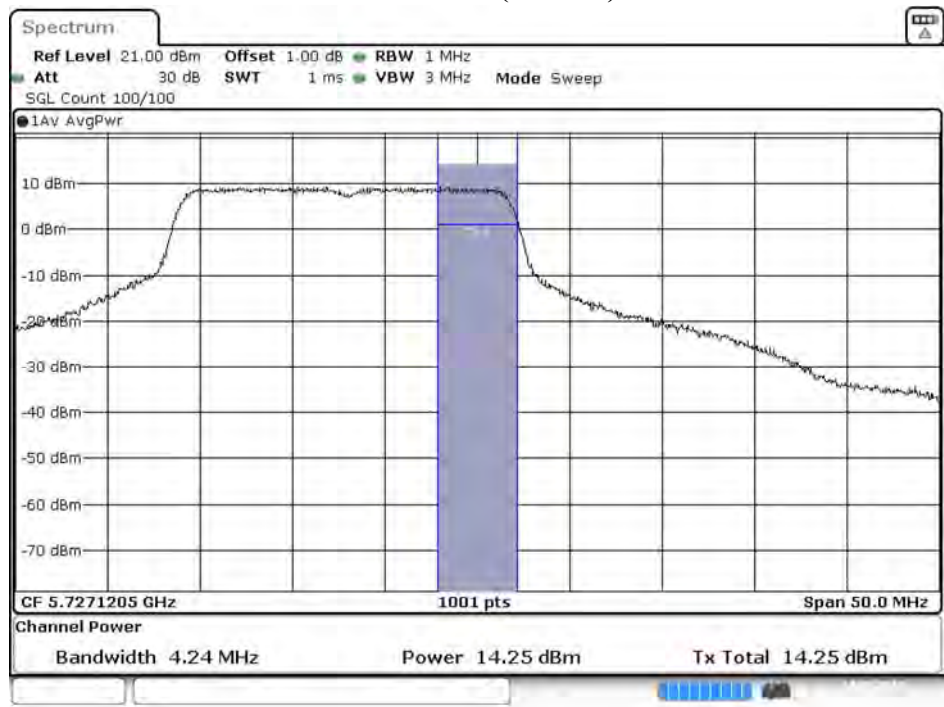
Channel 144



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 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 12: SISO B: 發射器 802.11n-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：108 年 05 月 13 日

環境濕度：53 %

Cable loss=1.0dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		15	30	45	60	90	120	135	150
		Measurement Level (dBm)							
38	5190	20.22	--	--	--	--	--	--	--
46	5230	20.91	20.88	20.83	20.79	20.74	20.68	20.61	20.59
54	5270	20.89	--	--	--	--	--	--	--
62	5310	18.64	18.61	18.57	18.52	18.49	18.43	18.37	18.31
102	5510	19.12	--	--	--	--	--	--	--
110	5550	20.87	20.82	20.79	20.74	20.69	20.66	20.61	20.57
134	5670	18.88	--	--	--	--	--	--	--
142(U-NII-2C)	5710	20.30	20.26	20.21	20.16	20.13	20.08	20.03	19.96
142(U-NII-3)	5710	10.45	10.41	10.37	10.34	10.31	10.27	10.23	10.19
151	5755	20.92	--	--	--	--	--	--	--
159	5795	20.85	20.81	20.78	20.75	20.71	20.67	20.62	20.58

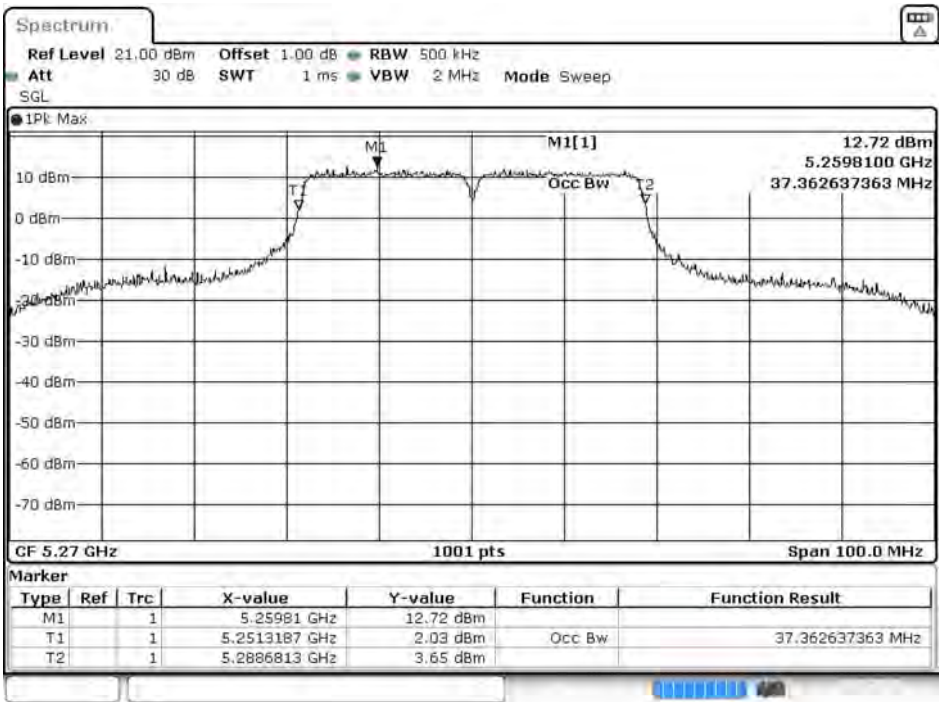
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

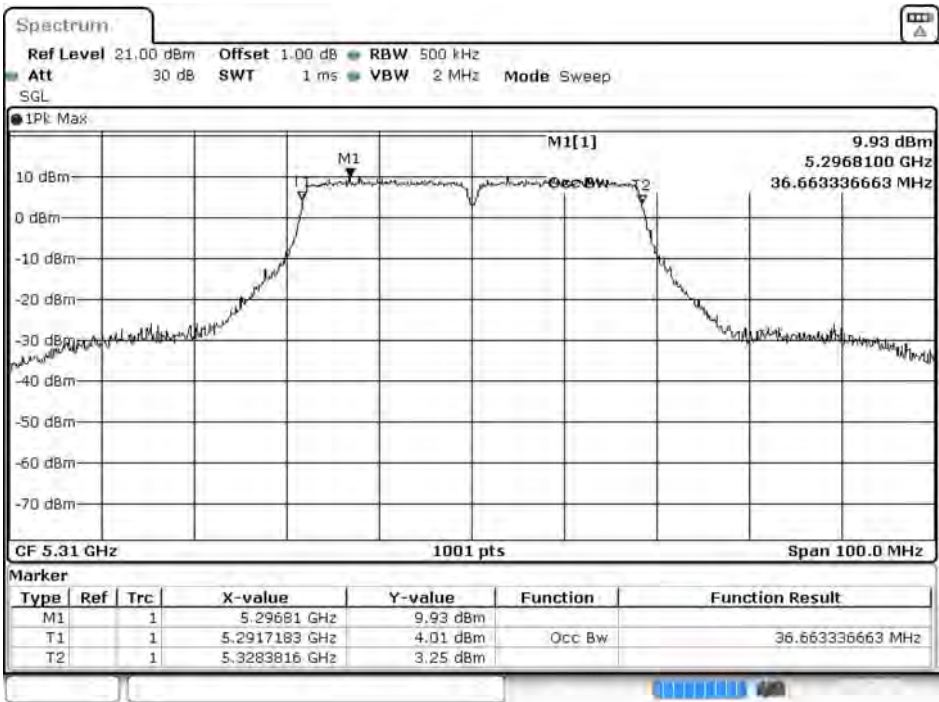
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	20.22	24	--
46	5230	--	20.91	24	--
54	5270	37.362	20.89	24	26.72
62	5310	36.663	18.64	24	26.64
102	5510	36.663	19.12	24	26.64
110	5550	37.462	20.87	24	26.74
134	5670	36.663	18.88	24	26.64
142(U-NII-2C)	5710	33.681	20.30	24	26.27
142(U-NII-3)	5710	--	10.45	30	--
151	5755	--	20.92	30	--
159	5795	--	20.85	30	--

99% Occupied Bandwidth:

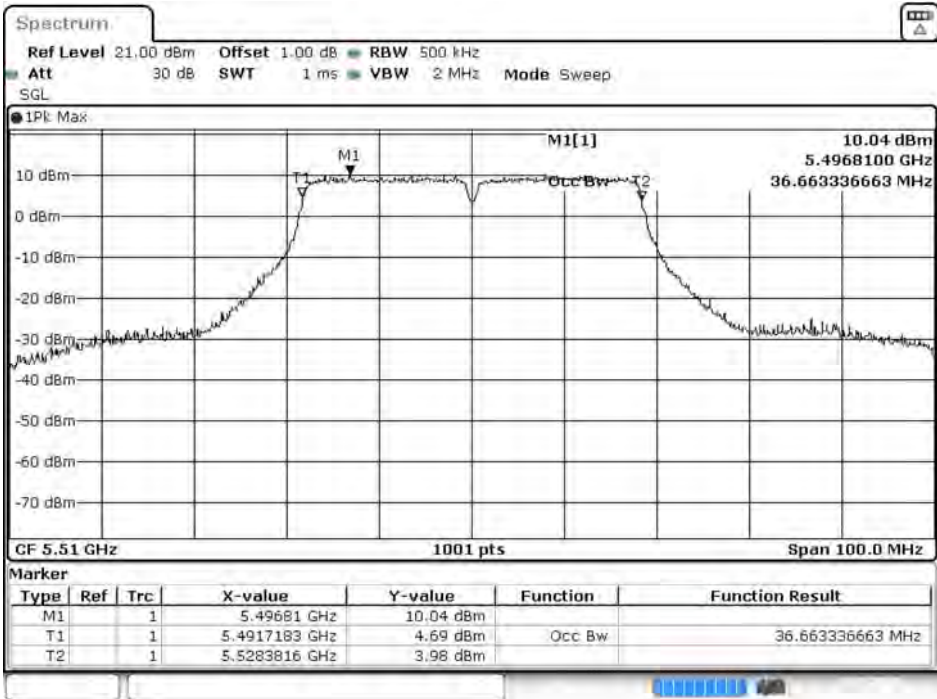
Channel 54



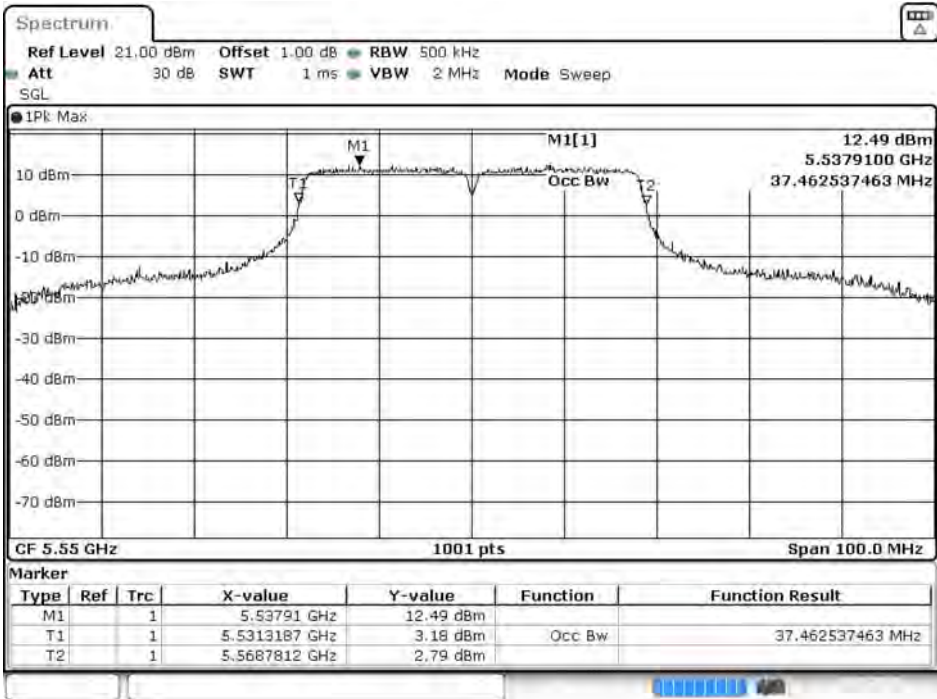
Channel 62



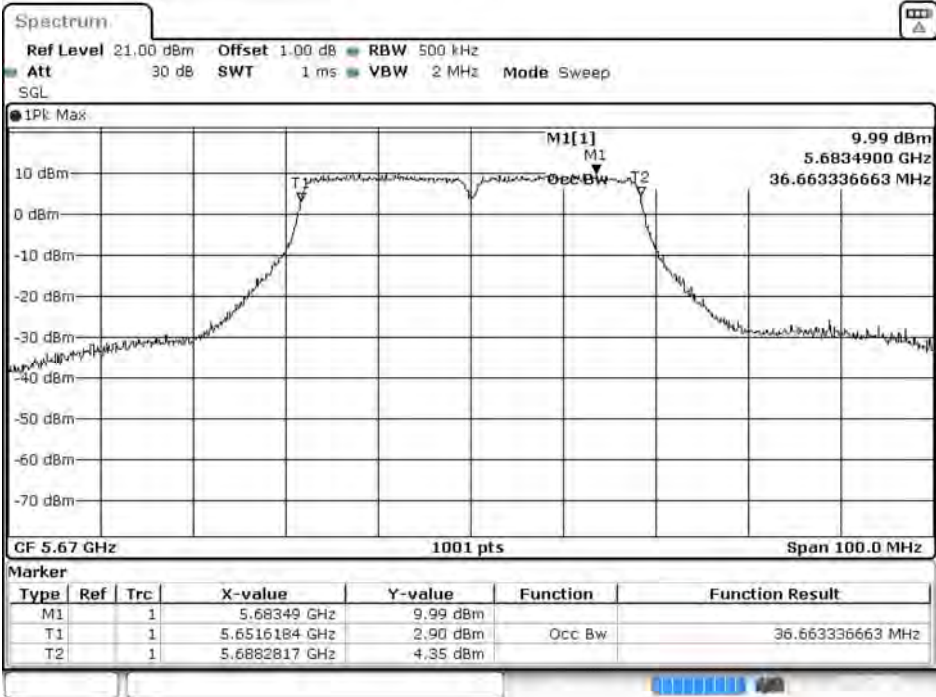
Channel 102



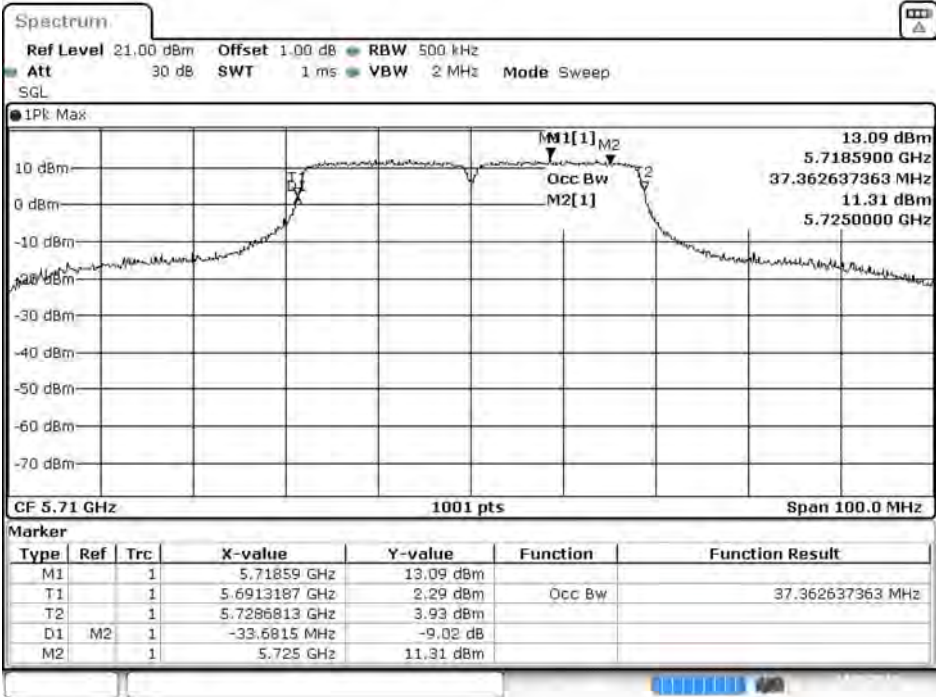
Channel 110



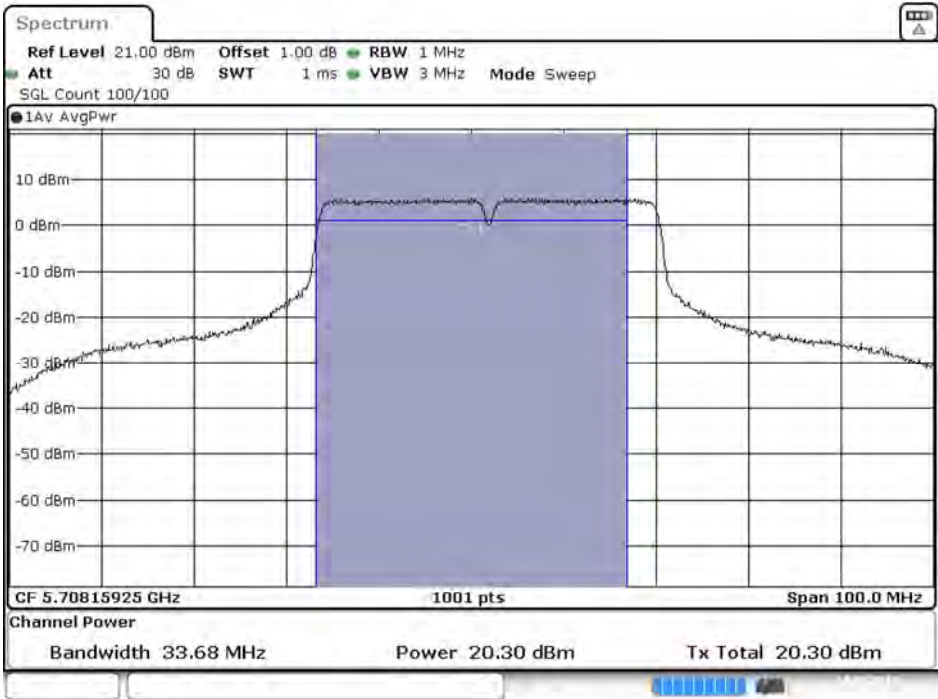
Channel 134



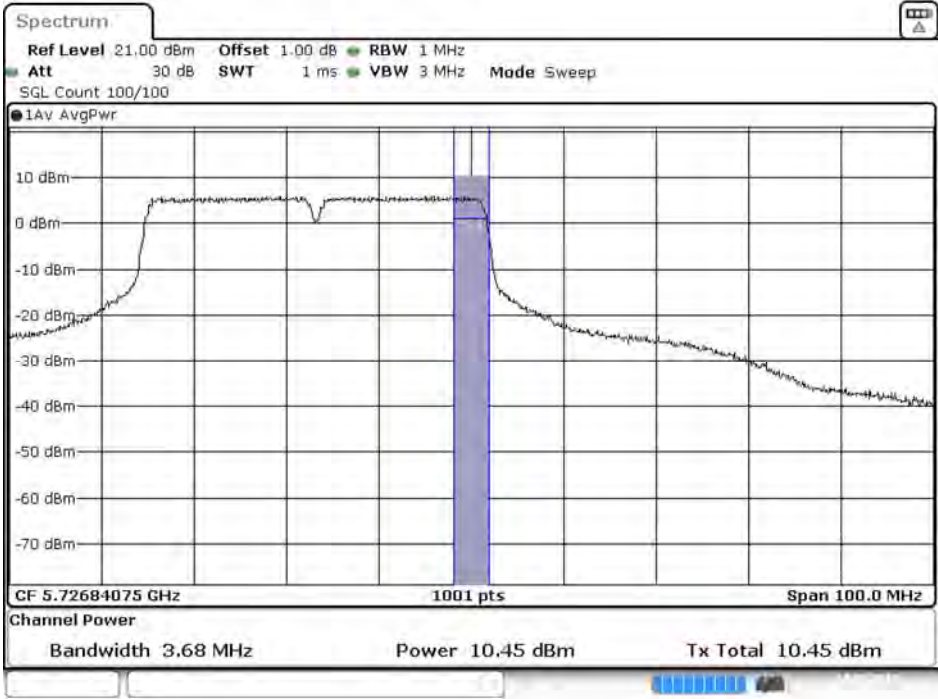
Channel 142



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 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 13: 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：108 年 05 月 13 日

環境濕度：53 %

Cable loss=1.0dB		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	18.86	18.83	18.79	18.73	18.69	18.65	18.62	18.57	18.52	18.46
58	5290	18.18	18.15	18.12	18.06	18.02	17.96	17.91	17.88	17.85	17.81
106	5530	18.25	--	--	--	--	--	--	--	--	--
122	5610	20.67	20.62	20.58	20.53	20.47	20.44	20.38	20.35	20.31	20.27
138 (U-NII-2C)	5690	20.46	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	3.85	--	--	--	--	--	--	--	--	--
155	5775	19.21	19.17	19.12	19.06	19.01	18.94	18.91	18.88	18.82	18.76

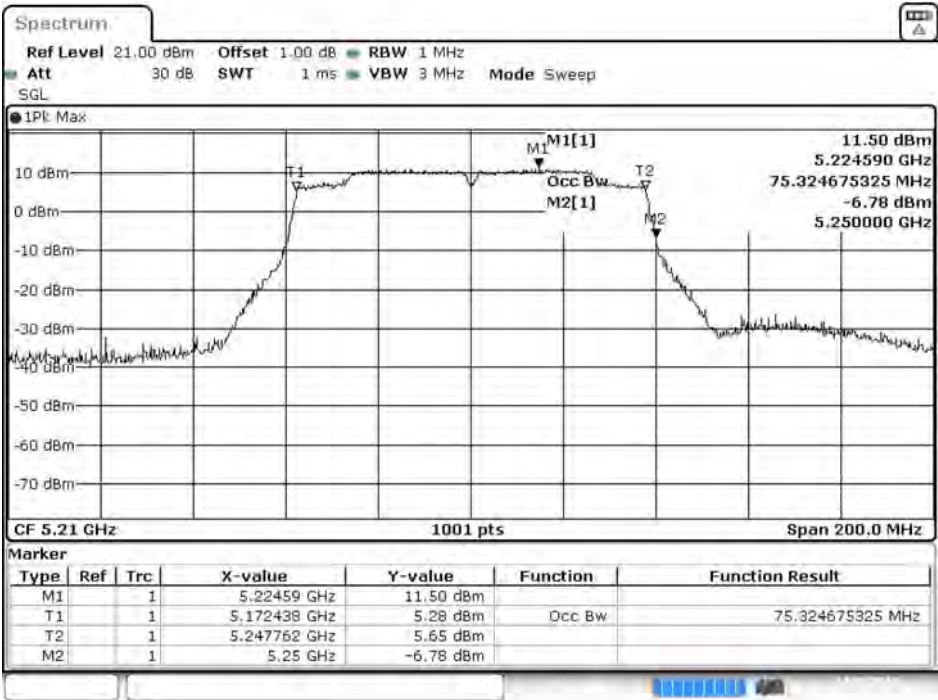
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

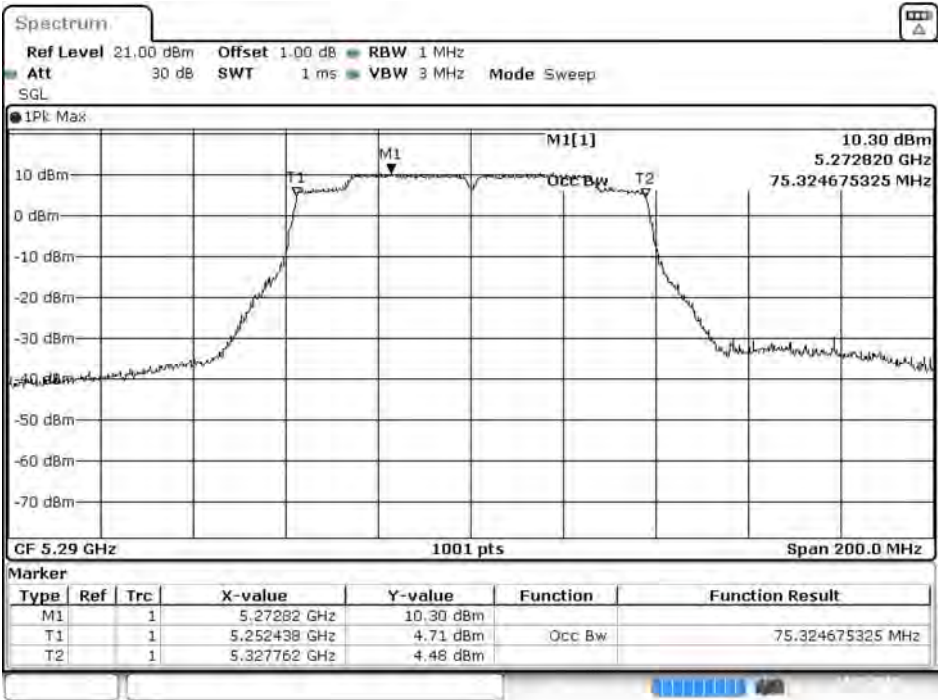
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
42	5210	--	18.86	24	--
58	5290	75.324	18.18	24	29.77
106	5530	75.324	18.25	24	29.77
122	5610	75.324	20.67	24	29.77
138 (U-NII-2C)	5690	72.862	20.46	24	29.63
138 (U-NII-3)	5690	--	3.85	30	--
155	5775	--	19.21	30	--

99% Occupied Bandwidth:

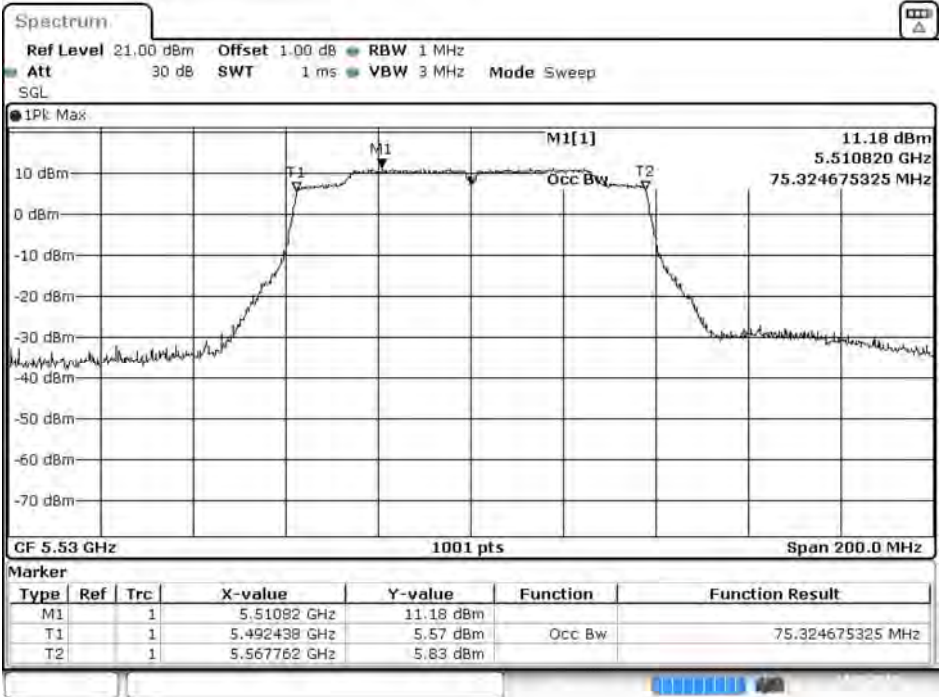
Channel 42



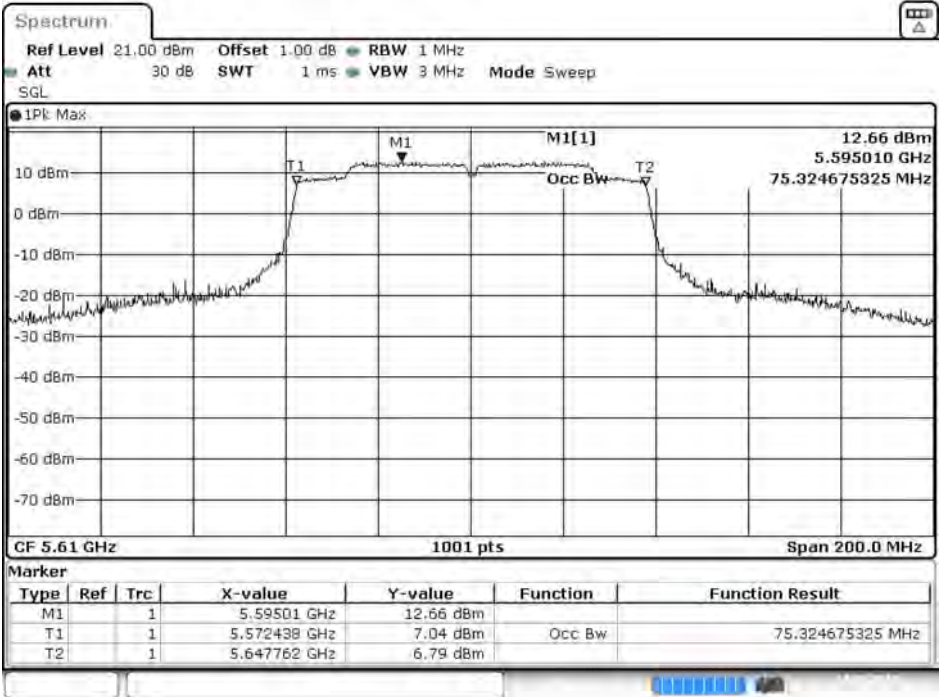
Channel 58



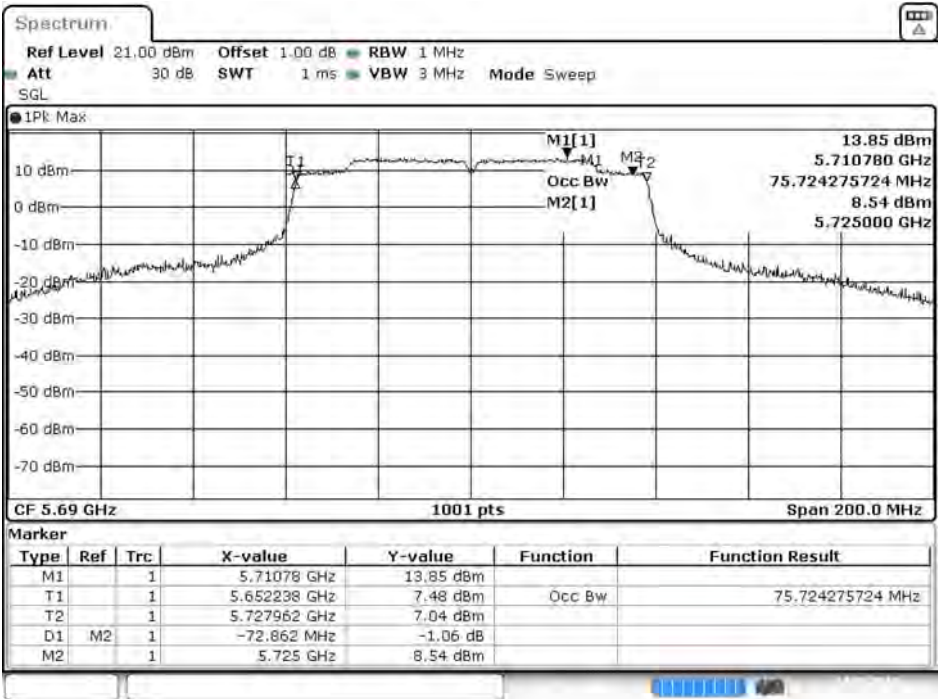
Channel 106



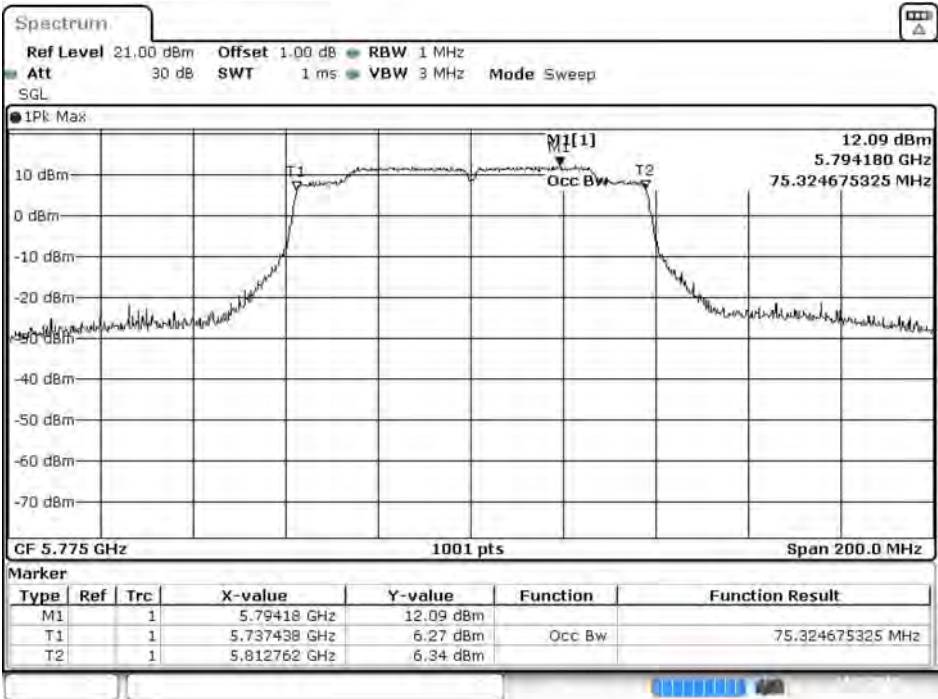
Channel 122



Channel 138

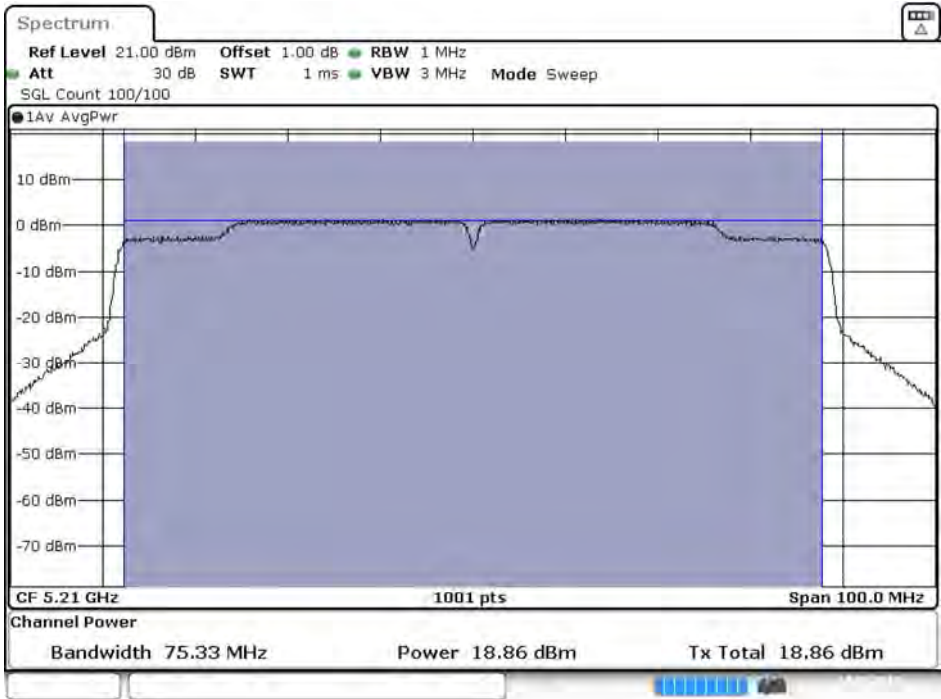


Channel 155



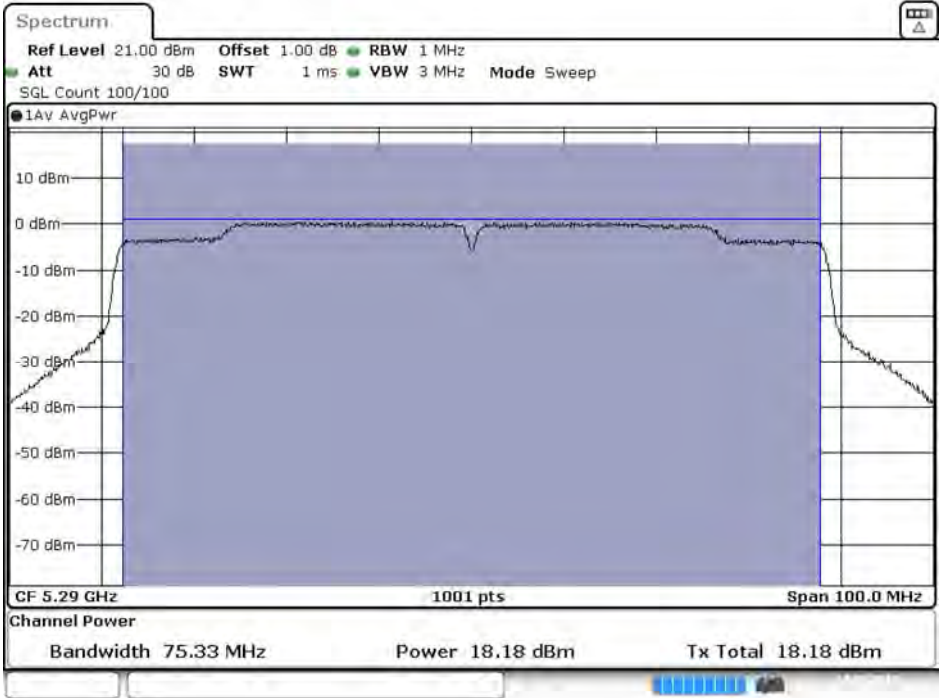
Maximum conducted output power:

Channel 42

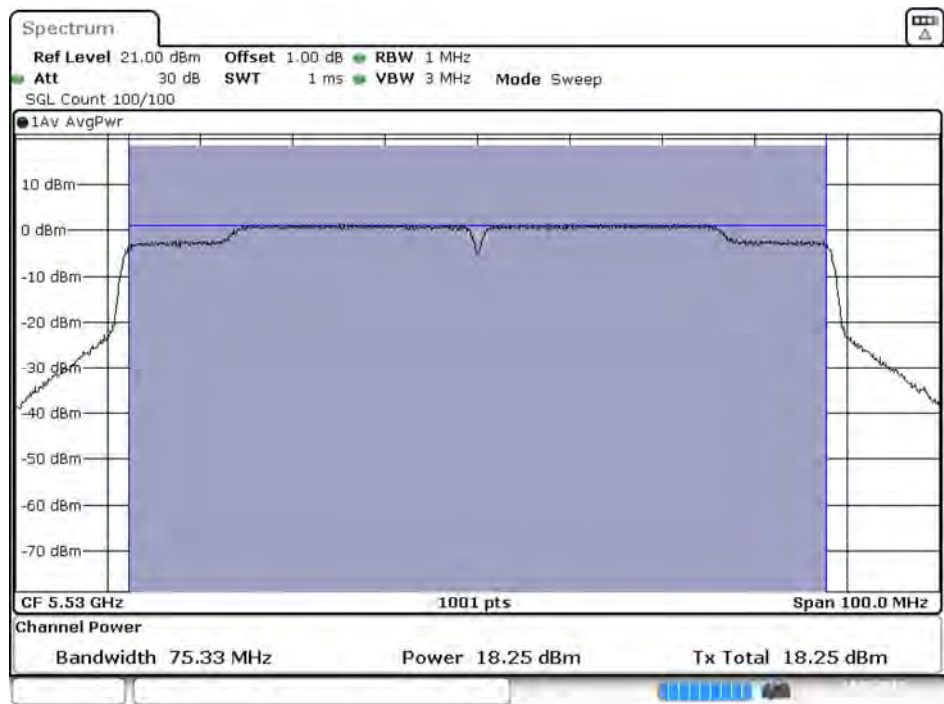


Maximum conducted output power:

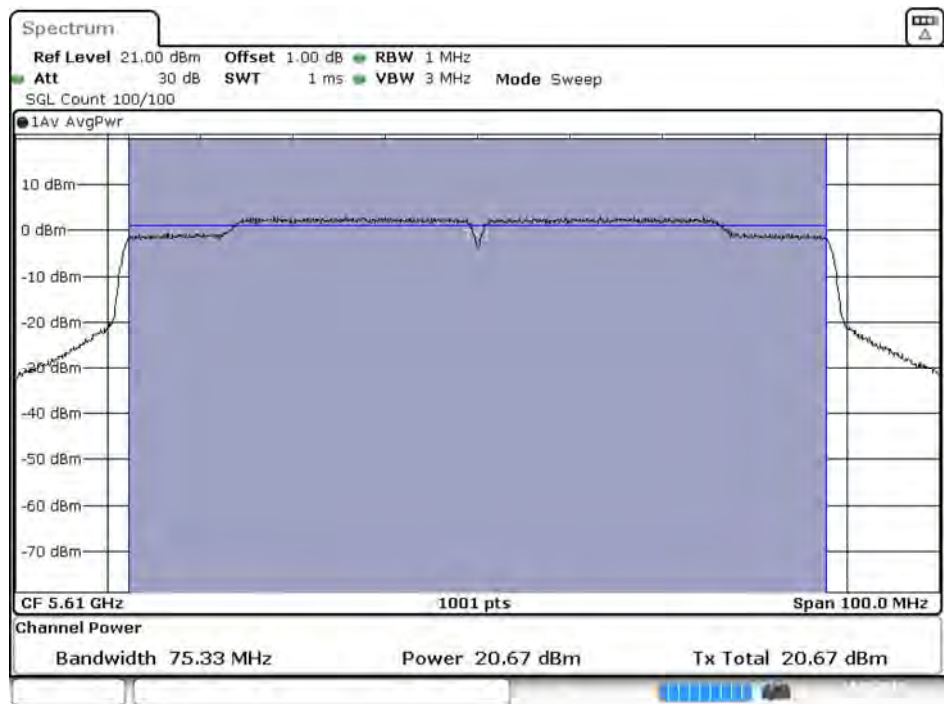
Channel 58

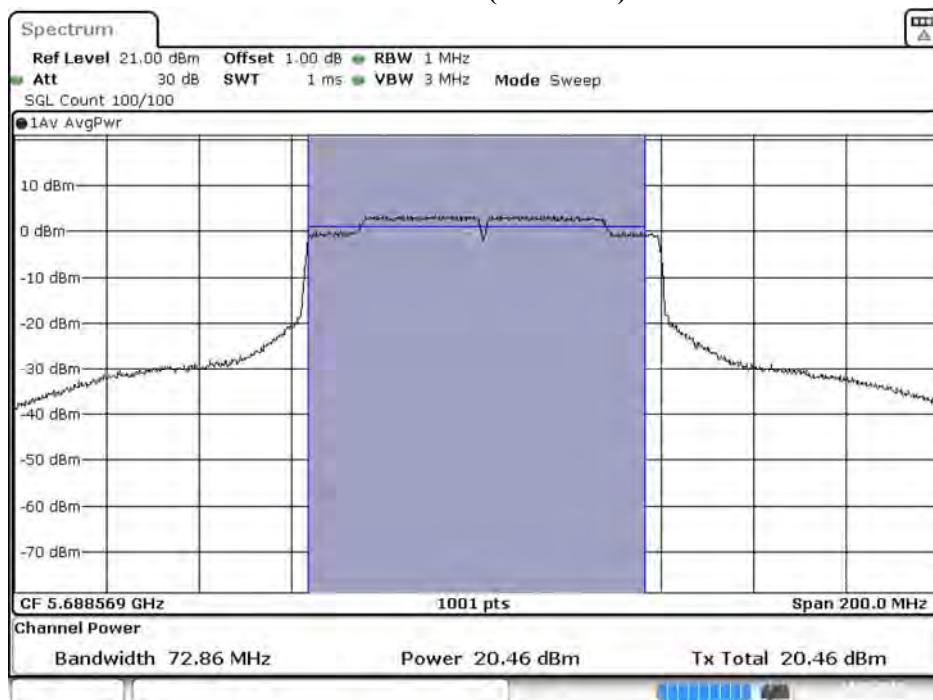
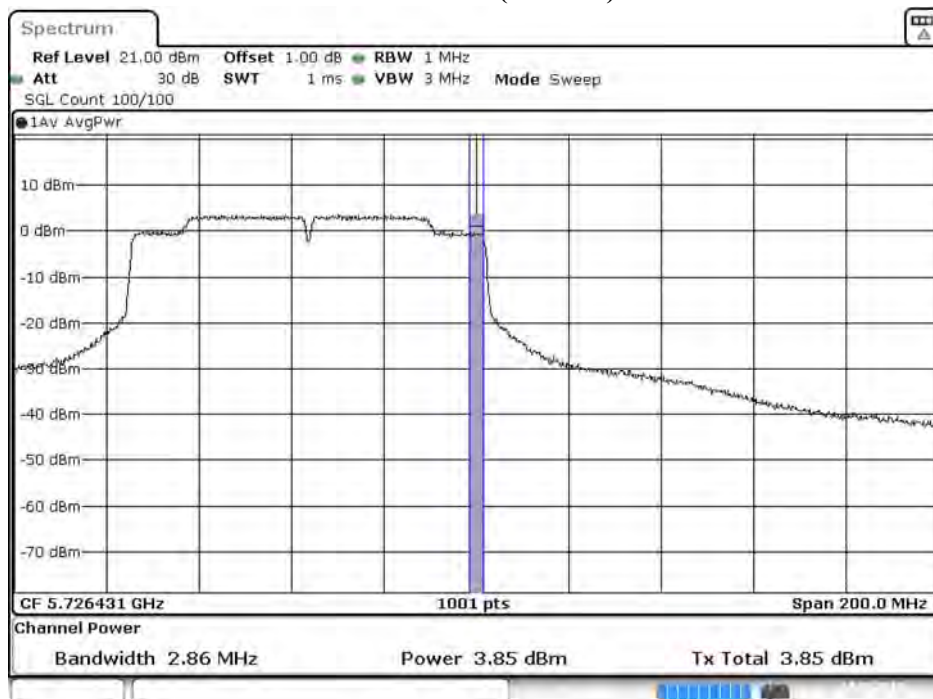


Maximum conducted output power:
Channel 106

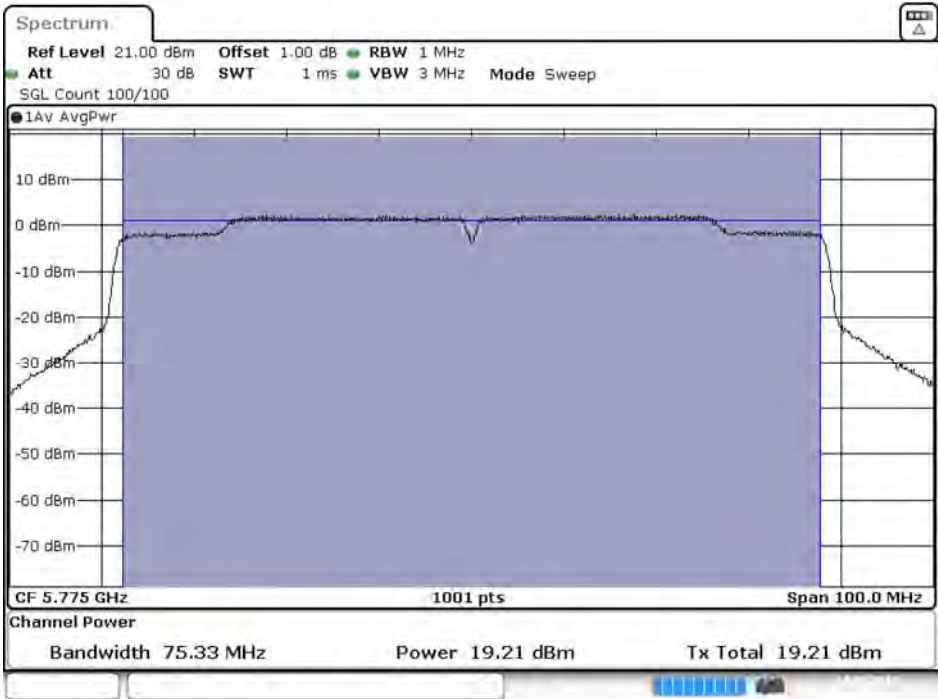


Maximum conducted output power:
Channel 122



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 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 14: 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：108 年 05 月 13 日

環境濕度：53 %

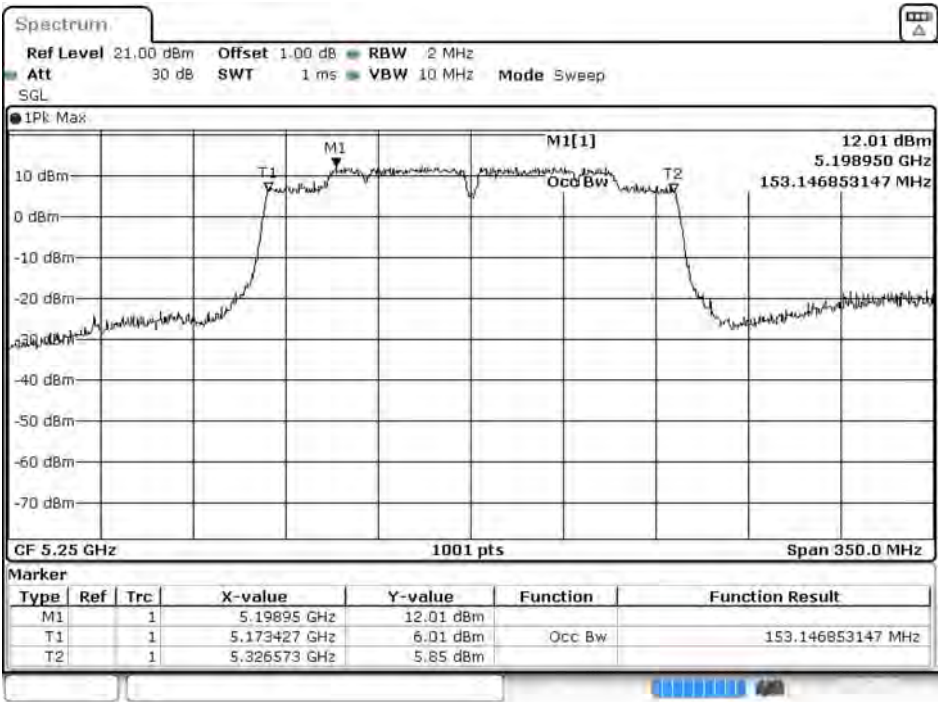
Cable loss=1.0dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		65	130	195	260	390	520	585	650	780	866.7
50 (U-NII-1)	5250	14.24	14.21	14.17	14.12	14.06	14.02	13.97	13.92	13.88	13.84
50 (U-NII-2A)	5250	14.21	14.13	14.06	14.03	14.00	13.96	13.91	13.84	13.79	13.72
114	5570	16.98	16.92	16.85	16.82	16.77	16.73	16.69	16.66	16.61	16.54

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

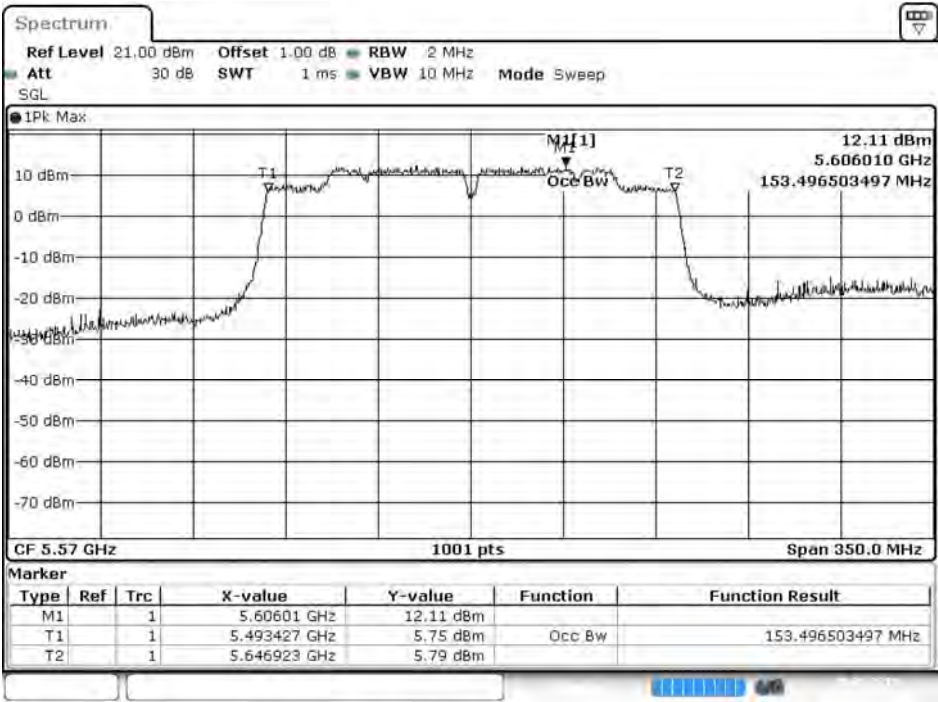
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
50 (U-NII-1)	5250	--	14.24	24	--
50 (U-NII-2A)	5250	76.573	14.21	24	29.84
114	5570	153.496	16.98	24	32.86

99% Occupied Bandwidth:
Channel 50

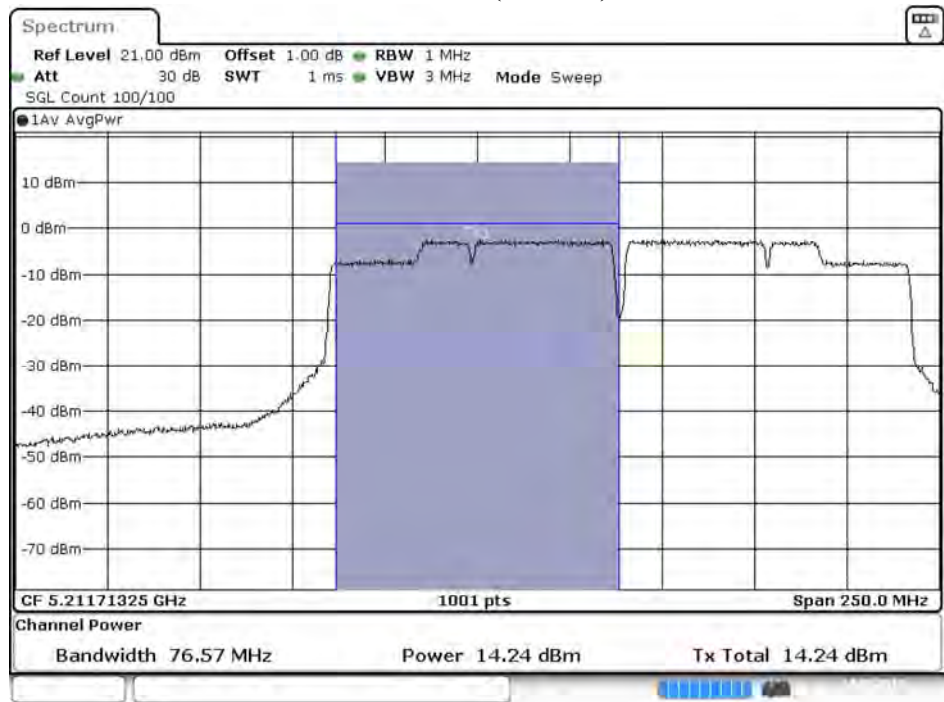


Channel 114

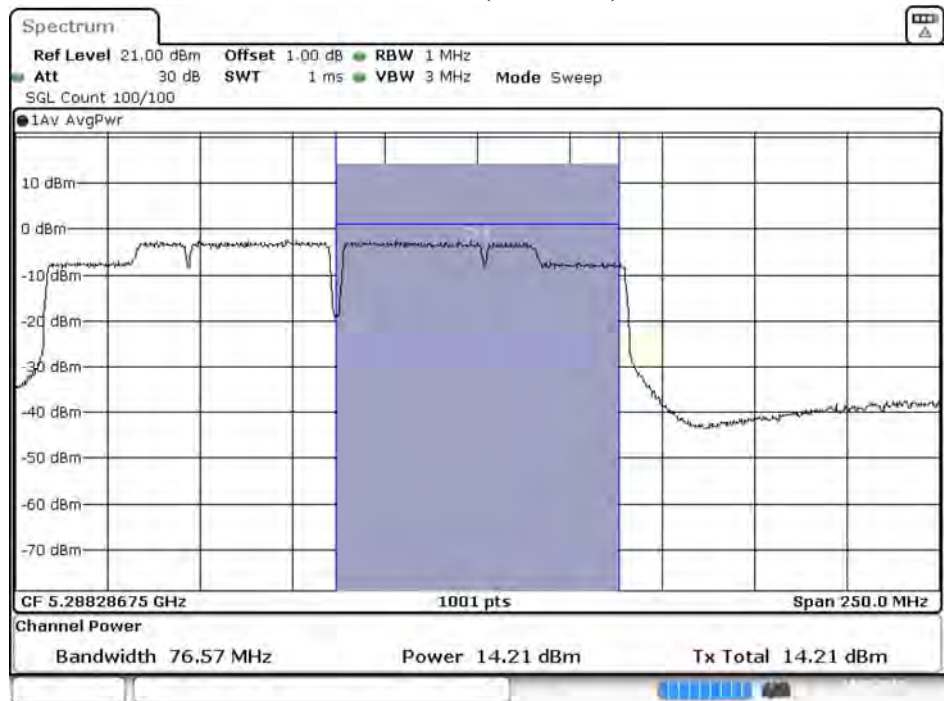


Date: 8 MAY 2019 13:13:28

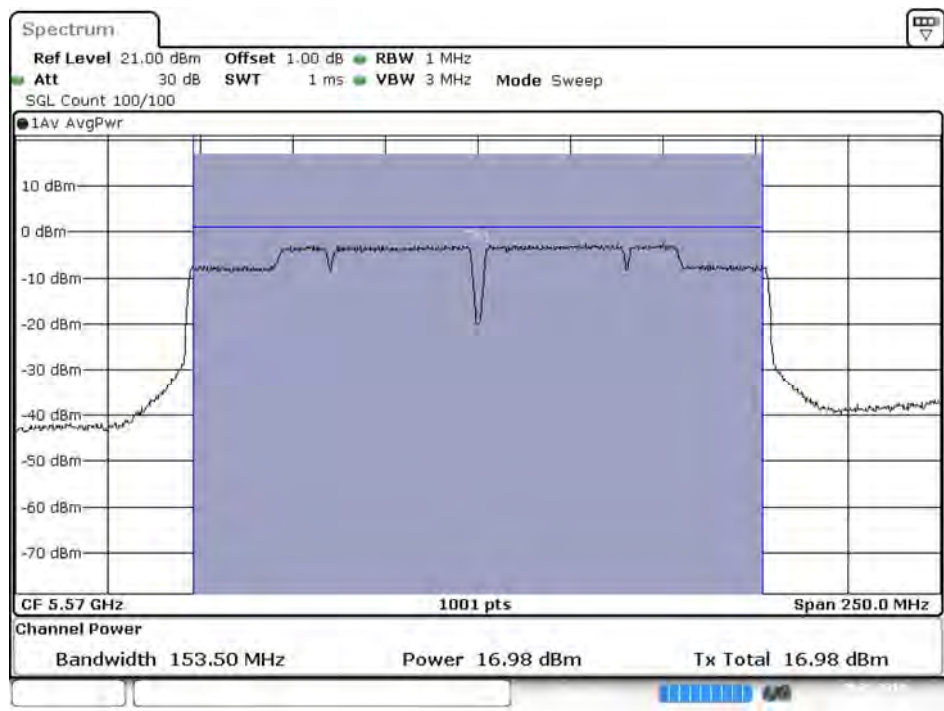
Maximum conducted output power:
Channel 50 (U-NII-1)



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



Maximum conducted output power:
Channel 114



Date: 8 MAY 2019 13:14:06

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 19: MIMO: 發射器 802.11n-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：108 年 05 月 13 日

環境濕度：53 %

Chain A

Cable loss=1.0dB		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	17.44	--	--	--	--	--	--	--
44	5220	17.56	17.52	17.49	17.45	17.42	17.38	17.35	17.31
48	5240	17.62	--	--	--	--	--	--	--
52	5260	17.68	--	--	--	--	--	--	--
60	5300	17.51	17.48	17.43	17.39	17.35	17.30	17.27	17.24
64	5320	17.69	--	--	--	--	--	--	--
100	5500	17.43	--	--	--	--	--	--	--
116	5580	17.78	17.73	17.69	17.64	17.59	17.56	17.50	17.46
140	5700	17.71	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.88	16.84	16.79	16.74	16.70	16.65	16.62	16.56
144(U-NII-3)	5720	11.45	11.41	11.38	11.34	11.30	11.28	11.24	11.20
149	5745	17.82	--	--	--	--	--	--	--
157	5785	17.83	17.79	17.76	17.72	17.68	17.65	17.61	17.58
165	5825	17.85	--	--	--	--	--	--	--

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

Chain B

Cable loss=1.0dB		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	17.55	--	--	--	--	--	--	--
44	5220	17.43	17.41	17.37	17.34	17.32	17.28	17.25	17.23
48	5240	17.68	--	--	--	--	--	--	--
52	5260	17.63	--	--	--	--	--	--	--
60	5300	17.55	17.52	17.48	17.44	17.41	17.37	17.34	17.31
64	5320	17.52	--	--	--	--	--	--	--
100	5500	17.56	--	--	--	--	--	--	--
116	5580	17.51	17.48	17.45	17.42	17.39	17.36	17.34	17.30
140	5700	17.57	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.55	16.51	16.47	16.43	16.39	16.36	16.31	16.28
144(U-NII-3)	5720	11.38	11.34	11.29	11.24	11.21	11.15	11.11	11.06
149	5745	17.79	--	--	--	--	--	--	--
157	5785	17.89	17.85	17.81	17.77	17.72	17.69	17.66	17.60
165	5825	17.87	--	--	--	--	--	--	--

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

Maximum conducted output power Measurement:

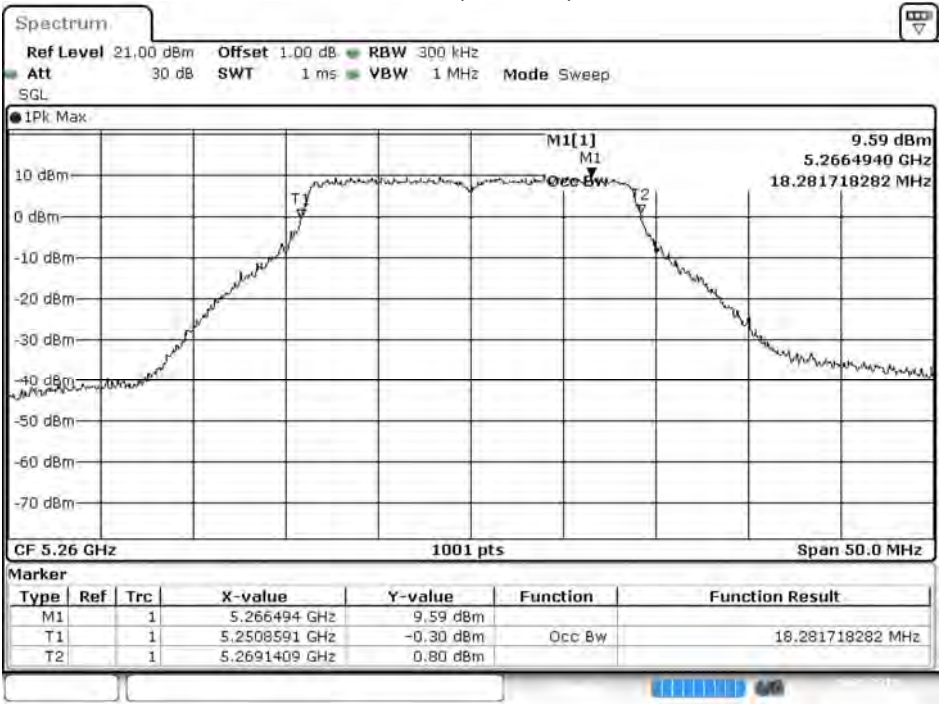
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
36	5180	--	17.44	17.55	20.51	24	--
44	5220	--	17.56	17.43	20.51	24	--
48	5240	--	17.62	17.68	20.66	24	--
52	5260	18.081	17.68	17.63	20.67	24	23.57
60	5300	18.131	17.51	17.55	20.54	24	23.58
64	5320	18.081	17.69	17.52	20.62	24	23.57
100	5500	18.081	17.43	17.56	20.51	24	23.57
116	5580	18.131	17.78	17.51	20.66	24	23.58
140	5700	18.131	17.71	17.57	20.65	24	23.58
144(U-NII-2C)	5720	14.066	16.88	16.55	19.73	24	22.48
144(U-NII-3)	5720	--	11.45	11.38	14.43	30	--
149	5745	--	17.82	17.79	20.82	30	--
157	5785	--	17.83	17.89	20.87	30	--
165	5825	--	17.85	17.87	20.87	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.

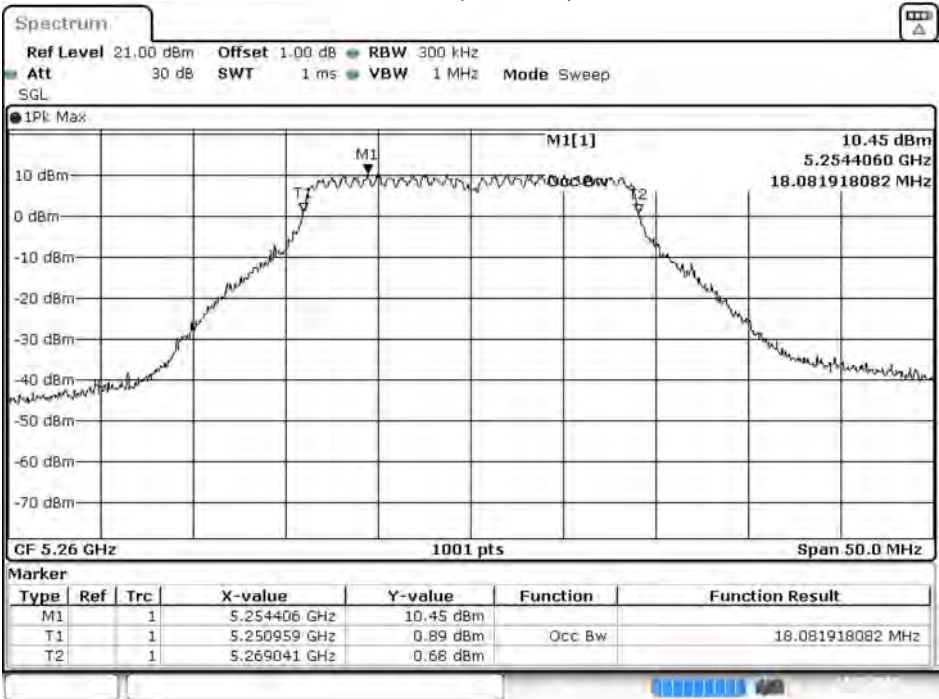
99% Occupied Bandwidth:

Channel 52 (Chain A)

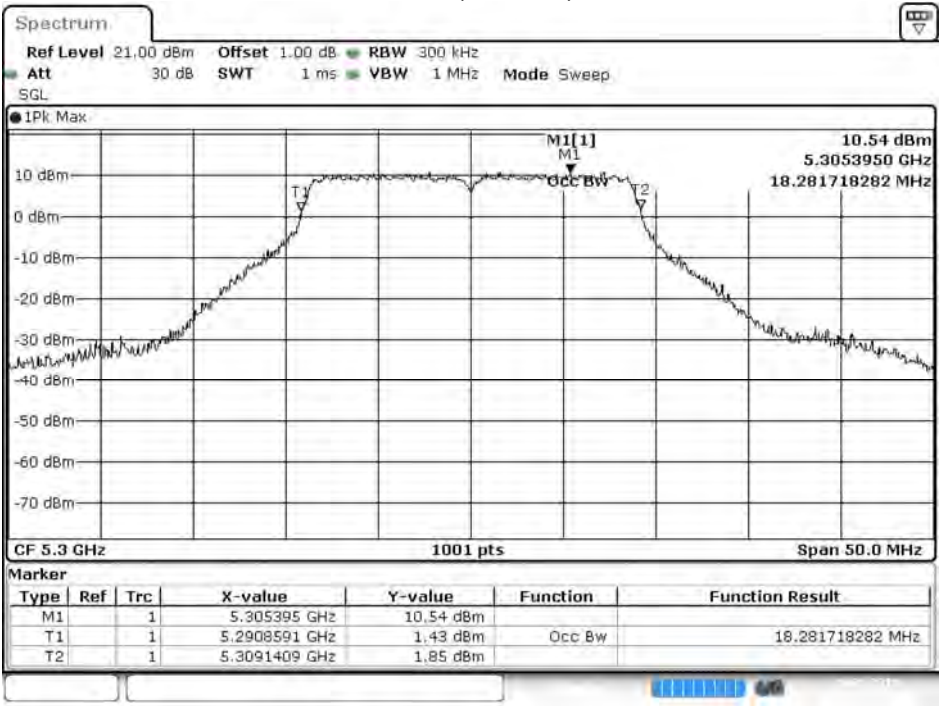


Date: 14.MAY.2019 15:40:08

Channel 52 (Chain B)

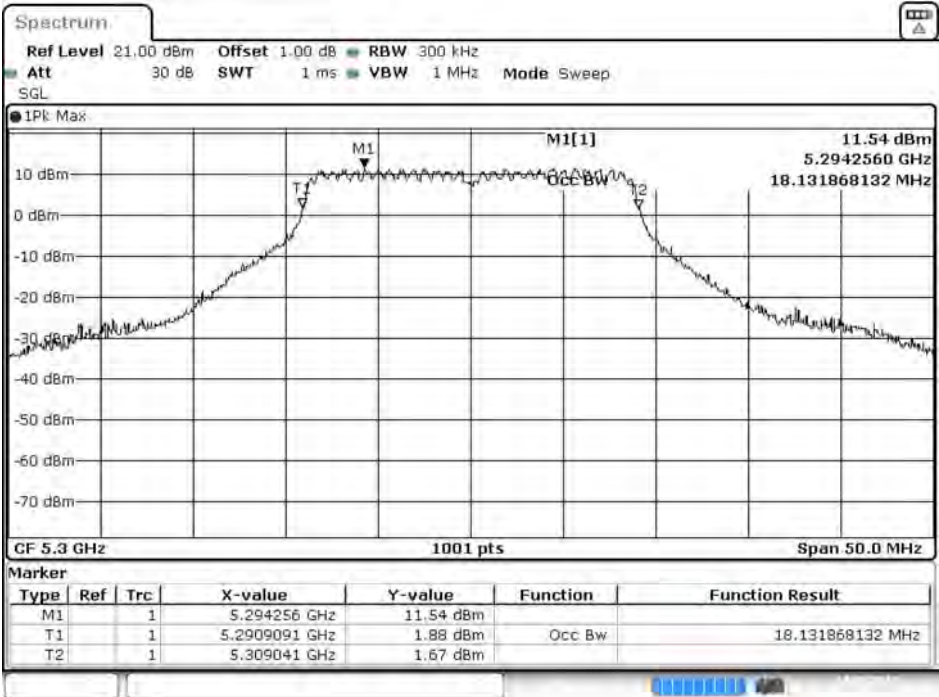


Channel 60 (Chain A)

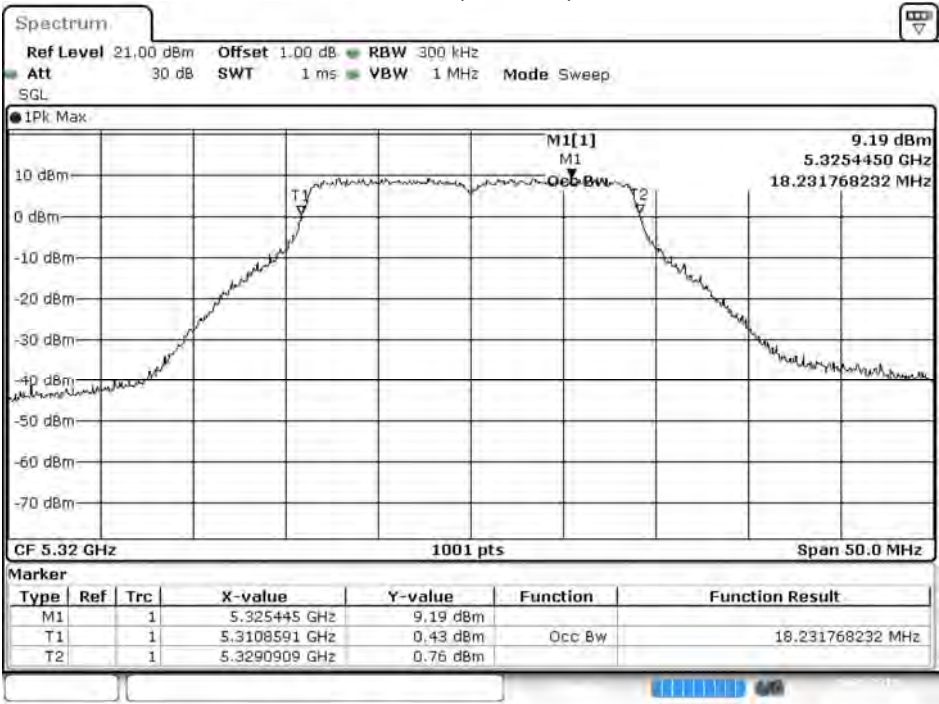


Date: 14.MAY.2019 15:41:00

Channel 60 (Chain B)

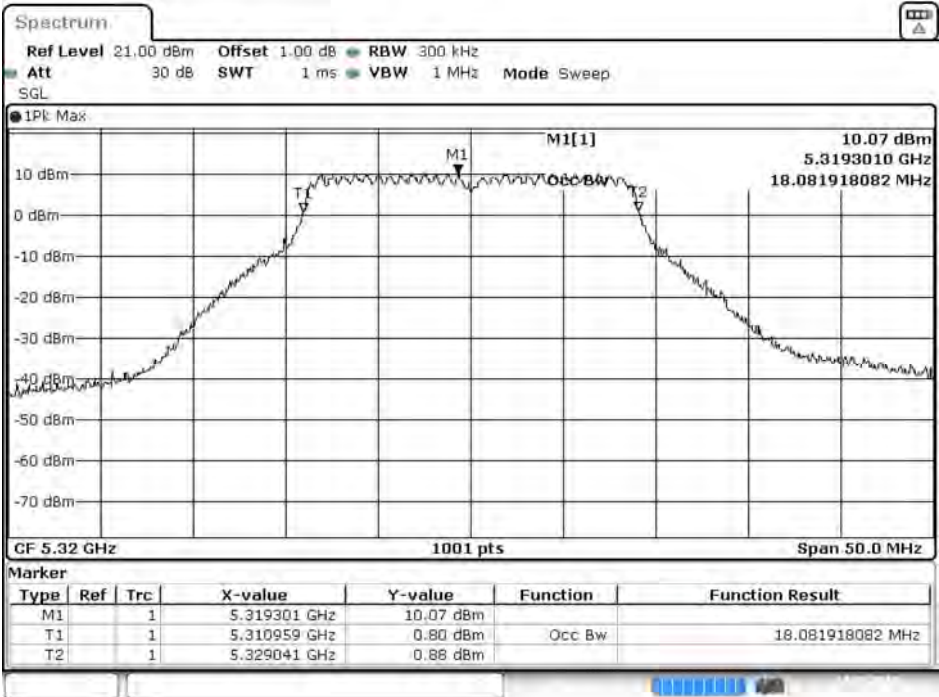


Channel 64 (Chain A)

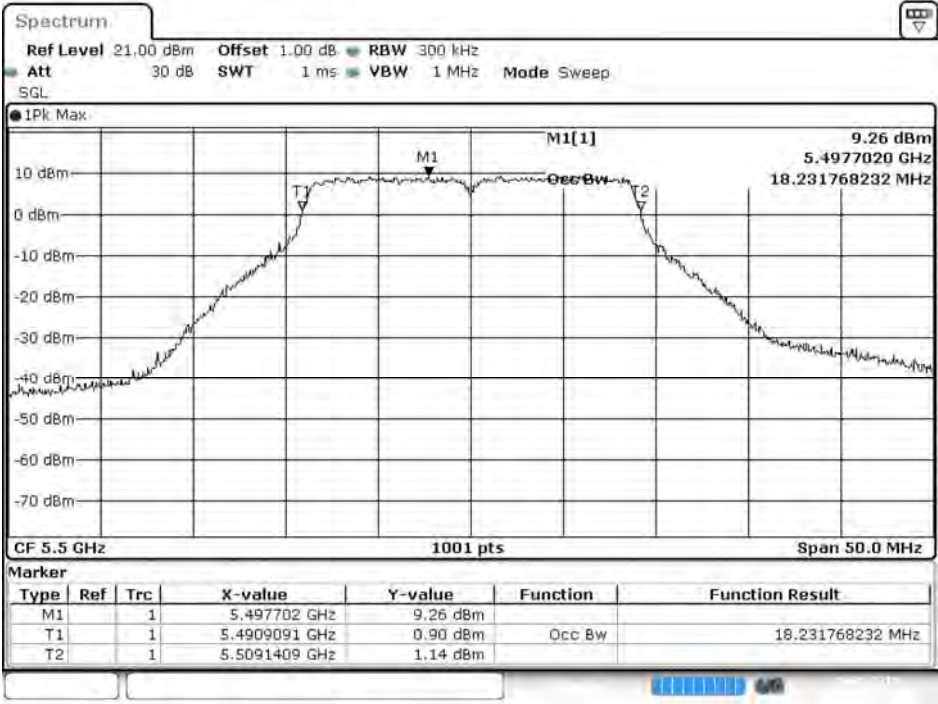


Date: 14.MAY.2019 15:42:06

Channel 64 (Chain B)

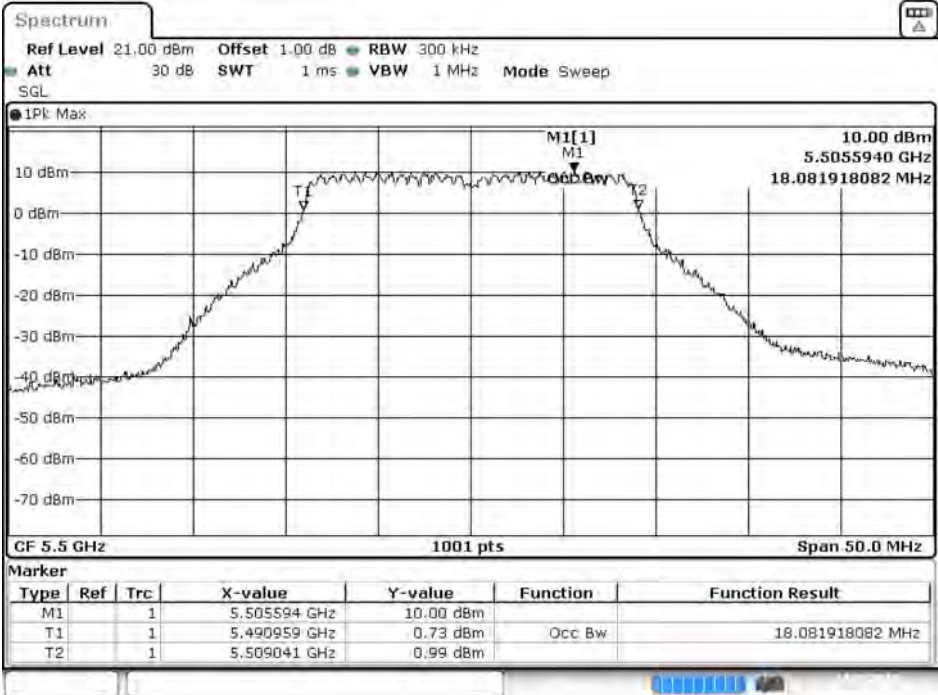


Channel 100 (Chain A)

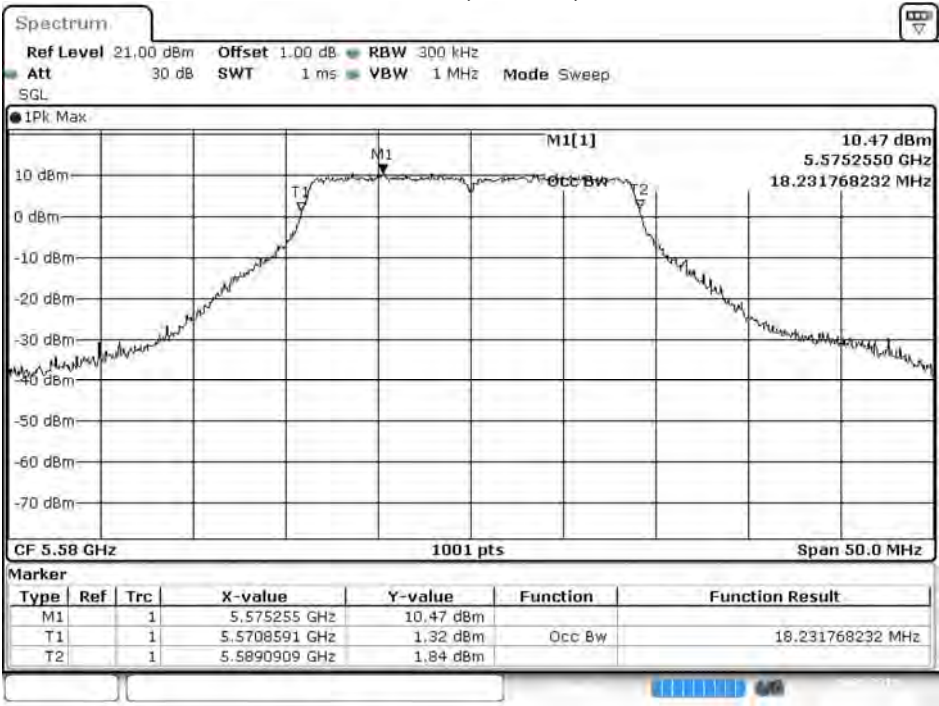


Date: 14.MAY.2019 15:43:17

Channel 100 (Chain B)

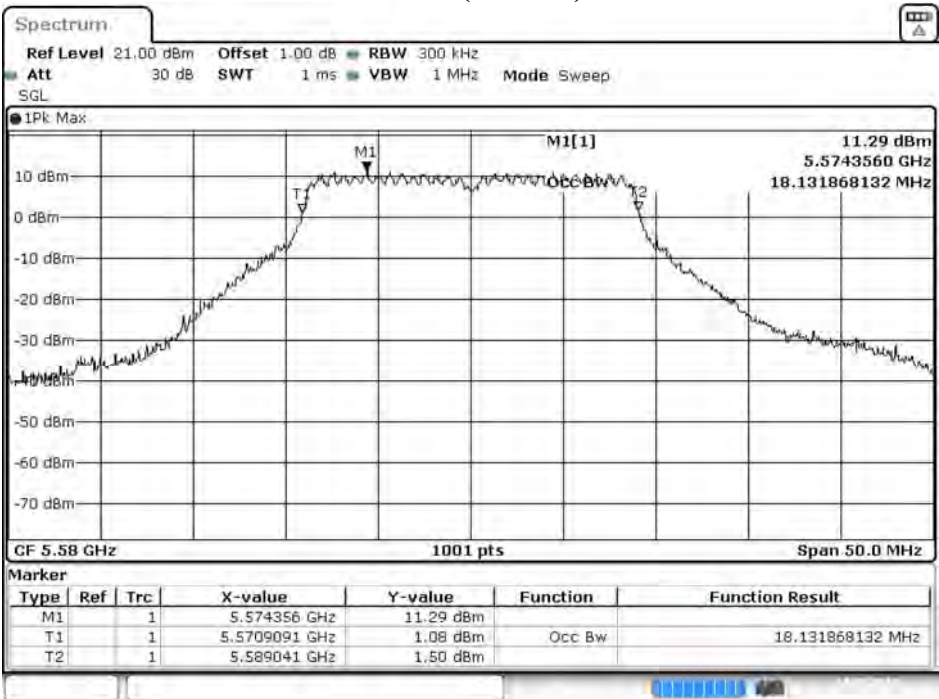


Channel 116 (Chain A)

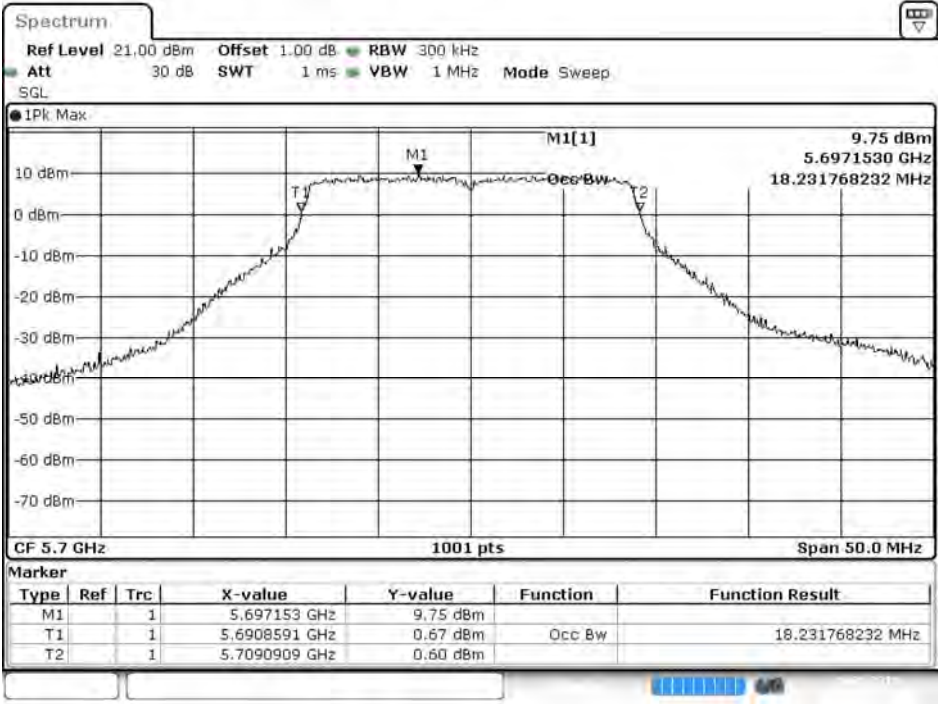


Date: 14.MAY.2019 15:43:51

Channel 116 (Chain B)

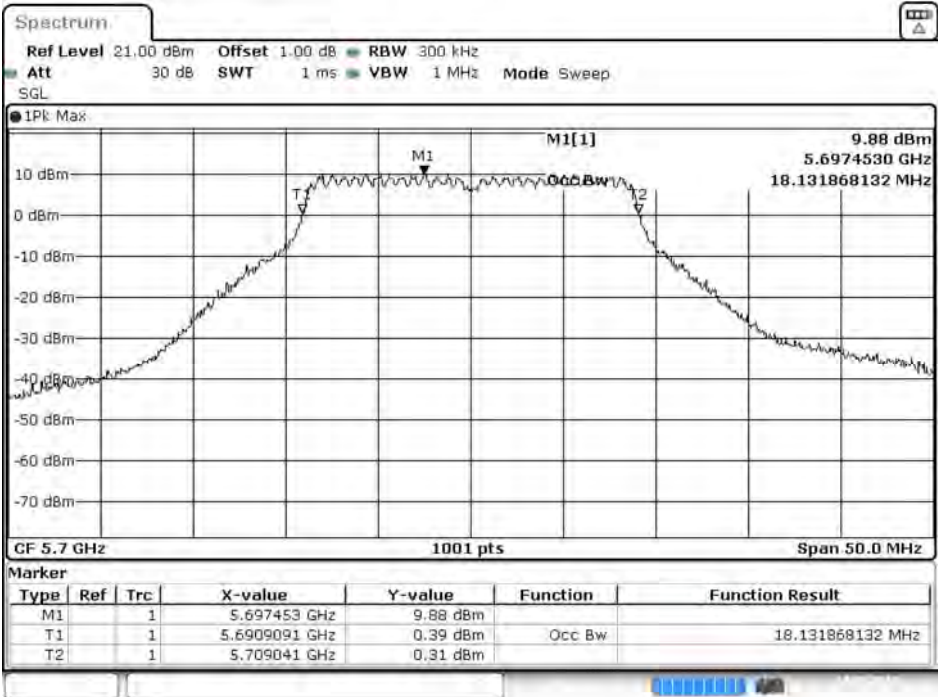


Channel 140 (Chain A)

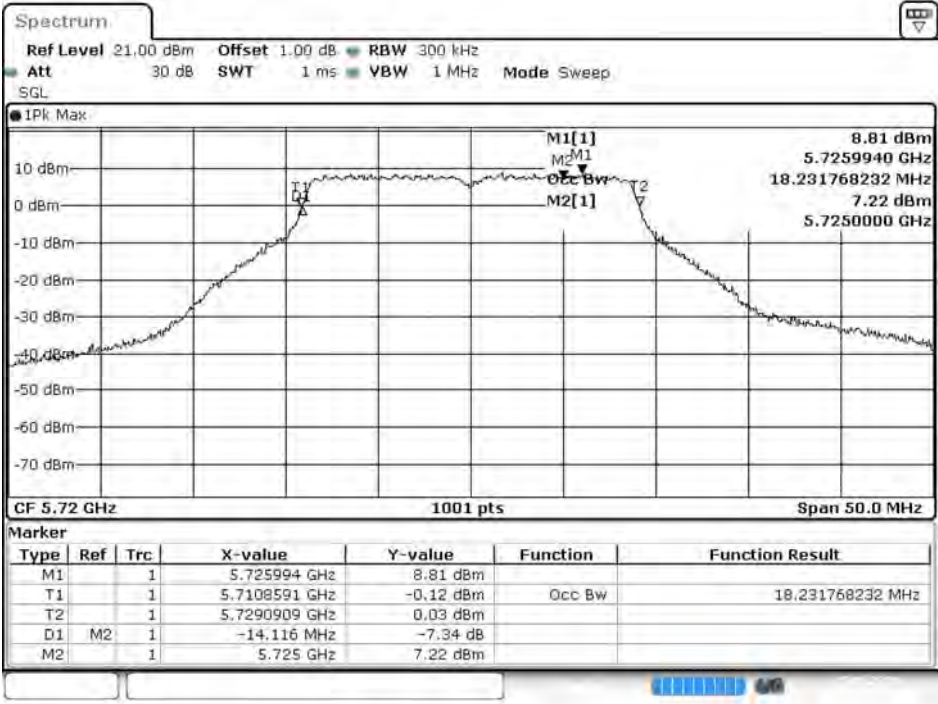


Date: 14.MAY.2019 15:44:35

Channel 140 (Chain B)

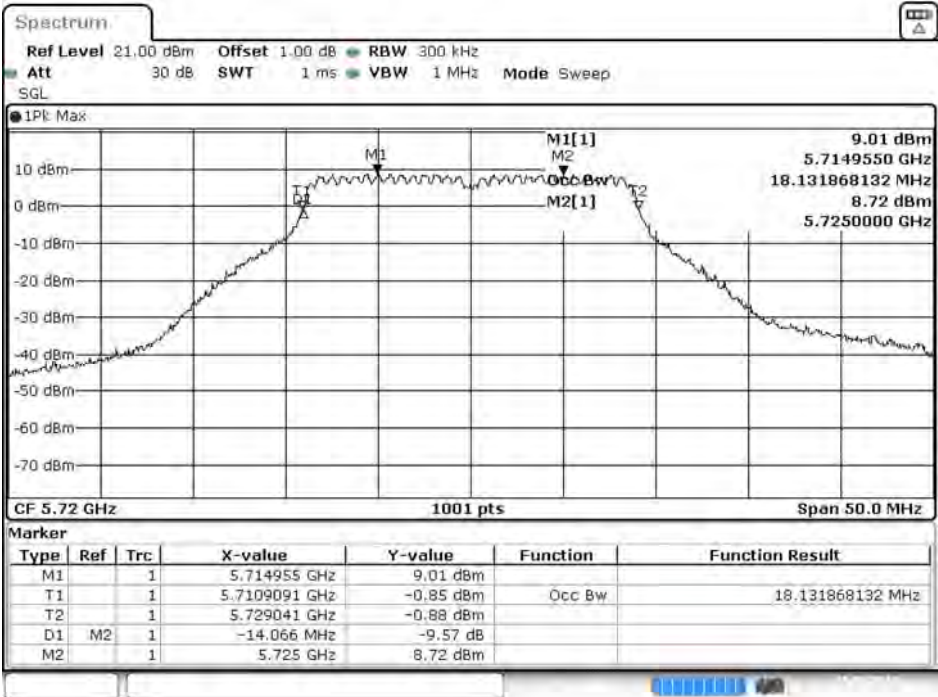


Channel 144 (Chain A)

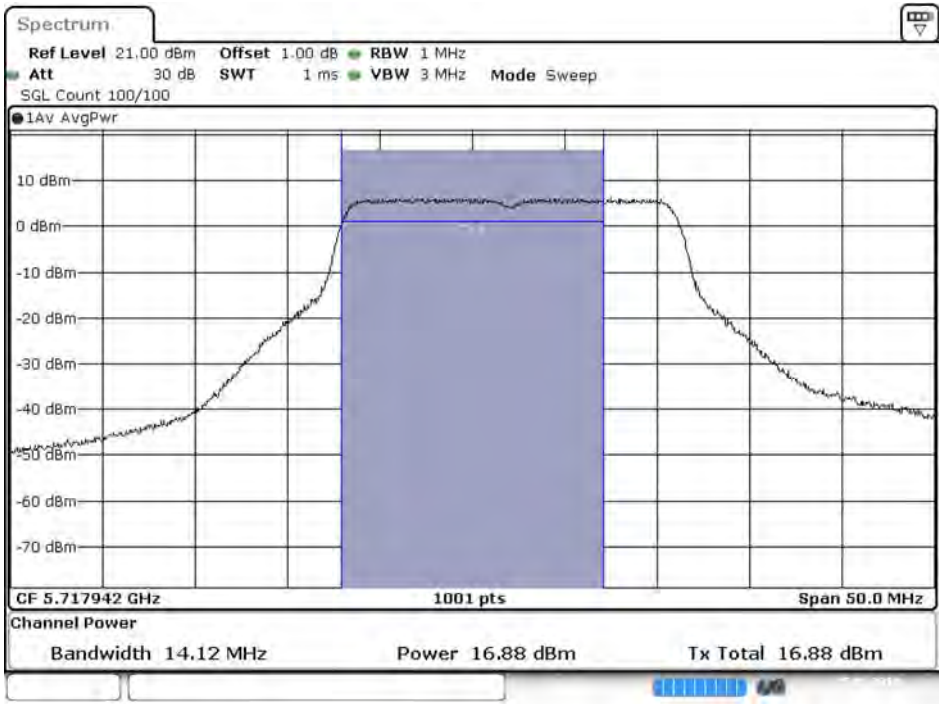


Date: 15.MAY.2019 11:29:34

Channel 144 (Chain B)

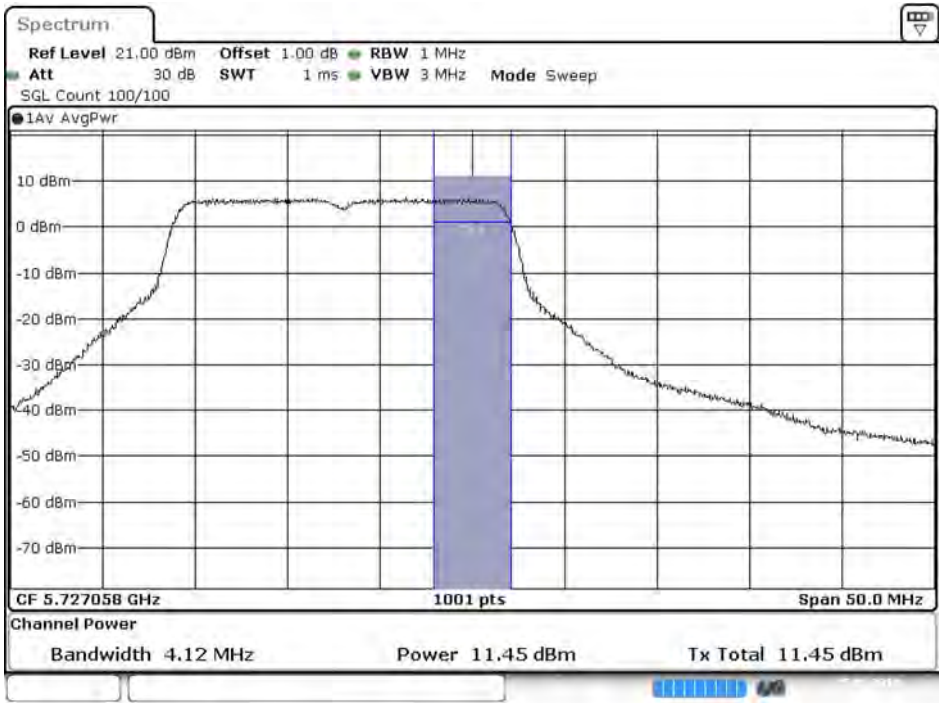


Maximum conducted output power:
Channel 144 (U-NII-2C) (Chain A)



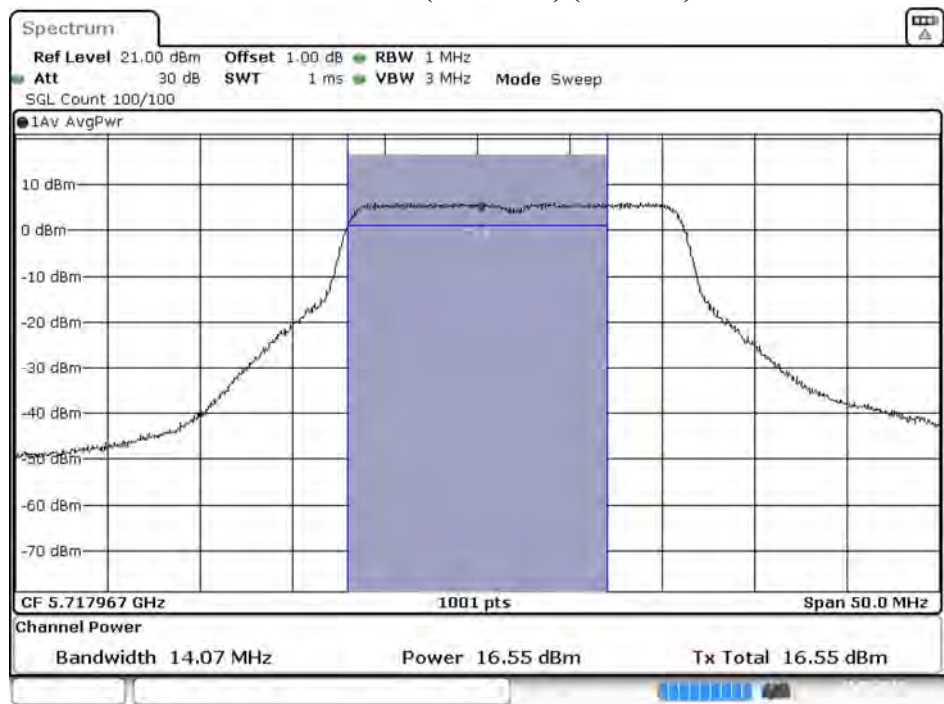
Date: 15.MAY.2019 11:30:24

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

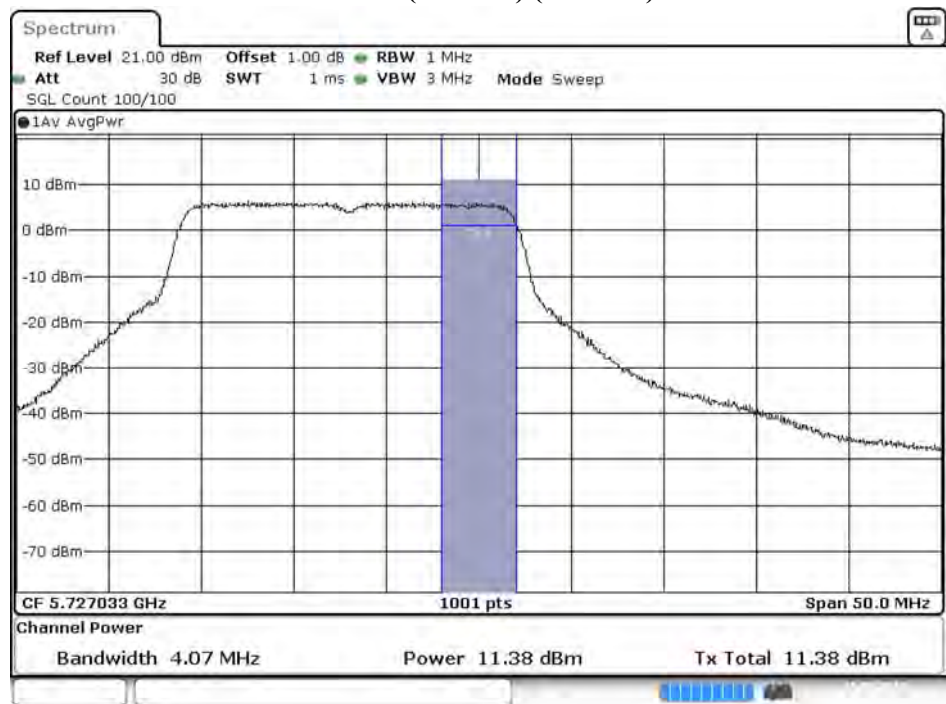


Date: 15.MAY.2019 11:31:11

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 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 20: MIMO: 發射器 802.11n-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：108 年 05 月 13 日

環境濕度：53 %

Chain A

Cable loss=1.0dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		30	60	90	120	180	240	270	300
38	5190	17.86	--	--	--	--	--	--	--
46	5230	17.85	17.81	17.78	17.74	17.71	17.67	17.63	17.60
54	5270	17.88	--	--	--	--	--	--	--
62	5310	17.87	17.84	17.79	17.75	17.72	17.67	17.63	17.59
102	5510	17.16	--	--	--	--	--	--	--
110	5550	17.53	17.49	17.44	17.39	17.35	17.31	17.27	17.23
134	5670	17.93	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.53	17.49	17.45	17.41	17.36	17.32	17.29	17.26
142(U-NII-3)	5710	7.28	7.25	7.21	7.17	7.14	7.11	7.07	7.03
151	5755	17.89	--	--	--	--	--	--	--
159	5795	17.99	17.94	17.89	17.84	17.78	17.75	17.69	17.66

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

Chain B

Cable loss=1.0dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		30	60	90	120	180	240	270	300
38	5190	17.68	--	--	--	--	--	--	--
46	5230	17.55	17.51	17.48	17.44	17.41	17.37	17.33	17.31
54	5270	17.52	--	--	--	--	--	--	--
62	5310	17.83	17.78	17.74	17.69	17.64	17.60	17.55	17.51
102	5510	17.02	--	--	--	--	--	--	--
110	5550	17.49	17.45	17.40	17.37	17.31	17.28	17.22	17.17
134	5670	17.68	--	--	--	--	--	--	--
142(U-NII-2C)	5710	17.38	17.34	17.29	17.24	17.20	17.15	17.11	17.06
142(U-NII-3)	5710	7.44	7.41	7.38	7.35	7.31	7.29	7.27	7.24
151	5755	17.87	--	--	--	--	--	--	--
159	5795	17.92	17.88	17.85	17.81	17.77	17.74	17.70	17.67

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

Maximum conducted output power Measurement:

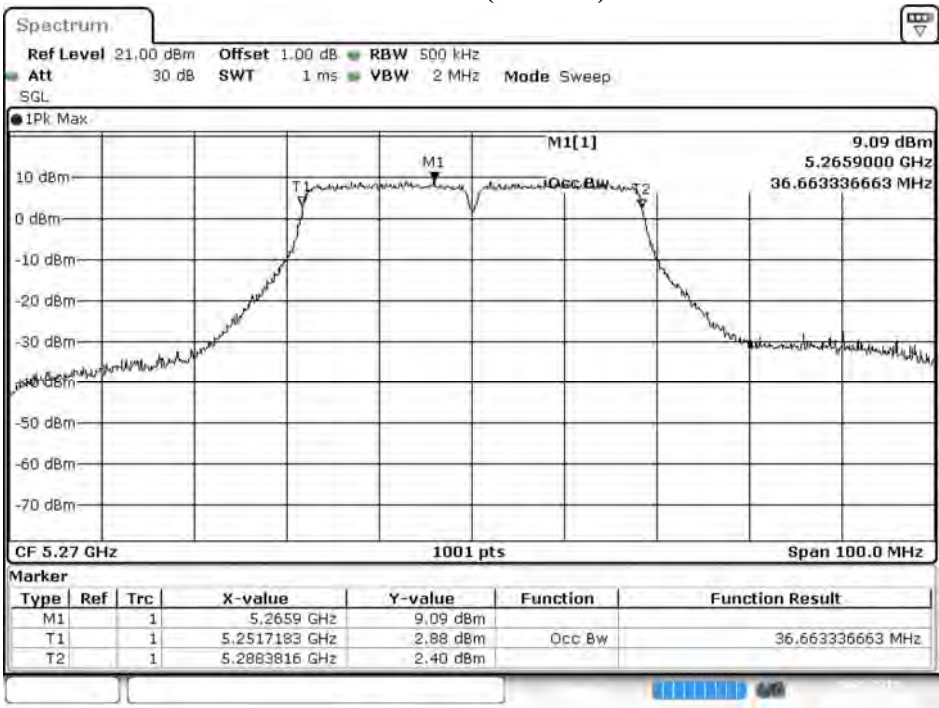
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
38	5190	--	17.86	17.68	20.78	24	--
46	5230	--	17.85	17.55	20.71	24	--
54	5270	36.463	17.88	17.52	20.71	24	26.62
62	5310	36.463	17.87	17.83	20.86	24	26.62
102	5510	36.463	17.16	17.02	20.10	24	26.62
110	5550	36.463	17.53	17.49	20.52	24	26.62
134	5670	36.463	17.93	17.68	20.82	24	26.62
142(U-NII-2C)	5710	33.232	17.53	17.38	20.47	24	26.22
142(U-NII-3)	5710	--	7.28	7.44	10.37	30	--
151	5755	--	17.89	17.87	20.89	30	--
159	5795	--	17.99	17.92	20.97	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.

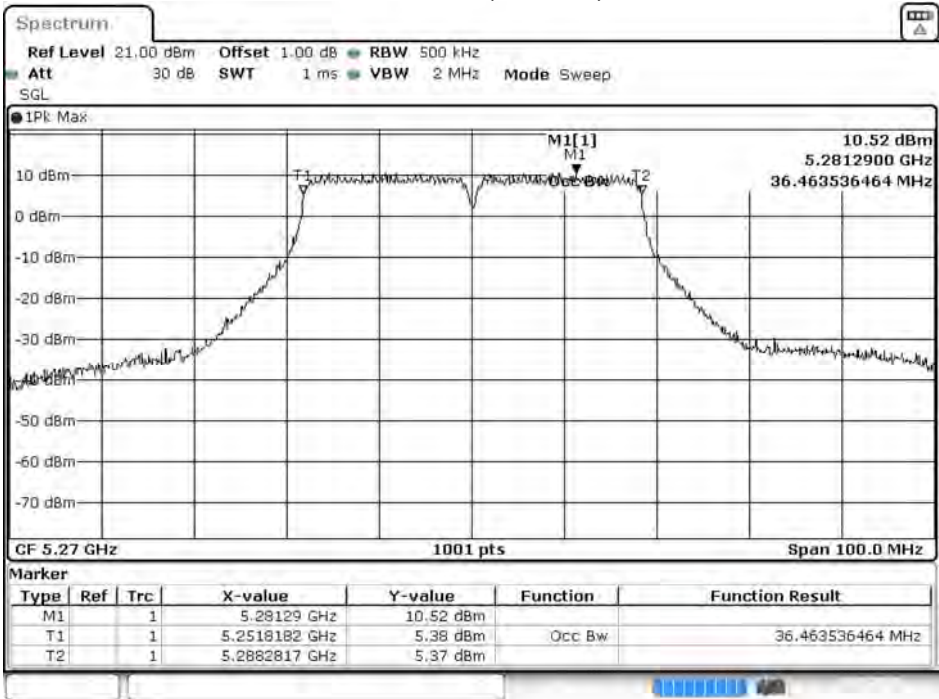
99% Occupied Bandwidth:

Channel 54 (Chain A)

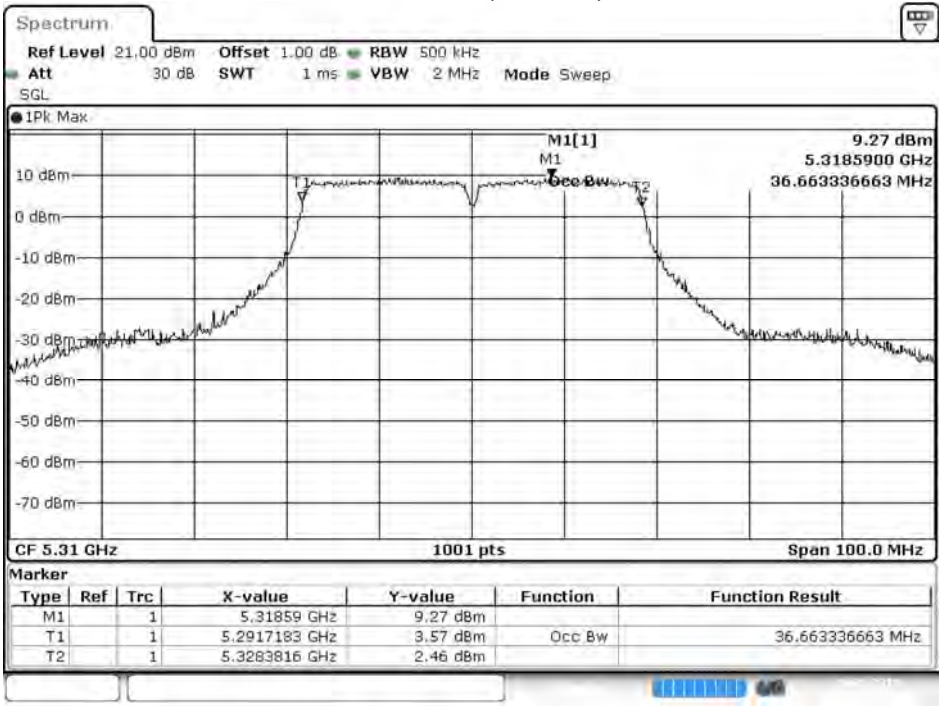


Date: 14.MAY.2019 15:46:28

Channel 54 (Chain B)

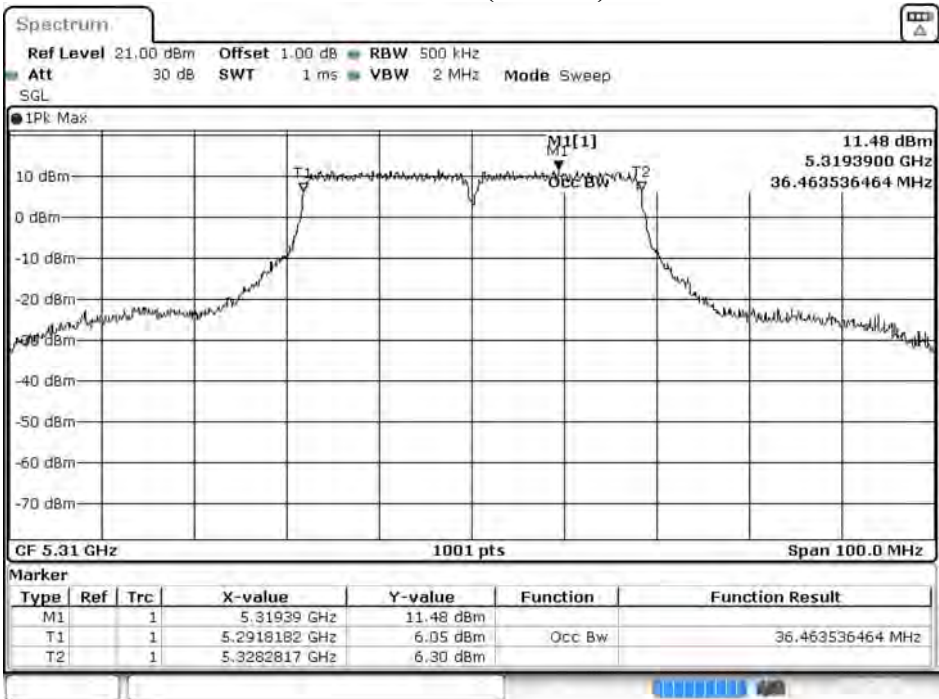


Channel 62 (Chain A)

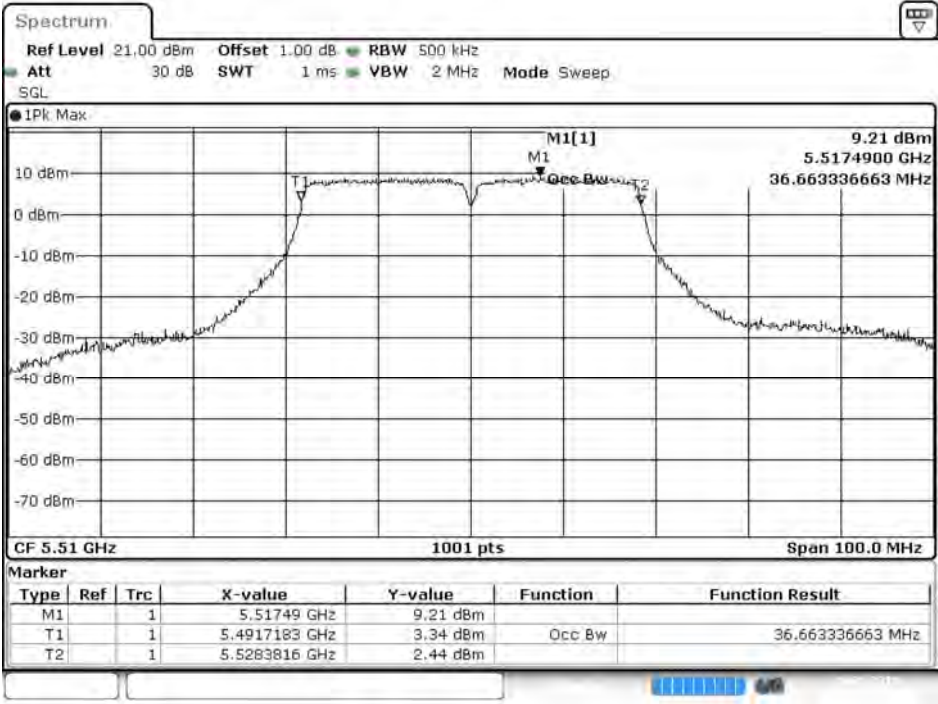


Date: 14.MAY.2019 15:47:23

Channel 62 (Chain B)

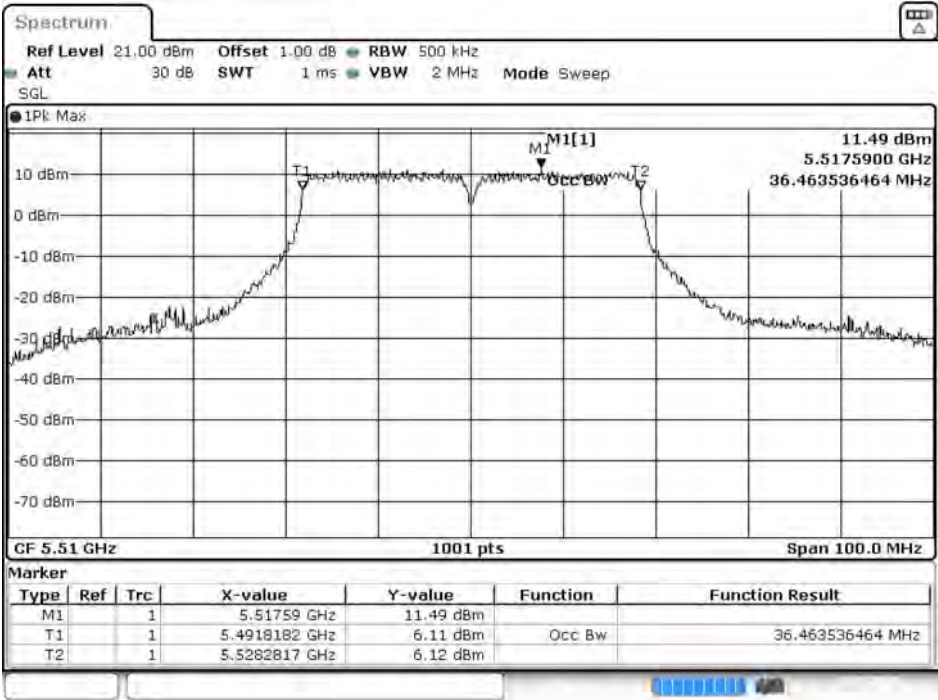


Channel 102 (Chain A)

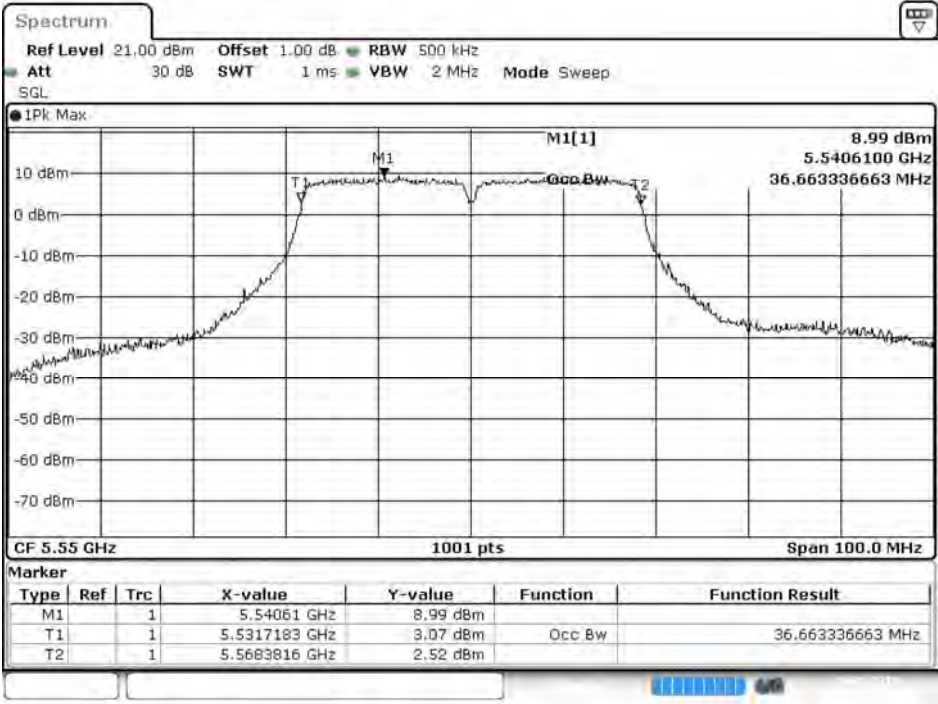


Date: 14.MAY.2019 15:48:04

Channel 102 (Chain B)

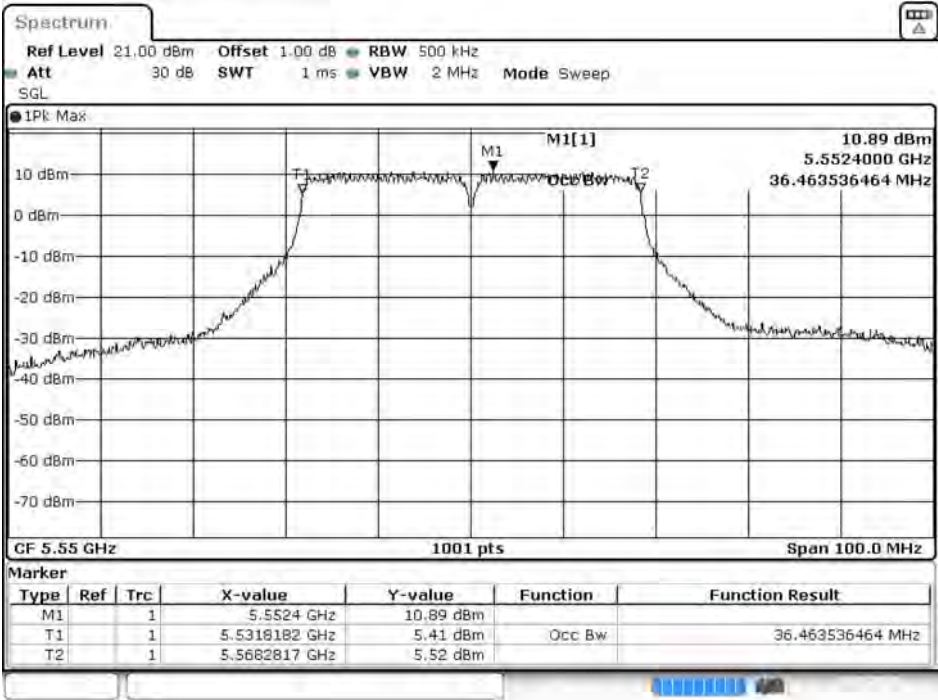


Channel 110 (Chain A)

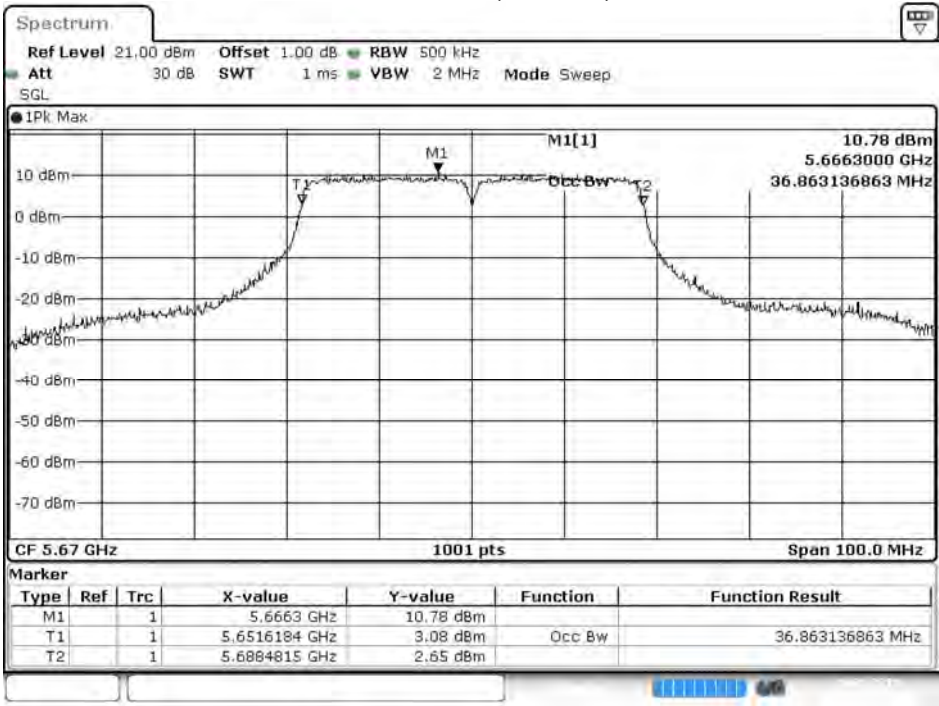


Date: 14.MAY.2019 15:48.48

Channel 110 (Chain B)

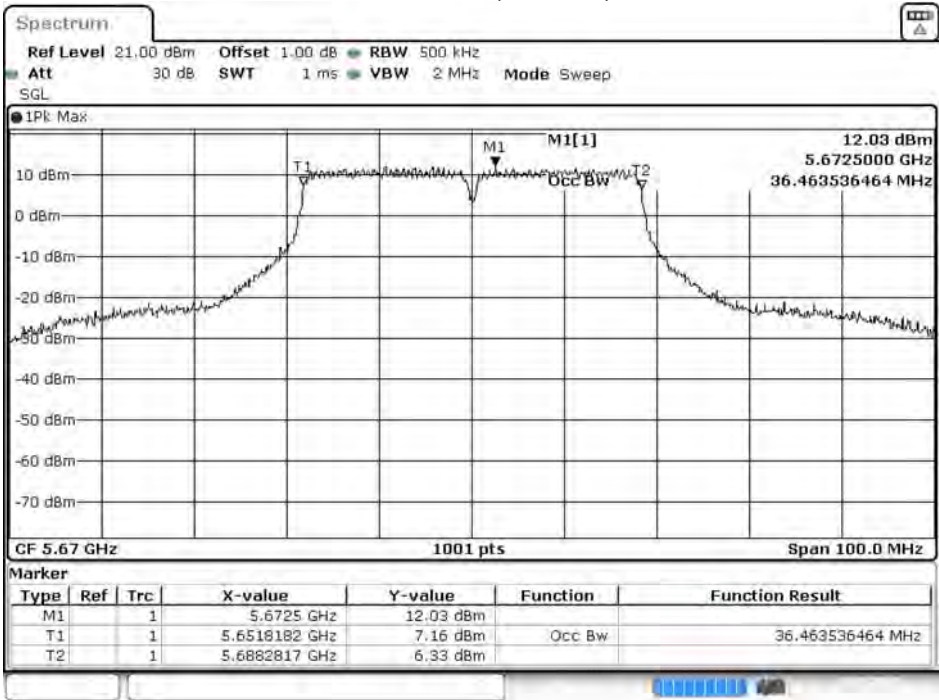


Channel 134 (Chain A)

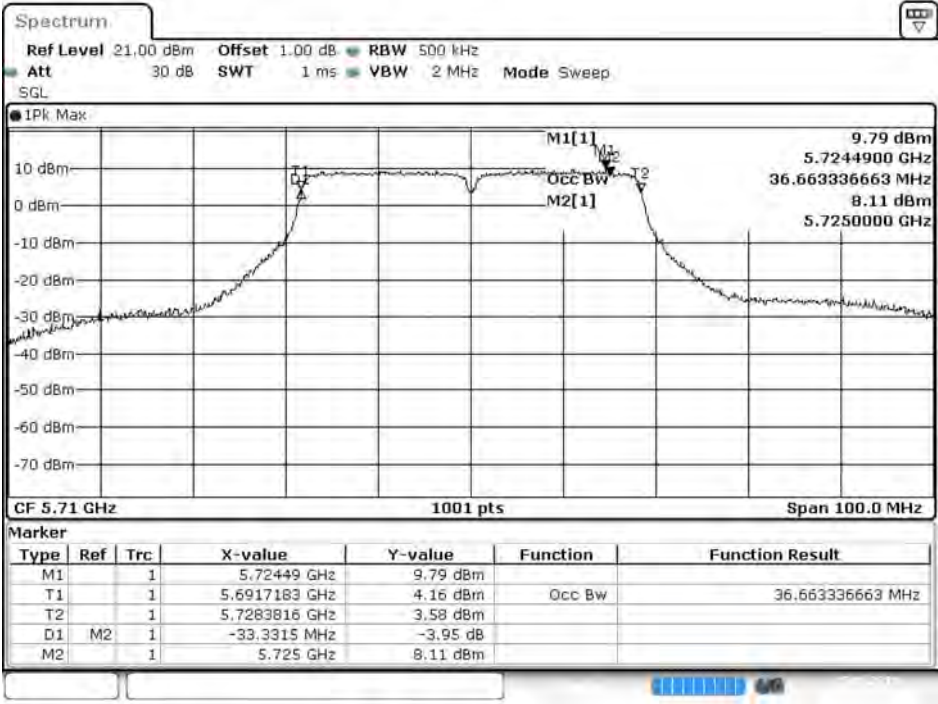


Date: 14.MAY.2019 15:49:30

Channel 134 (Chain B)

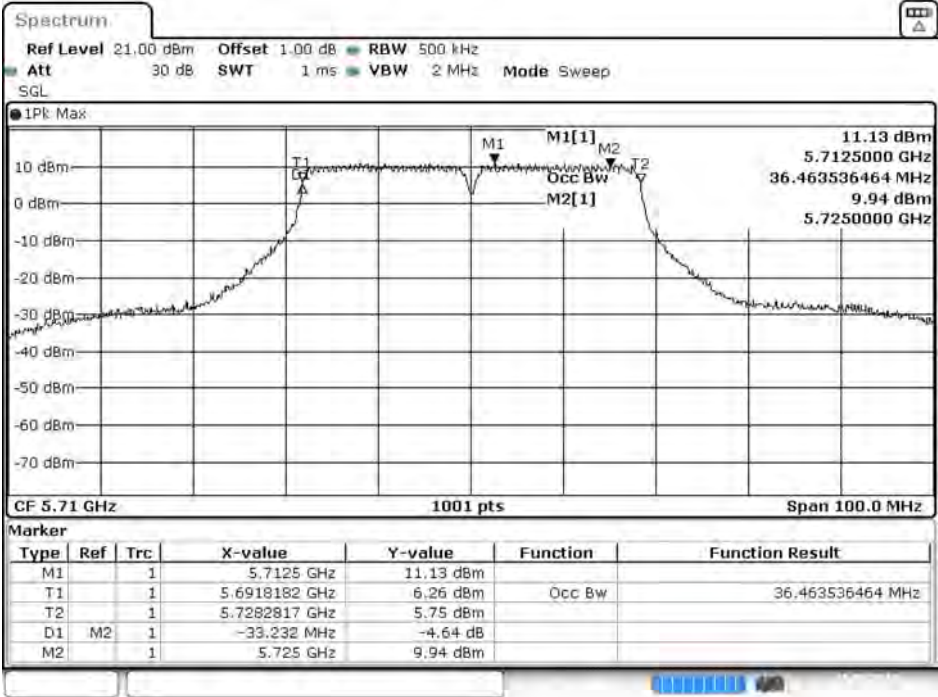


Channel 142 (Chain A)

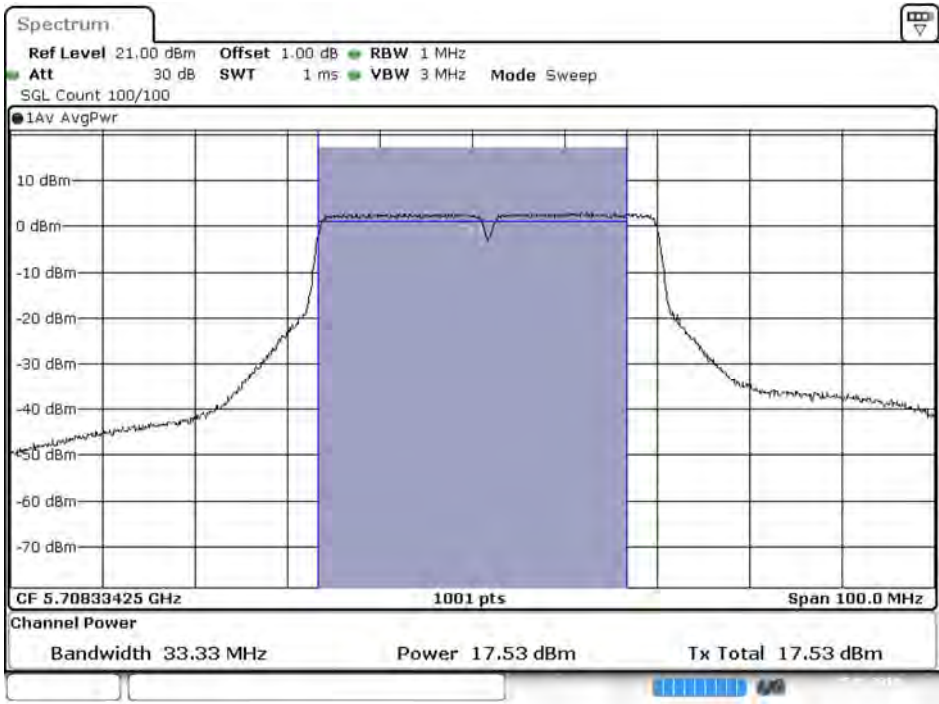


Date: 15.MAY.2019 11:32:31

Channel 142 (Chain B)

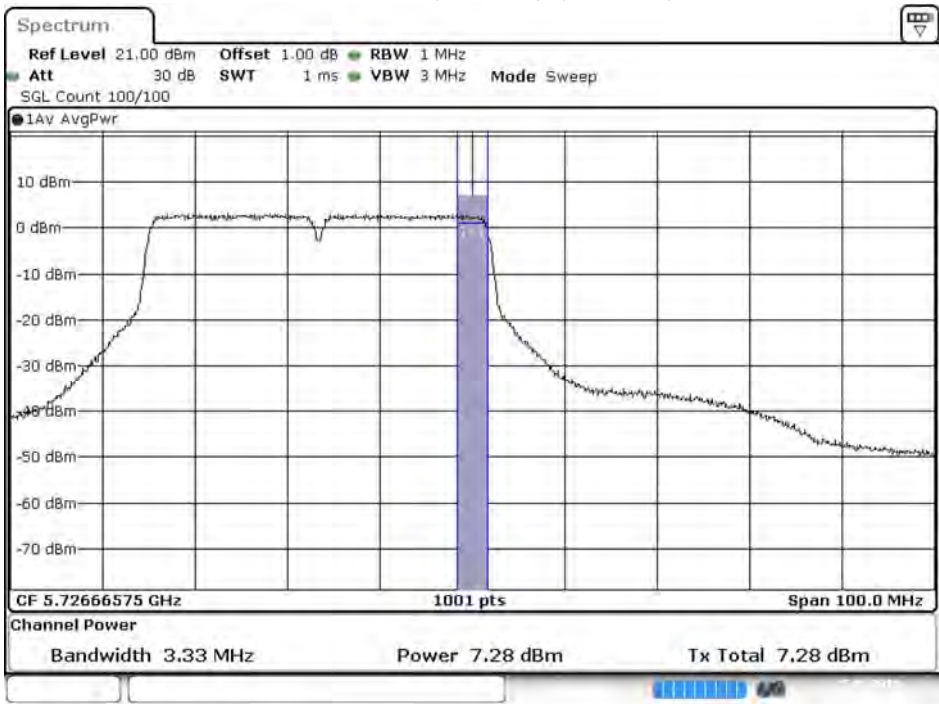


Maximum conducted output power:
Channel 142 (U-NII-2C) (Chain A)



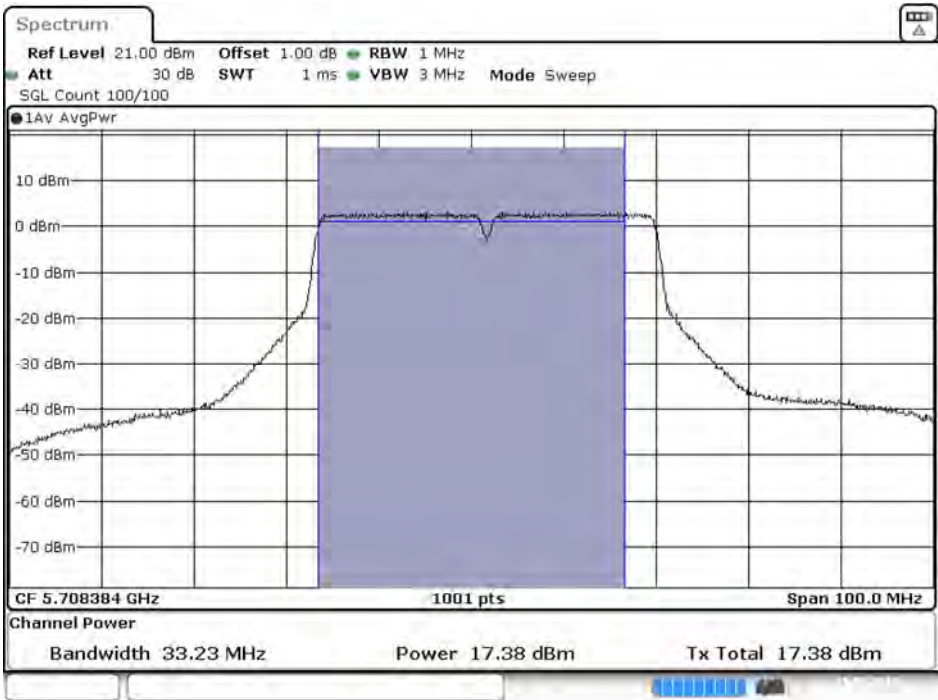
Date: 15.MAY.2019 11:33:20

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

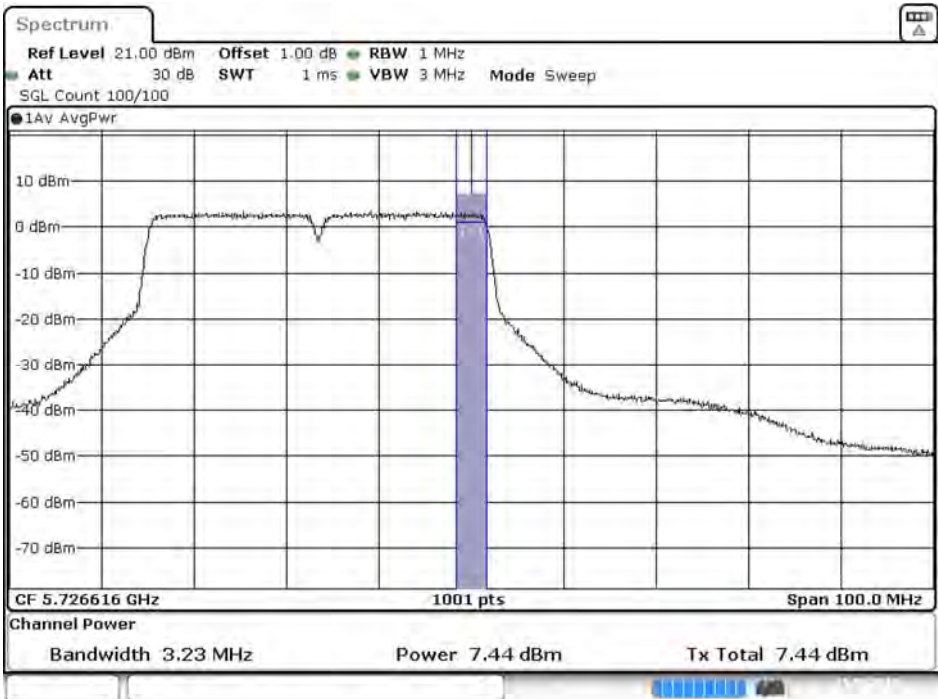


Date: 15.MAY.2019 11:34:09

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



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



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 21: 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：108 年 05 月 13 日

環境濕度：53 %

Chain A

Cable loss=1.0dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		65	130	1965	260	390	520	585	650	780	866.7
42	5210	17.68	17.63	17.59	17.54	17.49	17.45	17.40	17.37	17.31	17.27
58	5290	17.39	17.35	17.30	17.25	17.21	17.16	17.12	17.07	17.04	16.98
106	5530	16.88	--	--	--	--	--	--	--	--	--
122	5610	17.52	17.49	17.45	17.41	17.38	17.35	17.31	17.27	17.24	17.21
138 (U-NII-2C)	5690	17.82	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	0.25	--	--	--	--	--	--	--	--	--
155	5775	17.66	17.61	17.58	17.53	17.49	17.45	17.41	17.37	17.36	17.29

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

Chain B

Cable loss=1.0dB		Maximum conducted output power									
Channel No	Frequency (MHz)	Data Rate (Mbps)									
		65	130	1965	260	390	520	585	650	780	866.7
42	5210	17.63	17.59	17.55	17.51	17.48	17.43	17.39	17.36	17.32	17.27
58	5290	17.56	17.51	17.48	17.43	17.39	17.35	17.32	17.27	17.24	17.19
106	5530	16.98	--	--	--	--	--	--	--	--	--
122	5610	17.55	17.51	17.48	17.43	17.40	17.37	17.33	17.30	17.27	17.23
138 (U-NII-2C)	5690	17.53	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	0.29	--	--	--	--	--	--	--	--	--
155	5775	17.51	17.48	17.45	17.42	17.39	17.35	17.33	17.30	17.28	17.25

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

Maximum conducted output power Measurement:

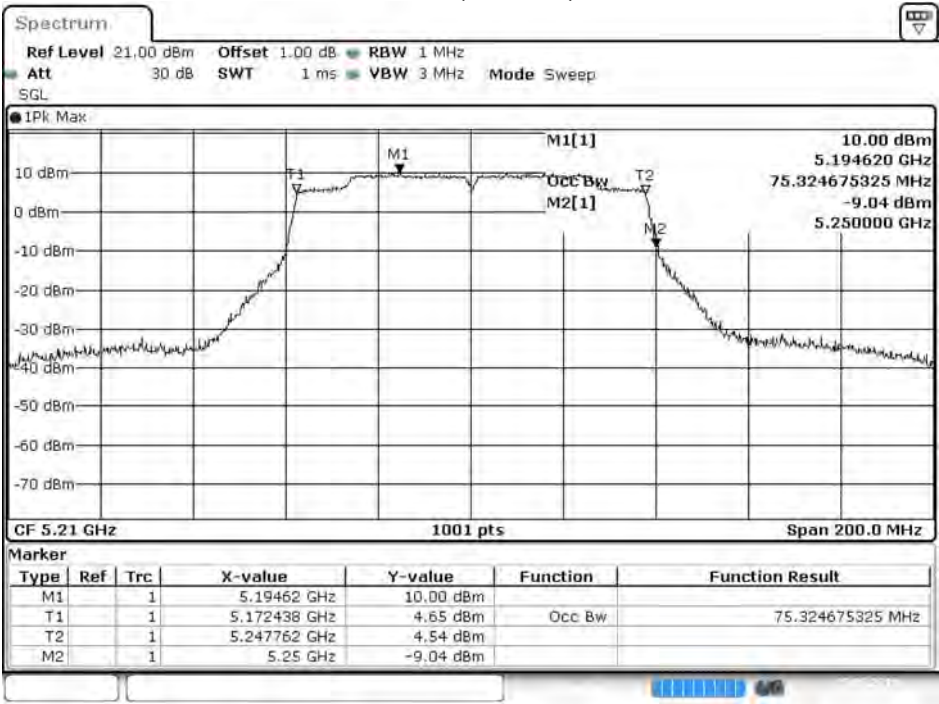
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
42	5210	--	17.68	17.63	20.67	24	--
58	5290	75.124	17.39	17.56	20.49	24	29.76
106	5530	75.124	16.88	16.98	19.94	24	29.76
122	5610	74.925	17.52	17.55	20.55	24	29.75
138 (U-NII-2C)	5690	72.663	17.82	17.53	20.69	24	29.61
138 (U-NII-3)	5690	--	0.25	0.29	3.28	30	--
155	5775	--	17.66	17.51	20.60	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.

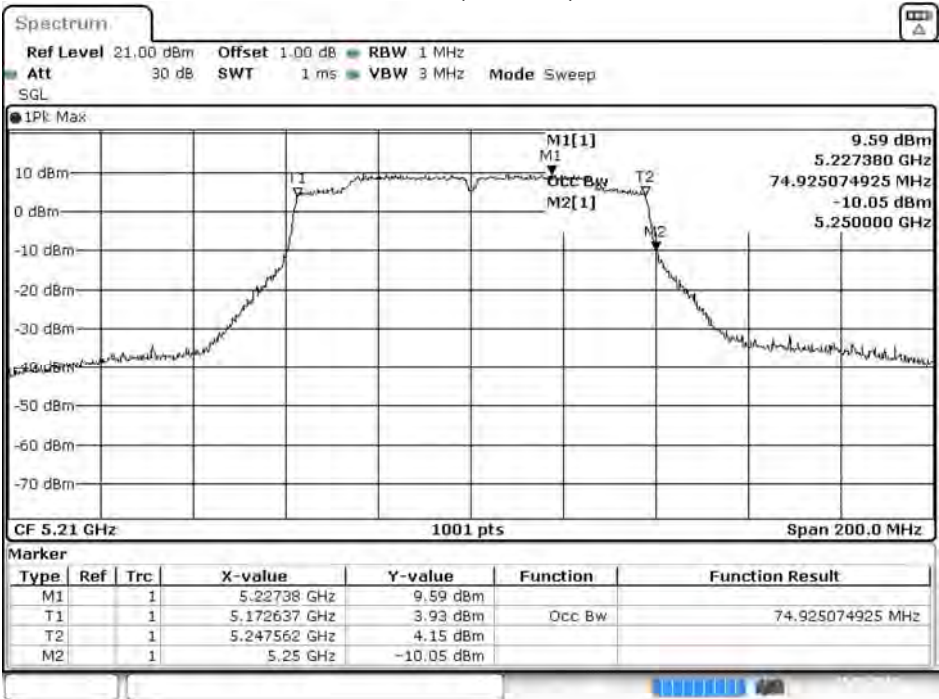
99% Occupied Bandwidth:

Channel 42 (Chain A)

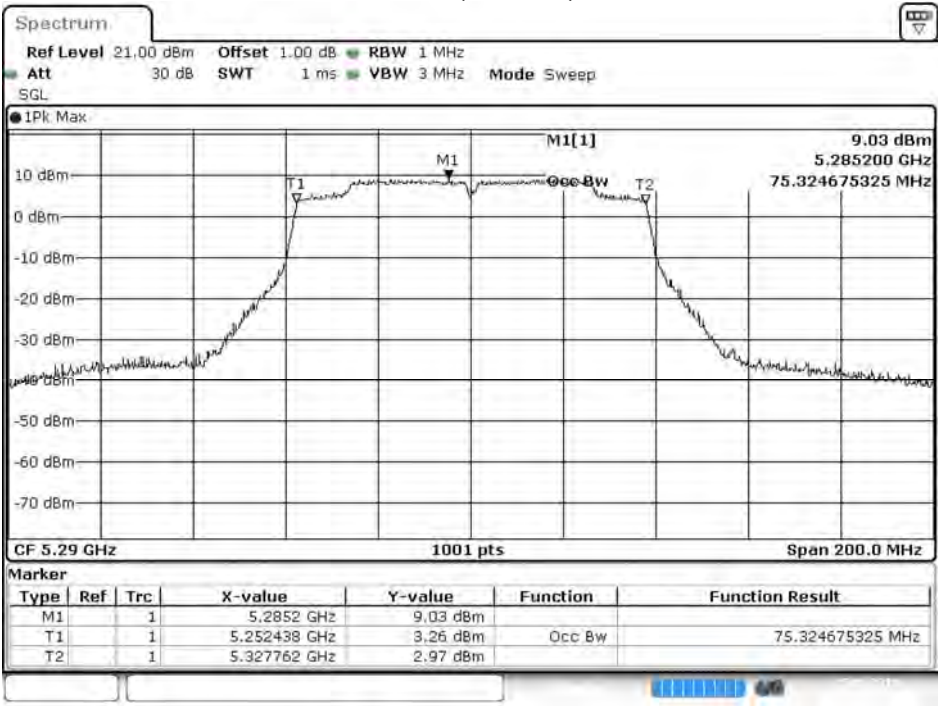


Date: 15.MAY.2019 11:35:39

Channel 42 (Chain B)

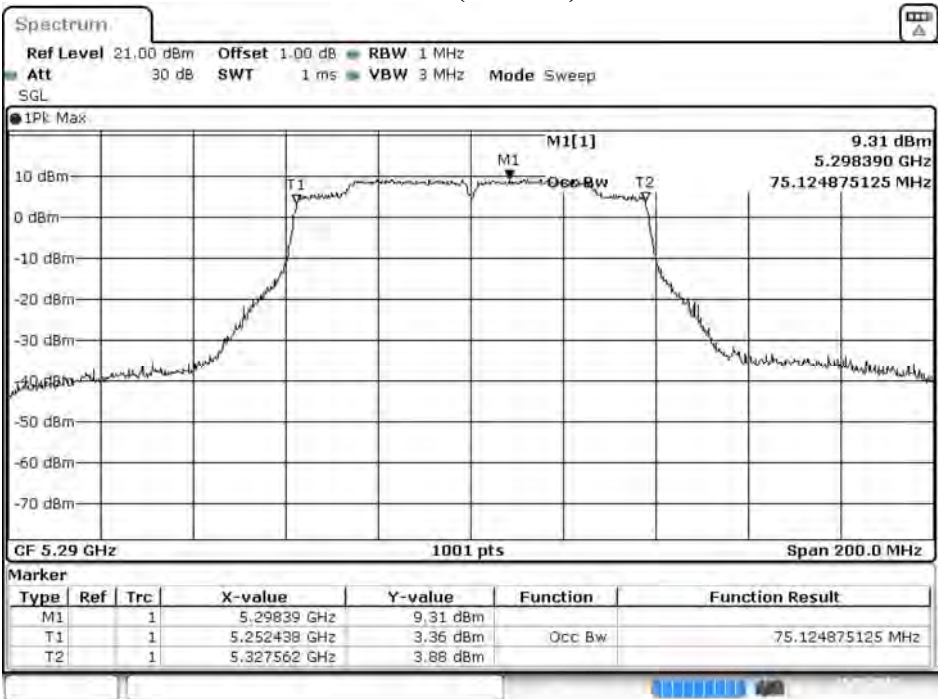


Channel 58 (Chain A)

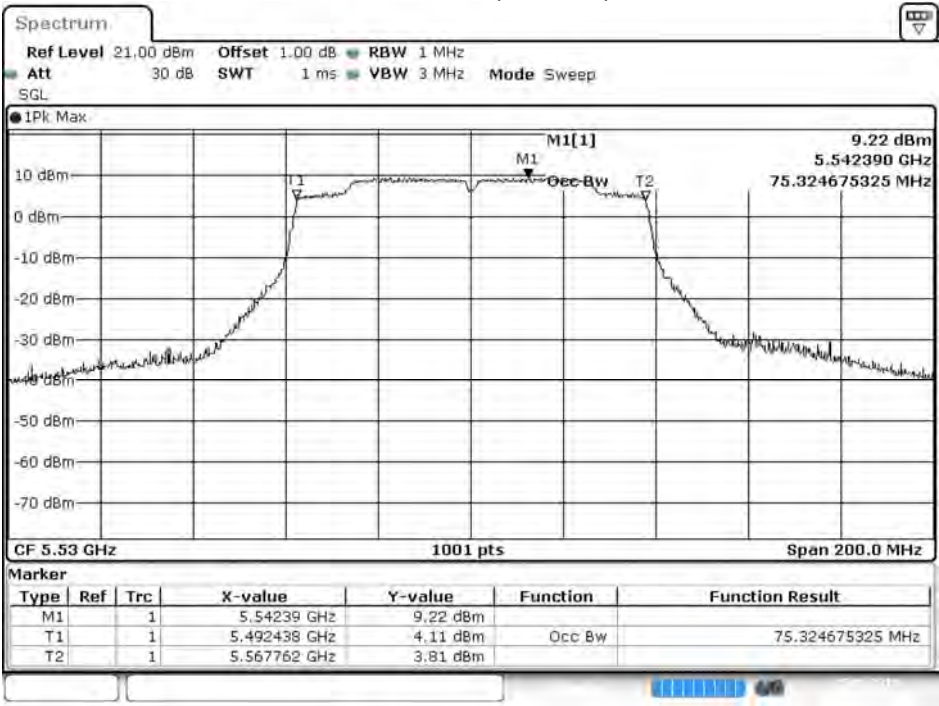


Date: 15.MAY.2019 11:37:39

Channel 58 (Chain B)

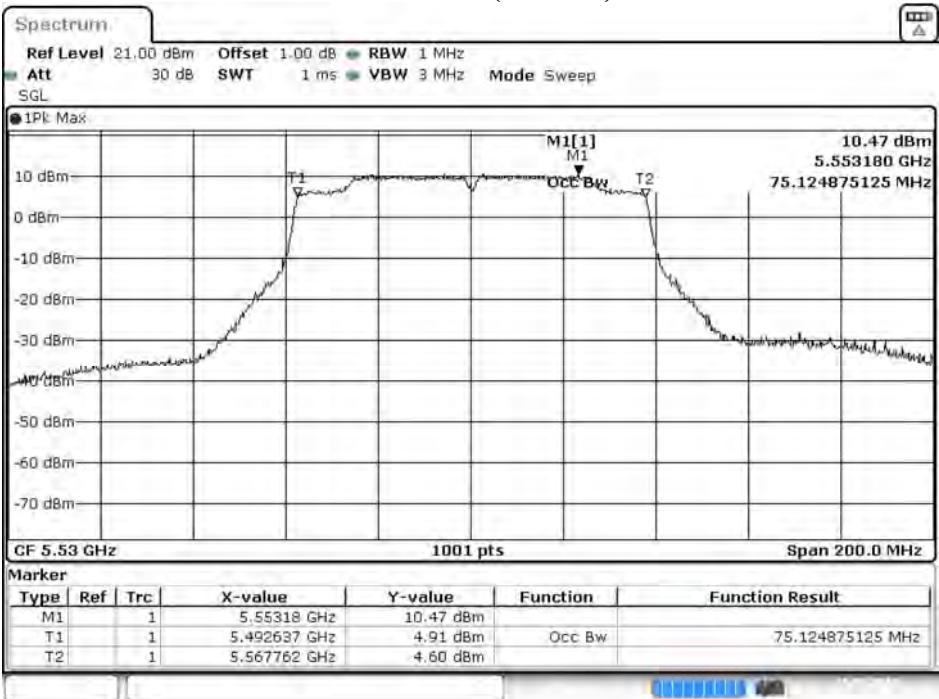


Channel 106 (Chain A)

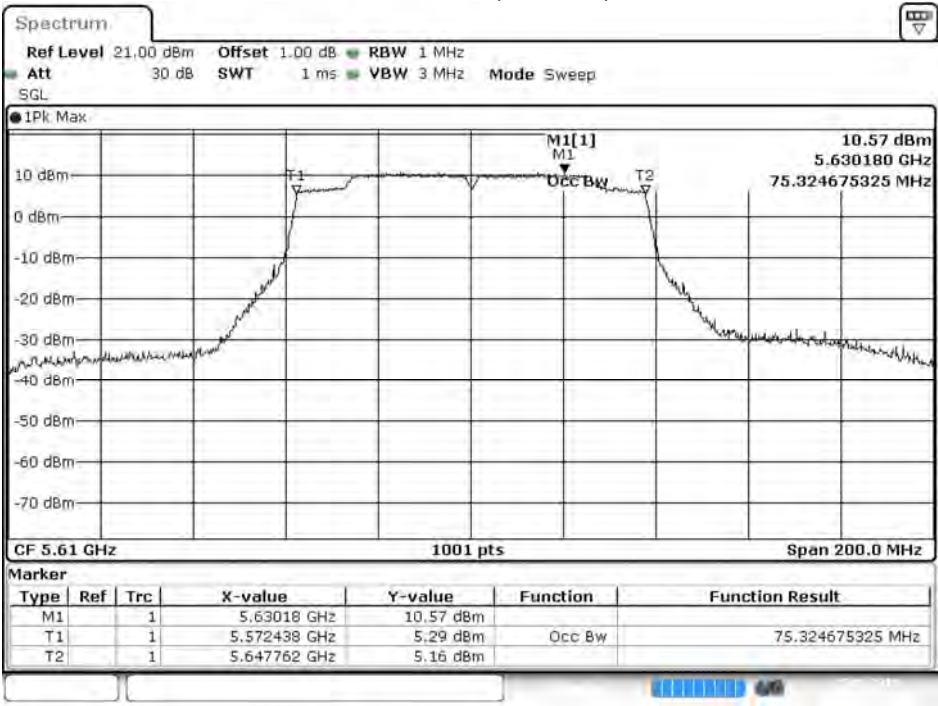


Date: 15.MAY.2019 11:39:46

Channel 106 (Chain B)

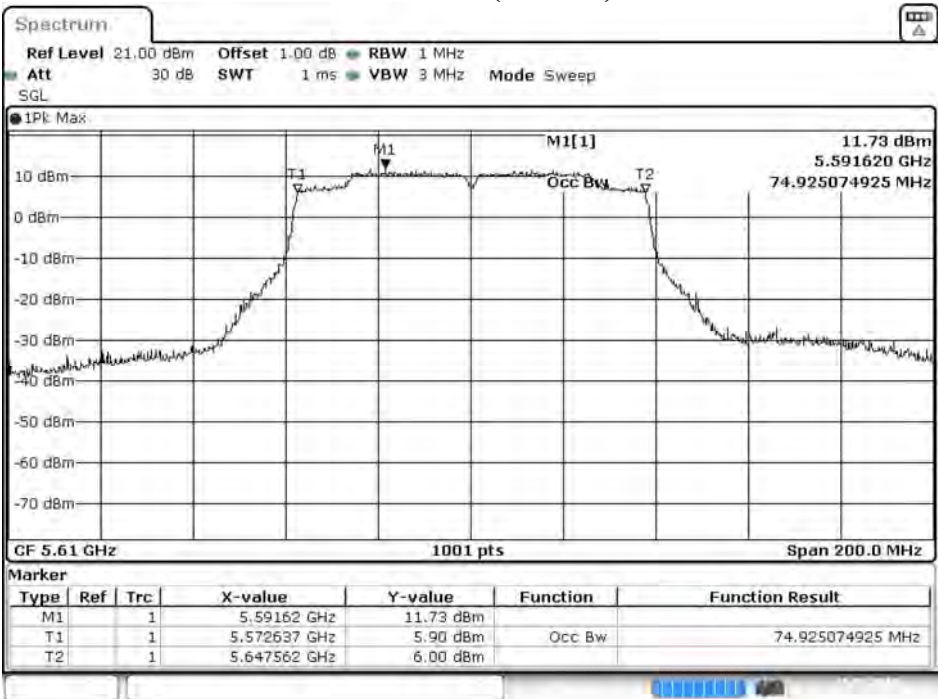


Channel 122 (Chain A)

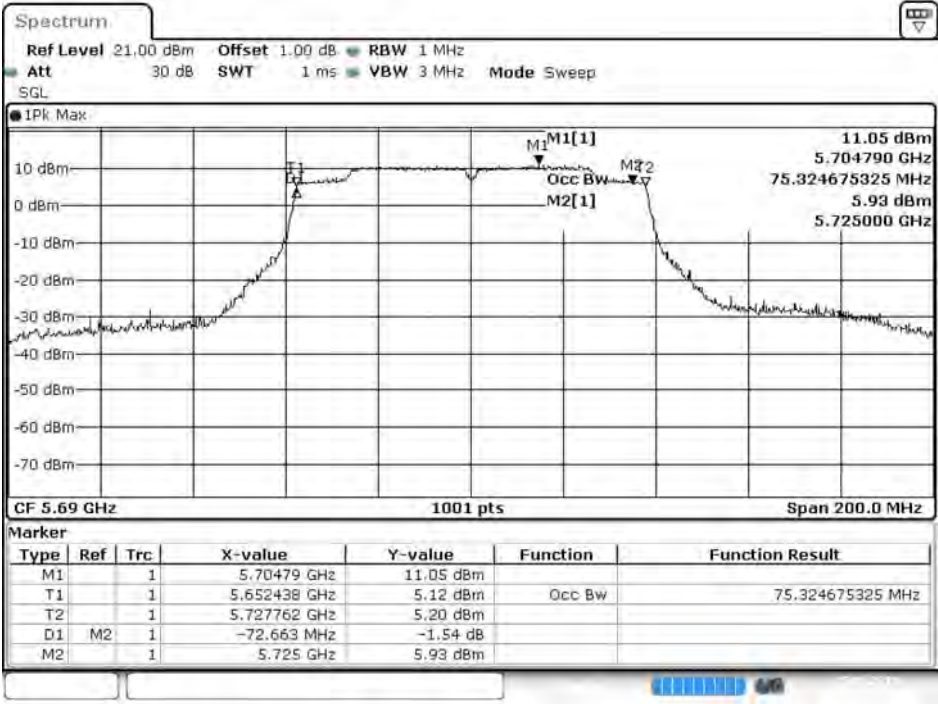


Date: 15.MAY.2019 11:41:44

Channel 122 (Chain B)

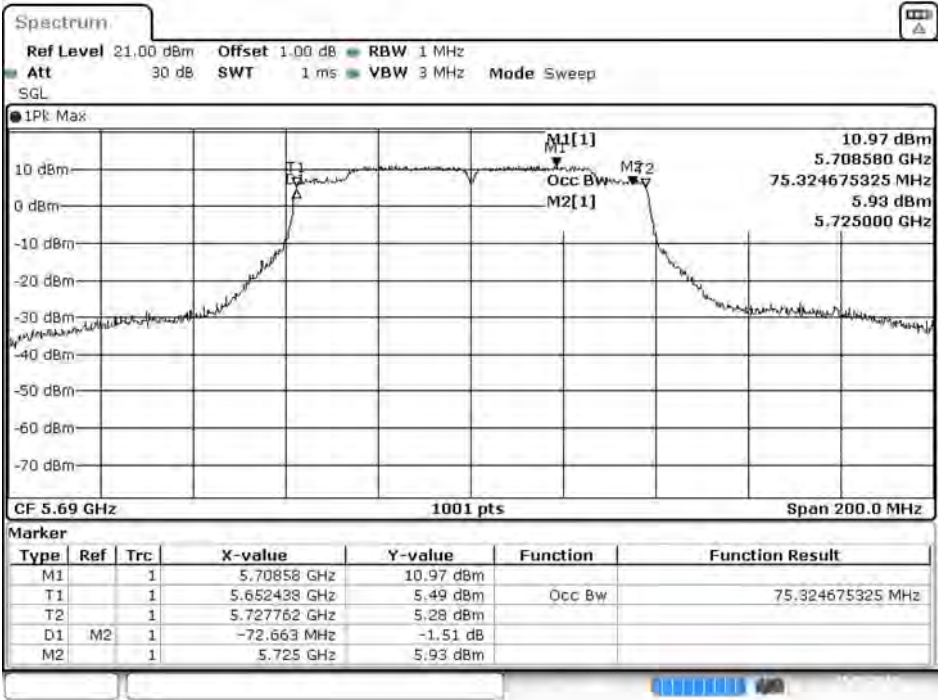


Channel 138 (Chain A)

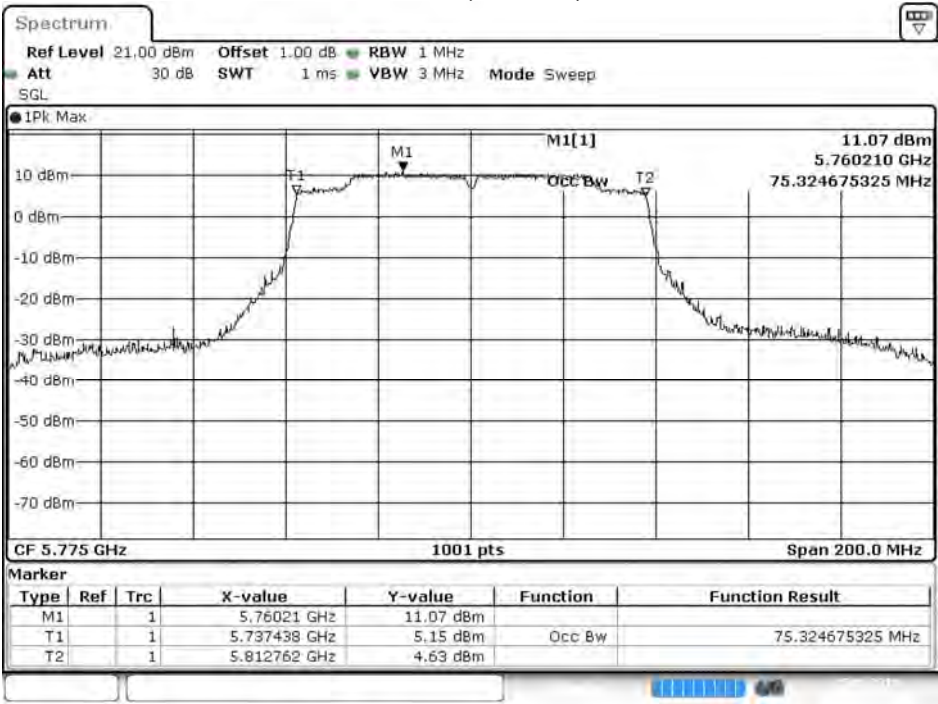


Date: 15.MAY.2019 11:43:51

Channel 138 (Chain B)

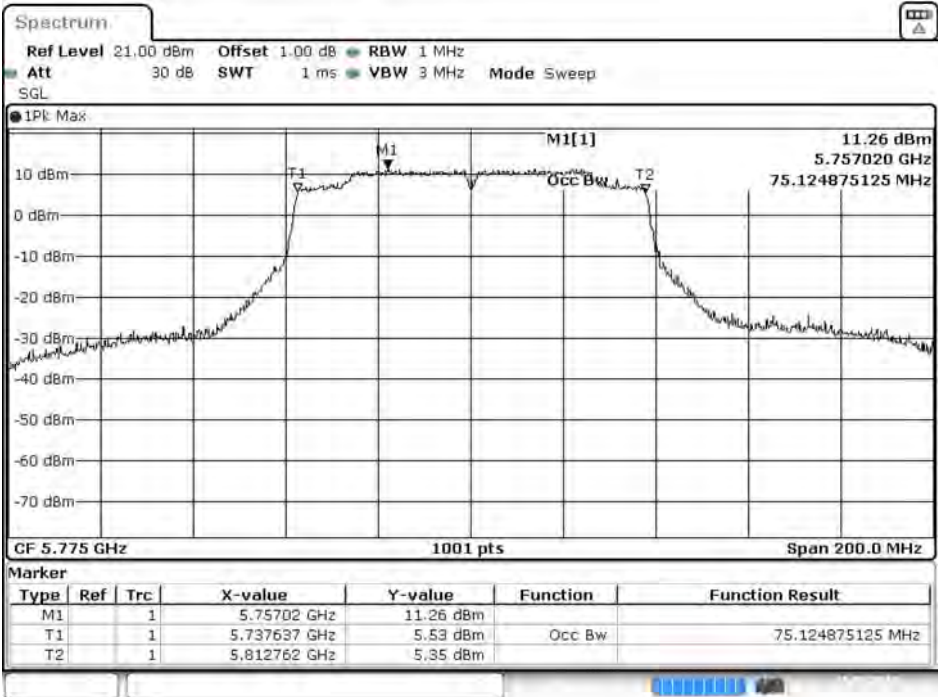


Channel 155 (Chain A)

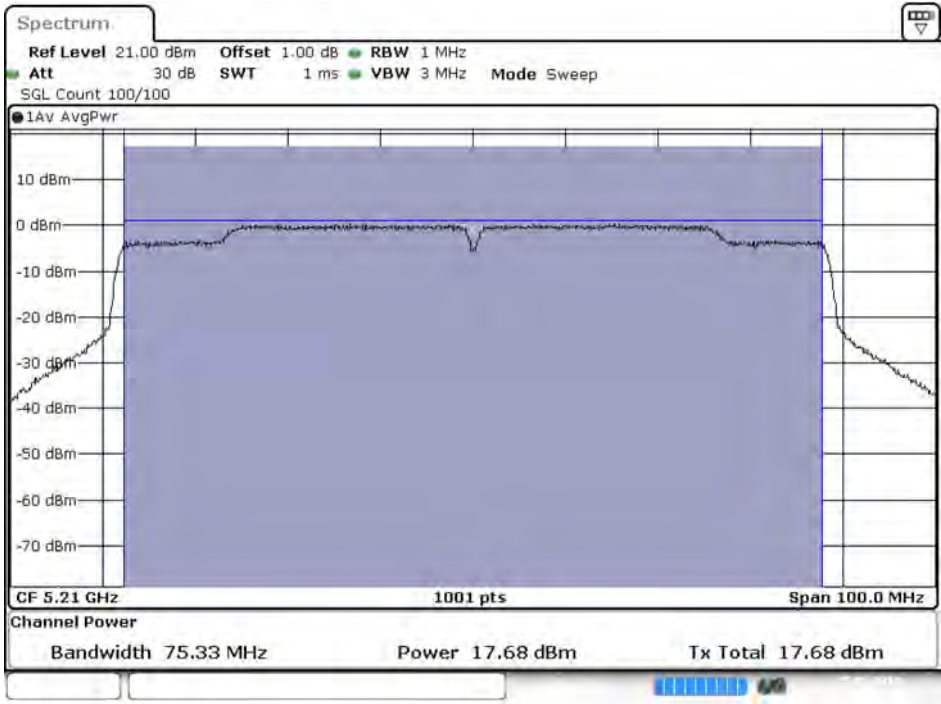


Date: 15.MAY.2019 11:46:33

Channel 155 (Chain B)

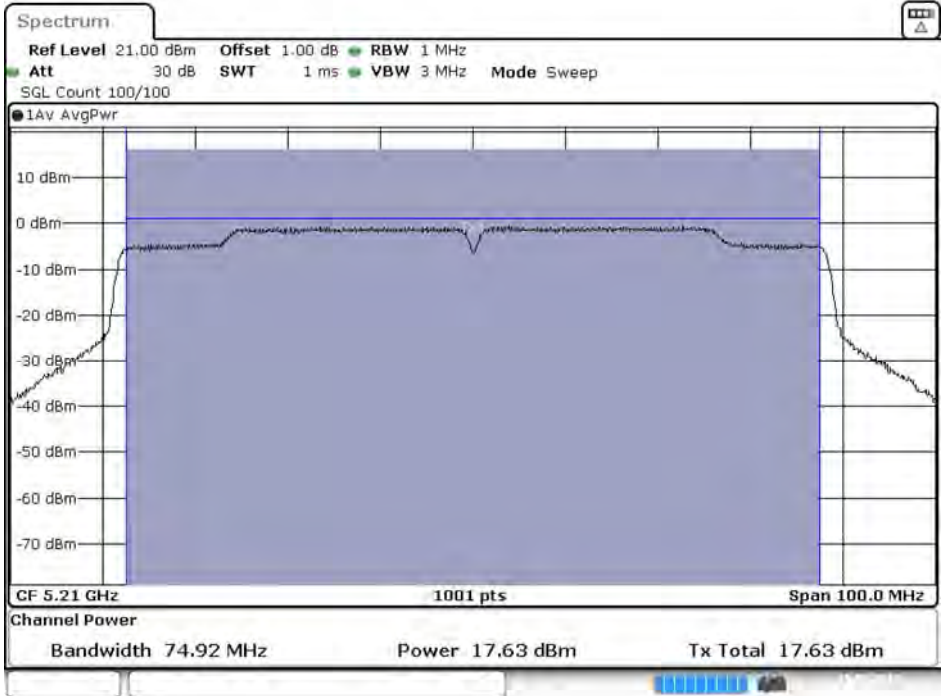


Maximum conducted output power:
Channel 42 (Chain A)

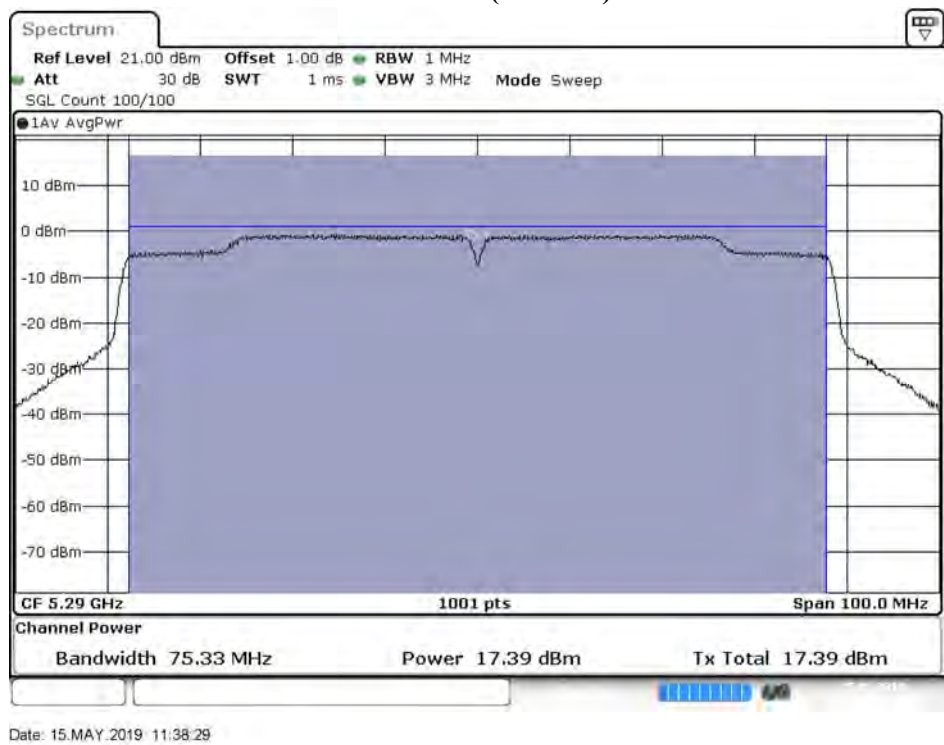


Date: 15.MAY.2019 11:36:28

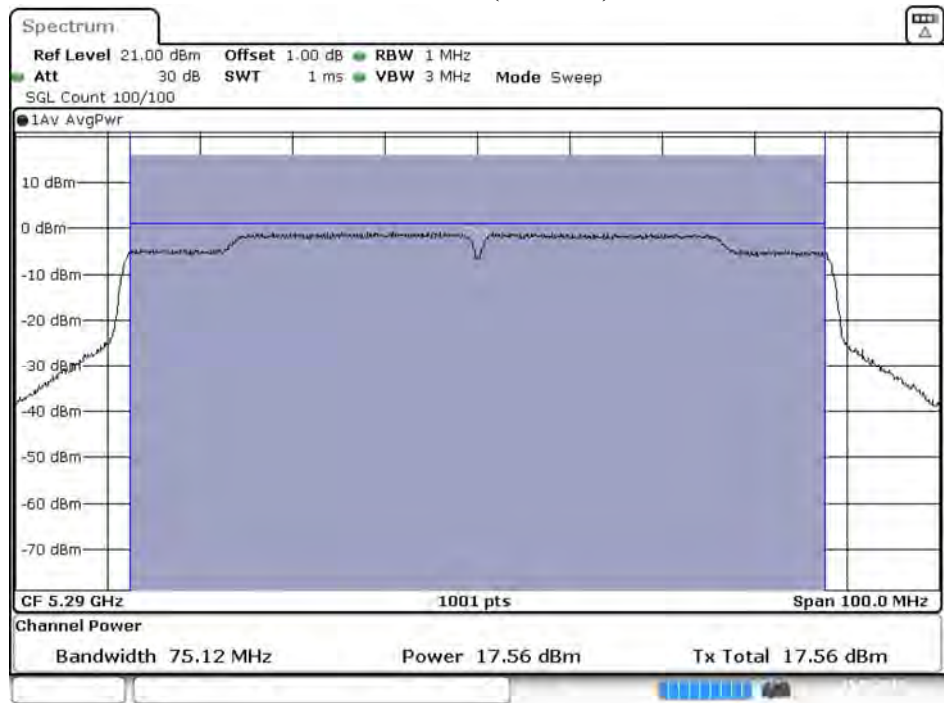
Maximum conducted output power:
Channel 42 (Chain B)



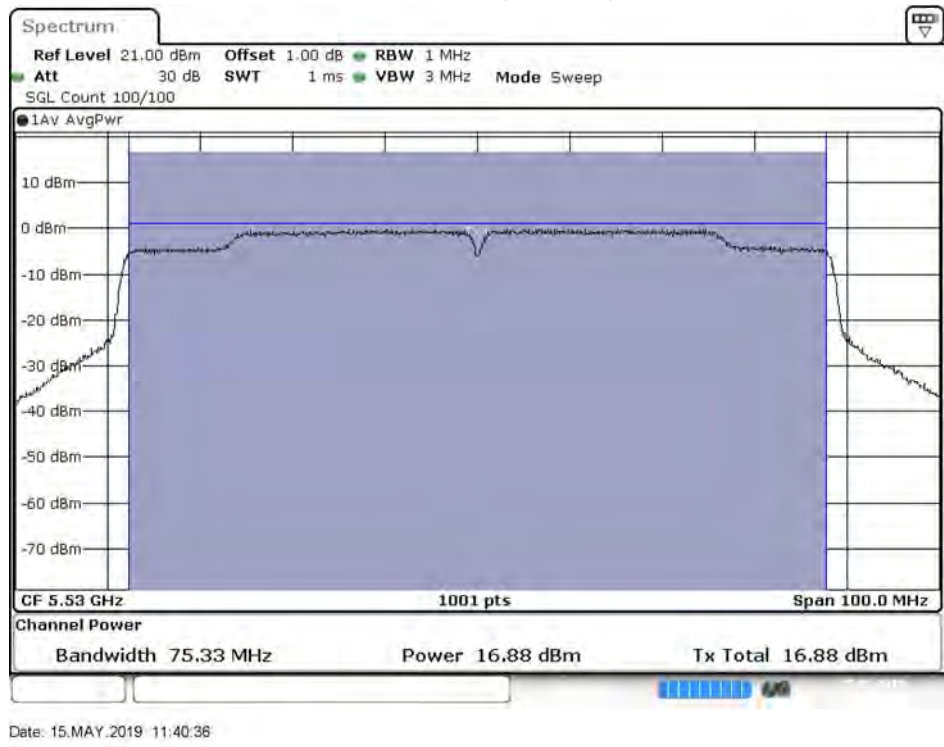
Maximum conducted output power:
Channel 58 (Chain A)



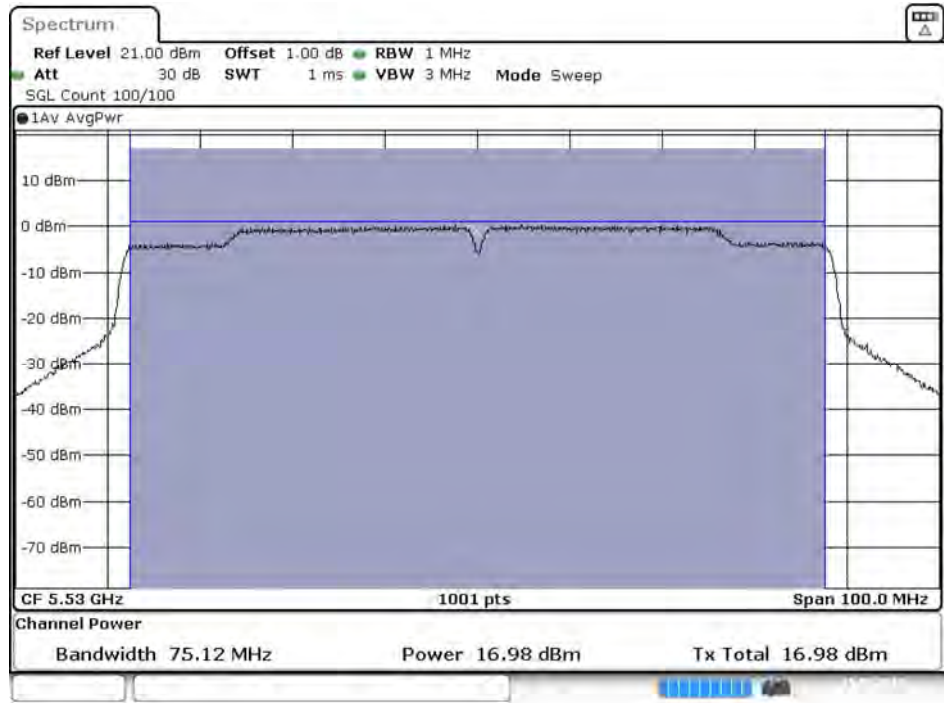
Maximum conducted output power:
Channel 58 (Chain B)



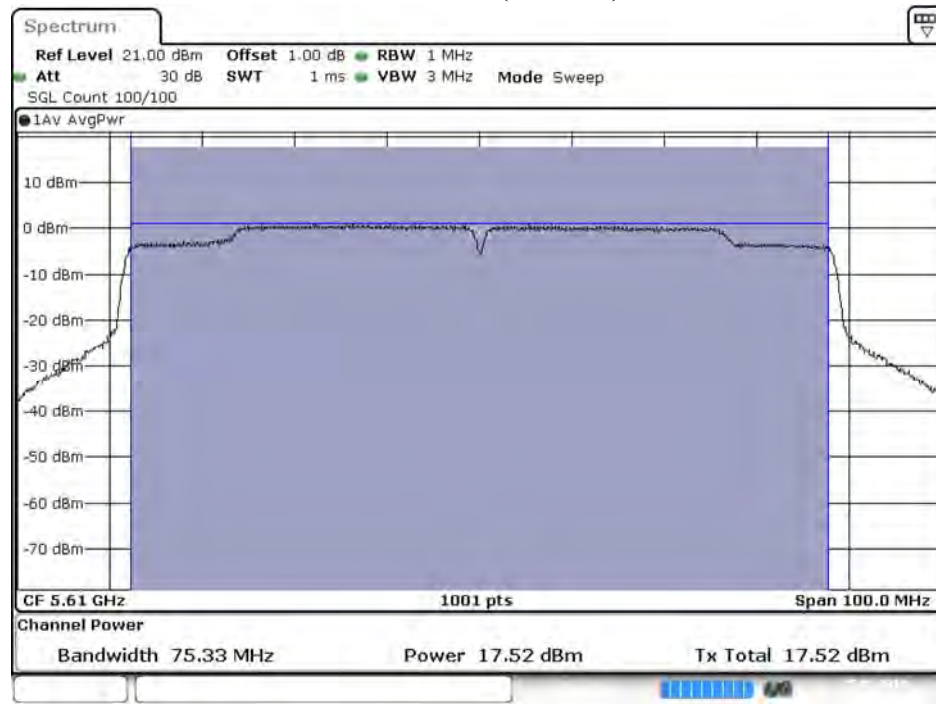
Maximum conducted output power:
Channel 106 (Chain A)



Maximum conducted output power:
Channel 106 (Chain B)

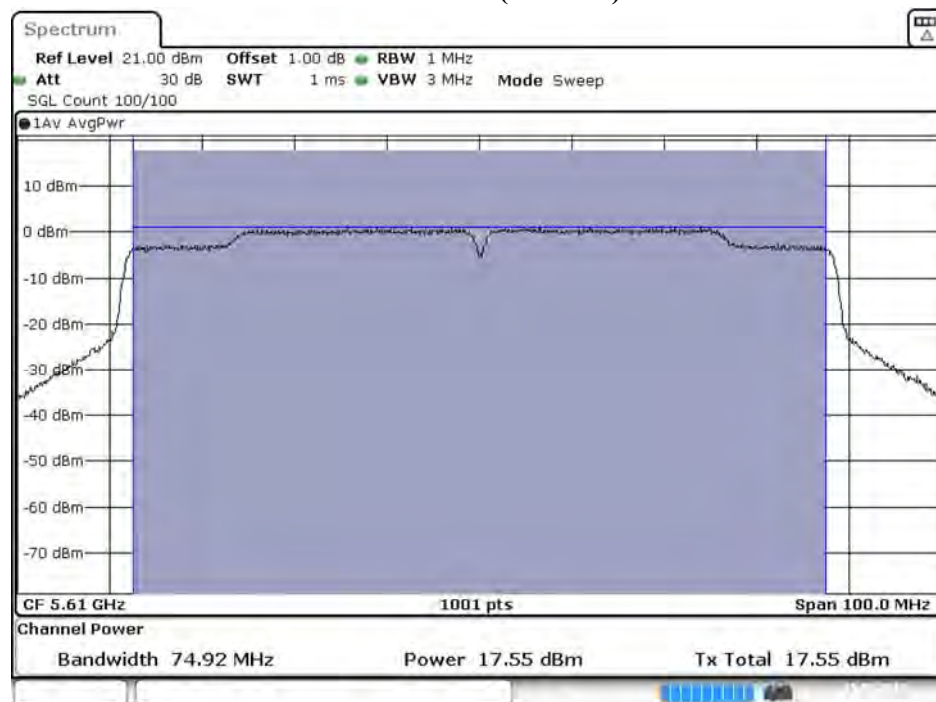


Maximum conducted output power:
Channel 122 (Chain A)

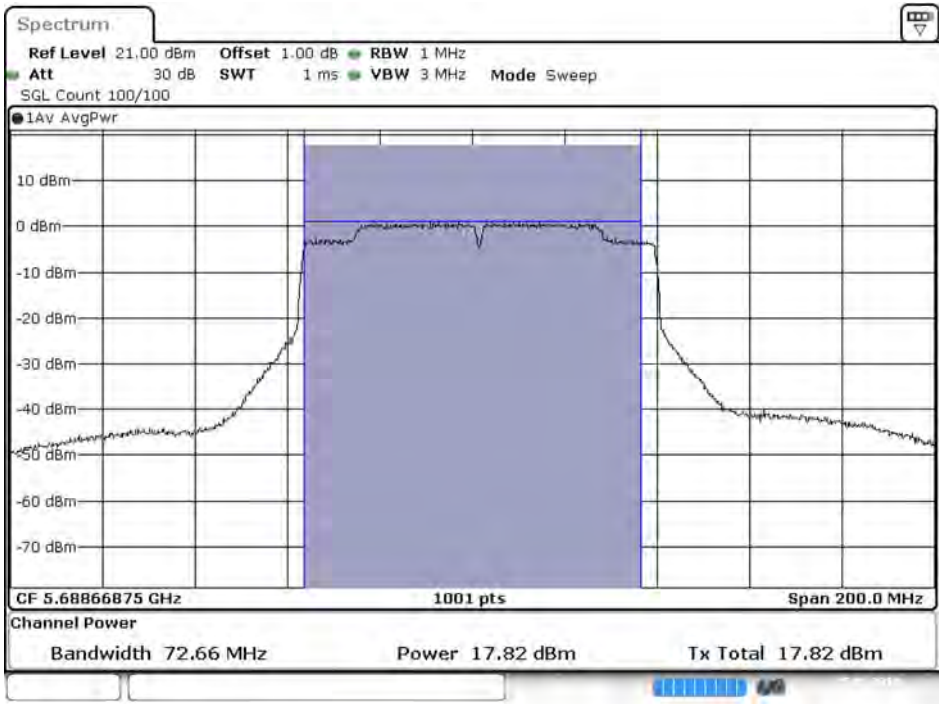


Date: 15.MAY.2019 11:42:34

Maximum conducted output power:
Channel 122 (Chain B)

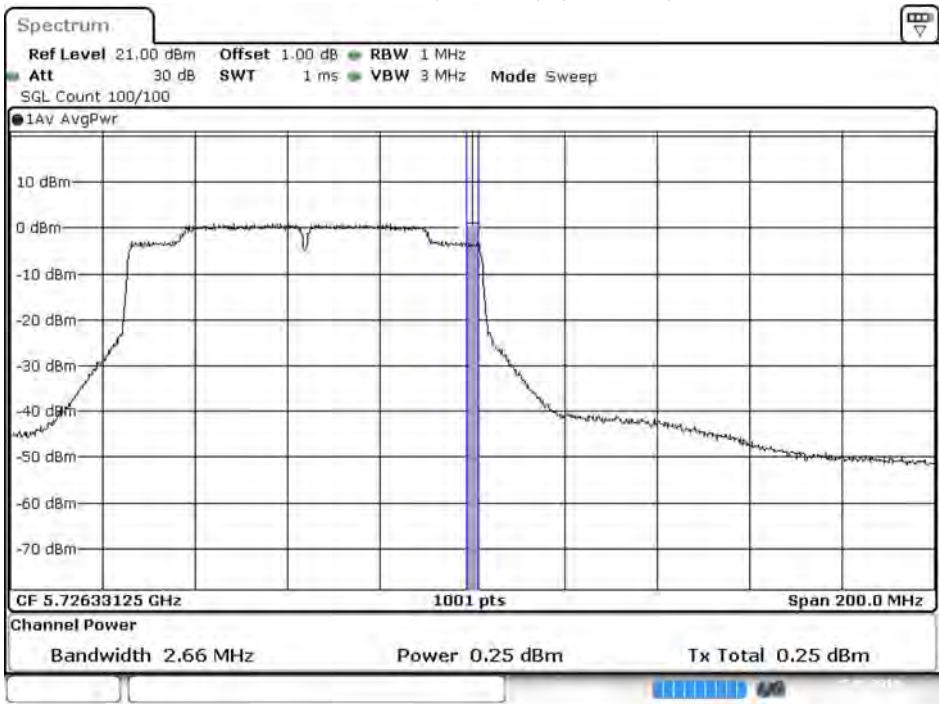


Maximum conducted output power:
Channel 138 (U-NII-2C) (Chain A)



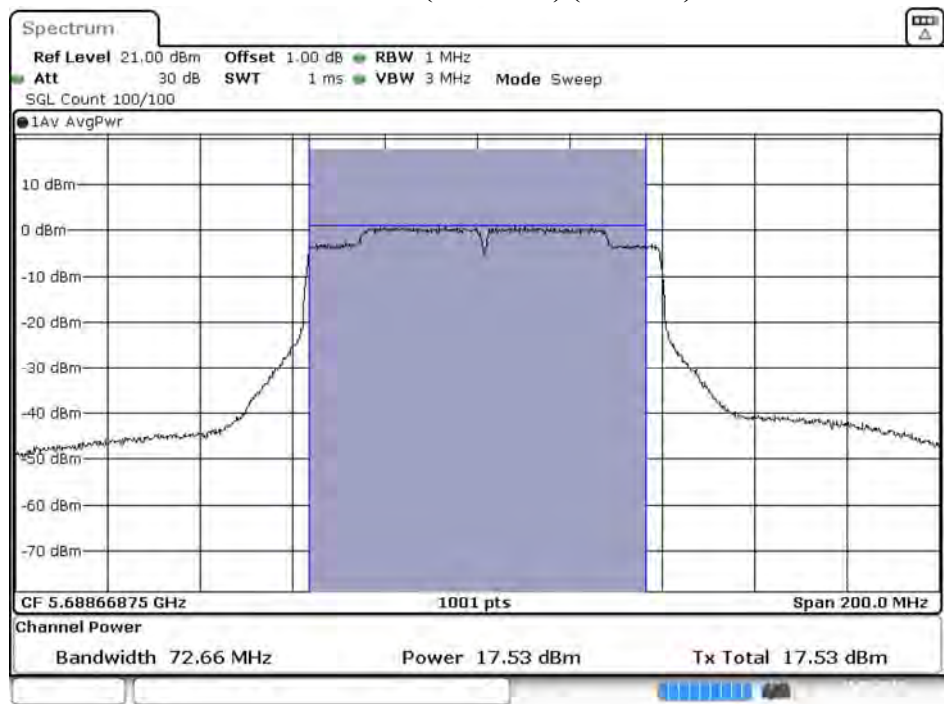
Date: 15.MAY.2019 11:44:41

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

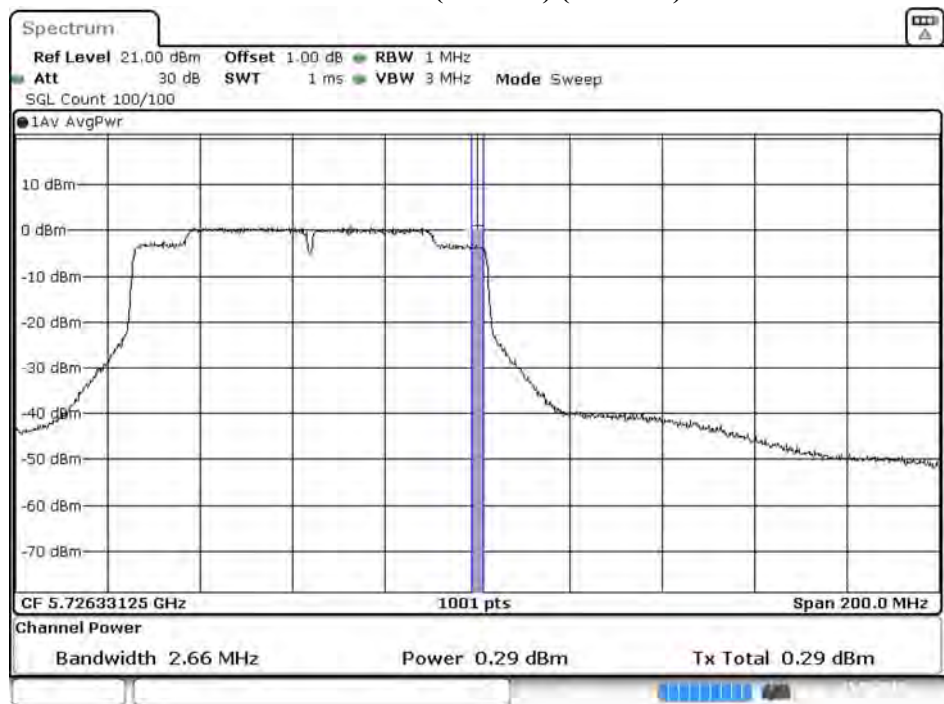


Date: 15.MAY.2019 11:45:29

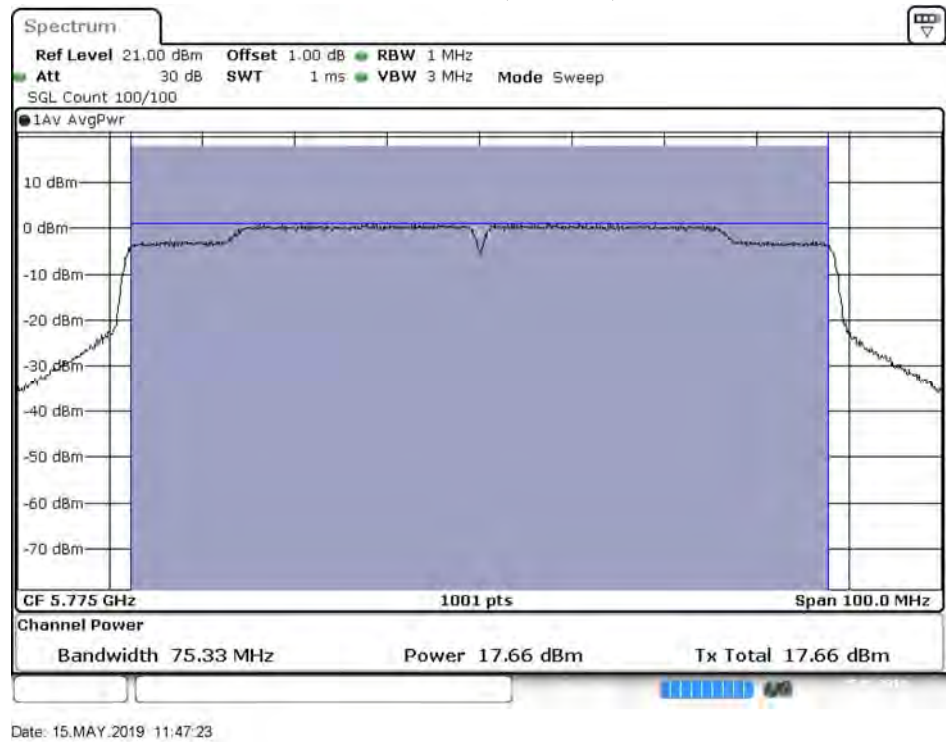
Maximum conducted output power:
Channel 138 (U-NII-2C) (Chain B)



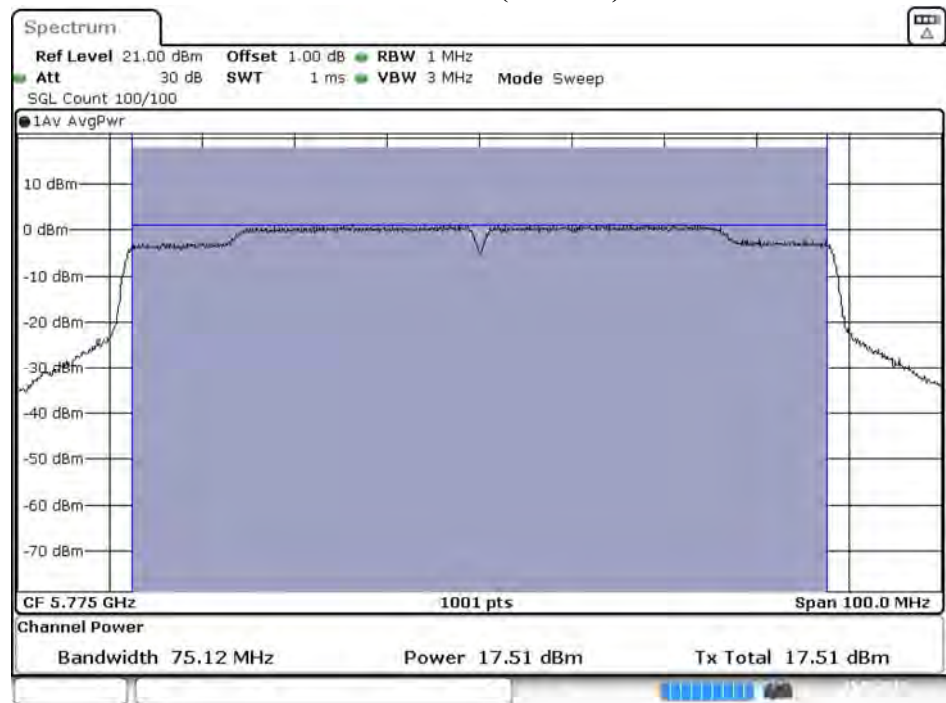
Maximum conducted output power:
Channel 138 (U-NII-3) (Chain B)



Maximum conducted output power:
Channel 155 (Chain A)



Maximum conducted output power:
Channel 155 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 22: 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：108 年 05 月 13 日

環境濕度：53 %

Chain A

Cable loss=1.0dB		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	11.50	11.48	11.43	11.40	11.37	11.32	11.29	11.26	11.22	11.19
50 (U-NII-2A)	5250	11.52	11.49	11.45	11.41	11.38	11.35	11.31	11.27	11.24	11.21
114	5570	15.72	15.68	15.63	15.58	15.54	15.49	15.45	15.41	15.36	15.32

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

Chain B

Cable loss=1.0dB		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	11.85	11.81	11.78	11.74	11.70	11.67	11.64	11.60	11.56	11.53
50 (U-NII-2A)	5250	11.89	11.85	11.81	11.78	11.73	11.69	11.64	11.61	11.58	11.54
114	5570	15.93	15.89	15.83	15.78	15.74	15.68	15.63	15.57	15.53	15.48

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

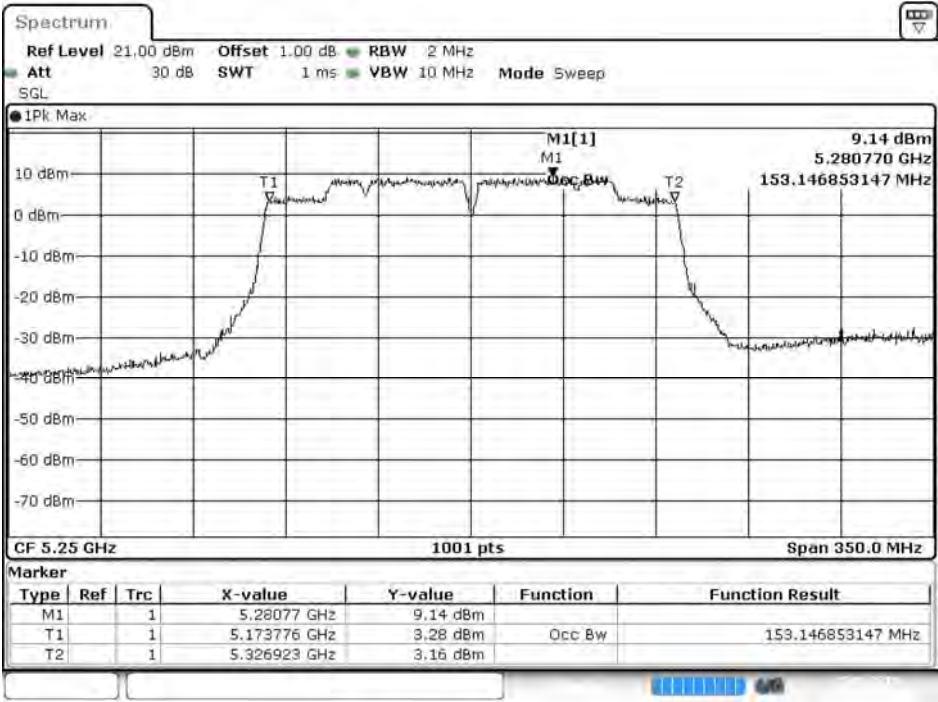
Maximum conducted output power Measurement:

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	--	11.50	11.85	14.69	24	--
50 (U-NII-2A)	5250	76.399	11.52	11.89	14.72	24	29.83
114	5570	153.496	15.72	15.93	18.84	24	32.86

Note:

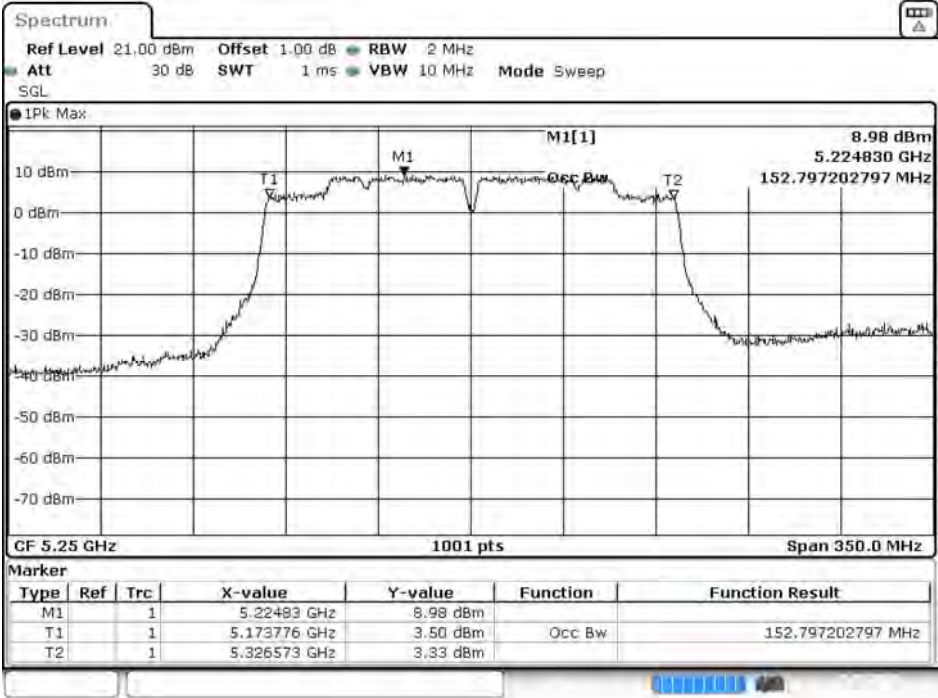
1. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
2. 99% Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

99% Occupied Bandwidth:
Channel 50 (Chain A)

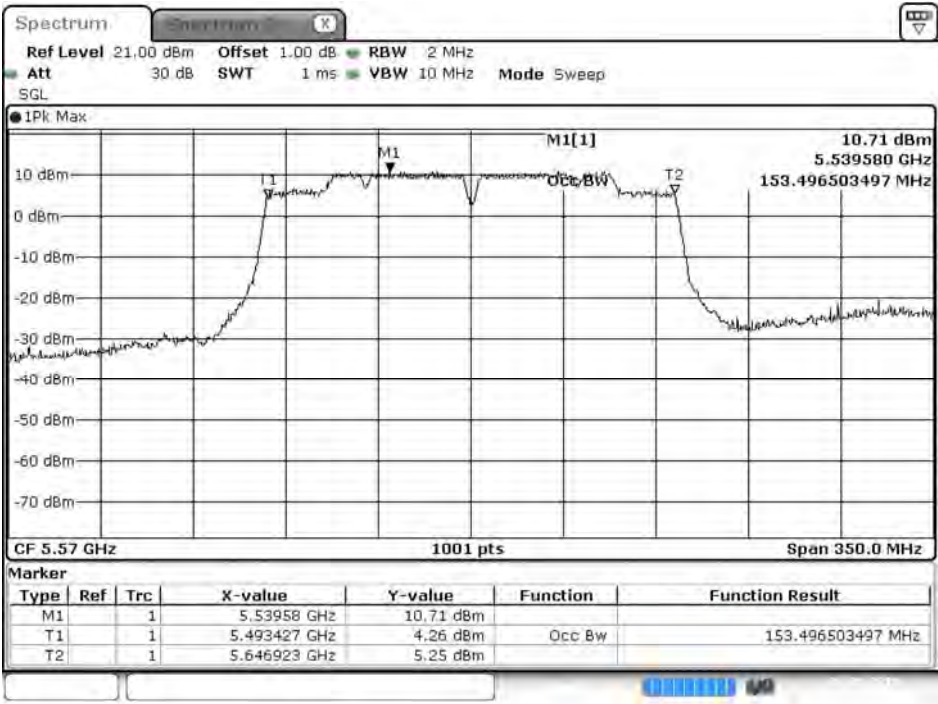


Date: 15.MAY.2019 11:23:51

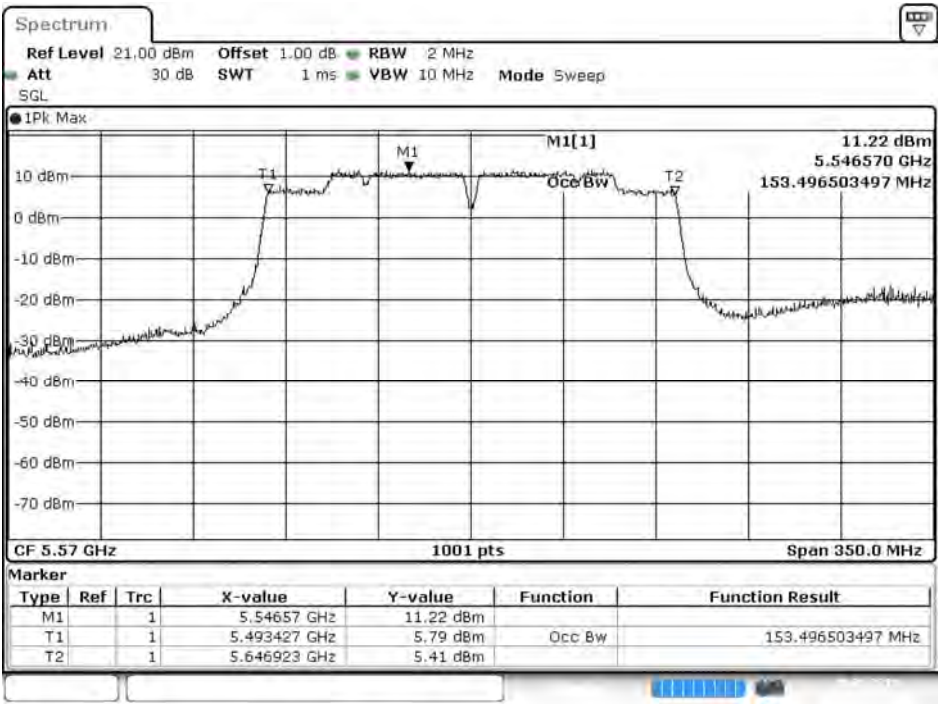
Channel 50 (Chain B)



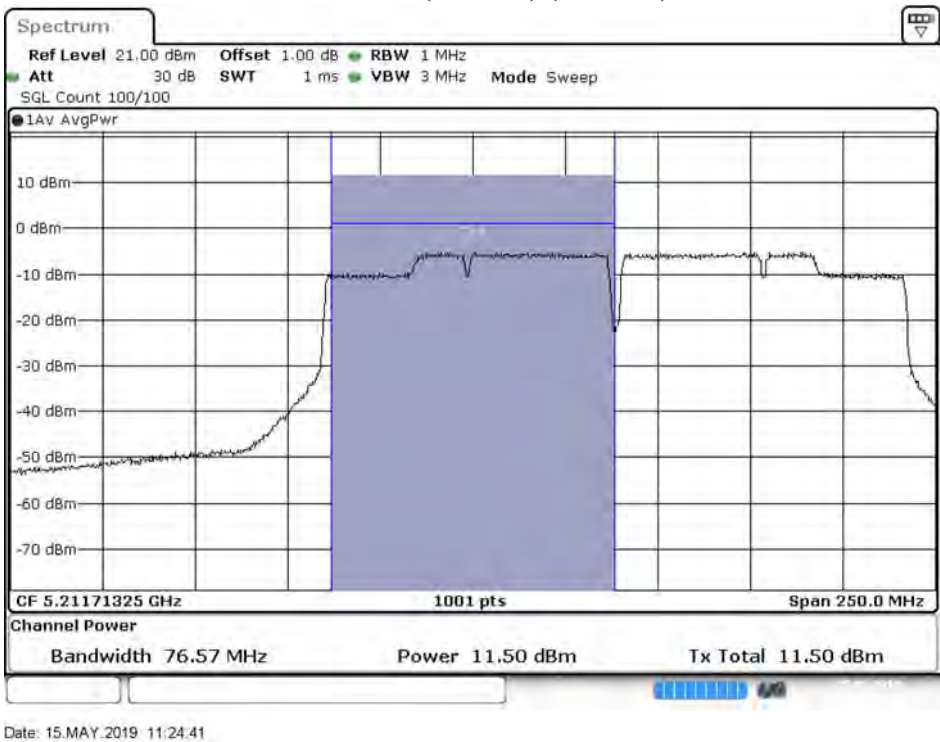
Channel 114 (Chain A)



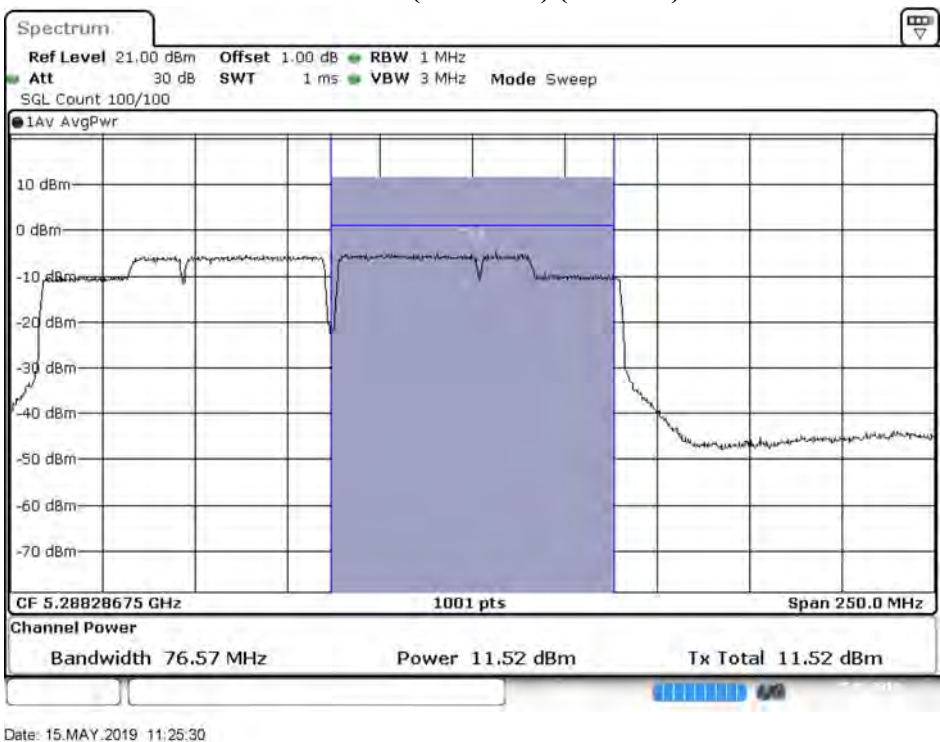
Channel 114 (Chain B)



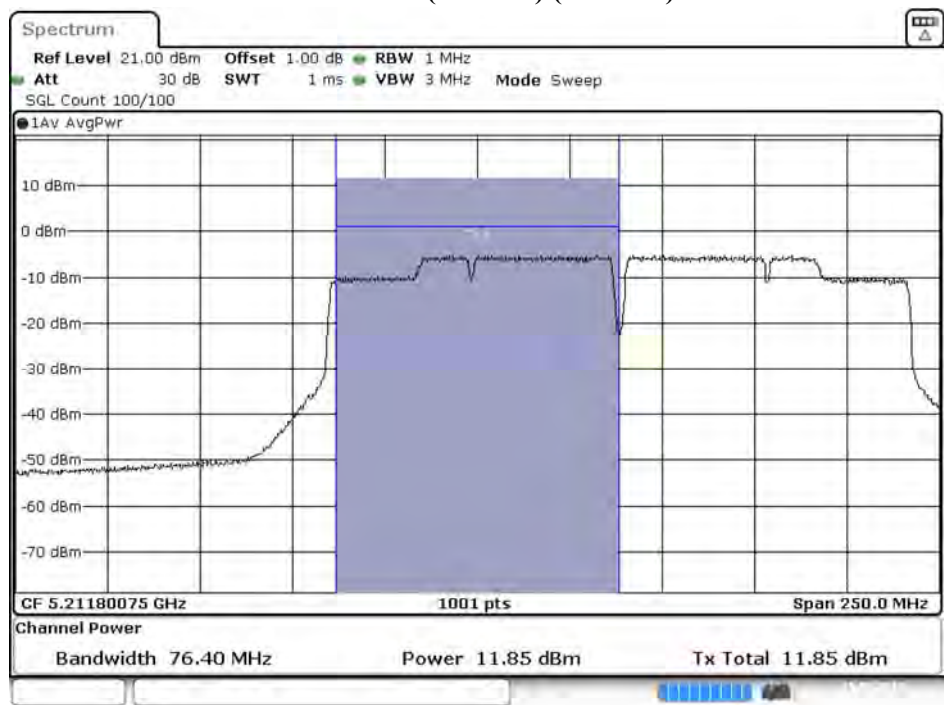
Maximum conducted output power:
Channel 50 (U-NII-1) (Chain A)



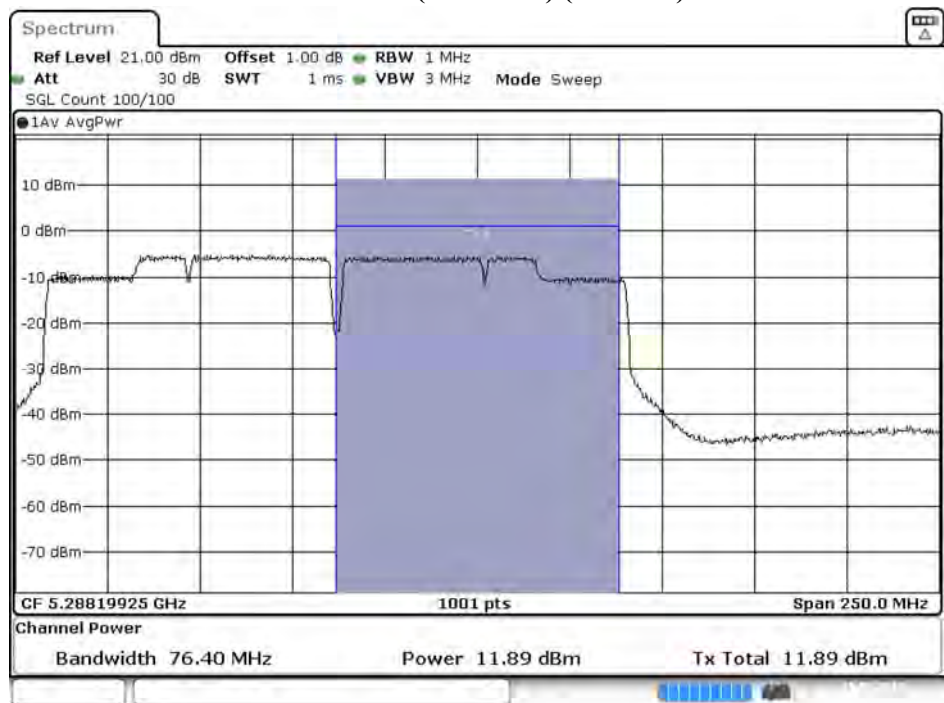
Maximum conducted output power:
Channel 50 (U-NII-2A) (Chain A)



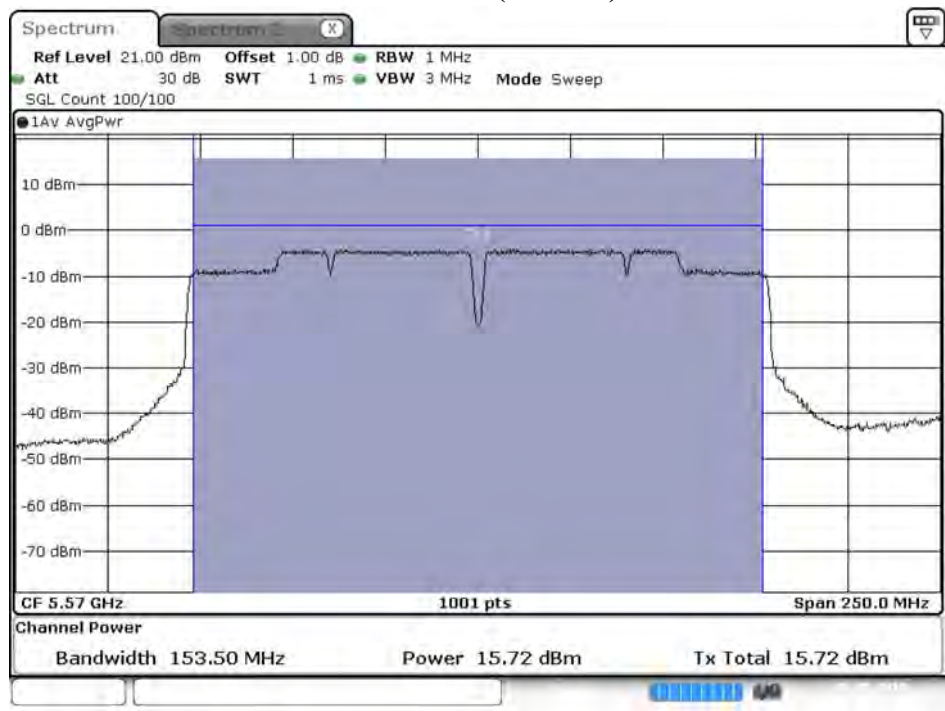
Maximum conducted output power:
Channel 50 (U-NII-1) (Chain B)



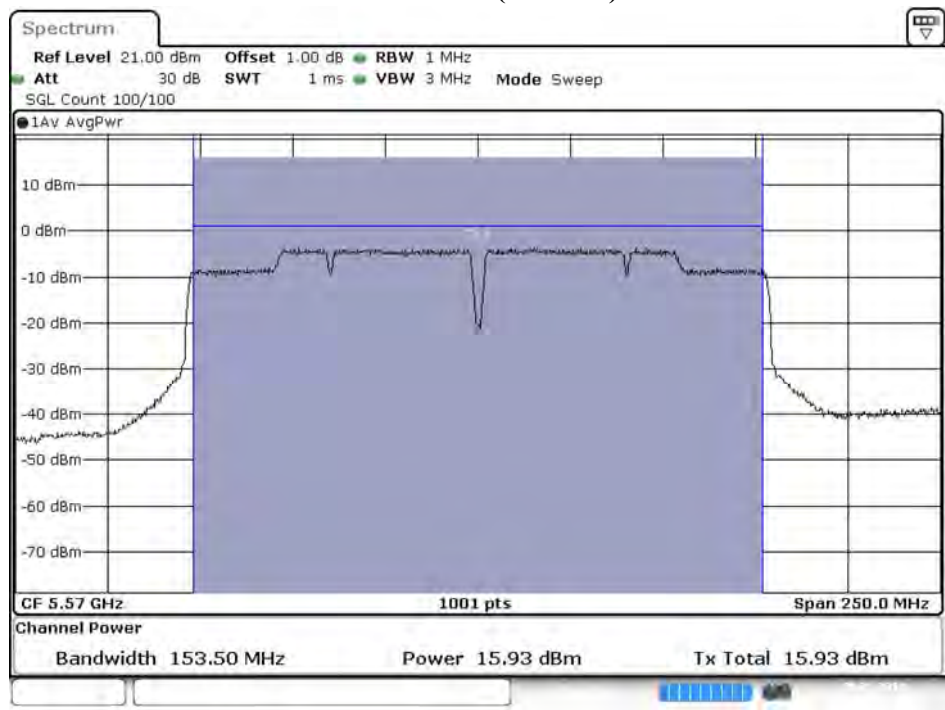
Maximum conducted output power:
Channel 50 (U-NII-2A) (Chain B)



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 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 6: SISO A: 發射器 802.11ax-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：108 年 05 月 13 日

環境濕度：53 %

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
36	5180	20.74	--	--	--	--	--	--	--	--	--	--	--
44	5220	20.87	20.84	20.81	20.77	20.73	20.68	20.63	20.57	20.53	20.46	20.43	20.37
48	5240	20.94	--	--	--	--	--	--	--	--	--	--	--
52	5260	20.92	--	--	--	--	--	--	--	--	--	--	--
60	5300	20.84	20.81	20.76	20.72	20.67	20.63	20.57	20.52	20.49	20.46	20.41	20.37
64	5320	20.76	--	--	--	--	--	--	--	--	--	--	--
100	5500	20.22	--	--	--	--	--	--	--	--	--	--	--
116	5580	20.87	20.84	20.81	20.77	20.73	20.69	20.64	20.60	20.57	20.53	20.49	20.46
140	5700	18.21	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	19.38	19.35	19.31	19.27	19.24	19.21	19.16	19.12	19.06	19.01	18.97	18.94
144(U-NII-3)	5720	14.38	14.34	14.31	14.27	14.22	14.16	14.11	14.06	14.02	13.98	13.94	13.91
149	5745	20.92	--	--	--	--	--	--	--	--	--	--	--
157	5785	20.91	20.87	20.84	20.81	20.76	20.71	20.67	20.62	20.57	20.51	20.43	20.37
165	5825	20.87	--	--	--	--	--	--	--	--	--	--	--

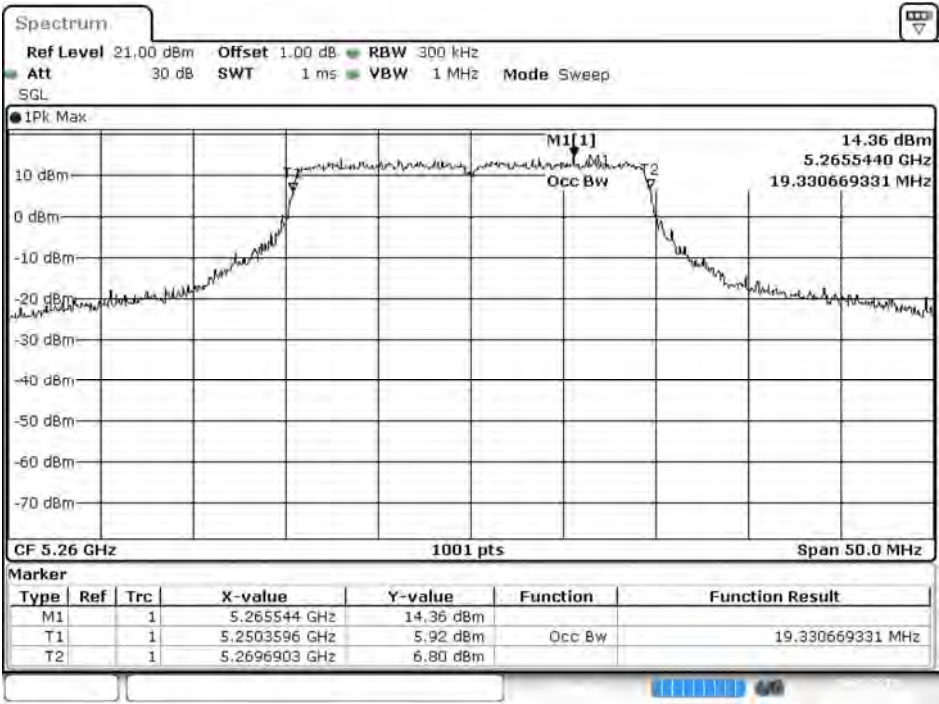
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	20.74	24	--
44	5220	--	20.87	24	--
48	5240	--	20.94	24	--
52	5260	19.330	20.92	24	23.86
60	5300	19.230	20.84	24	23.84
64	5320	19.280	20.76	24	23.85
100	5500	19.180	20.22	24	23.83
116	5580	19.280	20.87	24	23.85
140	5700	19.180	18.21	24	23.83
144(U-NII-2C)	5720	14.715	19.38	24	22.68
144(U-NII-3)	5720	--	14.38	30	--
149	5745	--	20.92	30	--
157	5785	--	20.91	30	--
165	5825	--	20.87	30	--

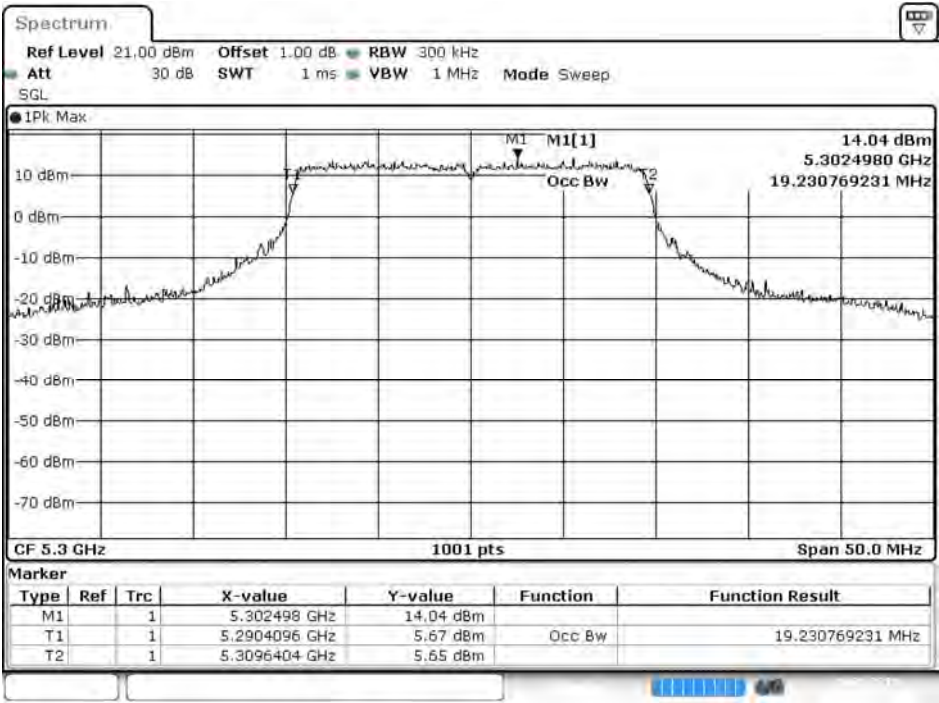
99% Occupied Bandwidth:

Channel 52



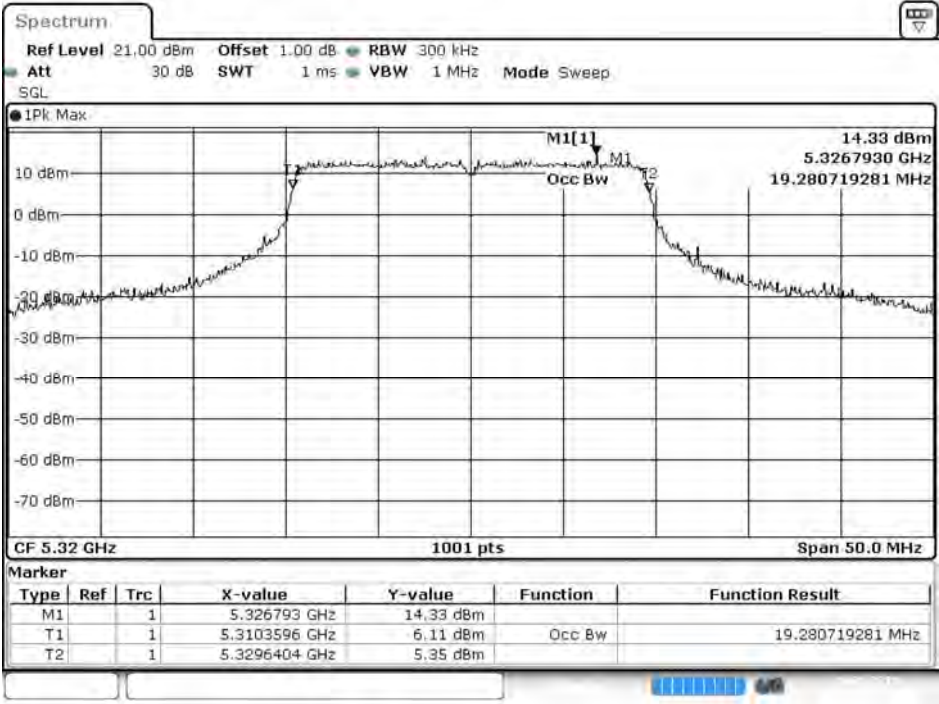
Date: 14.MAY.2019 12:44:18

Channel 60



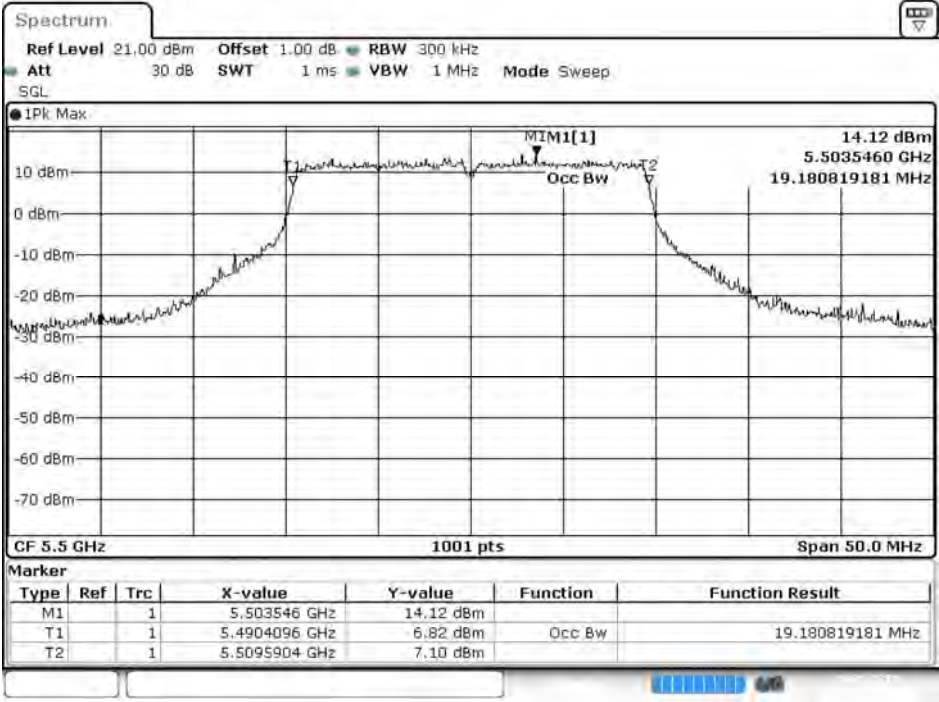
Date: 14.MAY.2019 12:44:52

Channel 64



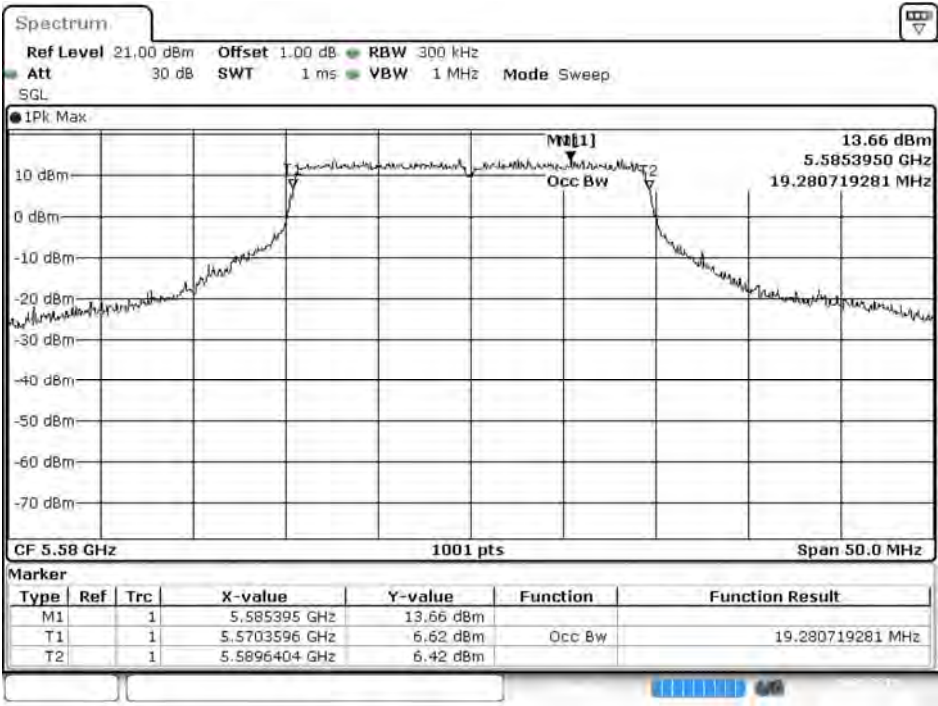
Date: 14.MAY.2019 12:45:30

Channel 100



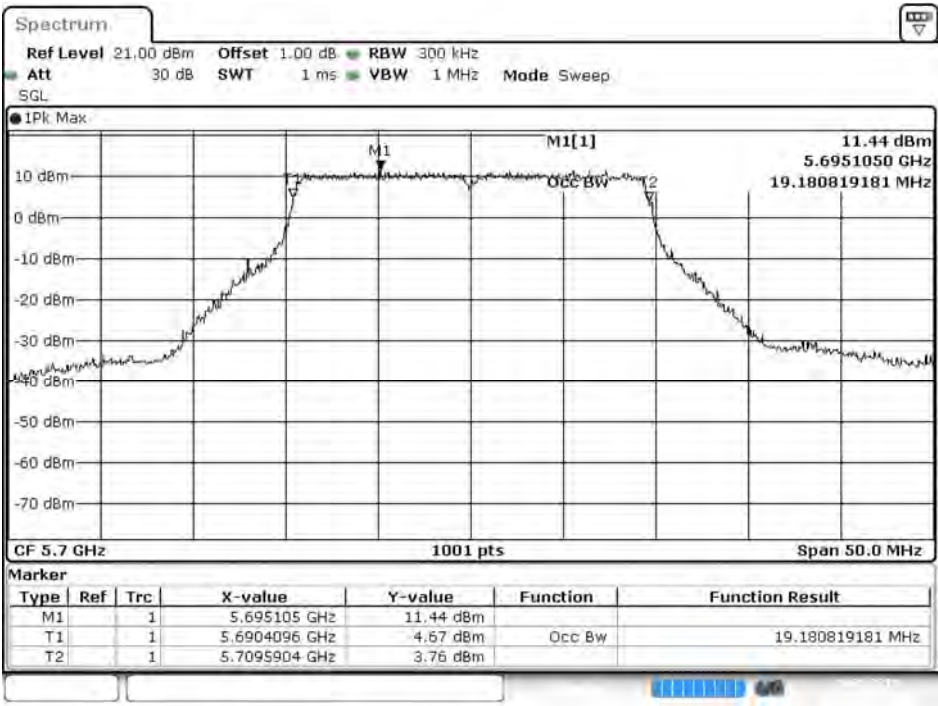
Date: 14.MAY.2019 12:46:08

Channel 116



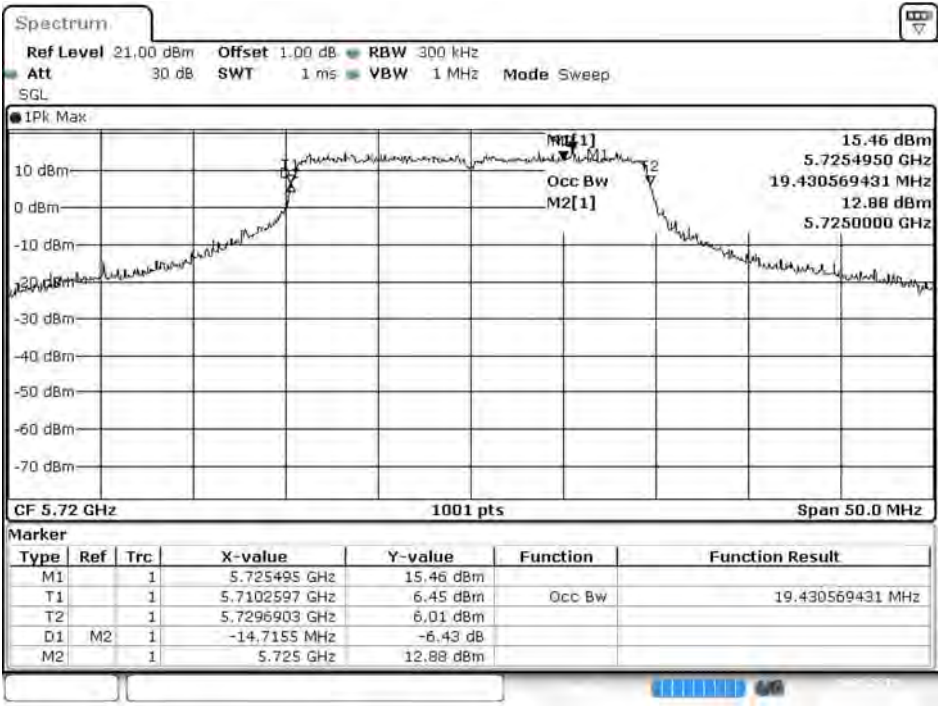
Date: 14.MAY.2019 12:46:45

Channel 140



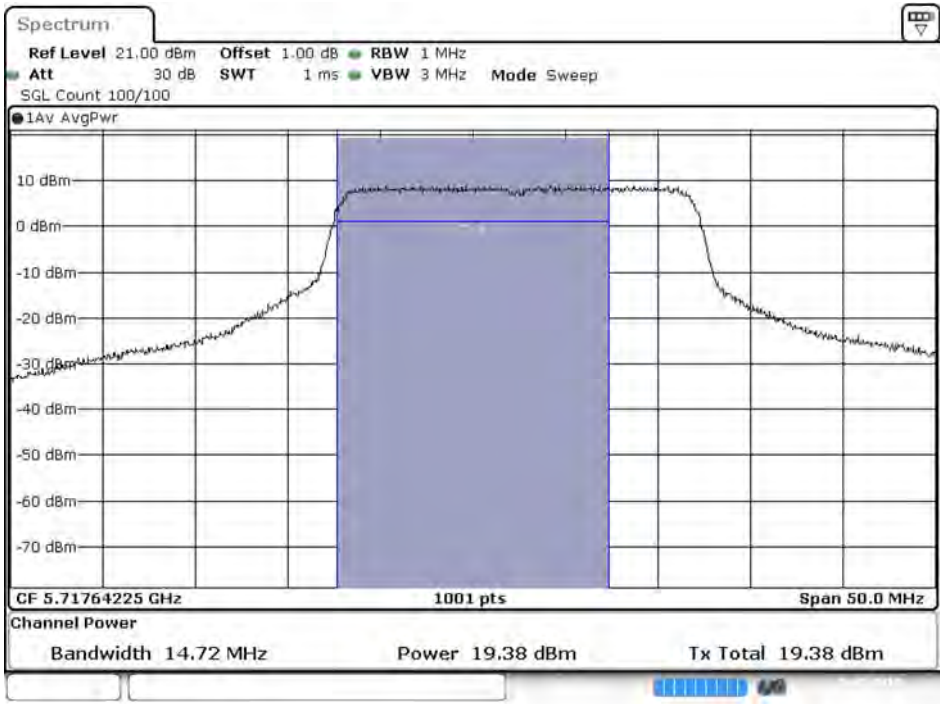
Date: 14.MAY.2019 12:47:31

Channel 144

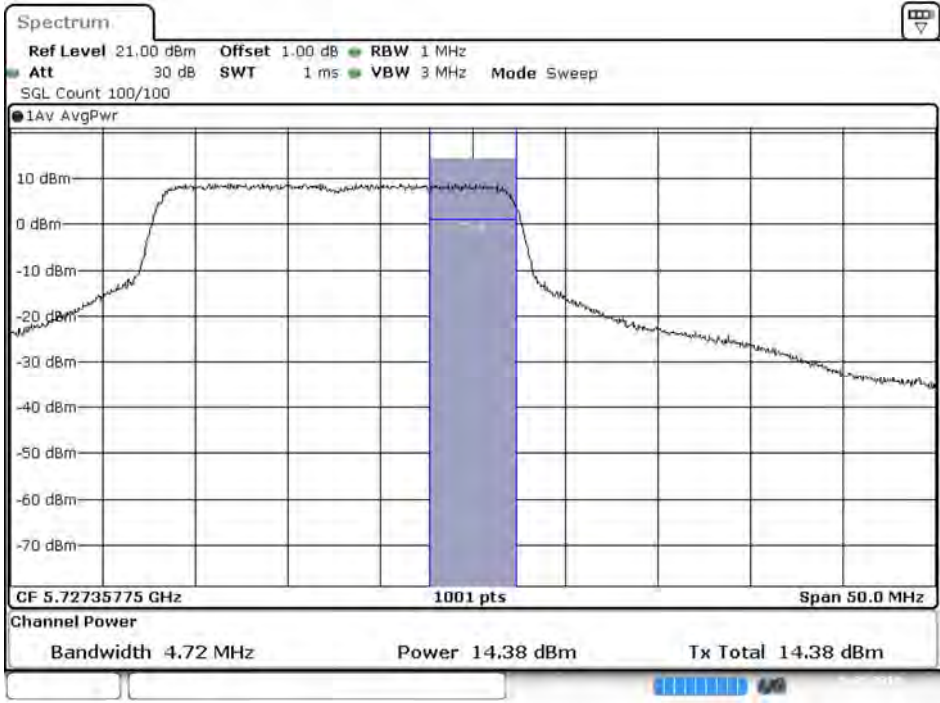


Date: 14.MAY.2019 17:01:39

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 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 7: SISO A: 發射器 802.11ax-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：108年05月13日

環境濕度：53 %

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
38	5190	20.37	--	--	--	--	--	--	--	--	--	--	--
46	5230	20.79	20.73	20.67	20.61	20.57	20.51	20.43	20.37	20.31	20.25	20.17	20.13
54	5270	20.84	--	--	--	--	--	--	--	--	--	--	--
62	5310	19.13	19.09	19.05	19.02	18.99	18.95	18.91	18.88	18.84	18.79	18.73	18.69
102	5510	19.11	--	--	--	--	--	--	--	--	--	--	--
110	5550	20.86	20.82	20.79	20.76	20.71	20.66	20.62	20.57	20.52	20.49	20.46	20.41
134	5670	19.42	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	20.23	20.19	20.15	20.11	20.07	20.02	19.99	19.94	19.91	19.84	19.81	19.77
142(U-NII-3)	5710	10.78	10.74	10.71	10.67	10.63	10.59	10.53	10.48	10.42	10.37	10.33	10.30
151	5755	20.84	--	--	--	--	--	--	--	--	--	--	--
159	5795	20.83	20.79	20.76	20.71	20.65	20.62	20.57	20.51	20.47	20.43	20.38	20.35

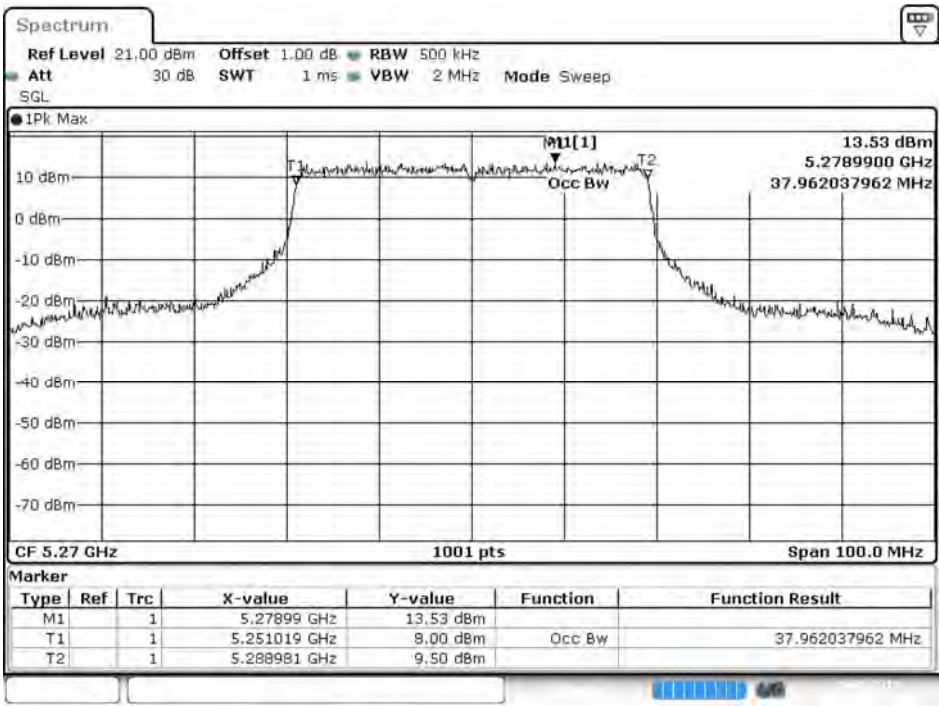
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	20.37	24	--
46	5230	--	20.79	24	--
54	5270	37.962	20.84	24	26.79
62	5310	37.962	19.13	24	26.79
102	5510	37.862	19.11	24	26.78
110	5550	38.061	20.86	24	26.80
134	5670	37.862	19.42	24	26.78
142(U-NII-2C)	5710	33.981	20.23	24	26.31
142(U-NII-3)	5710	--	10.78	30	--
151	5755	--	20.84	30	--
159	5795	--	20.83	30	--

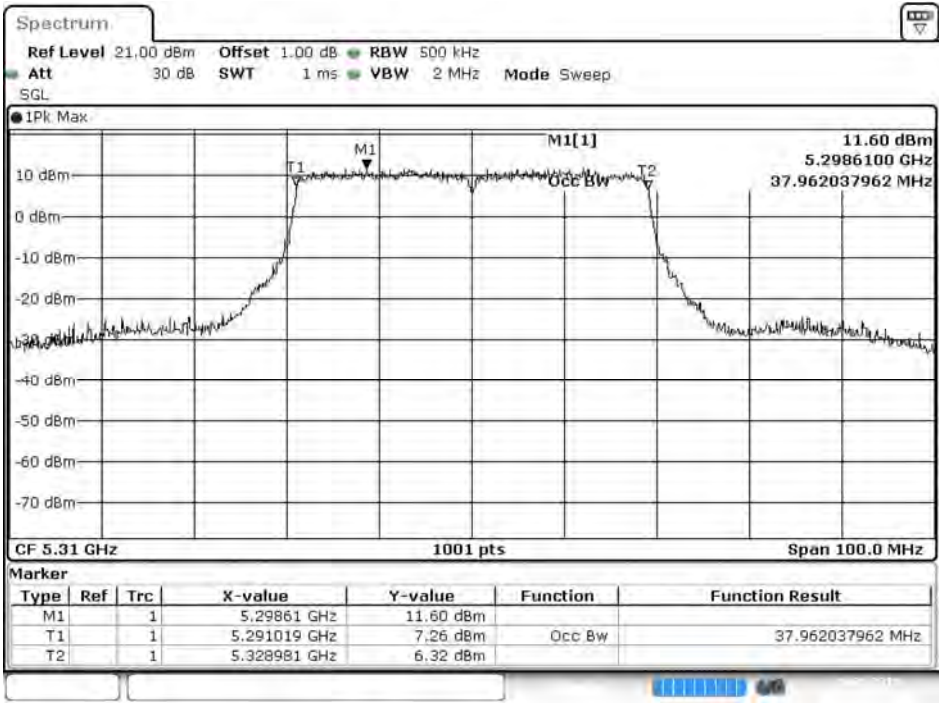
99% Occupied Bandwidth:

Channel 54



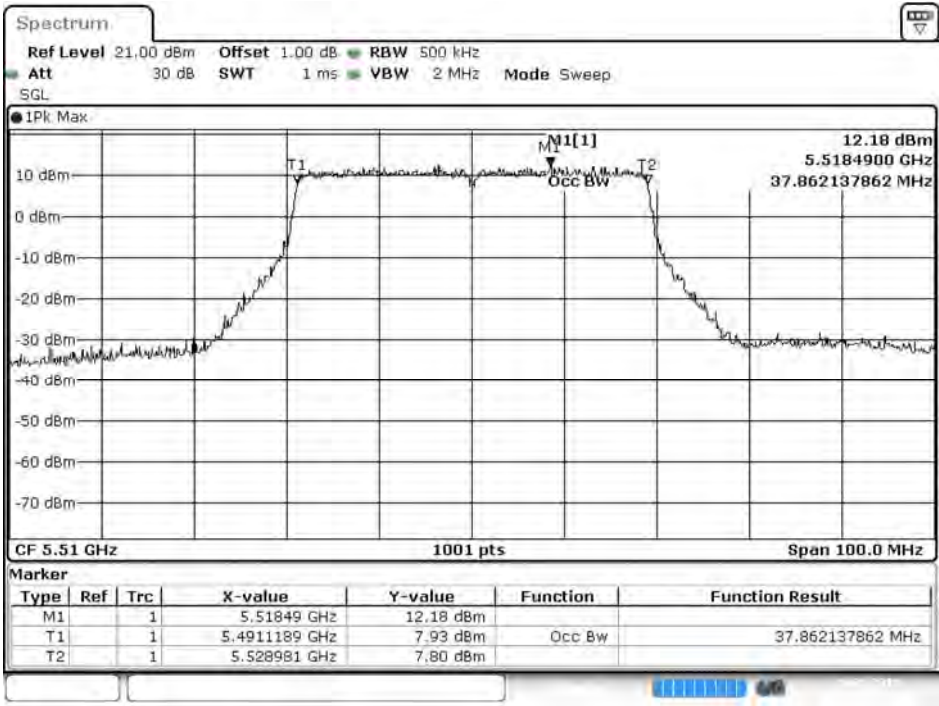
Date: 14.MAY.2019 12:49:25

Channel 62



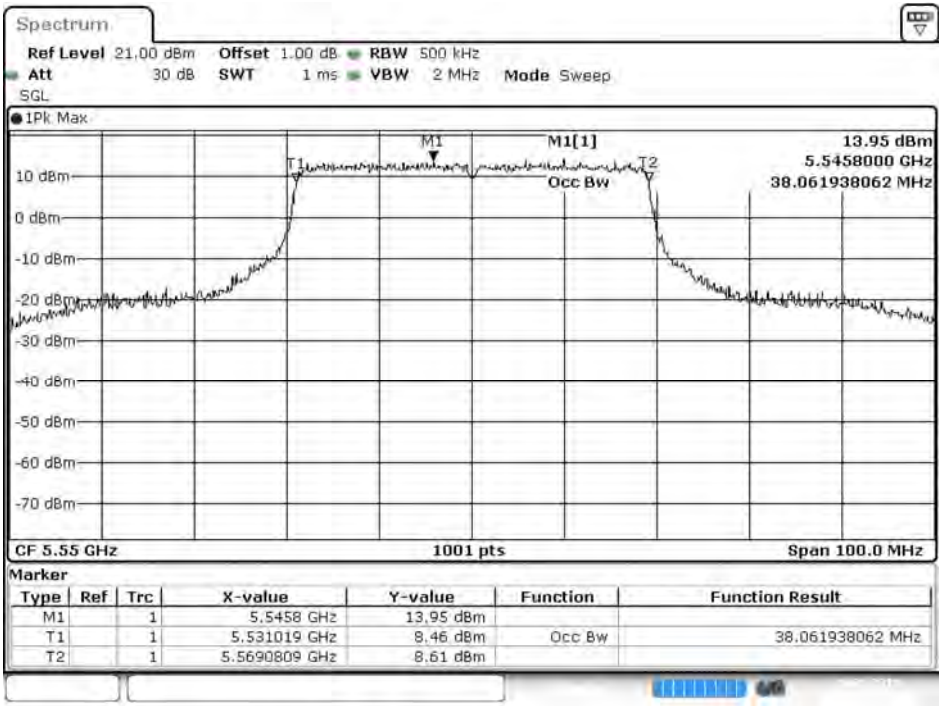
Date: 14.MAY.2019 12:50:02

Channel 102



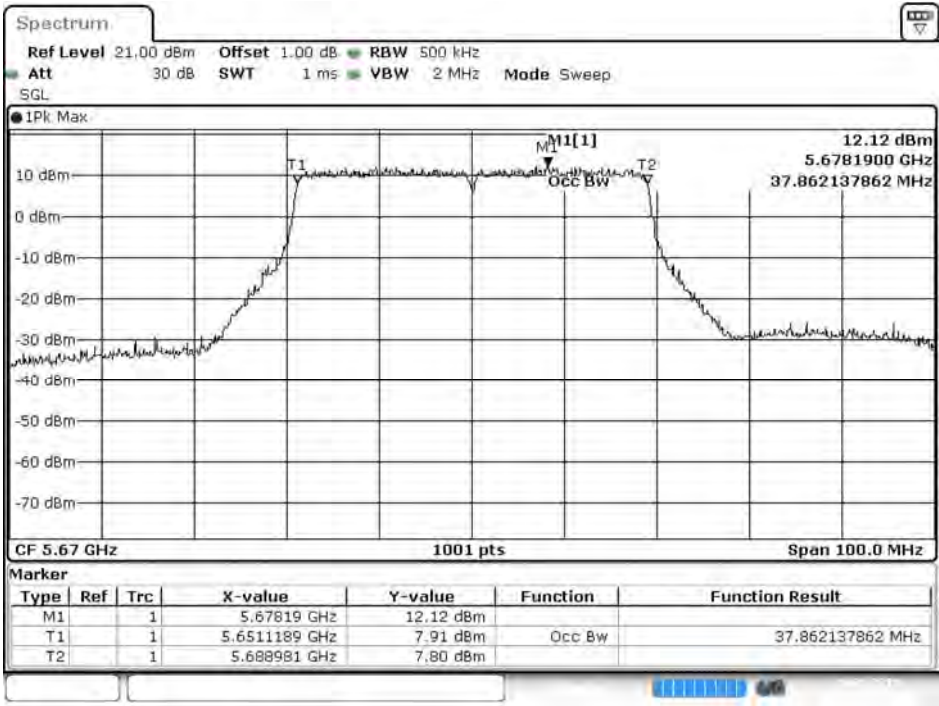
Date: 14.MAY.2019 12:50:43

Channel 110



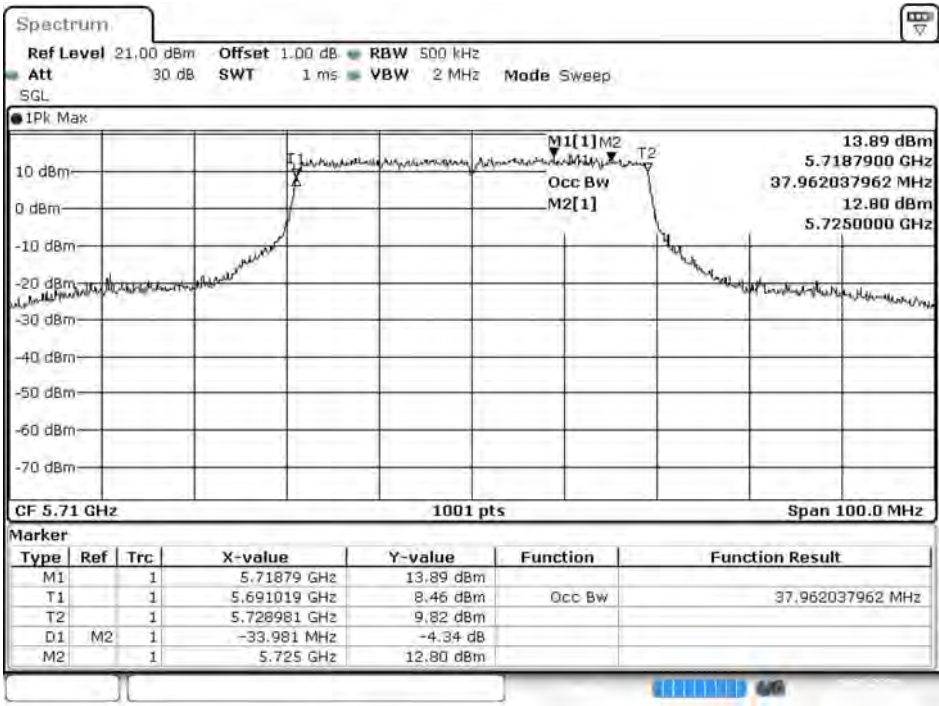
Date: 14.MAY.2019 12:51:29

Channel 134



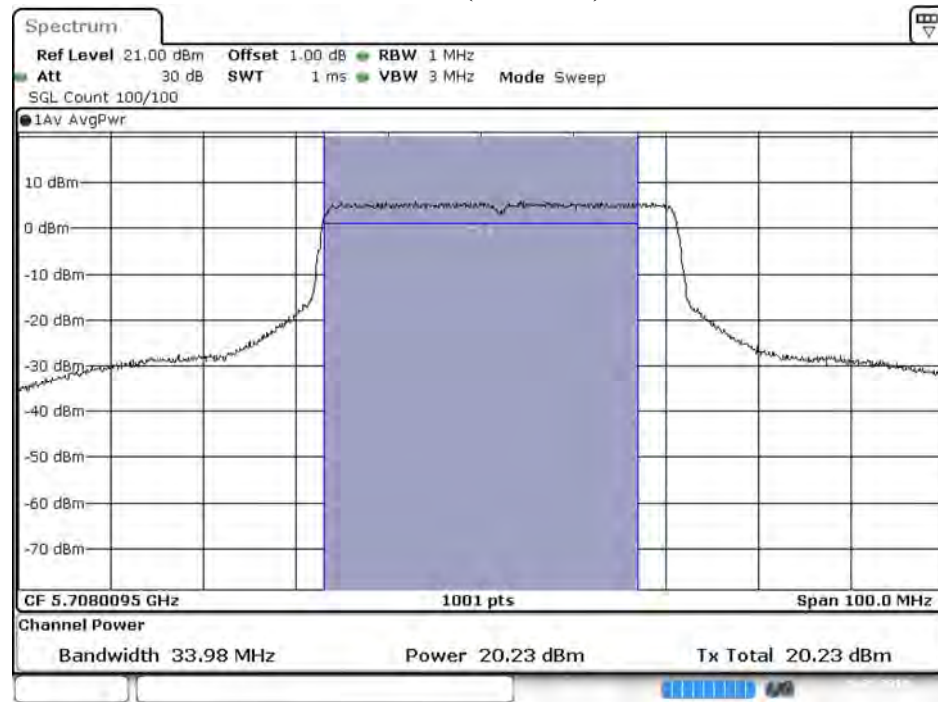
Date: 14.MAY.2019 12:52:03

Channel 142



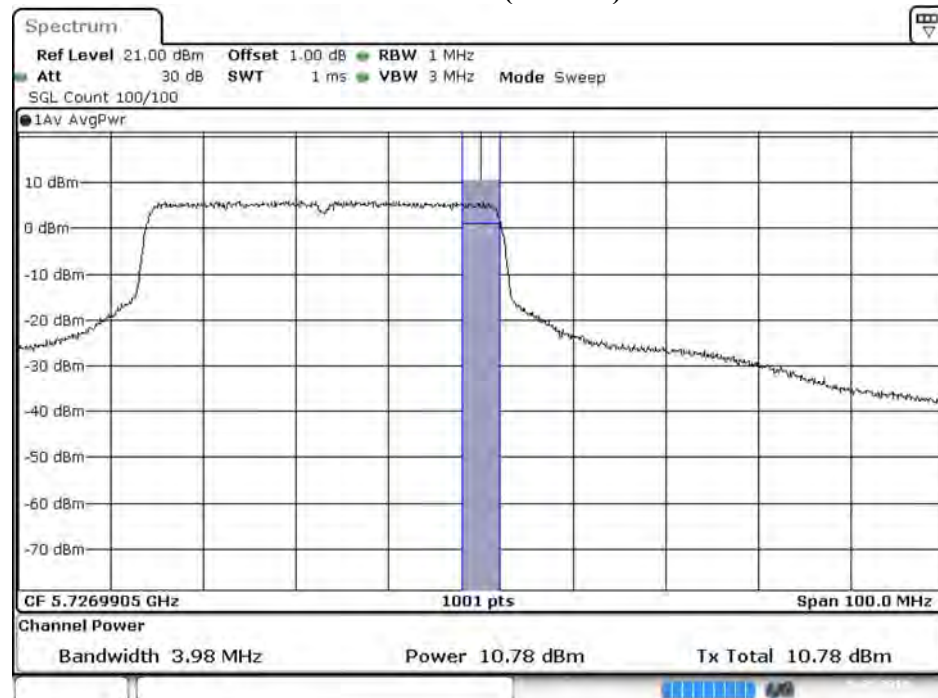
Date: 14.MAY.2019 17:03:12

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



Date: 14.MAY.2019 17:03:36

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



Date: 14.MAY.2019 17:03:59

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 8: 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：108 年 05 月 13 日

環境濕度：53 %

Cable loss=1.0dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	19.06	19.02	18.98	18.94	18.90	18.87	18.84	18.78	18.74	18.70	18.68	18.65
58	5290	19.01	18.97	18.95	18.91	18.88	18.85	18.82	18.79	18.77	18.73	18.70	18.67
106	5530	18.72	--	--	--	--	--	--	--	--	--	--	--
122	5610	20.45	20.41	20.38	20.34	20.30	20.27	20.24	20.20	20.16	20.13	20.09	20.06
138 (U-NII-2C)	5690	20.76	--	--	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	4.97	--	--	--	--	--	--	--	--	--	--	--
155	5775	19.82	19.77	19.74	19.69	19.65	19.61	19.57	19.53	19.49	19.46	19.41	19.38

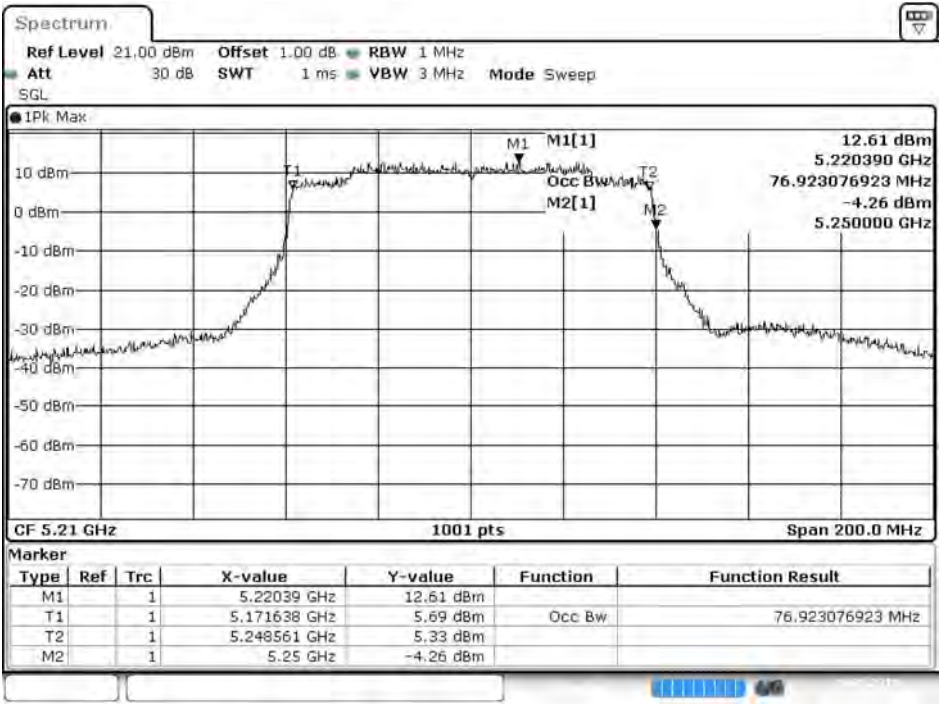
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

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	--	19.06	24	--
58	5290	76.923	19.01	24	29.86
106	5530	76.923	18.72	24	29.86
122	5610	76.923	20.45	24	29.86
138 (U-NII-2C)	5690	73.462	20.76	24	29.66
138 (U-NII-3)	5690	--	4.97	30	--
155	5775	--	19.82	30	--

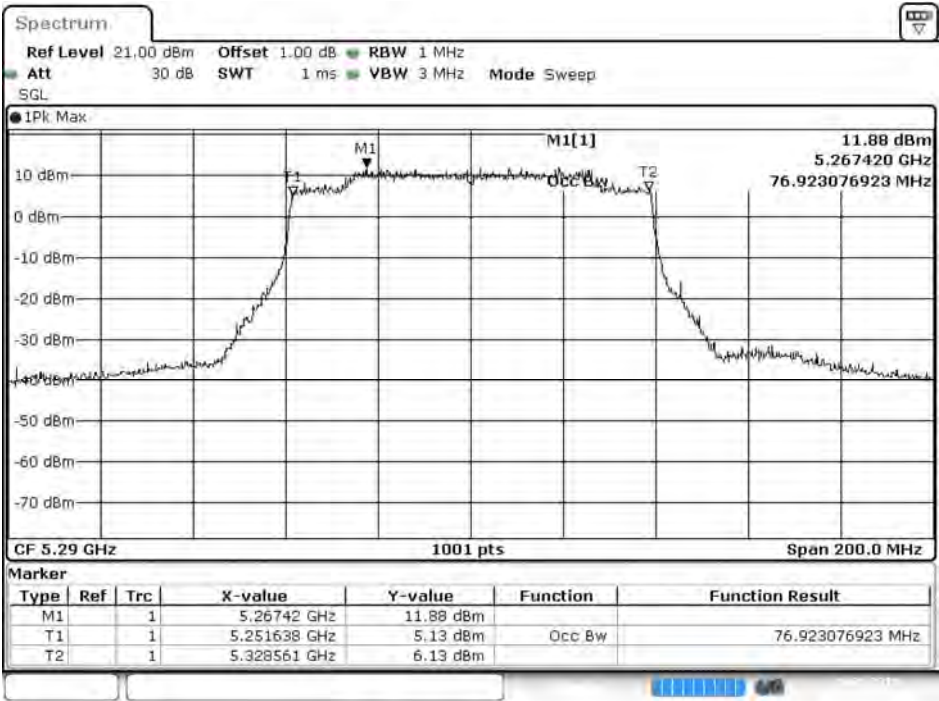
99% Occupied Bandwidth:

Channel 42



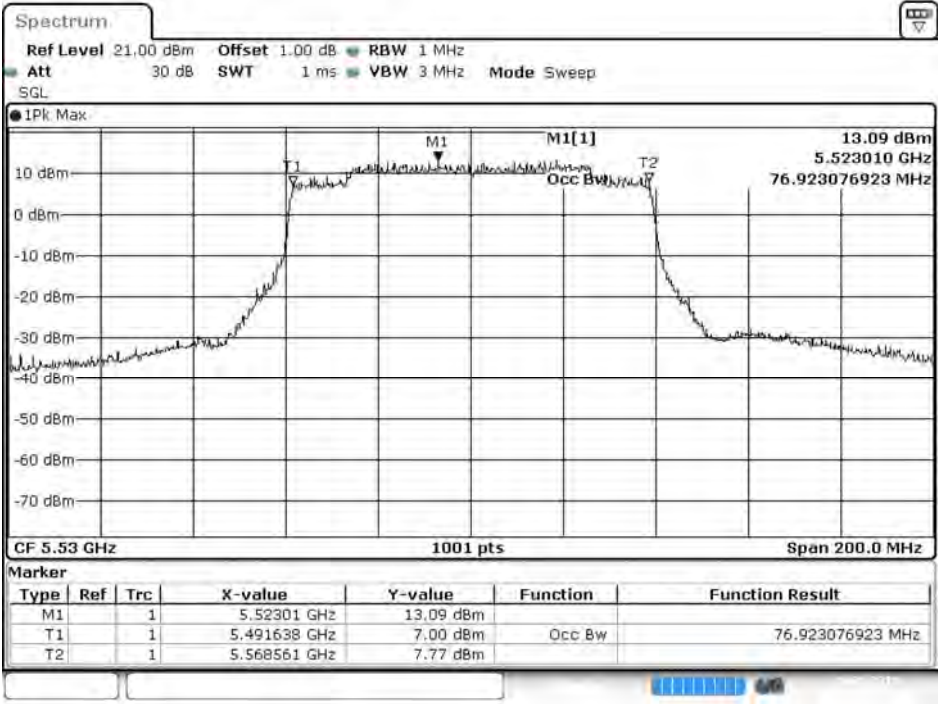
Date: 14.MAY.2019 17:04:47

Channel 58



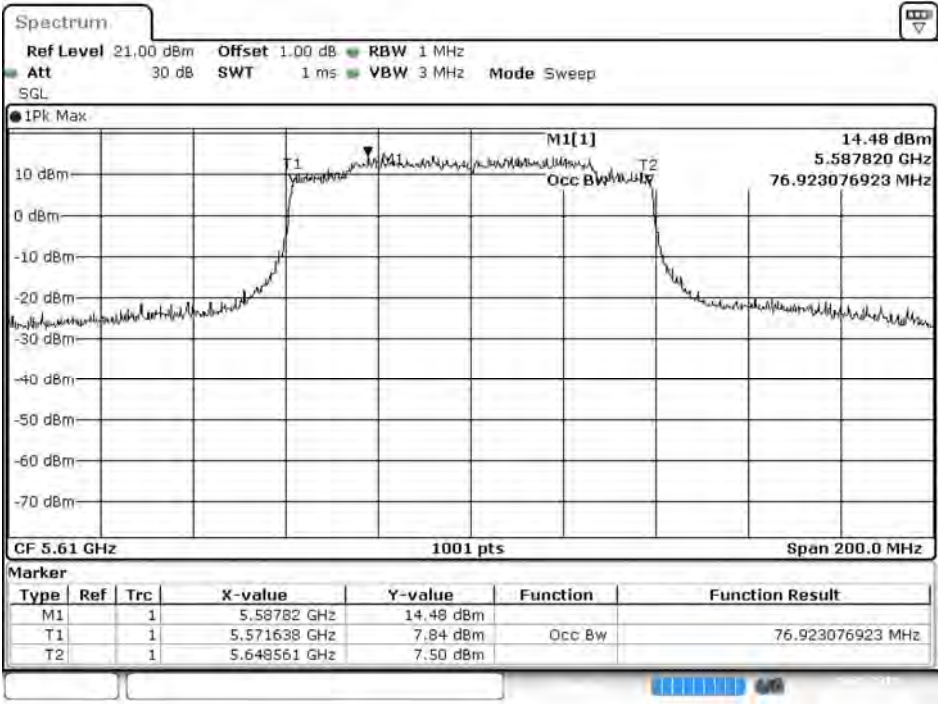
Date: 14.MAY.2019 17:05:50

Channel 106



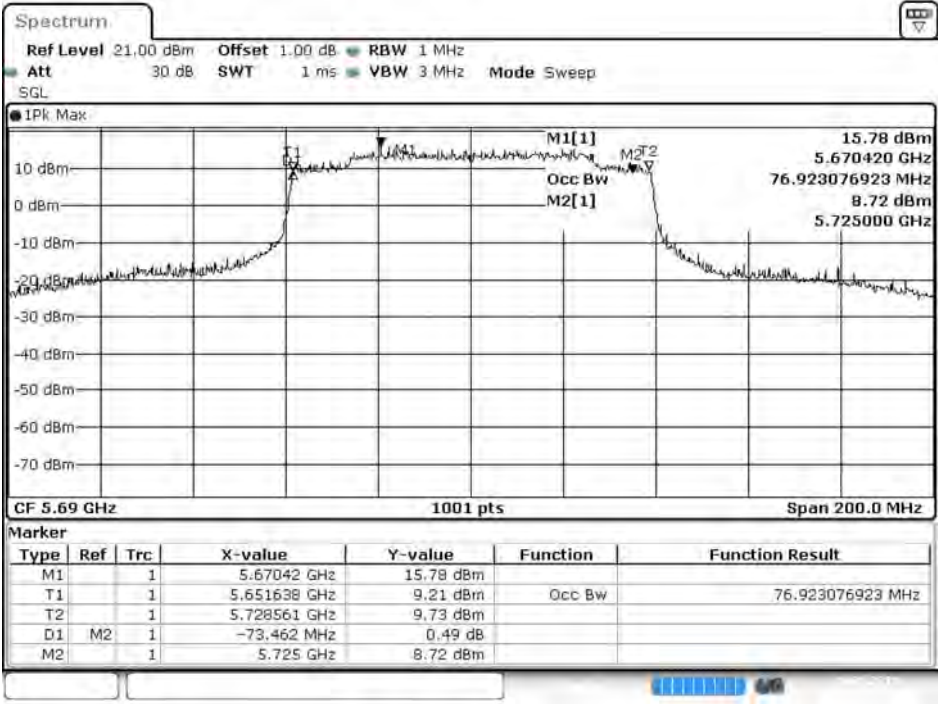
Date: 14.MAY.2019 17:06:47

Channel 122



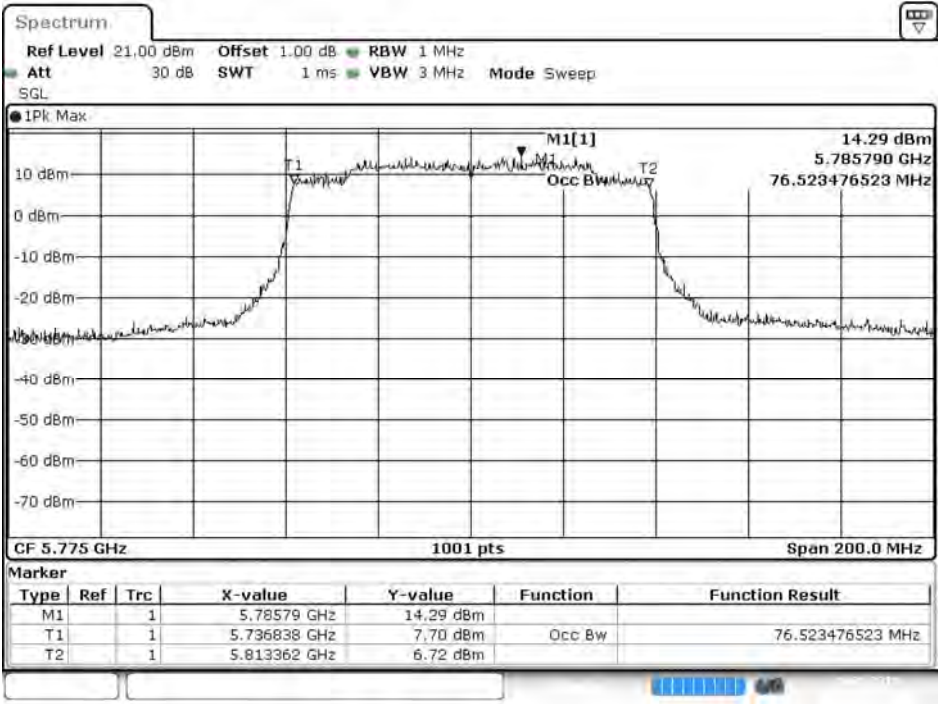
Date: 14.MAY.2019 17:07:50

Channel 138



Date: 14.MAY.2019 17:09:06

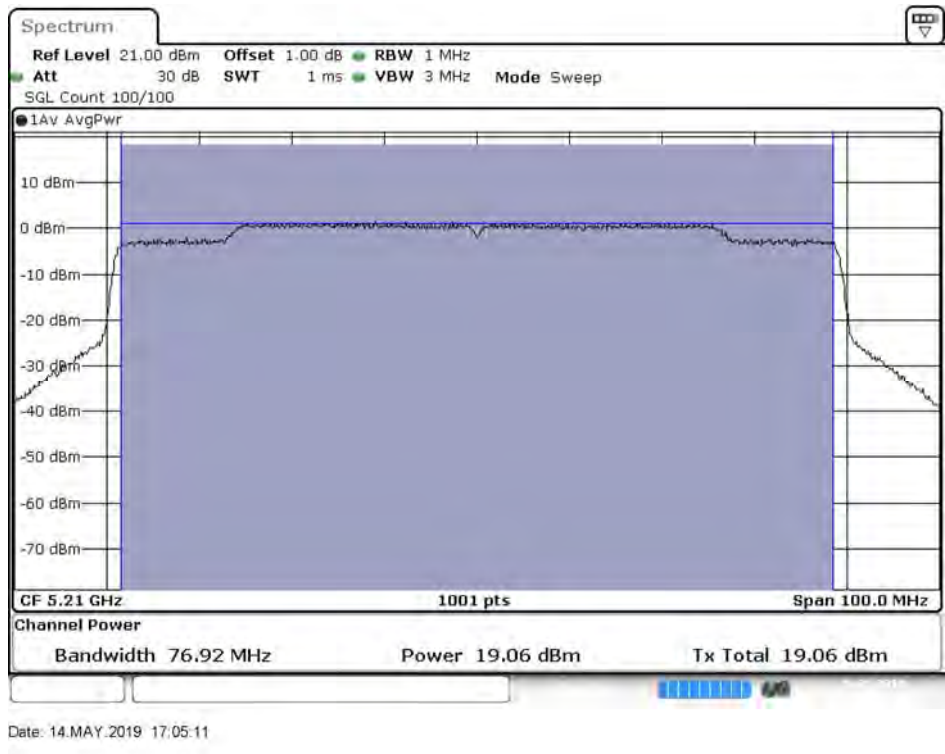
Channel 155



Date: 14.MAY.2019 17:10:33

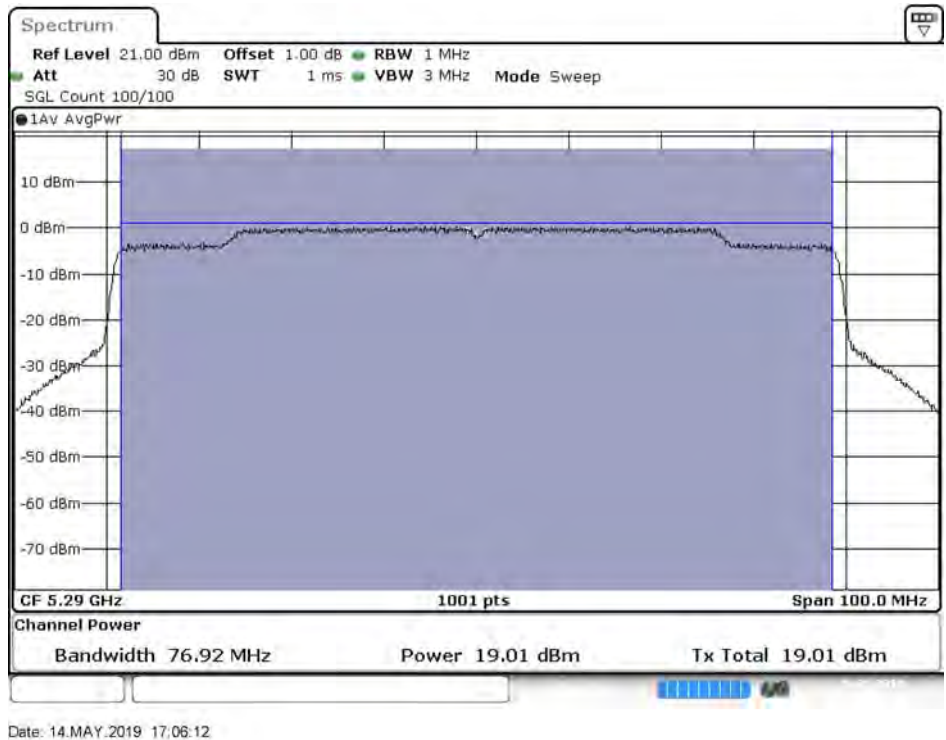
Maximum conducted output power:

Channel 42

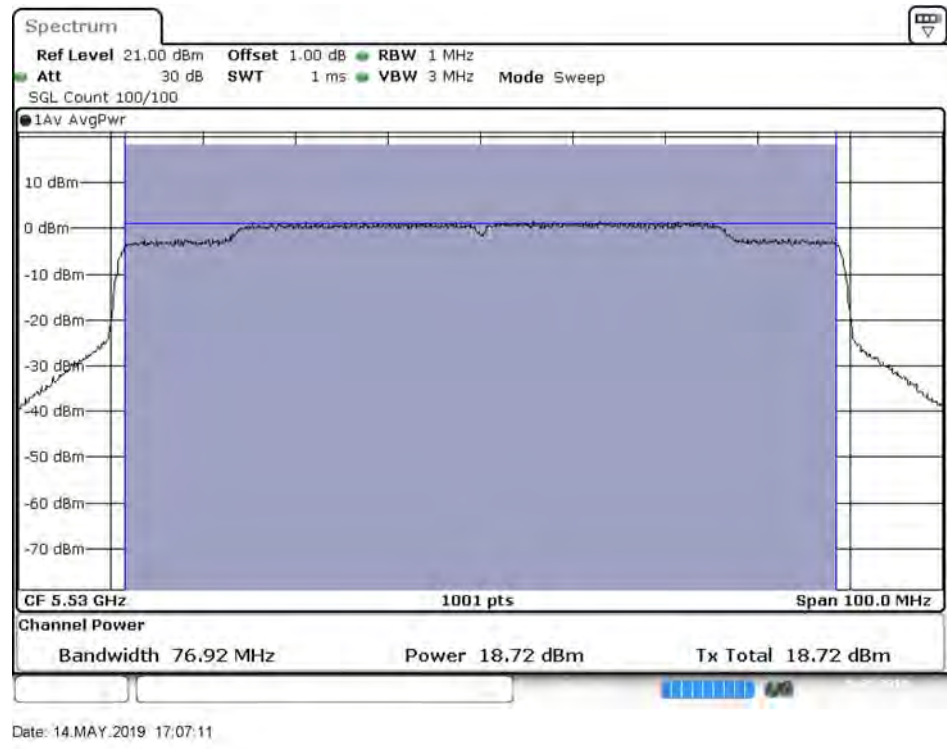


Maximum conducted output power:

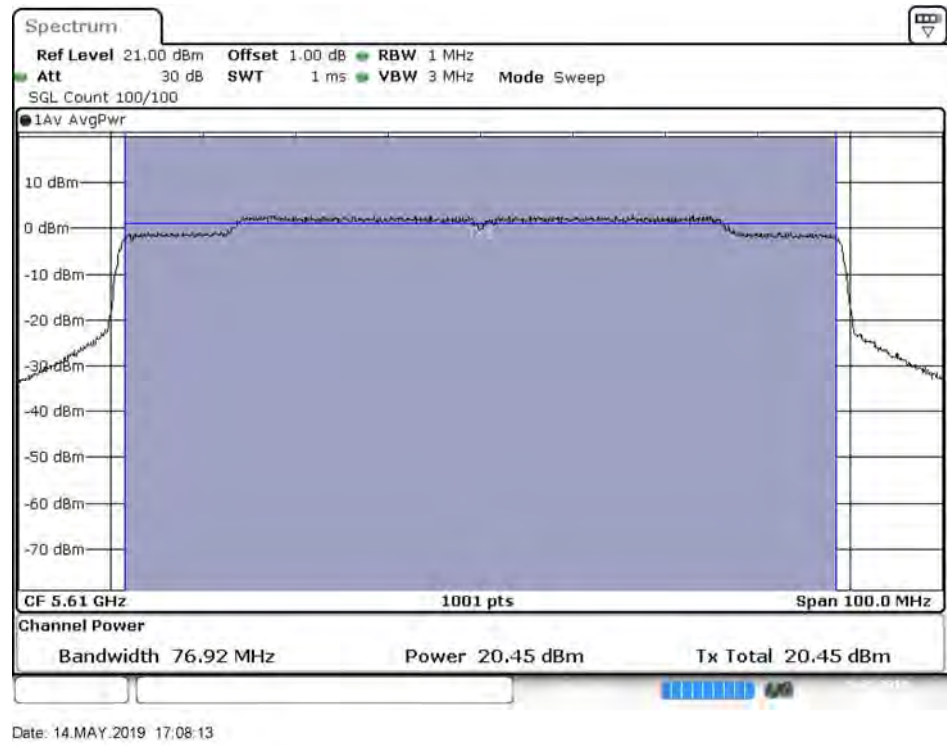
Channel 58



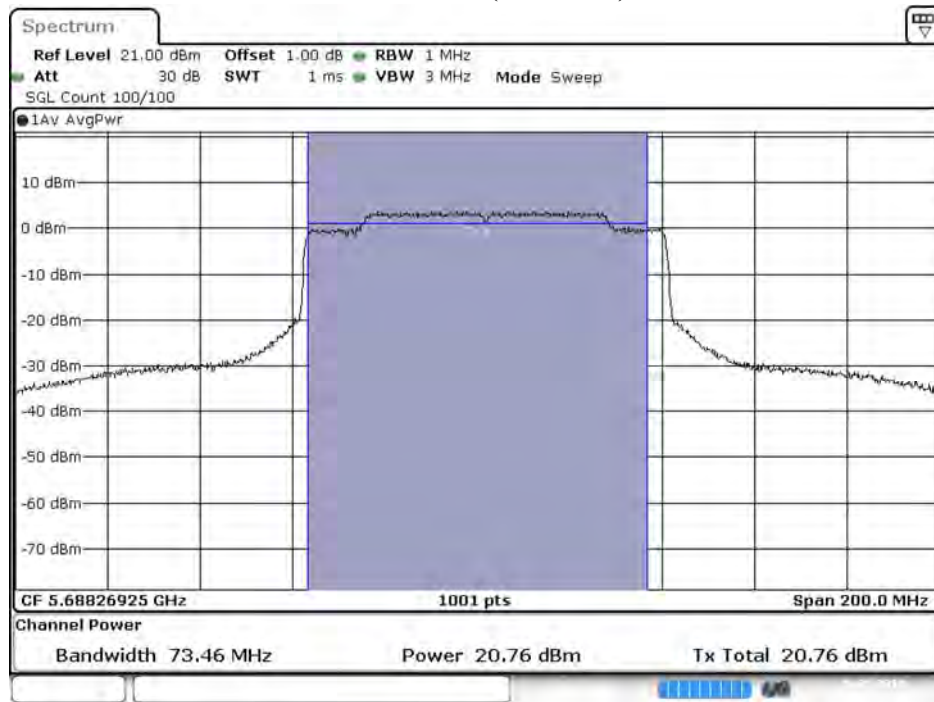
Maximum conducted output power:
Channel 106



Maximum conducted output power:
Channel 122

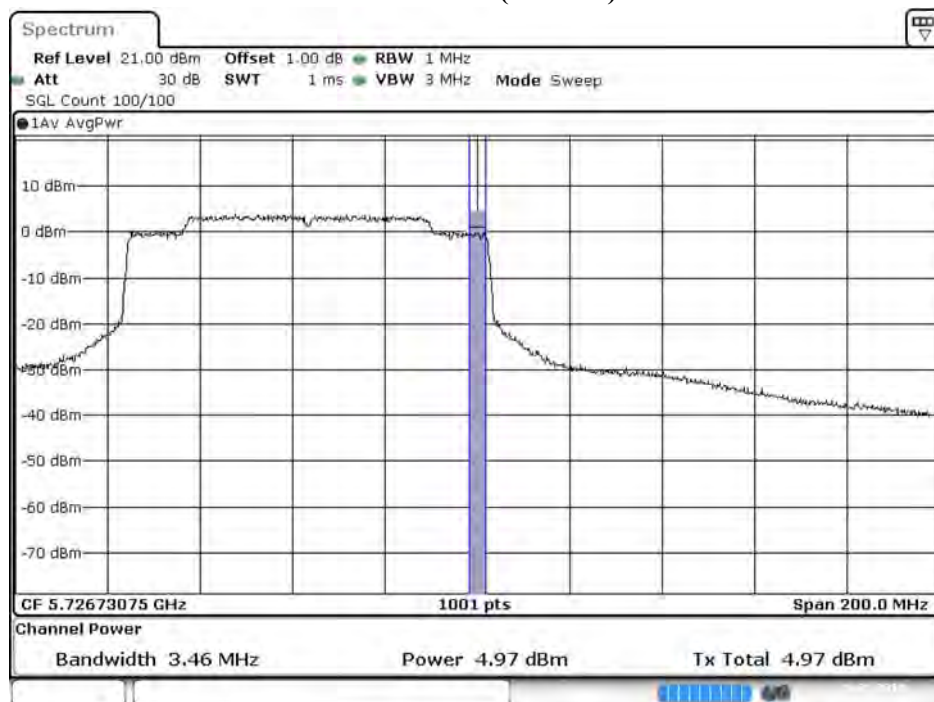


Maximum conducted output power:
Channel 138 (U-NII-2C)



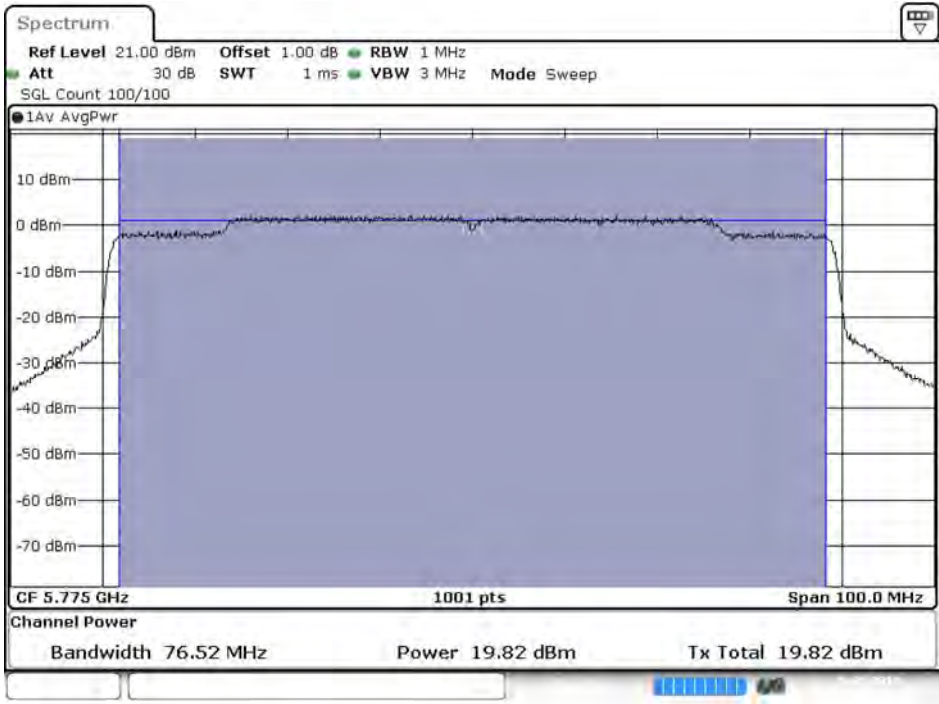
Date: 14.MAY.2019 17:09:29

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



Date: 14.MAY.2019 17:09:52

Maximum conducted output power:
Channel 155



Date: 14.MAY.2019 17:10:55

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 9: 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：108 年 05 月 13 日

環境濕度：53 %

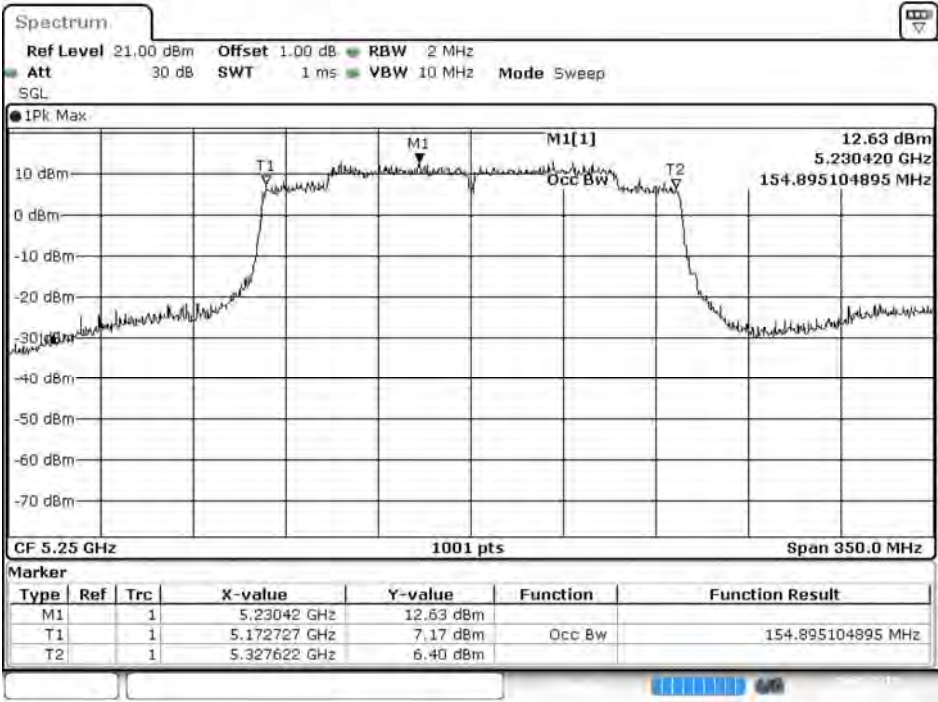
Cable loss=1.0dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50 (U-NII-1)	5250	14.68	14.62	14.58	14.52	14.48	14.42	14.37	14.33	14.27	14.22	14.18	14.12
50 (U-NII-2A)	5250	14.98	14.95	14.89	14.85	14.81	14.76	14.72	14.68	14.64	14.58	14.53	14.49
114	5570	17.40	17.38	17.33	17.30	17.27	17.24	17.19	17.16	17.12	17.09	17.06	17.02

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

Maximum conducted output power Measurement:

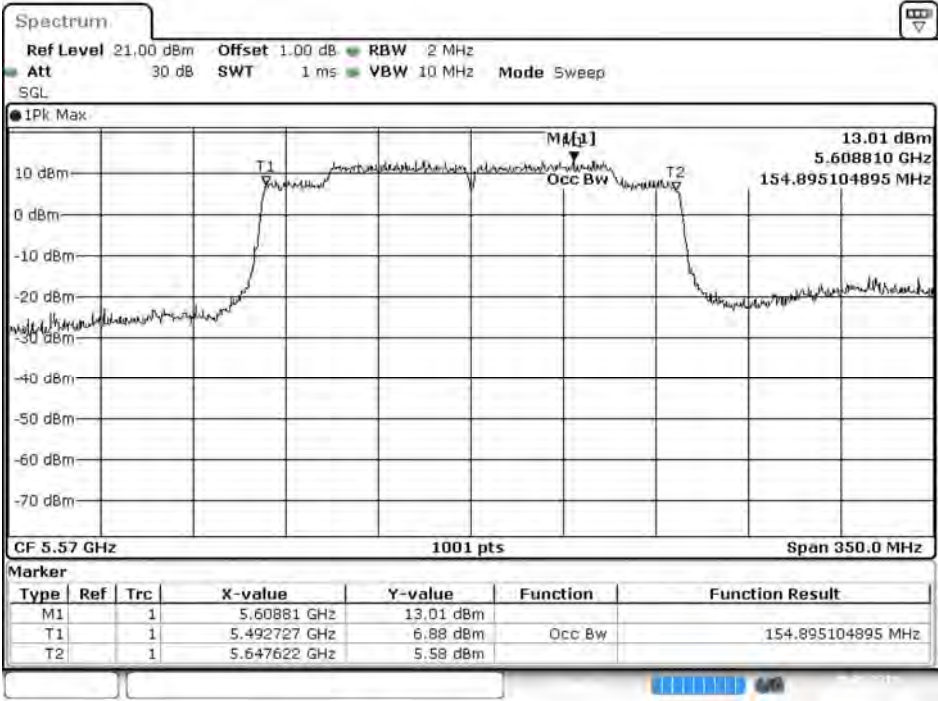
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
50 (U-NII-1)	5250	--	14.68	24	--
50 (U-NII-2A)	5250	77.448	14.98	24	29.89
114	5570	154.895	17.40	24	32.90

99% Occupied Bandwidth:
Channel 50



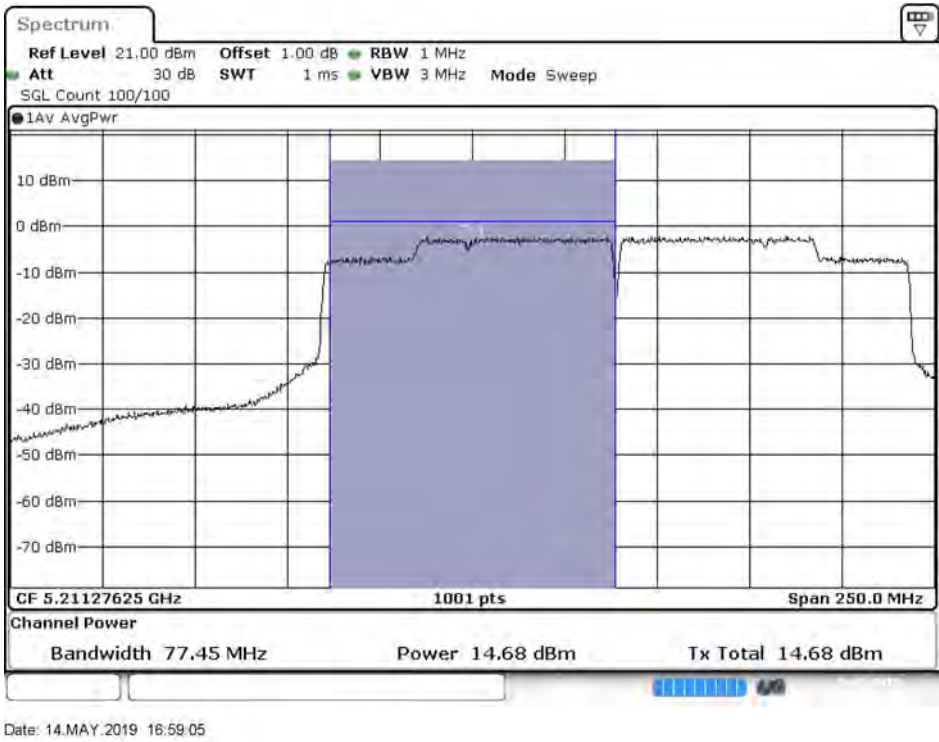
Date: 14.MAY.2019 16:58:43

Channel 114

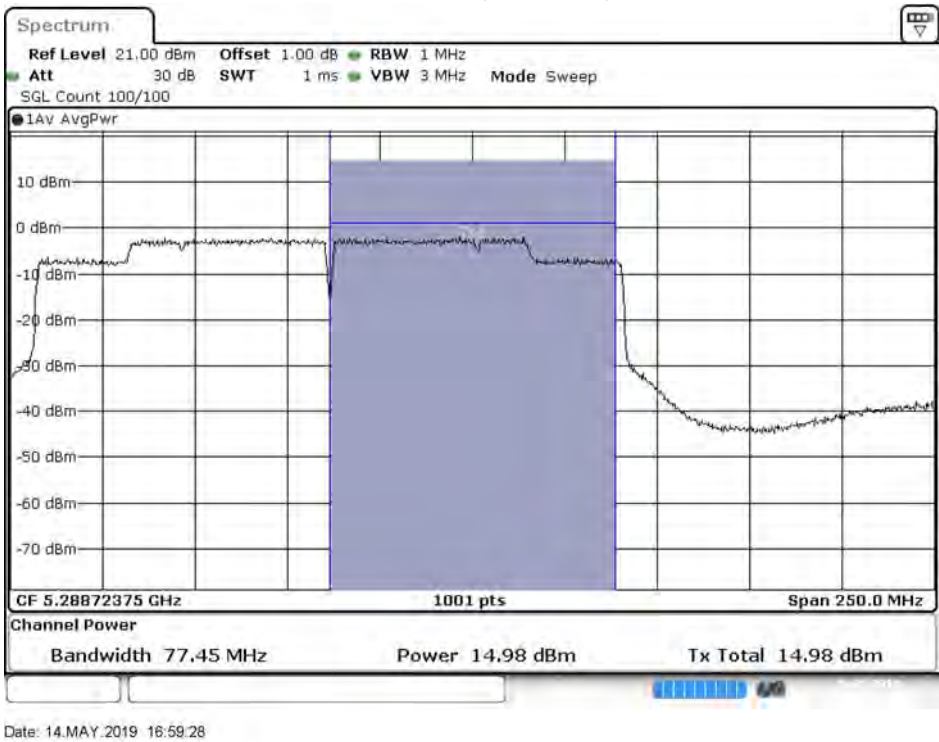


Date: 8 MAY.2019 11:17:57

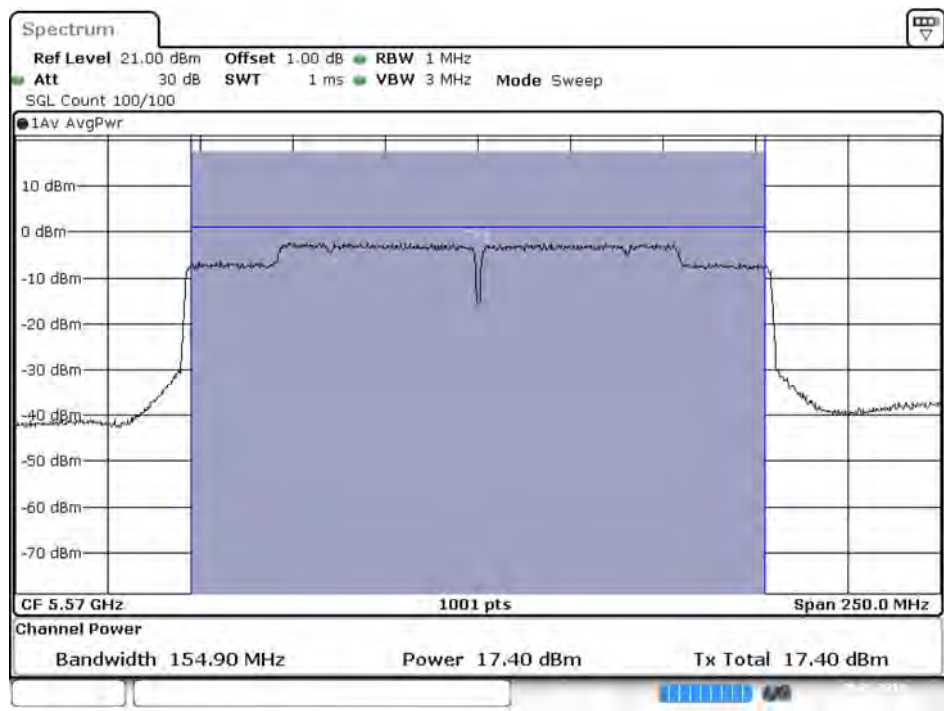
Maximum conducted output power:
Channel 50 (U-NII-1)



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



Maximum conducted output power:
Channel 114



Date: 8 MAY 2019 11:18:35

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 15: SISO B: 發射器 802.11ax-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：108年05月13日

環境濕度：53 %

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
36	5180	20.47	--	--	--	--	--	--	--	--	--	--	--
44	5220	20.82	20.78	20.75	20.69	20.64	20.61	20.58	20.55	20.51	20.46	20.42	20.37
48	5240	20.92	--	--	--	--	--	--	--	--	--	--	--
52	5260	20.88	--	--	--	--	--	--	--	--	--	--	--
60	5300	20.87	20.82	20.78	20.73	20.68	20.64	20.61	20.57	20.53	20.46	20.39	20.33
64	5320	19.85	--	--	--	--	--	--	--	--	--	--	--
100	5500	19.56	--	--	--	--	--	--	--	--	--	--	--
116	5580	20.87	20.82	20.78	20.73	20.64	20.58	20.55	20.49	20.43	20.37	20.31	20.25
140	5700	17.25	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	18.95	18.91	18.87	18.84	18.80	18.76	18.73	18.69	18.65	18.61	18.57	18.52
144(U-NII-3)	5720	14.41	14.37	14.32	14.26	14.17	14.13	14.06	14.03	13.96	13.92	13.85	13.80
149	5745	20.87	--	--	--	--	--	--	--	--	--	--	--
157	5785	20.89	20.84	20.79	20.72	20.67	20.63	20.59	20.55	20.52	20.48	20.44	20.41
165	5825	20.86	--	--	--	--	--	--	--	--	--	--	--

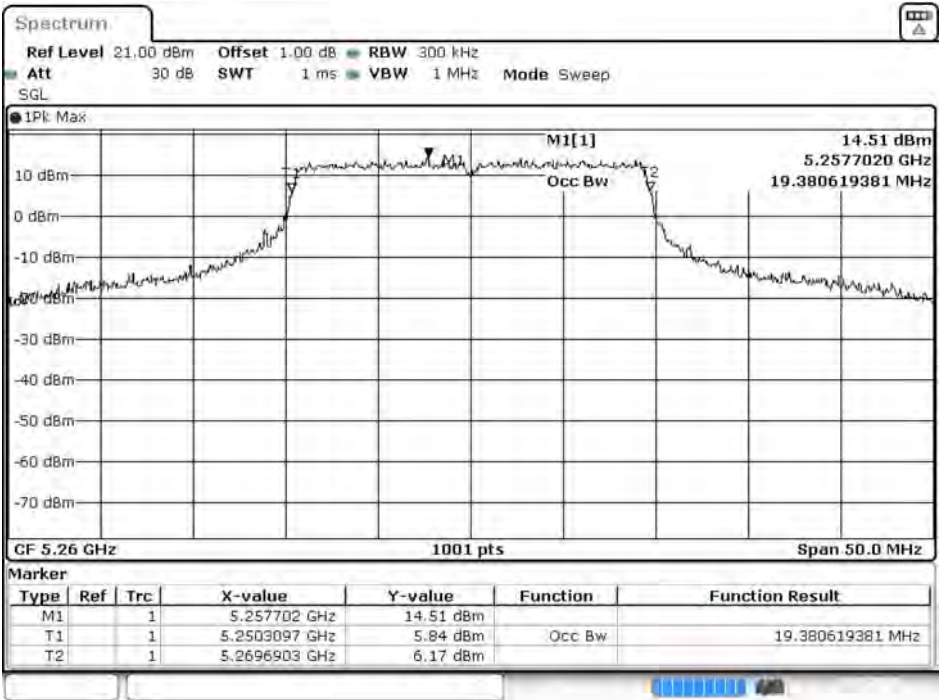
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

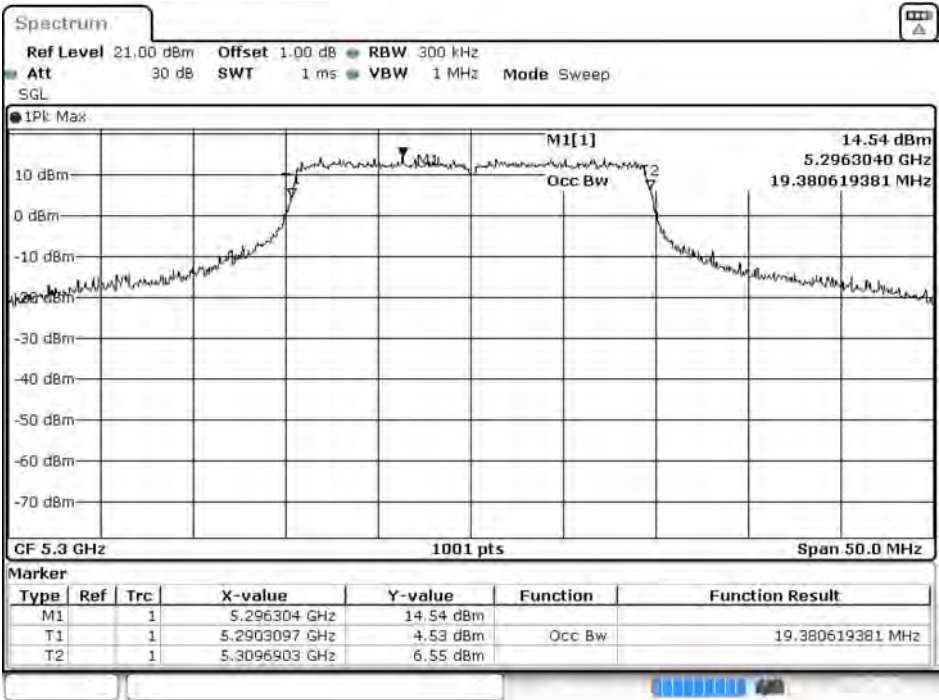
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
36	5180	--	20.47	24	--
44	5220	--	20.82	24	--
48	5240	--	20.92	24	--
52	5260	19.380	20.88	24	23.87
60	5300	19.380	20.87	24	23.87
64	5320	19.230	19.85	24	23.84
100	5500	19.280	19.56	24	23.85
116	5580	19.380	20.87	24	23.87
140	5700	19.230	17.25	24	23.84
144(U-NII-2C)	5720	14.740	18.95	24	22.68
144(U-NII-3)	5720	--	14.41	30	--
149	5745	--	20.87	30	--
157	5785	--	20.89	30	--
165	5825	--	20.86	30	--

99% Occupied Bandwidth:

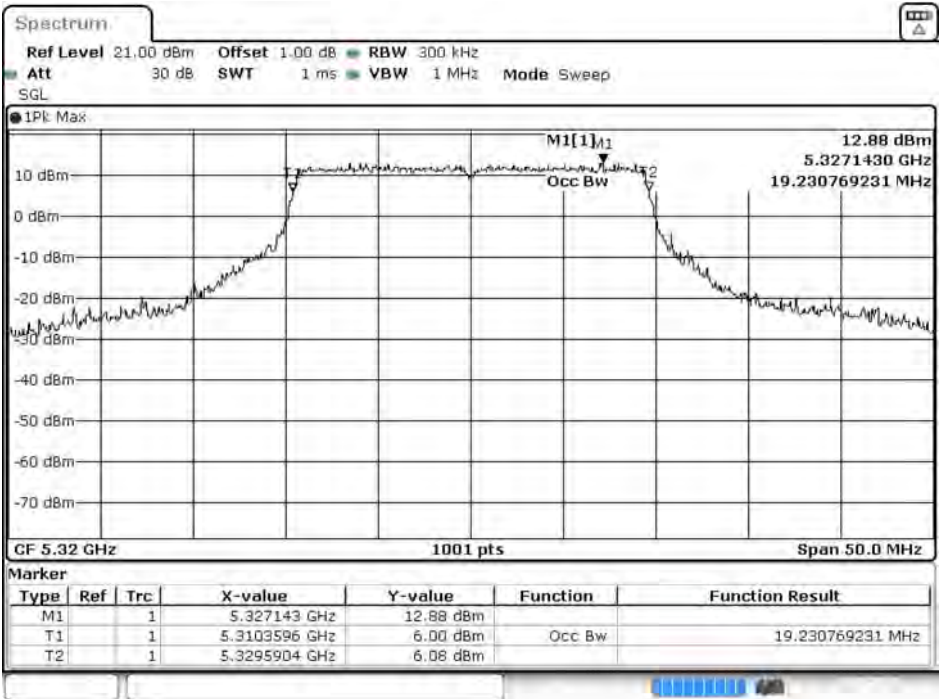
Channel 52



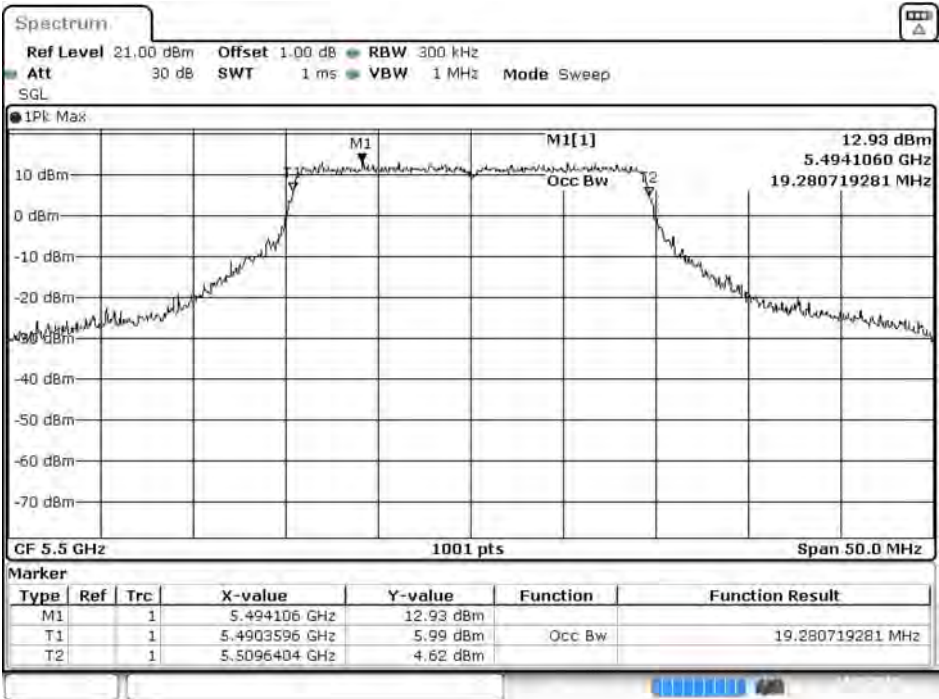
Channel 60



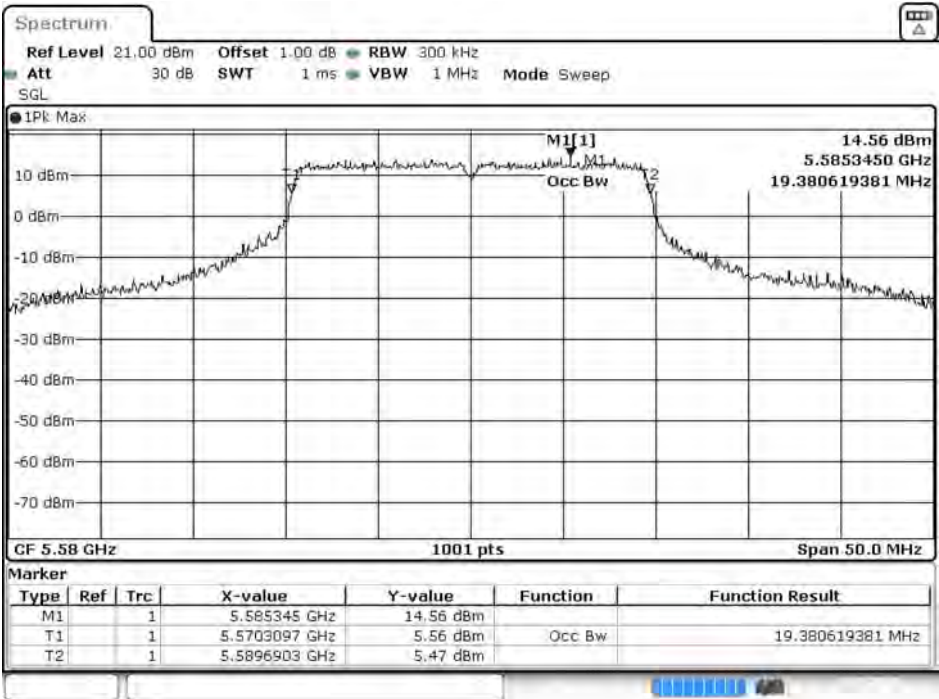
Channel 64



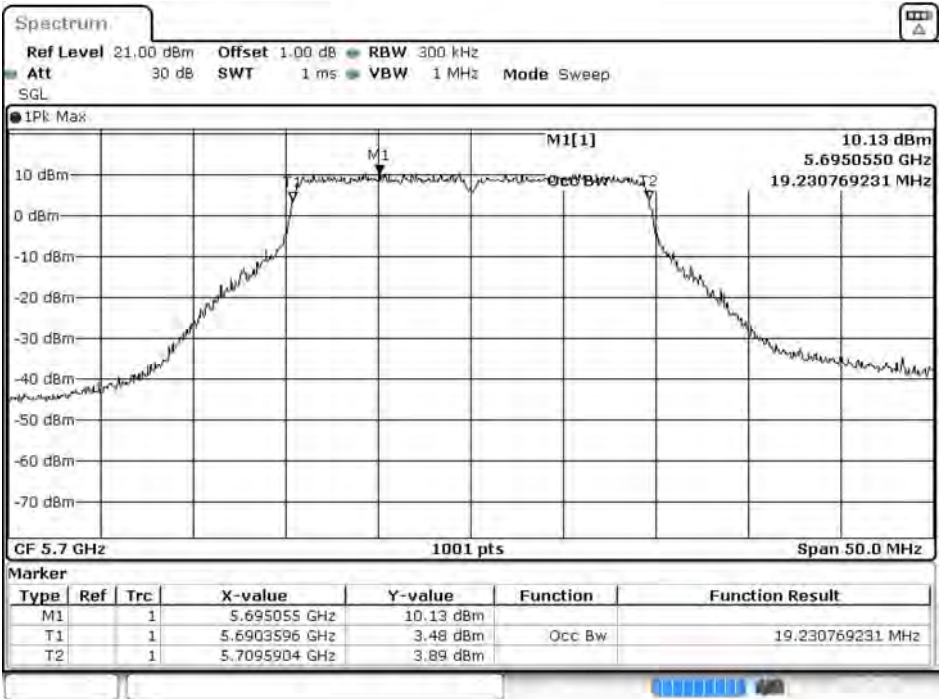
Channel 100



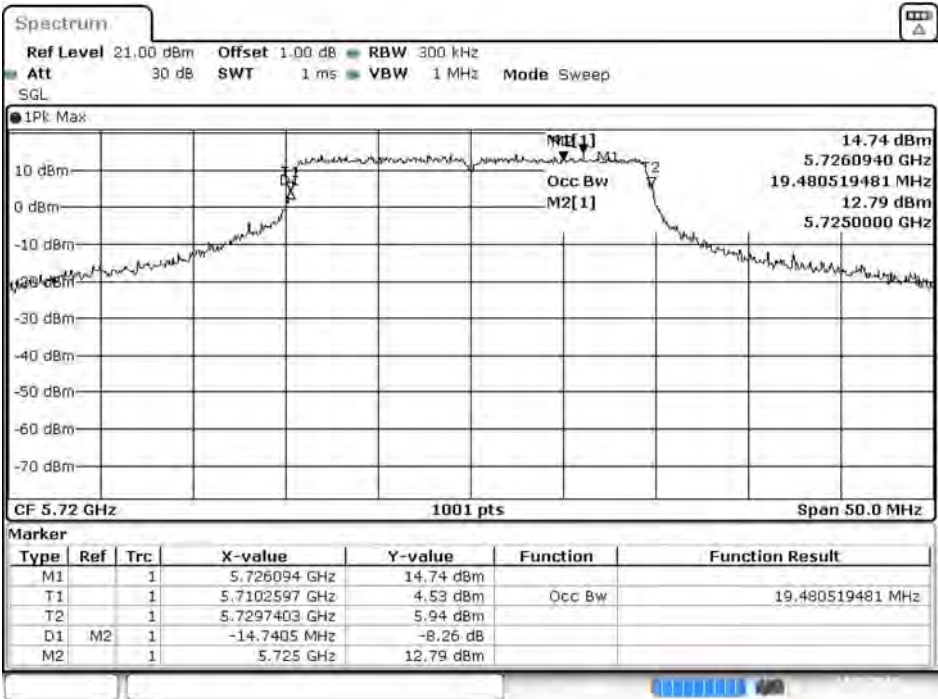
Channel 116



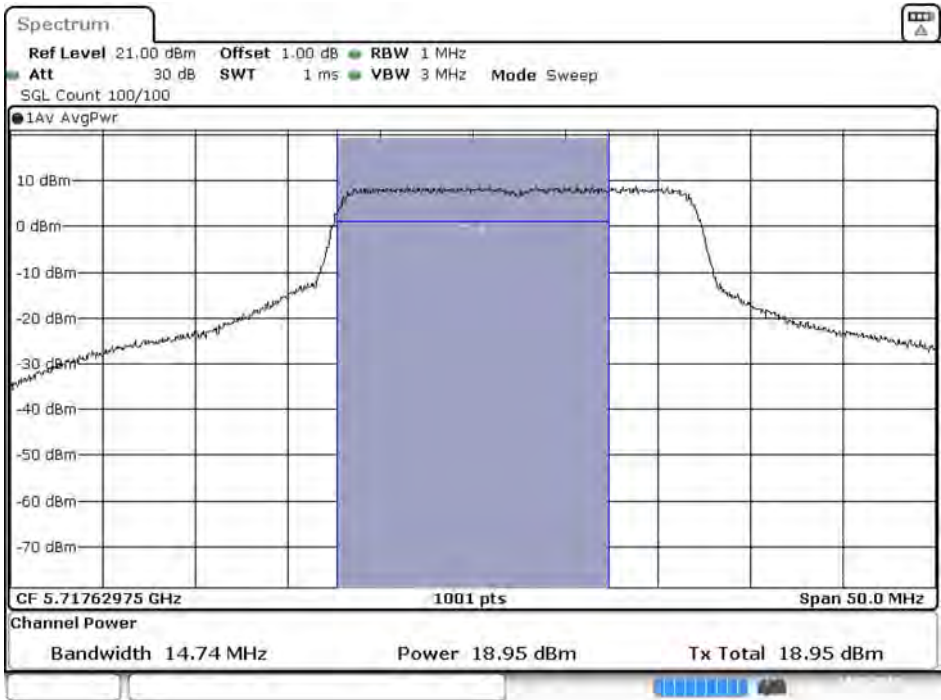
Channel 140



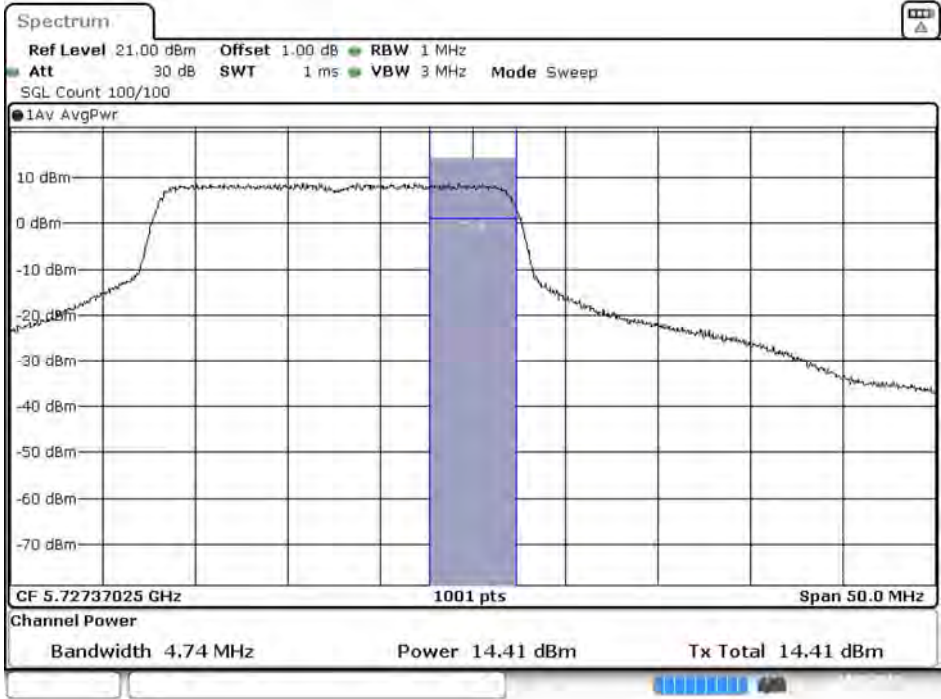
Channel 144



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 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 16: SISO B: 發射器 802.11ax-40BW

檢測器：峰值

環境溫度：21 °C

測試日期：108年05月13日

環境濕度：53 %

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
38	5190	19.42	--	--	--	--	--	--	--	--	--	--	--
46	5230	20.83	20.78	20.72	20.69	20.66	20.61	20.57	20.53	20.50	20.44	20.41	20.36
54	5270	20.89	--	--	--	--	--	--	--	--	--	--	--
62	5310	18.73	18.67	18.62	18.59	18.53	18.49	18.45	18.41	18.32	18.26	18.22	18.17
102	5510	18.93	--	--	--	--	--	--	--	--	--	--	--
110	5550	20.87	20.81	20.76	20.73	20.69	20.61	20.57	20.53	20.47	20.43	20.37	20.32
134	5670	18.69	--	--	--	--	--	--	--	--	--	--	--
142(U-NII-2C)	5710	20.44	20.36	20.31	20.26	20.23	20.19	20.14	20.11	20.04	20.01	19.93	19.90
142(U-NII-3)	5710	11.30	11.24	11.18	11.15	11.11	11.06	11.02	10.99	10.96	10.91	10.87	10.82
151	5755	20.87	--	--	--	--	--	--	--	--	--	--	--
159	5795	20.84	20.79	20.76	20.71	20.64	20.61	20.56	20.53	20.46	20.41	20.38	20.33

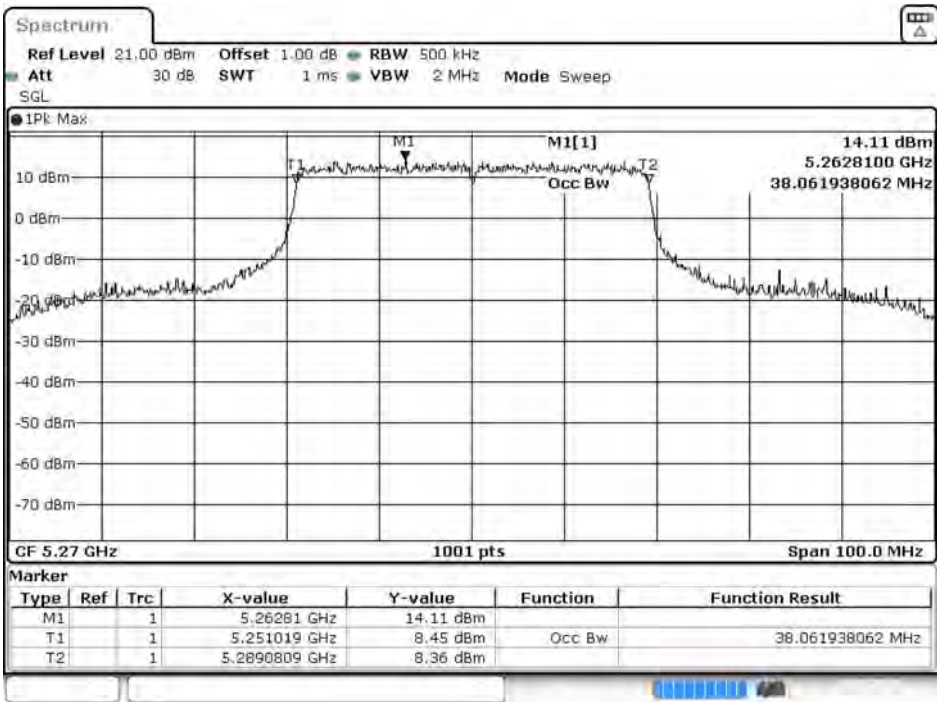
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

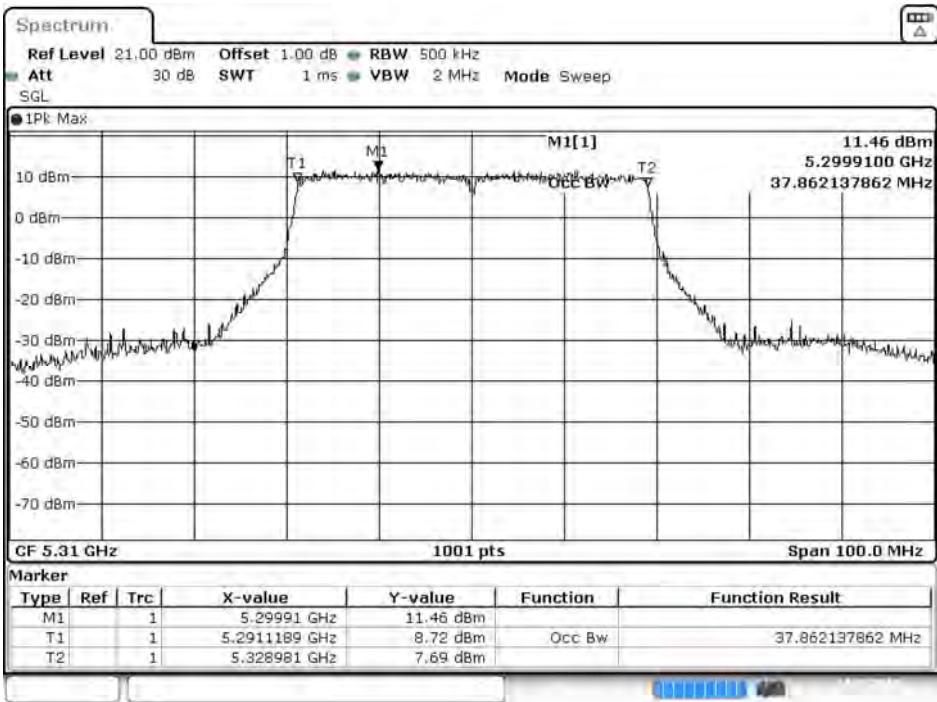
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
38	5190	--	19.42	24	--
46	5230	--	20.83	24	--
54	5270	38.061	20.89	24	26.80
62	5310	37.862	18.73	24	26.78
102	5510	37.962	18.93	24	26.79
110	5550	38.061	20.87	24	26.80
134	5670	37.962	18.69	24	26.79
142(U-NII-2C)	5710	34.031	20.44	24	26.32
142(U-NII-3)	5710	--	11.30	30	--
151	5755	--	20.87	30	--
159	5795	--	20.84	30	--

99% Occupied Bandwidth:

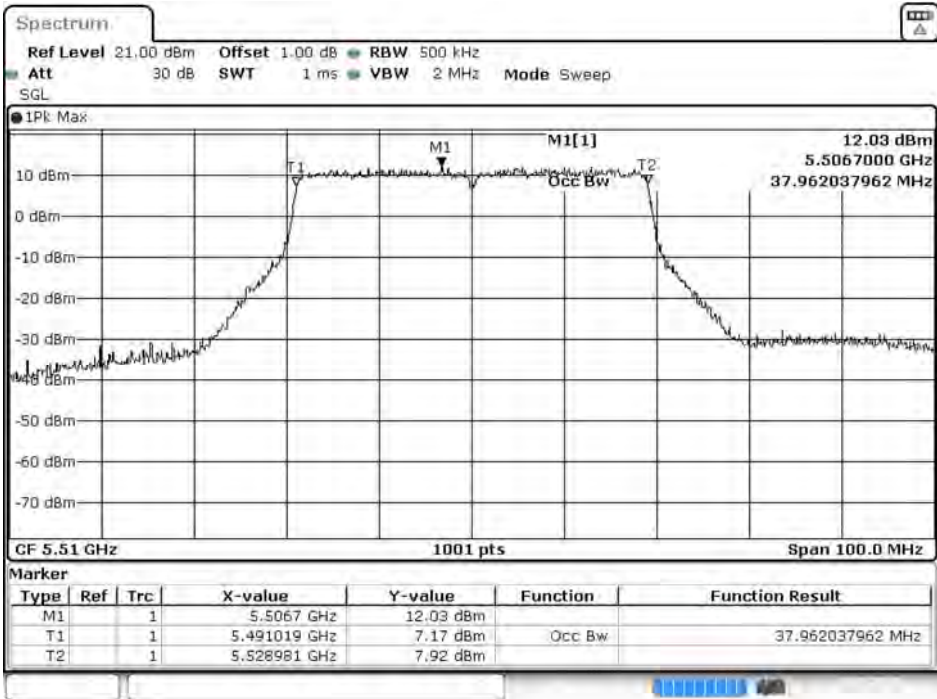
Channel 54



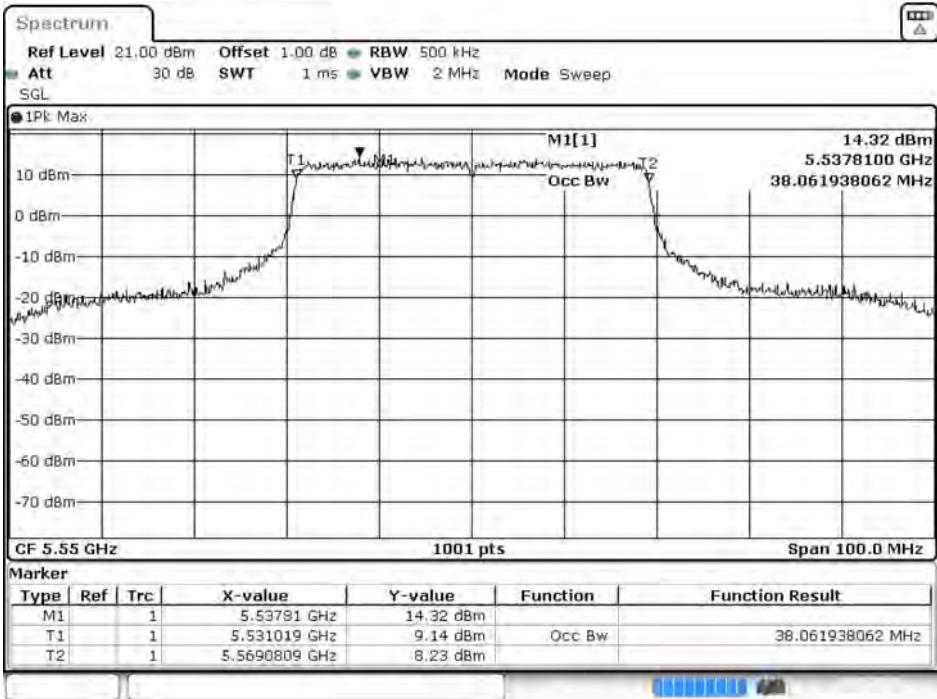
Channel 62



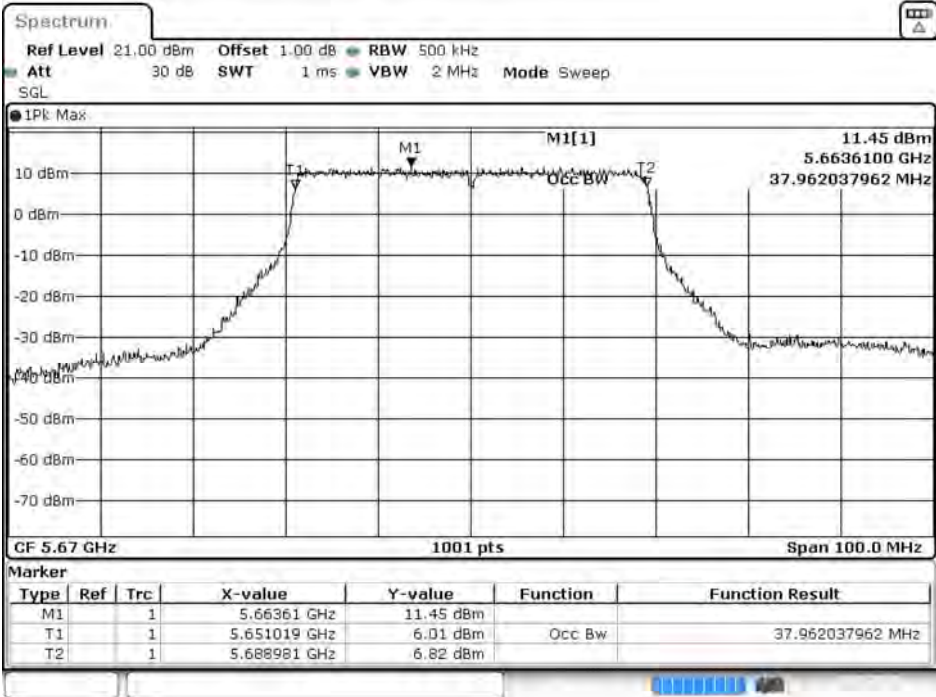
Channel 102



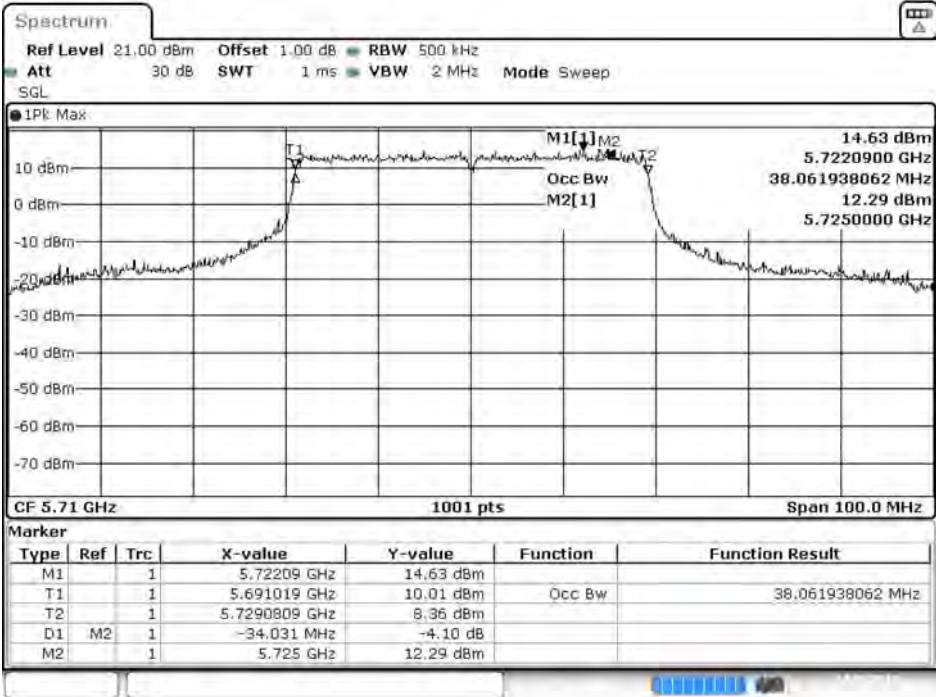
Channel 110



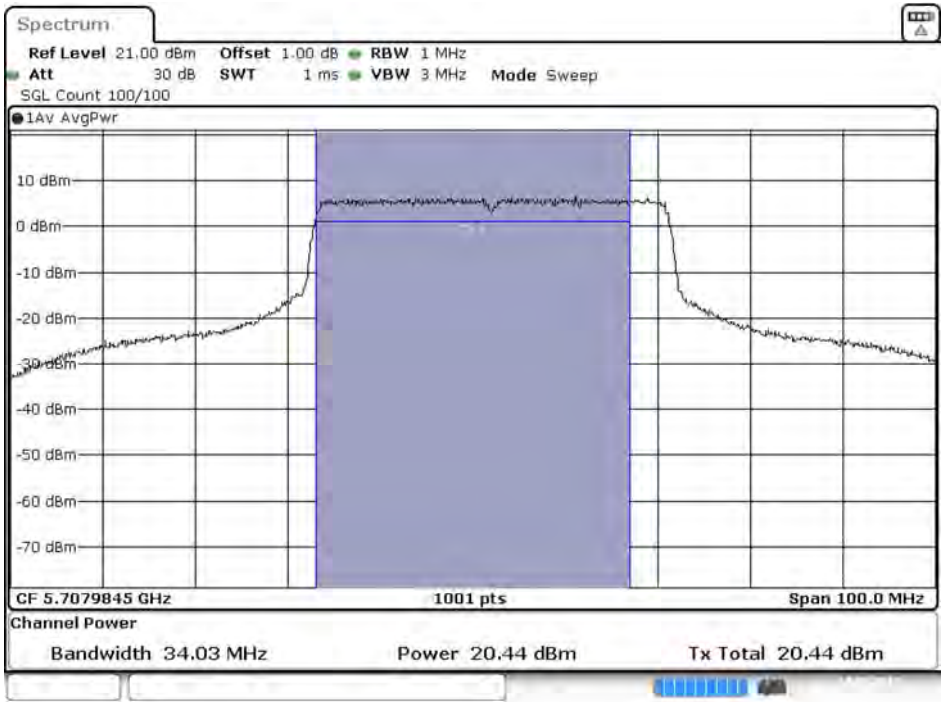
Channel 134



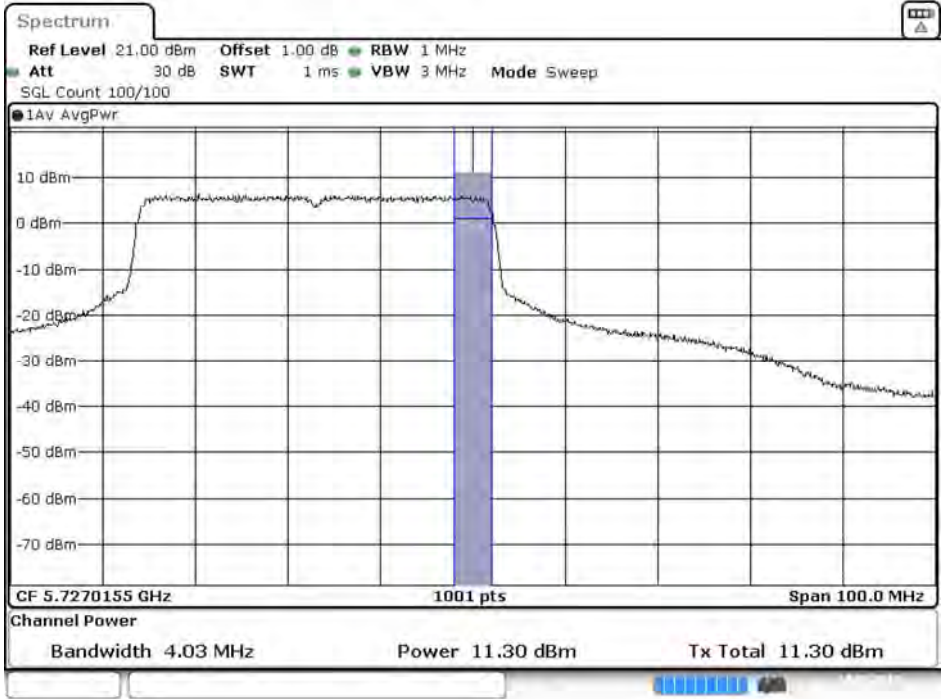
Channel 142



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 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 17: 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：108 年 05 月 13 日

環境濕度：53 %

Cable loss=1.0dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
42	5210	19.14	19.07	19.04	19.01	18.96	18.93	18.90	18.83	18.78	18.74	18.69	18.65
58	5290	18.22	18.17	18.12	18.08	18.03	18.00	17.93	17.85	17.81	17.78	17.73	17.69
106	5530	18.45	--	--	--	--	--	--	--	--	--	--	--
122	5610	20.54	20.48	20.45	20.41	20.36	20.33	20.29	20.25	20.20	20.13	20.10	20.07
138 (U-NII-2C)	5690	20.75	--	--	--	--	--	--	--	--	--	--	--
138 (U-NII-3)	5690	5.02	--	--	--	--	--	--	--	--	--	--	--
155	5775	19.07	19.02	18.99	18.96	18.91	18.87	18.82	18.76	18.73	18.67	18.64	18.60

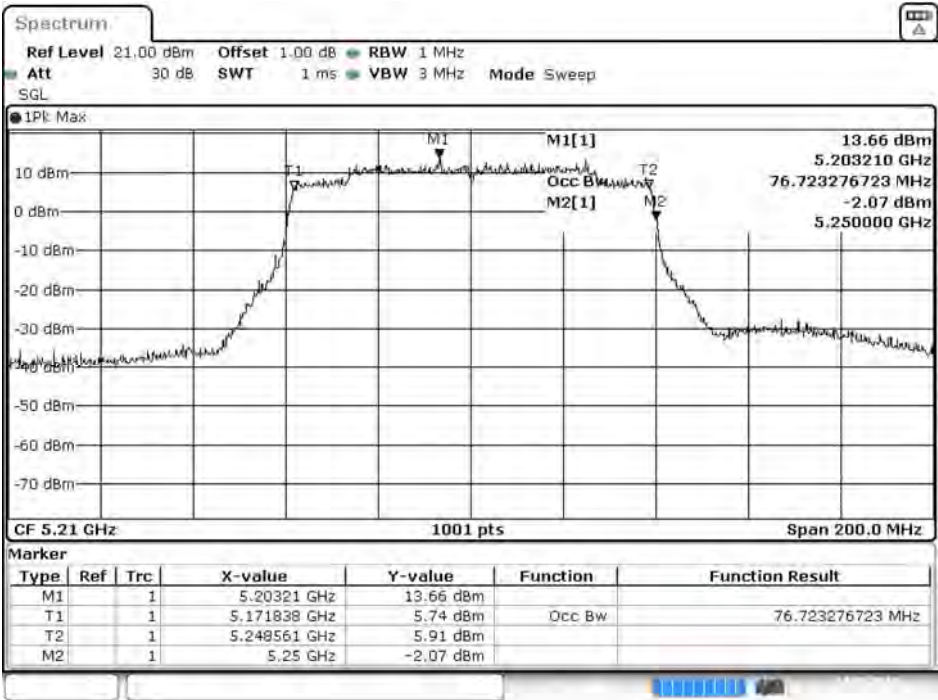
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement:

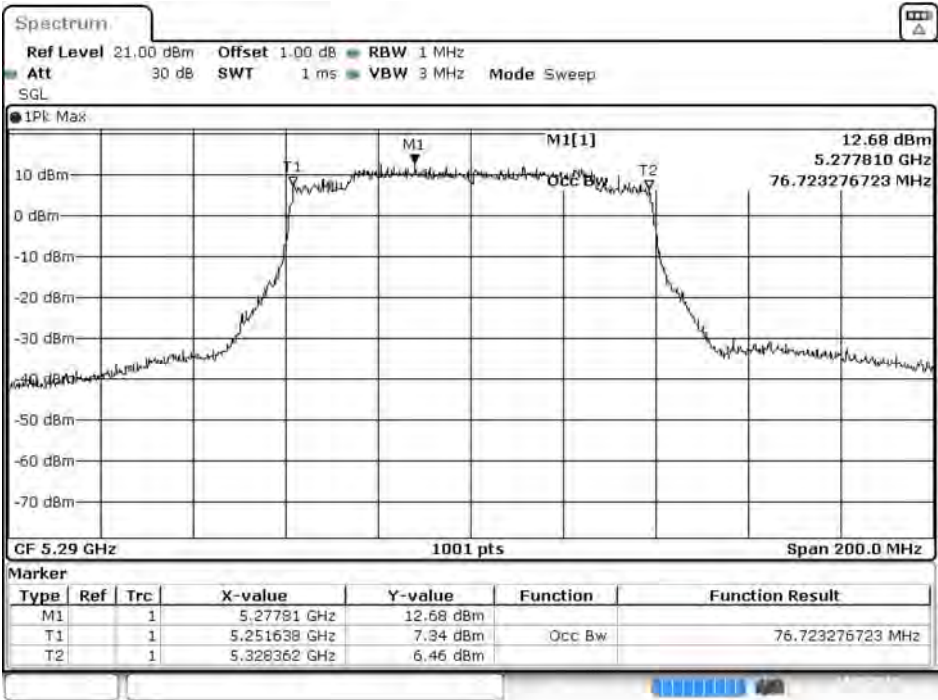
Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
42	5210	--	19.14	24	--
58	5290	76.723	18.22	24	29.85
106	5530	76.923	18.45	24	29.86
122	5610	76.923	20.54	24	29.86
138 (U-NII-2C)	5690	73.662	20.75	24	29.67
138 (U-NII-3)	5690	--	5.02	30	--
155	5775	--	19.07	30	--

99% Occupied Bandwidth:

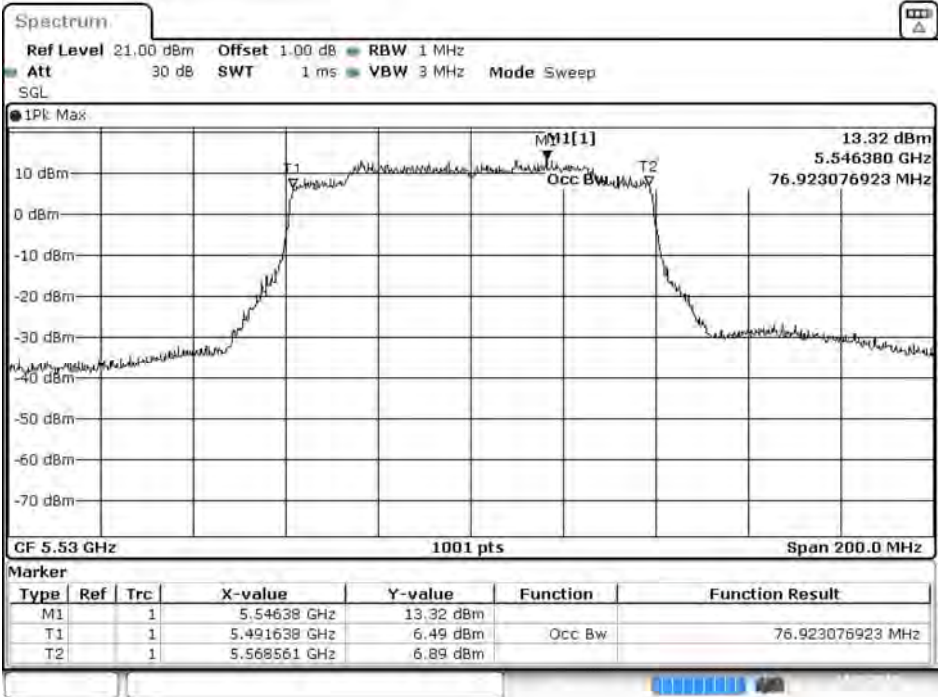
Channel 42



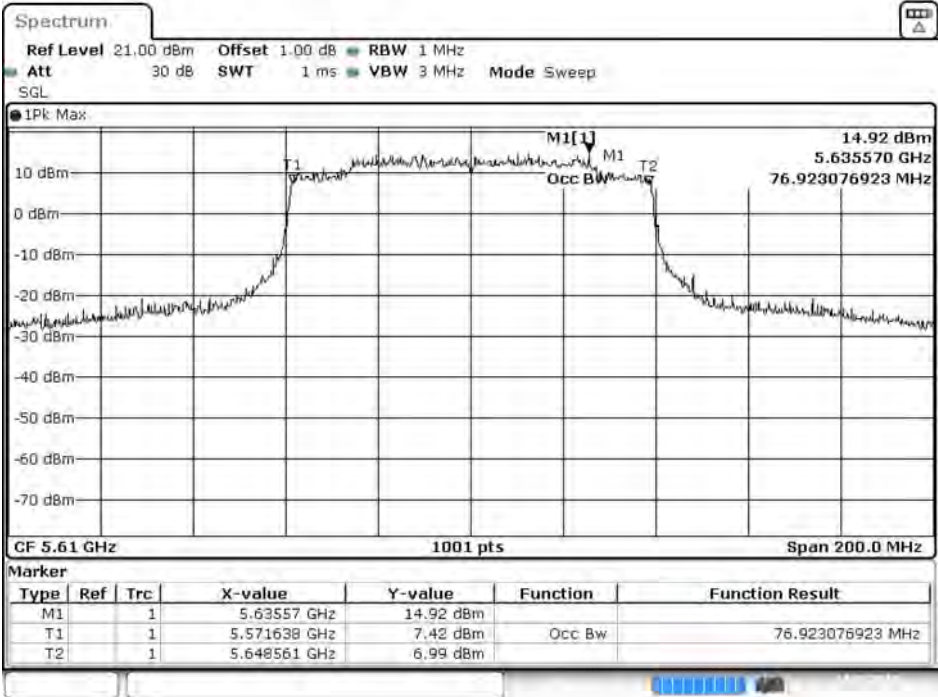
Channel 58



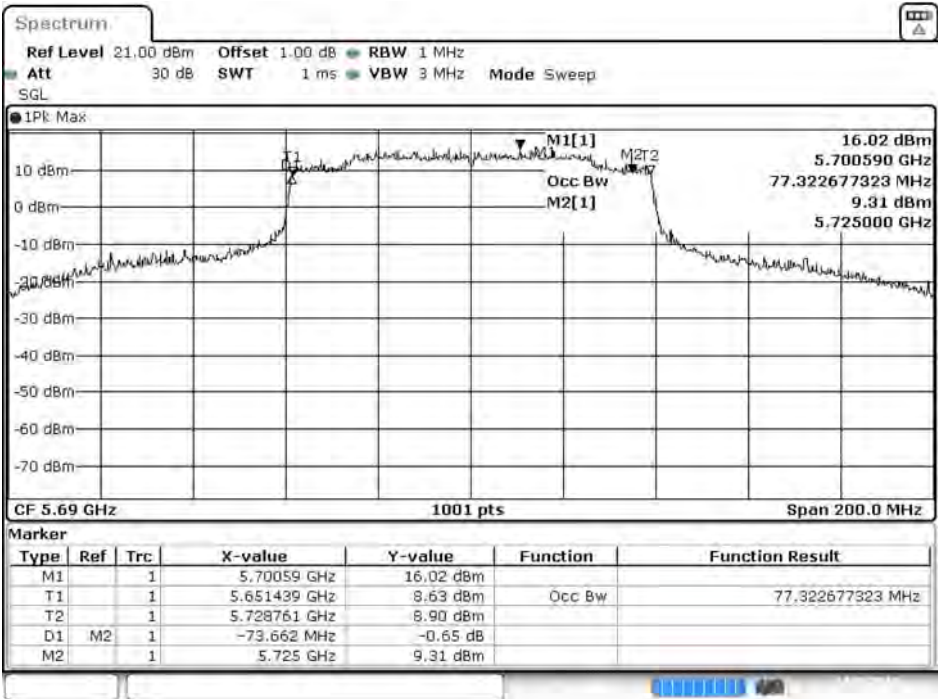
Channel 106



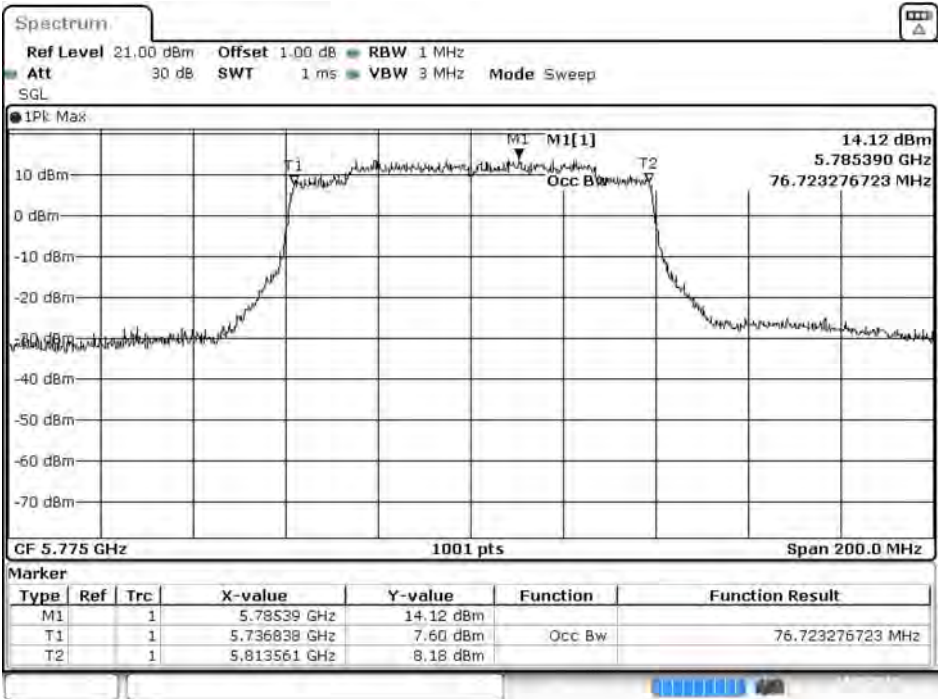
Channel 122



Channel 138

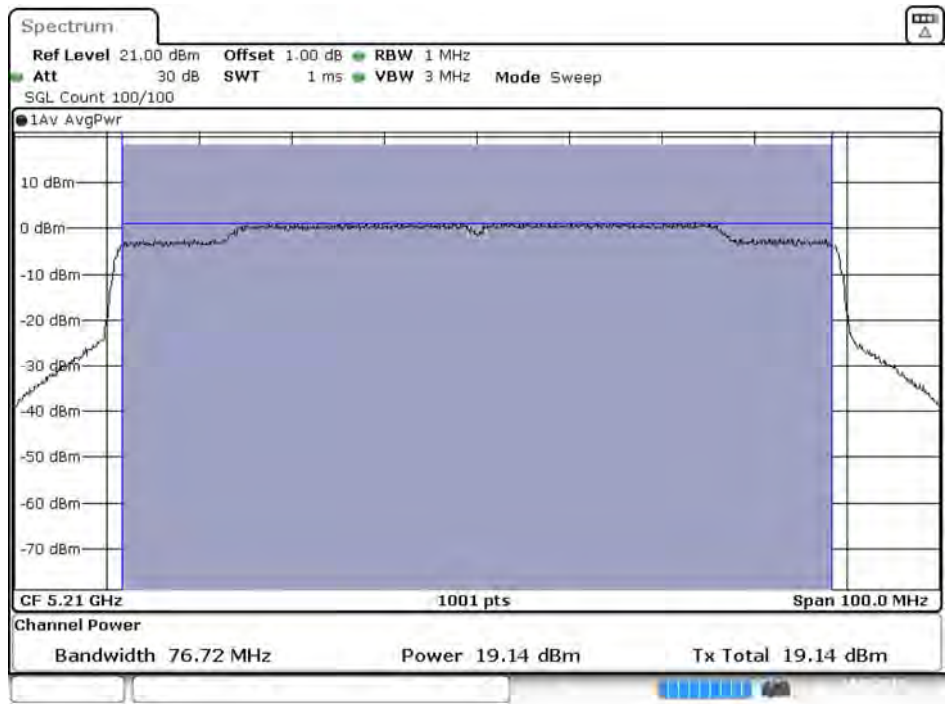


Channel 155



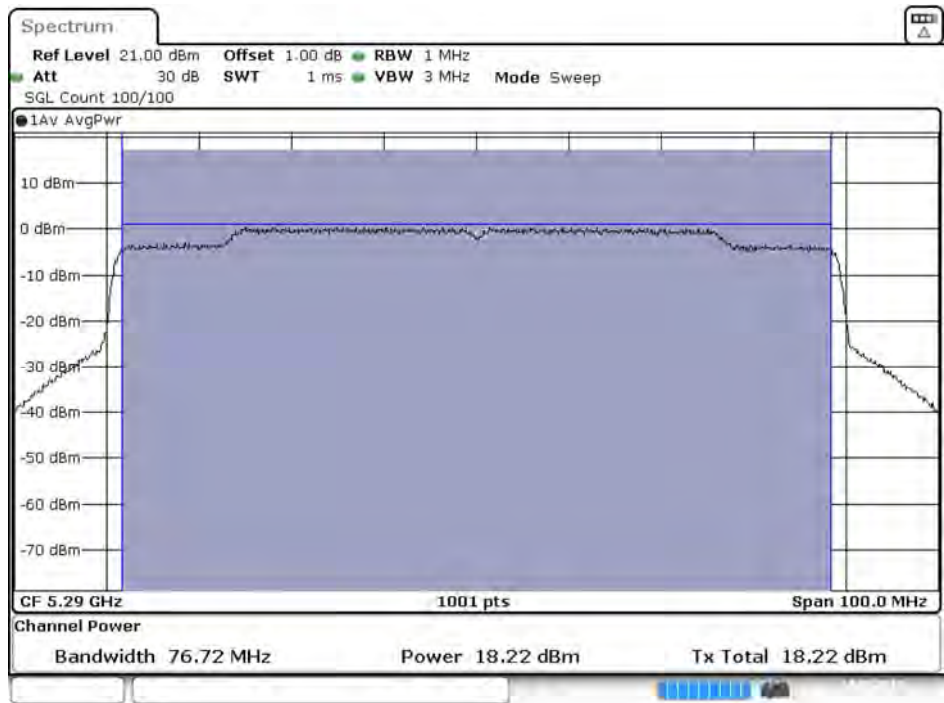
Maximum conducted output power:

Channel 42

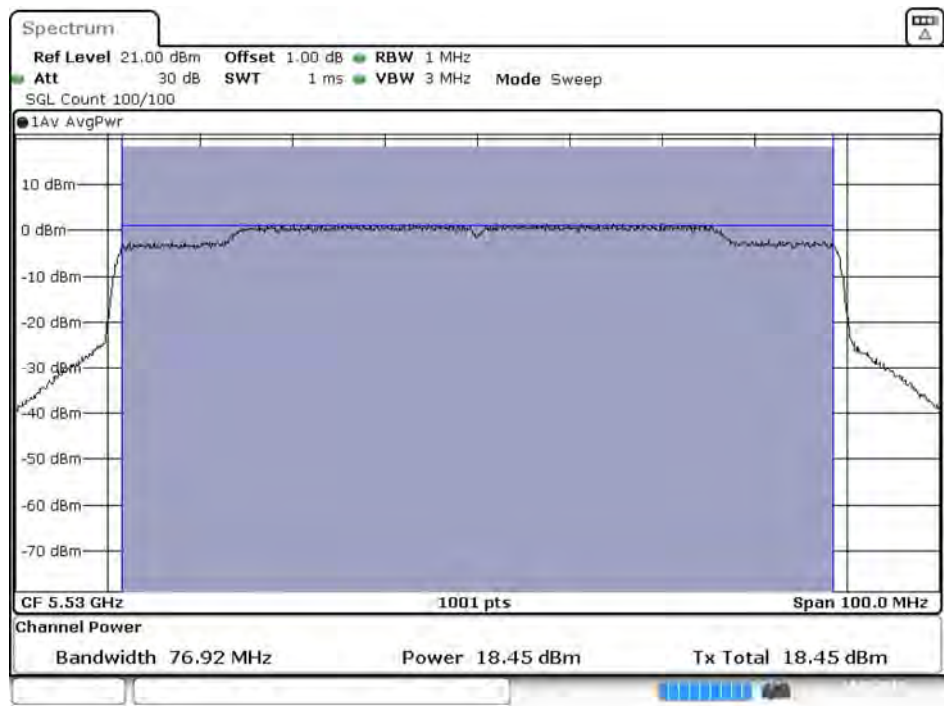


Maximum conducted output power:

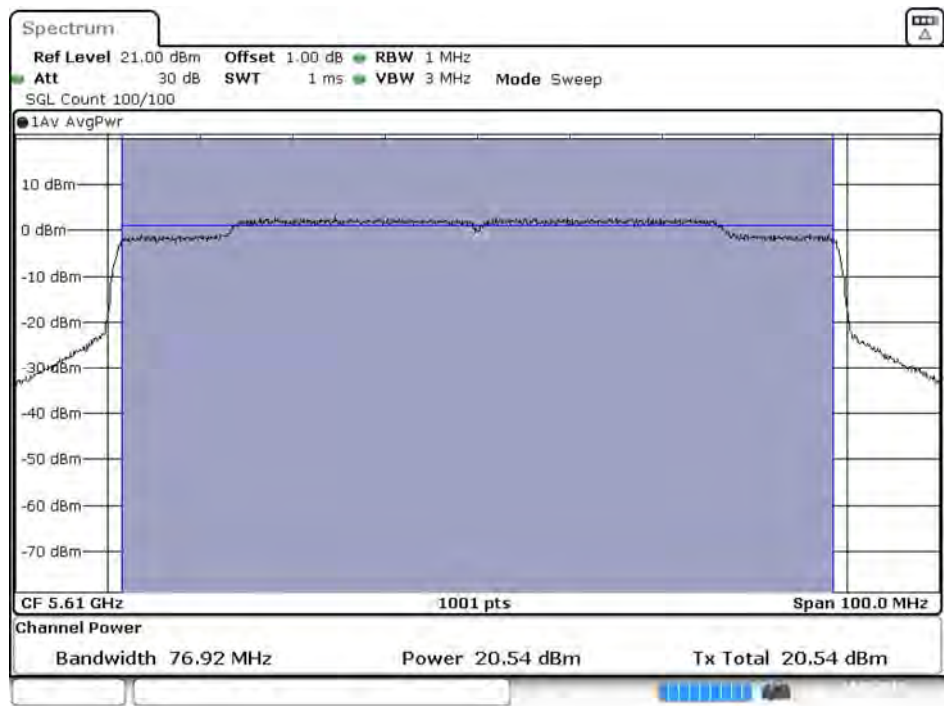
Channel 58



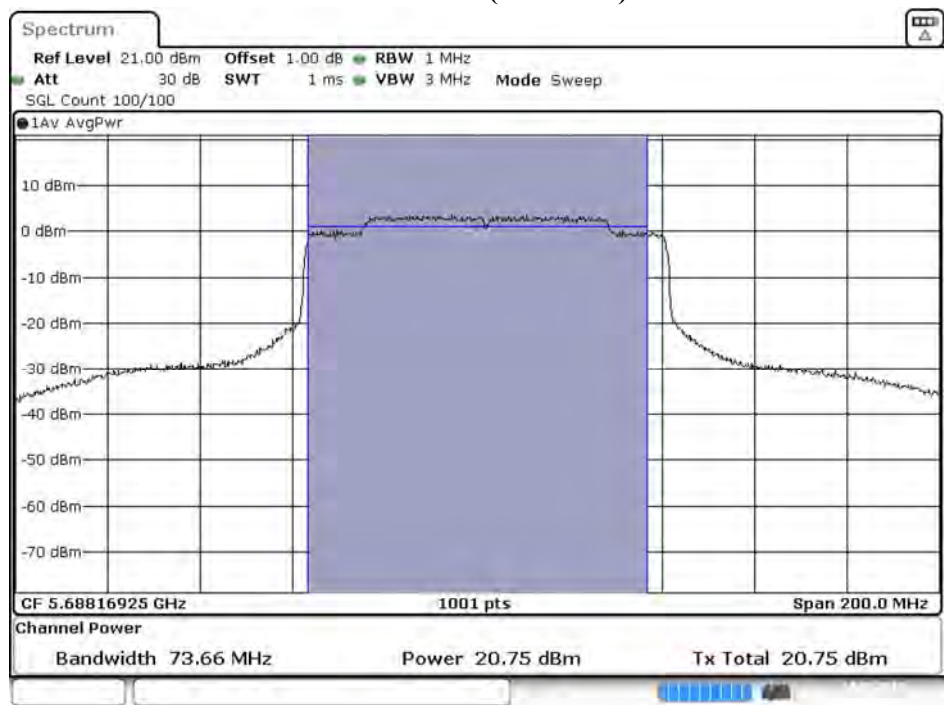
Maximum conducted output power:
Channel 106



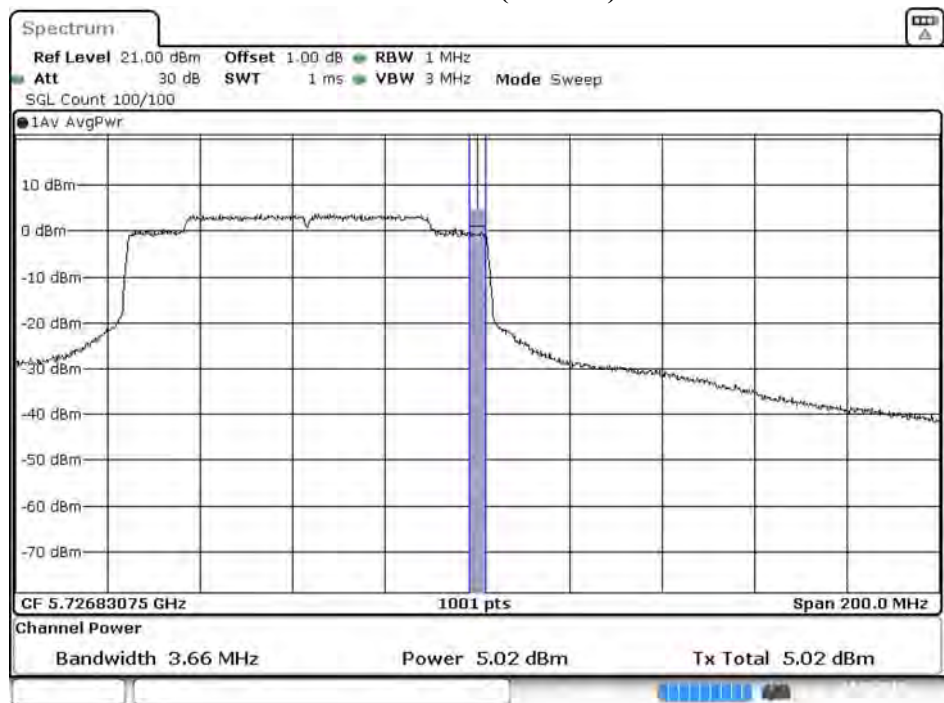
Maximum conducted output power:
Channel 122



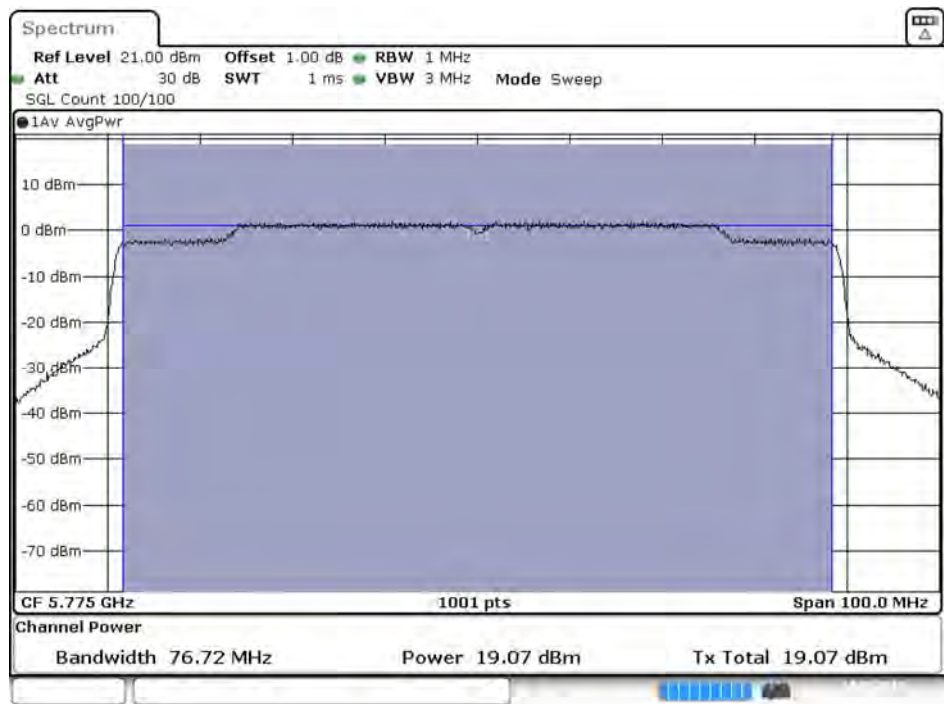
Maximum conducted output power:
Channel 138 (U-NII-2C)



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



Maximum conducted output power:
Channel 155



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 18: 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：108 年 05 月 13 日

環境濕度：53 %

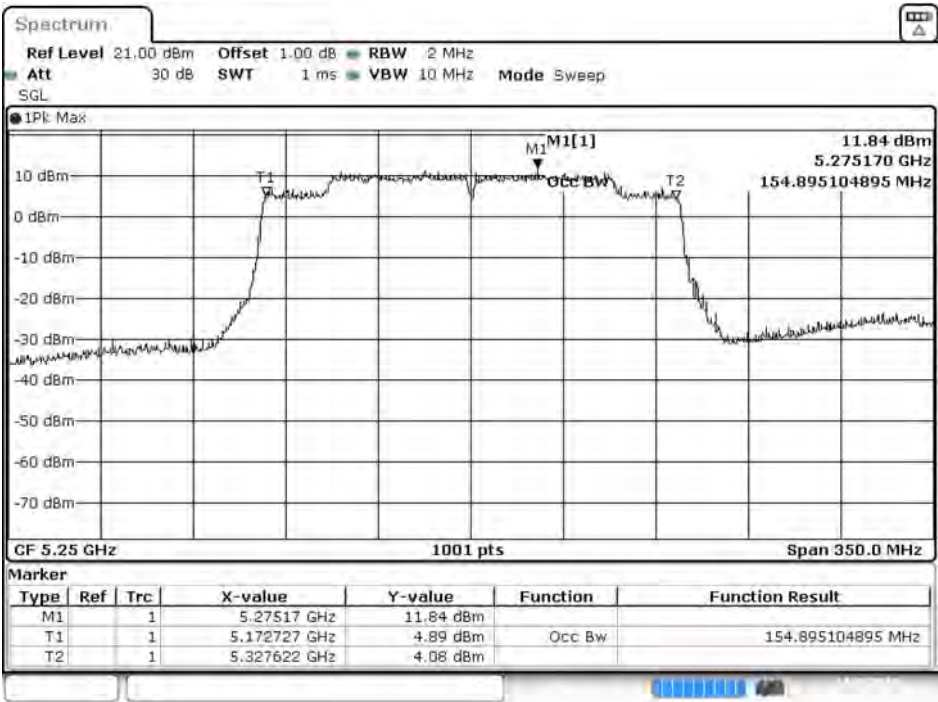
Cable loss=1.0dB		Maximum conducted output power											
Channel No	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
50 (U-NII-1)	5250	13.44	13.41	13.36	13.29	13.22	13.15	13.12	13.08	13.02	12.97	12.94	12.91
50 (U-NII-2A)	5250	13.43	13.40	13.35	13.31	13.26	13.17	13.12	13.06	13.01	12.97	12.91	12.85
114	5570	17.36	17.30	17.25	17.21	17.14	17.11	17.07	17.04	17.00	16.92	16.89	16.83

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

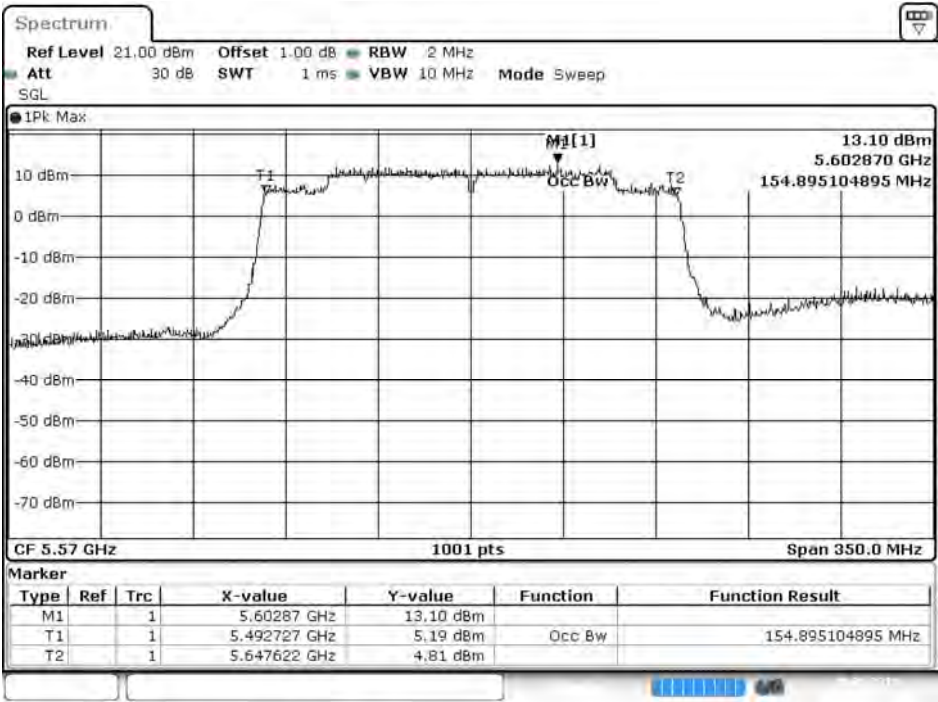
Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	dBm+10log(BW)
50 (U-NII-1)	5250	--	13.44	24	--
50 (U-NII-2A)	5250	77.448	13.43	24	29.89
114	5570	154.895	17.36	24	32.90

99% Occupied Bandwidth:
Channel 50

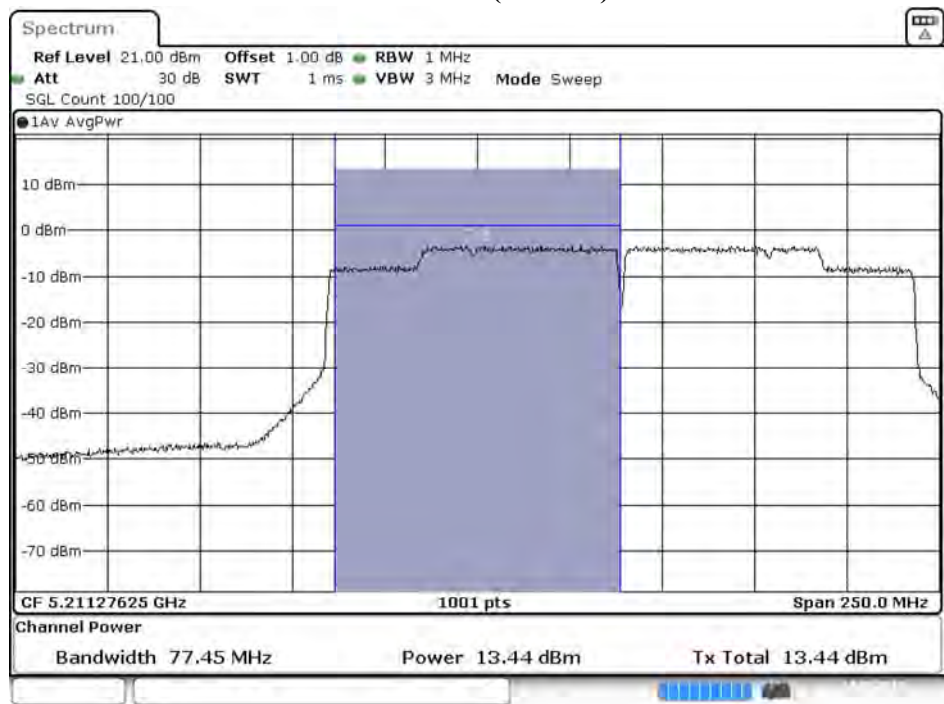


Channel 114

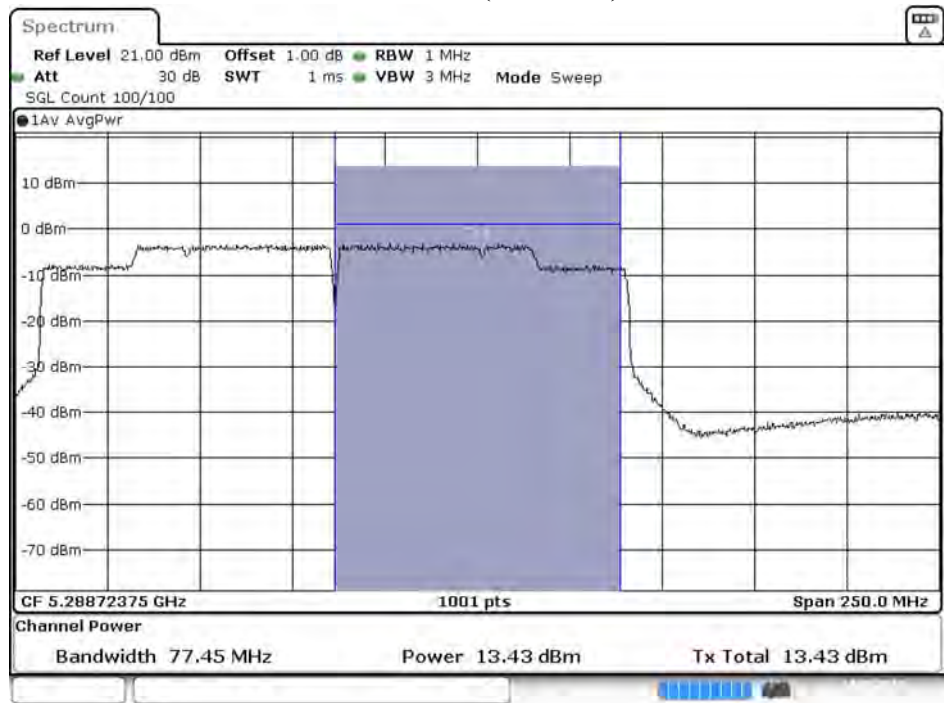


Date: 8 MAY 2019 13:38:28

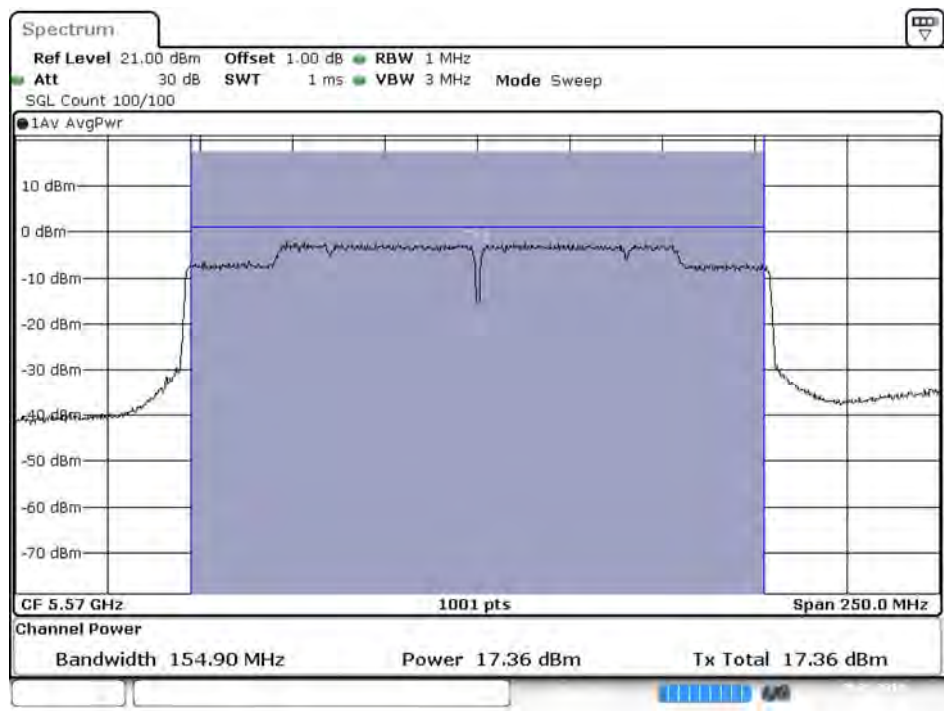
Maximum conducted output power:
Channel 50 (U-NII-1)



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



Maximum conducted output power:
Channel 114



Date: 8 MAY 2019 13:39:07

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200D2WL

測試項目：峰值發射功率

測試頻道：--

測試模式：Mode 23: MIMO: 發射器 802.11ax-20BW

檢測器：峰值

環境溫度：21 °C

測試日期：108 年 05 月 13 日

環境濕度：53 %

Chain A

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
36	5180	17.97	--	--	--	--	--	--	--	--	--	--	--
44	5220	17.58	17.55	17.49	17.45	17.40	17.36	17.32	17.27	17.22	17.18	17.14	17.08
48	5240	17.44	--	--	--	--	--	--	--	--	--	--	--
52	5260	17.58	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.49	17.44	17.41	17.36	17.32	17.28	17.24	17.20	17.16	17.12	17.09	17.04
64	5320	17.61	--	--	--	--	--	--	--	--	--	--	--
100	5500	17.48	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.67	17.63	17.59	17.55	17.51	17.48	17.43	17.39	17.35	17.31	17.28	17.23
140	5700	17.86	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.44	16.41	16.37	16.33	16.30	16.27	16.23	16.19	16.15	16.12	16.09	16.05
144(U-NII-3)	5720	11.32	11.28	11.24	11.20	11.17	11.12	11.08	11.05	11.00	10.96	10.92	10.88
149	5745	17.78	--	--	--	--	--	--	--	--	--	--	--
157	5785	17.75	17.73	17.68	17.65	17.61	17.58	17.55	17.51	17.47	17.44	17.40	17.37
165	5825	17.66	--	--	--	--	--	--	--	--	--	--	--

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

Chain B

Cable loss=1.0dB		Maximum conducted output power											
Channel No.	Frequency (MHz)	Data Rate											
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9	MCS10	MCS11
36	5180	17.87	--	--	--	--	--	--	--	--	--	--	--
44	5220	17.51	17.48	17.44	17.40	17.37	17.33	17.31	17.26	17.23	17.19	17.16	17.12
48	5240	17.59	--	--	--	--	--	--	--	--	--	--	--
52	5260	17.63	--	--	--	--	--	--	--	--	--	--	--
60	5300	17.51	17.48	17.43	17.39	17.35	17.32	17.27	17.23	17.18	17.15	17.11	17.07
64	5320	17.62	--	--	--	--	--	--	--	--	--	--	--
100	5500	17.55	--	--	--	--	--	--	--	--	--	--	--
116	5580	17.62	17.58	17.55	17.51	17.47	17.43	17.40	17.37	17.33	17.30	17.27	17.23
140	5700	17.89	--	--	--	--	--	--	--	--	--	--	--
144(U-NII-2C)	5720	16.28	16.22	16.19	16.14	16.09	16.04	16.00	15.96	15.91	15.87	15.83	15.78
144(U-NII-3)	5720	11.38	11.34	11.29	11.24	11.20	11.15	11.11	11.07	11.02	10.97	10.93	10.88
149	5745	17.77	--	--	--	--	--	--	--	--	--	--	--
157	5785	17.79	17.76	17.73	17.71	17.67	17.64	17.61	17.58	17.55	17.52	17.48	17.46
165	5825	17.53	--	--	--	--	--	--	--	--	--	--	--

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

Maximum conducted output power Measurement:

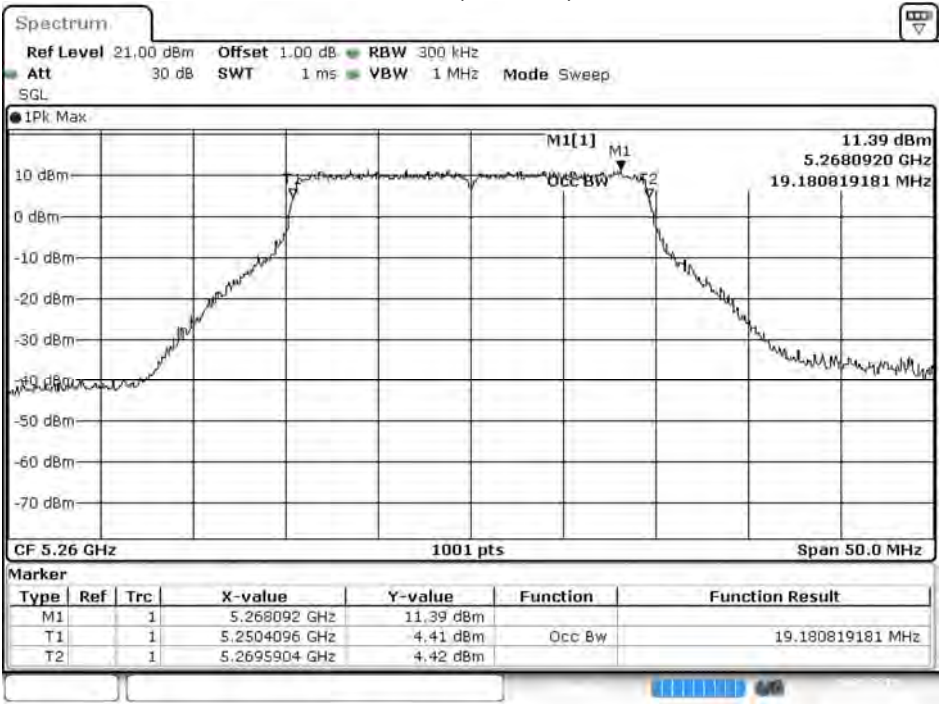
Channel Number	Frequency (MHz)	99% Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	dBm+10log(BW)
36	5180	--	17.97	17.87	20.93	24	--
44	5220	--	17.58	17.51	20.56	24	--
48	5240	--	17.44	17.59	20.53	24	--
52	5260	19.180	17.58	17.63	20.62	24	23.83
60	5300	19.180	17.49	17.51	20.51	24	23.83
64	5320	19.180	17.61	17.62	20.63	24	23.83
100	5500	19.180	17.48	17.55	20.53	24	23.83
116	5580	19.230	17.67	17.62	20.66	24	23.84
140	5700	19.180	17.86	17.89	20.89	24	23.83
144(U-NII-2C)	5720	14.615	16.44	16.28	19.37	24	22.65
144(U-NII-3)	5720	--	11.32	11.38	14.36	30	--
149	5745	--	17.78	17.77	20.79	30	--
157	5785	--	17.75	17.79	20.78	30	--
165	5825	--	17.66	17.53	20.61	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.

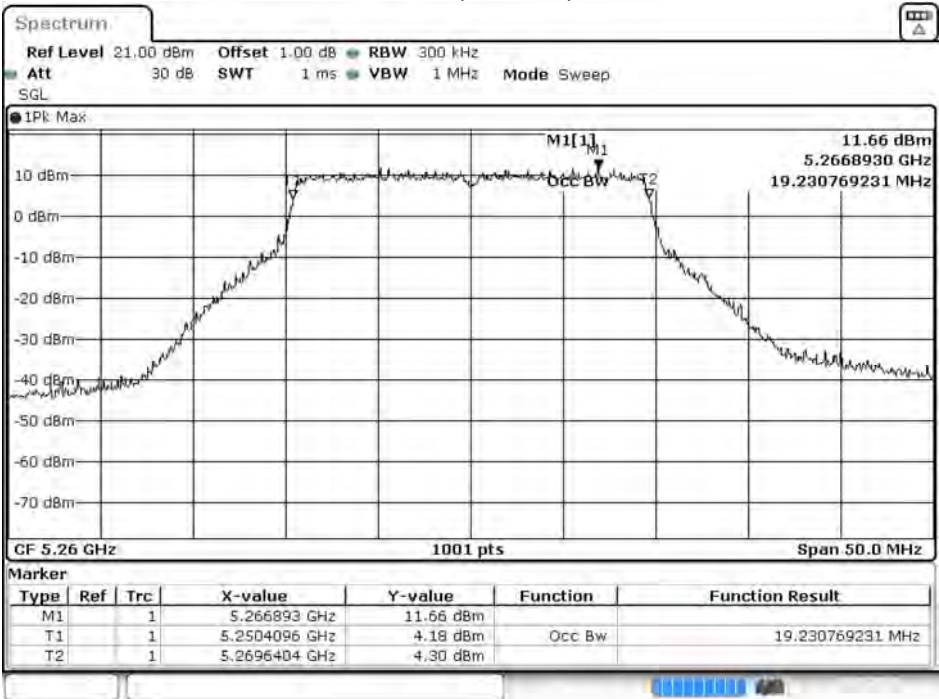
99% Occupied Bandwidth:

Channel 52 (Chain A)

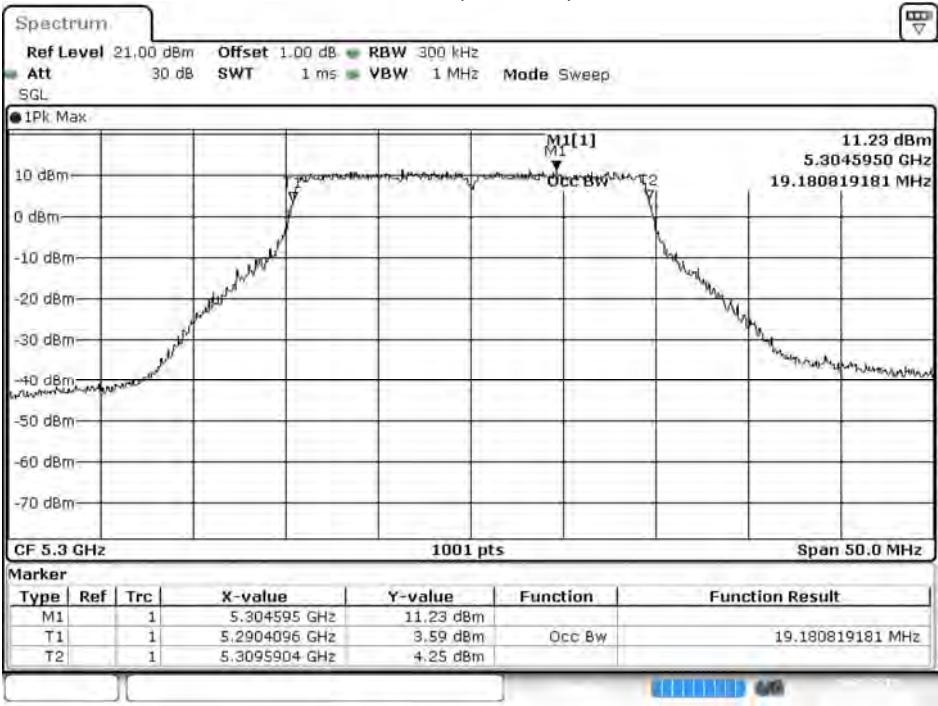


Date: 14.MAY.2019 16:09:58

Channel 52 (Chain B)

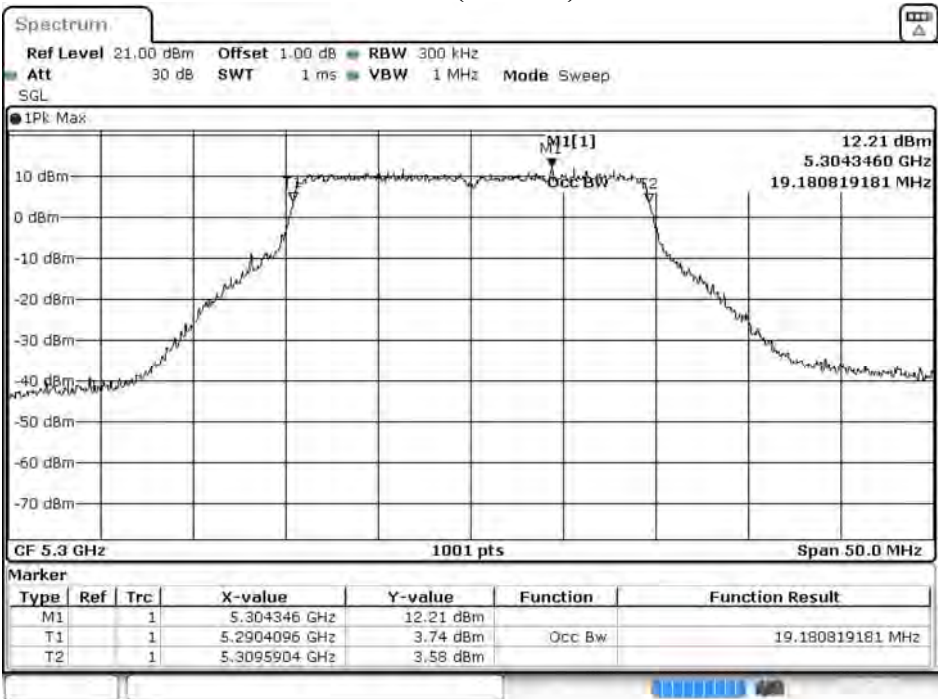


Channel 60 (Chain A)

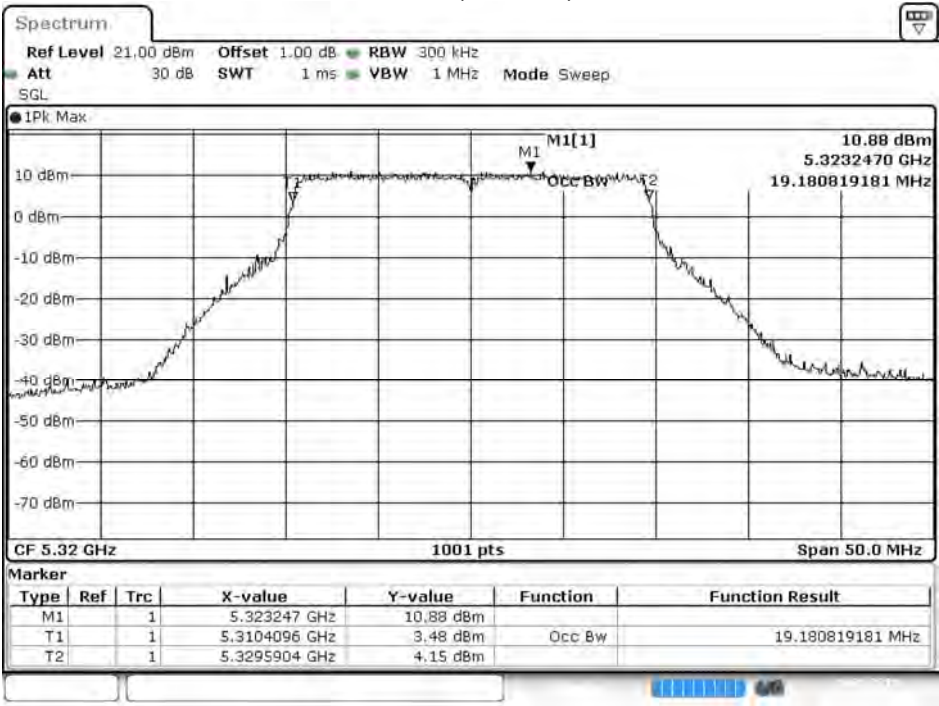


Date: 14.MAY.2019 16:10:30

Channel 60 (Chain B)

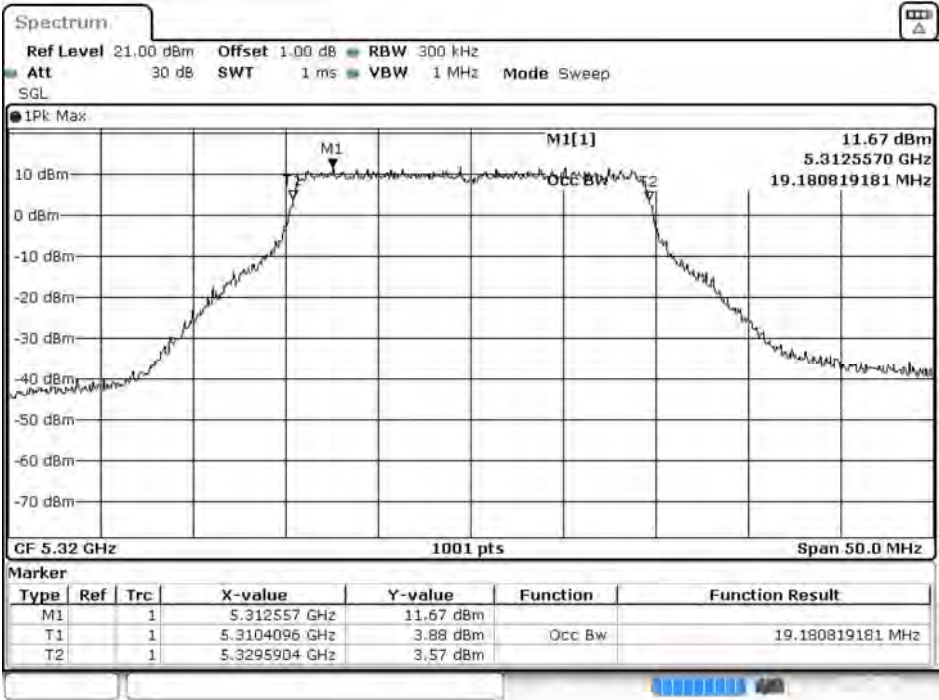


Channel 64 (Chain A)

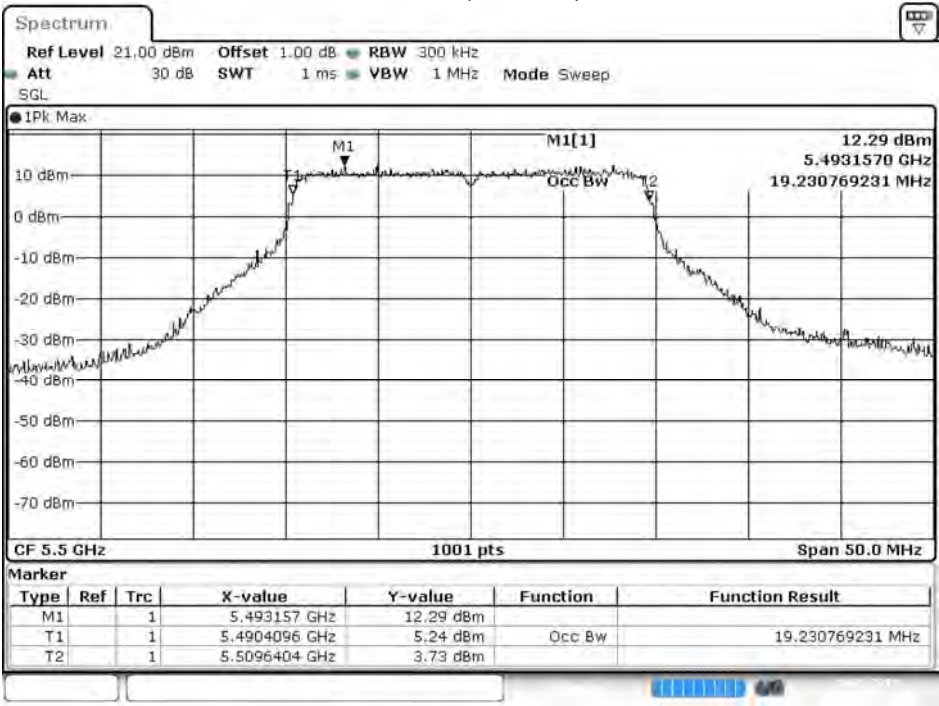


Date: 14.MAY.2019 16:11:04

Channel 64 (Chain B)

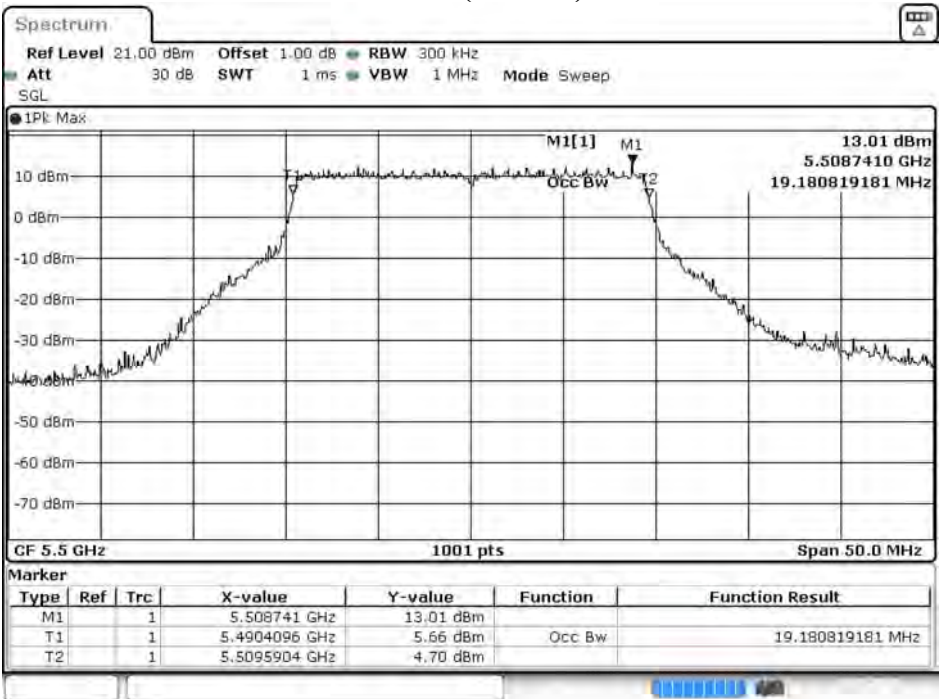


Channel 100 (Chain A)

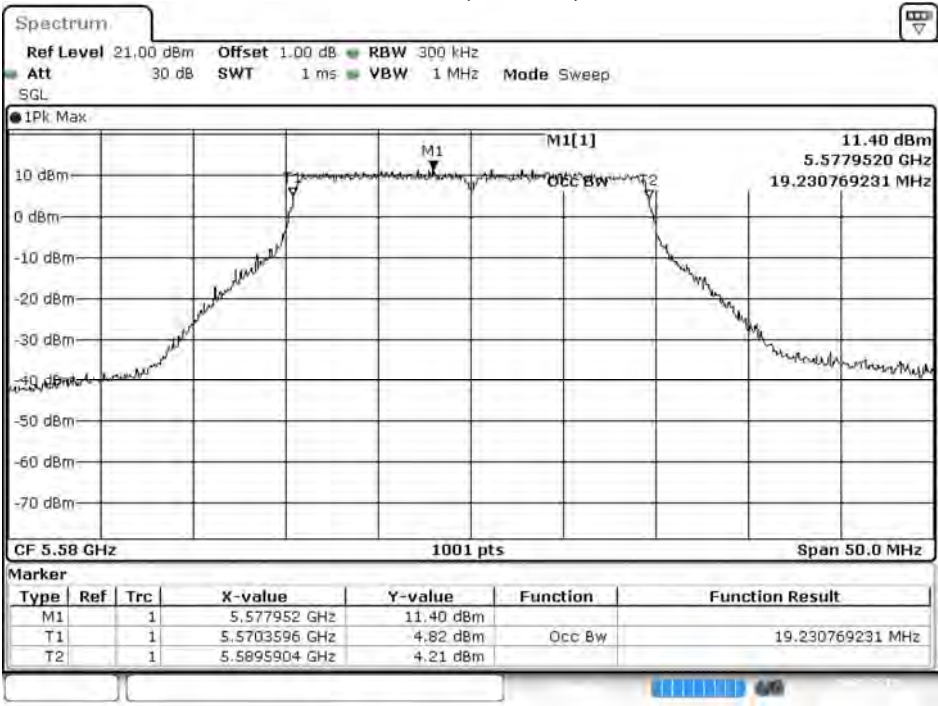


Date: 14.MAY.2019 16:11:57

Channel 100 (Chain B)

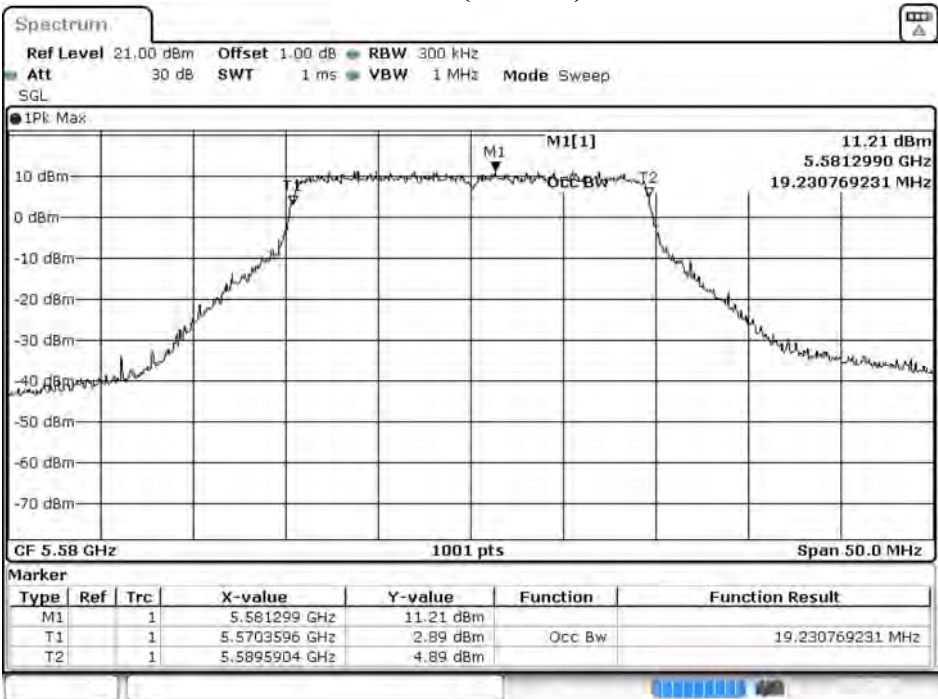


Channel 116 (Chain A)

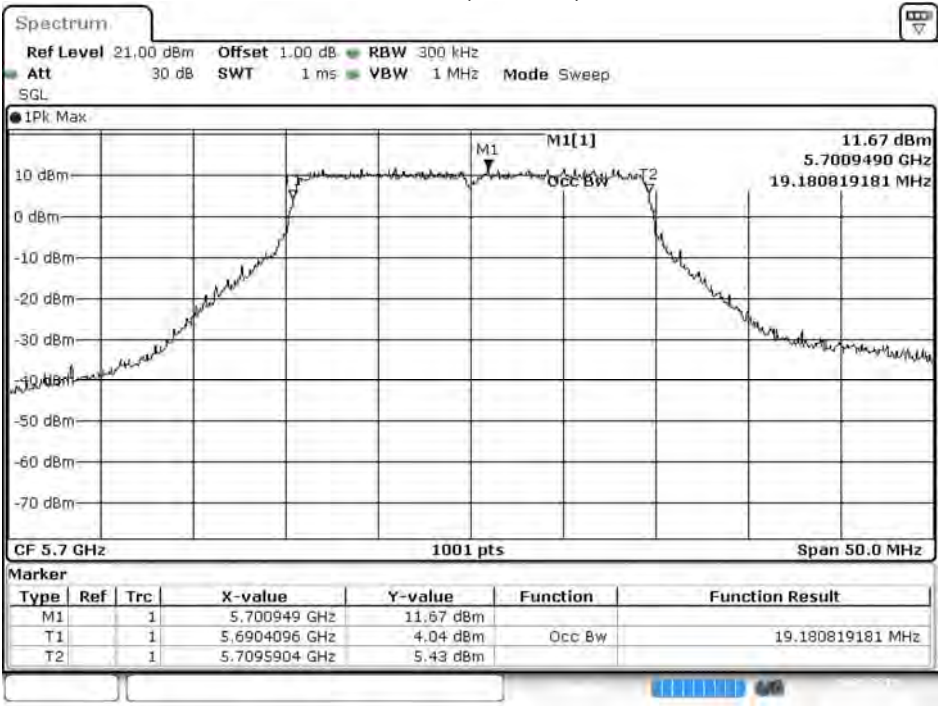


Date: 14.MAY.2019 16:12:48

Channel 116 (Chain B)



Channel 140 (Chain A)



Date: 14.MAY.2019 16:13.22

Channel 140 (Chain B)

