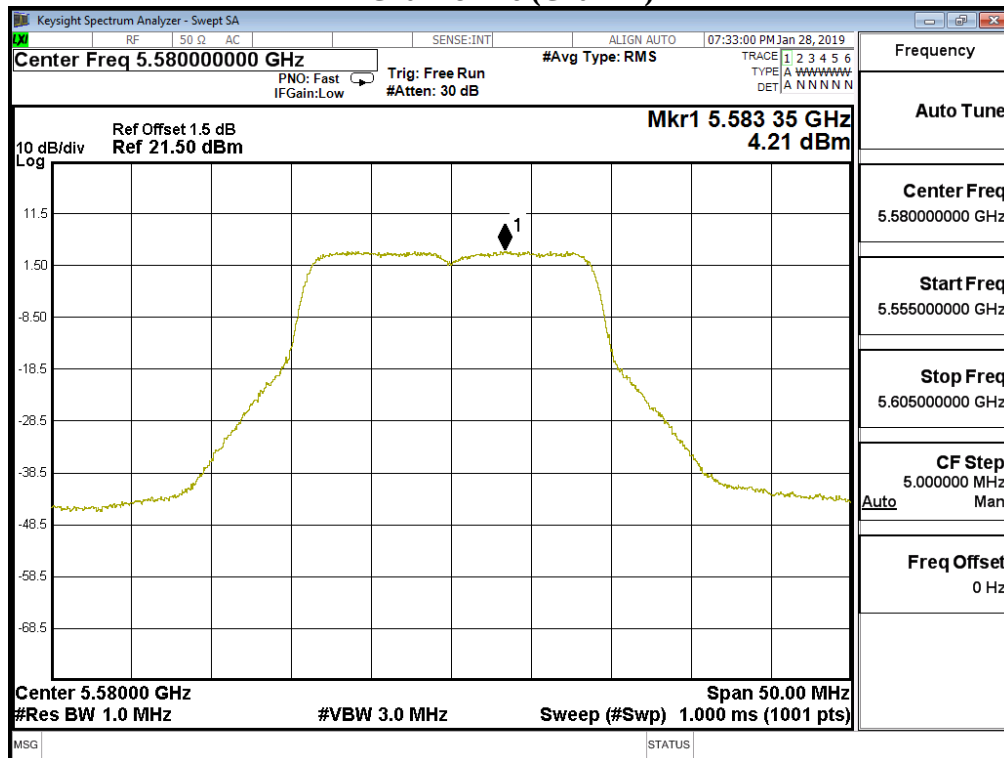
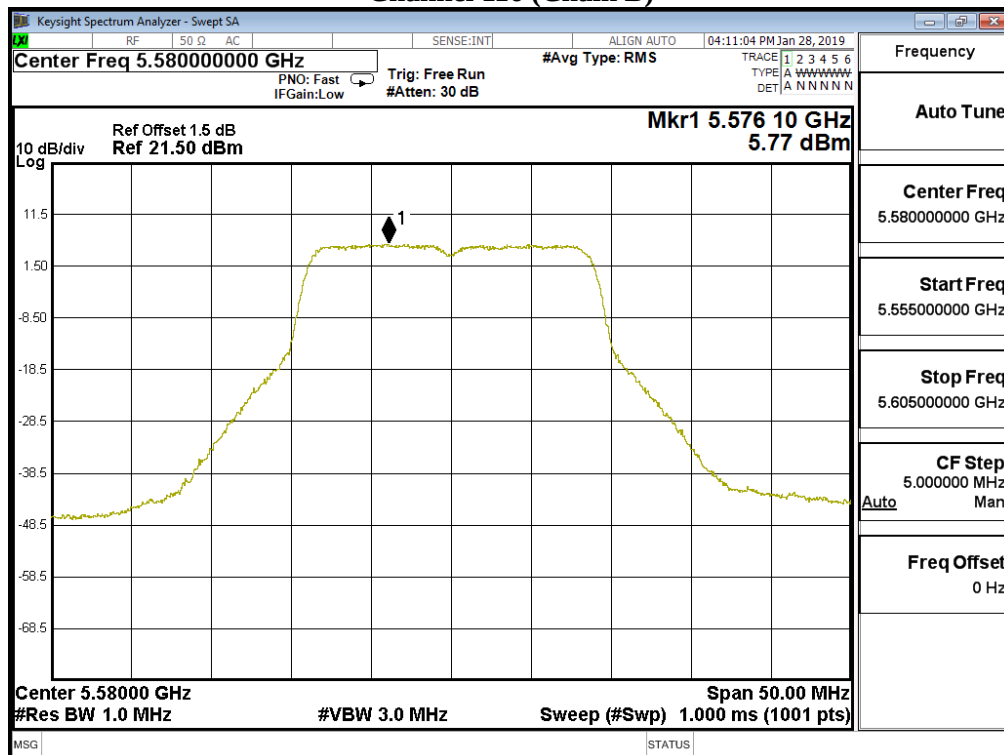


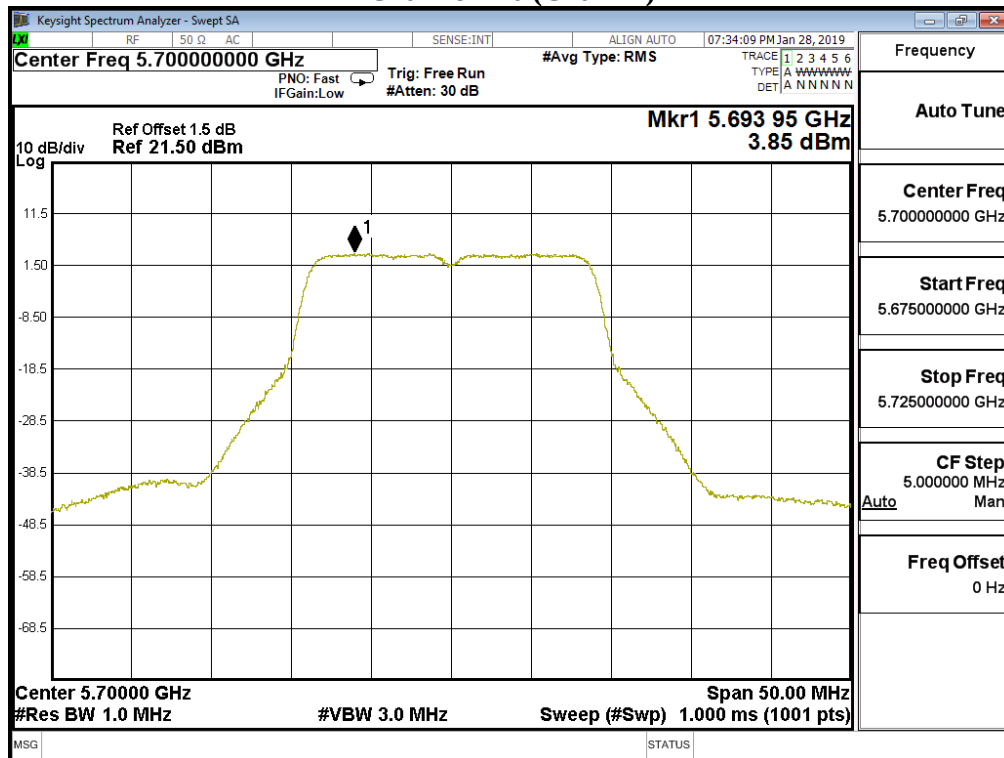
Channel 116 (Chain A)



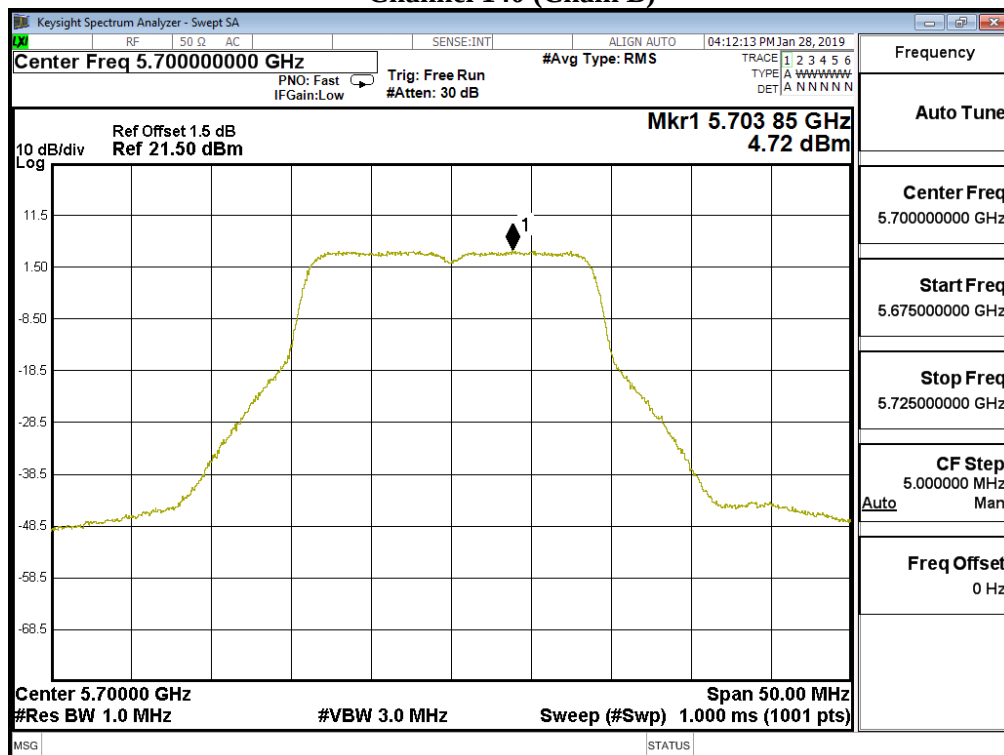
Channel 116 (Chain B)



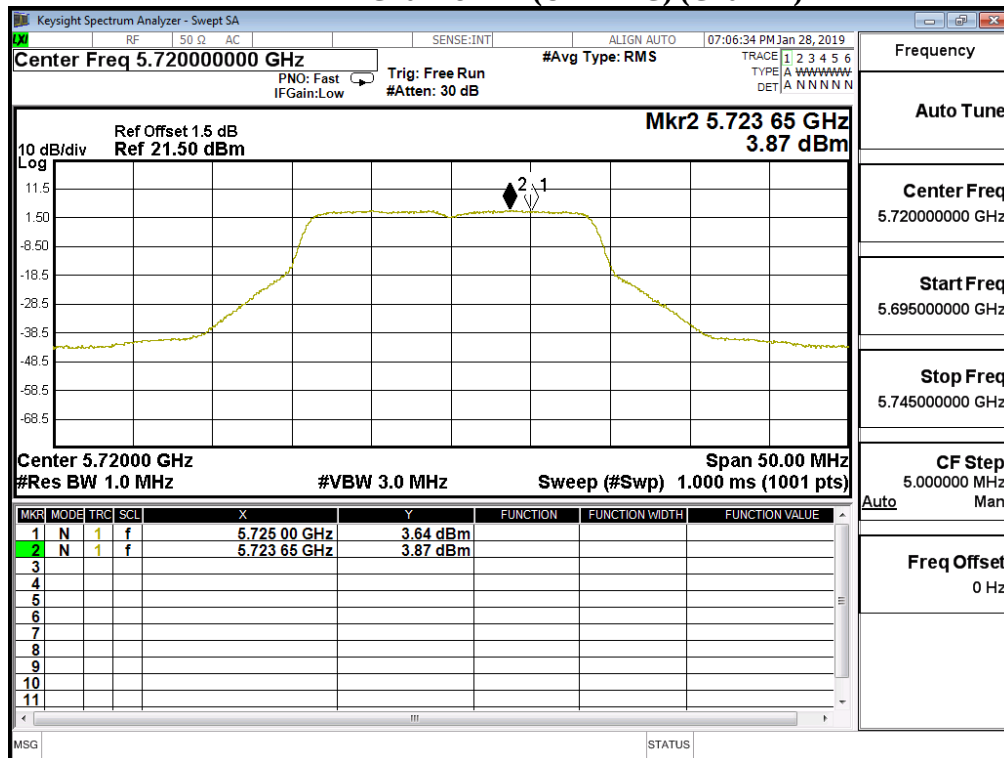
Channel 140 (Chain A)



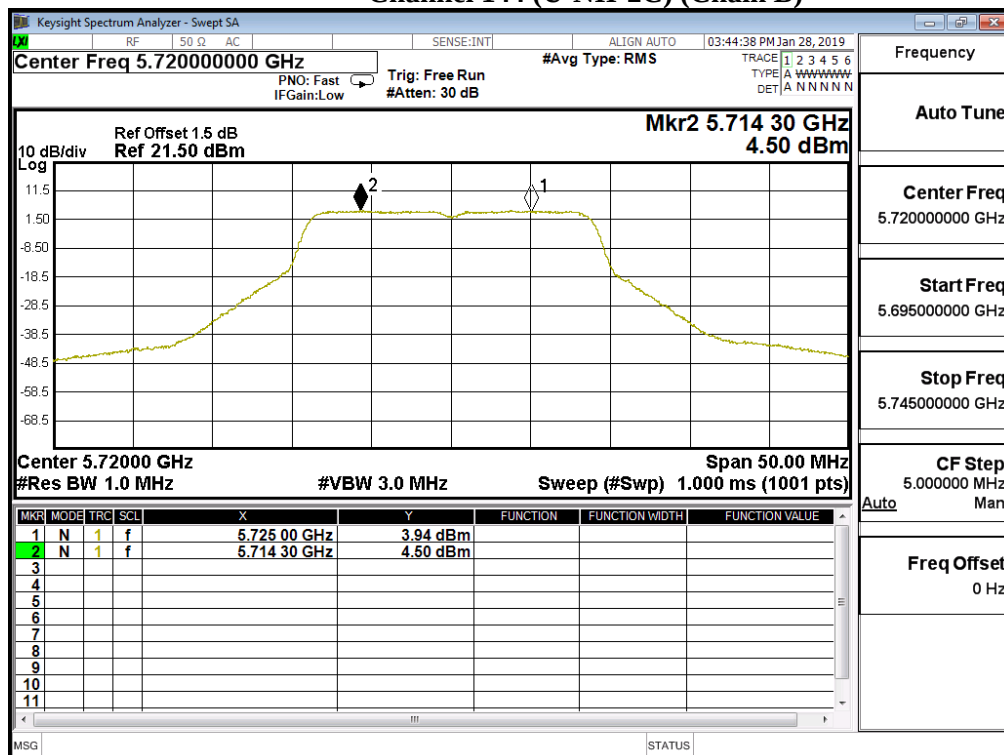
Channel 140 (Chain B)



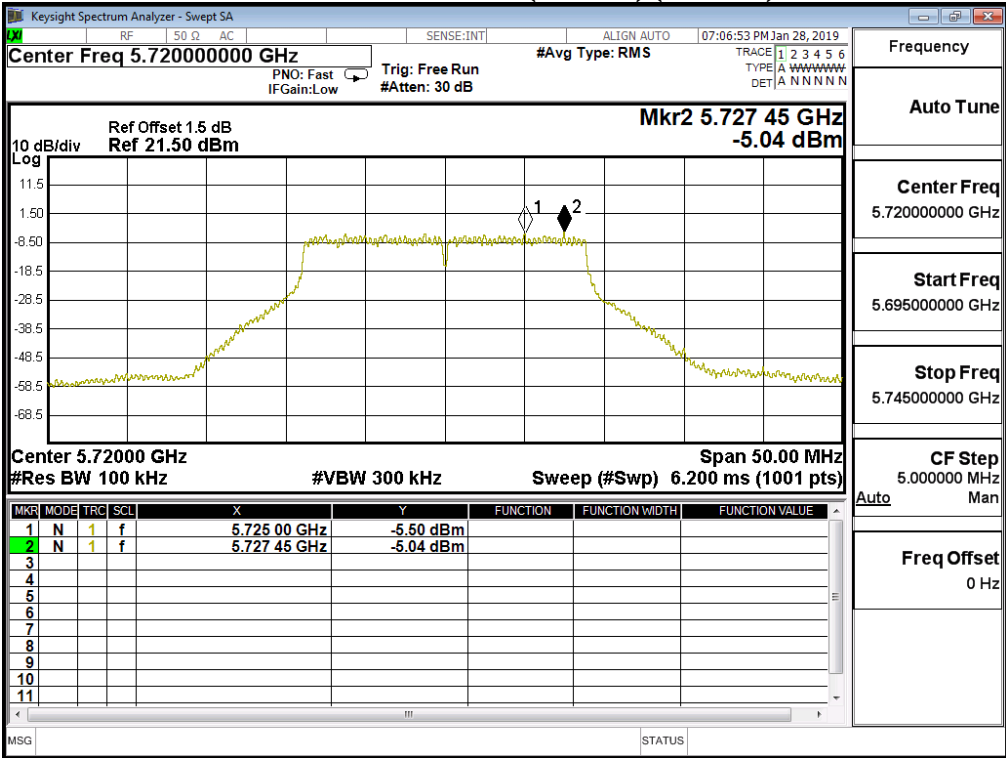
Channel 144 (U-NII-2C) (Chain A)



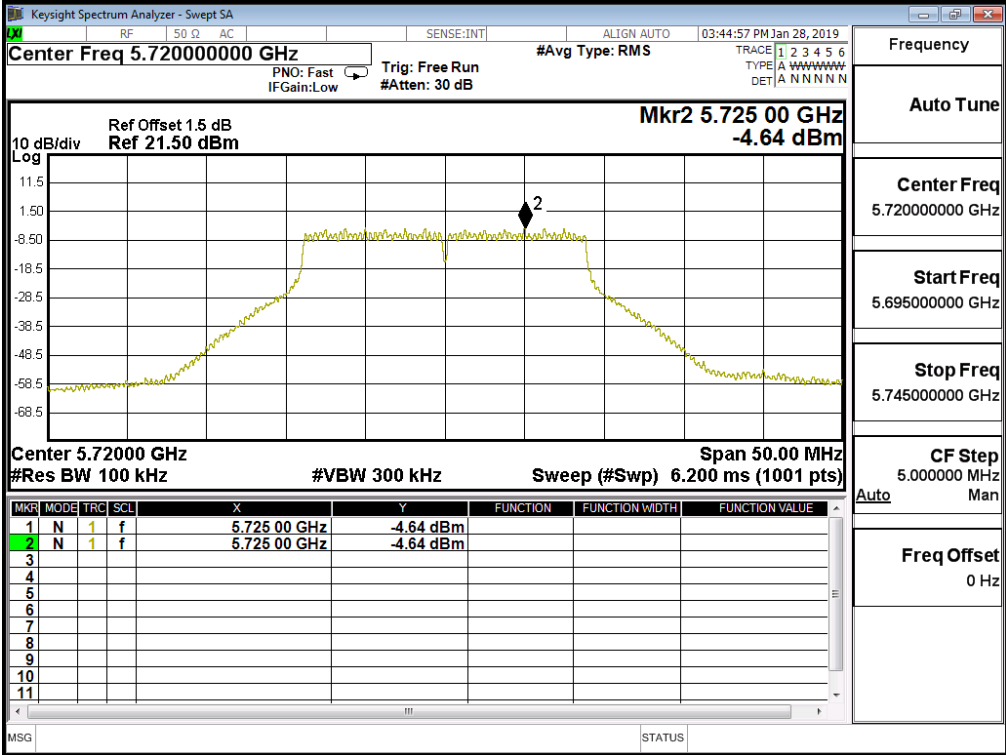
Channel 144 (U-NII-2C) (Chain B)



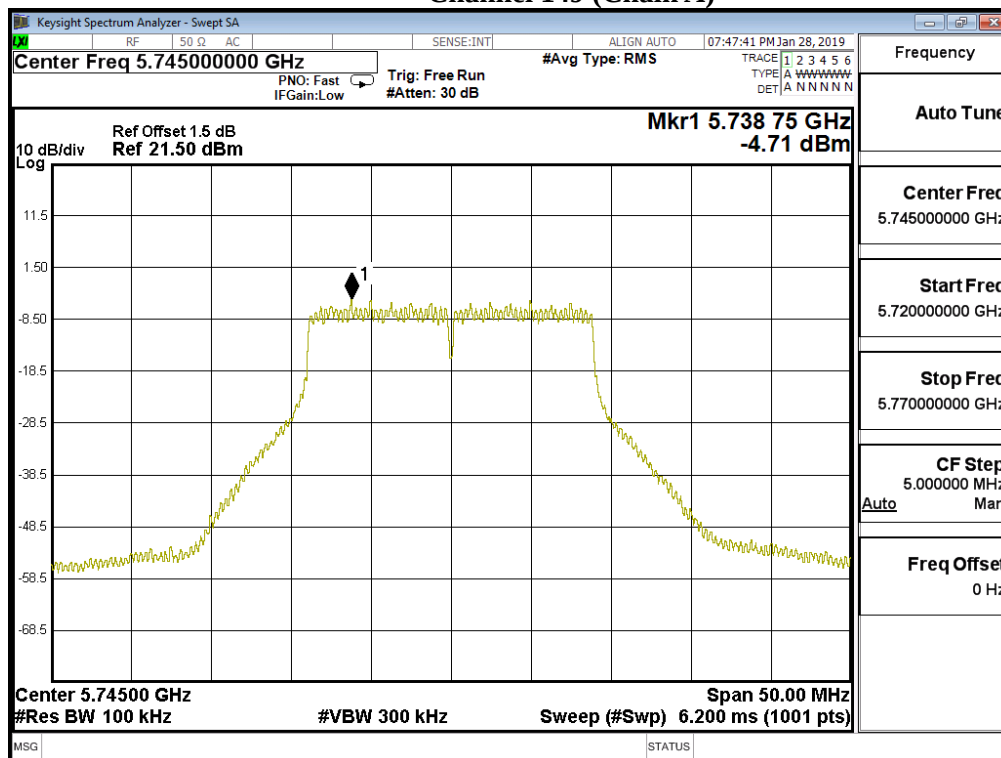
Channel 144 (U-NII-3) (Chain A)



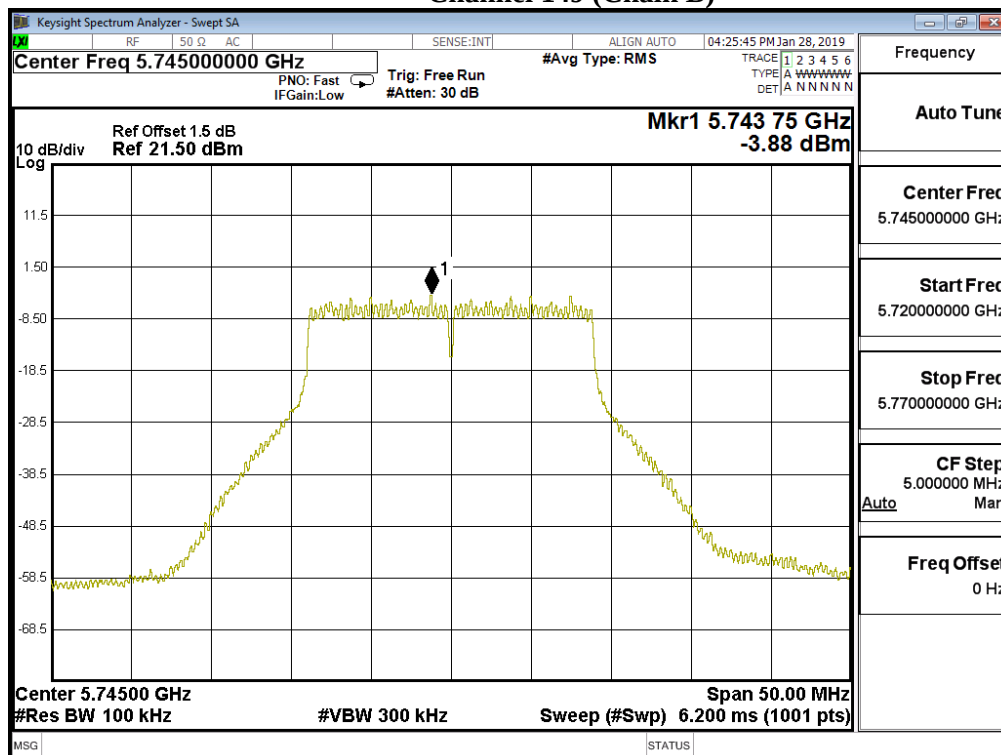
Channel 144 (U-NII-3) (Chain B)



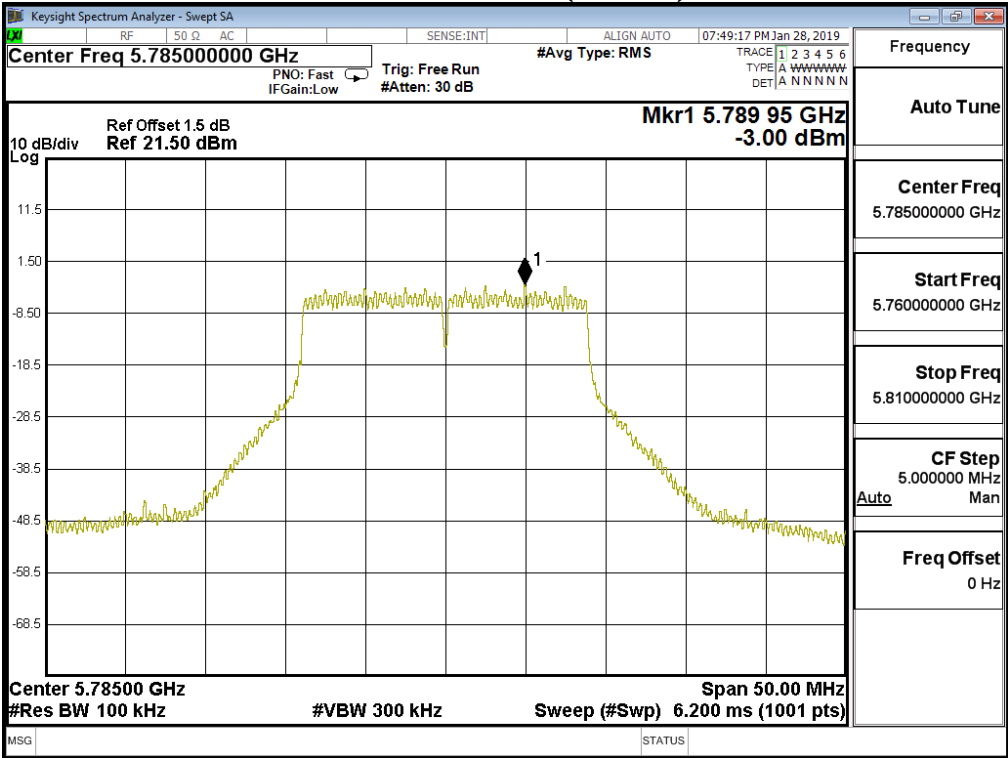
Channel 149 (Chain A)



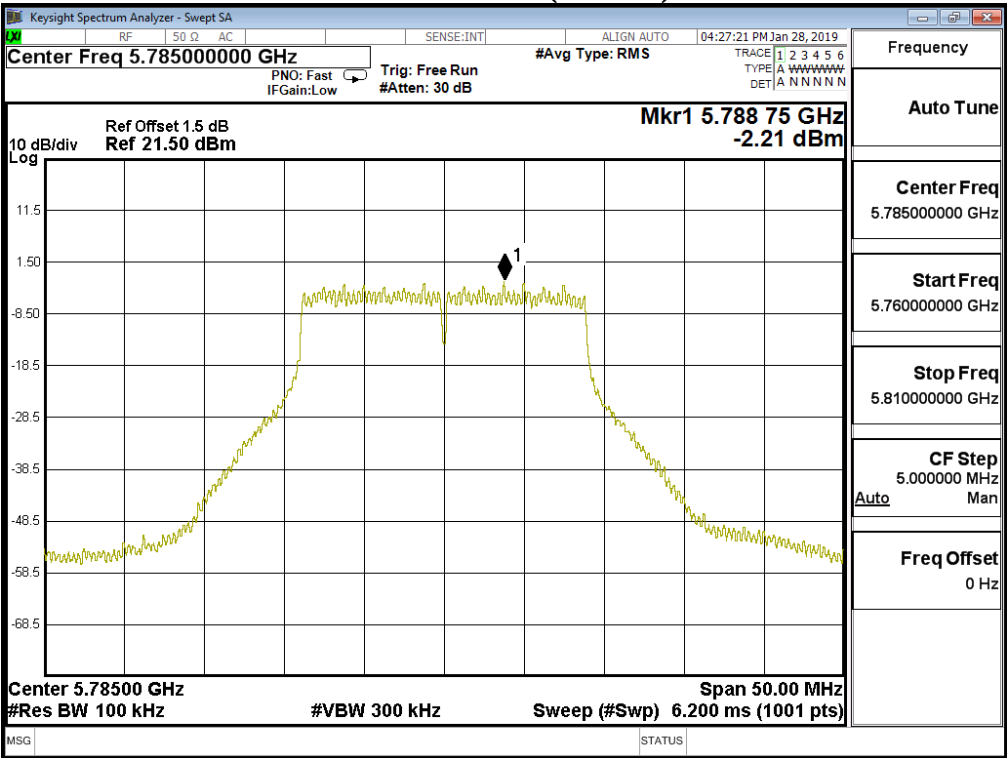
Channel 149 (Chain B)



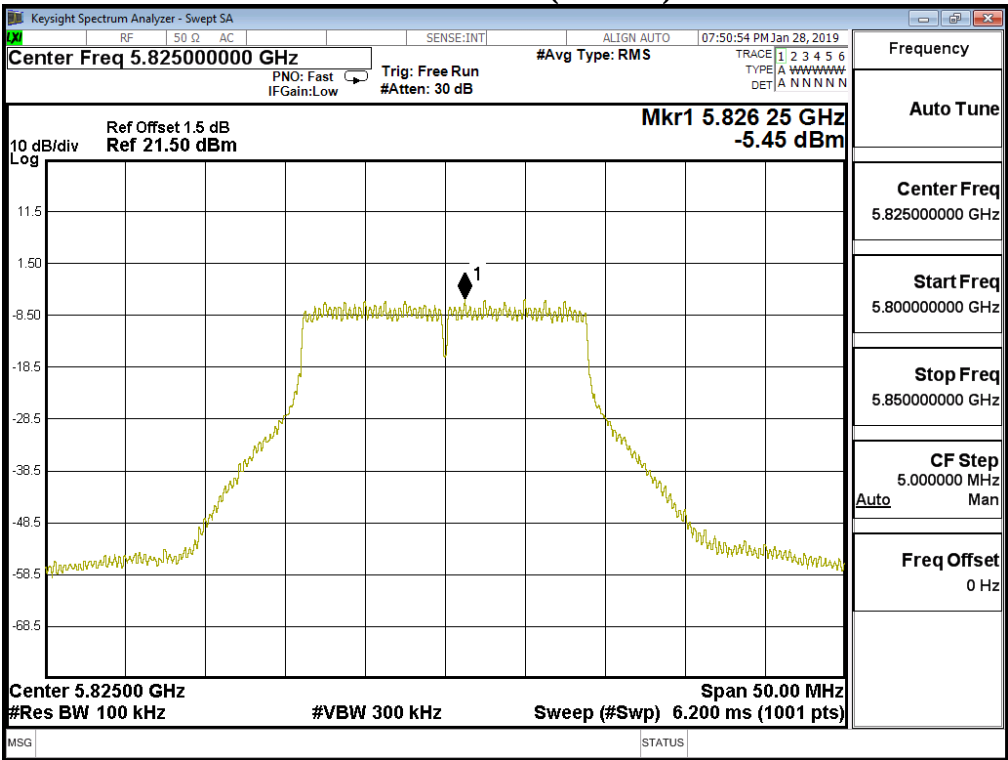
Channel 157 (Chain A)



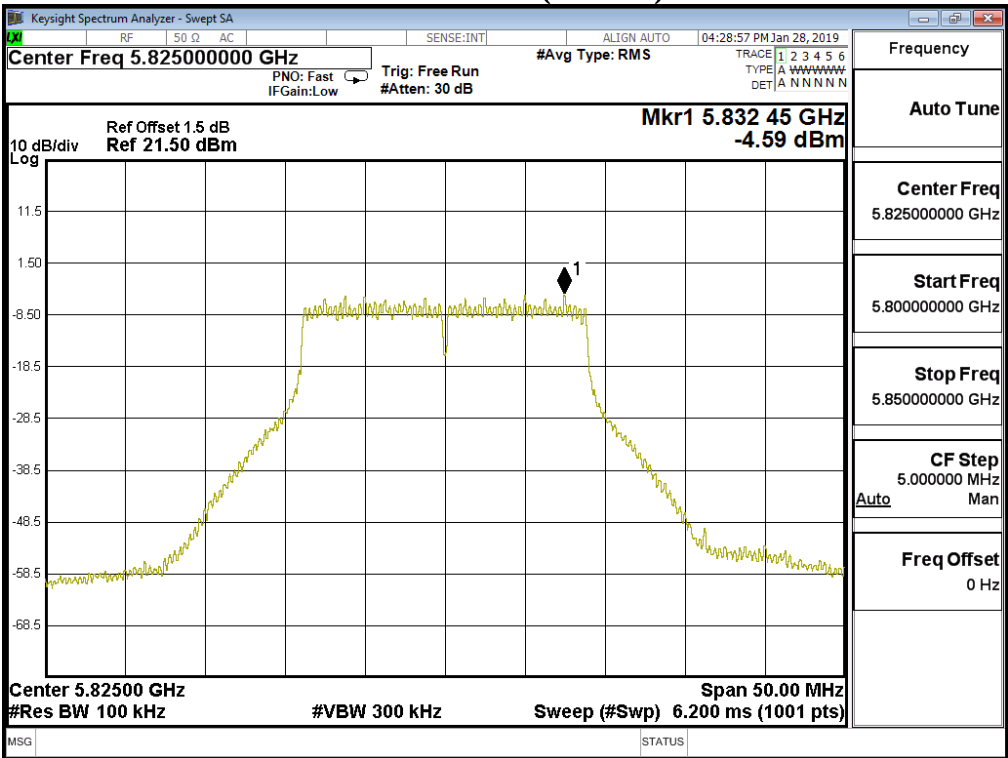
Channel 157 (Chain B)



Channel 165 (Chain A)



Channel 165 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 發射器 802.11n-40BW

視頻頻寬：3MHz

環境溫度：21 °C

環境濕度：53 %

Channel Number	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PSD/MHz (dBm)	Required Limit (dBm)	Result
38	5190	A	-0.910	2.100	<11	Pass
		B	-0.120	2.890	<11	Pass
46	5230	A	0.290	3.300	<11	Pass
		B	1.190	4.200	<11	Pass
54	5270	A	0.660	3.670	<11	Pass
		B	1.500	4.510	<11	Pass
62	5310	A	-2.620	0.390	<11	Pass
		B	-2.480	0.530	<11	Pass
102	5510	A	-0.290	2.720	<11	Pass
		B	0.610	3.620	<11	Pass
110	5550	A	1.410	4.420	<11	Pass
		B	2.620	5.630	<11	Pass
134	5670	A	0.890	3.900	<11	Pass
		B	1.940	4.950	<11	Pass

Note:

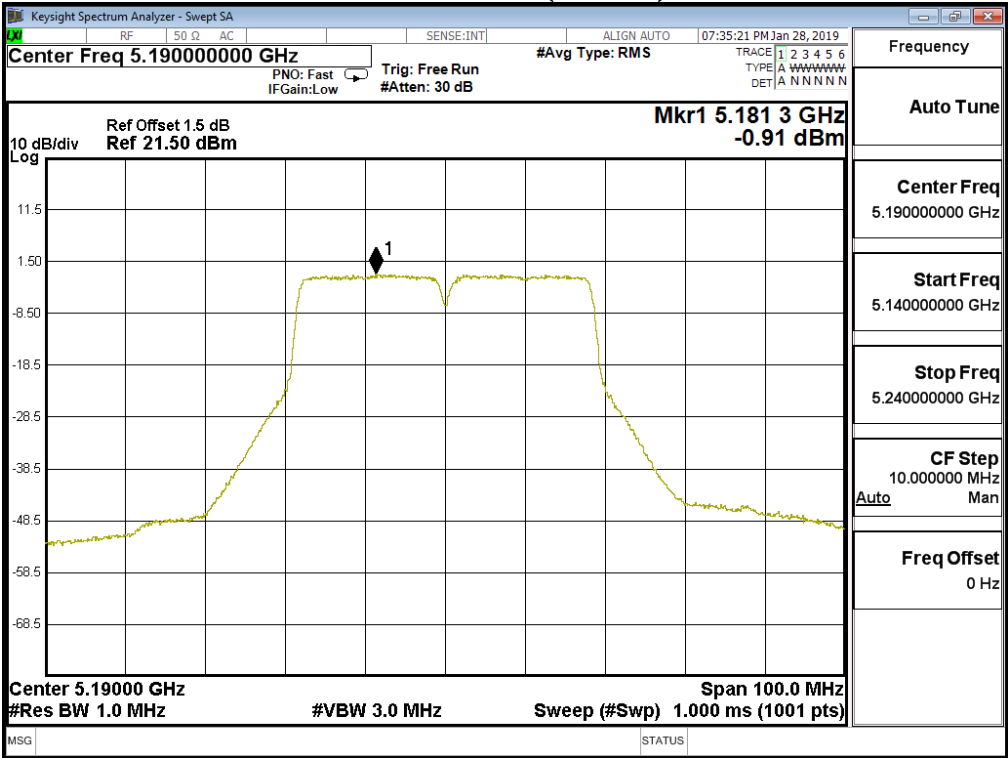
The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel Number	Frequency (MHz)	Chain (dBm)	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
142 (U-NII-2C)	5710	A	1.990	--	5.000	<11	Pass
		B	3.100	--	6.110	<11	Pass
142 (U-NII-3)	5710	A	-6.620	6.980	3.370	<30	Pass
		B	-4.840	6.980	5.150	<30	Pass
151	5755	A	-6.300	6.980	3.690	<30	Pass
		B	-5.080	6.980	4.910	<30	Pass
159	5795	A	-6.430	6.980	3.560	<30	Pass
		B	-5.100	6.980	4.890	<30	Pass

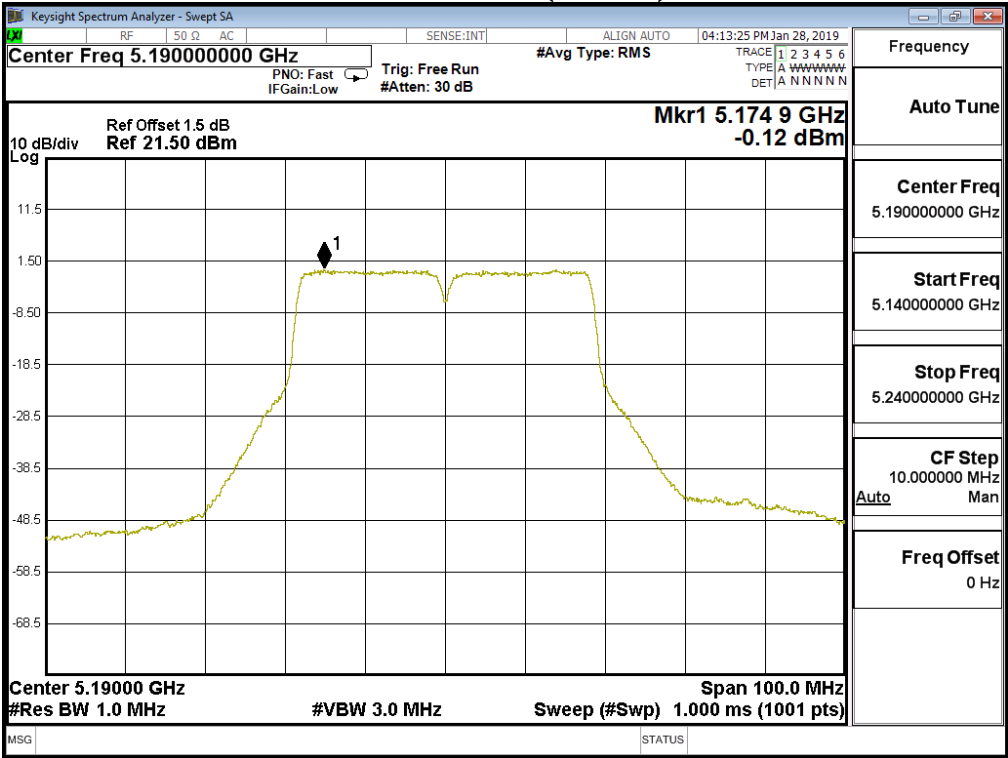
Note:

The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

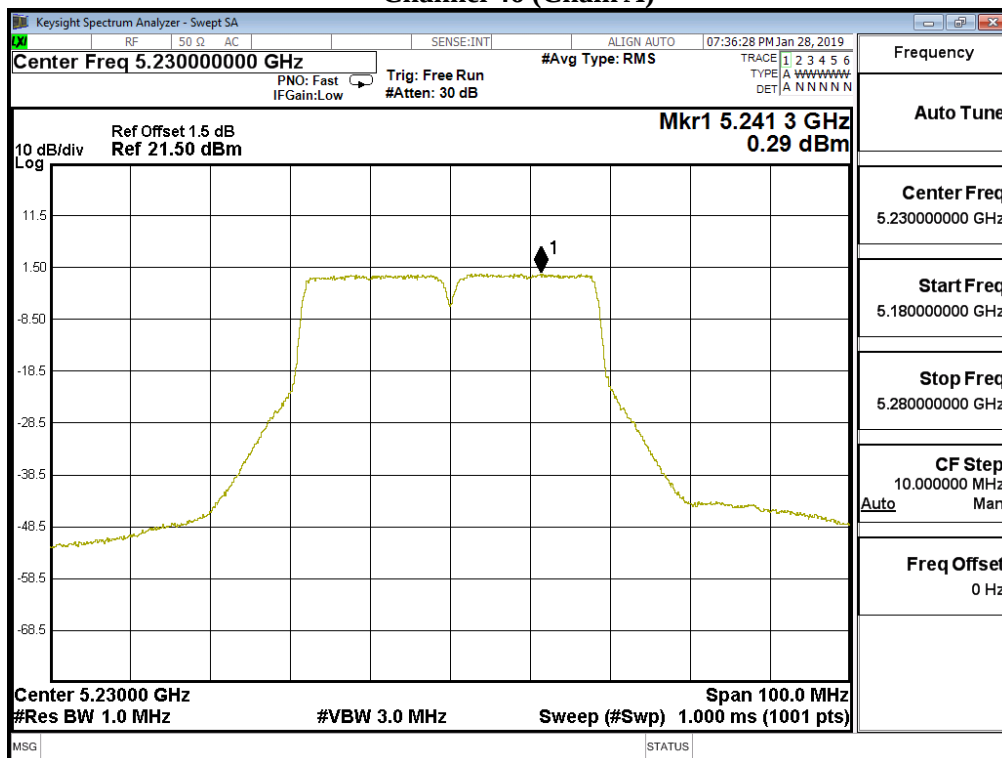
Channel 38 (Chain A)



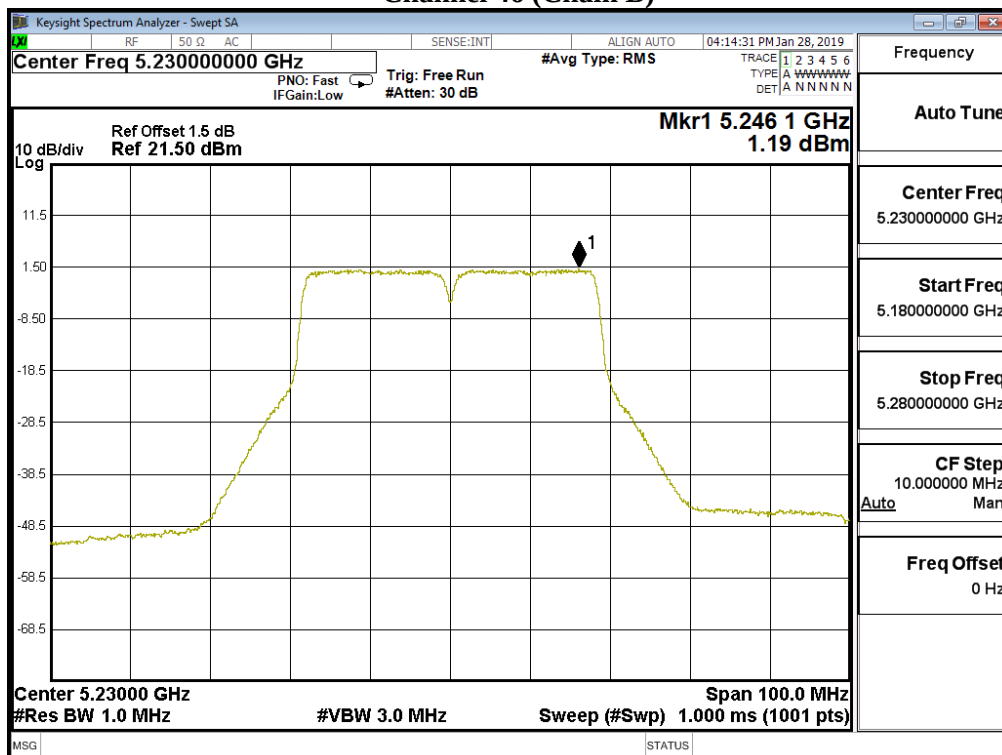
Channel 38 (Chain B)



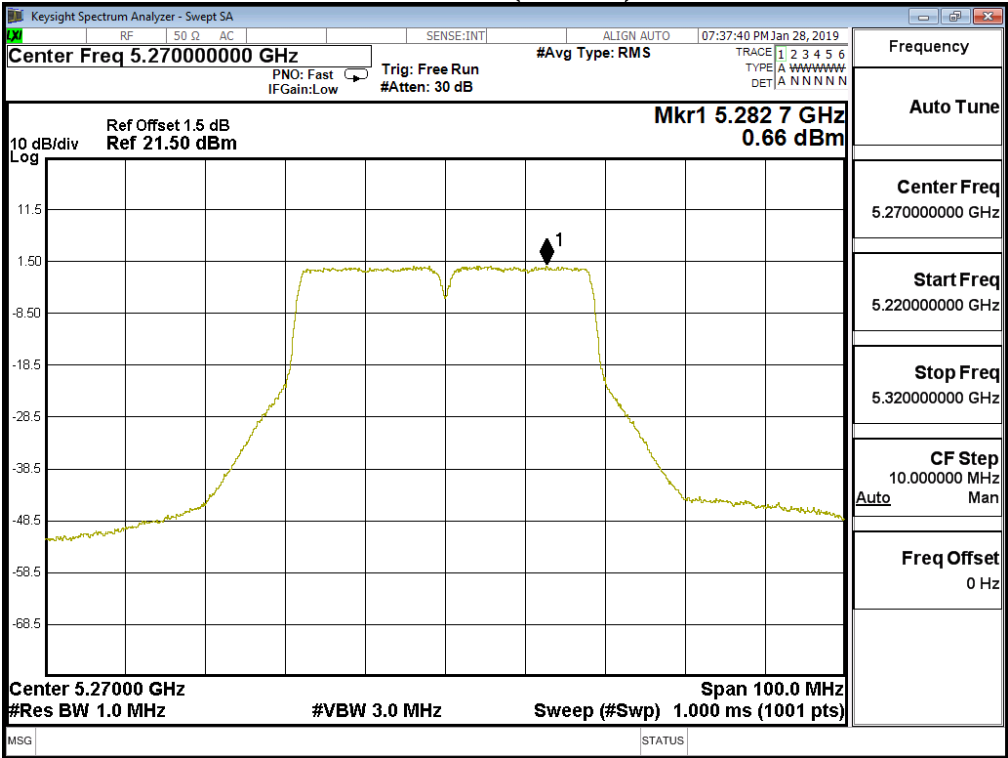
Channel 46 (Chain A)



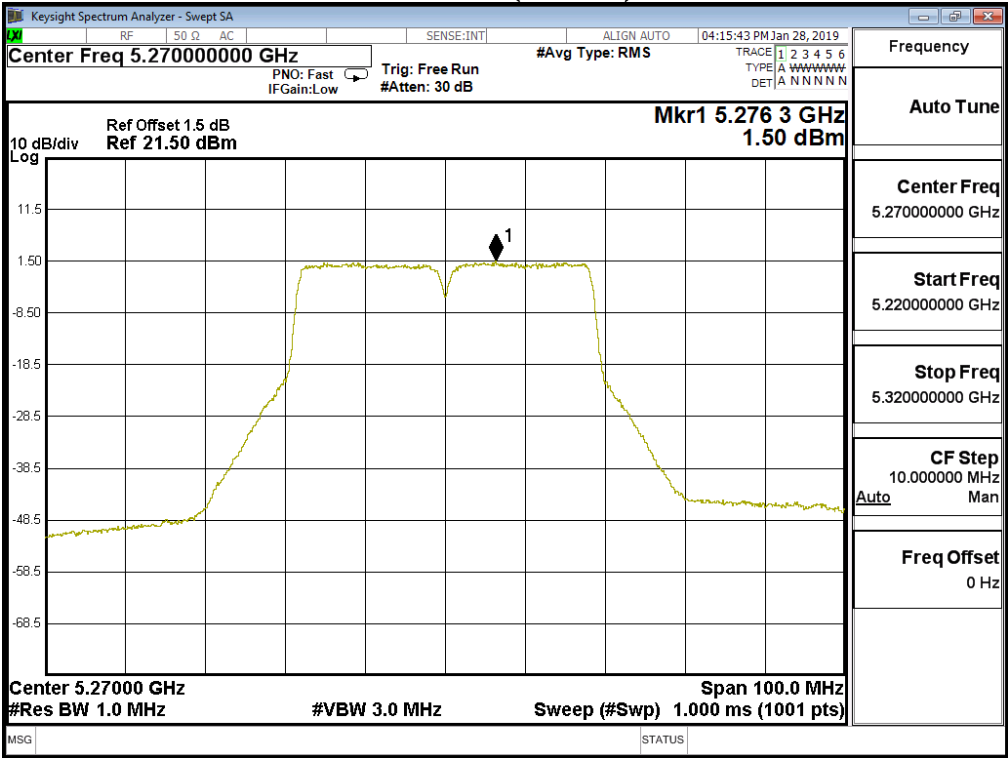
Channel 46 (Chain B)



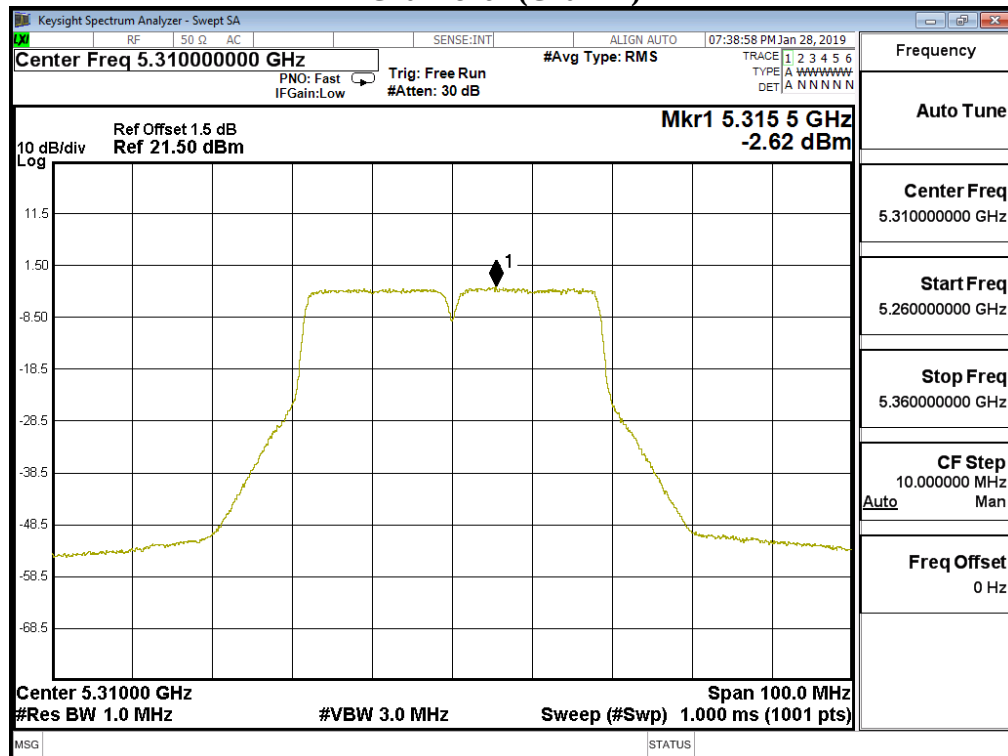
Channel 54 (Chain A)



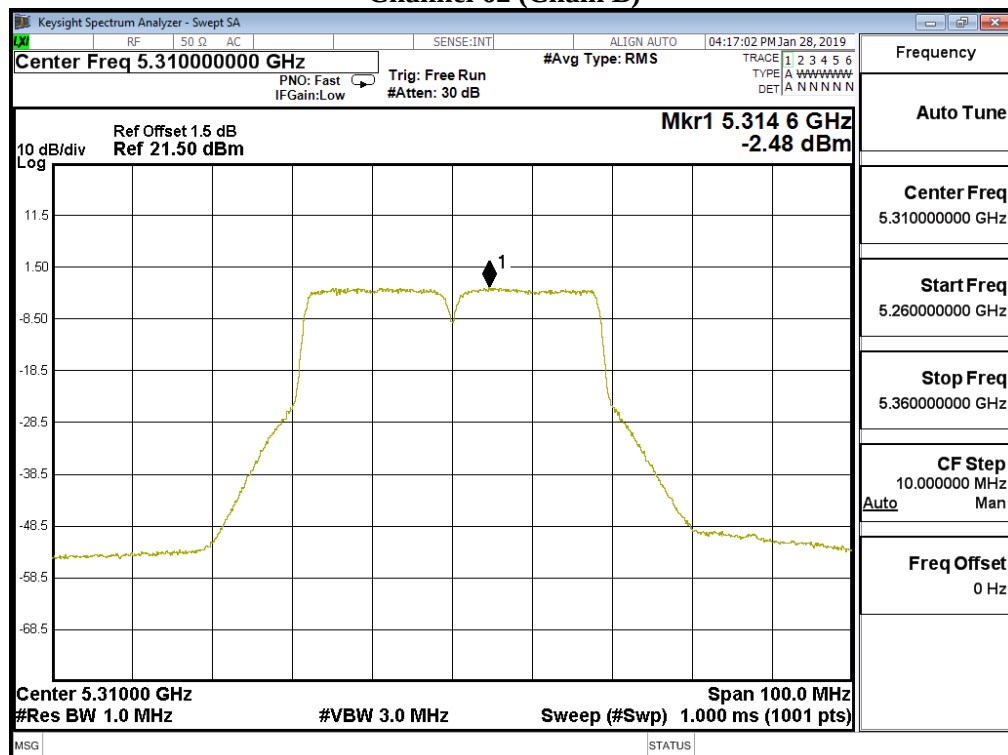
Channel 54 (Chain B)



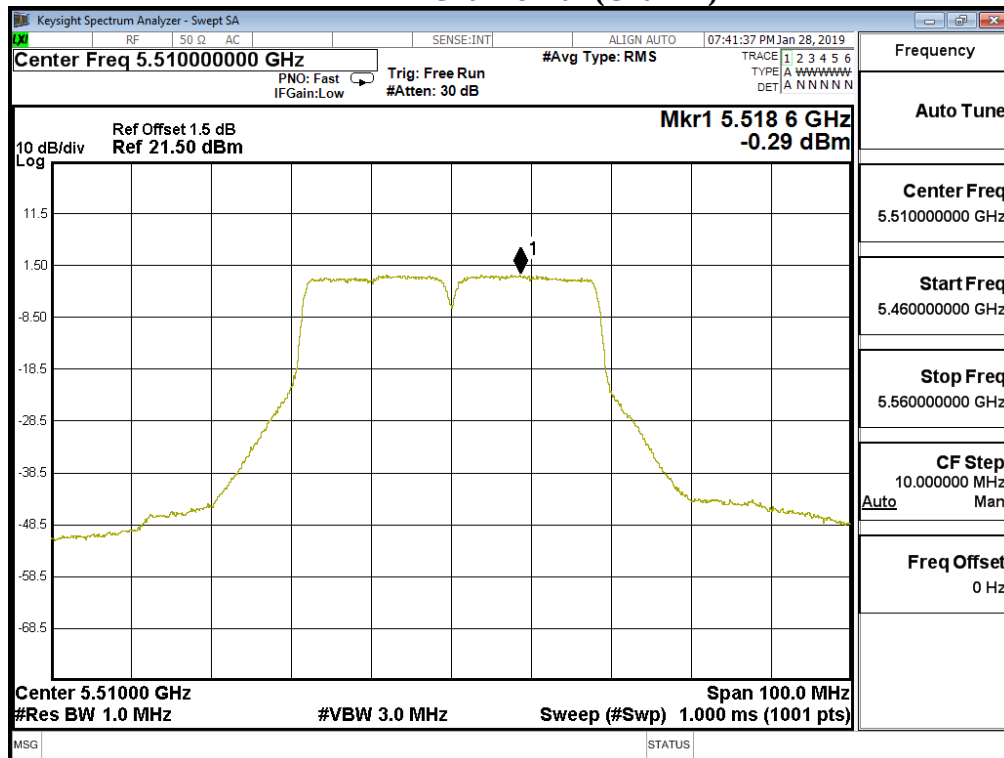
Channel 62 (Chain A)



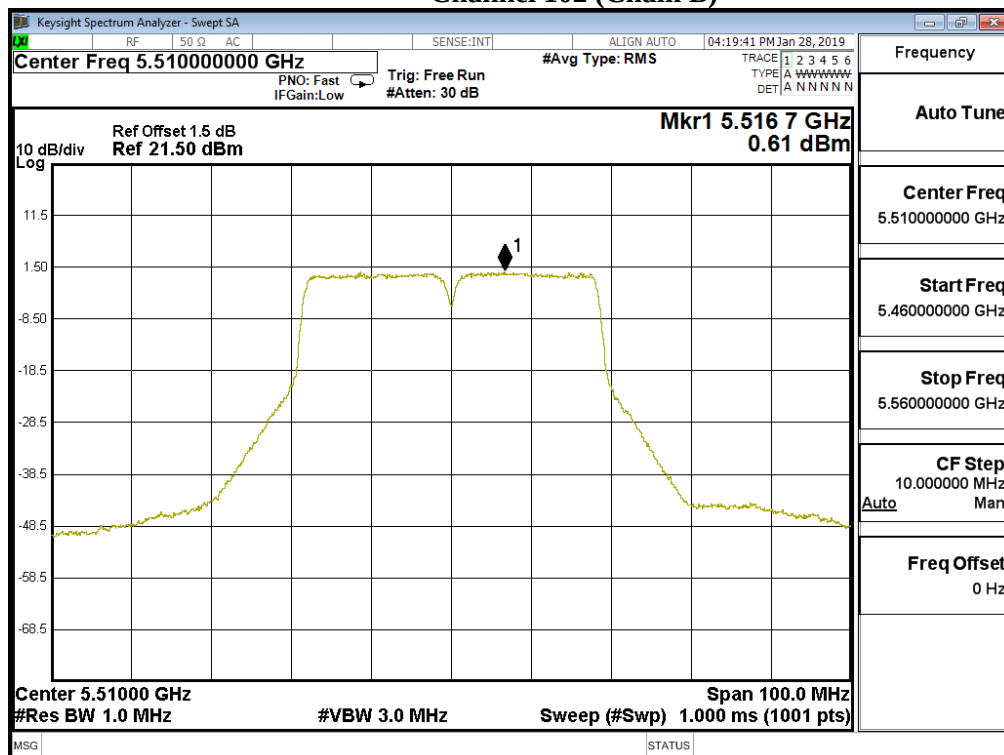
Channel 62 (Chain B)



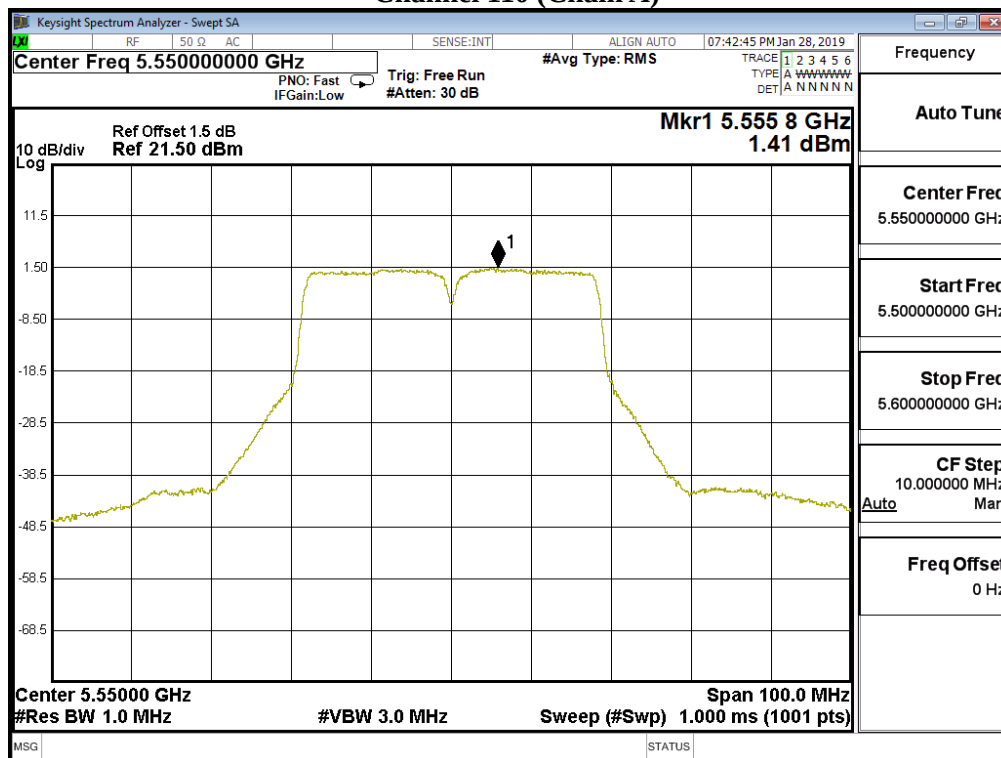
Channel 102 (Chain A)



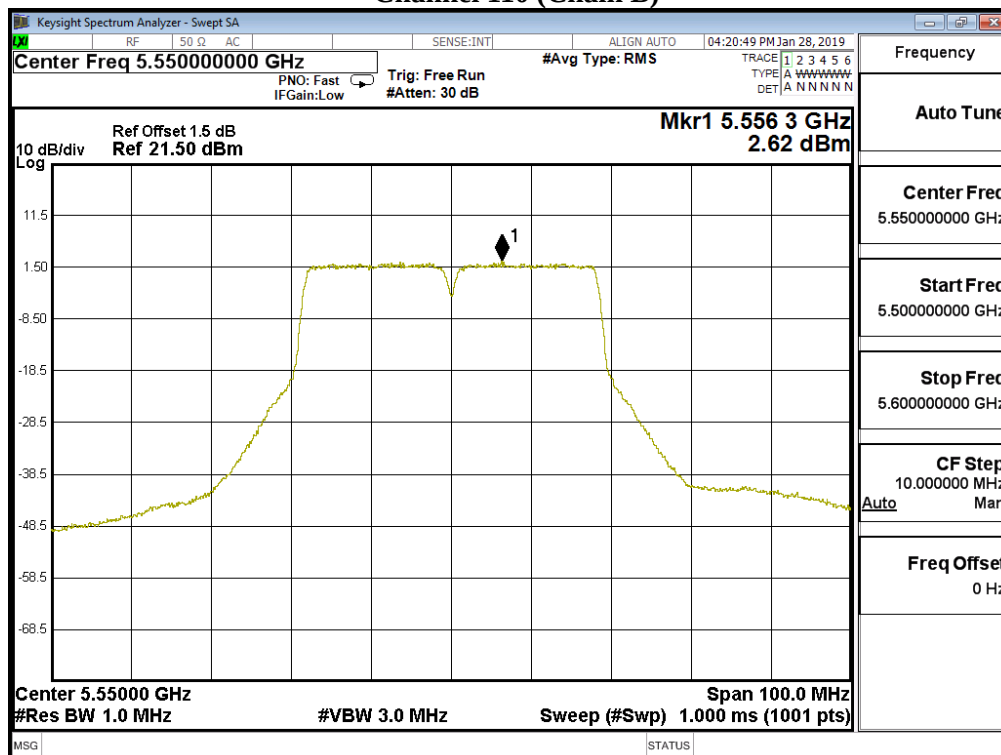
Channel 102 (Chain B)



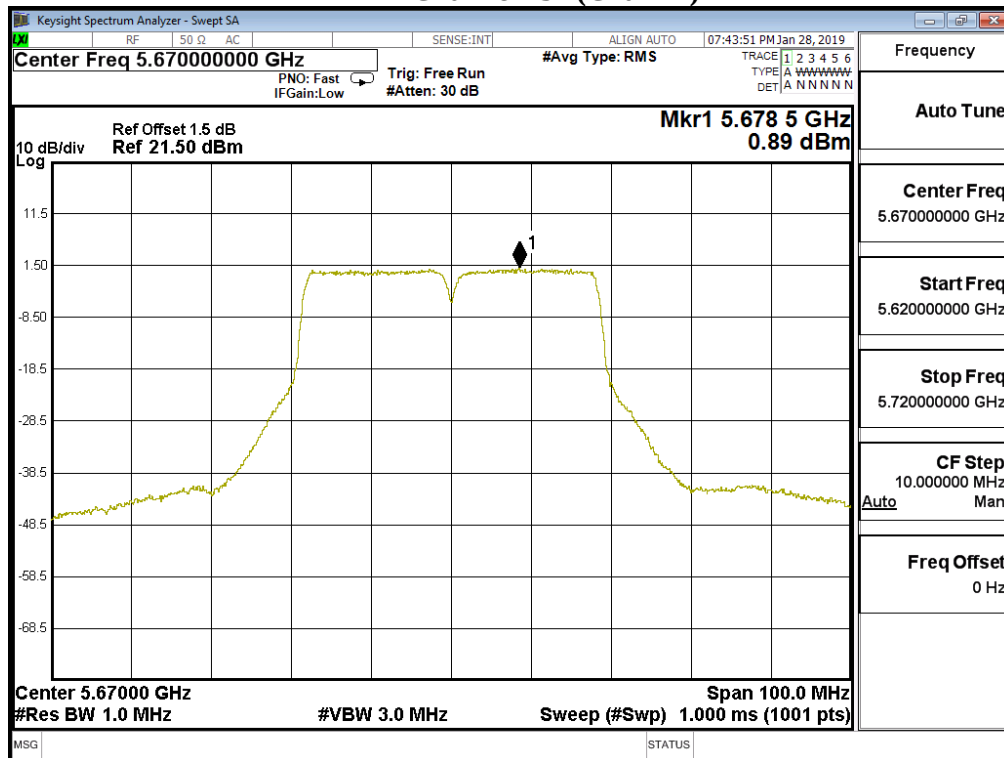
Channel 110 (Chain A)



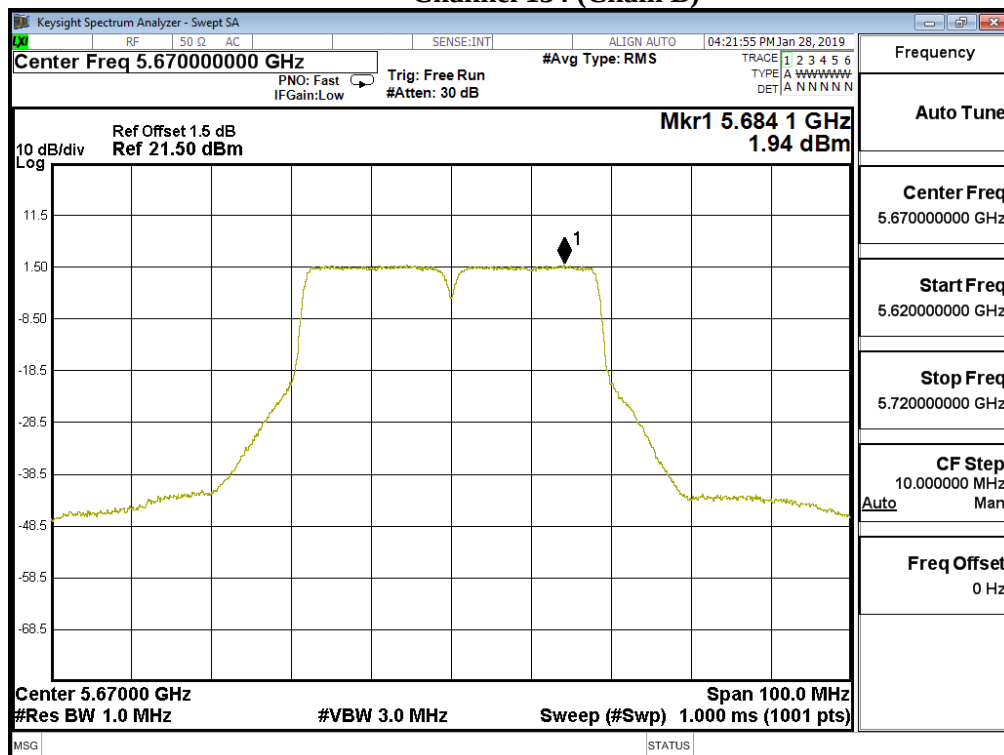
Channel 110 (Chain B)



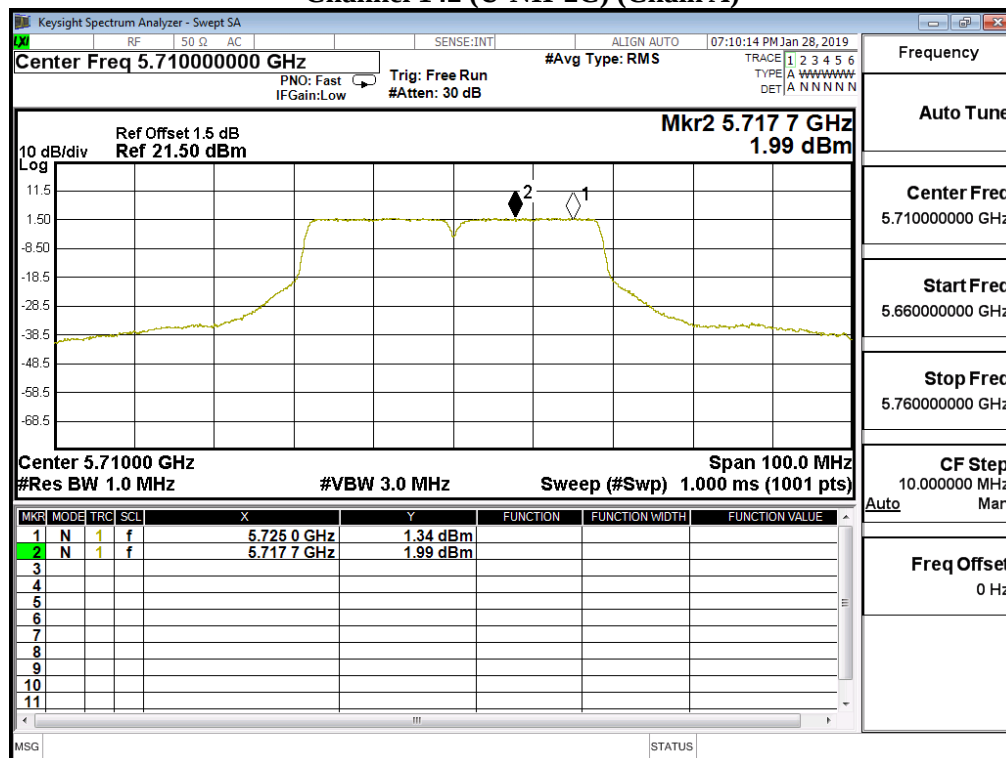
Channel 134 (Chain A)



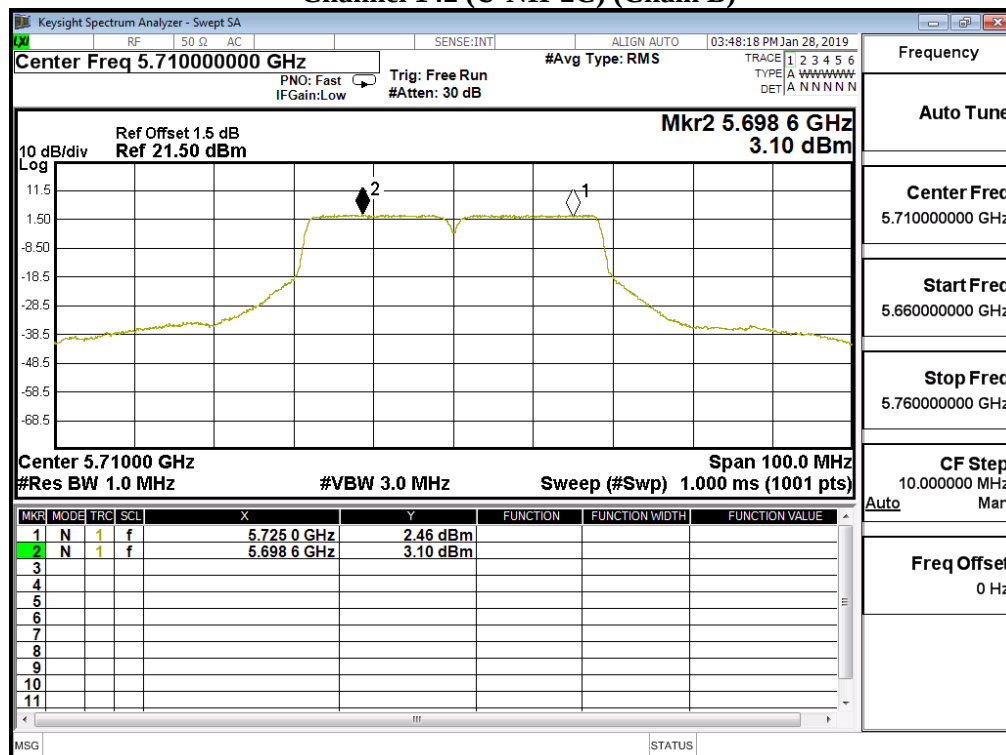
Channel 134 (Chain B)



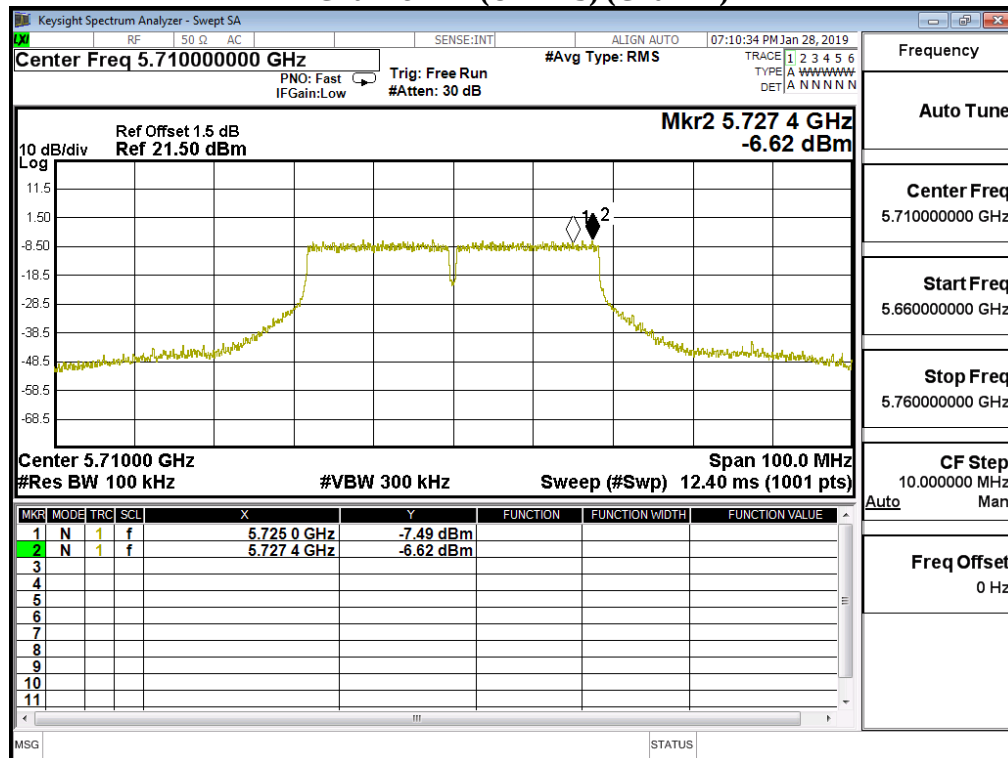
Channel 142 (U-NII-2C) (Chain A)



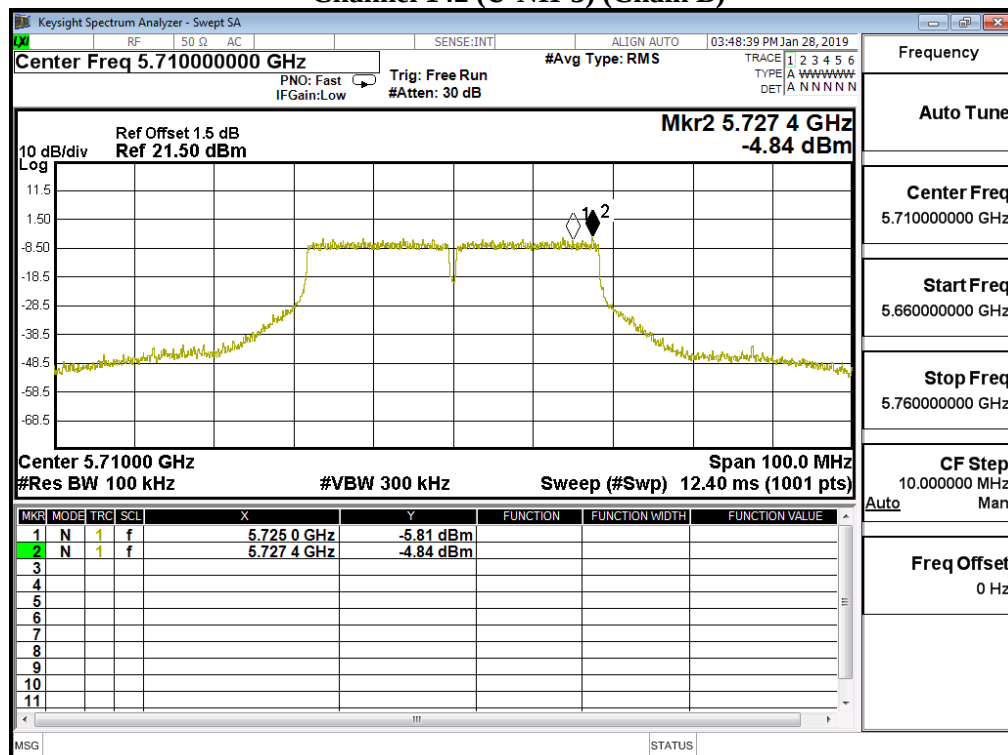
Channel 142 (U-NII-2C) (Chain B)



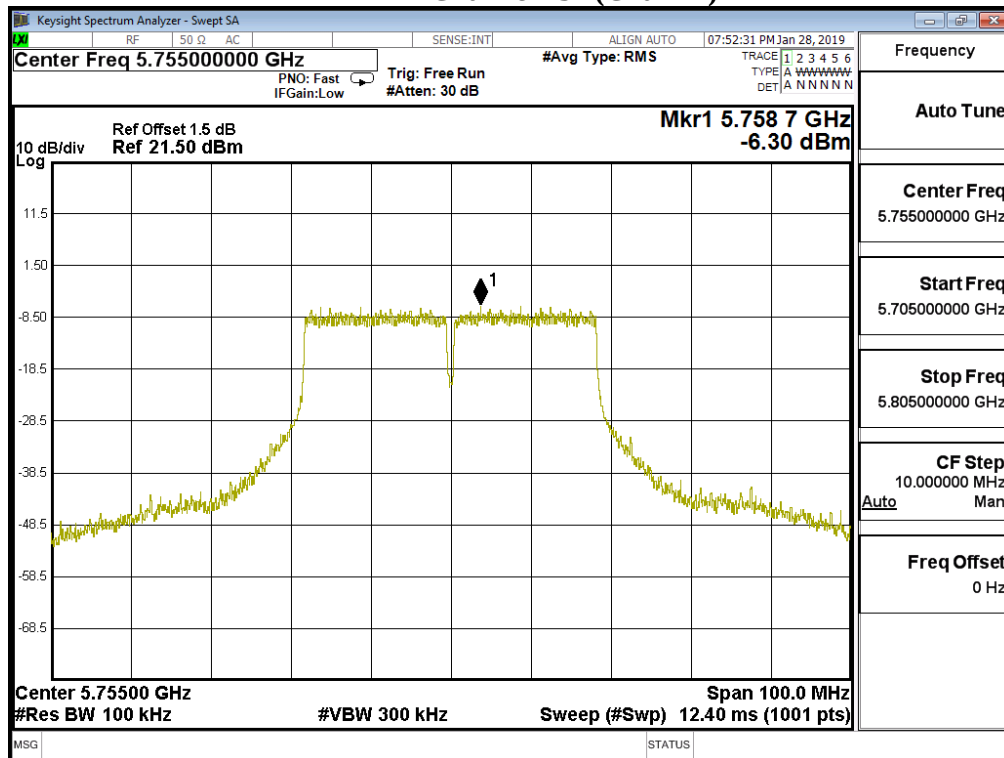
Channel 142 (U-NII-3) (Chain A)



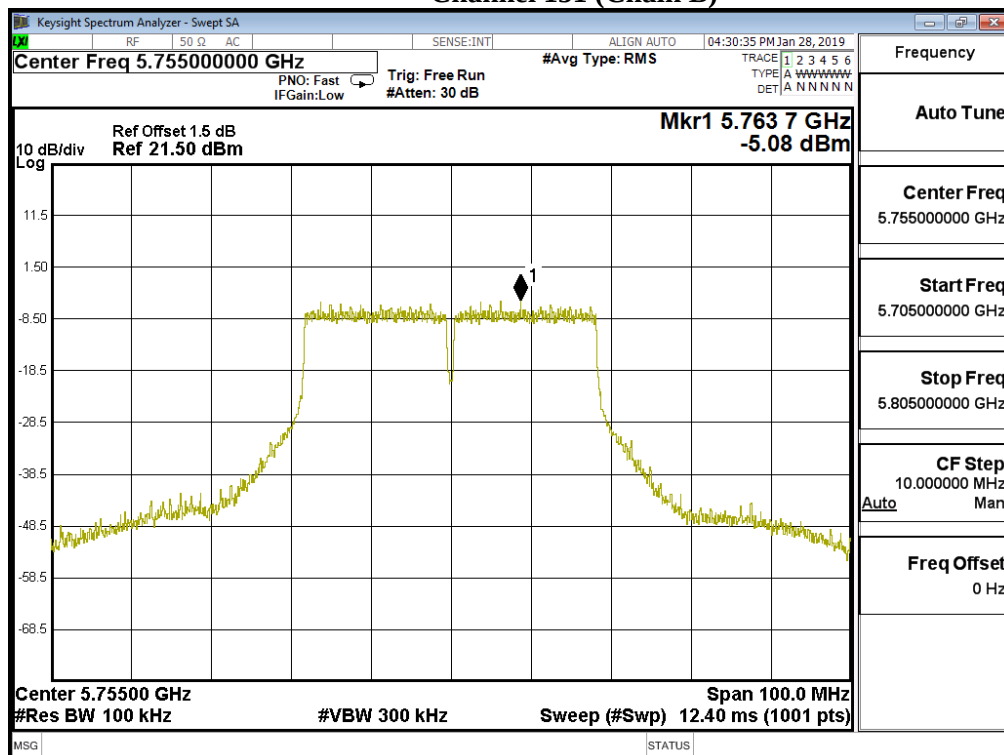
Channel 142 (U-NII-3) (Chain B)



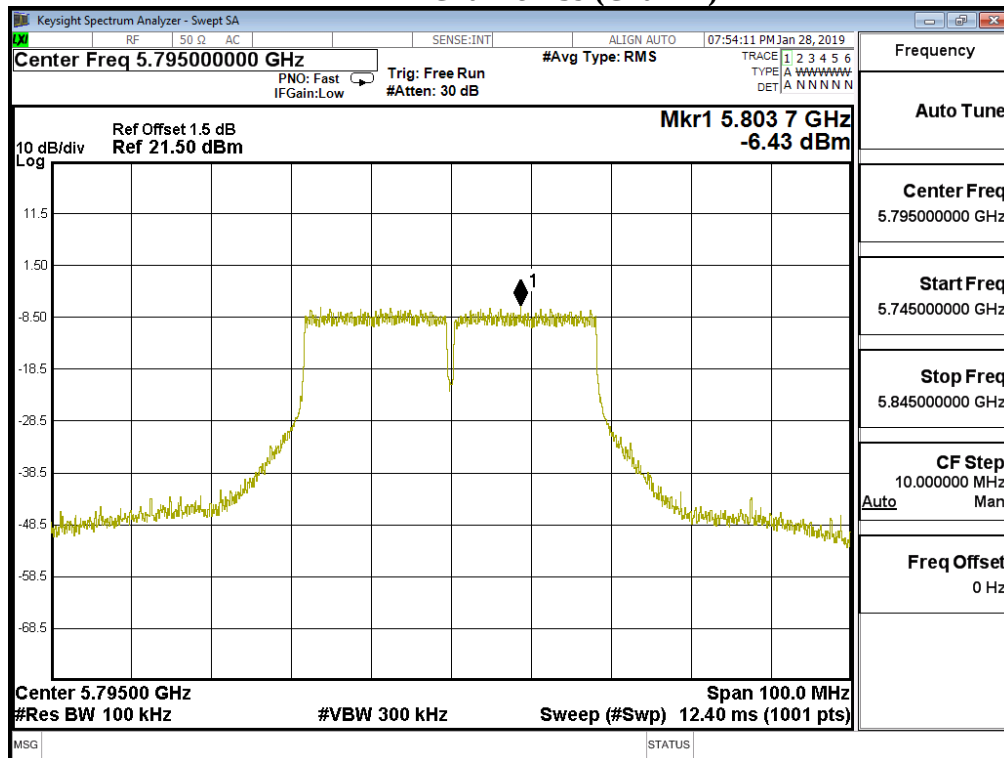
Channel 151 (Chain A)



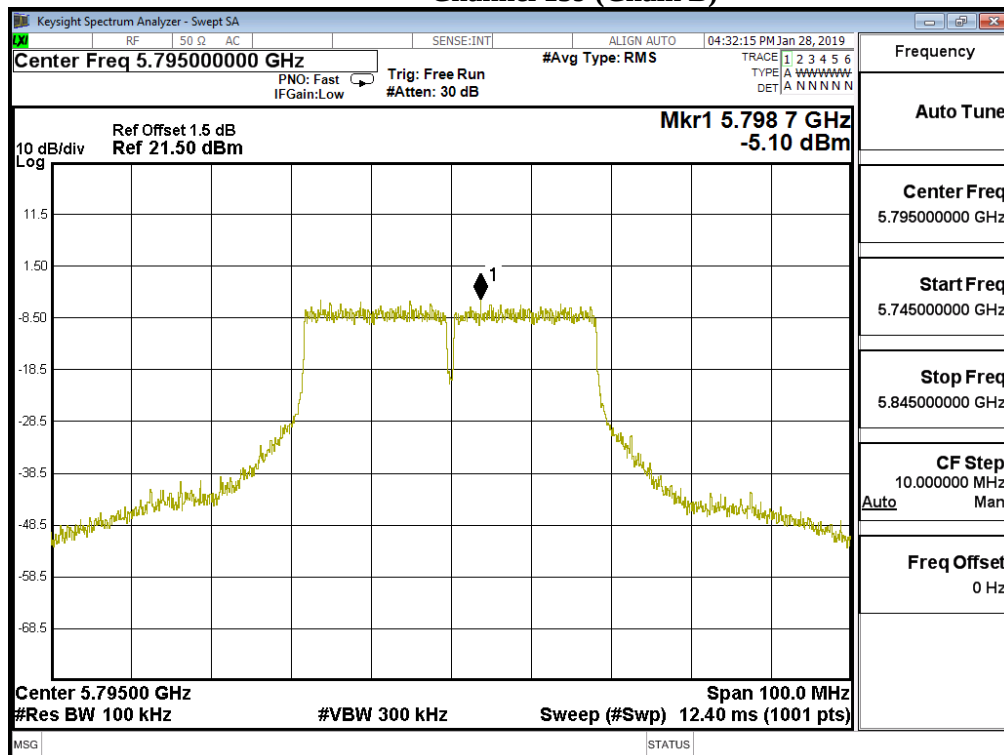
Channel 151 (Chain B)



Channel 159 (Chain A)



Channel 159 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 發射器 802.11ac-80BW

視頻頻寬：3MHz

環境溫度：21 °C

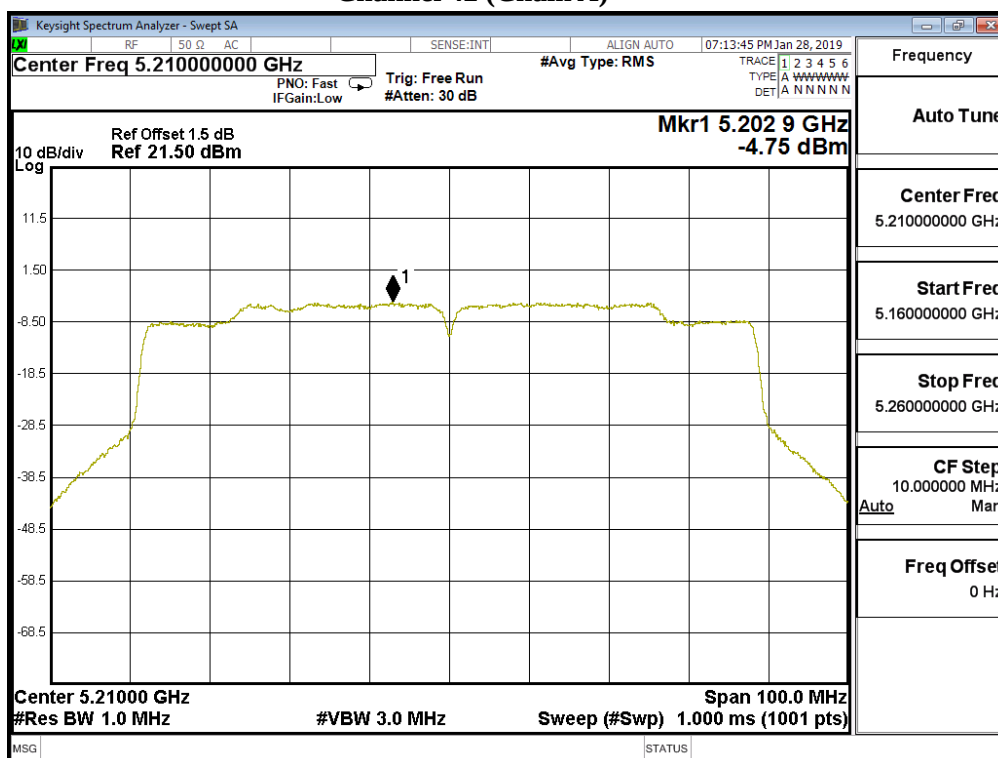
環境濕度：53 %

Channel Number	Frequency (MHz)	Chain (dBm)	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
42	5210	A	-4.750	--	-1.740	<11	Pass
		B	-4.010	--	-1.000	<11	Pass
58	5290	A	-3.580	--	-0.570	<11	Pass
		B	-2.920	--	0.090	<11	Pass
106	5530	A	-2.890	--	0.120	<11	Pass
		B	-2.130	--	0.880	<11	Pass
122	5610	A	-1.650	--	1.360	<11	Pass
		B	-0.470	--	2.540	<11	Pass
138 (U-NII-2C)	5690	A	-1.890	--	1.120	<11	Pass
		B	-1.020	--	1.990	<11	Pass
138 (U-NII-3)	5690	A	-14.510	6.98	-4.520	<30	Pass
		B	-13.410	6.98	-3.420	<30	Pass
155	5775	A	-9.880	6.98	0.110	<30	Pass
		B	-8.860	6.98	1.130	<30	Pass

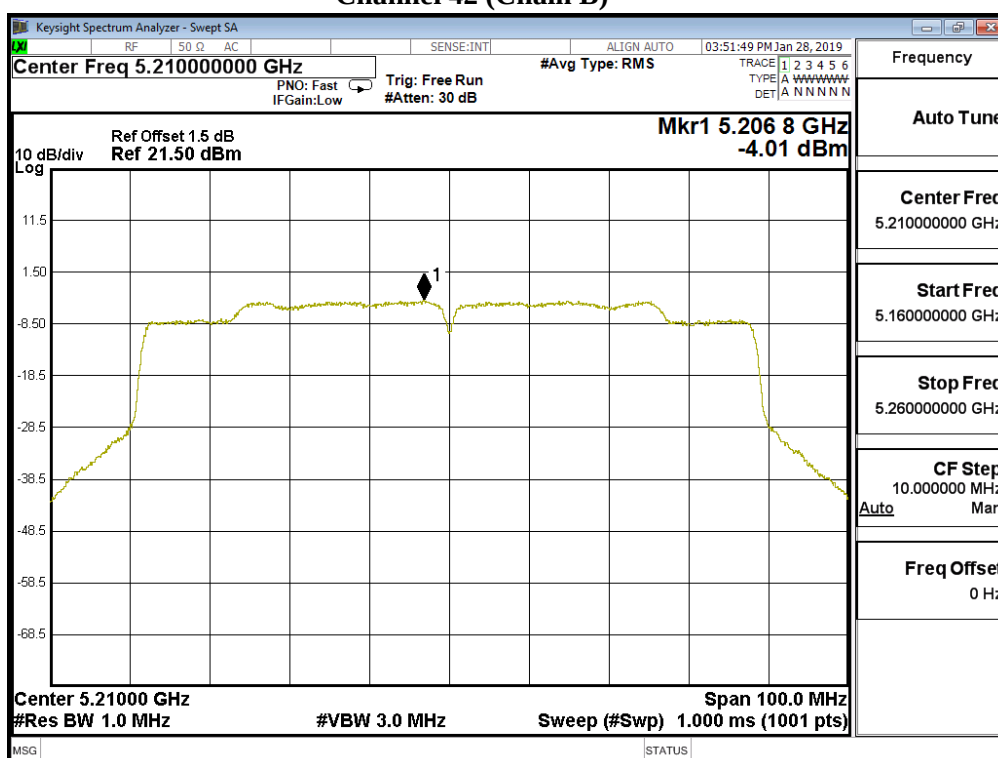
Note:

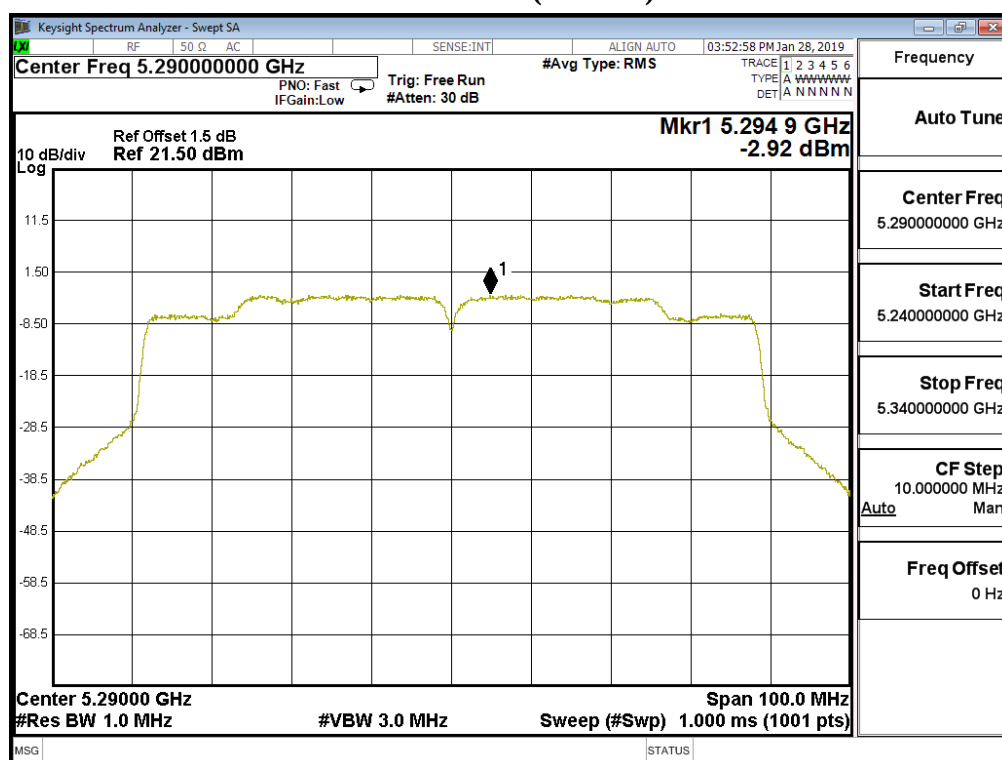
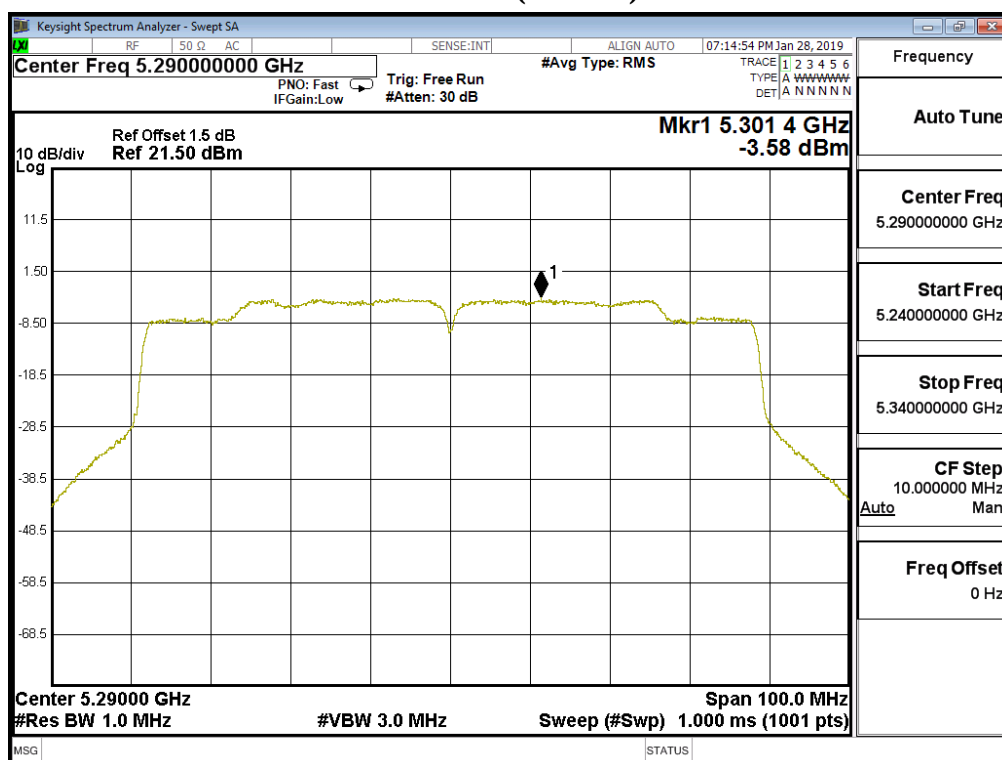
The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel 42 (Chain A)

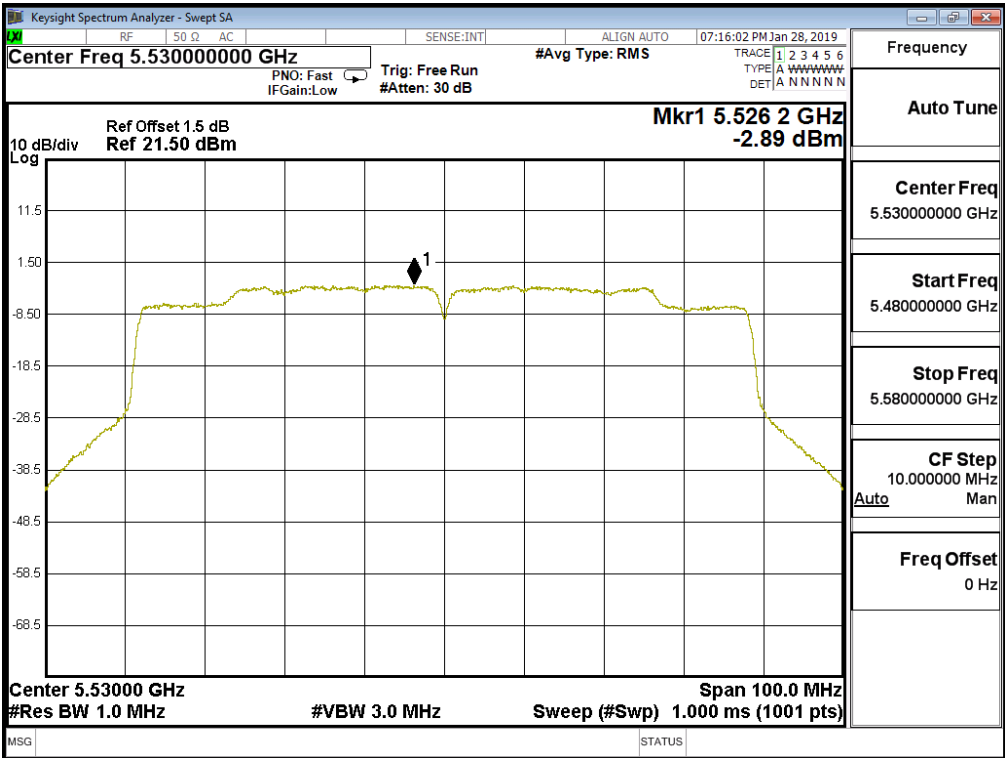


Channel 42 (Chain B)

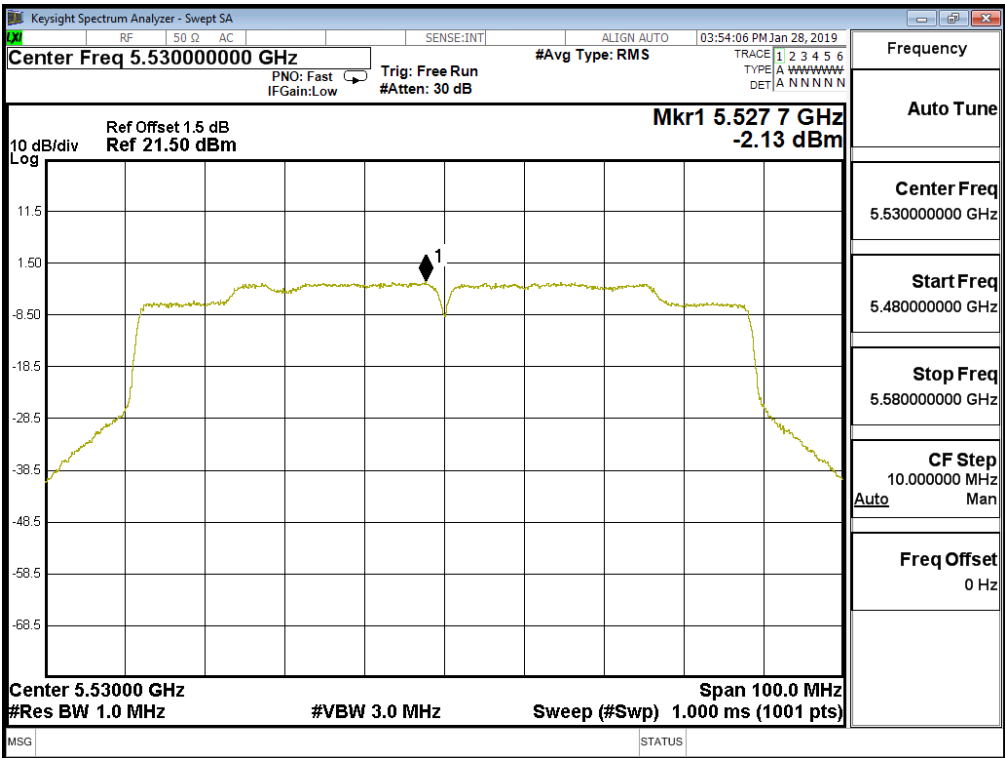




Channel 106 (Chain A)



Channel 106 (Chain B)



Keysight Spectrum Analyzer - Swept SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 07:17:04 PM Jan 28, 2019

Center Freq 5.61000000 GHz #Avg Type: RMS

PNO: Fast Trg: Free Run
IF Gain: Low #Atten: 30 dB

TRACE 1 1 2 3 4 5 6
TYPE A W W W W W W
DET A N N N N N

Ref Offset 1.5 dB
Ref 21.50 dBm

Mkr1 5.586 4 GHz
-1.65 dBm

10 dB/div
Log

11.5
1.50
-8.50
-18.5
-28.5
-38.5
-48.5
-58.5
-68.5

Center Freq 5.61000000 GHz

Start Freq 5.560000000 GHz

Stop Freq 5.660000000 GHz

CF Step 10.000000 MHz
Auto Man

Freq Offset 0 Hz

Center 5.61000 GHz Span 100.0 MHz
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep (#Swp) 1.000 ms (1001 pts)

MSG STATUS

Keysight Spectrum Analyzer - Swept SA

RF 50 Q AC SENSE:INT ALIGN AUTO 03:55:08 PM Jan 28, 2019

Center Freq 5.61000000 GHz **#Avg Type: RMS**

PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB

TRACE 1 2 3 4 5 6
TYPE A W W W W W W W
DET A N N N N N N

Frequency

Auto Tune

Center Freq
5.61000000 GHz

Start Freq
5.56000000 GHz

Stop Freq
5.66000000 GHz

CF Step
10.000000 MHz
Auto Man

Freq Offset
0 Hz

Ref Offset 1.5 dB
Ref 21.50 dBm

Mkr1 5.586 6 GHz
-0.47 dBm

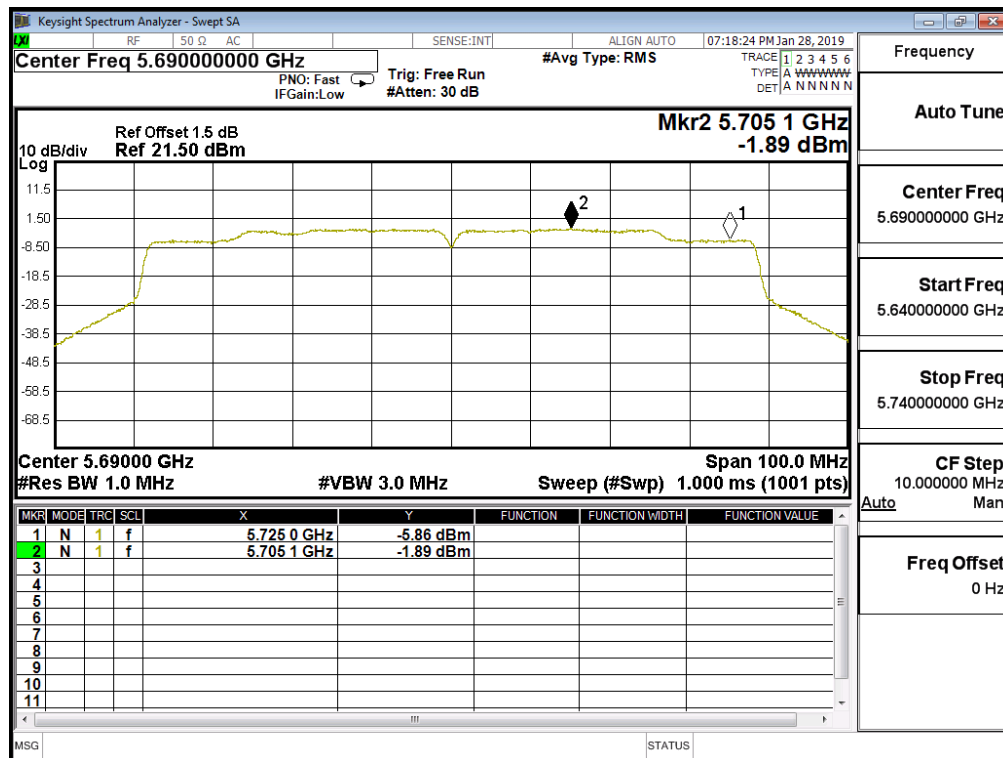
10 dB/div
Log

Center 5.61000 GHz **Span 100.0 MHz**

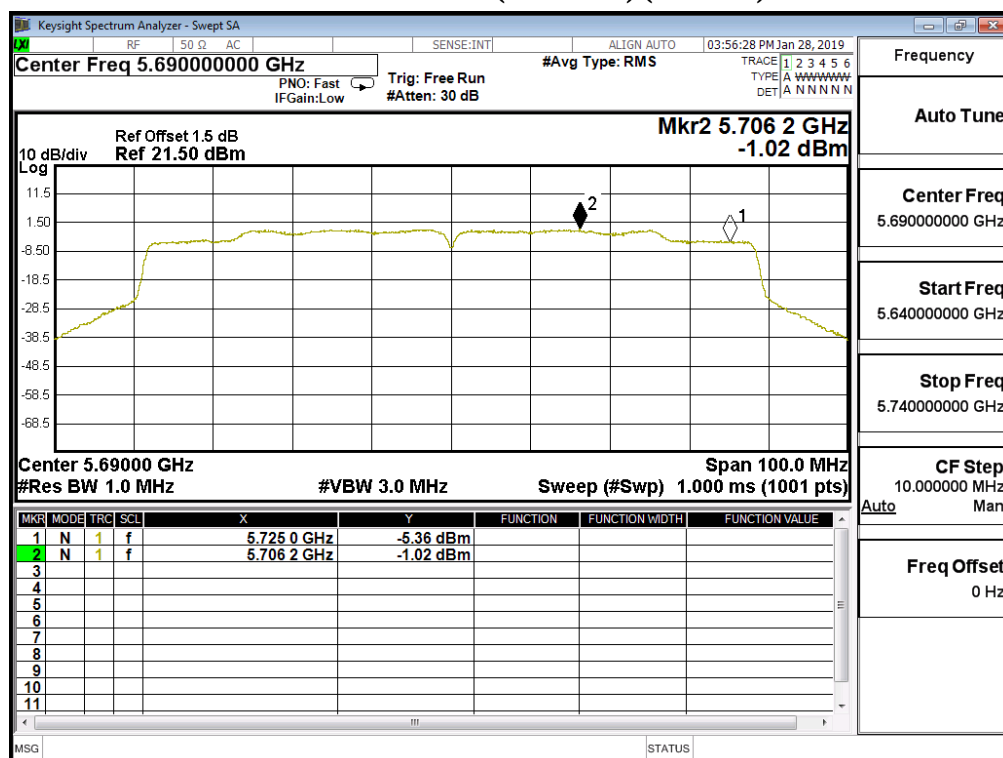
#Res BW 1.0 MHz **#VBW 3.0 MHz** **Sweep (#Swp) 1.000 ms (1001 pts)**

MSG STATUS

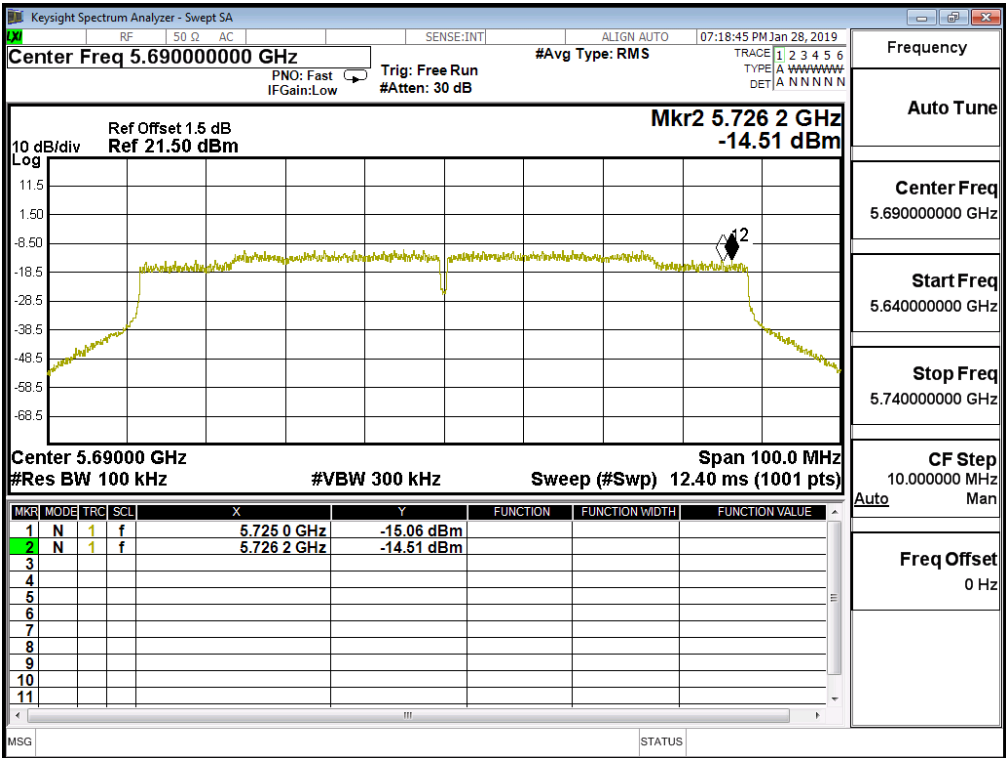
Channel 138 (U-NII-2C) (Chain A)



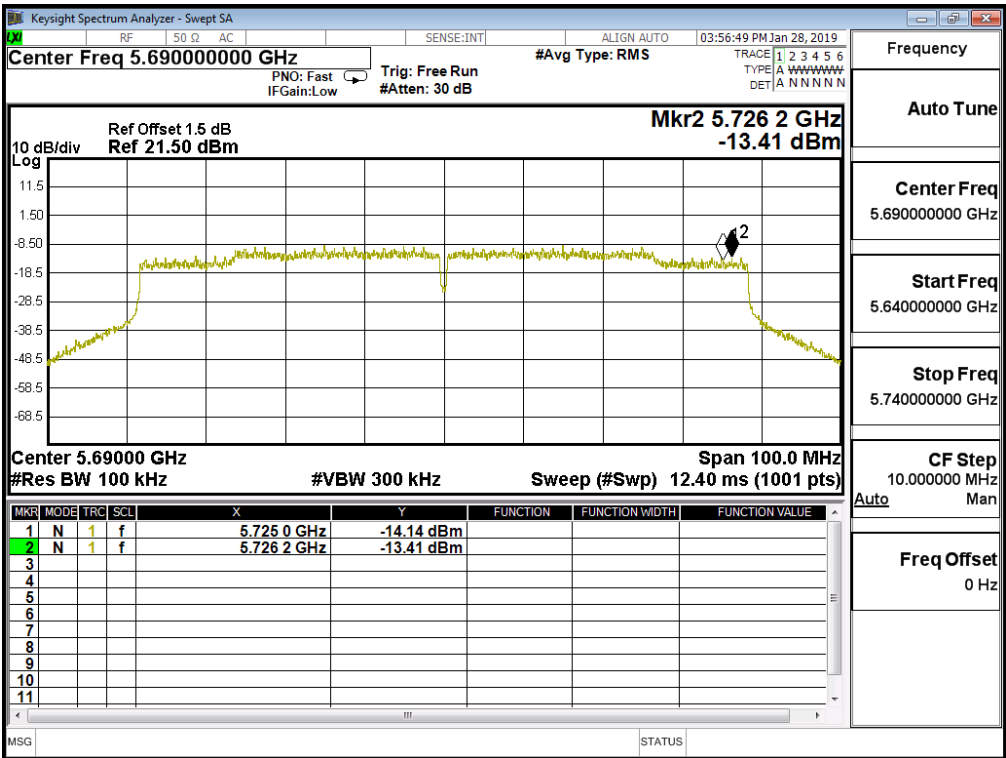
Channel 138 (U-NII-2C) (Chain B)



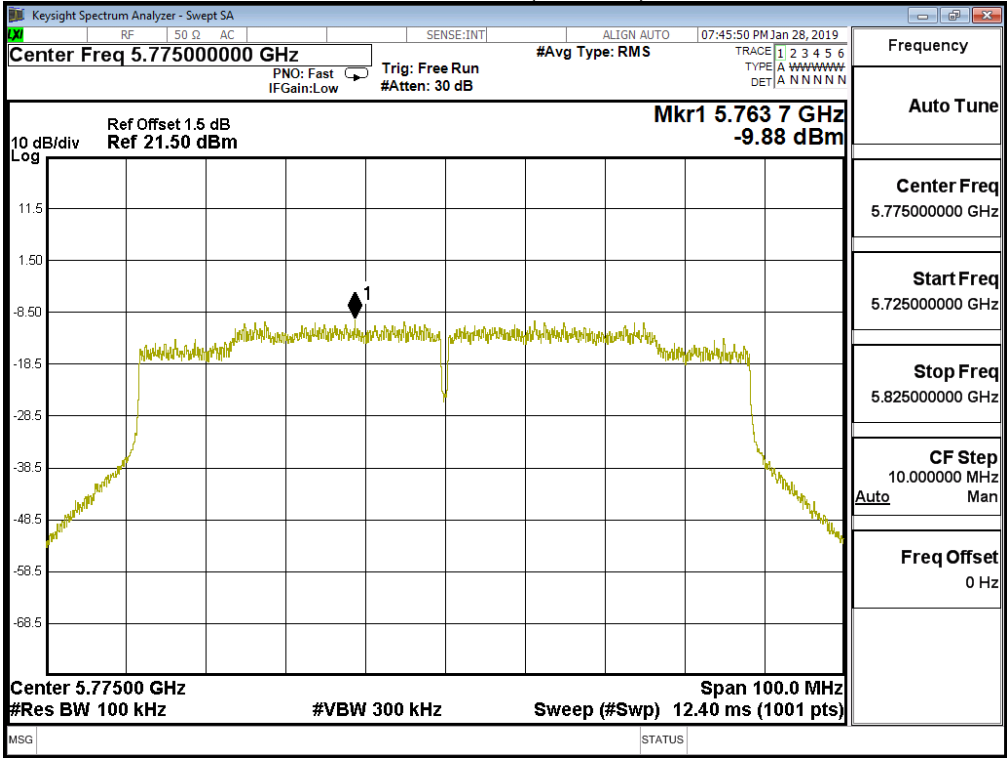
Channel 138 (U-NII-3) (Chain A)



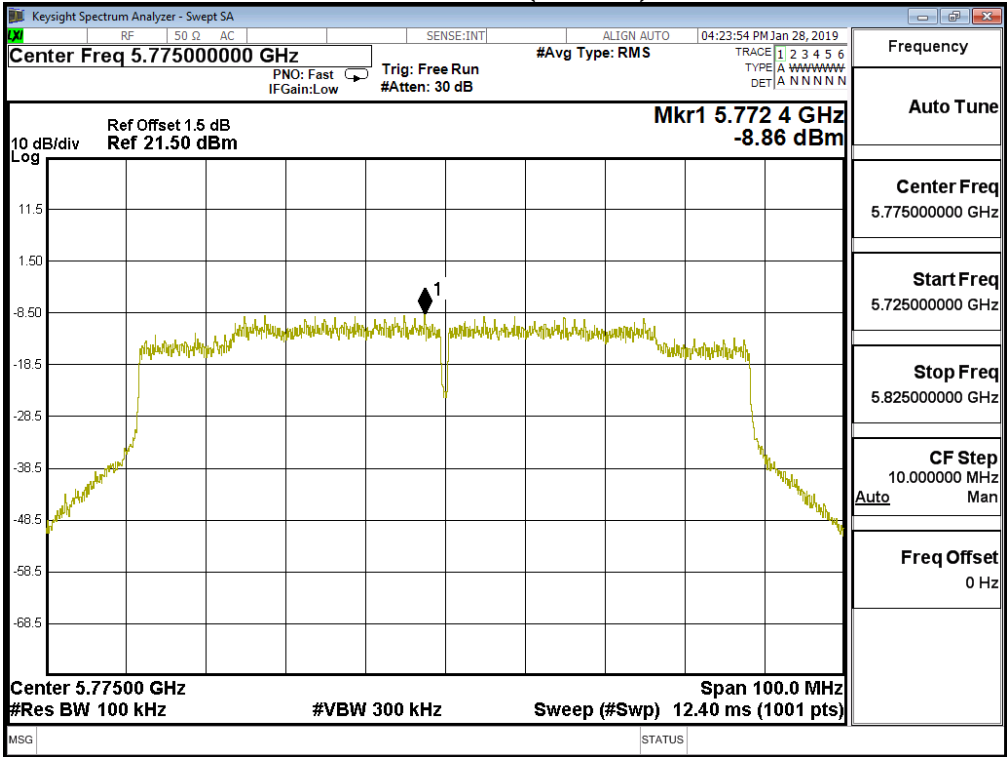
Channel 138 (U-NII-3) (Chain B)



Channel 155 (Chain A)



Channel 155 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 發射器 802.11ac-160BW

視頻頻寬：3MHz

環境溫度：21 °C

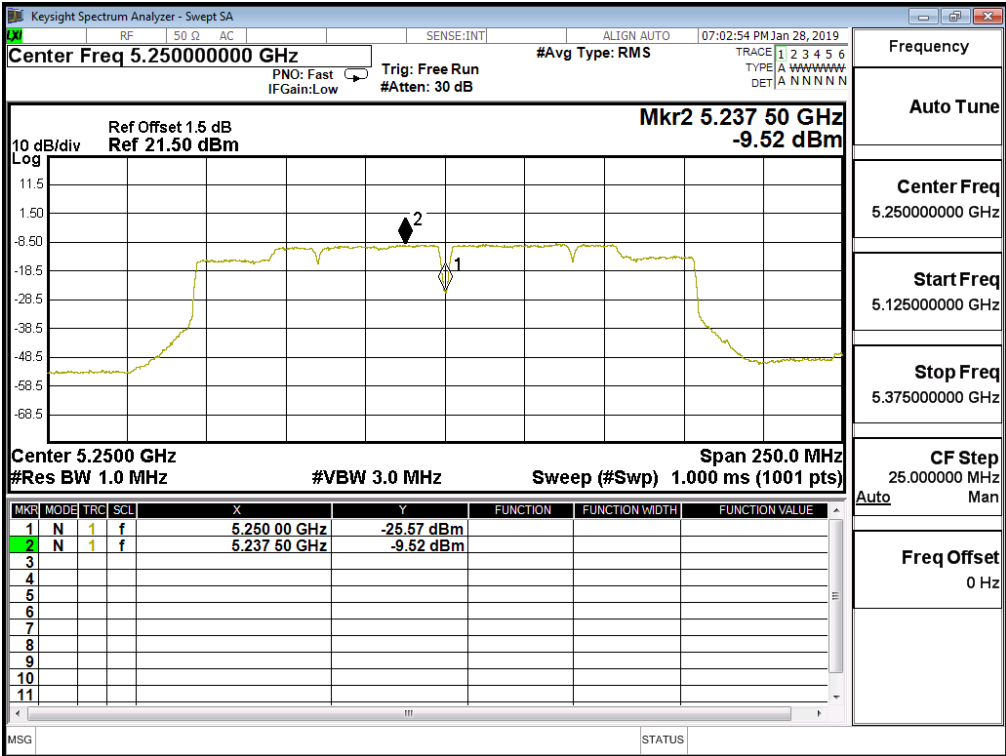
環境濕度：53 %

Channel Number	Frequency (MHz)	Chain (dBm)	PPSD (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
50	5250	A	-9.520	-6.510	<11	Pass
		B	-9.030	-6.020	<11	Pass
114	5570	A	-8.690	-5.680	<11	Pass
		B	-7.790	-4.780	<11	Pass

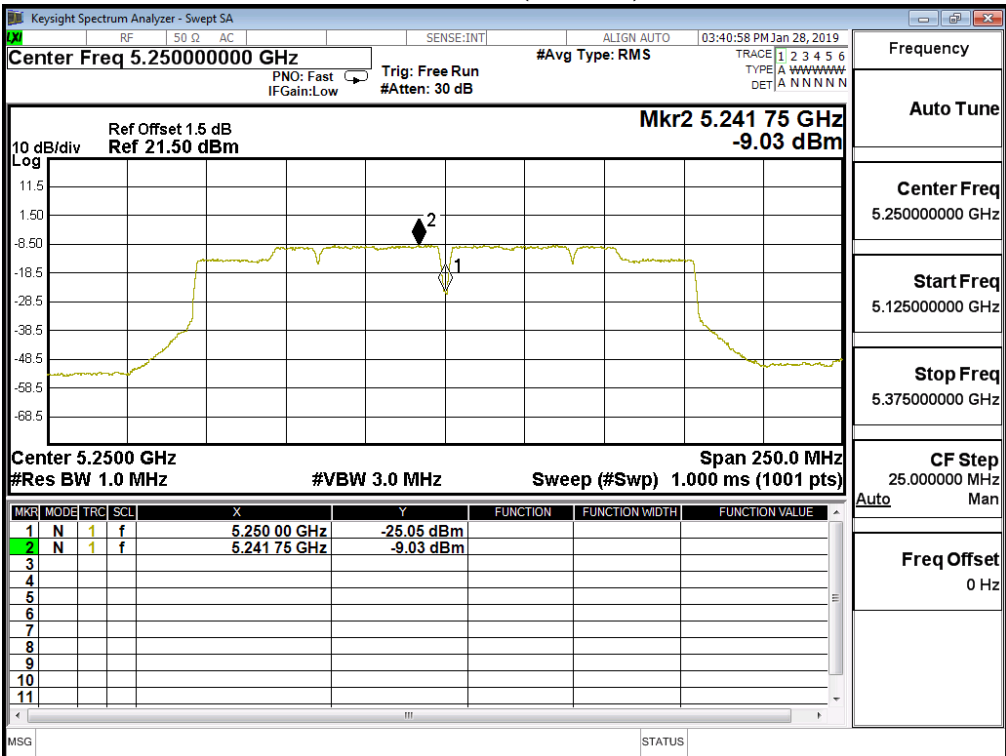
Note:

The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

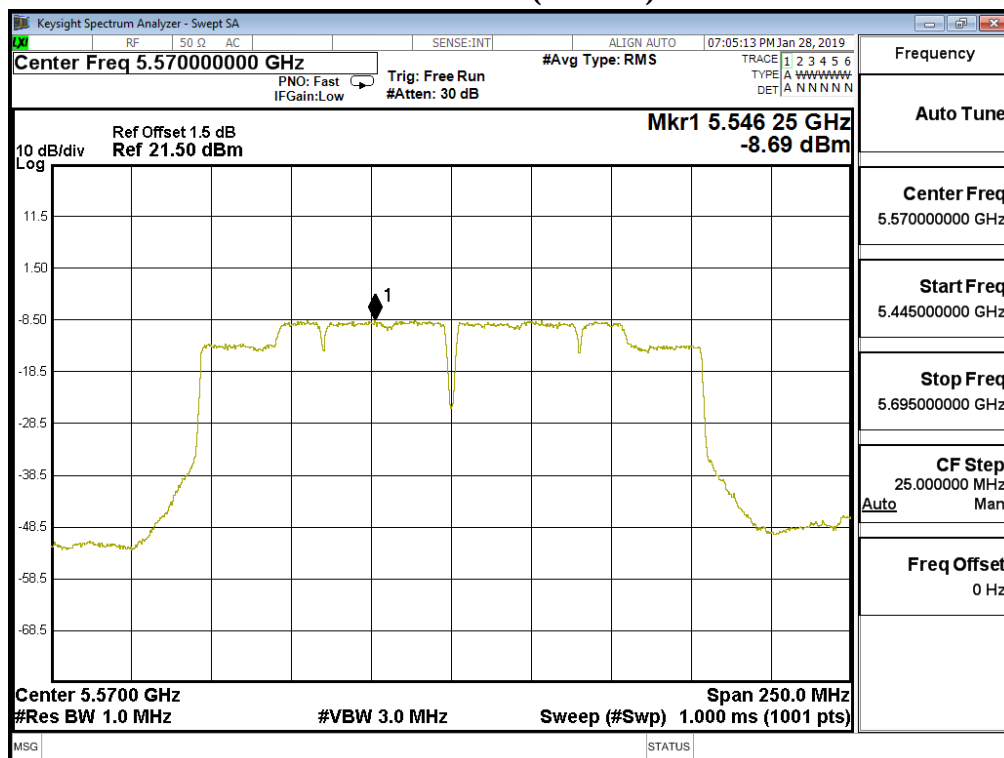
Channel 50 (Chain A)



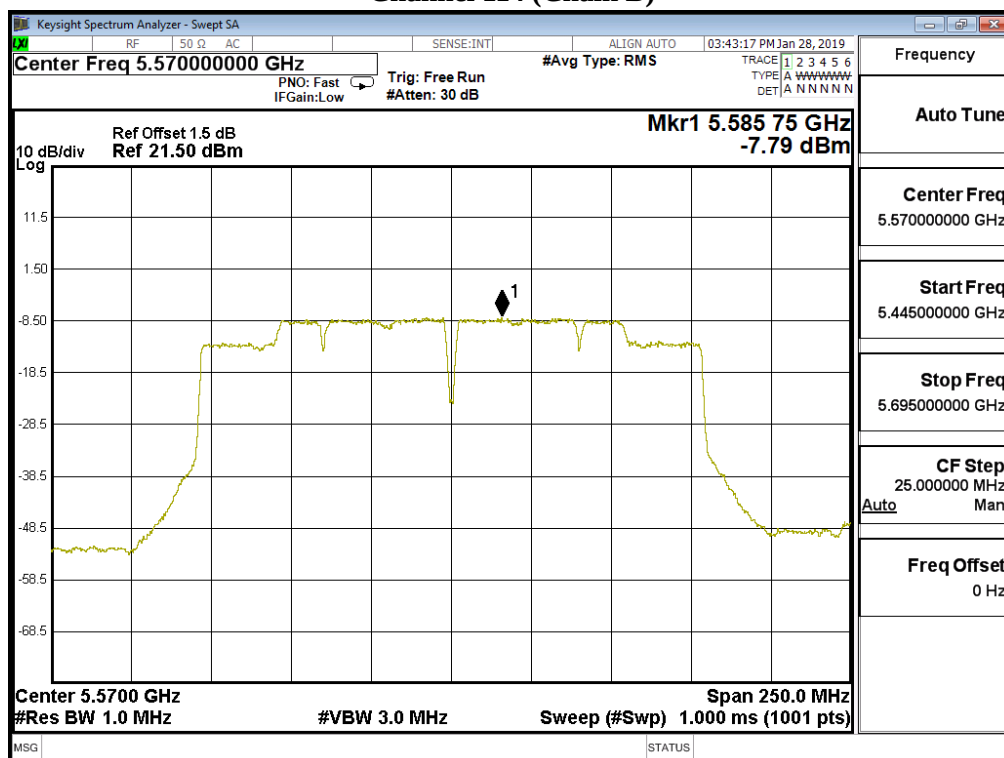
Channel 50 (Chain B)



Channel 114 (Chain A)



Channel 114 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108年01月19日

測試項目：峰值功率頻譜密度

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

視頻頻寬：3MHz

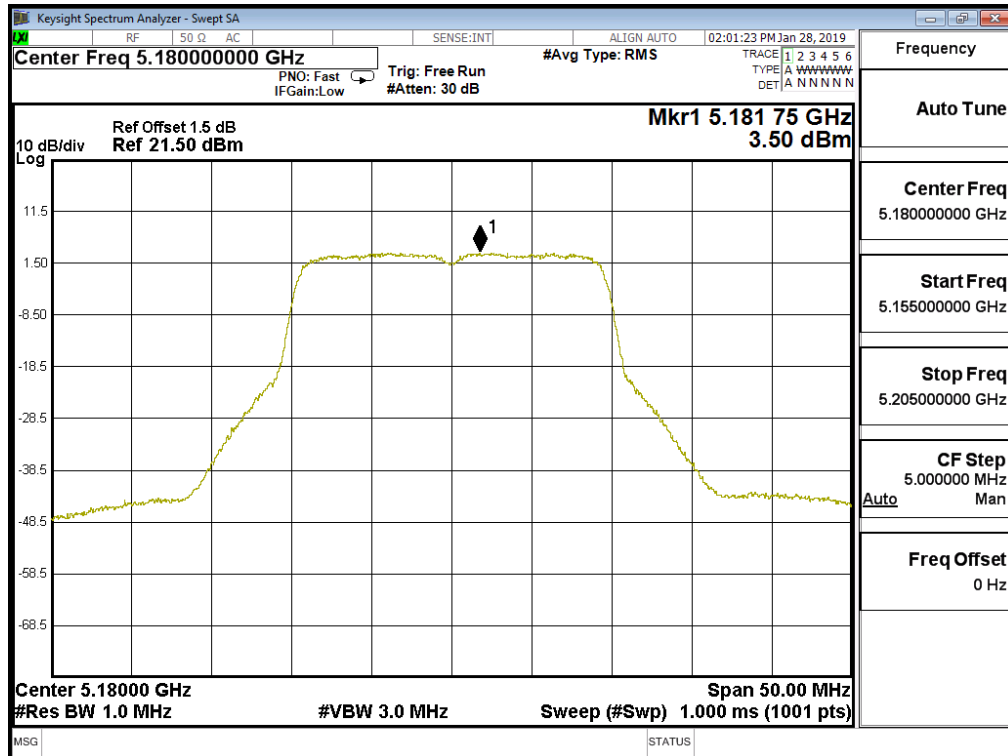
環境溫度：21 °C

環境濕度：53 %

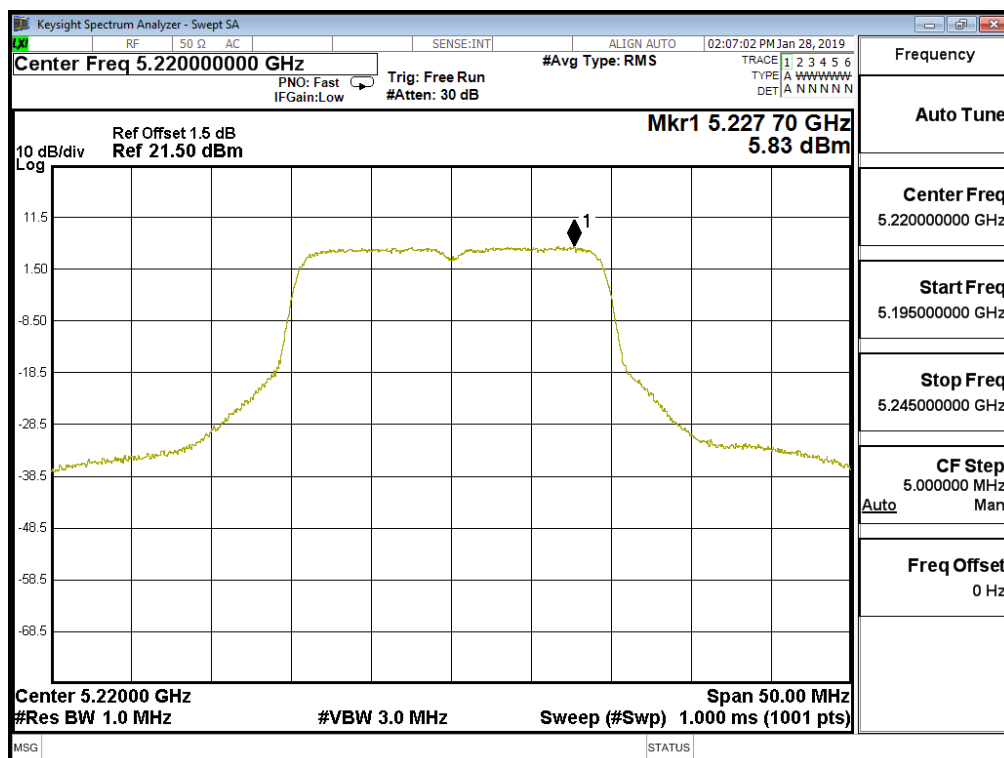
Channel Number	Frequency (MHz)	PPSD (dBm)	Required Limit (dBm)	Result
36	5180	3.500	<11	Pass
44	5220	5.830	<11	Pass
48	5240	4.690	<11	Pass
52	5260	5.090	<11	Pass
60	5300	6.830	<11	Pass
64	5320	2.830	<11	Pass
100	5500	3.220	<11	Pass
116	5580	5.360	<11	Pass
140	5700	4.080	<11	Pass

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
144(U-NII-2C)	5720	5.560	--	5.560	<11	Pass
144(U-NII-3)	5720	-2.490	5.980	3.490	<30	Pass
149	5745	-2.980	6.980	4.000	<30	Pass
157	5785	-2.440	6.980	4.540	<30	Pass
165	5825	-3.240	6.980	3.740	<30	Pass

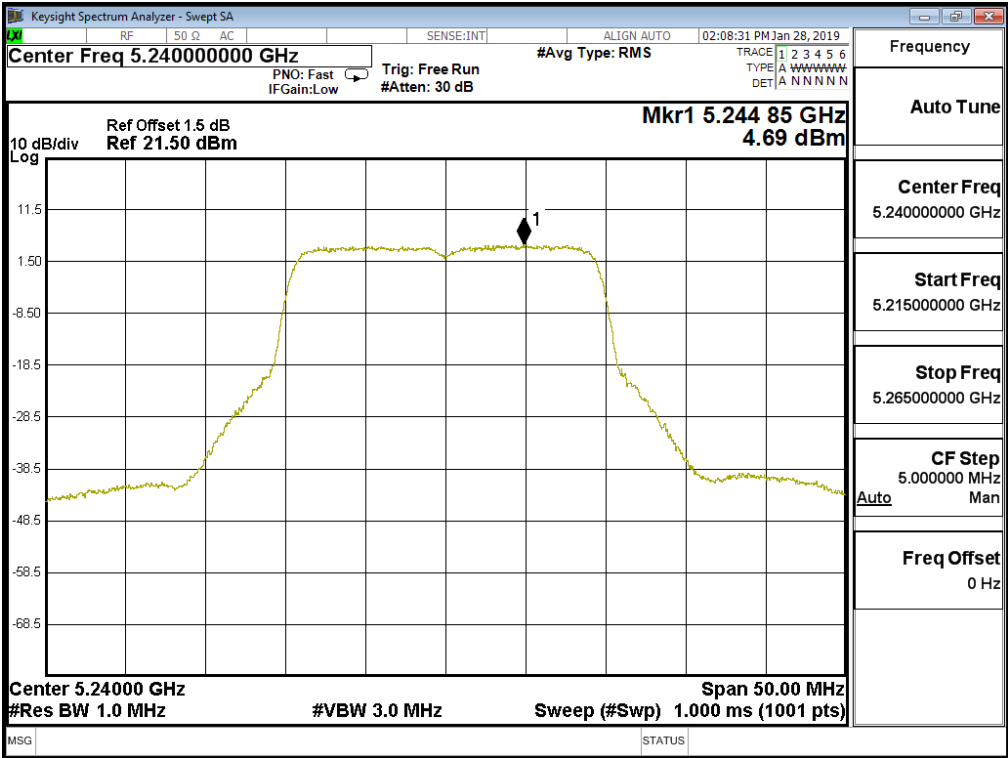
Channel 36



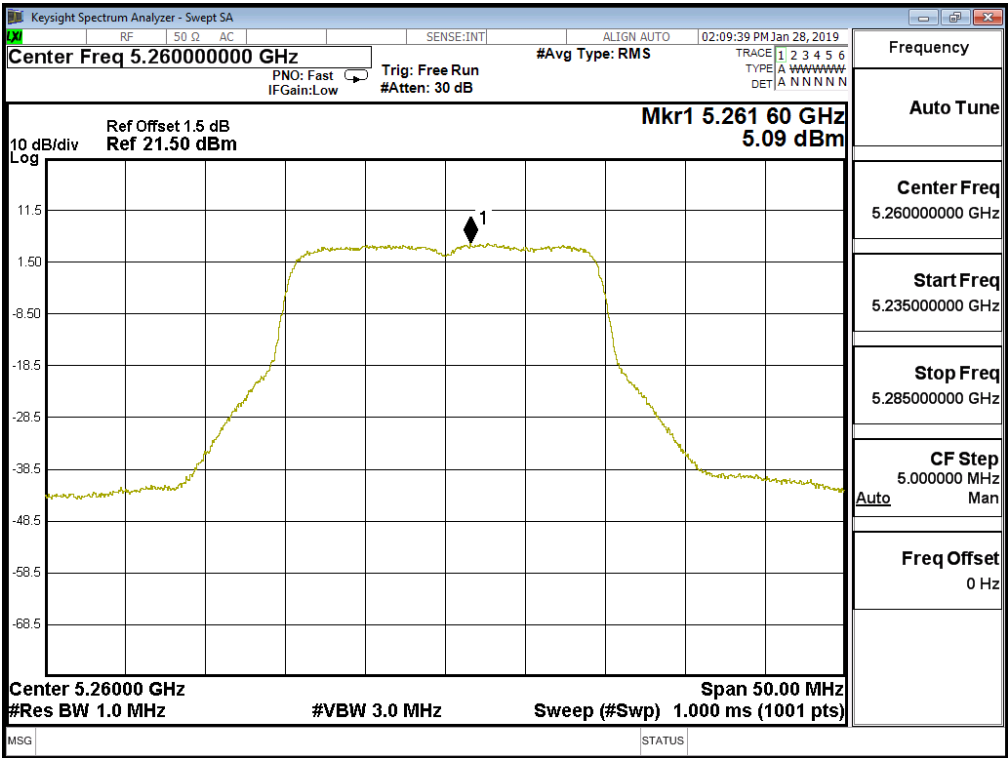
Channel 44



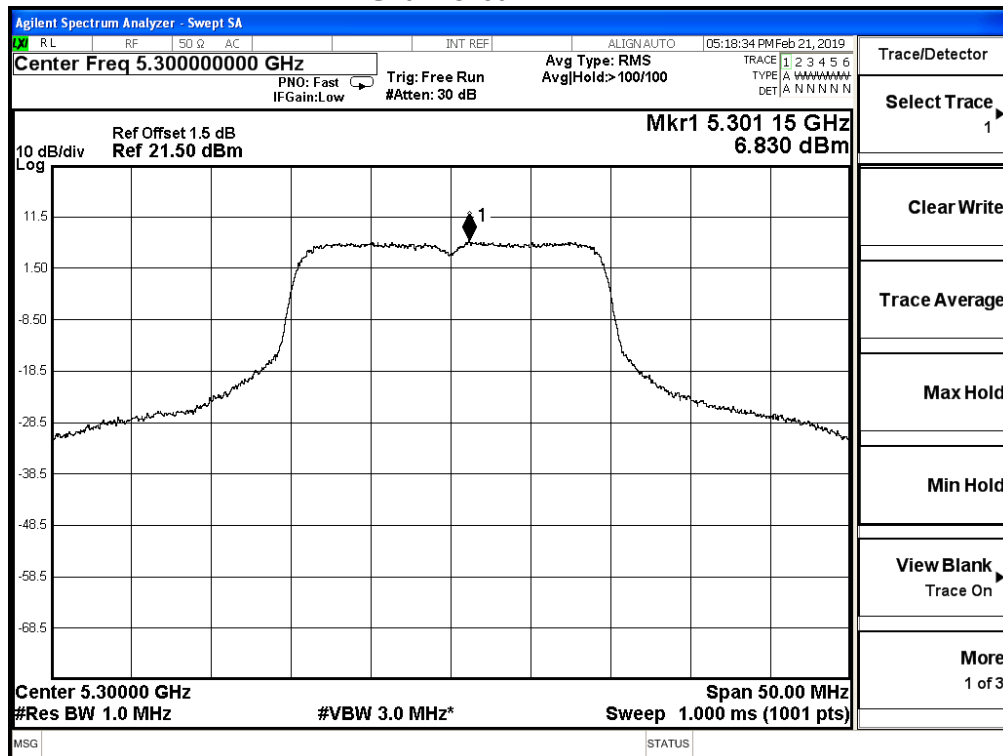
Channel 48



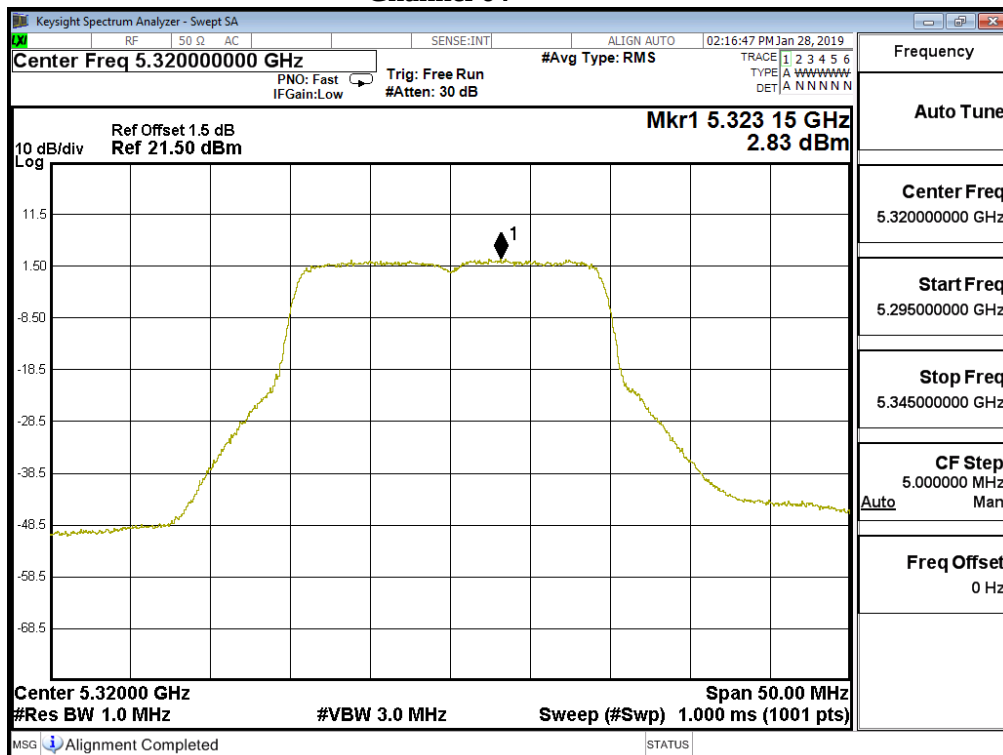
Channel 52



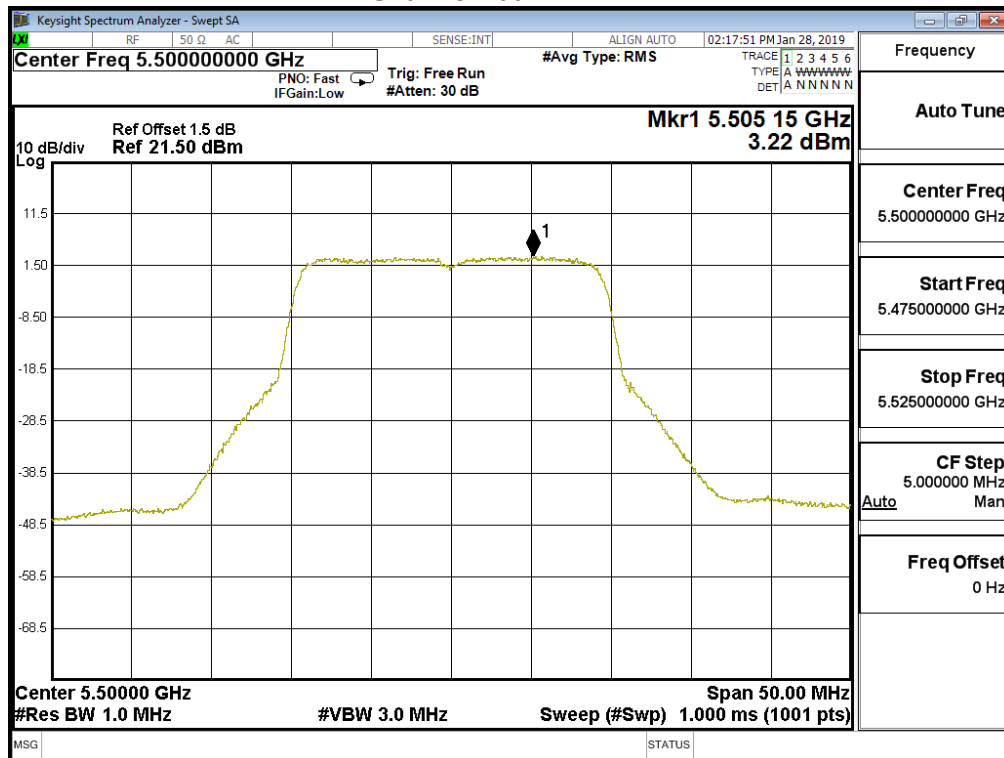
Channel 60



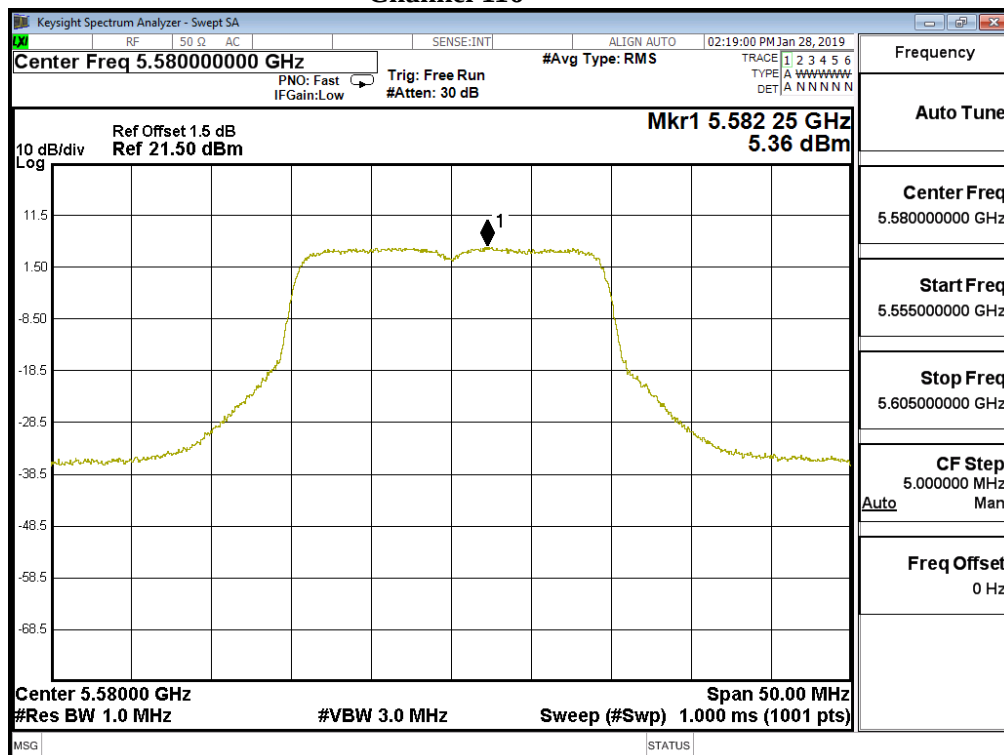
Channel 64



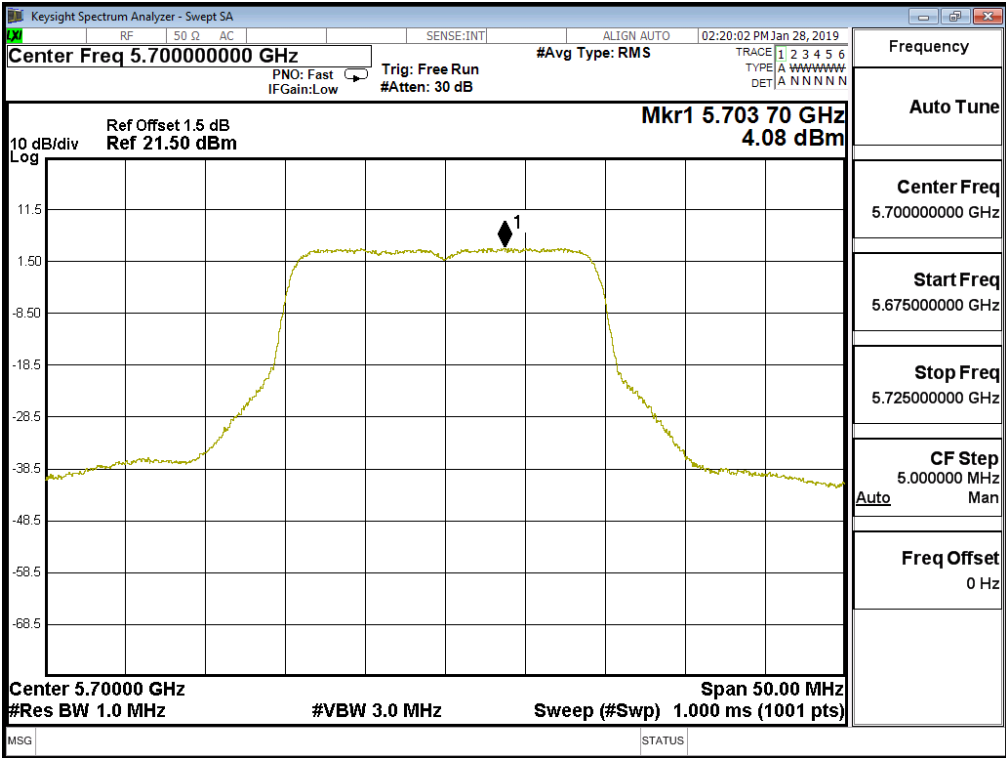
Channel 100



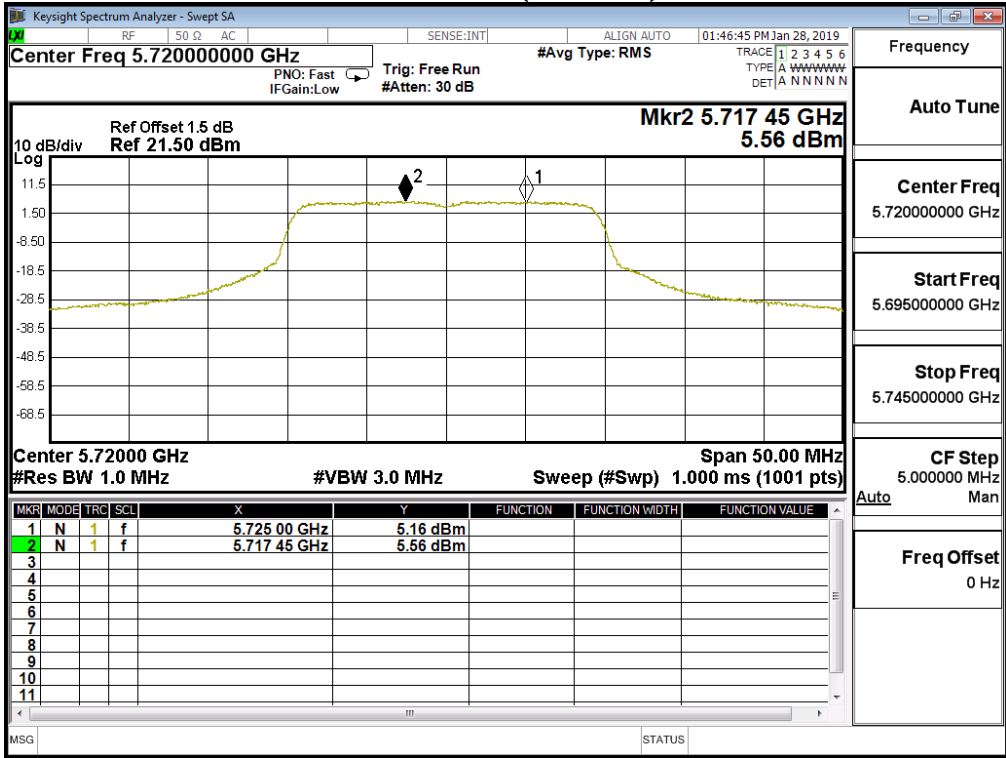
Channel 116



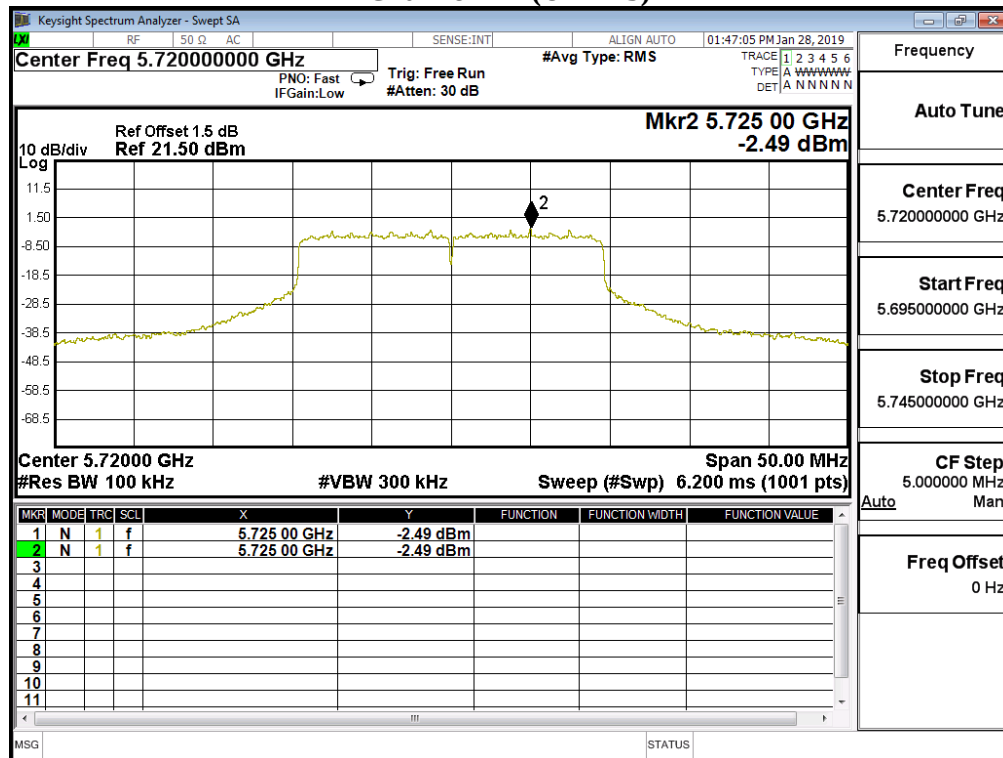
Channel 140



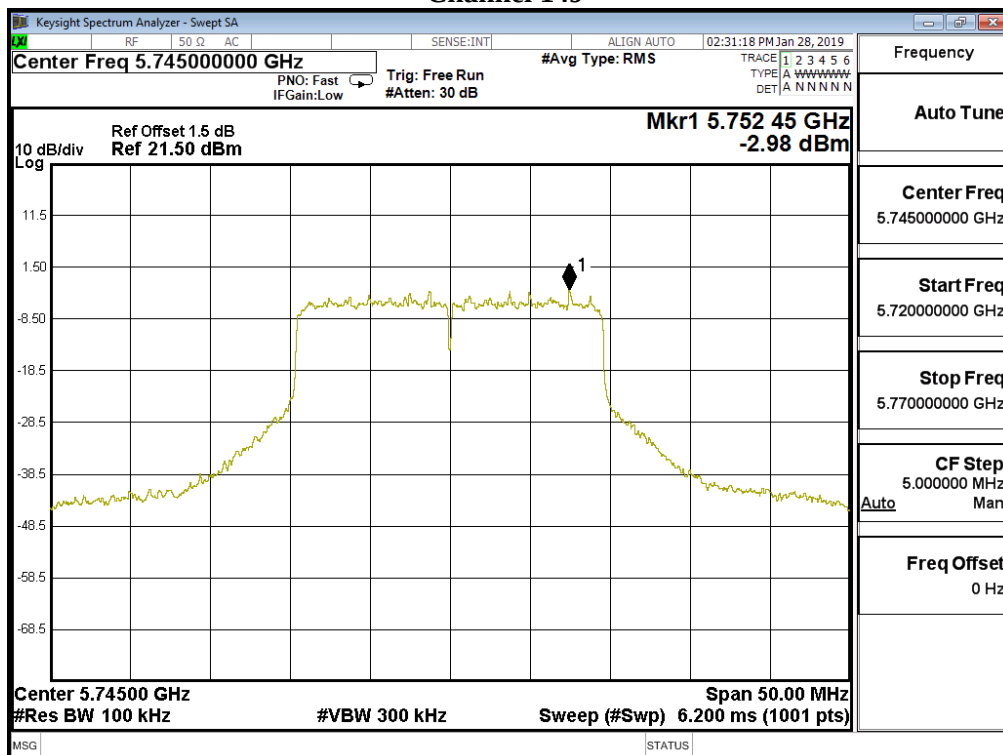
Channel 144(U-NII-2C)



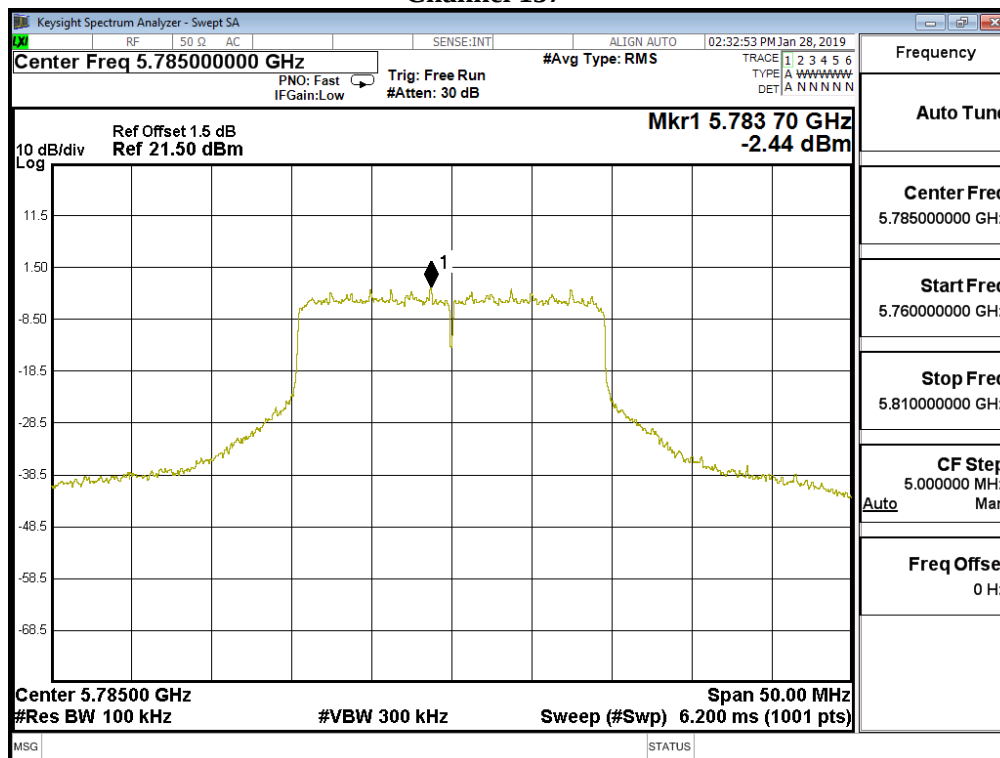
Channel 144 (U-NII-3)



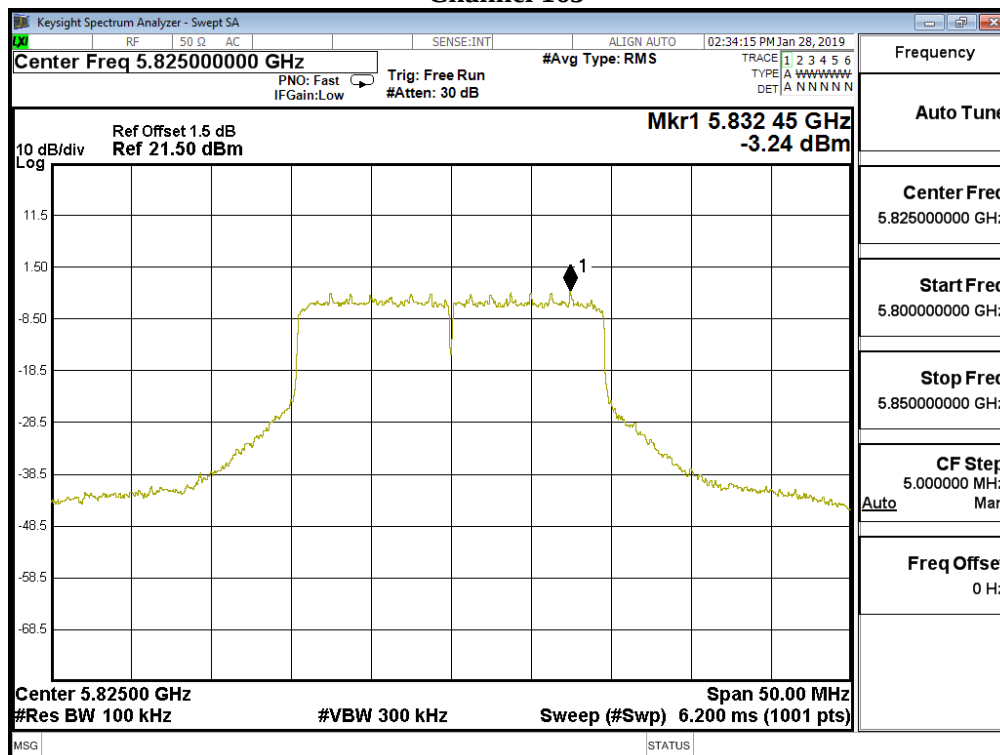
Channel 149



Channel 157



Channel 165



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

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

視頻頻寬：3MHz

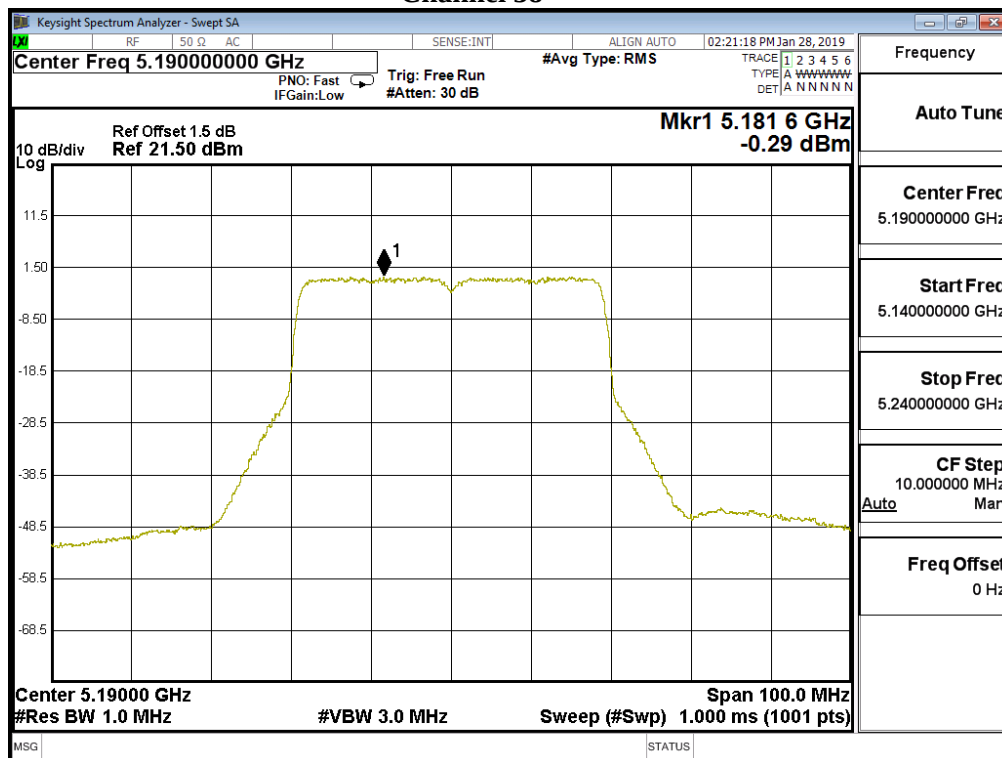
環境溫度：21 °C

環境濕度：53 %

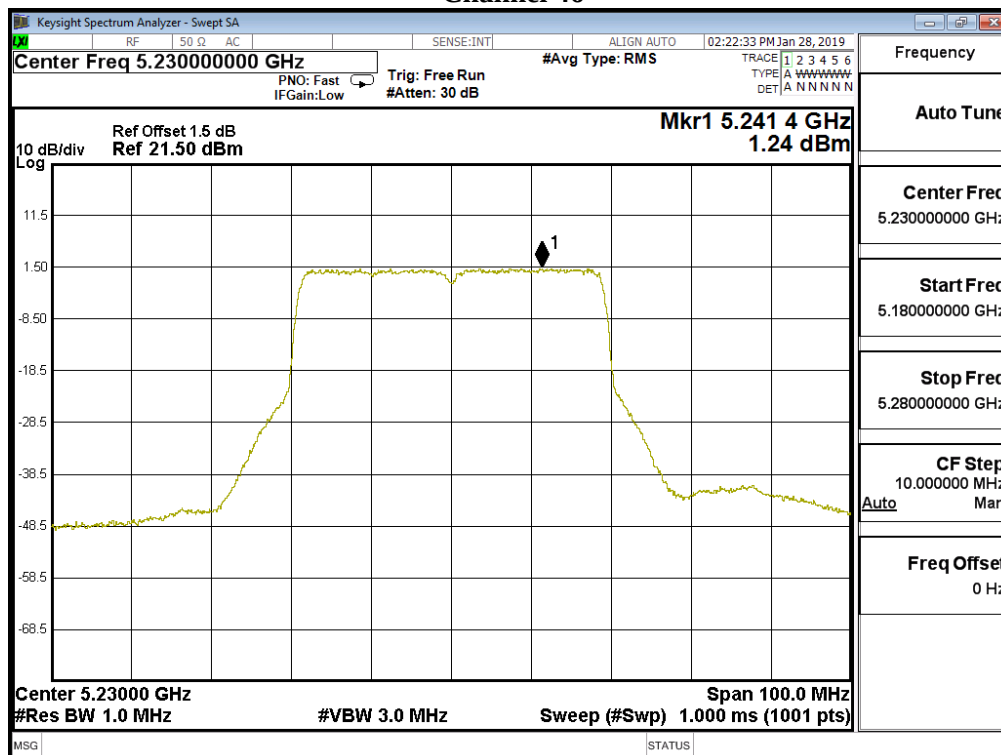
Channel Number	Frequency (MHz)	Total PPSP (dBm)	Required Limit (dBm)	Result
38	5190	-0.290	<11	Pass
46	5230	1.240	<11	Pass
54	5270	1.300	<11	Pass
62	5310	-2.460	<11	Pass
102	5510	0.330	<11	Pass
110	5550	2.500	<11	Pass
134	5670	1.400	<11	Pass

Channel Number	Frequency (MHz)	PPSP (dBm)	BWCF (dB)	Total PPSP (dBm)	Required Limit (dBm)	Result
142(U-NII-2C)	5710	2.960	--	2.960	<11	Pass
142(U-NII-3)	5710	-6.160	5.980	-0.180	<30	Pass
151	5755	-5.800	6.980	1.180	<30	Pass
159	5795	-6.230	6.980	0.750	<30	Pass

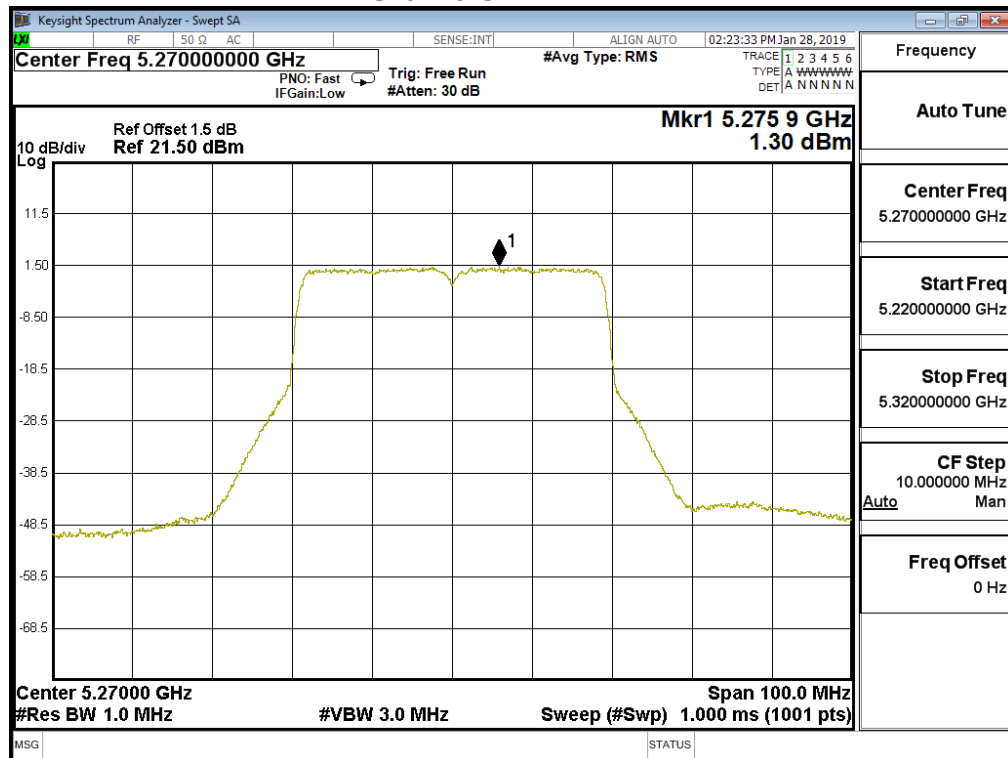
Channel 38



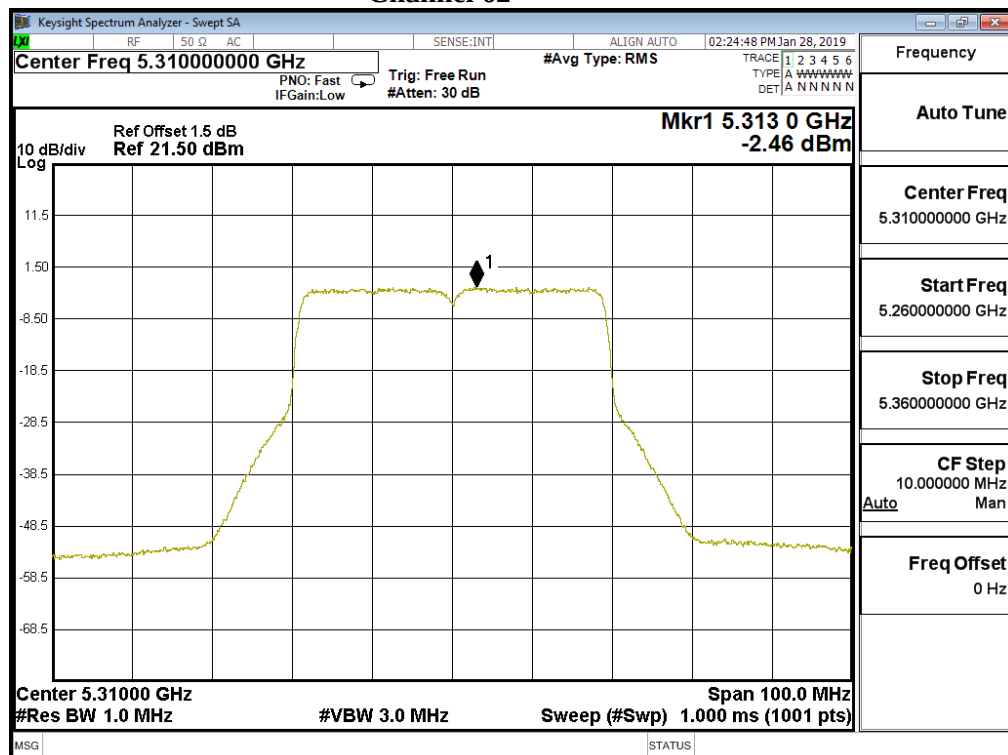
Channel 46



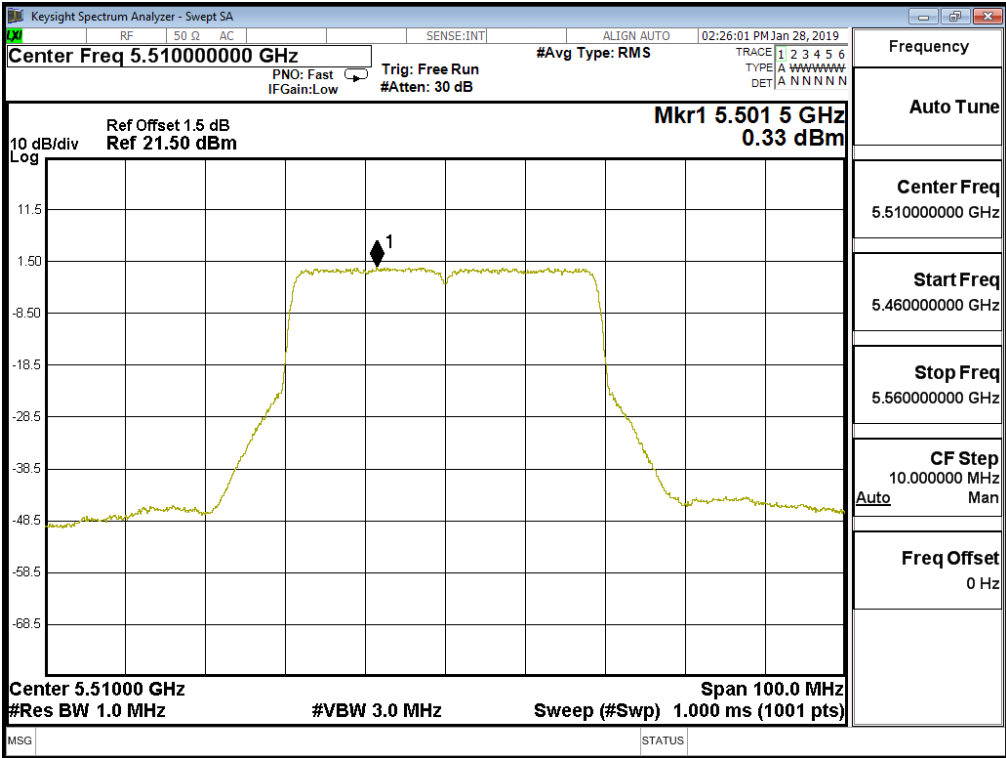
Channel 54



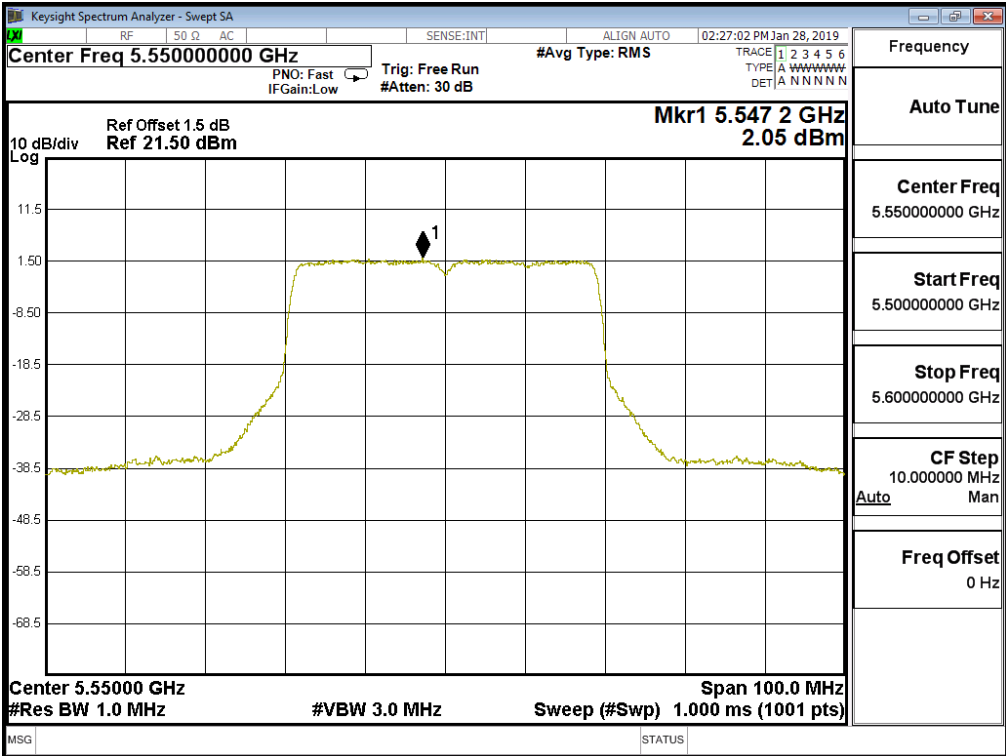
Channel 62



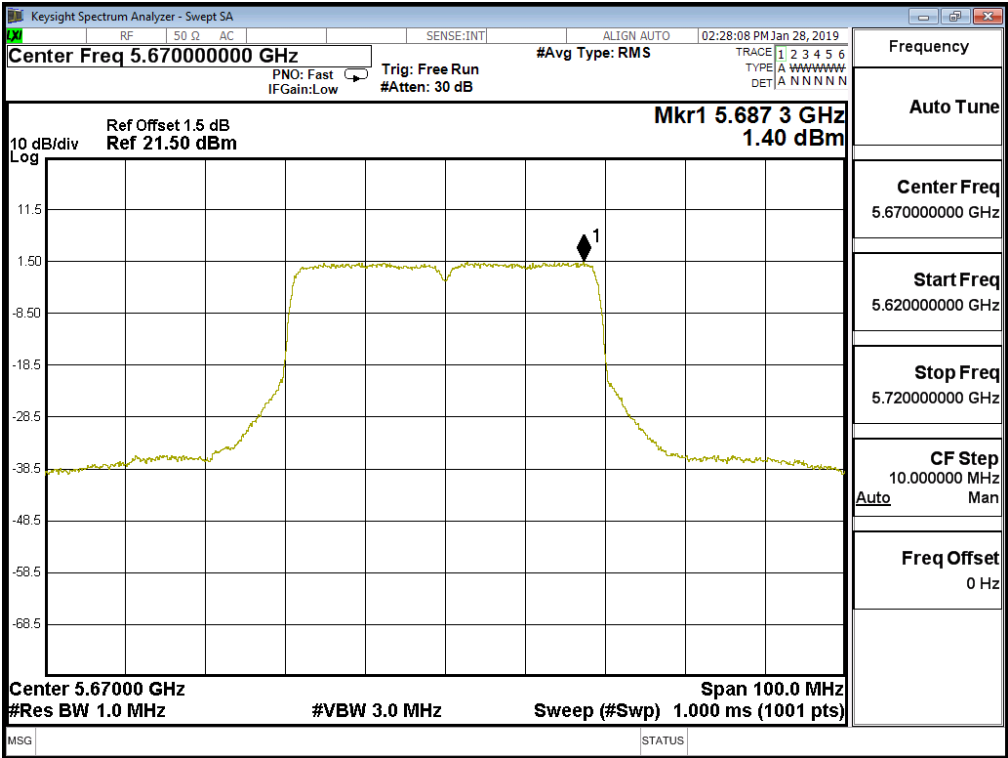
Channel 102



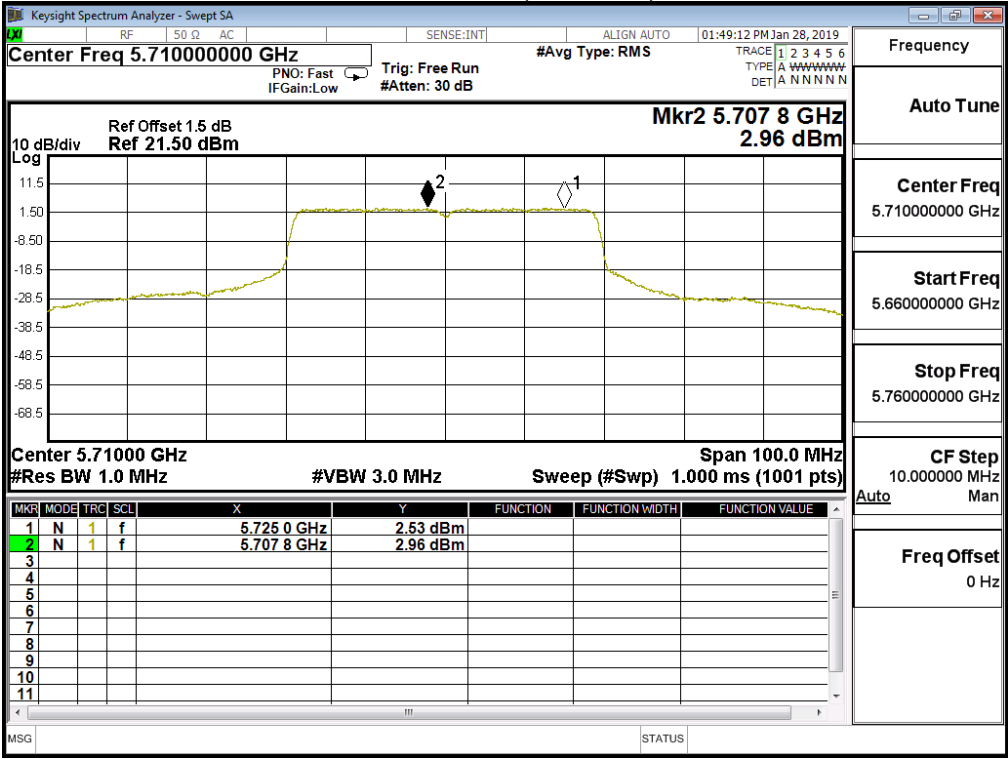
Channel 110



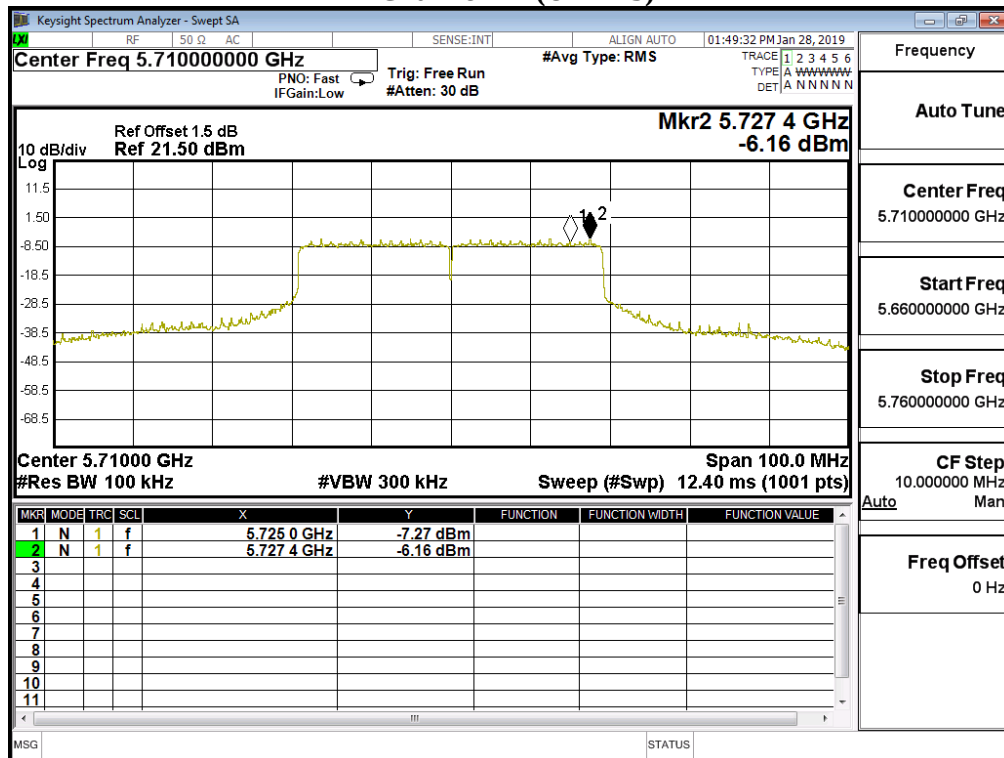
Channel 134



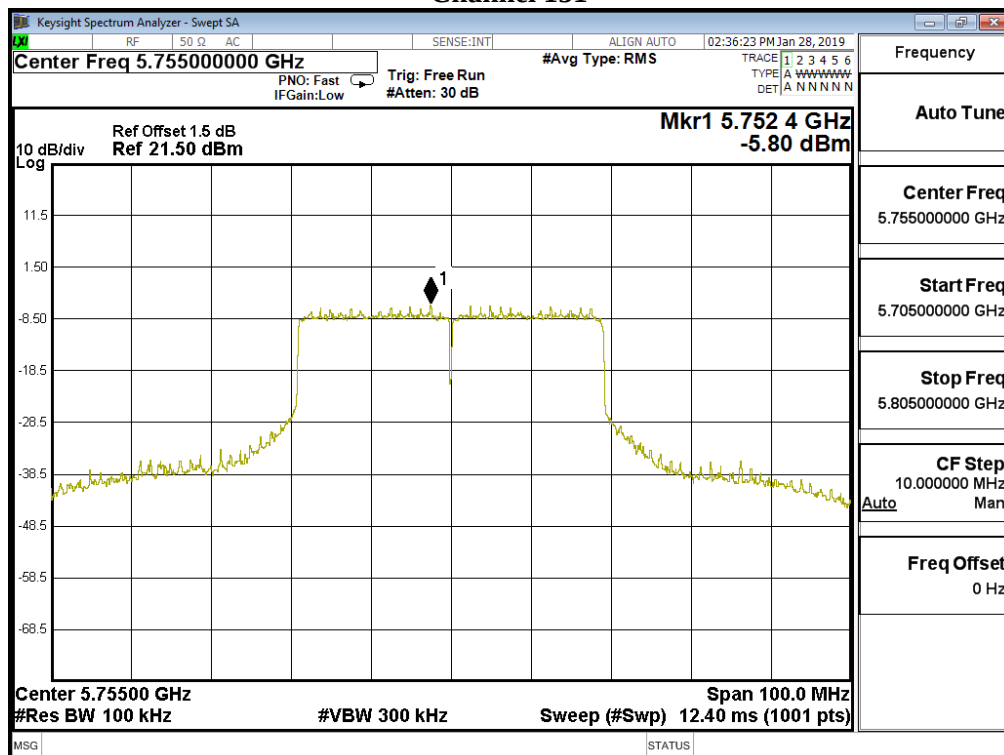
Channel 142(U-NII-2C)



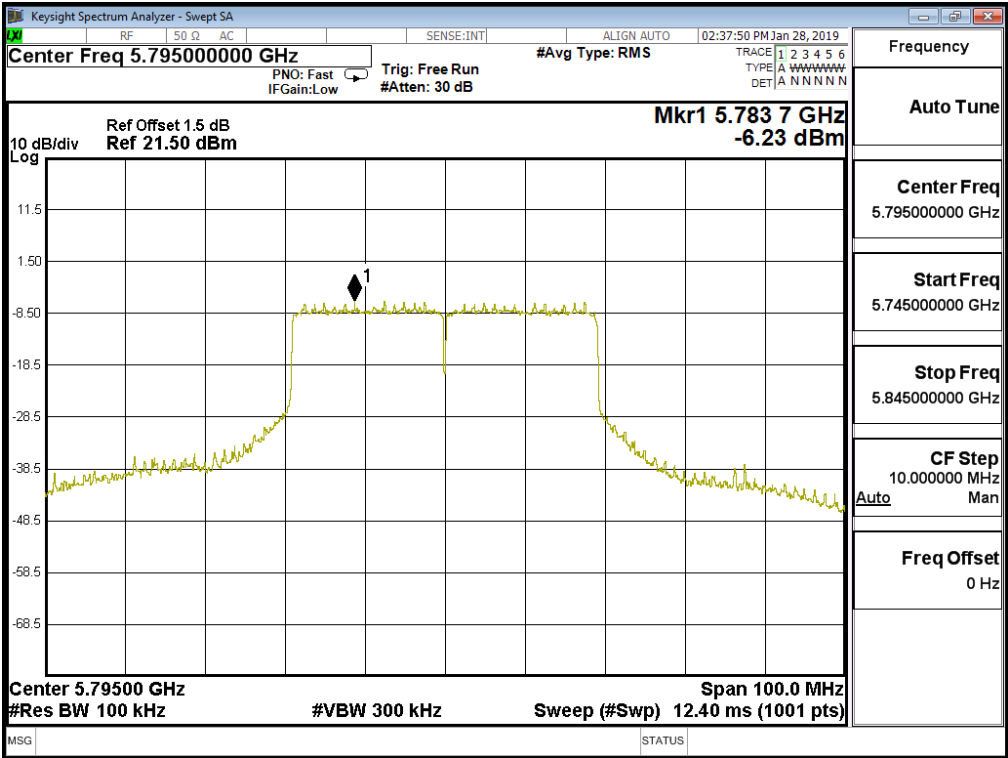
Channel 142(U-NII-3)



Channel 151



Channel 159



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108年01月19日

測試項目：峰值功率頻譜密度

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

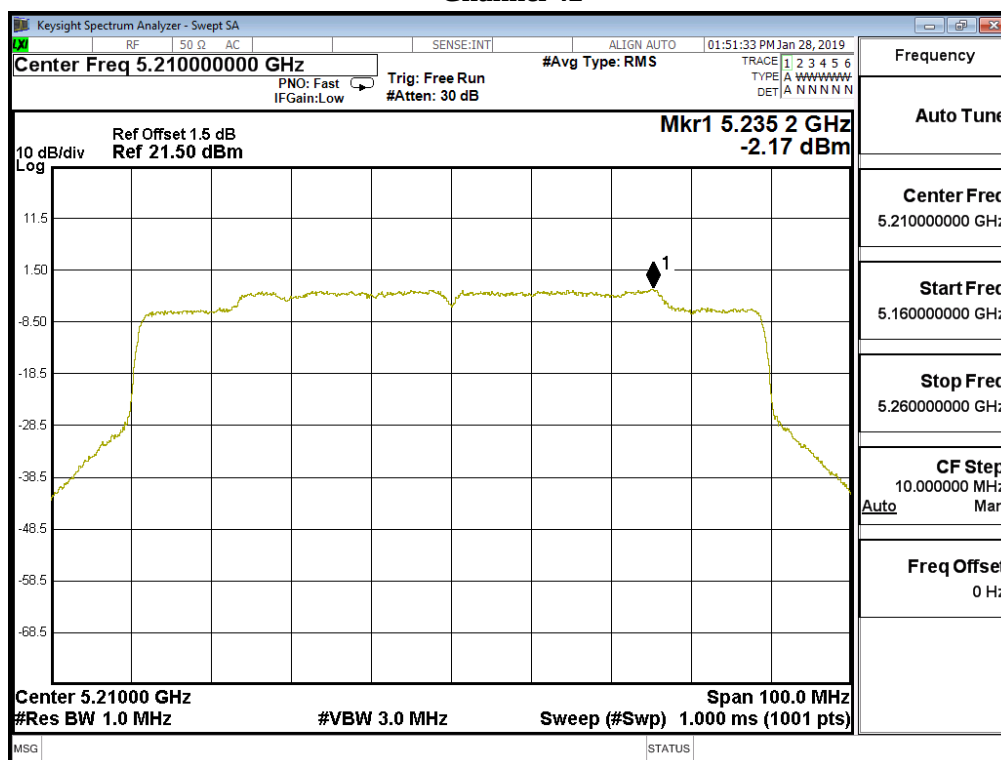
視頻頻寬：3MHz

環境溫度：21 °C

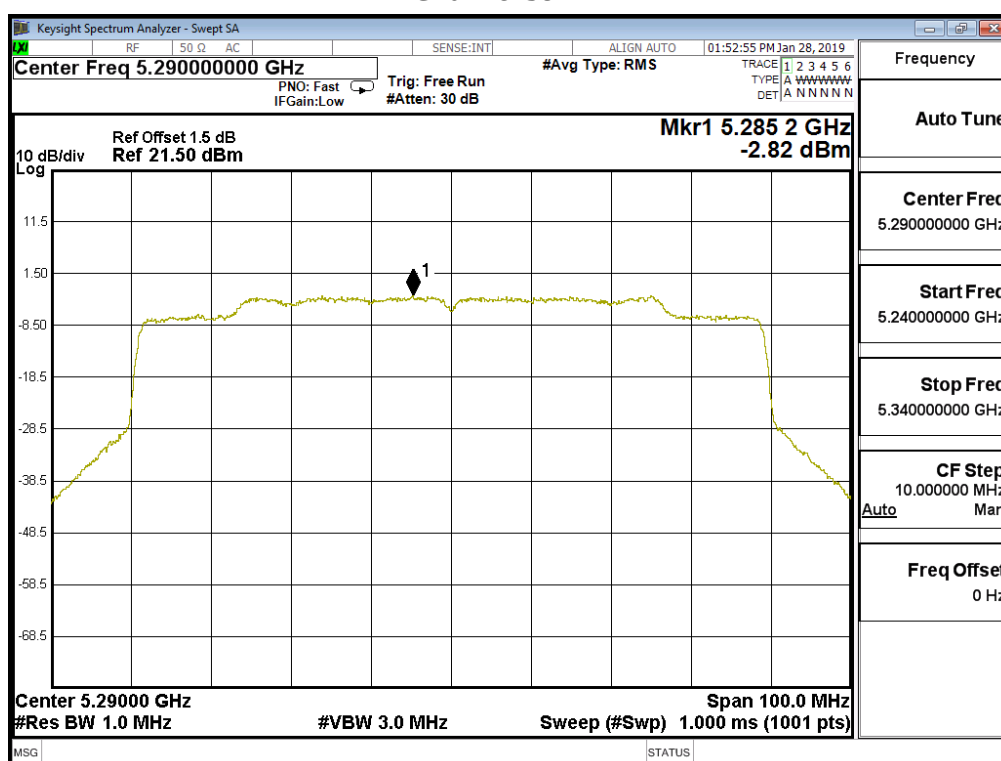
環境濕度：53 %

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
42	5210	-2.170	--	-2.170	<11	Pass
58	5290	-2.820	--	-2.820	<11	Pass
106	5530	-1.870	--	-1.870	<11	Pass
122	5610	-1.270	--	-1.270	<11	Pass
138(U-NII-2C)	5690	0.490	--	0.490	<11	Pass
138(U-NII-3)	5690	-11.990	6.98	-5.010	<30	Pass
155	5775	-9.650	6.98	-2.670	<30	Pass

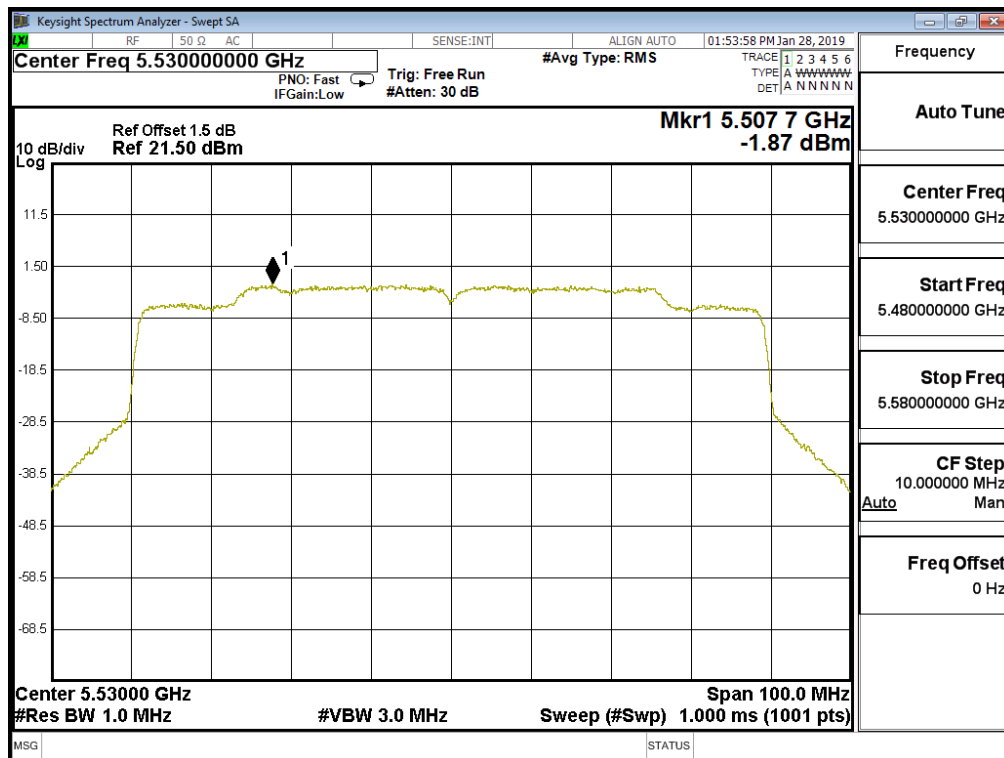
Channel 42



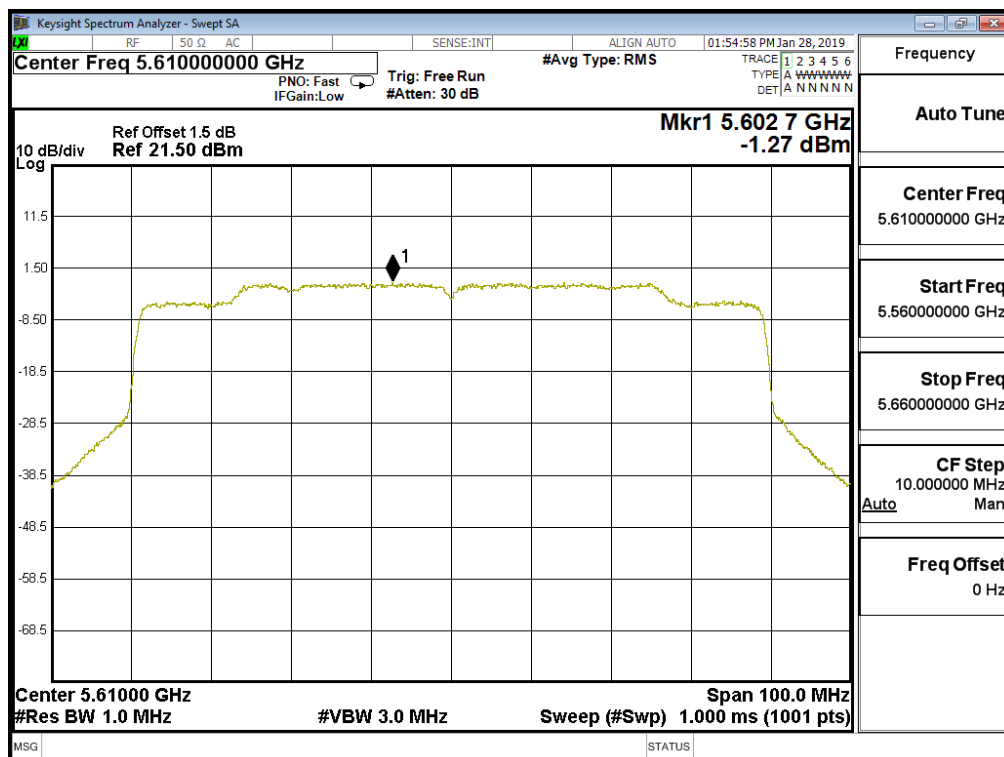
Channel 58



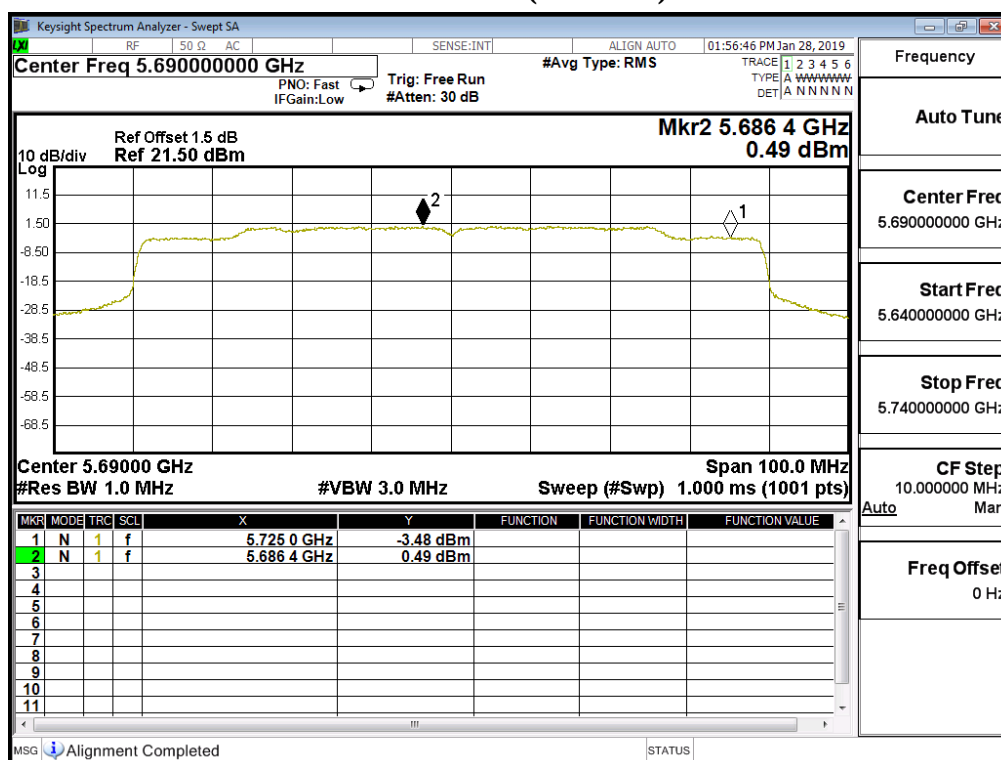
Channel 106



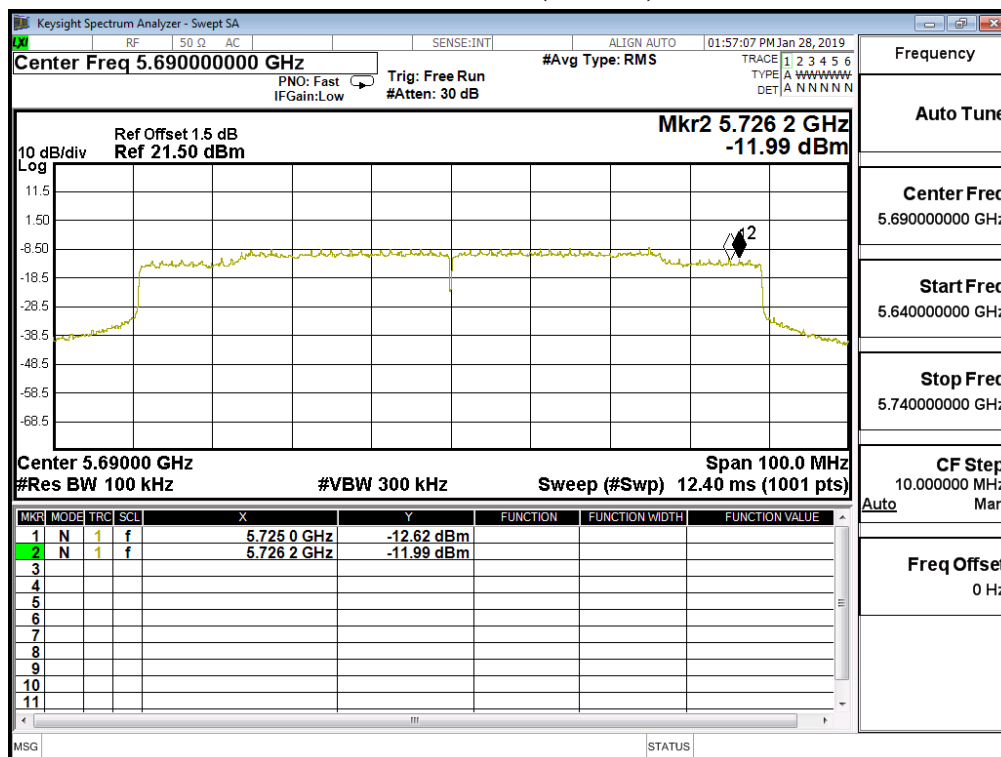
Channel 122



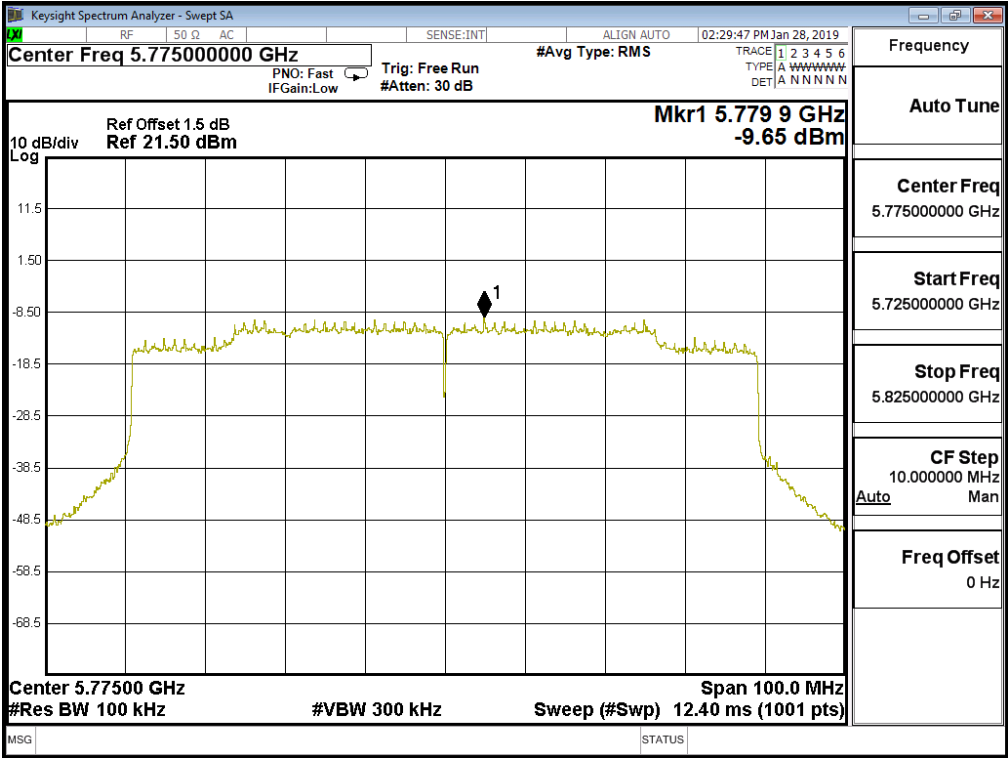
Channel 138 (U-NII-2C)



Channel 138 (U-NII-3)



Channel 155



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢 測 器：峰值

測試日期：108 年 01 月 19 日

測 試 項 目：峰值功率頻譜密度

測 試 模 式：Mode 1: SISO A: 發射器 802.11ax-160BW

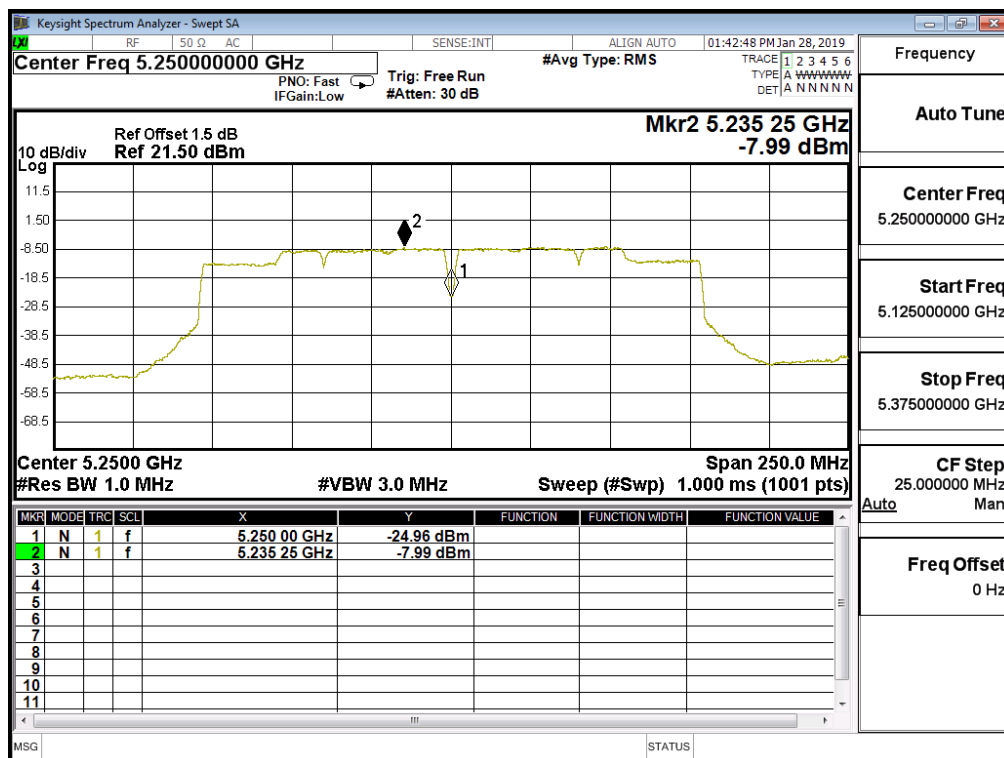
視 頻 頻 寬：3MHz

環 境 溫 度：21 °C

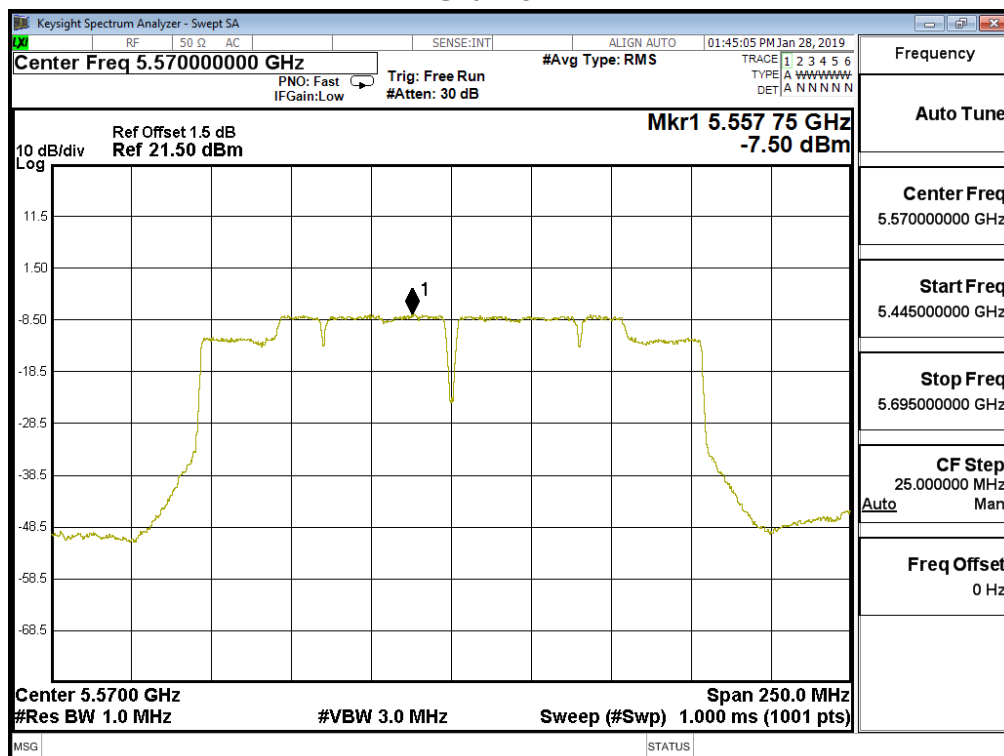
環 境 濕 度：53 %

Channel Number	Frequency (MHz)	PPSD (dBm)	Required Limit (dBm)	Result
50	5250	-7.990	<11	Pass
114	5570	-7.500	<11	Pass

Channel 50



Channel 114



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108年01月19日

測試項目：峰值功率頻譜密度

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

視頻頻寬：3MHz

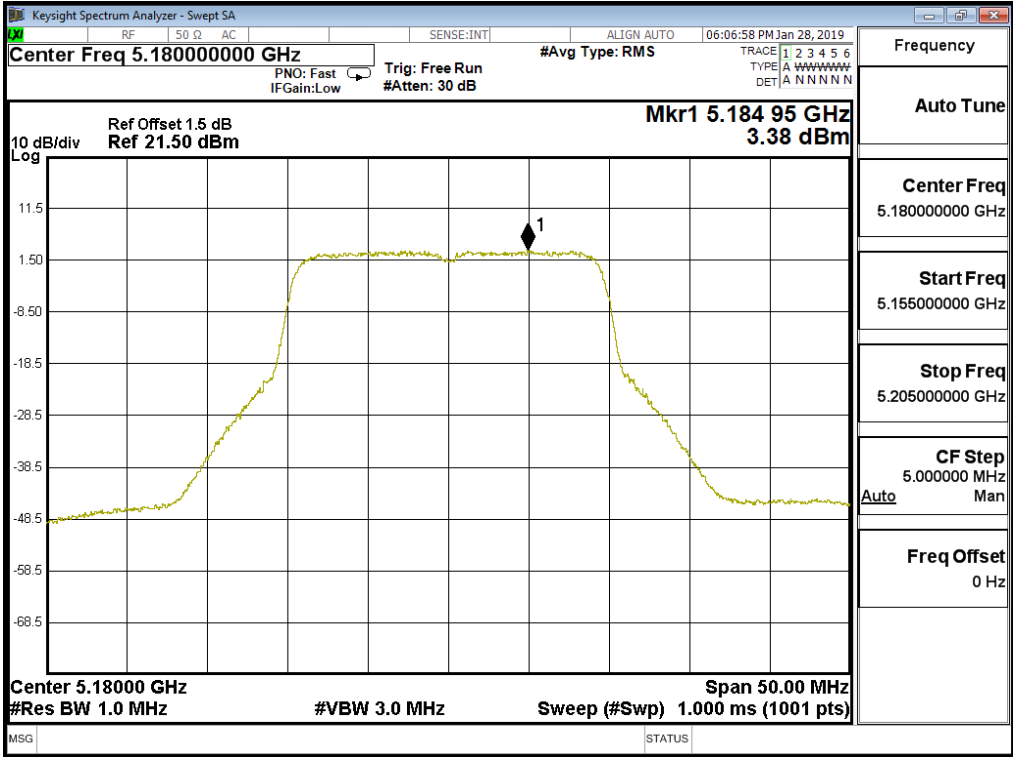
環境溫度：21 °C

環境濕度：53 %

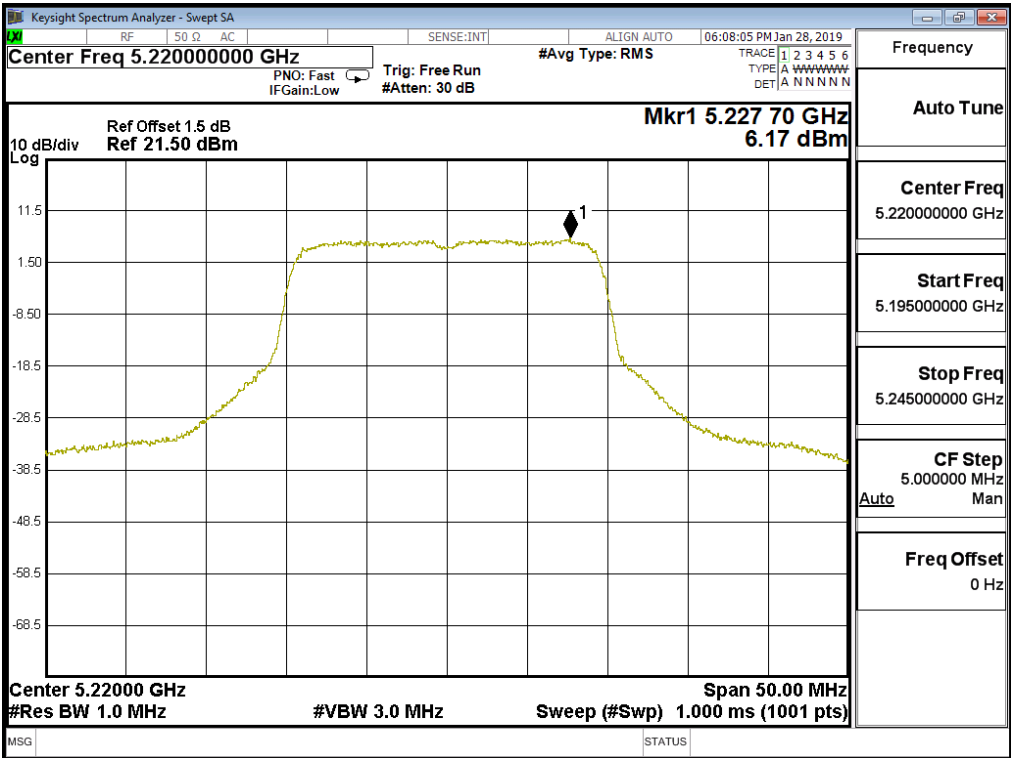
Channel Number	Frequency (MHz)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	3.380	<11	Pass
44	5220	6.170	<11	Pass
48	5240	4.840	<11	Pass
52	5260	5.250	<11	Pass
60	5300	7.023	<11	Pass
64	5320	3.200	<11	Pass
100	5500	3.870	<11	Pass
116	5580	5.630	<11	Pass
140	5700	4.800	<11	Pass

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
144(U-NII-2C)	5720	6.090	--	6.090	<11	Pass
144(U-NII-3)	5720	-2.600	6.980	4.380	<30	Pass
149	5745	-2.820	6.980	4.160	<30	Pass
157	5785	-2.150	6.980	4.830	<30	Pass
165	5825	-3.240	6.980	3.740	<30	Pass

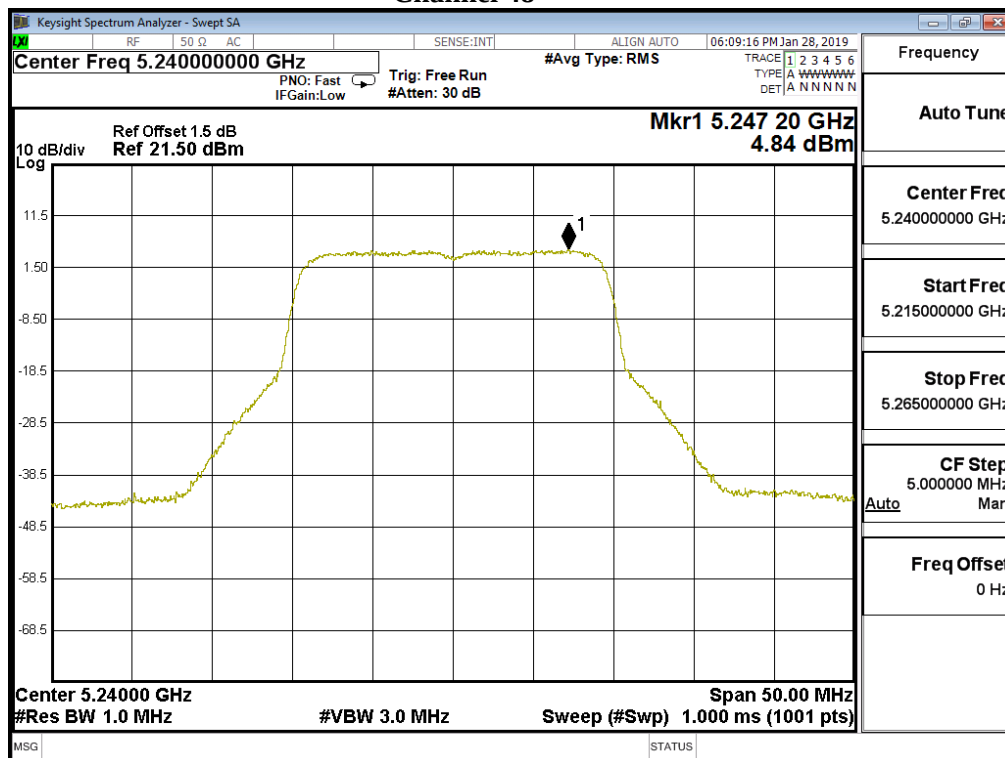
Channel 36



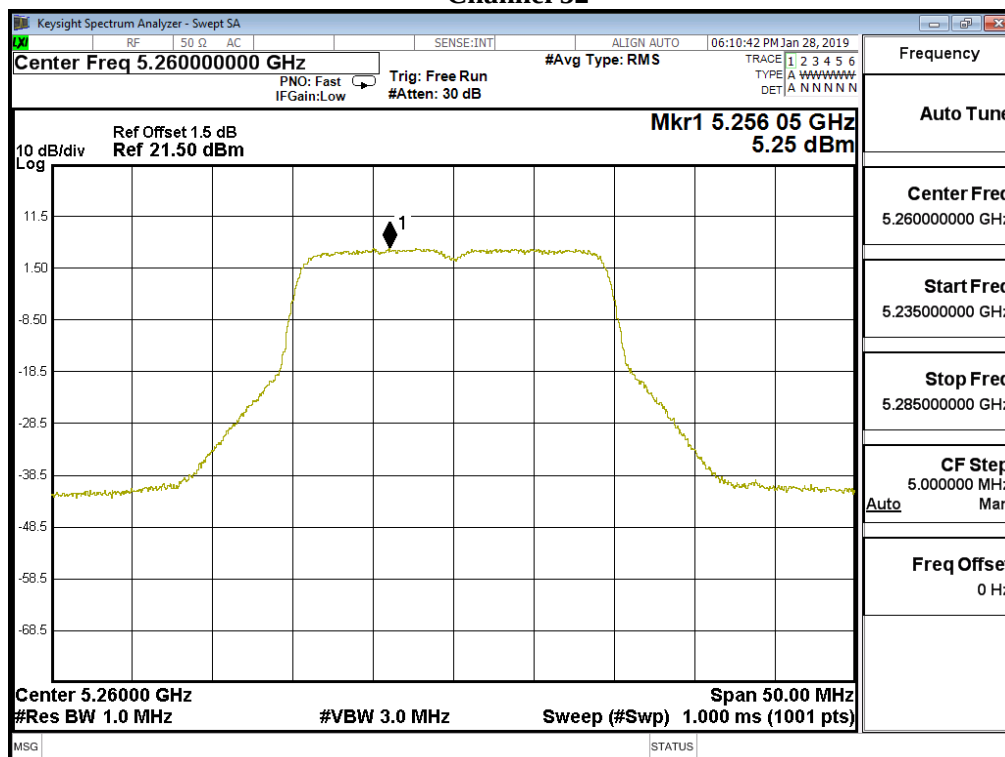
Channel 44



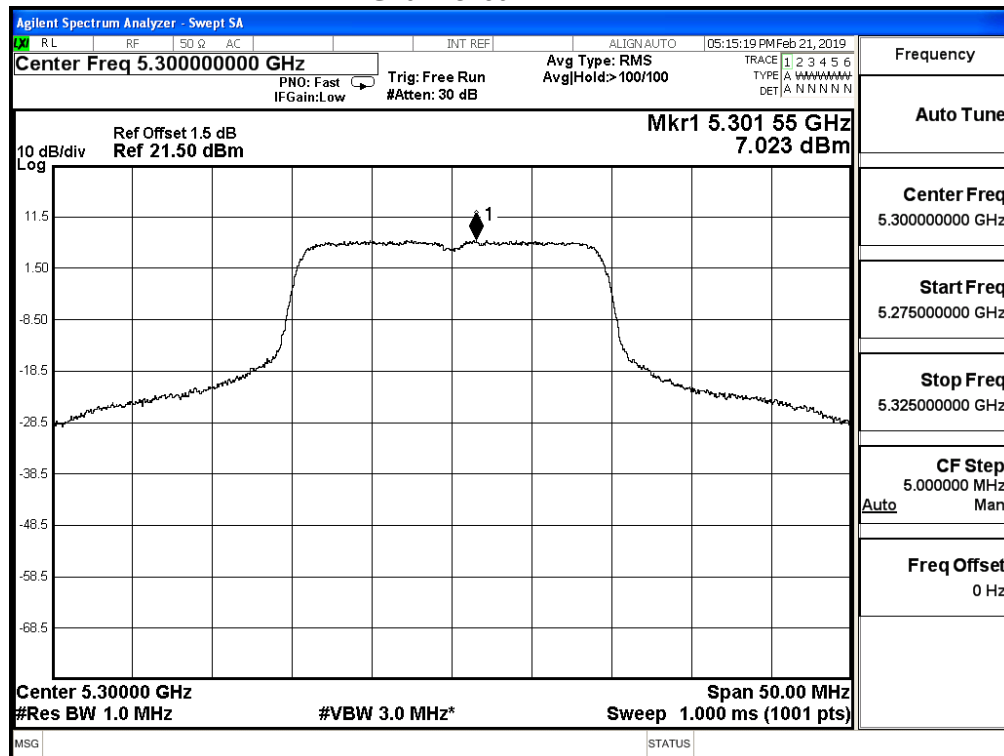
Channel 48



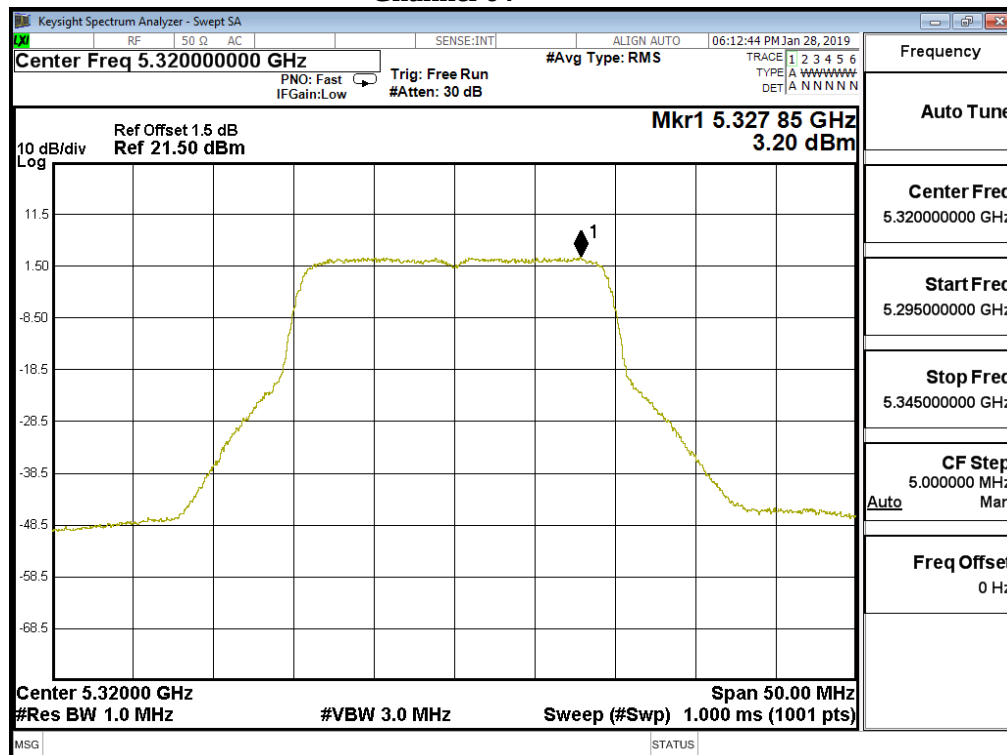
Channel 52



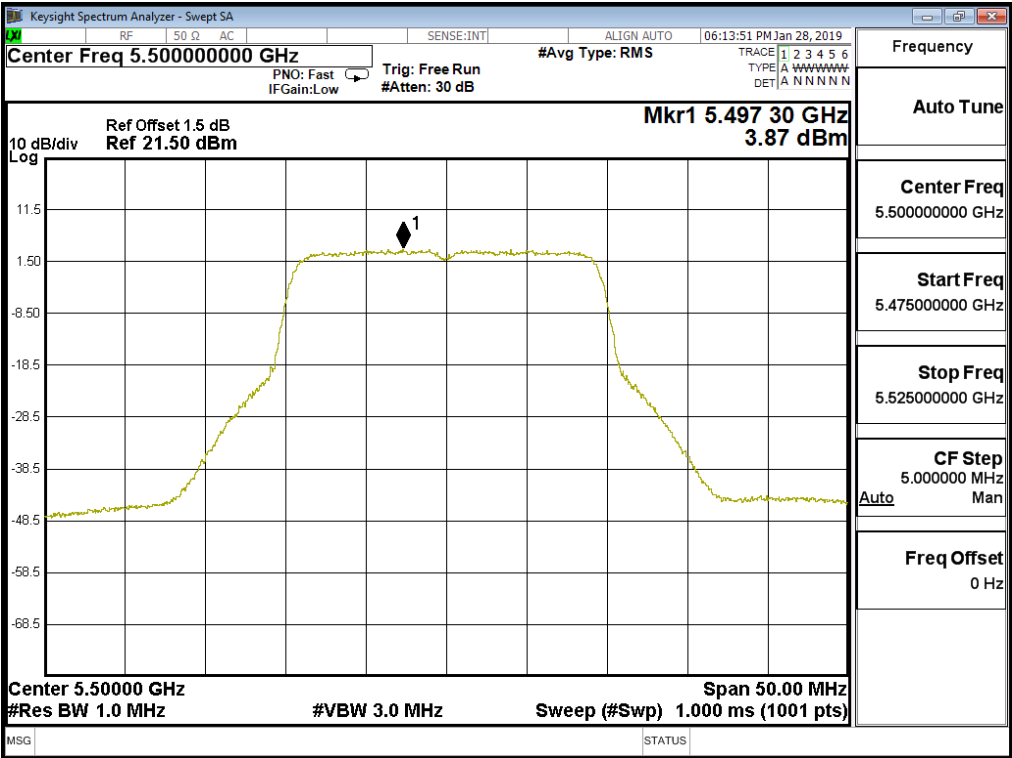
Channel 60



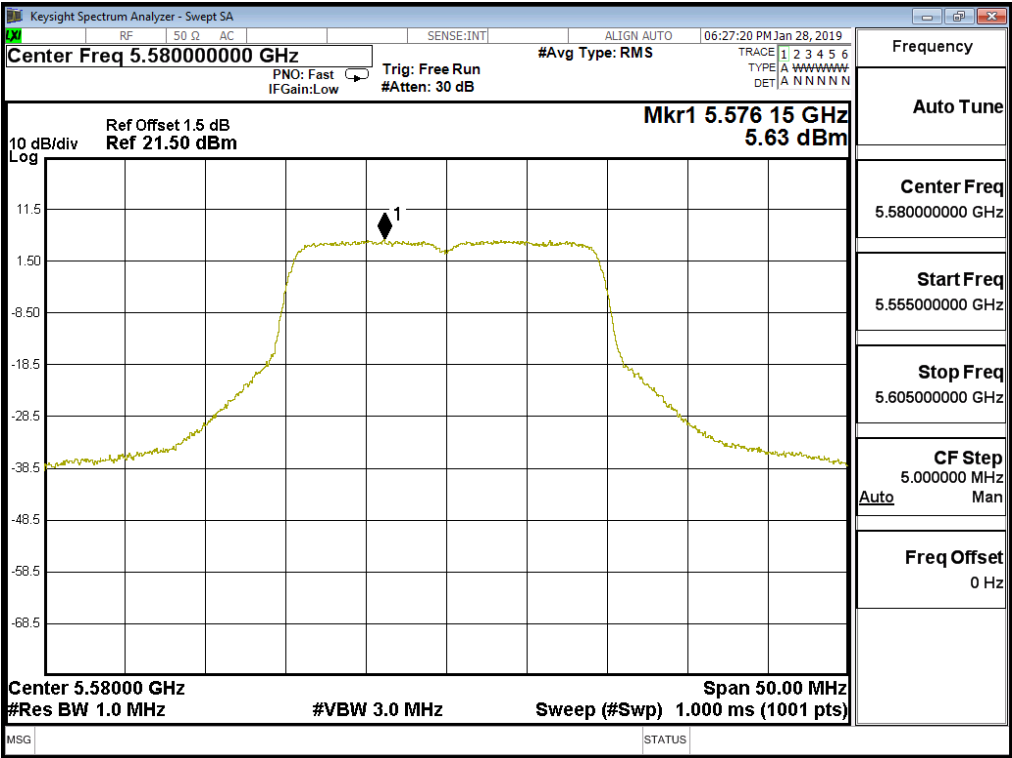
Channel 64



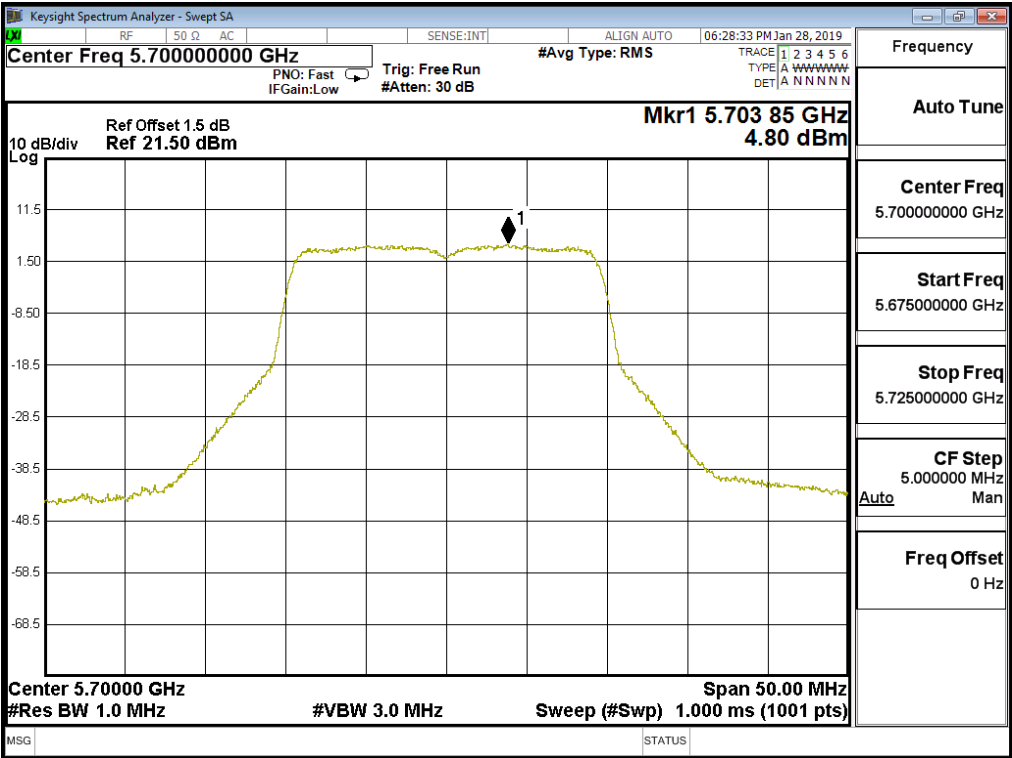
Channel 100



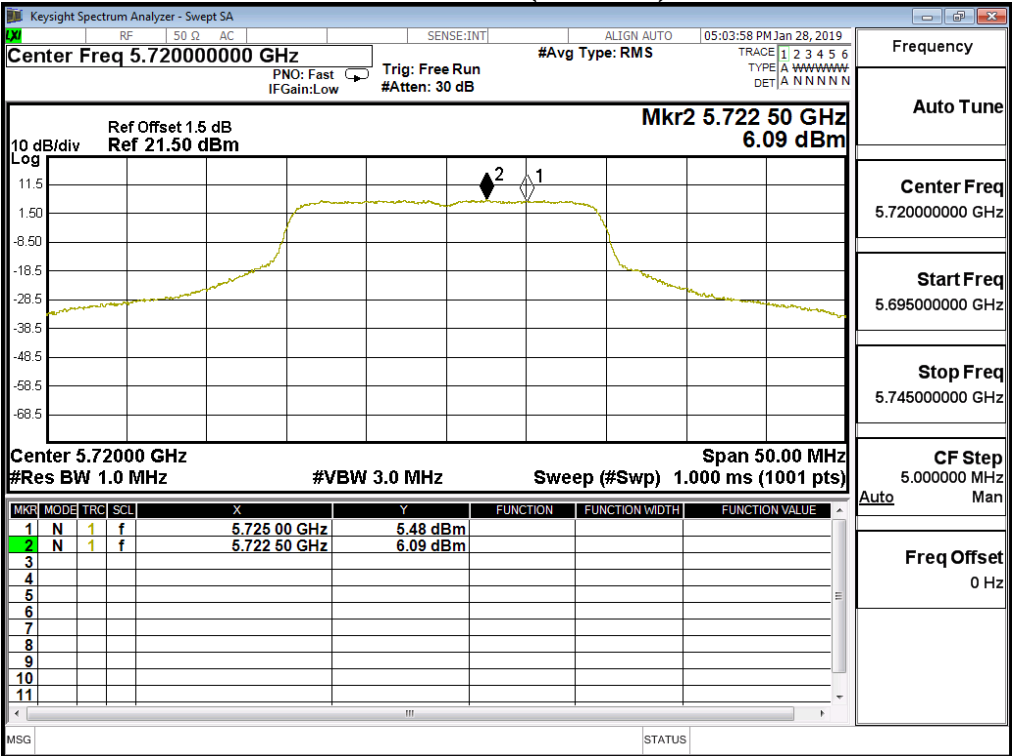
Channel 116



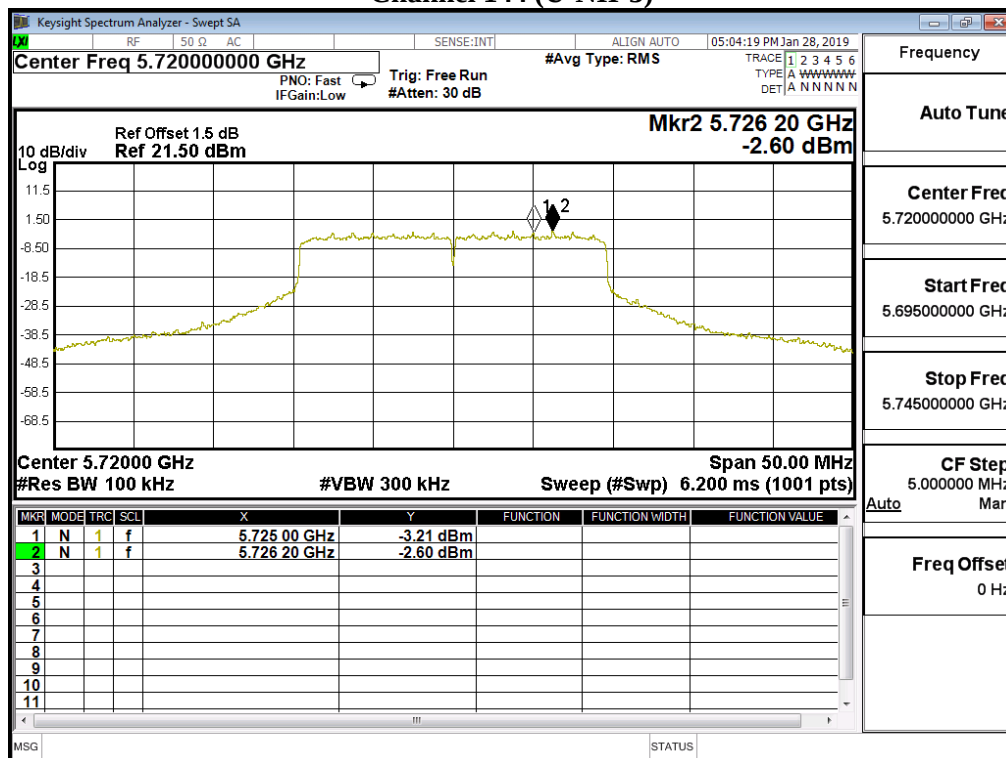
Channel 140



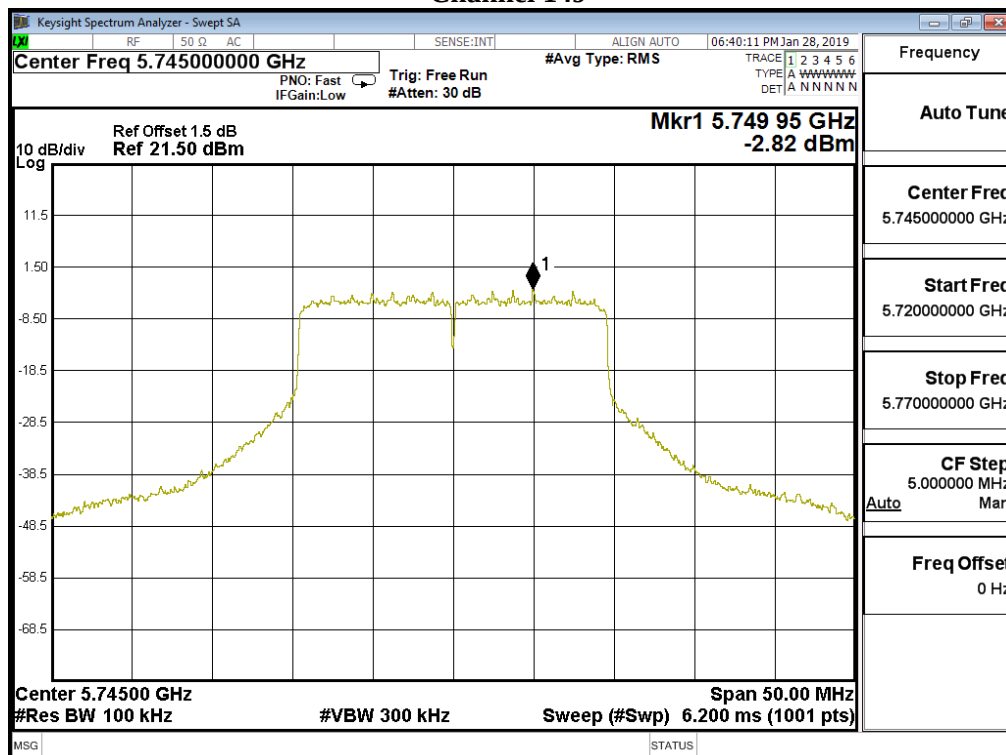
Channel 144 (U-NII-2C)



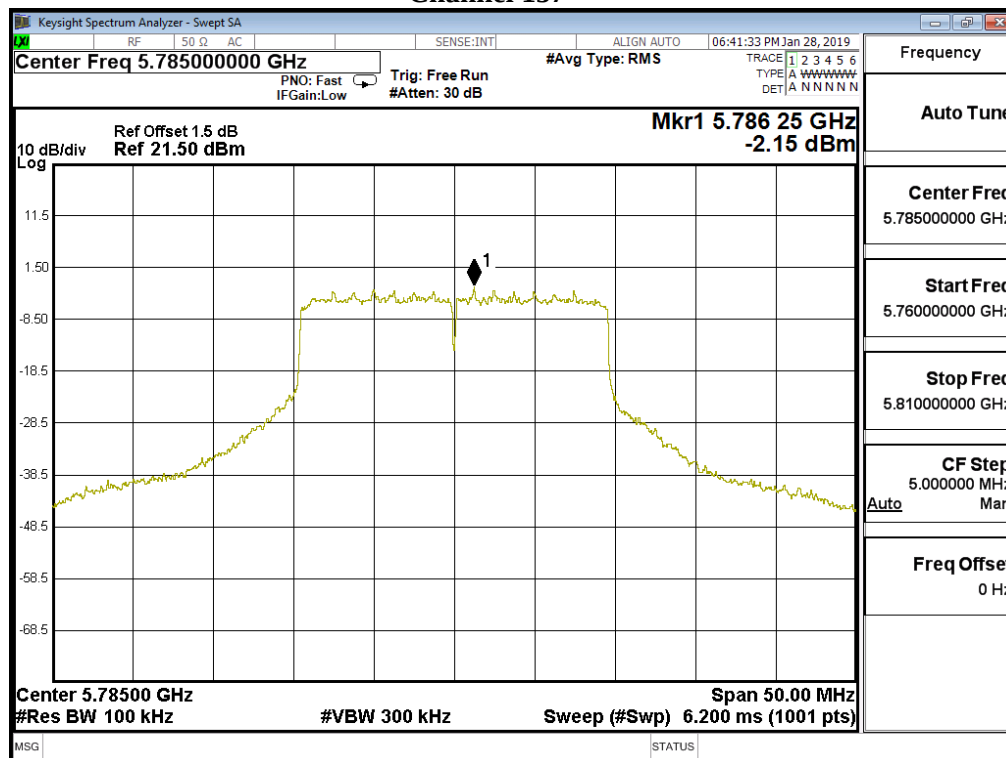
Channel 144 (U-NII-3)



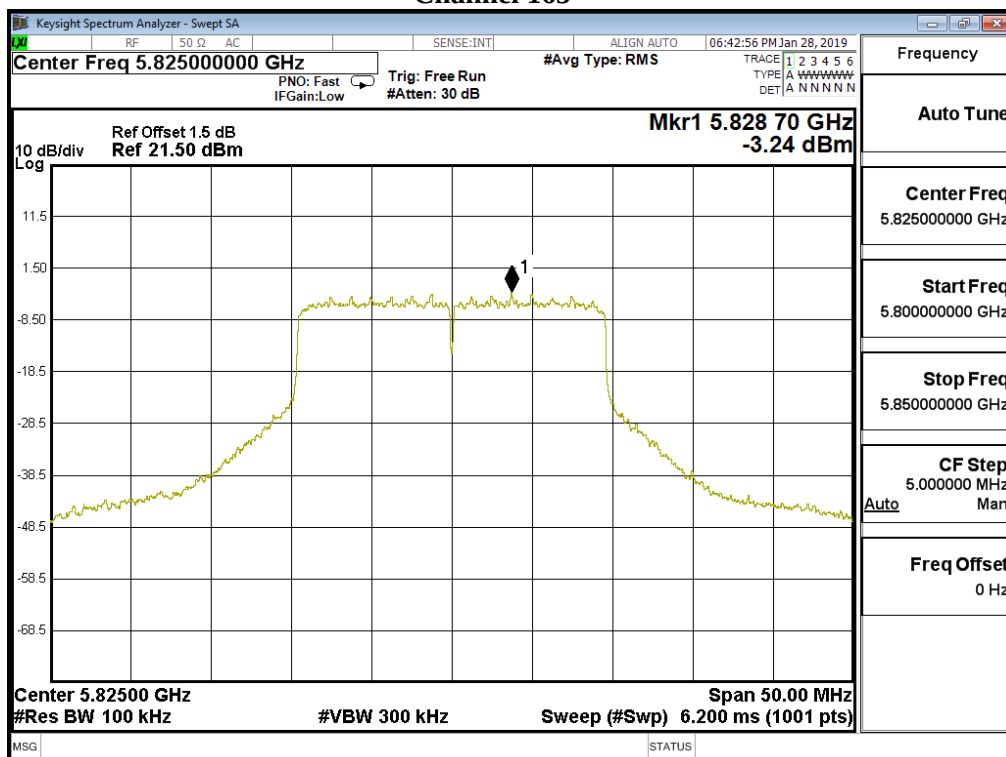
Channel 149



Channel 157



Channel 165



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

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

視頻頻寬：3MHz

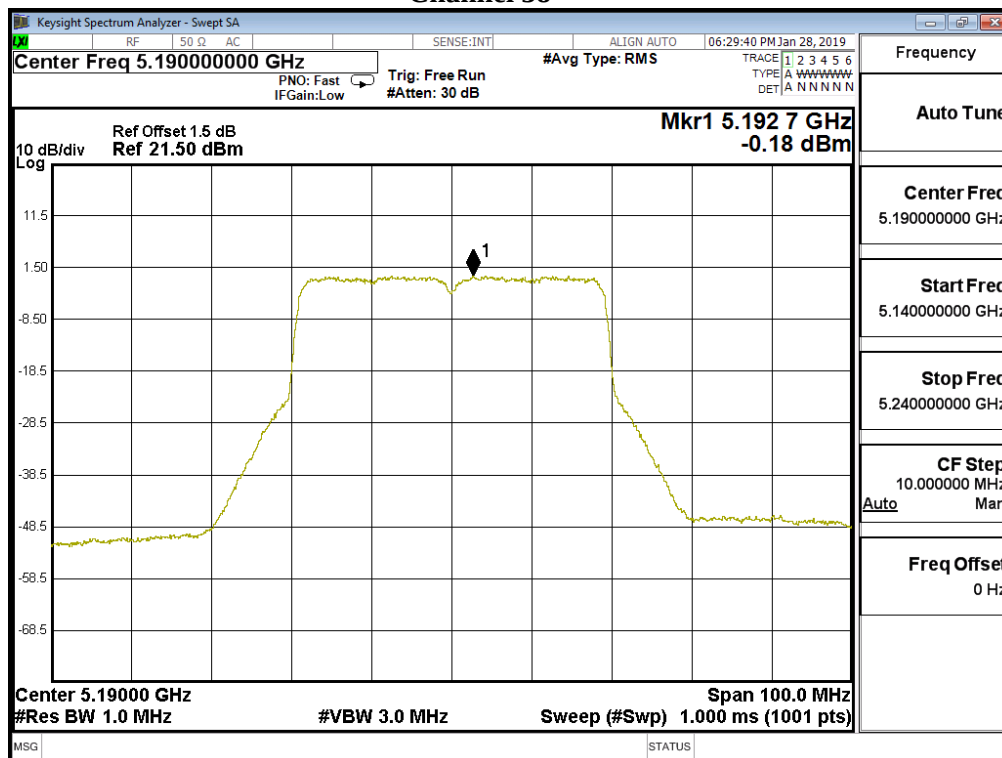
環境溫度：21 °C

環境濕度：53 %

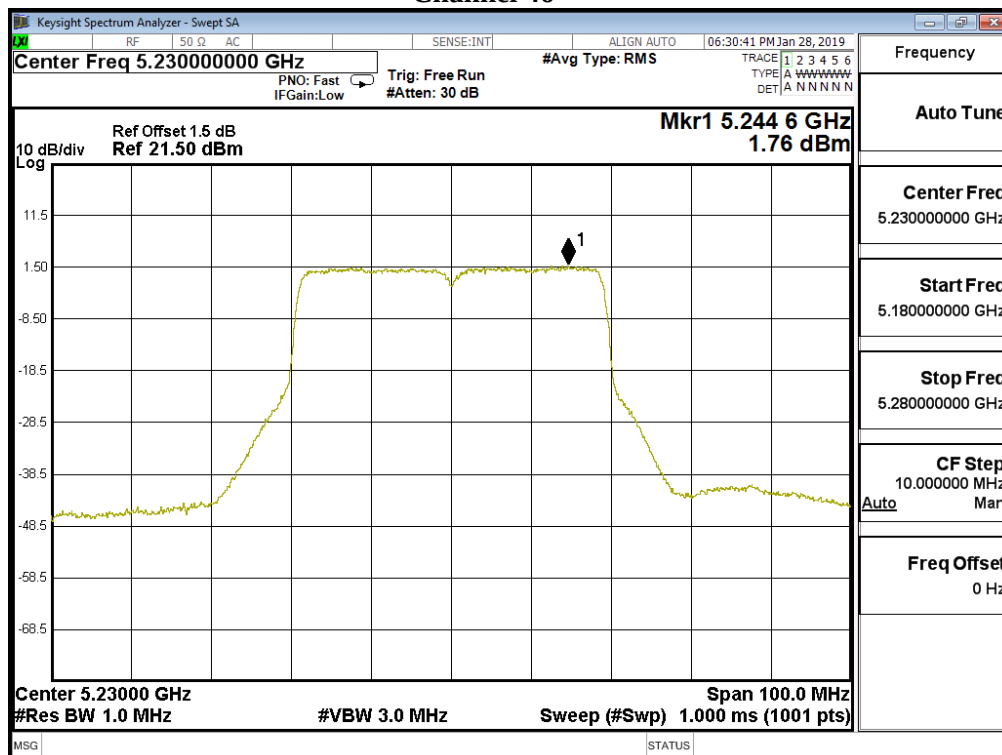
Channel Number	Frequency (MHz)	Total PPSD (dBm)	Required Limit (dBm)	Result
38	5190	-0.180	<11	Pass
46	5230	1.760	<11	Pass
54	5270	1.690	<11	Pass
62	5310	-1.900	<11	Pass
102	5510	0.510	<11	Pass
110	5550	2.200	<11	Pass
134	5670	1.920	<11	Pass

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
142(U-NII-2C)	5710	3.290	--	3.290	<11	Pass
142(U-NII-3)	5710	-5.800	6.980	1.180	<30	Pass
151	5755	-5.340	6.980	1.640	<30	Pass
159	5795	-5.690	6.980	1.290	<30	Pass

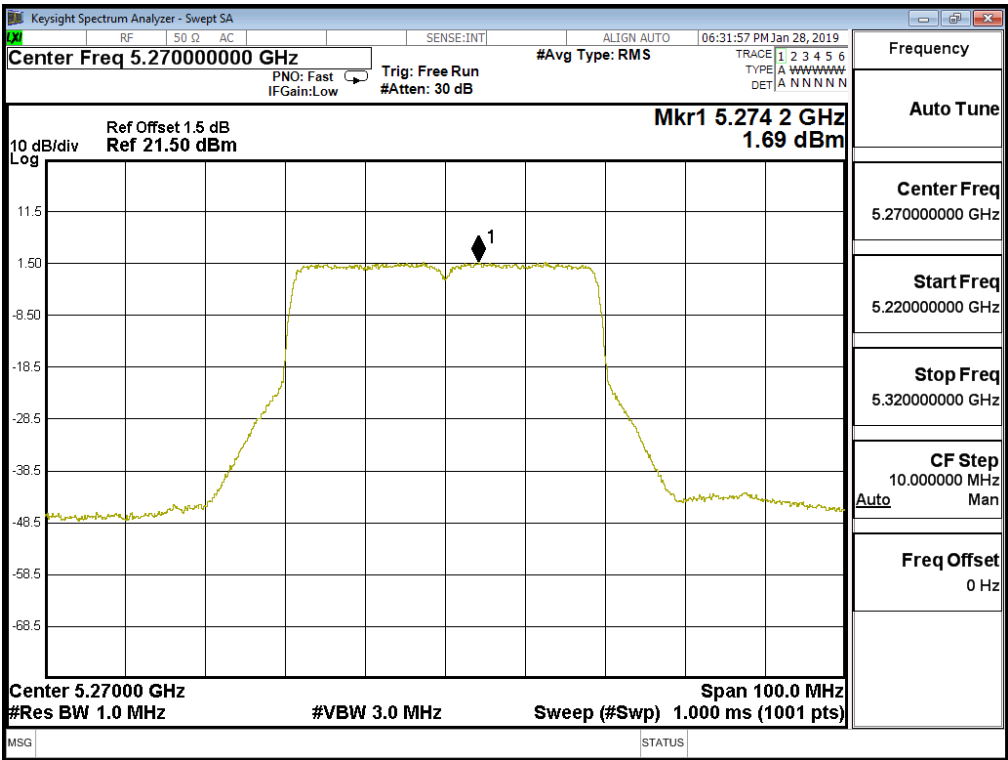
Channel 38



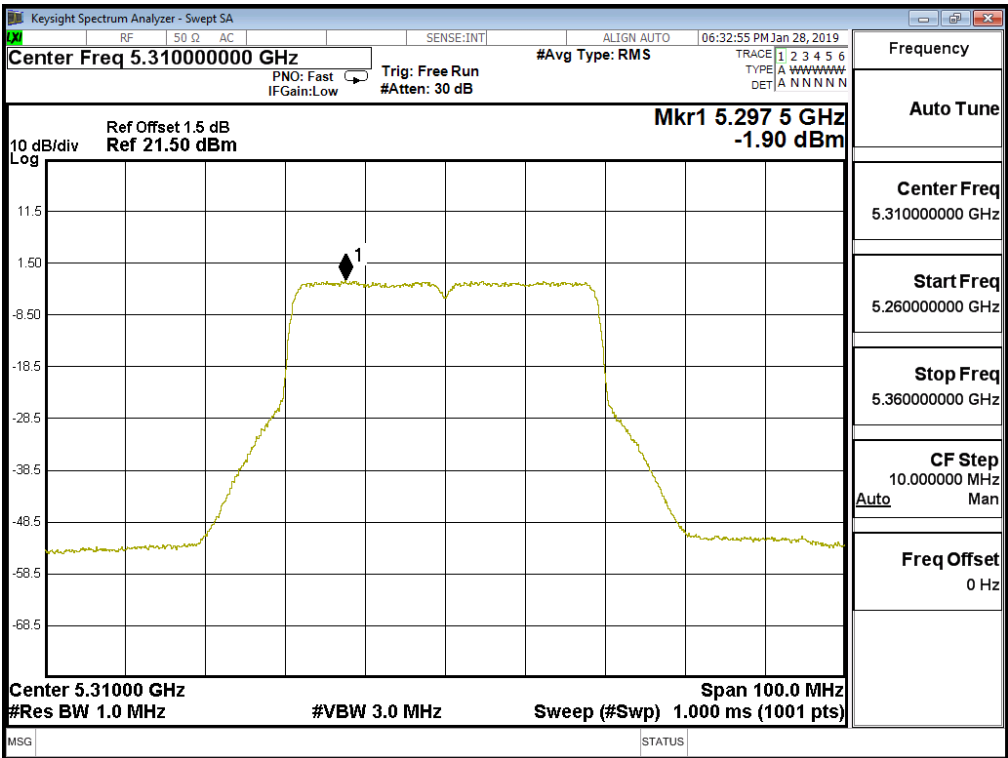
Channel 46



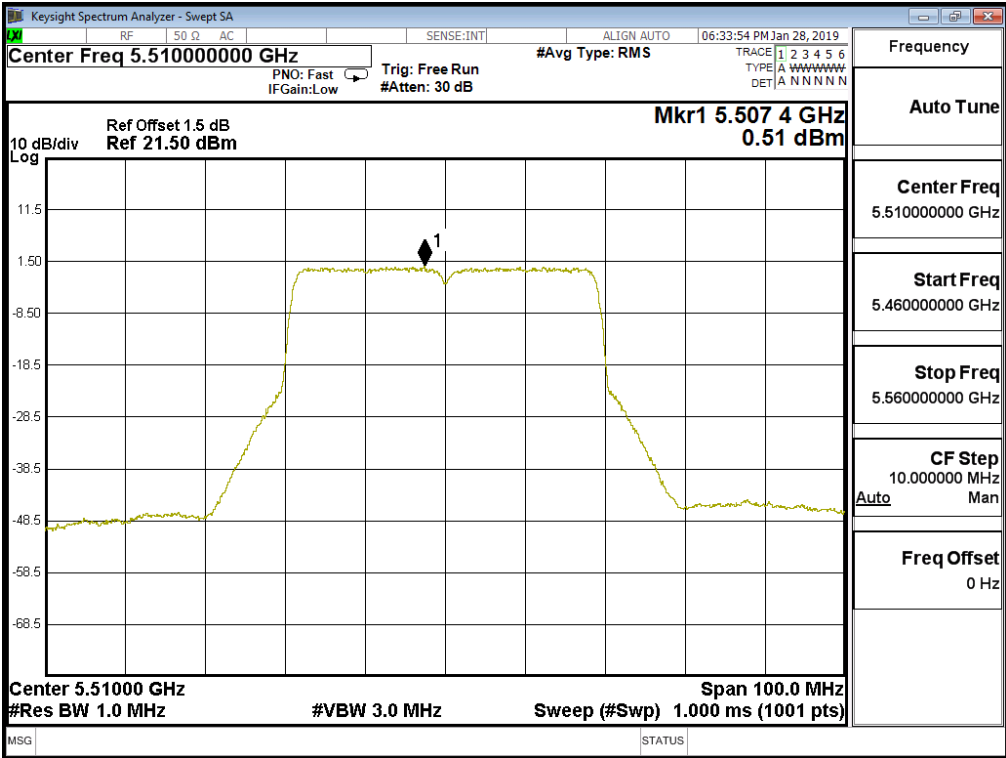
Channel 54



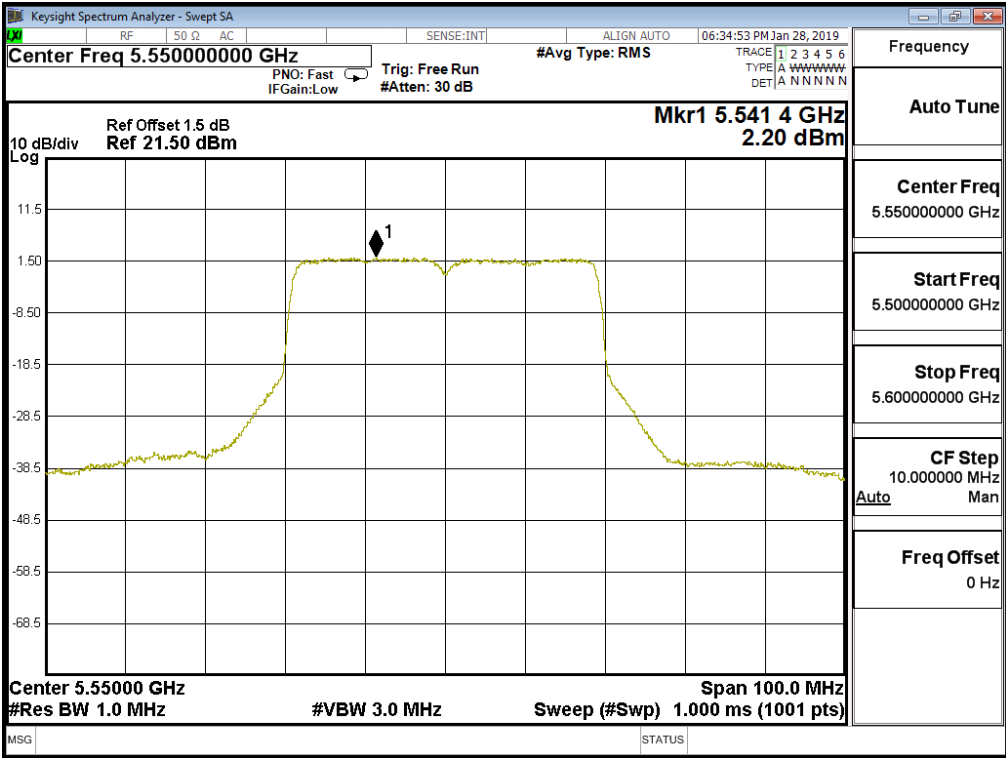
Channel 62



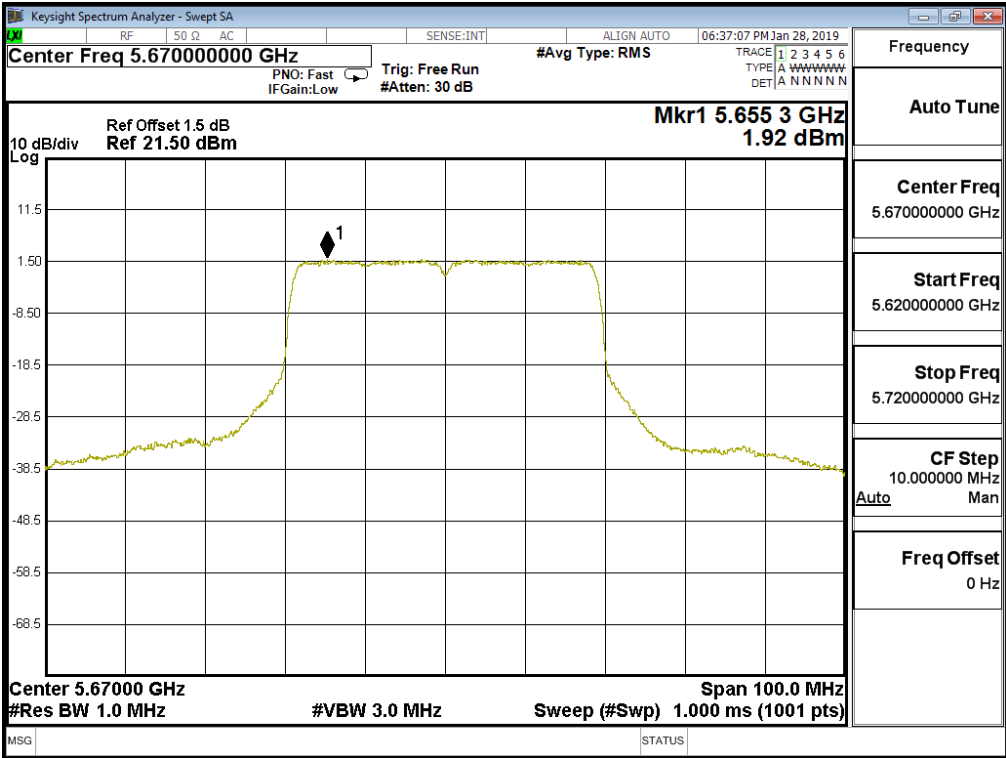
Channel 102



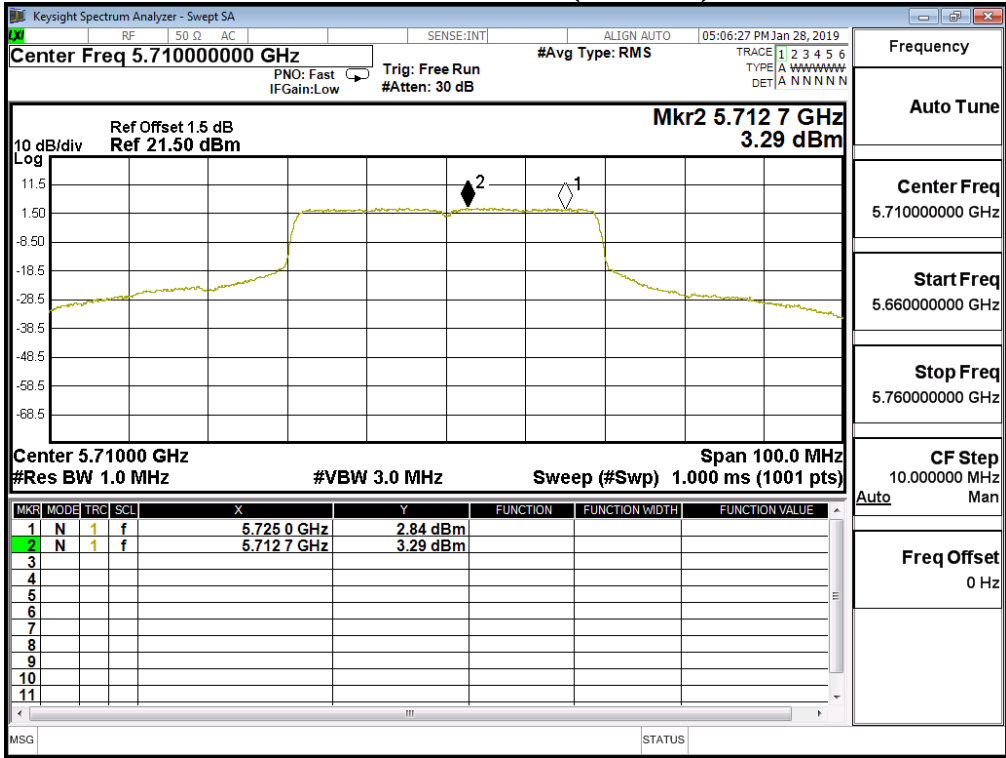
Channel 110



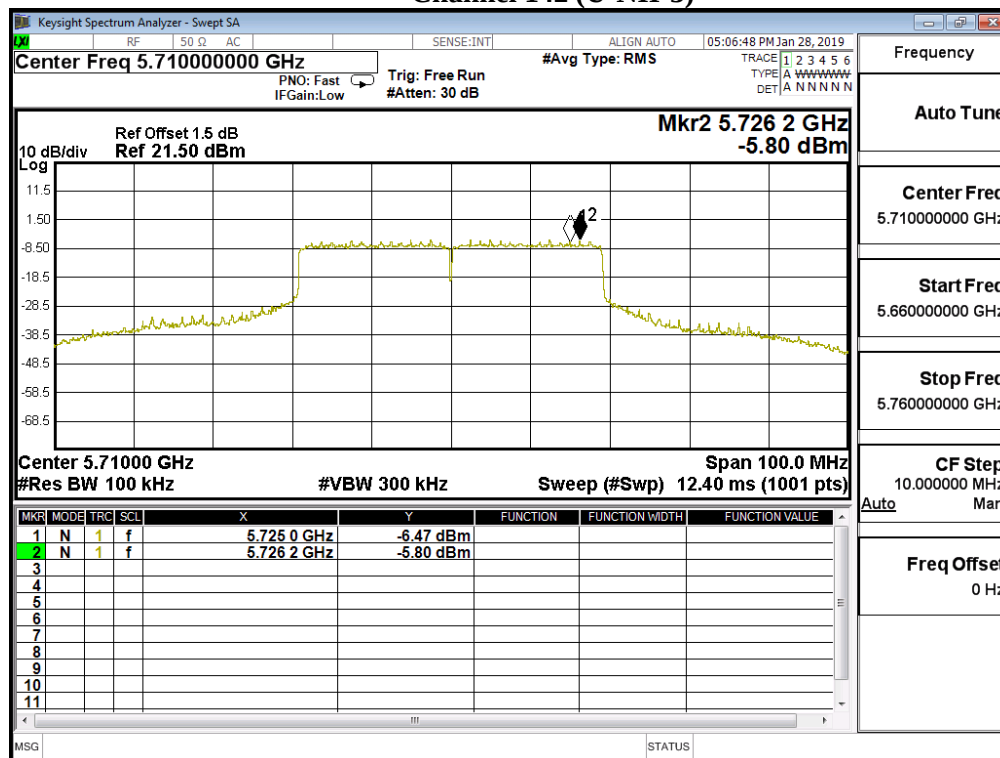
Channel 134



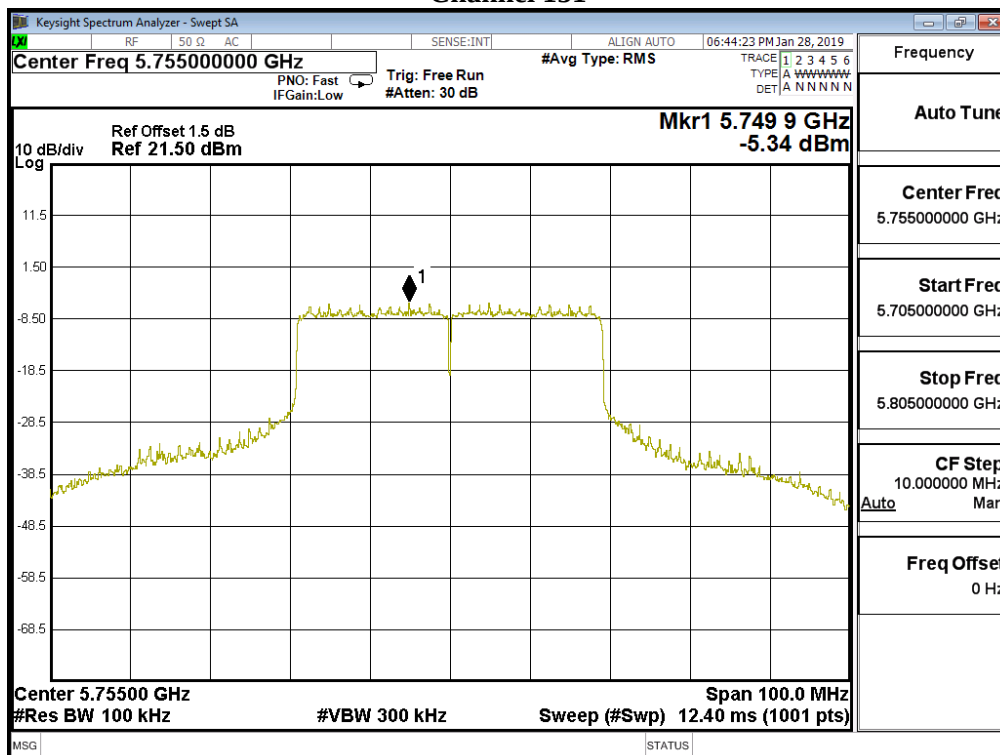
Channel 142 (U-NII-2C)



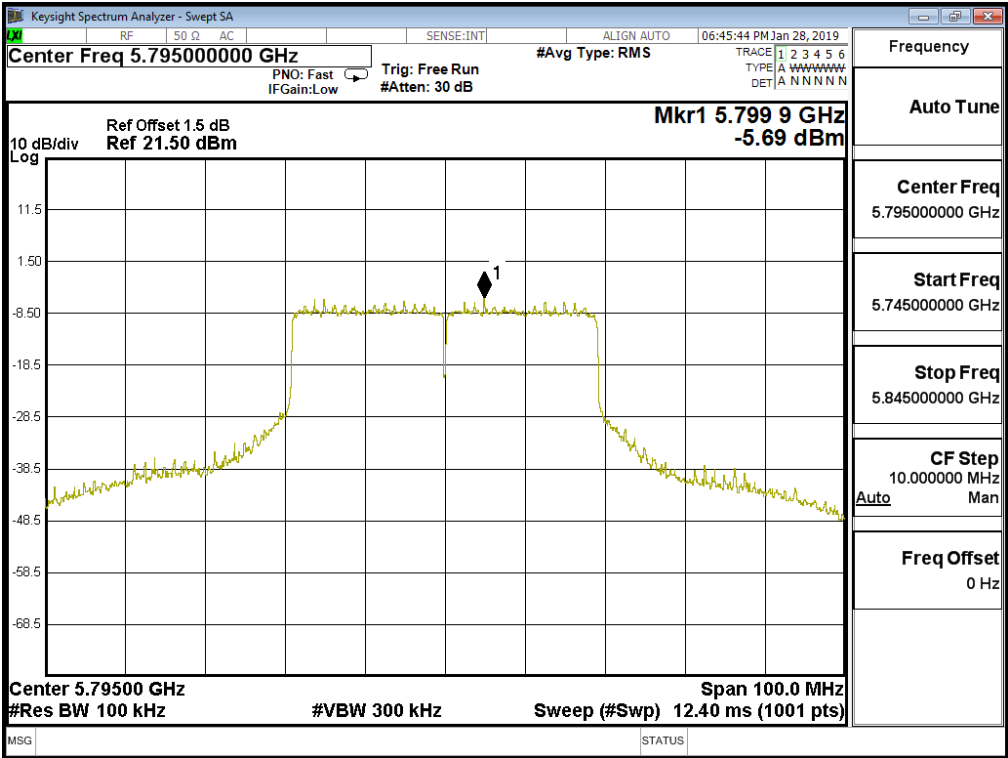
Channel 142 (U-NII-3)



Channel 151



Channel 159



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108年01月19日

測試項目：峰值功率頻譜密度

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

視頻頻寬：3MHz

環境溫度：21 °C

環境濕度：53 %

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
42	5210	-2.060	--	-2.060	<11	Pass
58	5290	-2.680	--	-2.680	<11	Pass
106	5530	-1.830	--	-1.830	<11	Pass
122	5610	-0.660	--	-0.660	<11	Pass
138(U-NII-2C)	5690	0.640	--	0.640	<11	Pass
138(U-NII-3)	5690	-12.030	6.98	-5.050	<30	Pass
155	5775	-9.110	6.98	-2.130	<30	Pass