

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：107 年 10 月 03 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

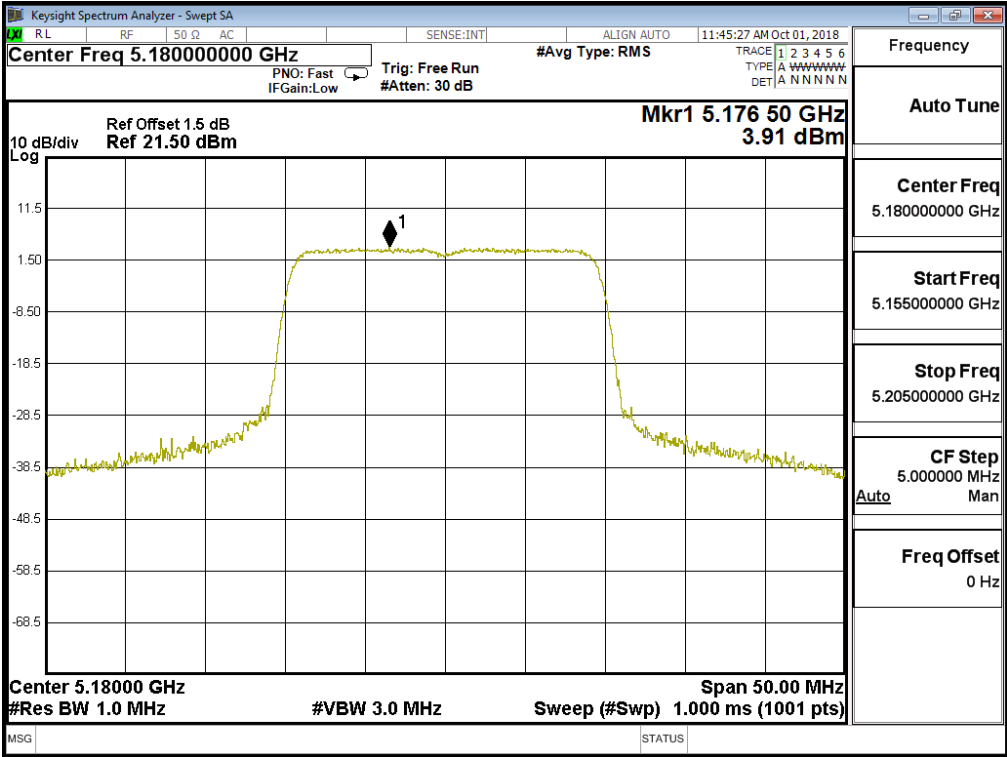
環境溫度：21 °C

環境濕度：53 %

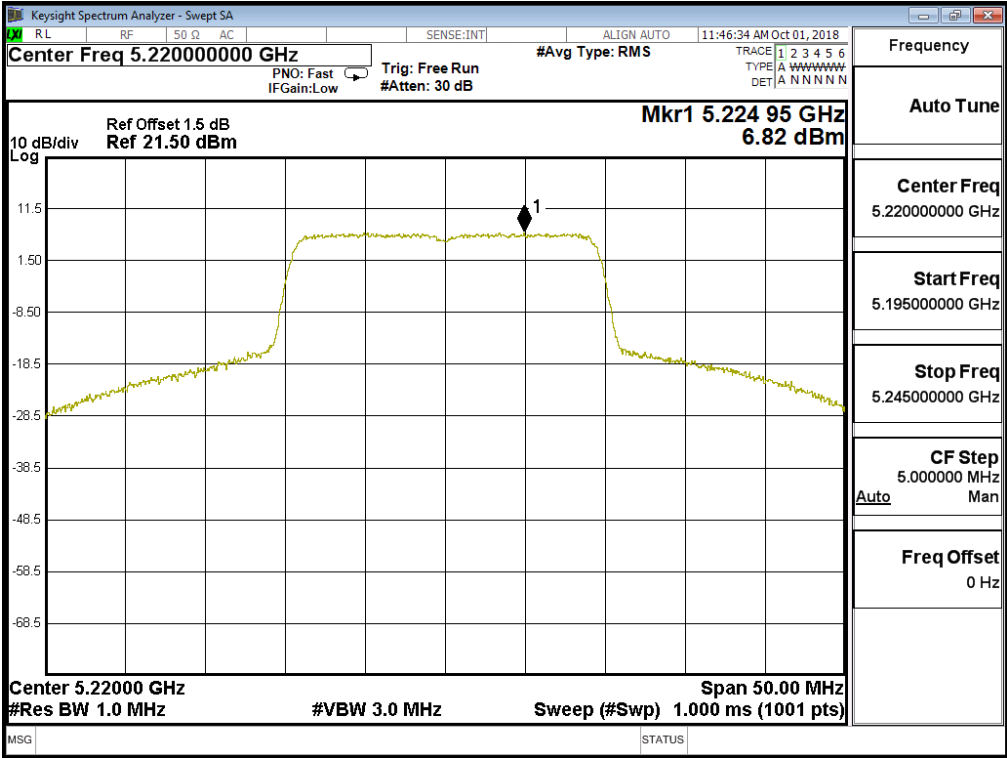
Channel Number	Frequency (MHz)	Total PPSD (dBm)	Required Limit (dBm)	Result
36	5180	3.910	<11	Pass
44	5220	6.820	<11	Pass
48	5240	5.930	<11	Pass
52	5260	6.290	<11	Pass
60	5300	5.780	<11	Pass
64	5320	2.130	<11	Pass
100	5500	3.080	<11	Pass
116	5580	6.790	<11	Pass
140	5700	2.640	<11	Pass

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Total PPSD (dBm)	Required Limit (dBm)	Result
144(U-NII-2C)	5720	6.230	--	6.230	<11	Pass
144(U-NII-3)	5720	-3.830	6.98	3.150	<30	Pass
149	5745	-3.330	6.980	3.650	<30	Pass
157	5785	-3.380	6.980	3.600	<30	Pass
165	5825	-3.060	6.980	3.920	<30	Pass

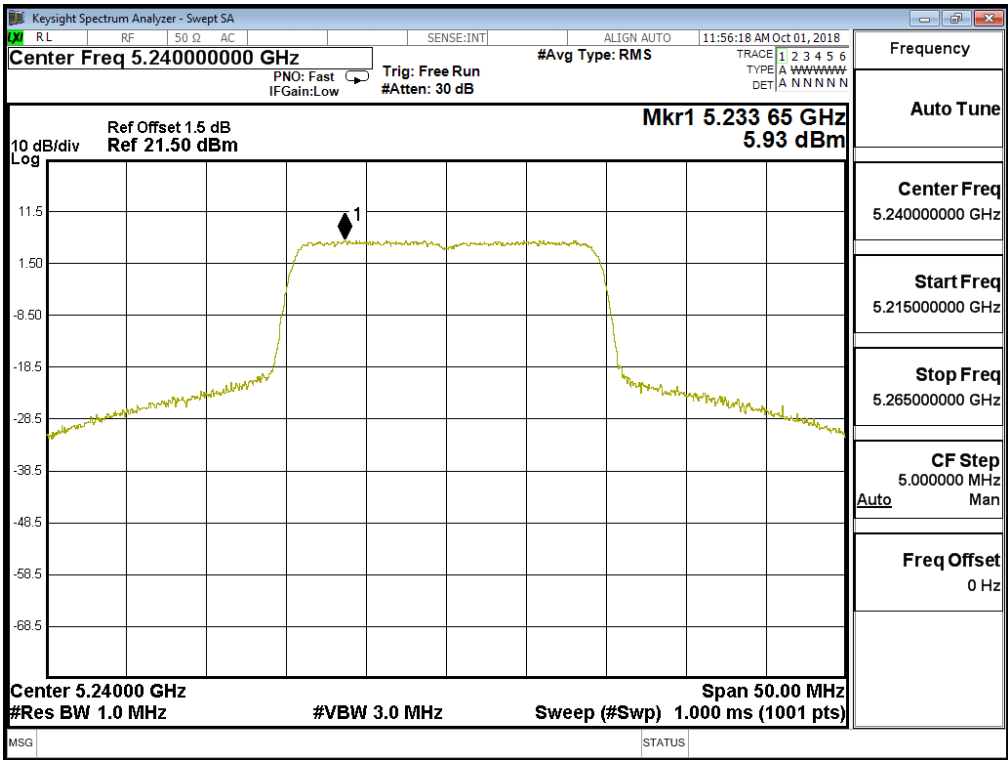
Channel 36



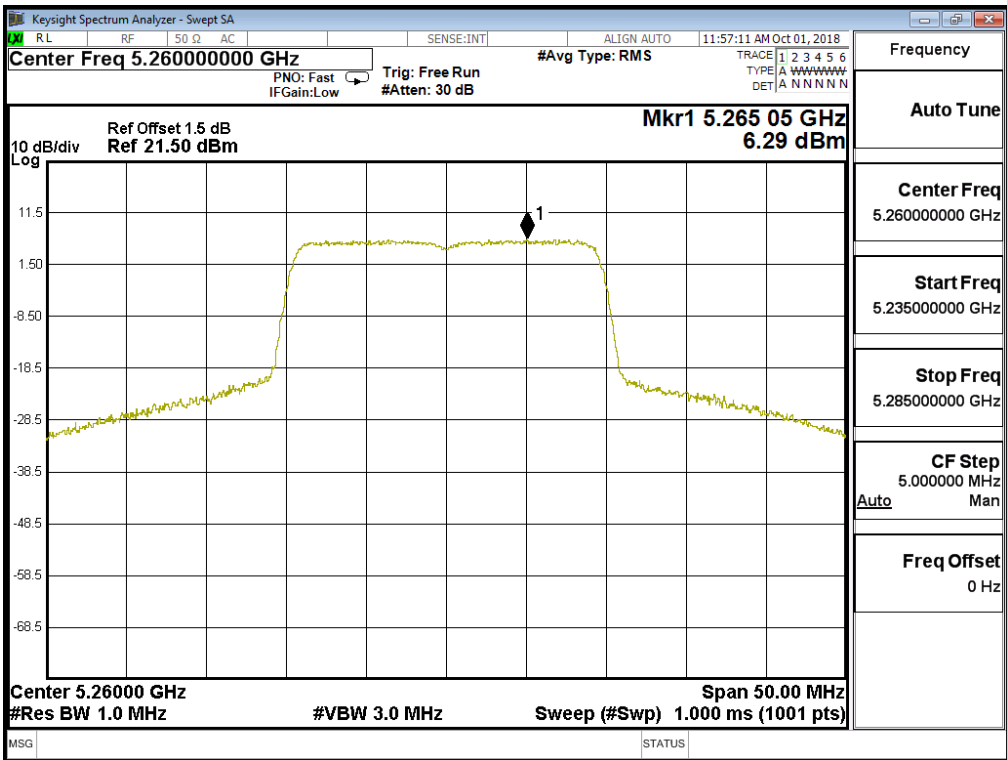
Channel 44



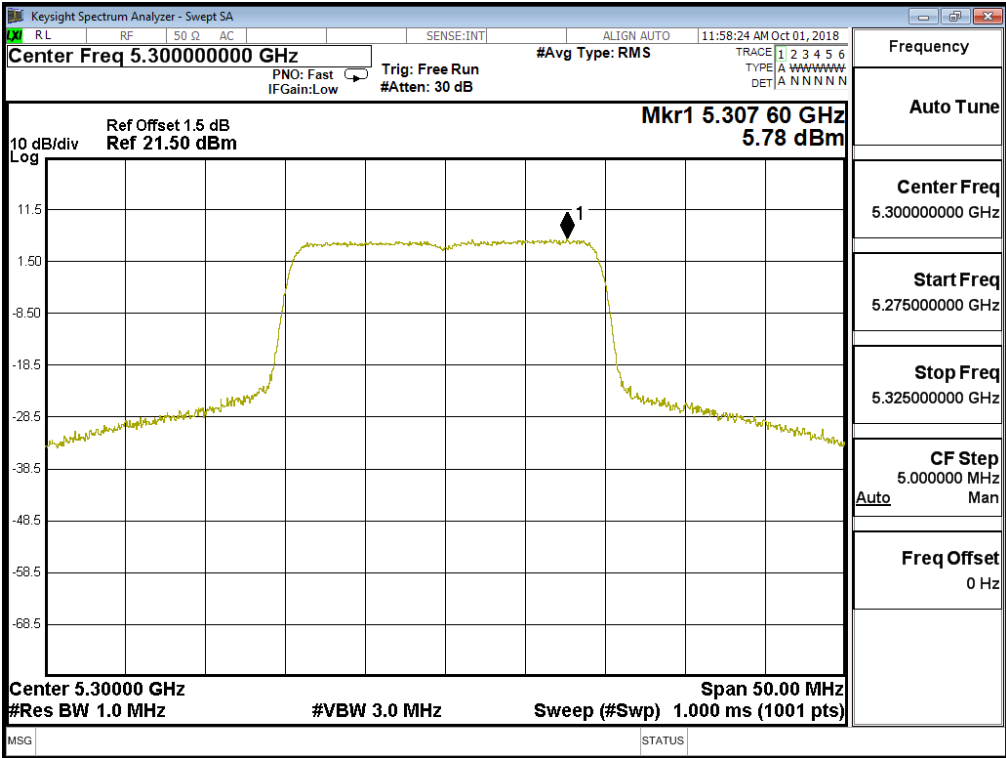
Channel 48



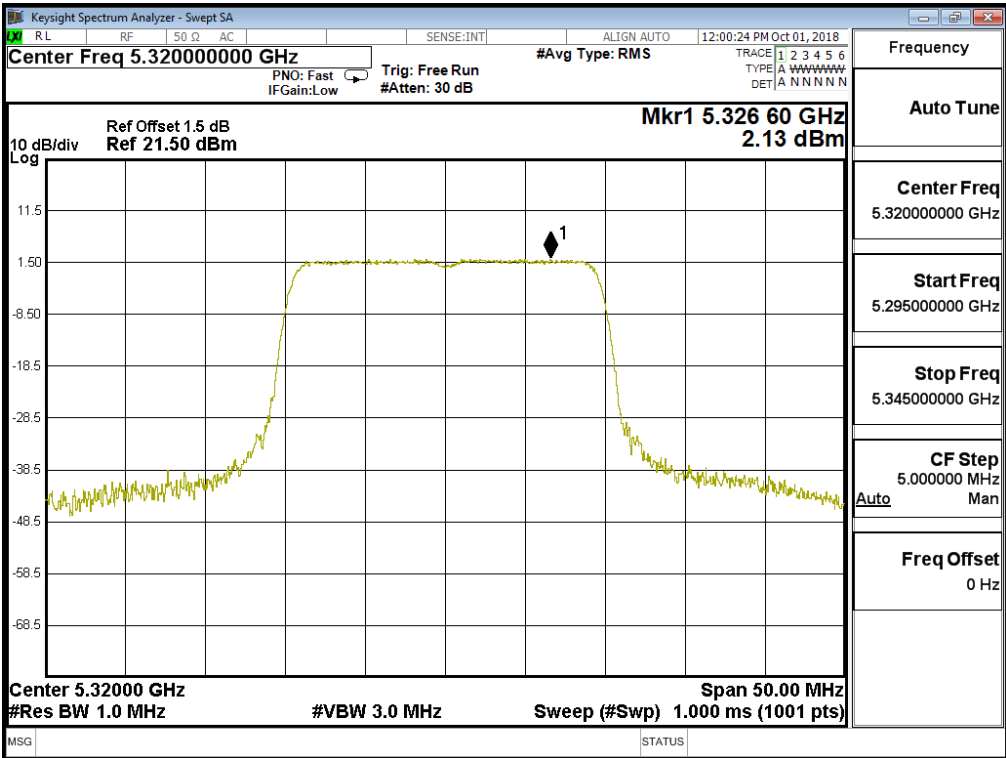
Channel 52



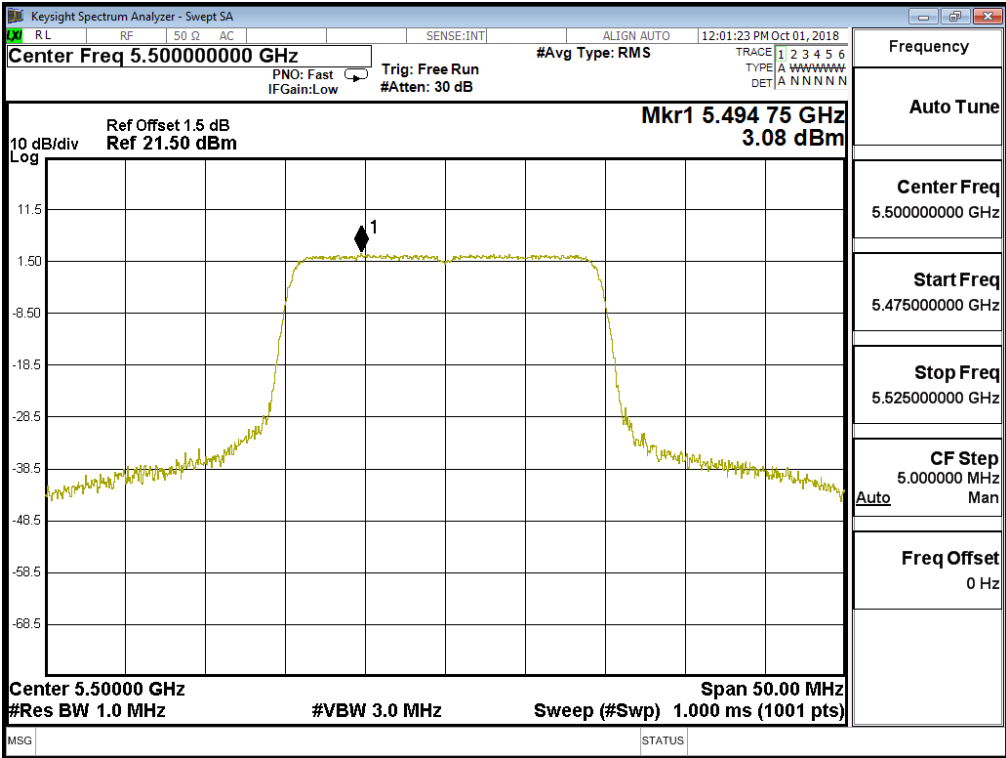
Channel 60



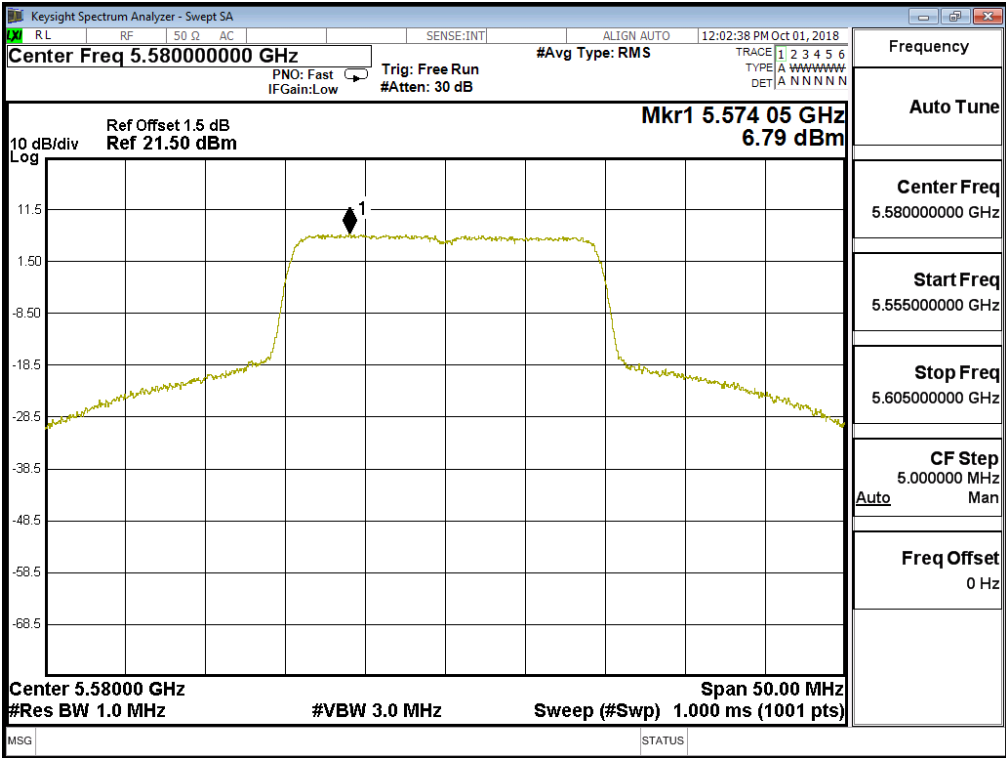
Channel 64



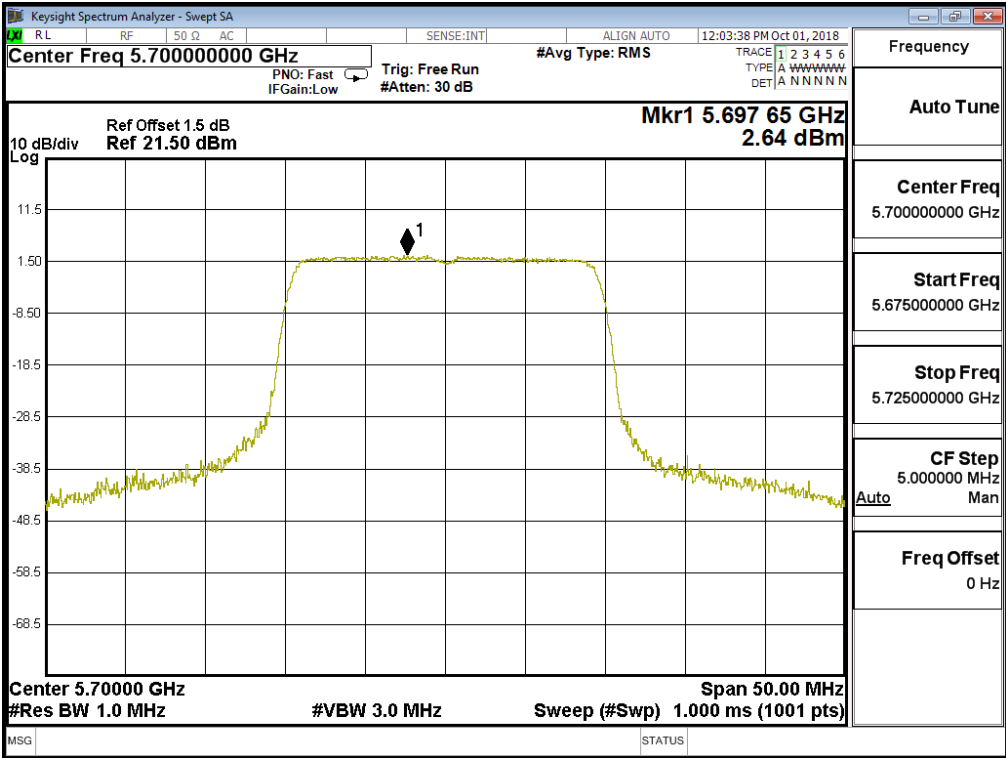
Channel 100



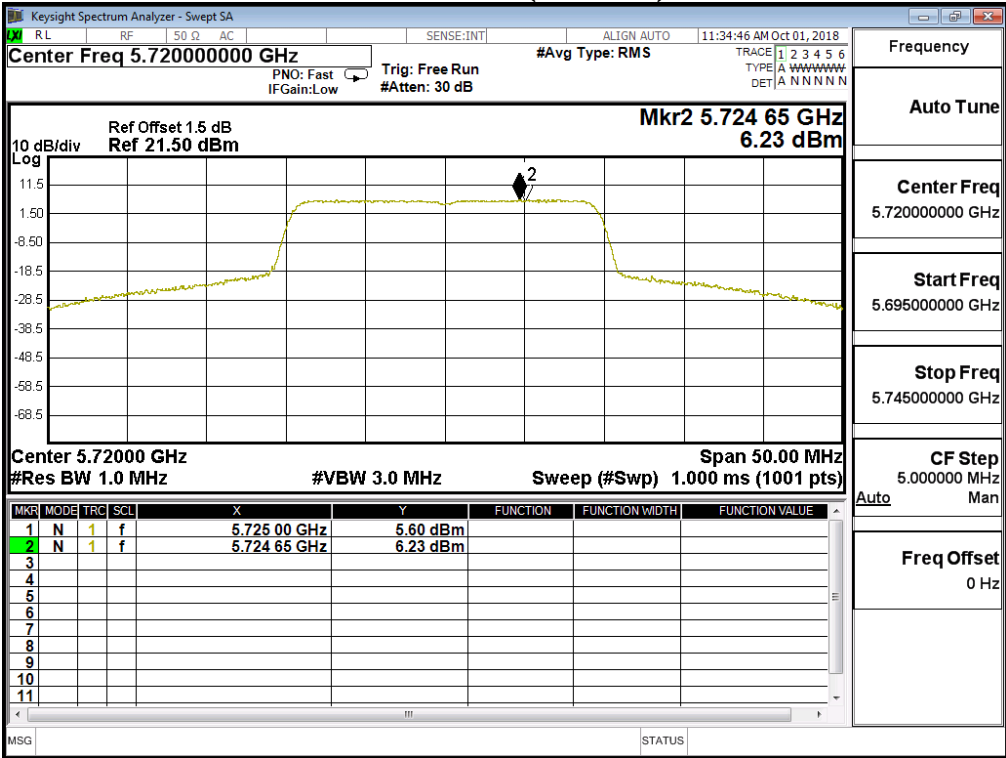
Channel 116



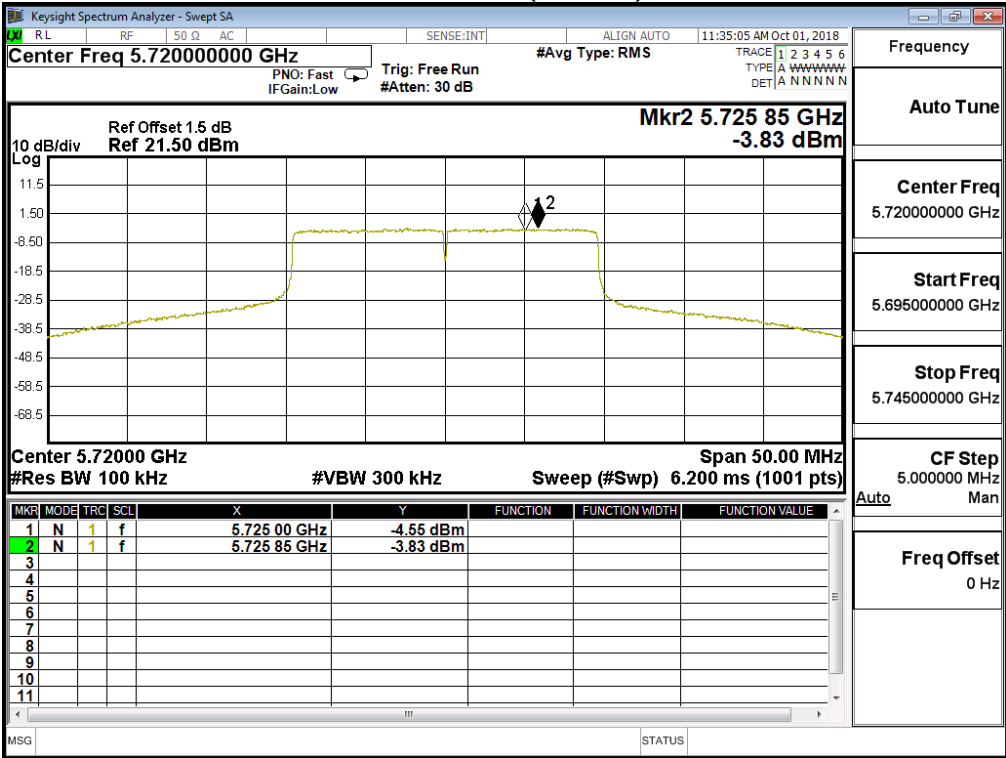
Channel 140



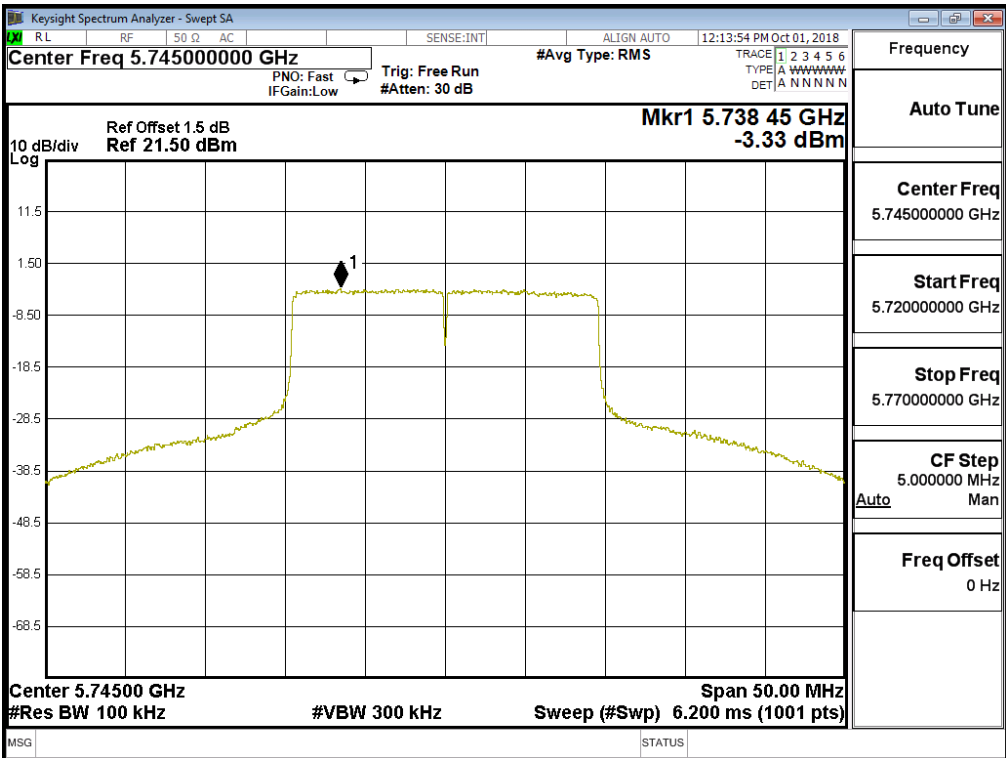
Channel 144 (U-NII-2C)



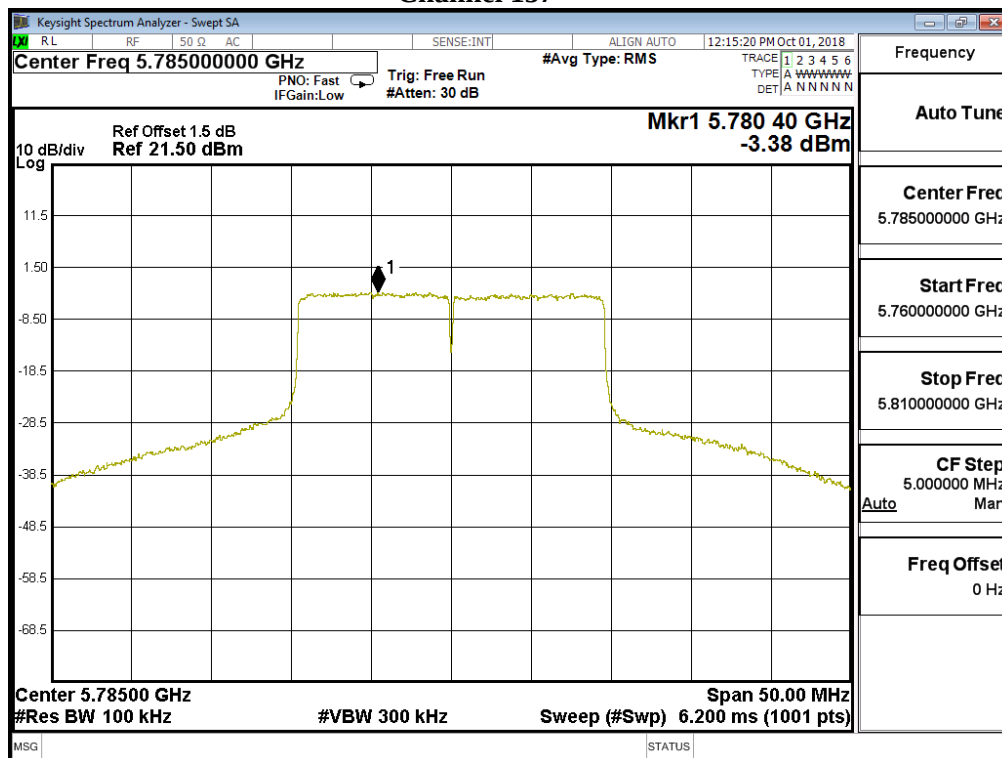
Channel 144 (U-NII-3)



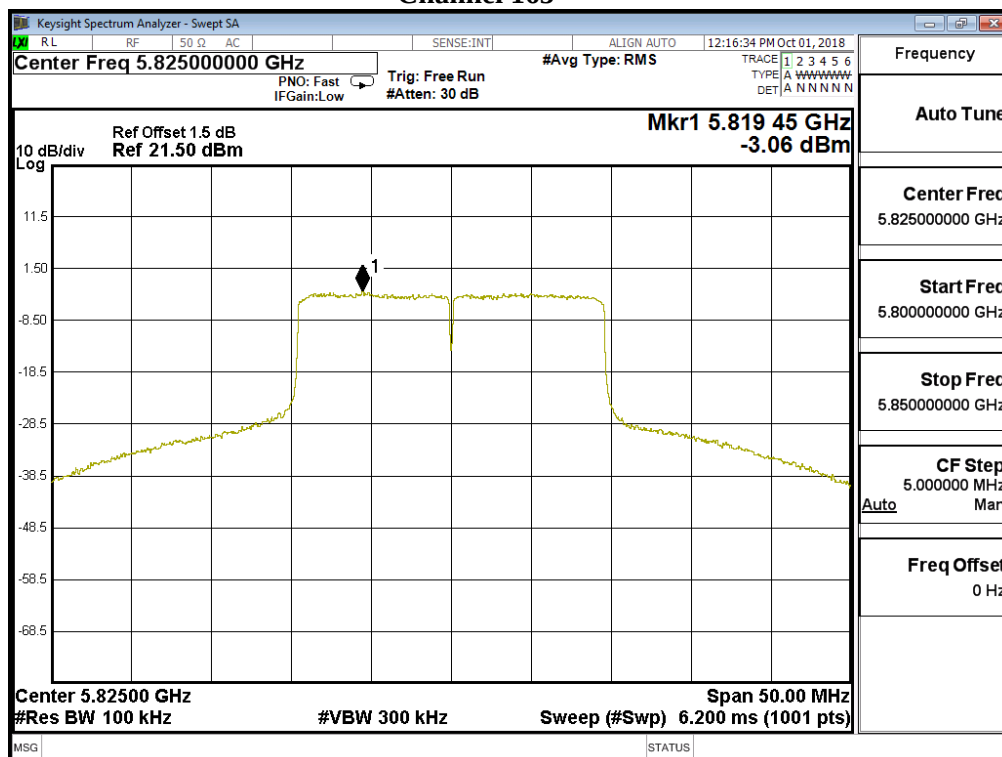
Channel 149



Channel 157



Channel 165



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：107 年 10 月 03 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

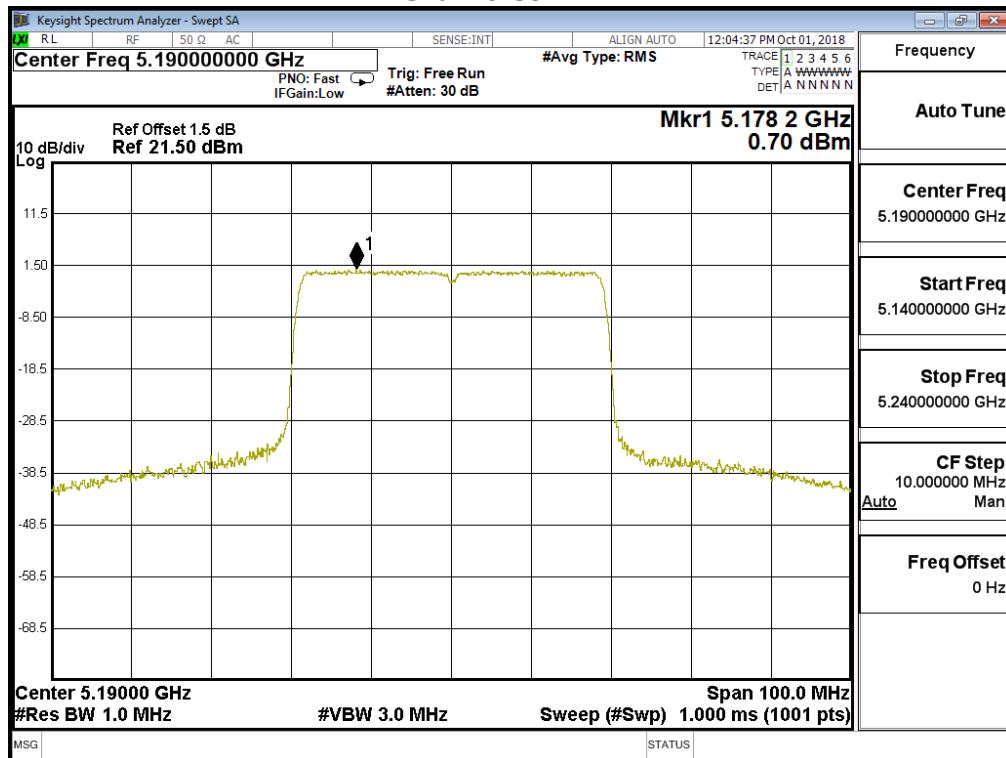
環境溫度：21 °C

環境濕度：53 %

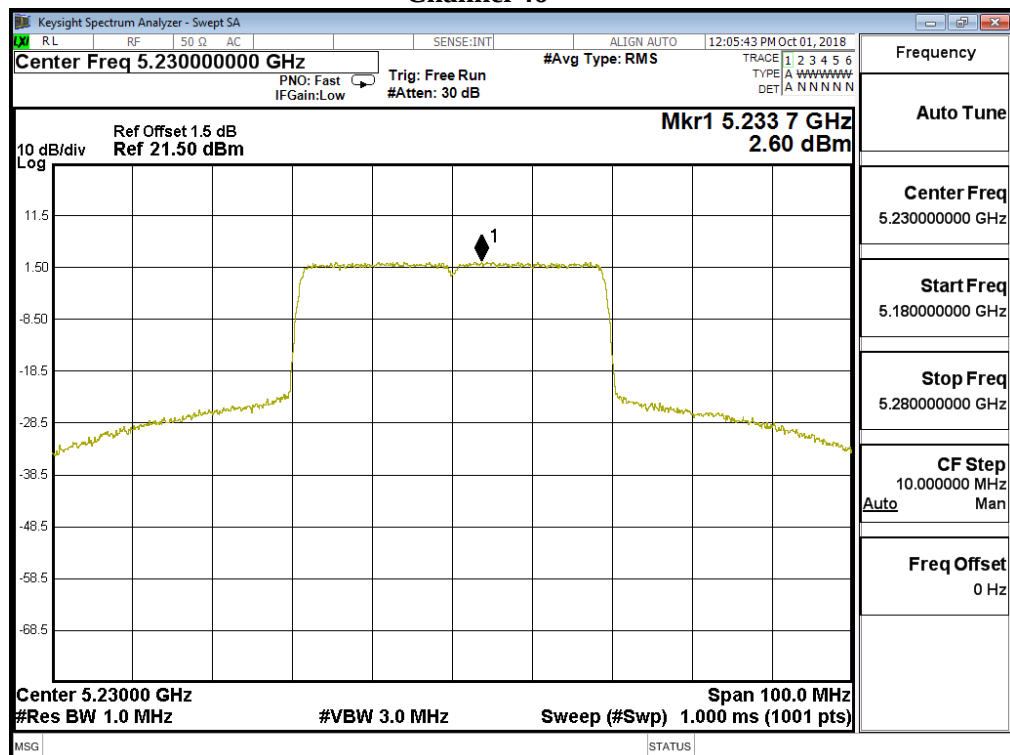
Channel Number	Frequency (MHz)	Total PPSP (dBm)	Required Limit (dBm)	Result
38	5190	0.700	<11	Pass
46	5230	2.600	<11	Pass
54	5270	2.420	<11	Pass
62	5310	-1.040	<11	Pass
102	5510	-0.590	<11	Pass
110	5550	2.910	<11	Pass
134	5670	1.770	<11	Pass

Channel Number	Frequency (MHz)	PPSP (dBm)	BWCF (dB)	Total PPSP (dBm)	Required Limit (dBm)	Result
142(U-NII-2C)	5710	2.860	--	2.860	<11	Pass
142(U-NII-3)	5710	-7.390	6.98	-0.410	<30	Pass
151	5755	-6.040	6.980	0.940	<30	Pass
159	5795	-6.370	6.980	0.610	<30	Pass

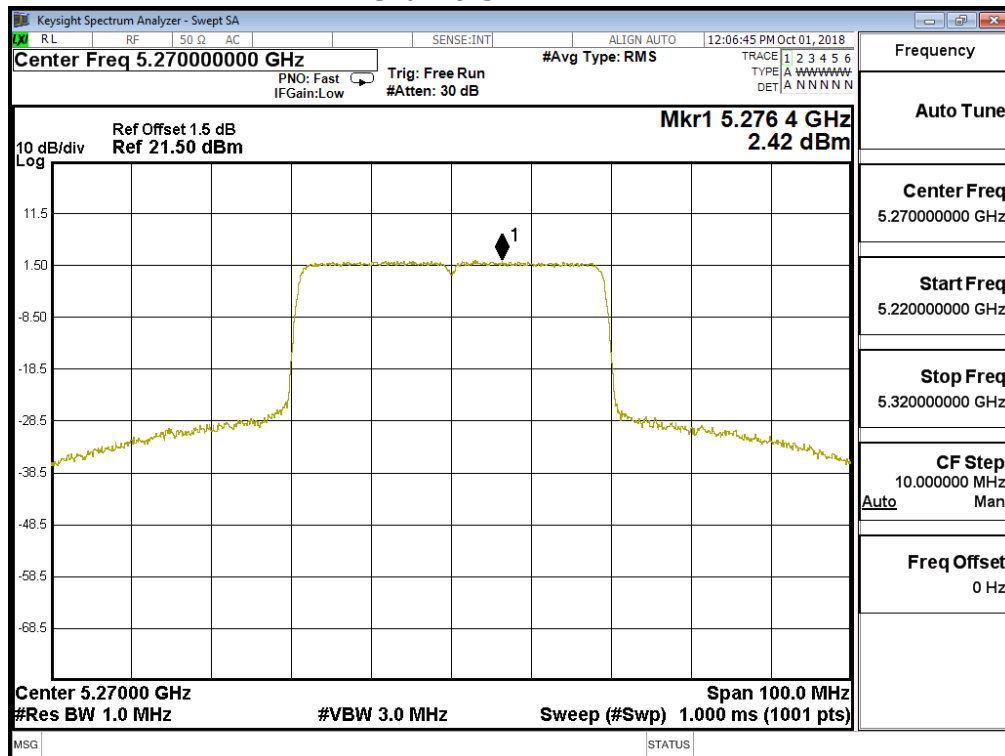
Channel 38



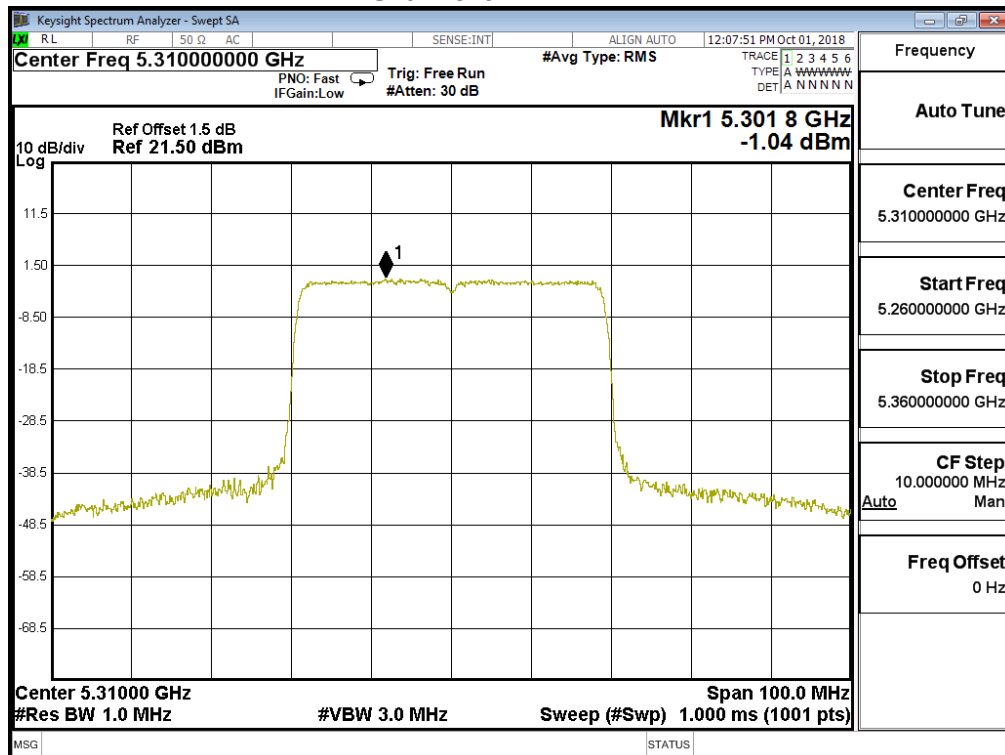
Channel 46



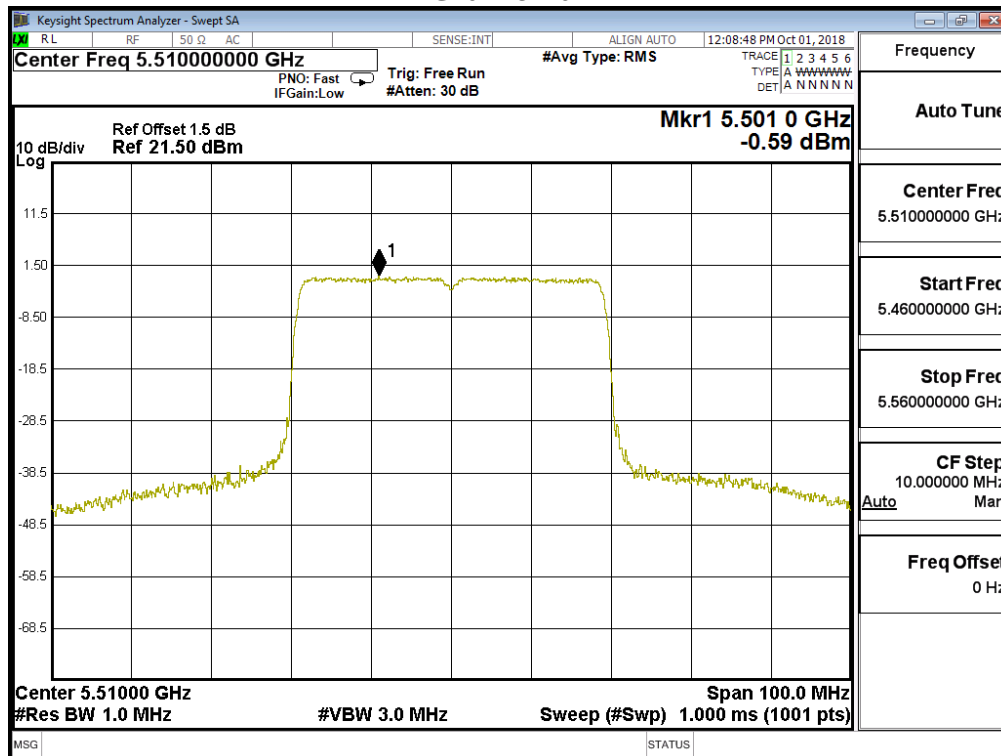
Channel 54



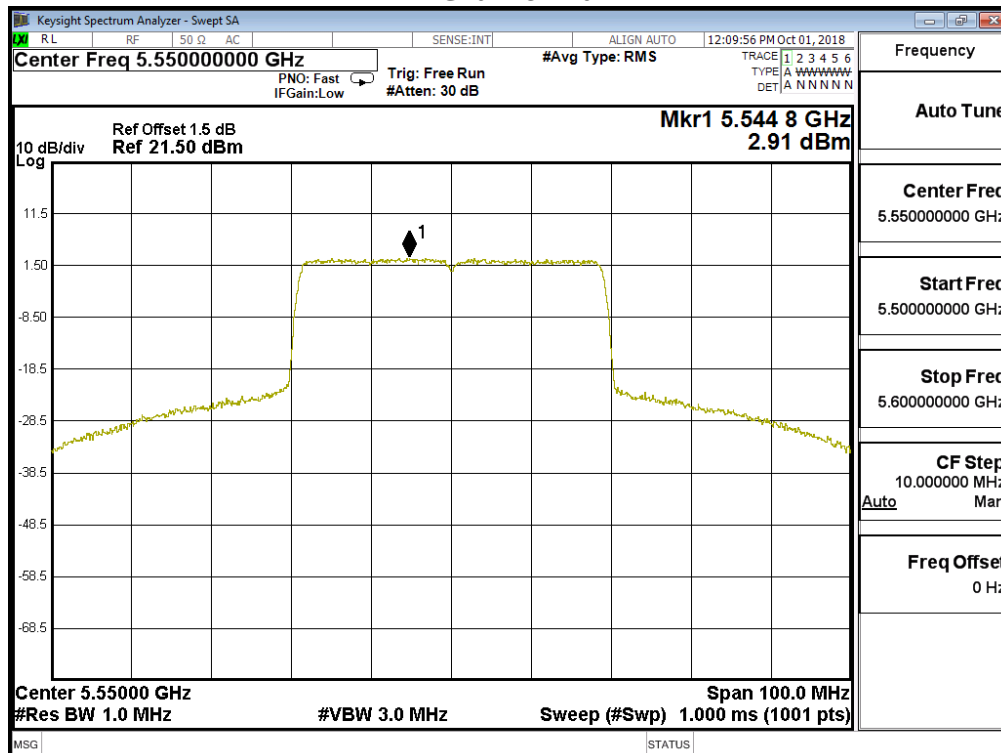
Channel 62



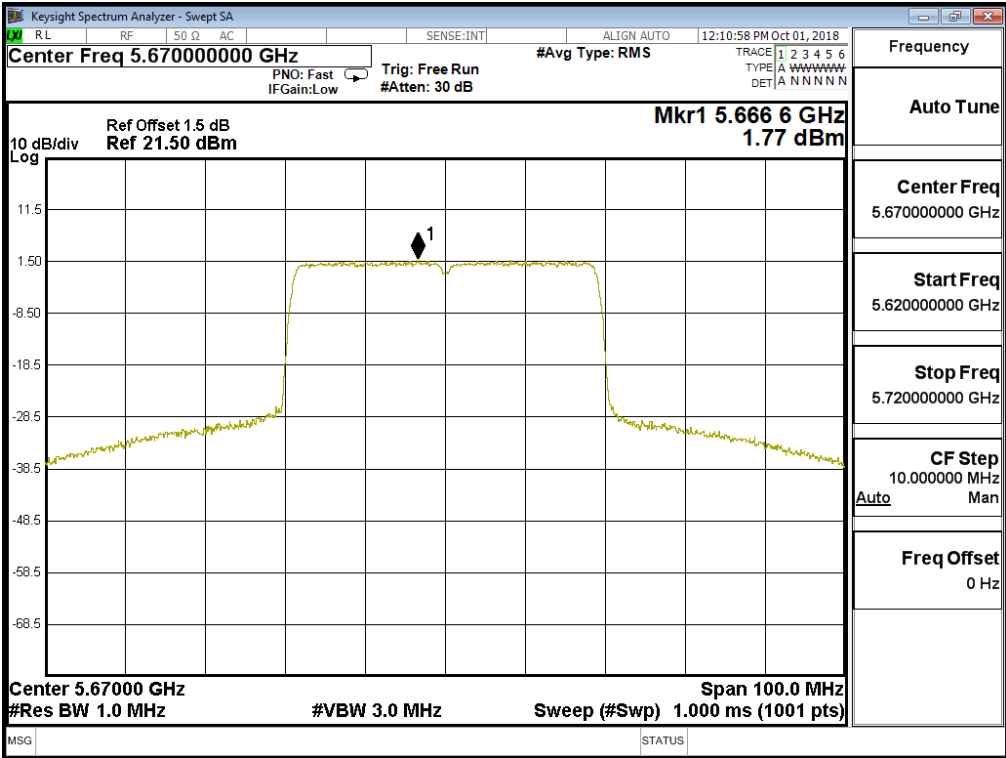
Channel 102



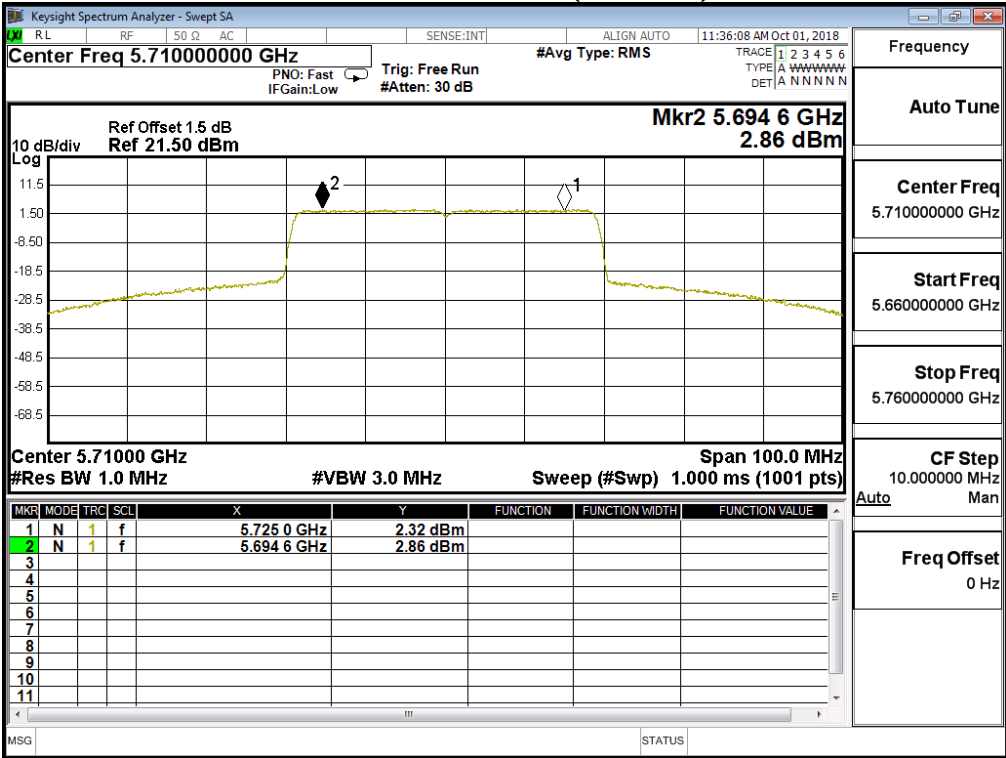
Channel 110



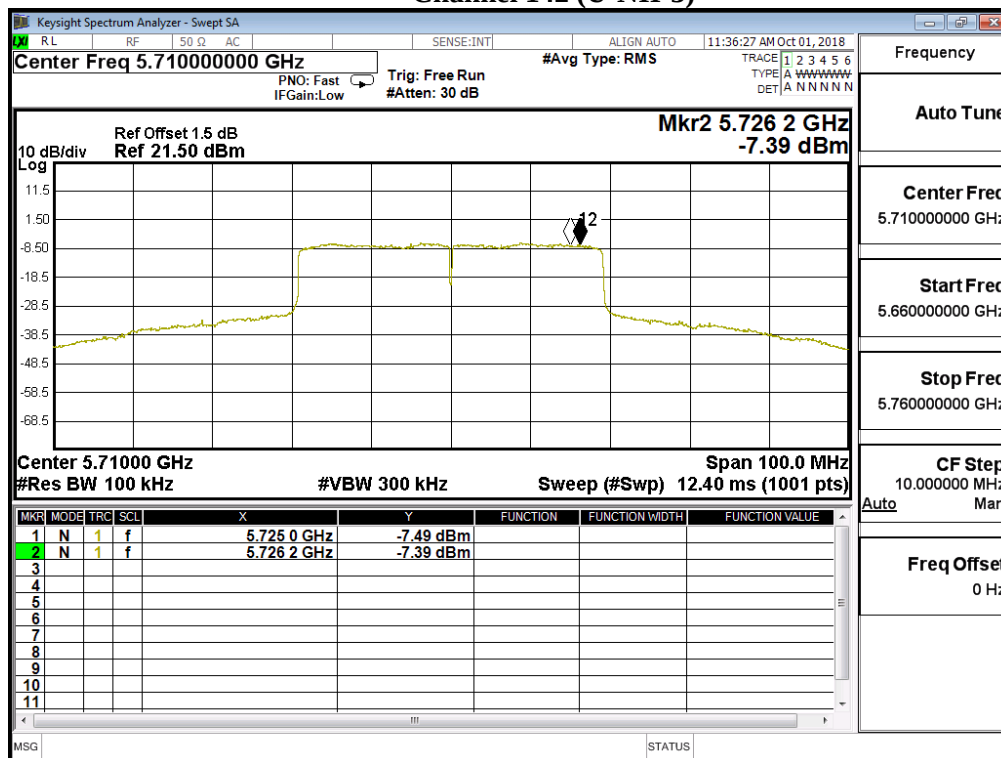
Channel 134



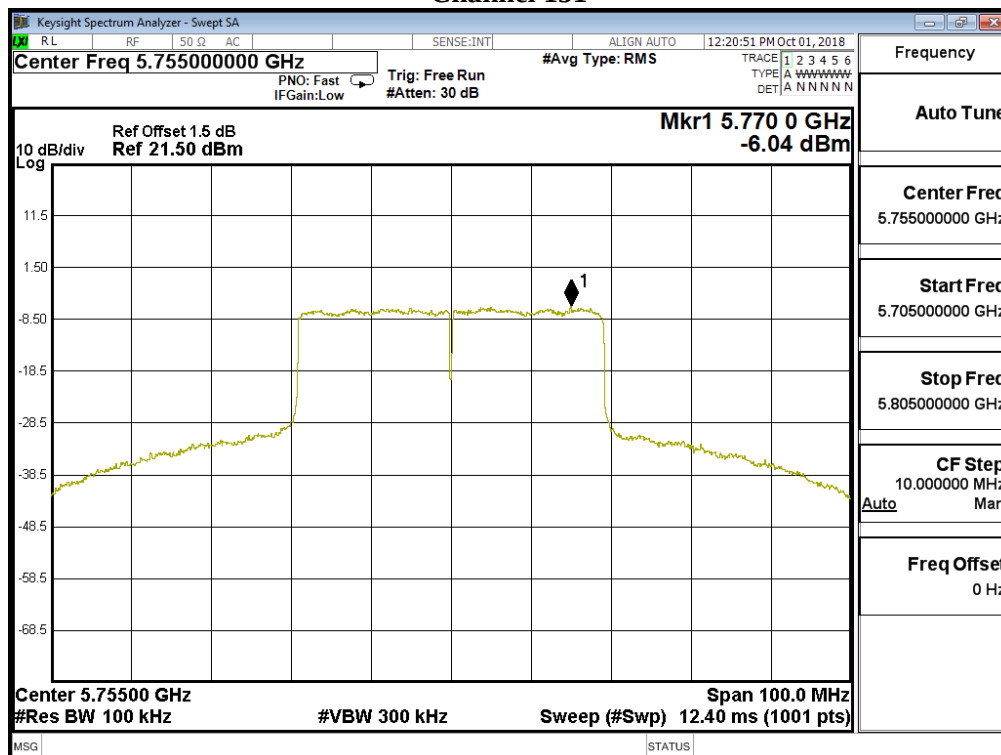
Channel 142 (U-NII-2C)



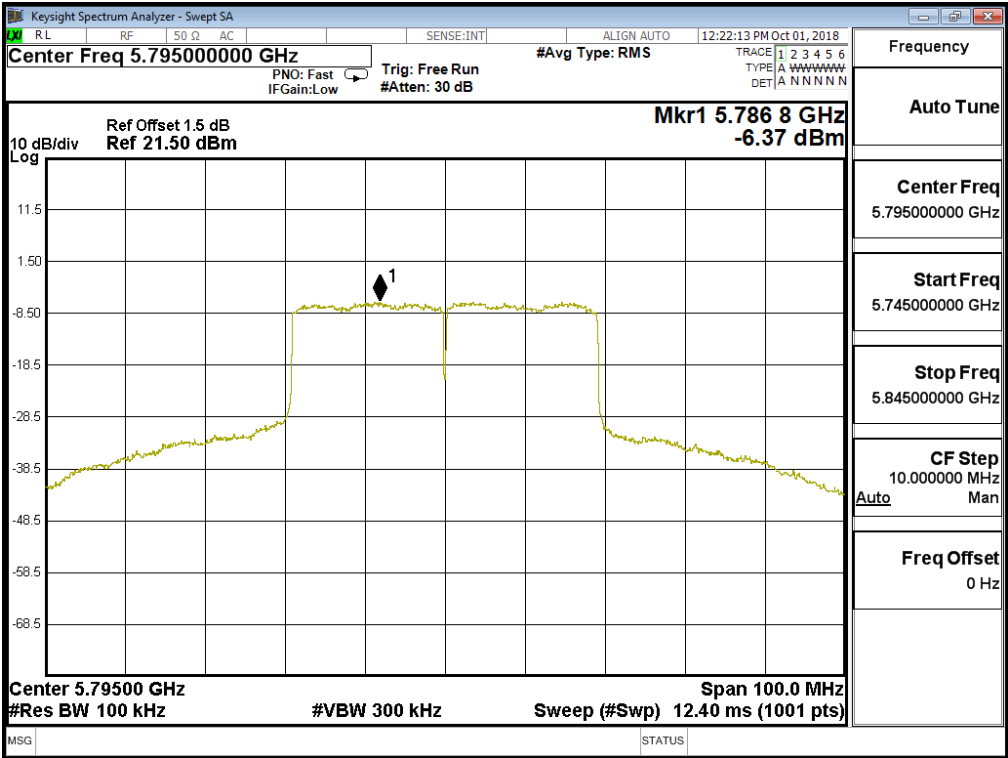
Channel 142 (U-NII-3)



Channel 151



Channel 159



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：107 年 10 月 03 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

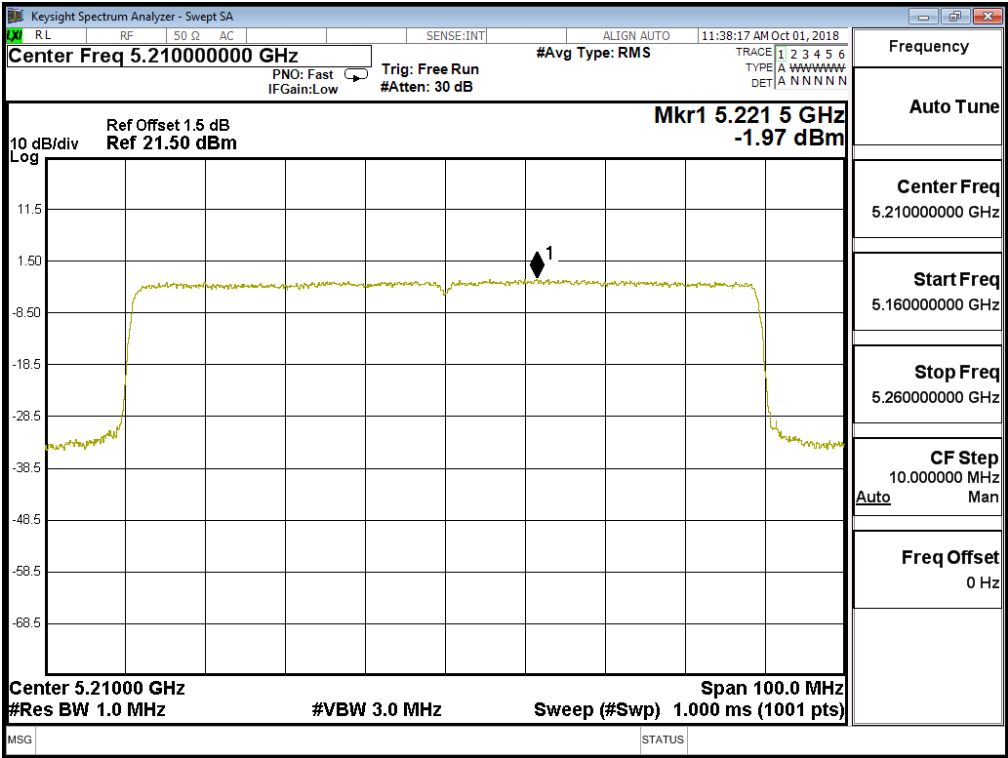
視頻頻寬：3MHz

環境溫度：21 °C

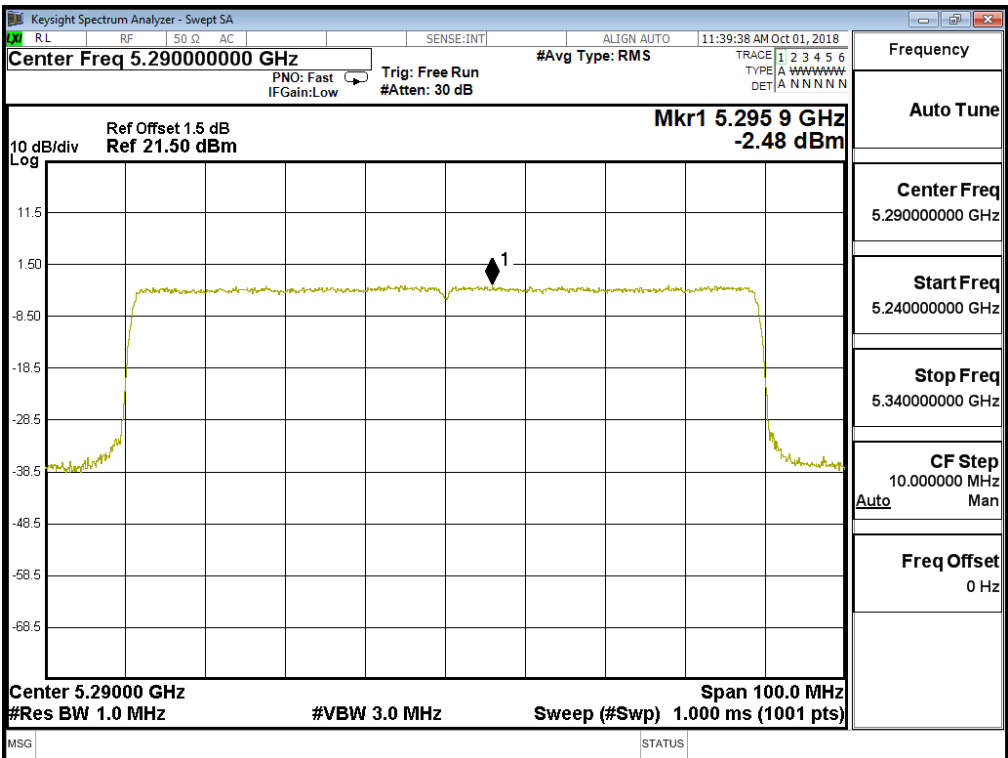
環境濕度：53 %

Channel Number	Frequency (MHz)	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
42	5210	-1.970	--	-1.970	<11	Pass
58	5290	-2.480	--	-2.480	<11	Pass
106	5530	-2.550	--	-2.550	<11	Pass
122	5610	0.440	--	0.440	<11	Pass
138(U-NII-2C)	5690	0.520	--	0.520	<11	Pass
138(U-NII-3)	5690	-9.250	6.98	-9.250	<30	Pass
155	5775	-9.970	6.98	-9.970	<30	Pass

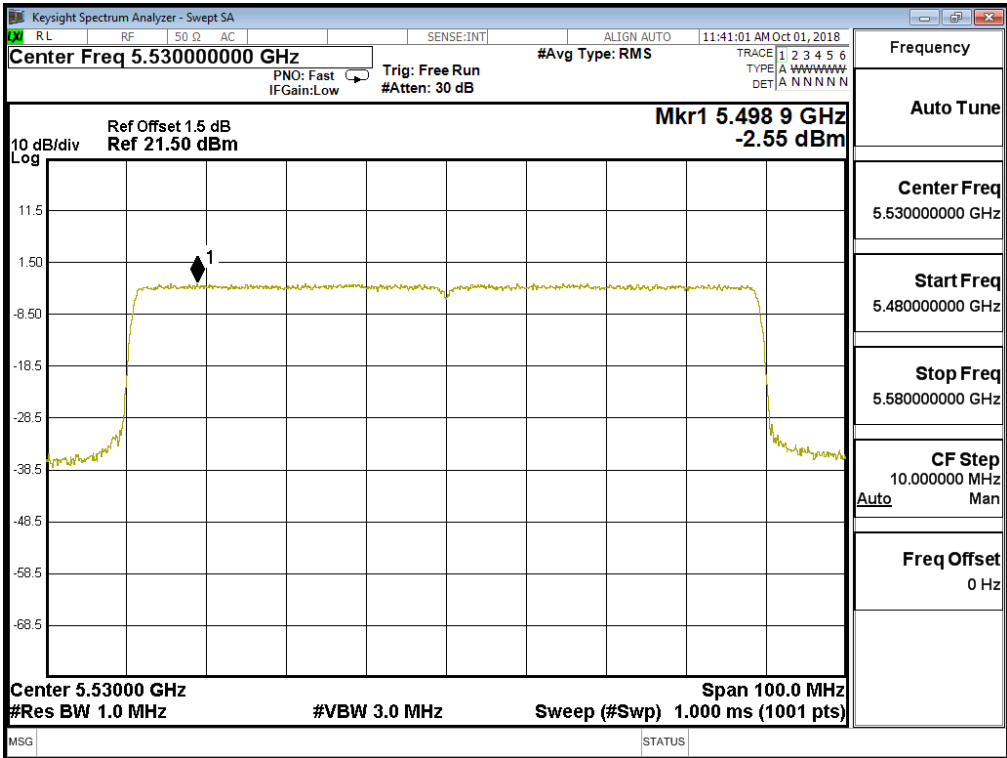
Channel 42



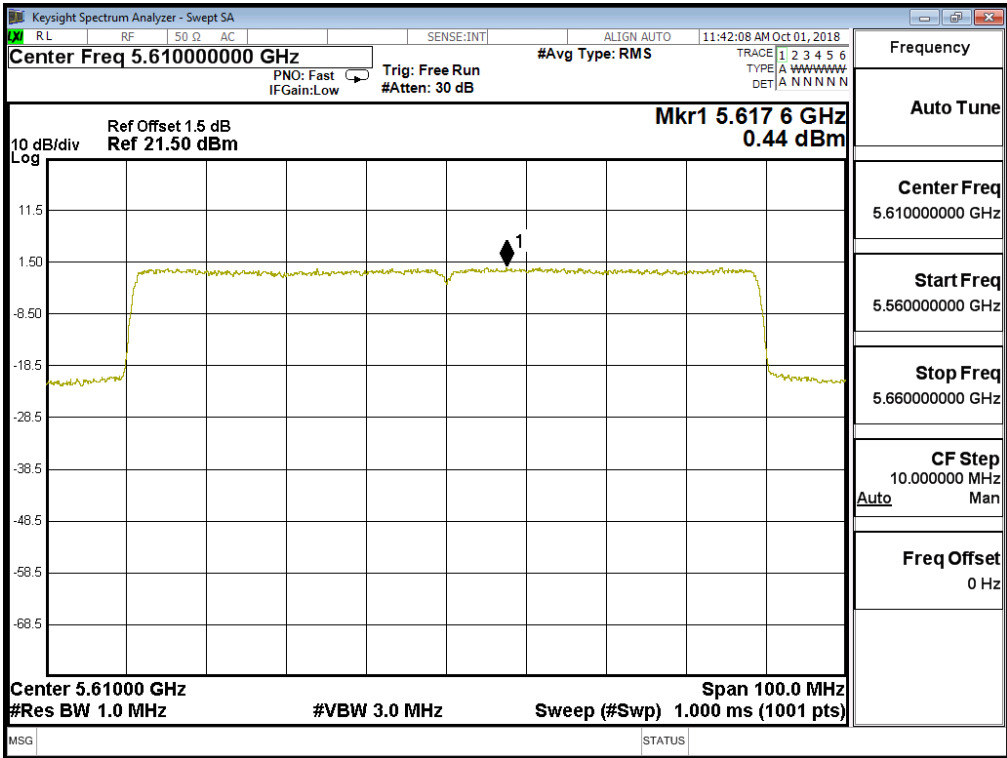
Channel 58



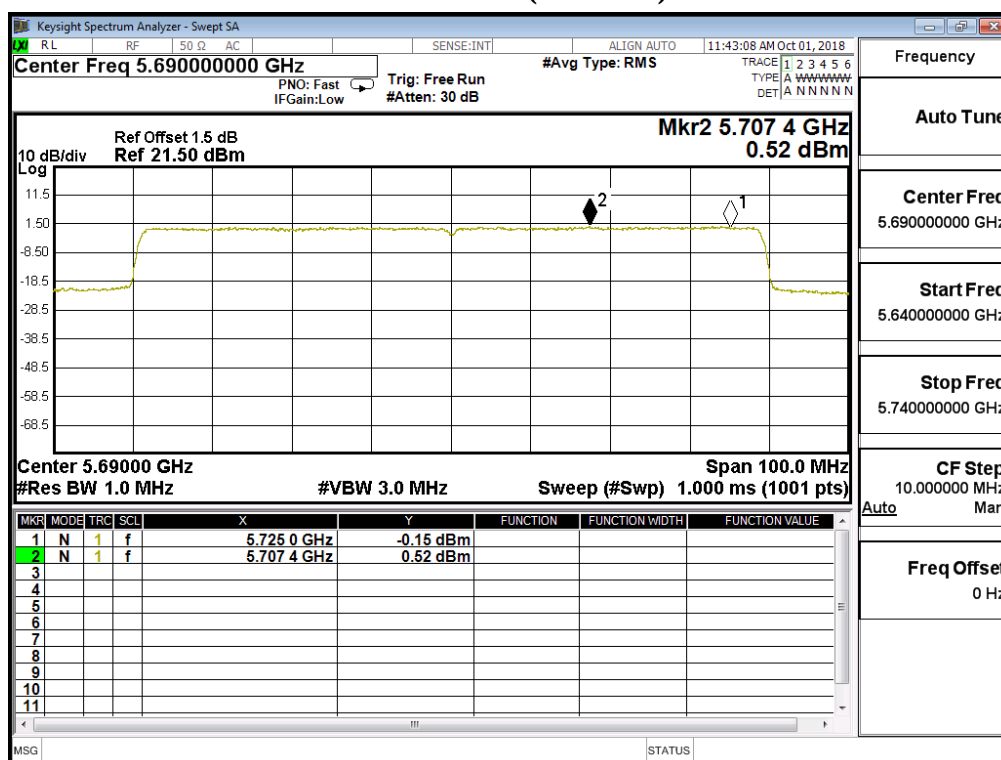
Channel 106



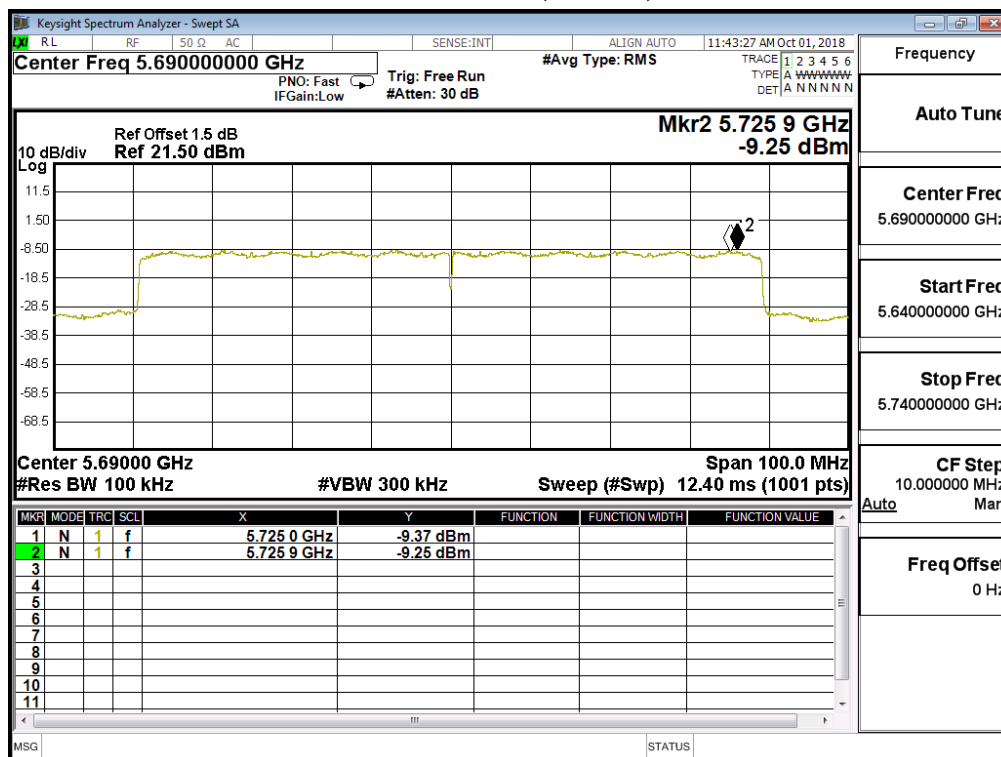
Channel 122



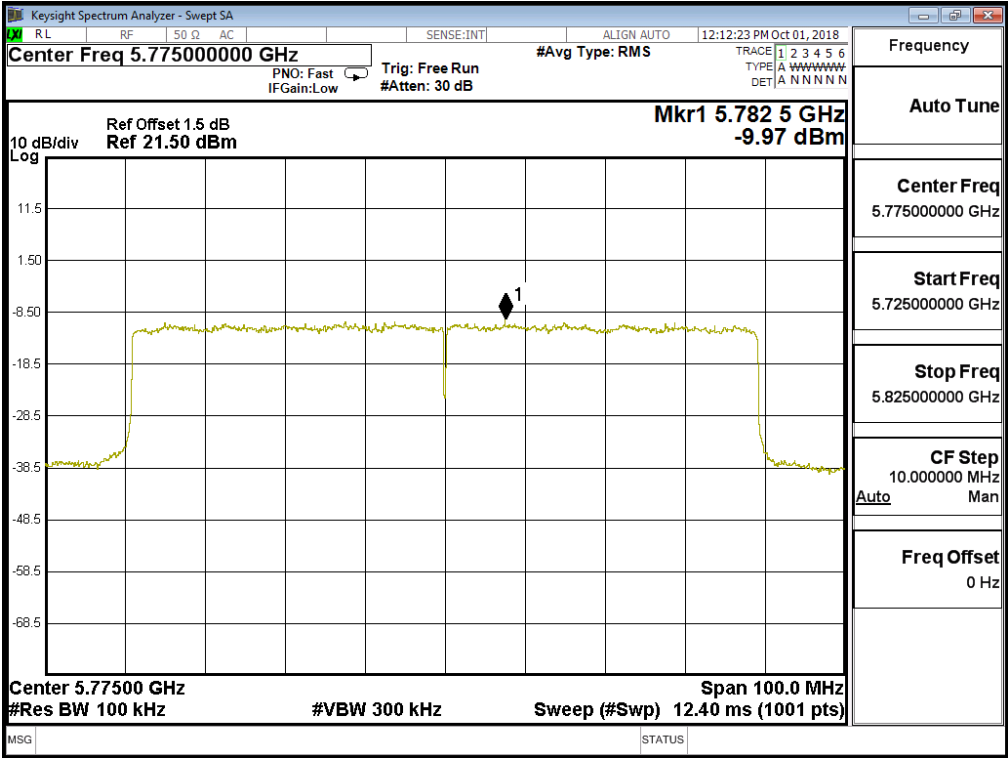
Channel 138 (U-NII-2C)



Channel 138 (U-NII-3)



Channel 155



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：--

6 dB 頻寬：1MHz

檢 測 器：峰值

測試日期：107 年 10 月 03 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-160BW

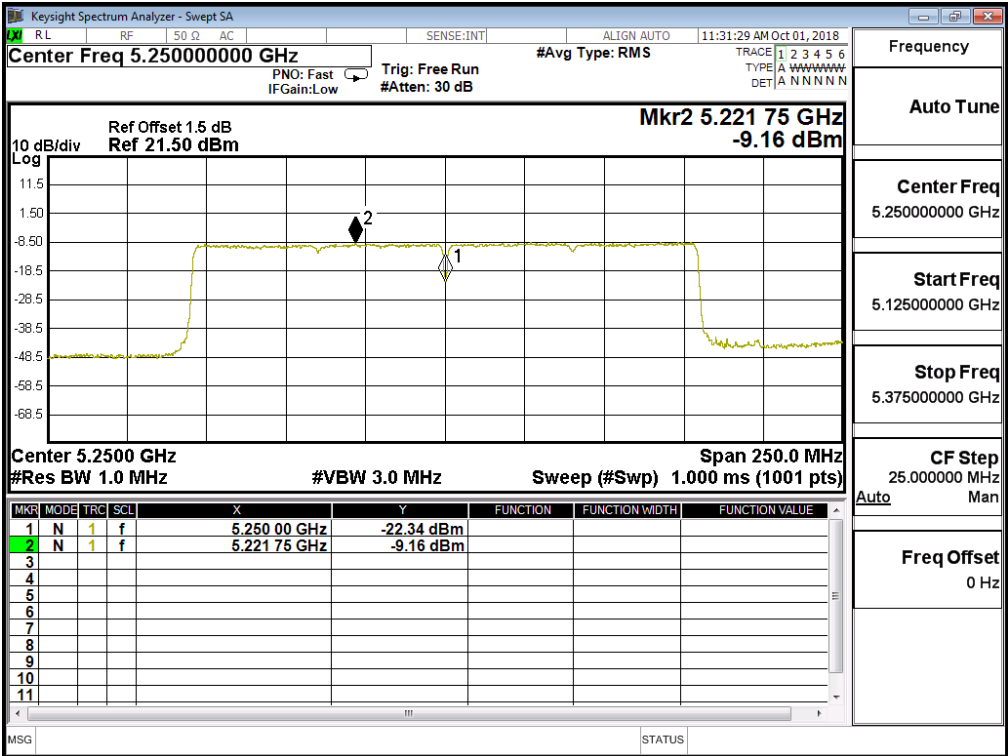
視 頻 頻 寬：3MHz

環 境 溫 度：21 °C

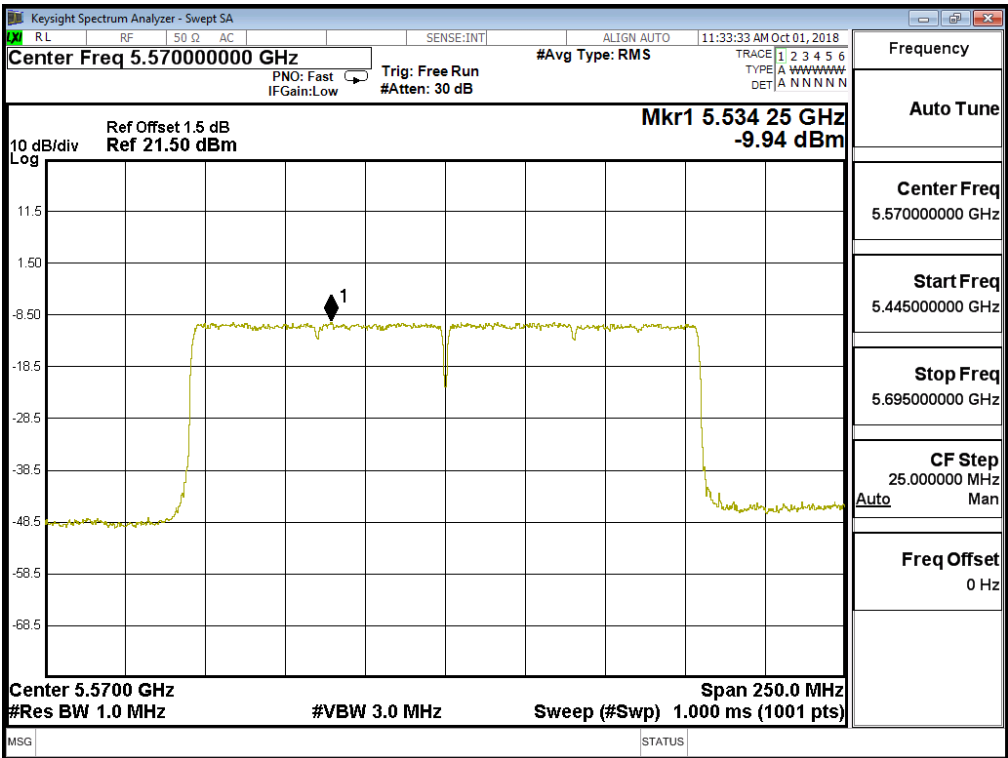
環 境 濕 度：53 %

Channel Number	Frequency (MHz)	PPSD (dBm)	Required Limit (dBm)	Result
50	5250	-9.160	<11	Pass
114	5570	-9.940	<11	Pass

Channel 50



Channel 114



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：107 年 10 月 03 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 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)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSSD/MHz (dBm)	Required Limit (dBm)	Result
36	5180	A	0.730	3.740	<11	Pass
		B	0.600	3.610	<11	Pass
44	5220	A	3.880	6.890	<11	Pass
		B	3.080	6.090	<11	Pass
48	5240	A	3.680	6.690	<11	Pass
		B	2.860	5.870	<11	Pass
52	5260	A	3.800	6.810	<11	Pass
		B	2.950	5.960	<11	Pass
60	5300	A	3.050	6.060	<11	Pass
		B	2.180	5.190	<11	Pass
64	5320	A	-0.830	2.180	<11	Pass
		B	-1.510	1.500	<11	Pass
100	5500	A	0.210	3.220	<11	Pass
		B	-0.980	2.030	<11	Pass
116	5580	A	4.170	7.180	<11	Pass
		B	3.260	6.270	<11	Pass
140	5700	A	-0.060	2.950	<11	Pass
		B	-0.790	2.220	<11	Pass

Note:

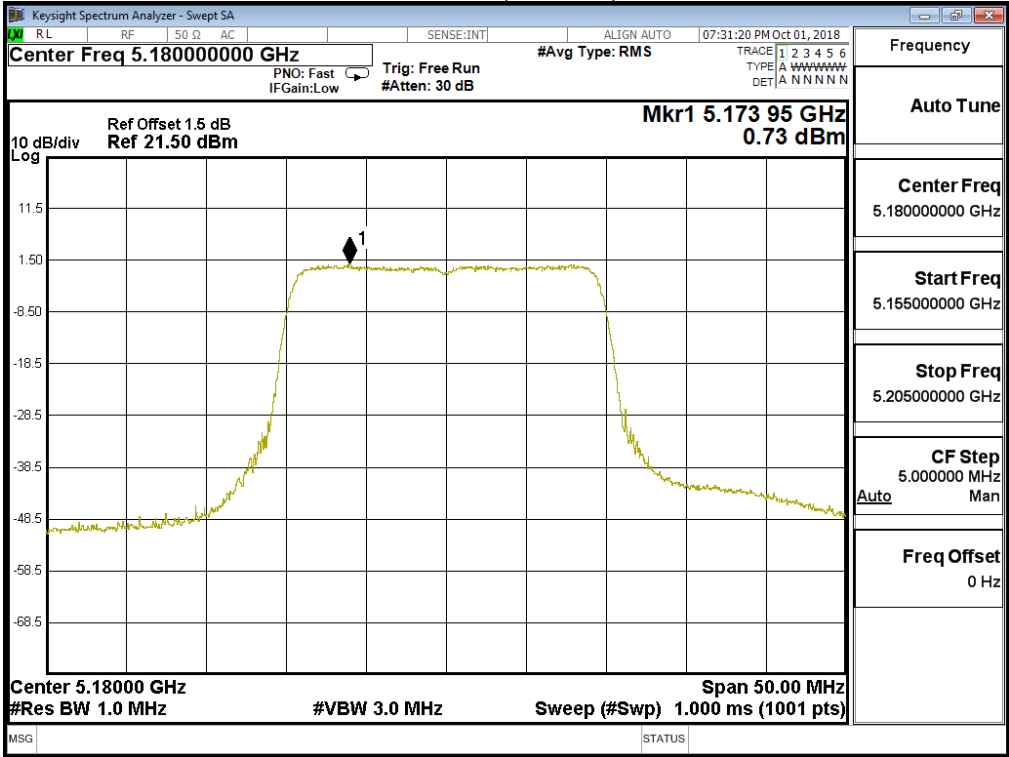
The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel Number	Frequency (MHz)	Chain (dBm)	PPSD (dBm)	BWCF (dB)	Total PPSSD (dBm)	Required Limit (dBm)	Result
144 (U-NII-2C)	5720	A	4.240	--	7.250	<11	Pass
		B	2.970	--	5.980	<11	Pass
144 (U-NII-3)	5720	A	-5.720	6.98	4.270	<30	Pass
		B	-7.040	6.98	2.950	<30	Pass
149	5745	A	-5.470	6.980	4.520	<30	Pass
		B	-6.460	6.980	3.530	<30	Pass
157	5785	A	-5.450	6.980	4.540	<30	Pass
		B	-6.640	6.980	3.350	<30	Pass
165	5825	A	-5.500	6.980	4.490	<30	Pass
		B	-6.560	6.980	3.430	<30	Pass

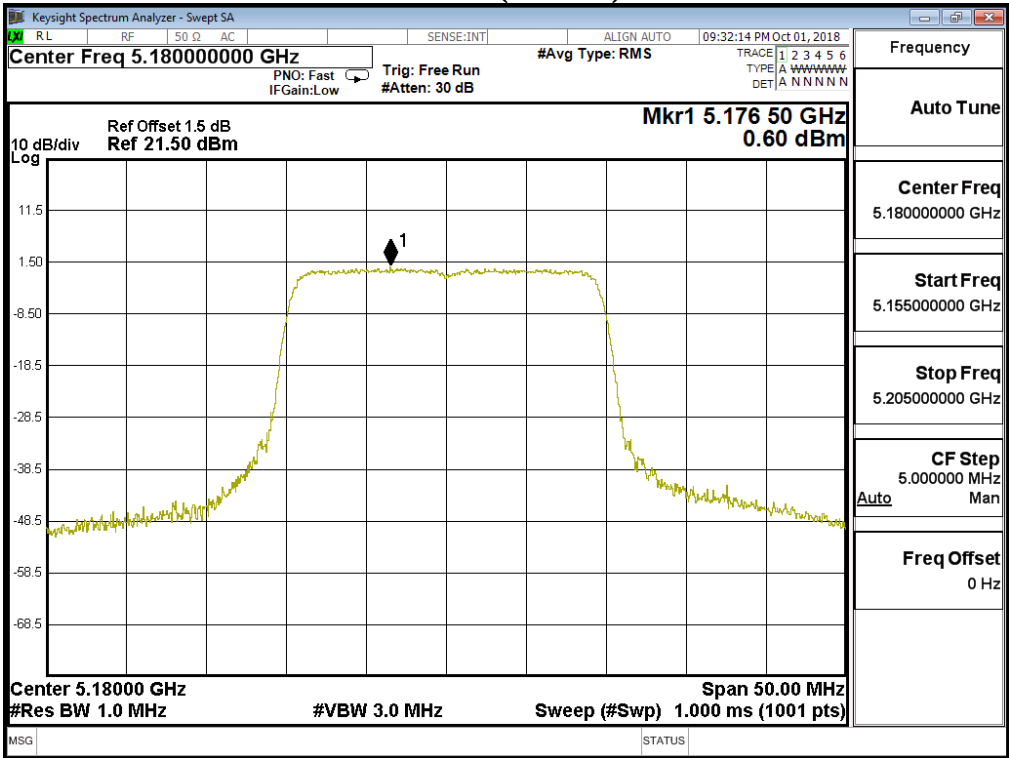
Note:

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

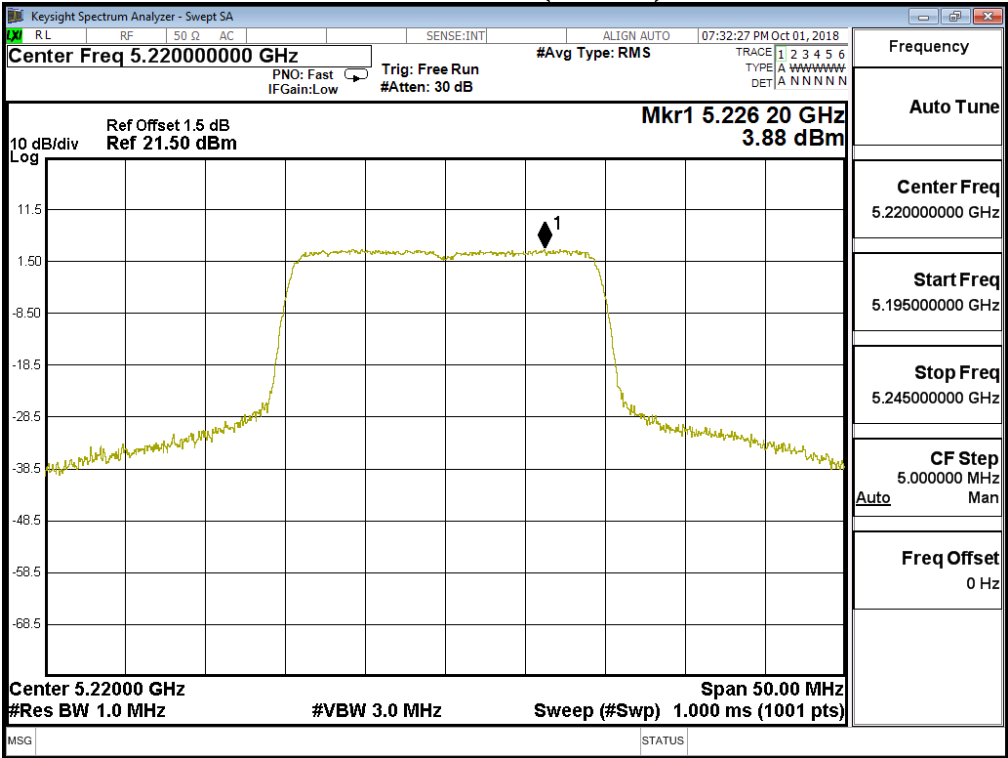
Channel 36 (Chain A)



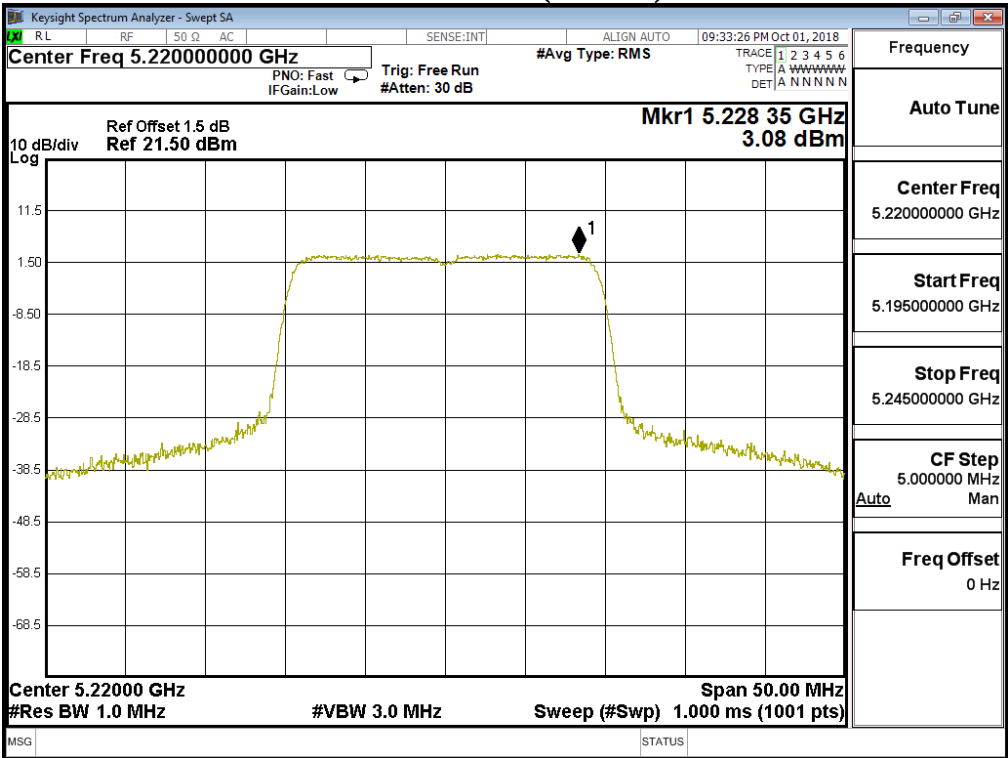
Channel 36 (Chain B)



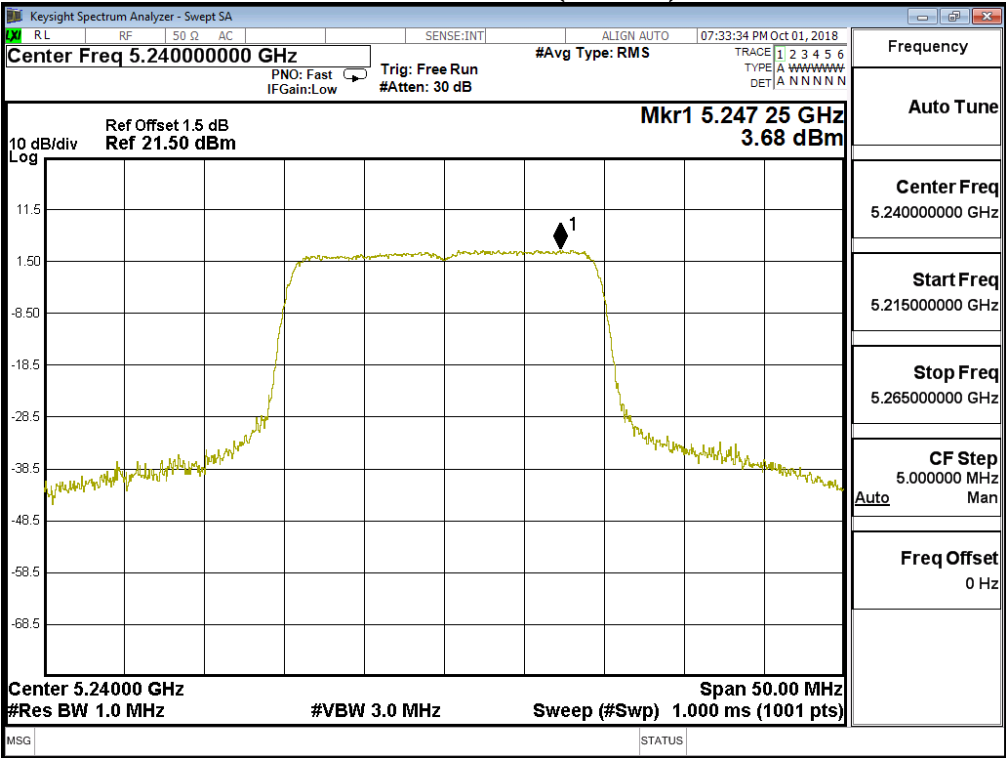
Channel 44 (Chain A)



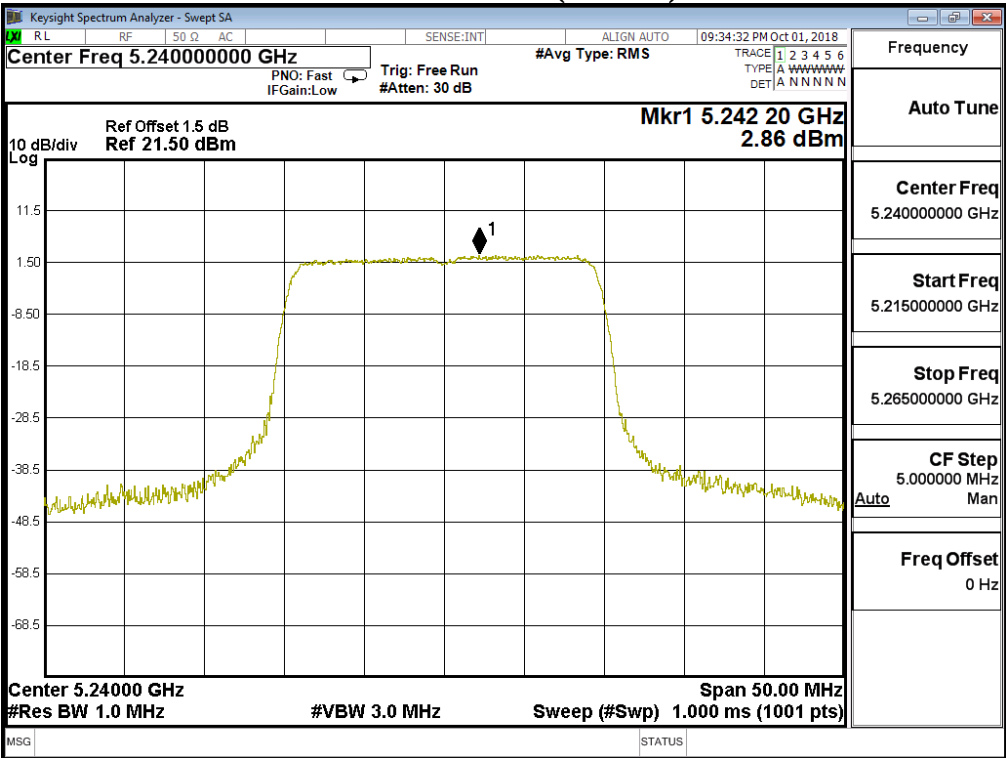
Channel 44 (Chain B)



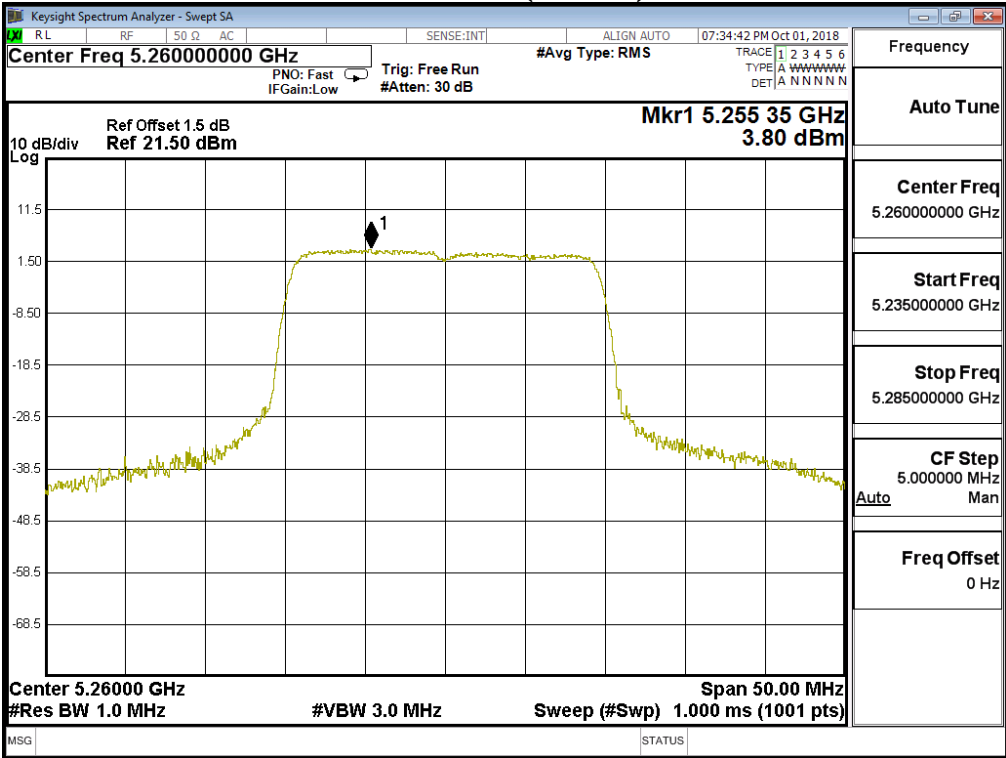
Channel 48 (Chain A)



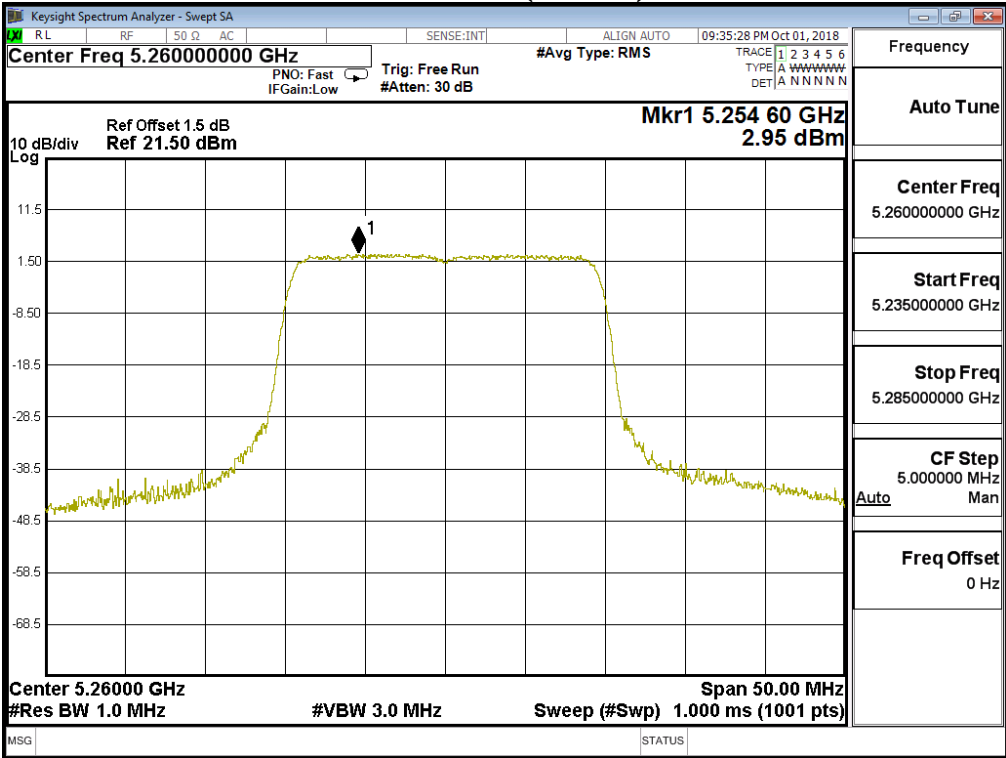
Channel 48 (Chain B)



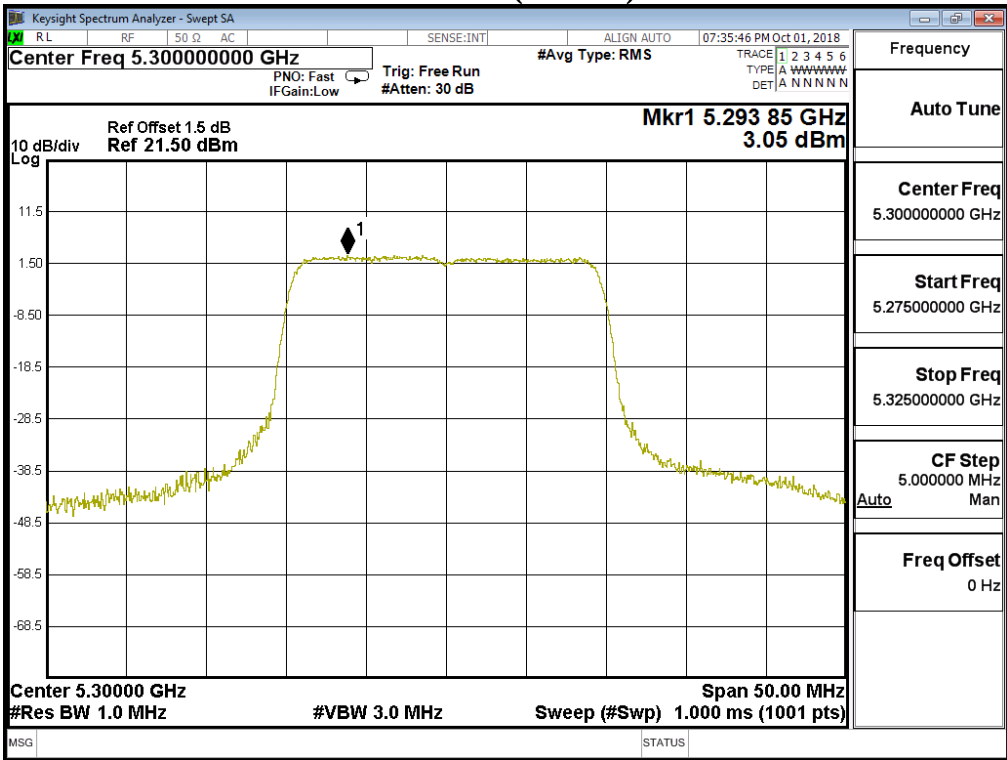
Channel 52 (Chain A)



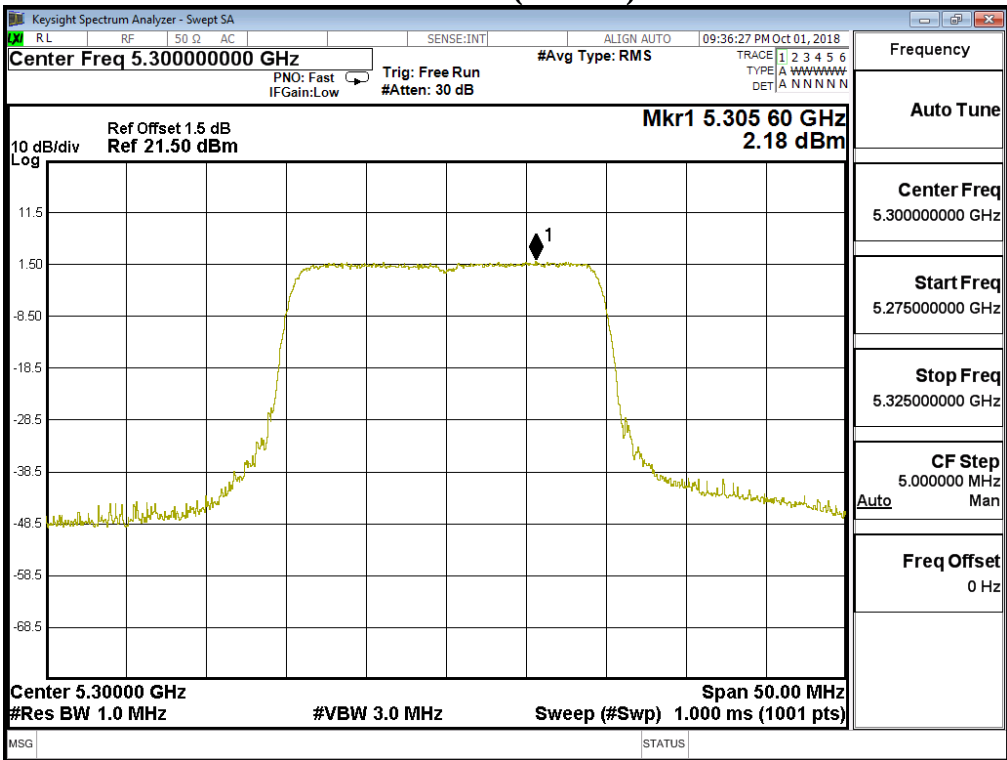
Channel 52 (Chain B)



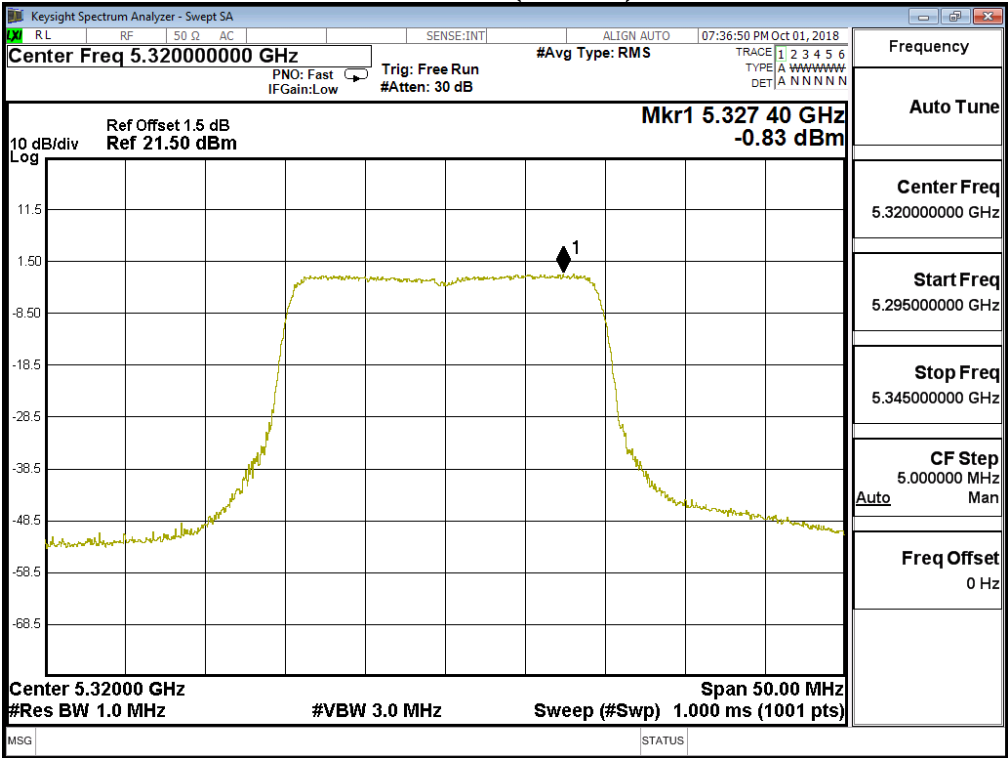
Channel 60 (Chain A)



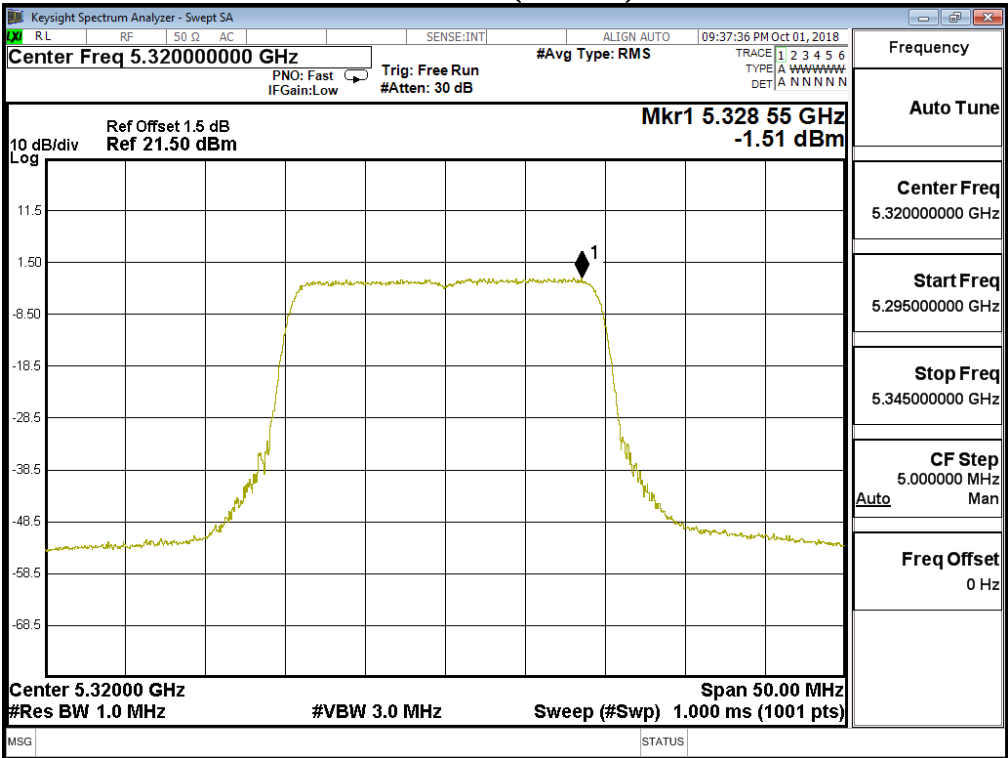
Channel 60 (Chain B)



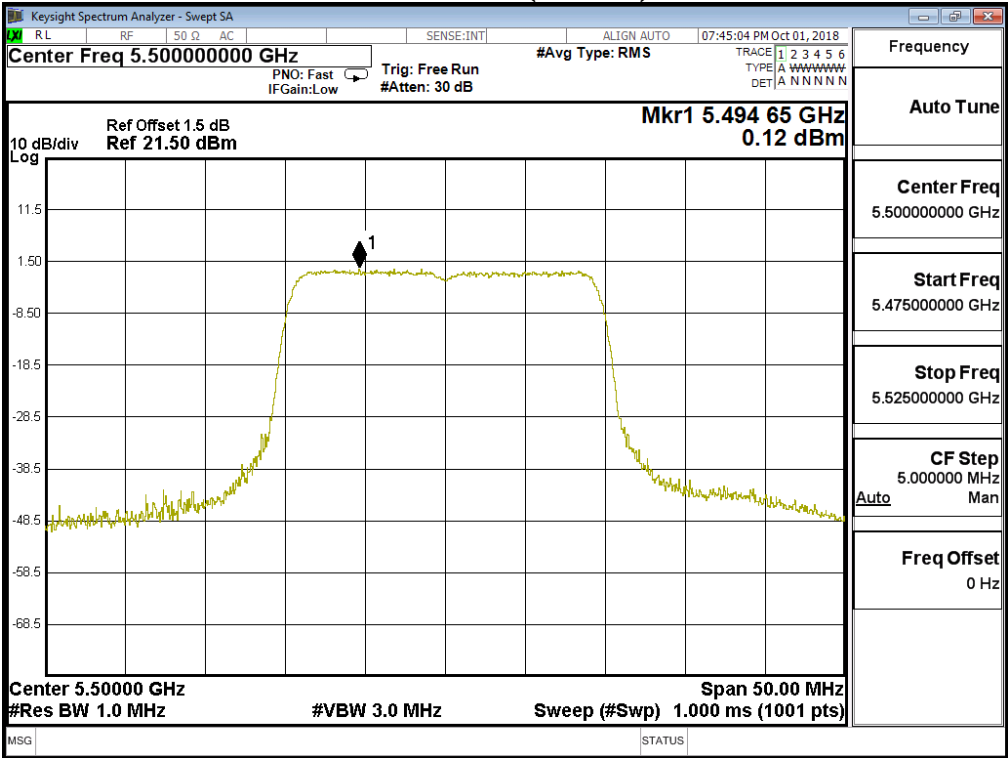
Channel 64 (Chain A)



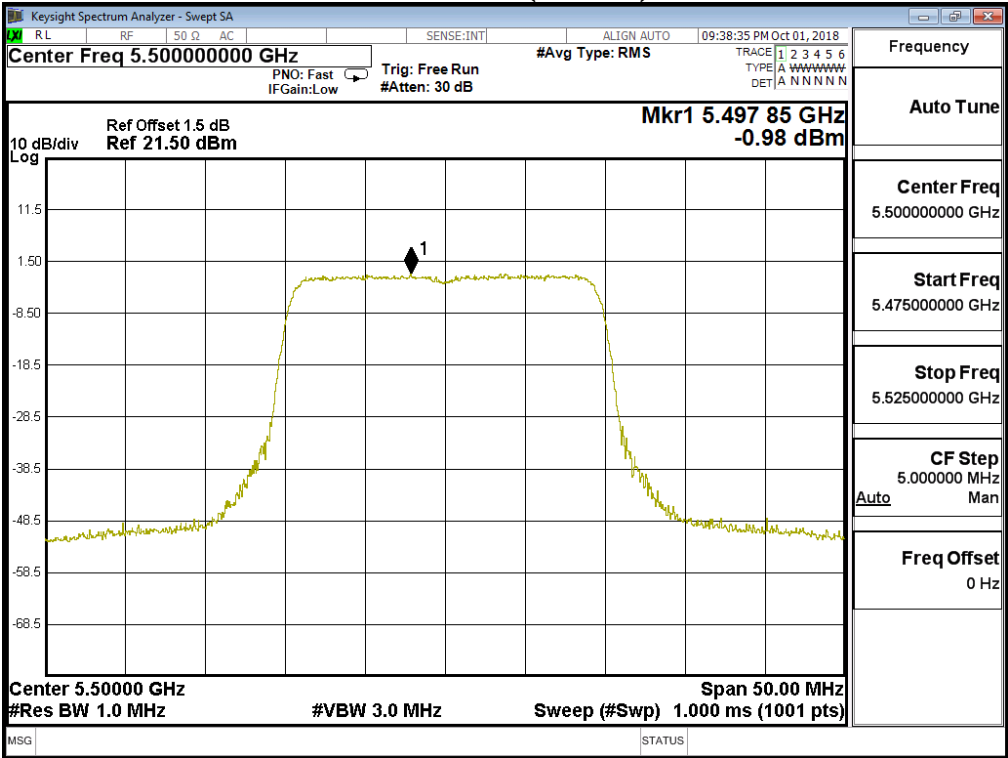
Channel 64 (Chain B)



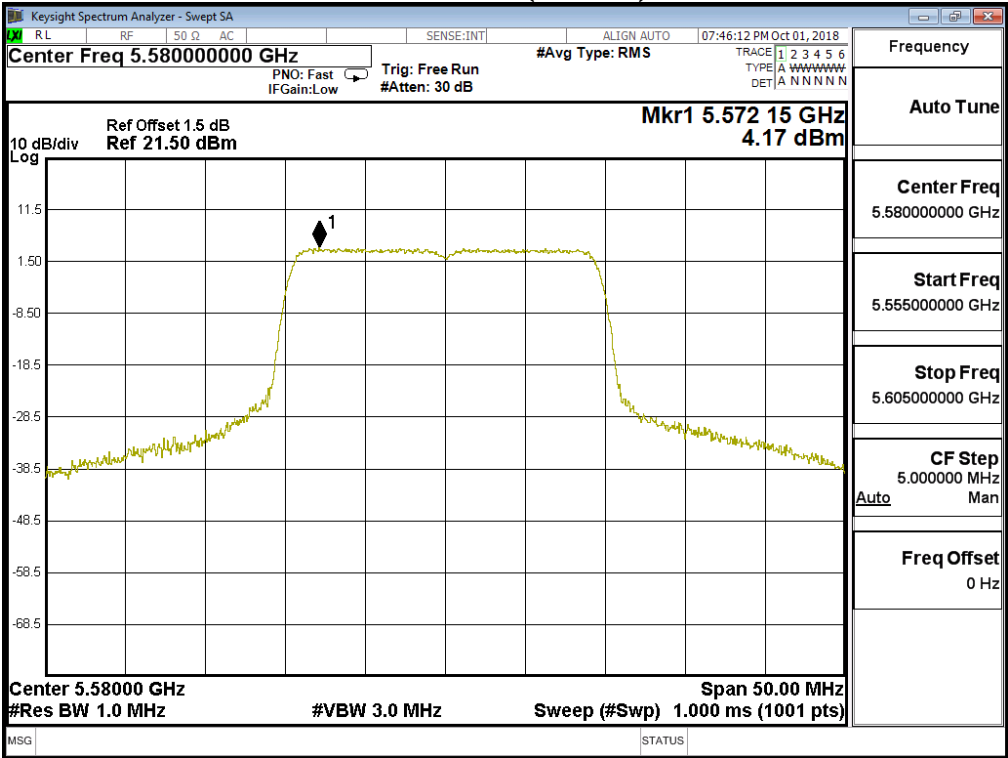
Channel 100 (Chain A)



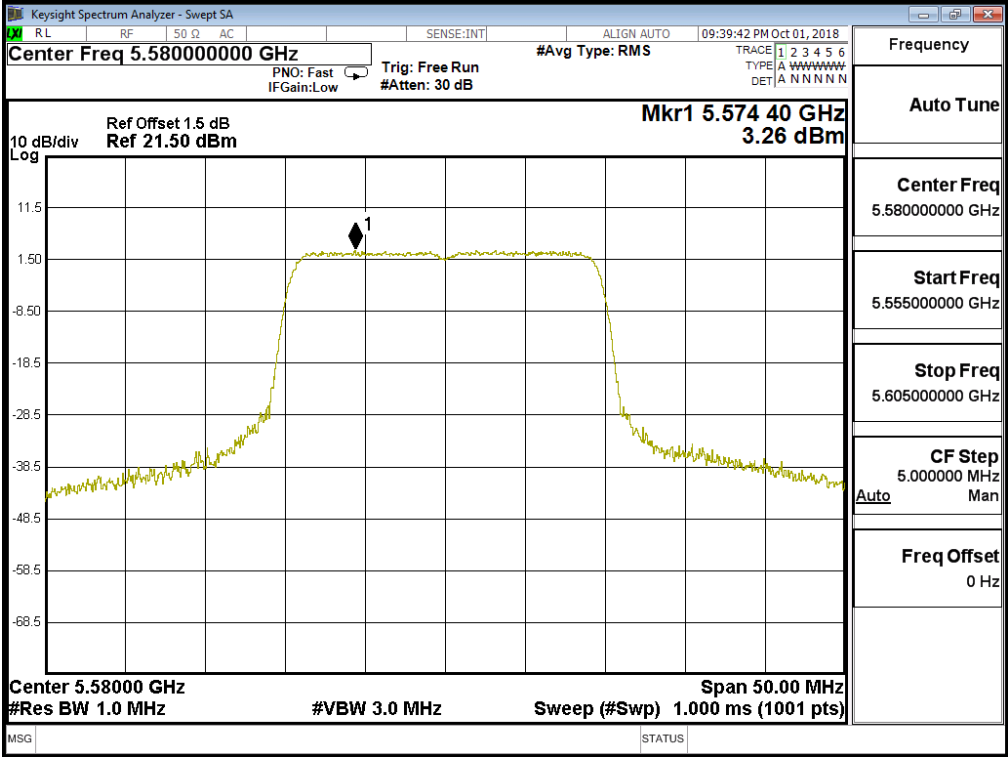
Channel 100 (Chain B)



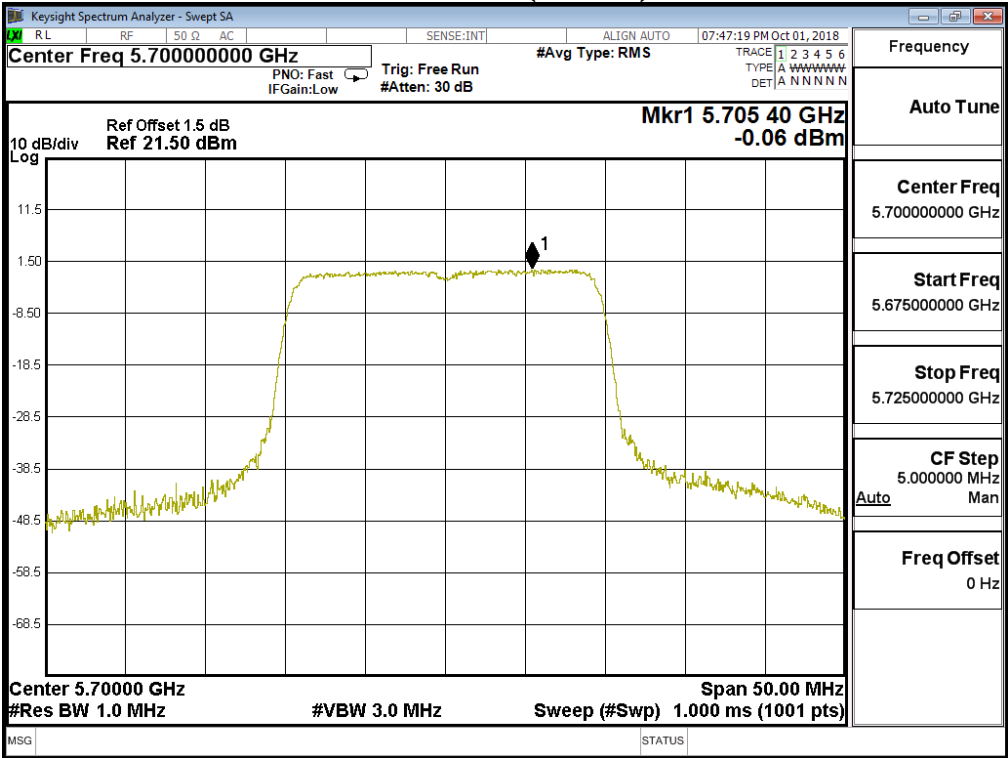
Channel 116 (Chain A)



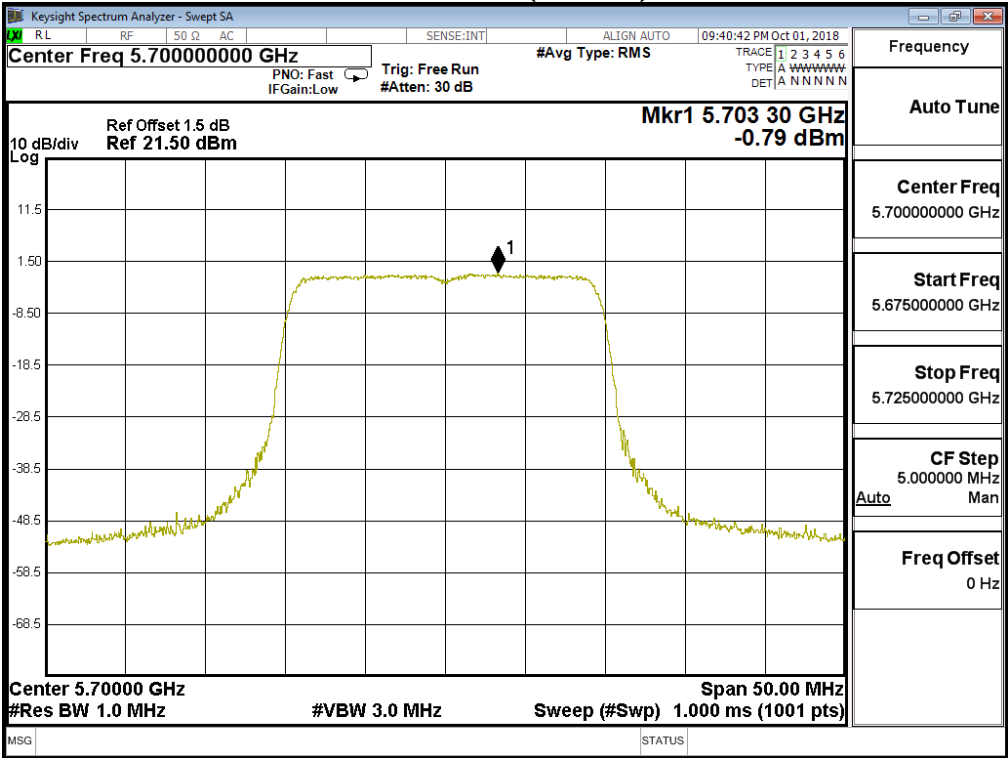
Channel 116 (Chain B)



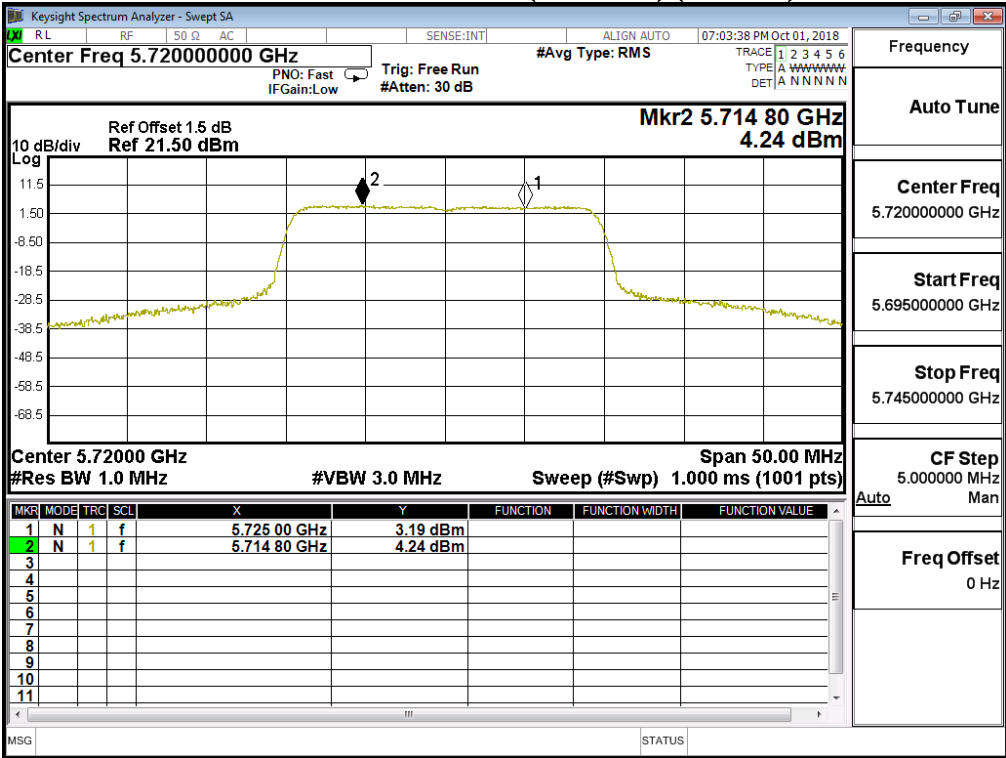
Channel 140 (Chain A)



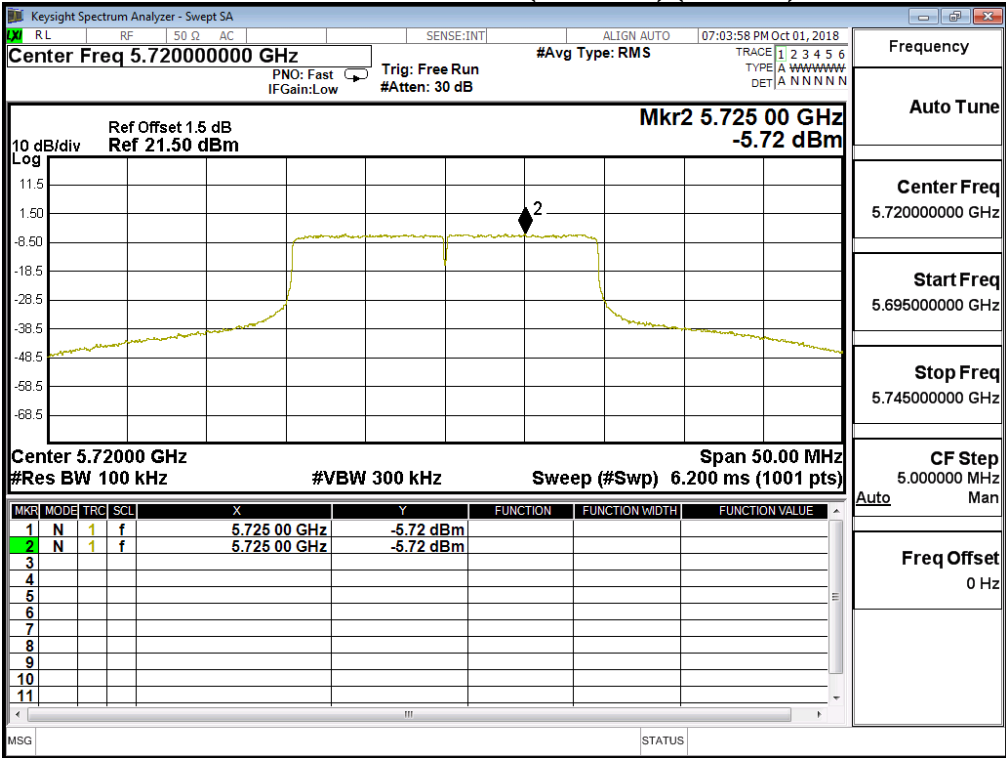
Channel 140 (Chain B)



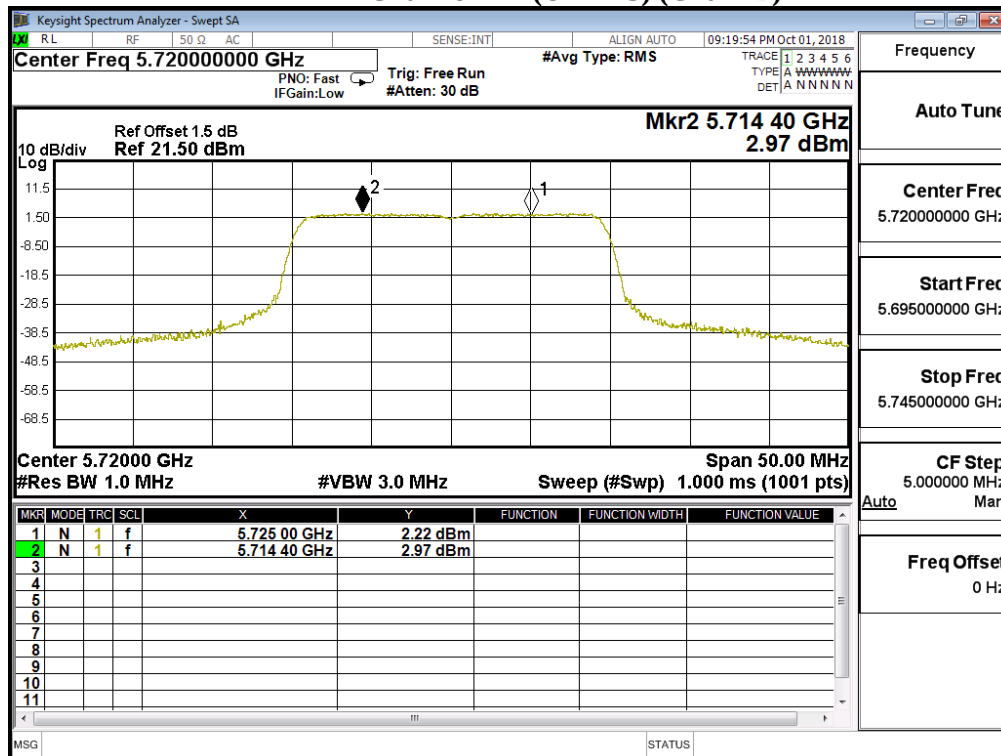
Channel 144 (U-NII-2C) (Chain A)



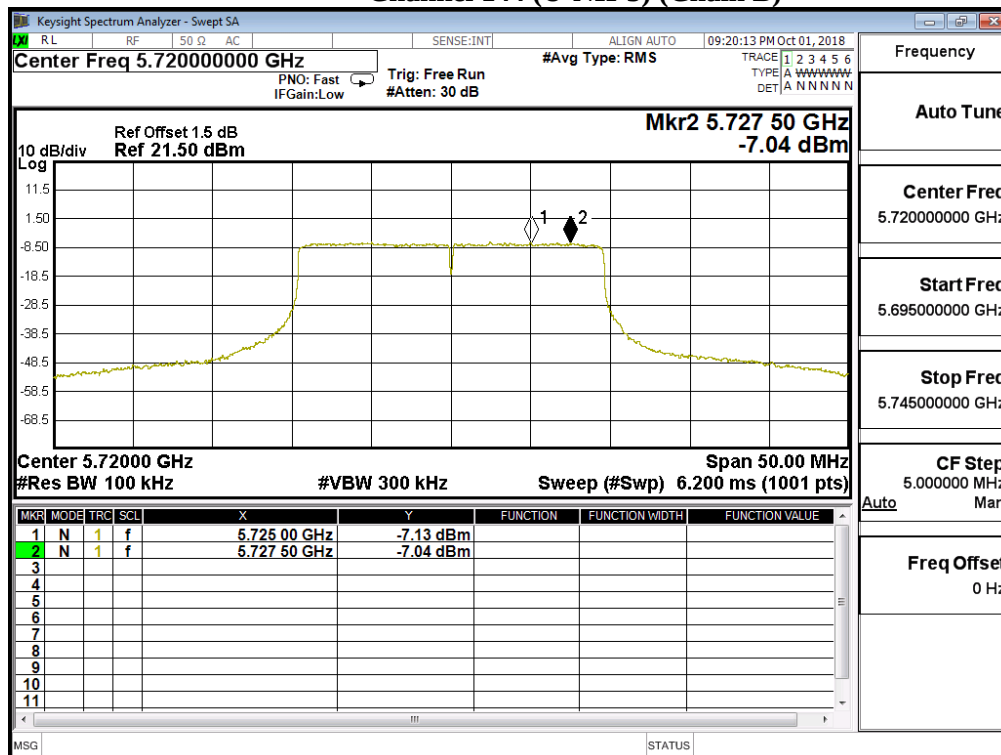
Channel 144 (U-NII-2C) (Chain A)



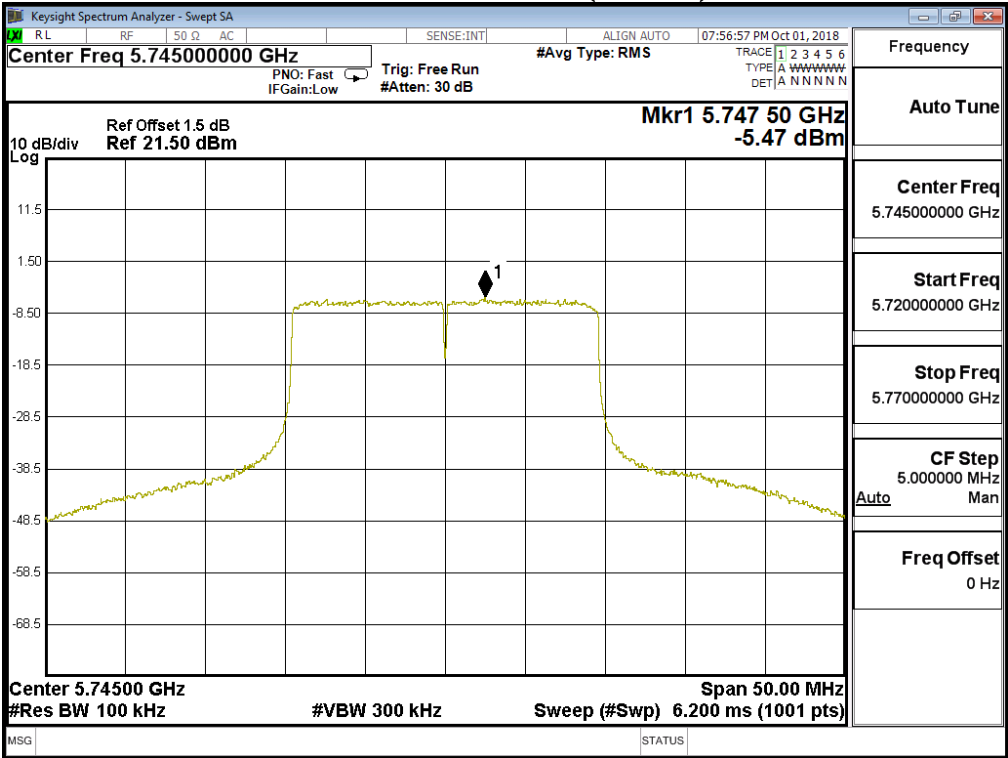
Channel 144 (U-NII-3) (Chain B)



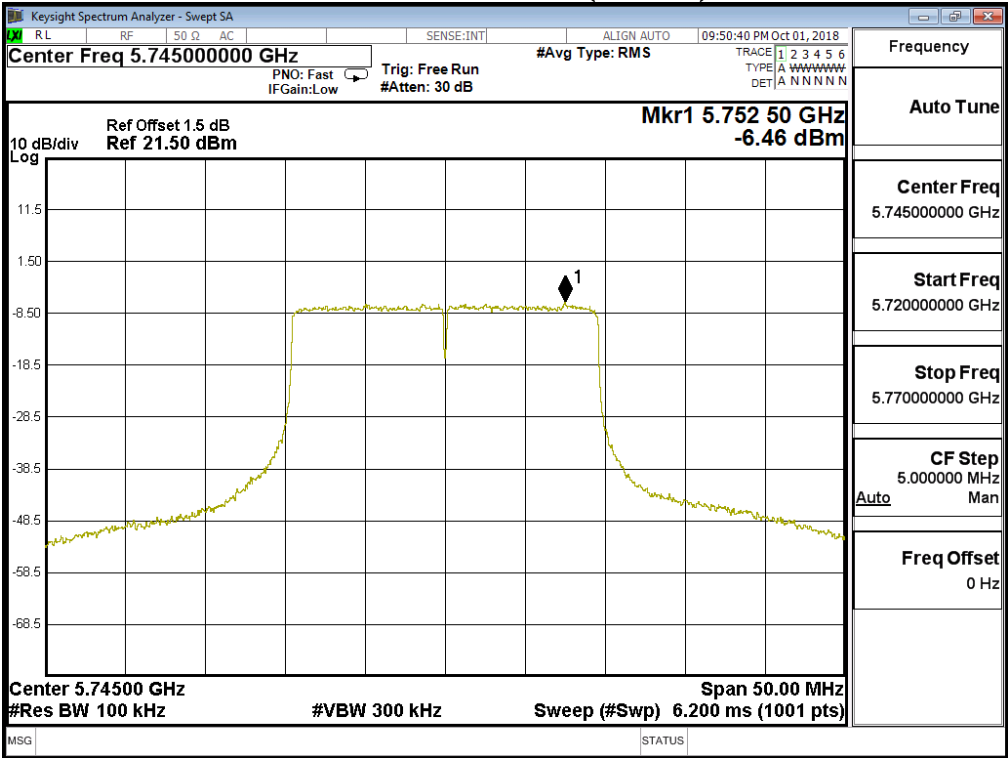
Channel 144 (U-NII-3) (Chain B)



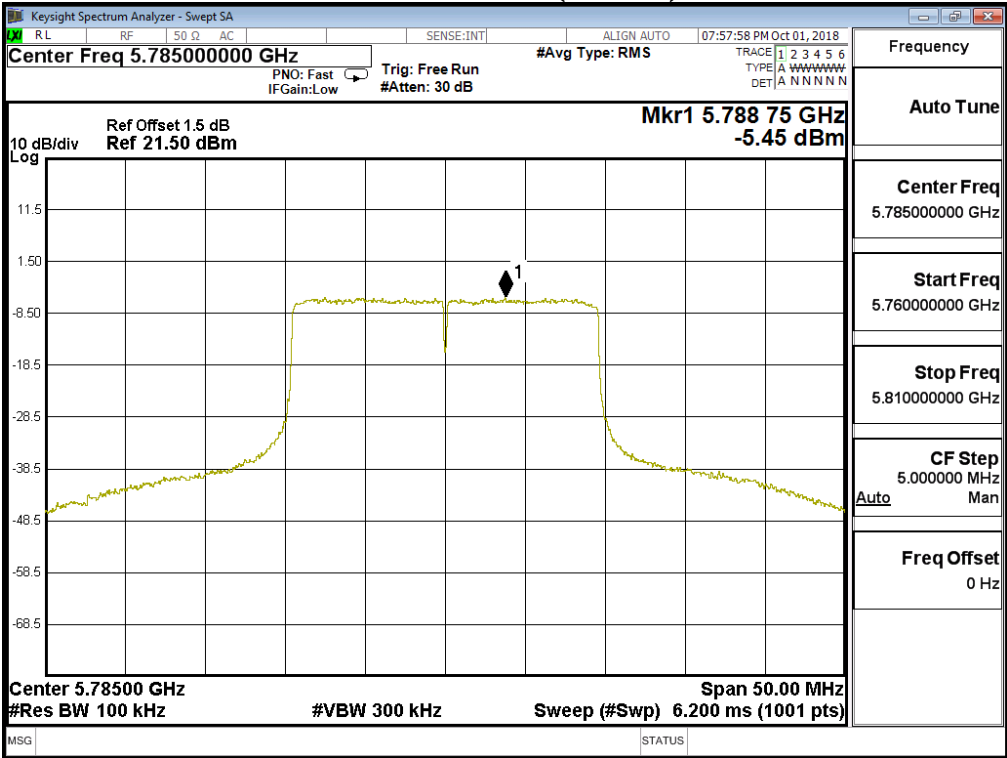
Channel 149 (Chain A)



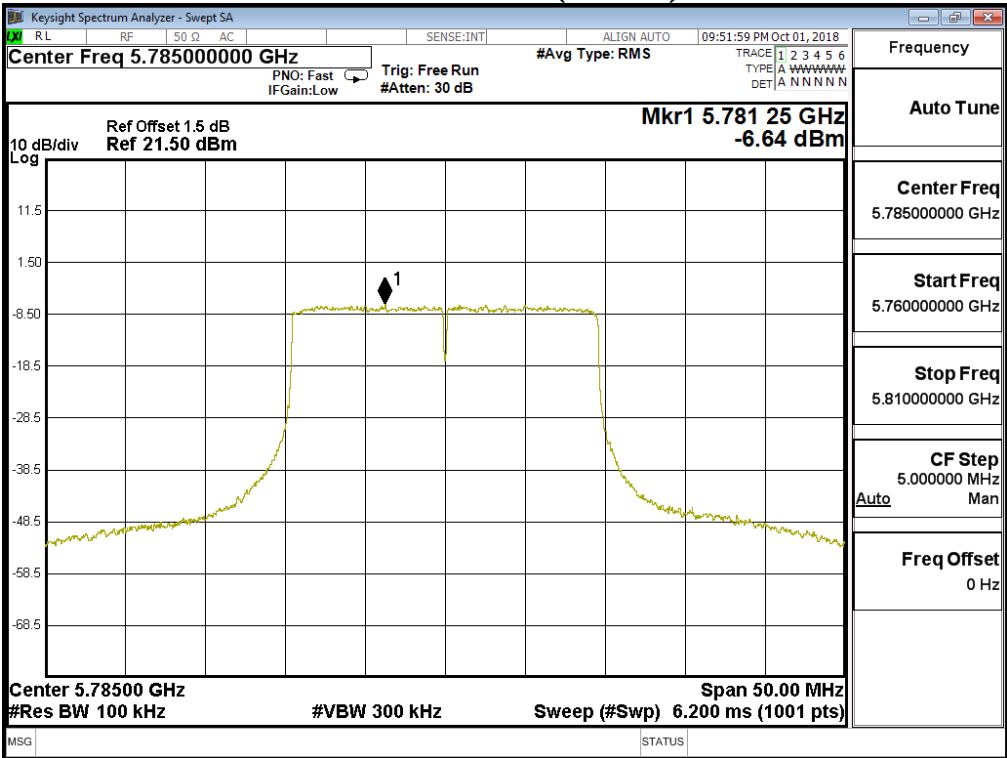
Channel 149 (Chain B)



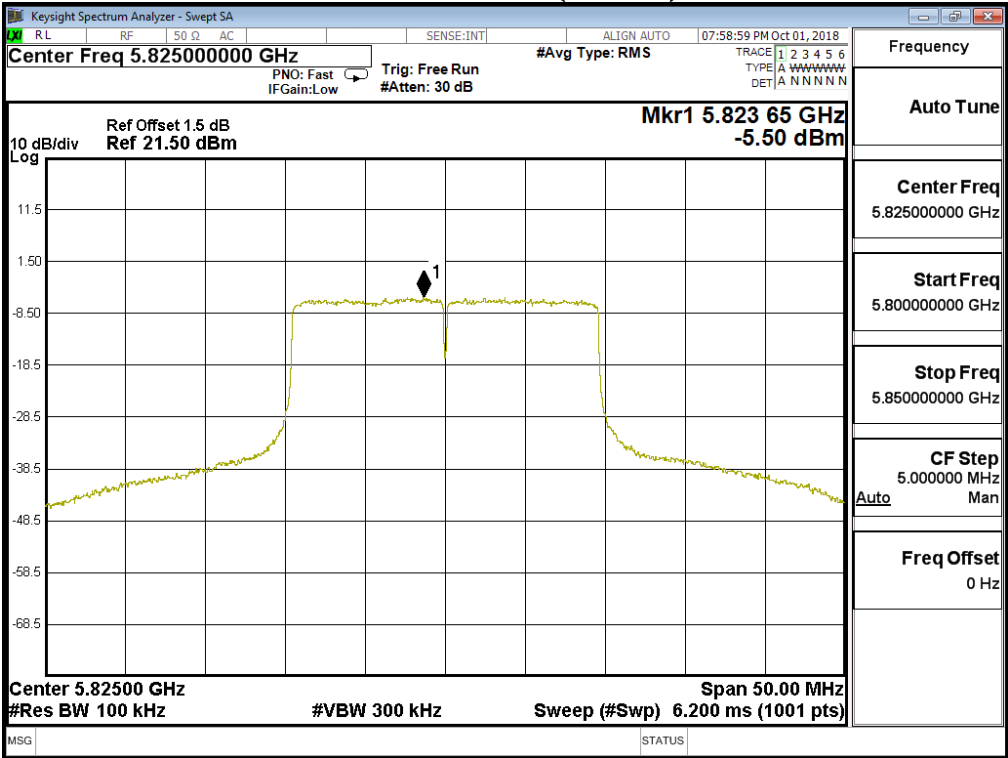
Channel 157 (Chain A)



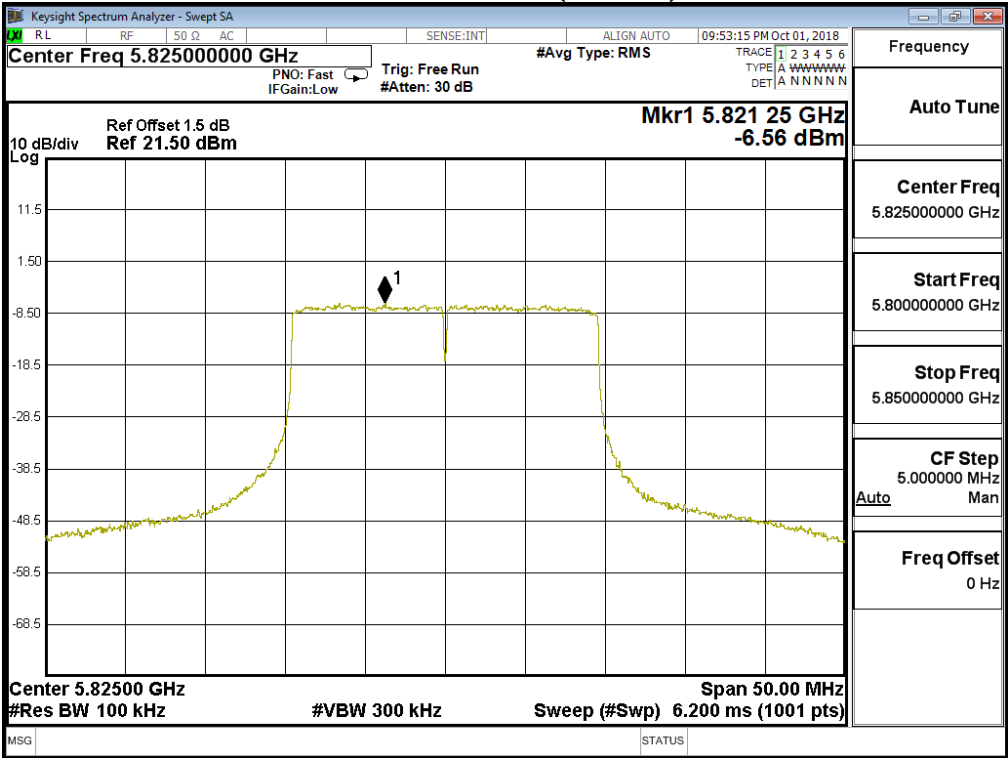
Channel 157 (Chain B)



Channel 165 (Chain A)



Channel 165 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：107 年 10 月 03 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 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)	Chain (dBm)	PPSD/MHz (dBm)	Total PSD/MHz (dBm)	Required Limit (dBm)	Result
38	5190	A	-2.570	0.440	<11	Pass
		B	-3.230	-0.220	<11	Pass
46	5230	A	-0.620	2.390	<11	Pass
		B	-1.190	1.820	<11	Pass
54	5270	A	-0.640	2.370	<11	Pass
		B	-1.490	1.520	<11	Pass
62	5310	A	-4.460	-1.450	<11	Pass
		B	-5.230	-2.220	<11	Pass
102	5510	A	-3.330	-0.320	<11	Pass
		B	-4.340	-1.330	<11	Pass
110	5550	A	0.350	3.360	<11	Pass
		B	-0.590	2.420	<11	Pass
134	5670	A	-0.960	2.050	<11	Pass
		B	-2.250	0.760	<11	Pass

Note:

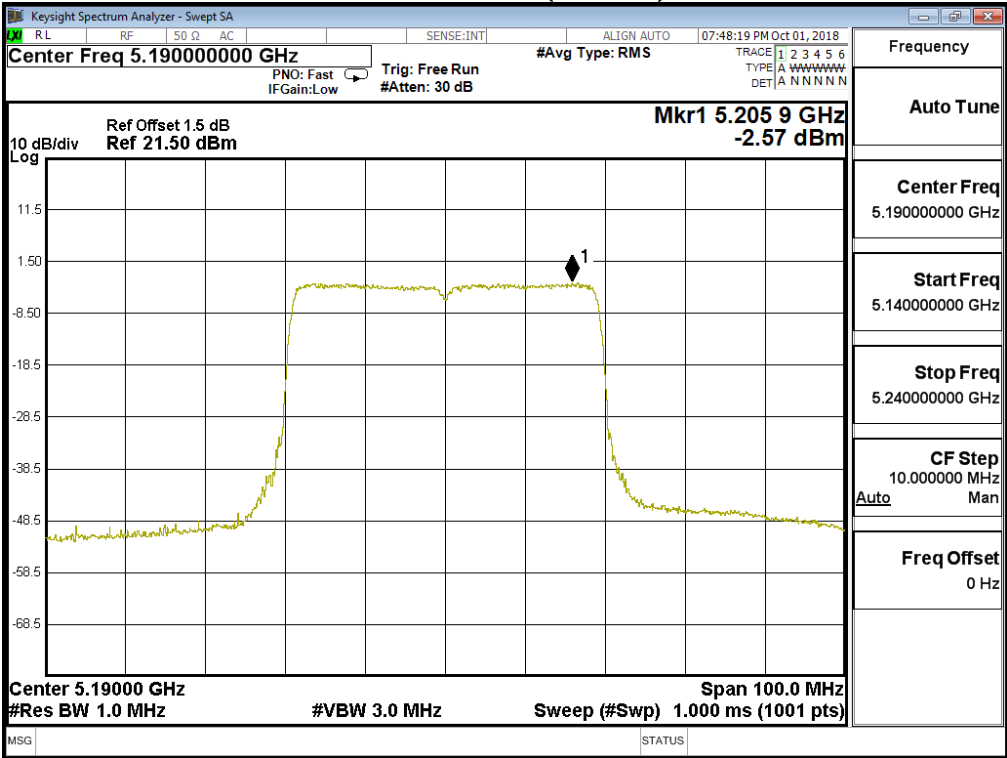
The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel Number	Frequency (MHz)	Chain (dBm)	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
142 (U-NII-2C)	5710	A	0.670	--	3.680	<11	Pass
		B	-0.380	--	2.630	<11	Pass
142 (U-NII-3)	5710	A	-9.370	6.98	0.620	<30	Pass
		B	-10.890	6.98	-0.900	<30	Pass
151	5755	A	-8.910	6.980	1.080	<30	Pass
		B	-10.230	6.980	-0.240	<30	Pass
159	5795	A	-8.660	6.980	1.330	<30	Pass
		B	-9.940	6.980	0.050	<30	Pass

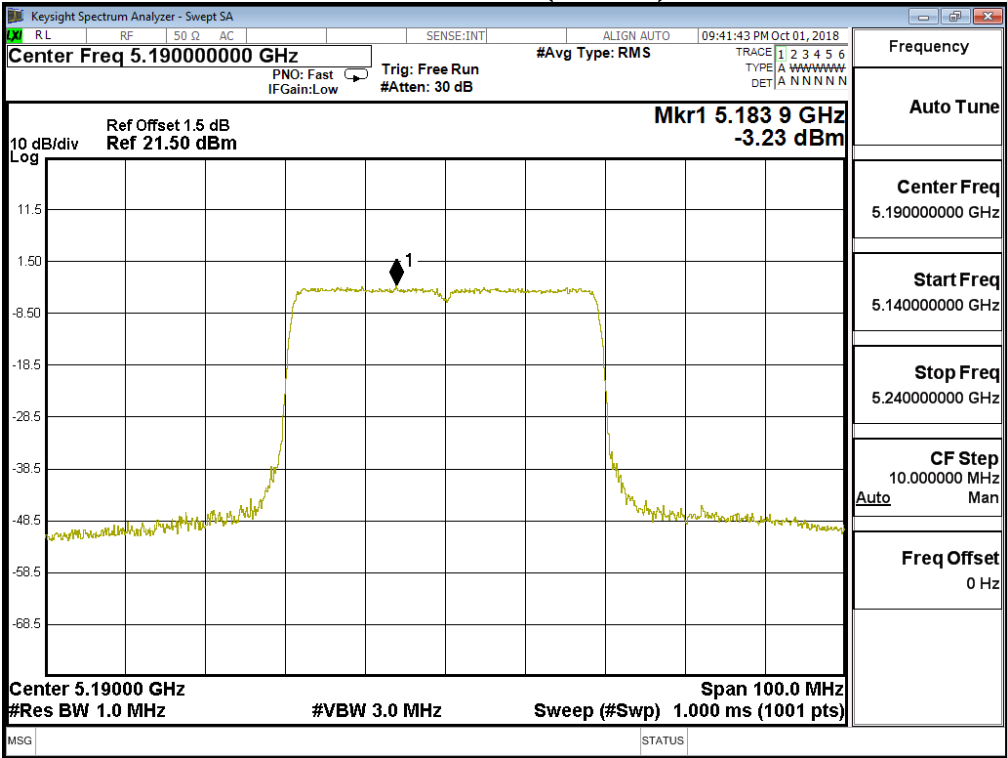
Note:

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

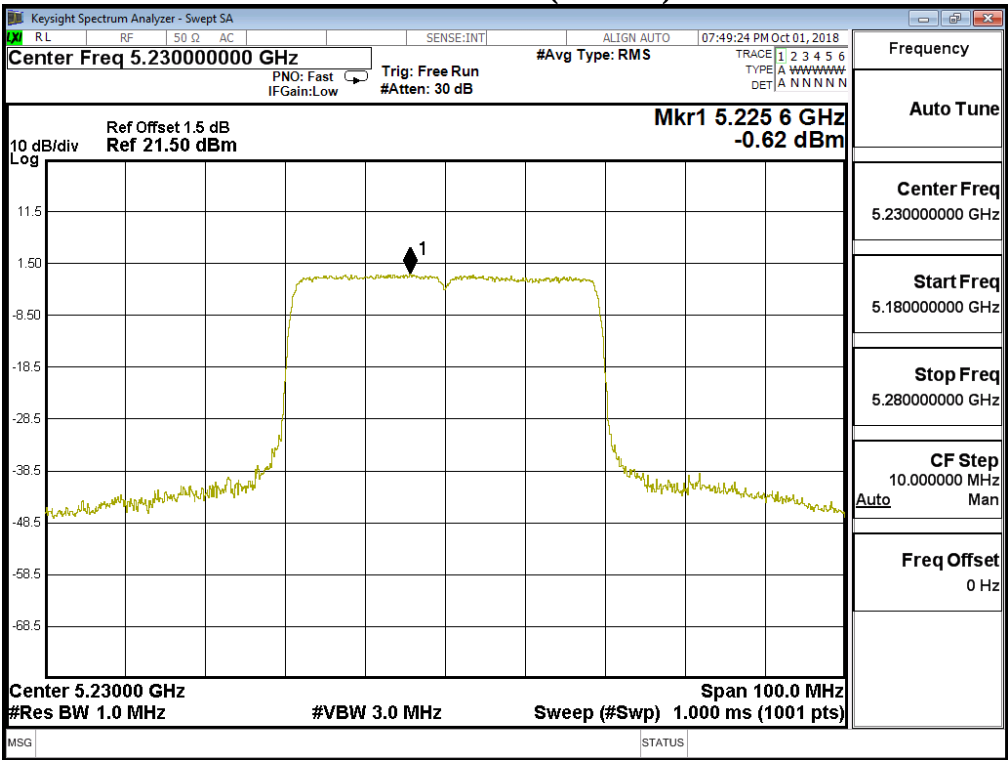
Channel 38 (Chain A)



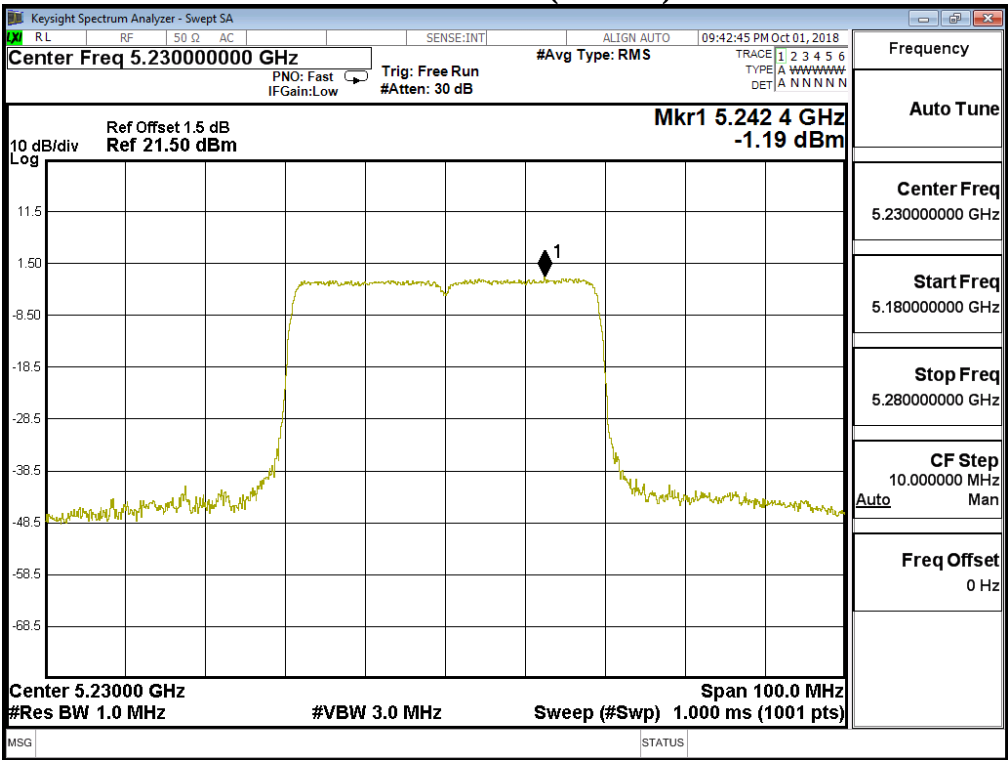
Channel 38 (Chain B)



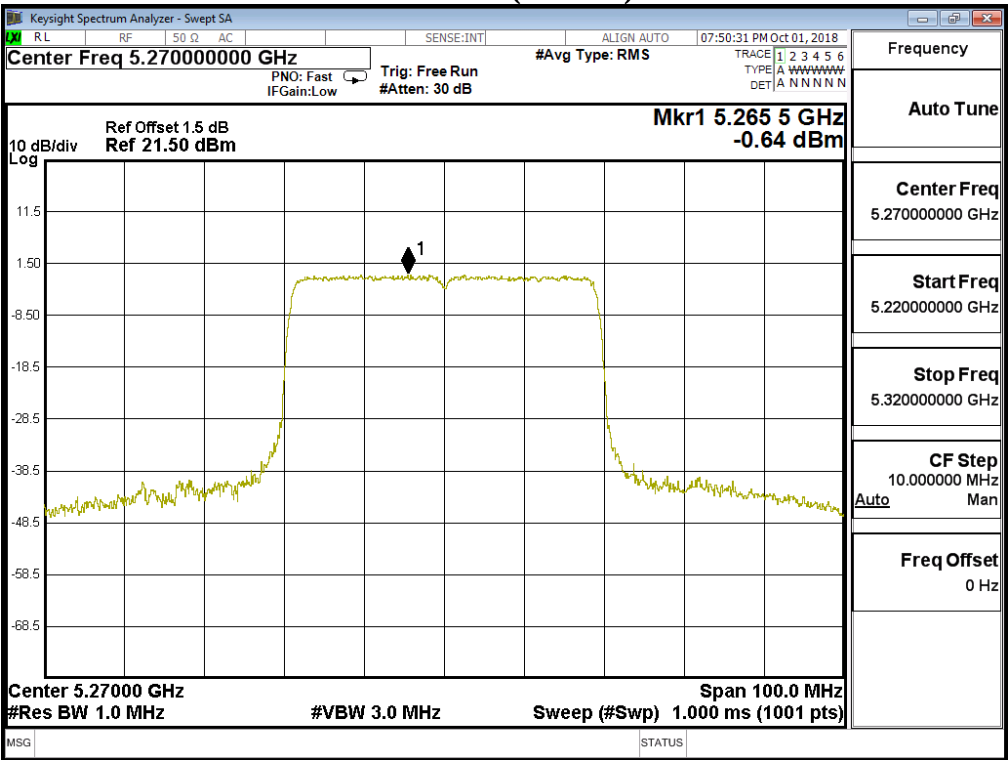
Channel 46 (Chain A)



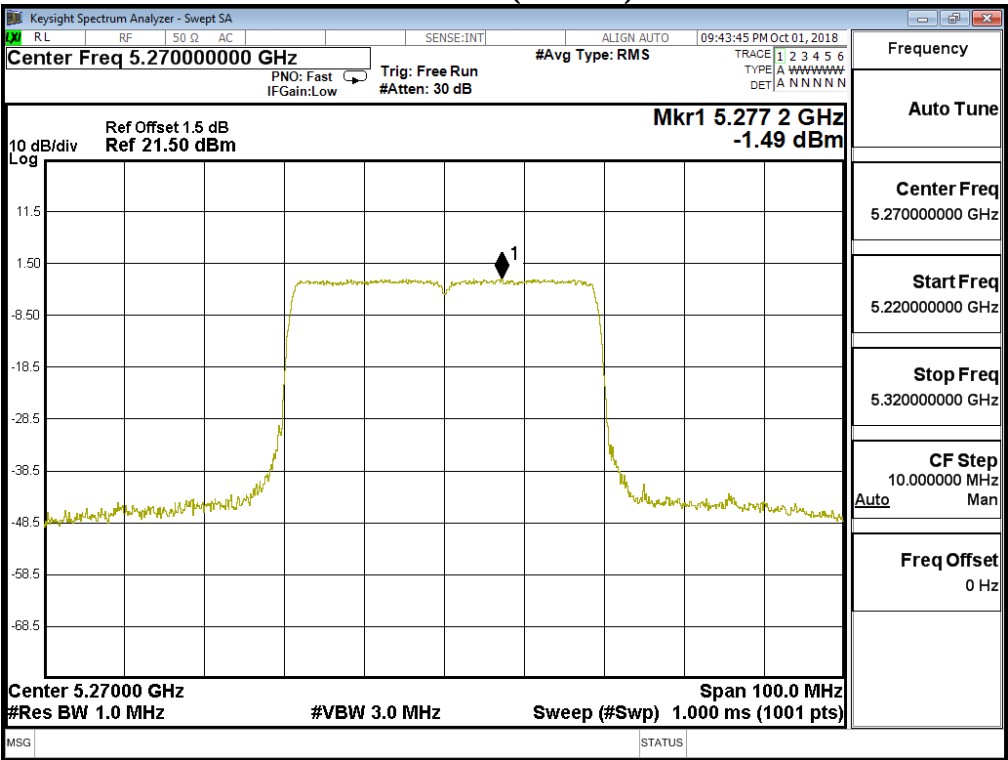
Channel 46 (Chain B)



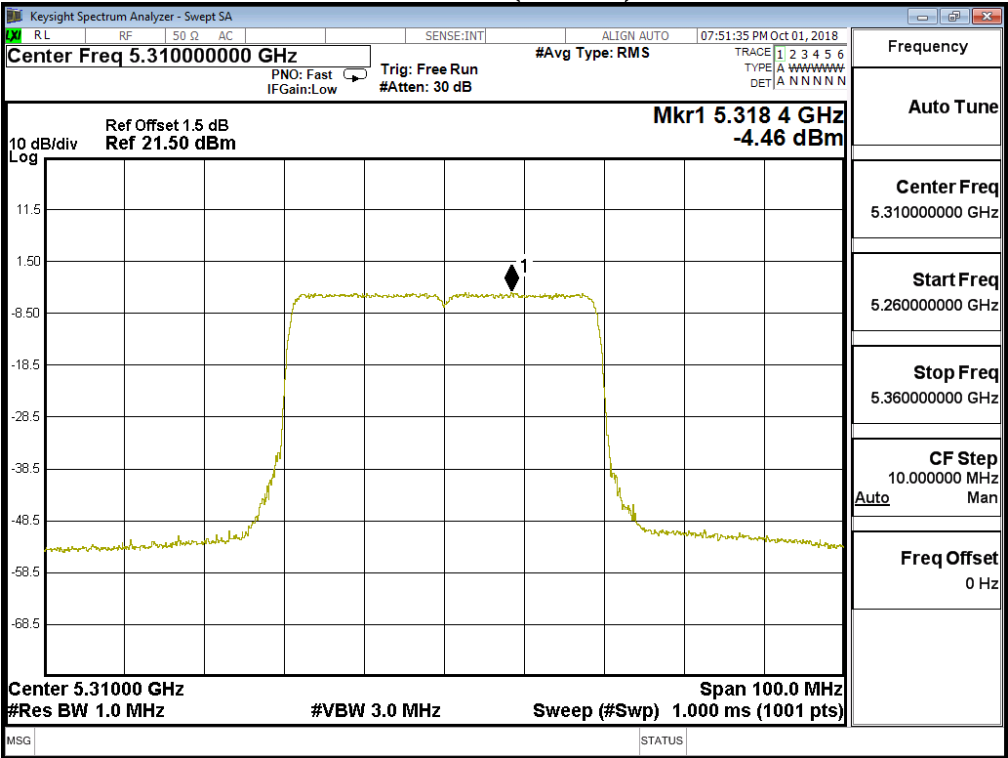
Channel 54 (Chain A)



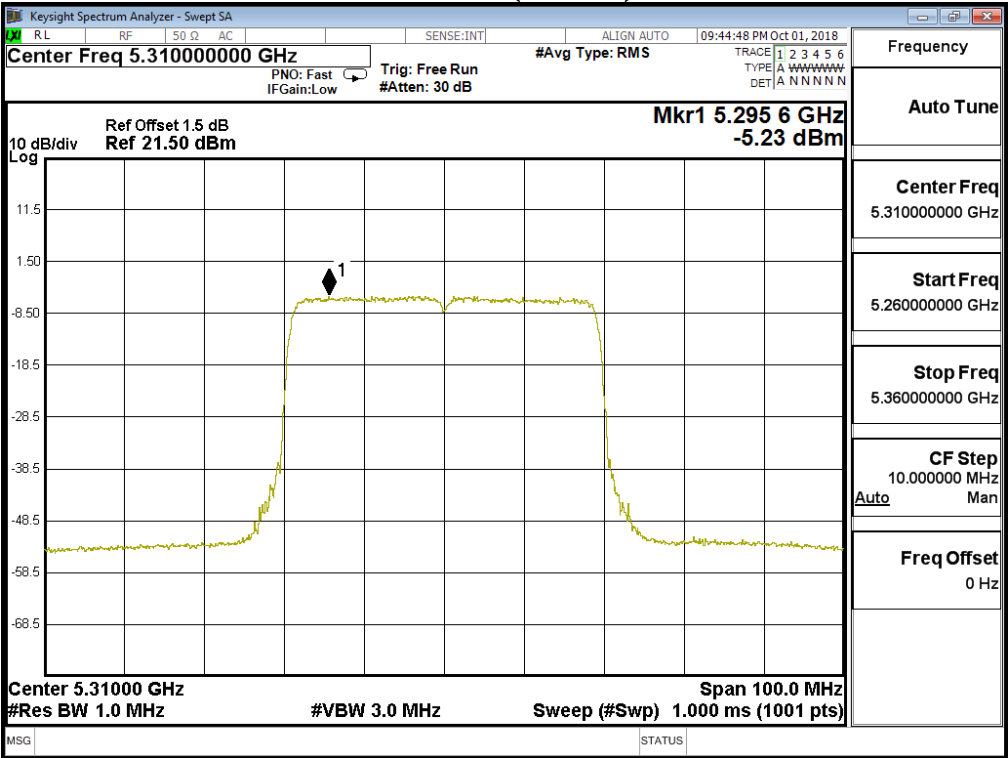
Channel 54 (Chain B)



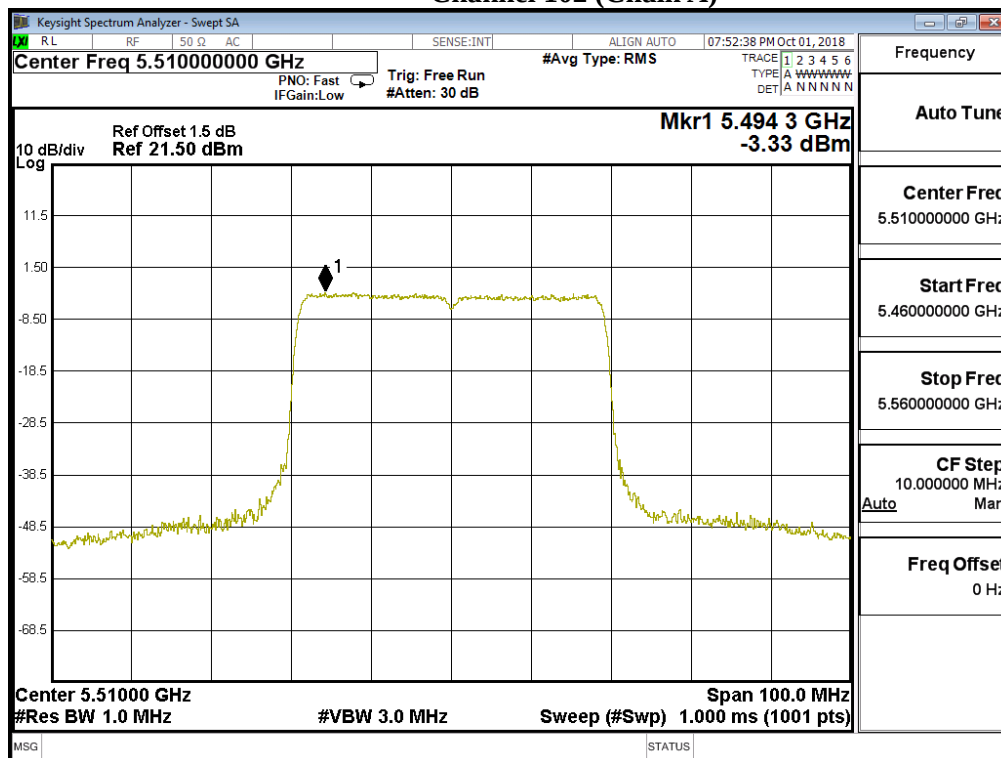
Channel 62 (Chain A)



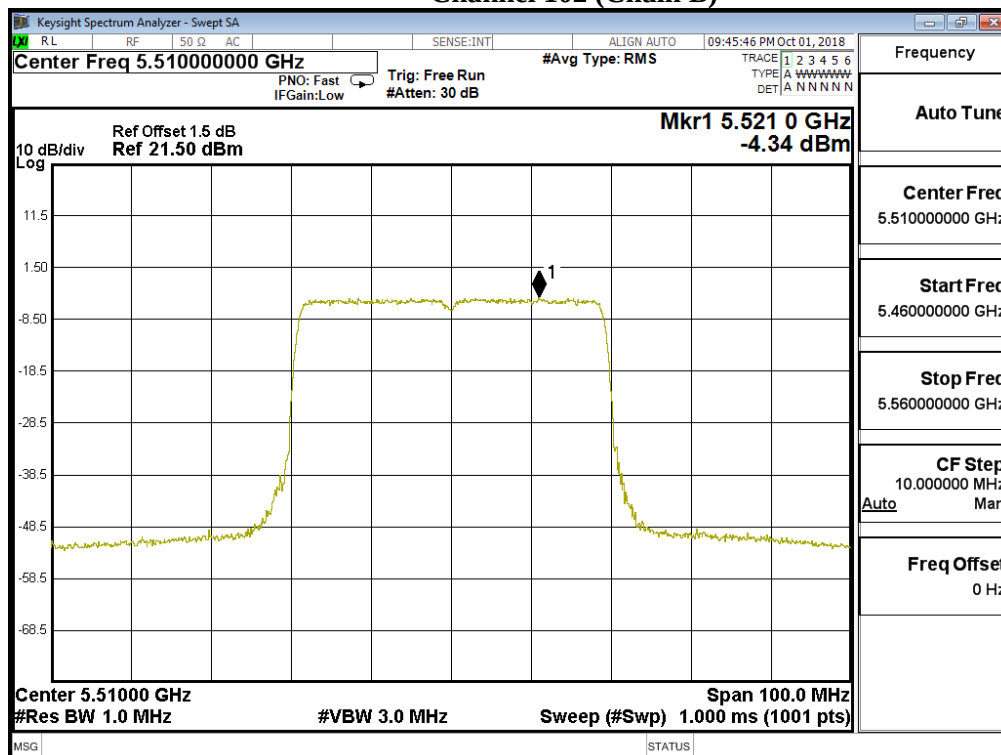
Channel 62 (Chain B)



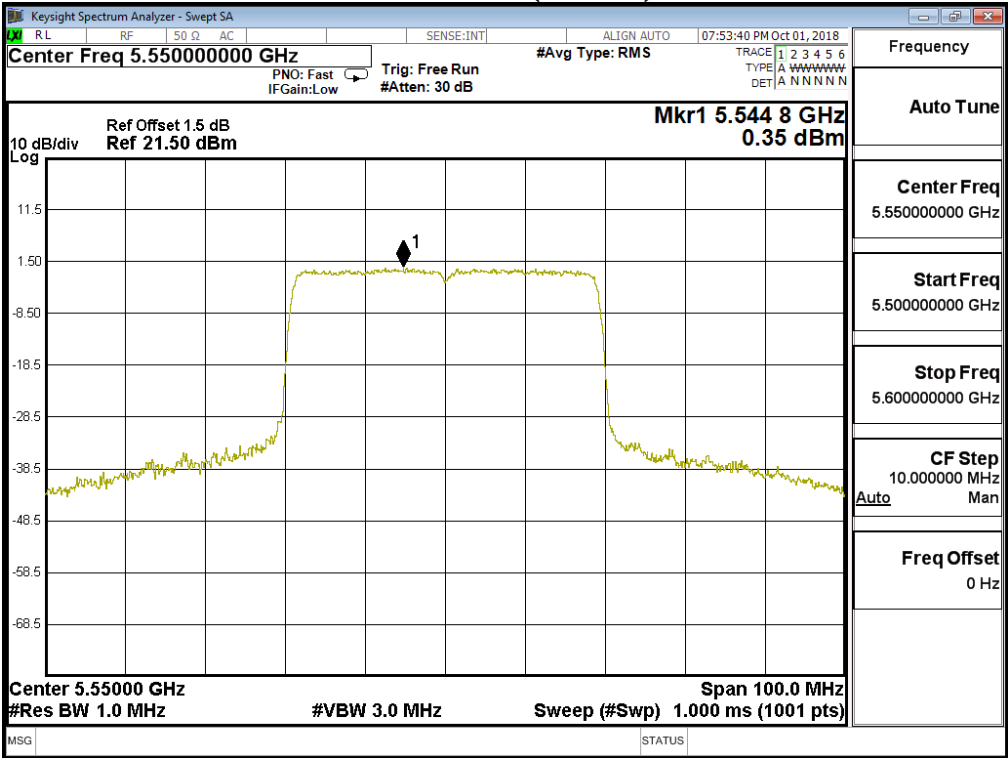
Channel 102 (Chain A)



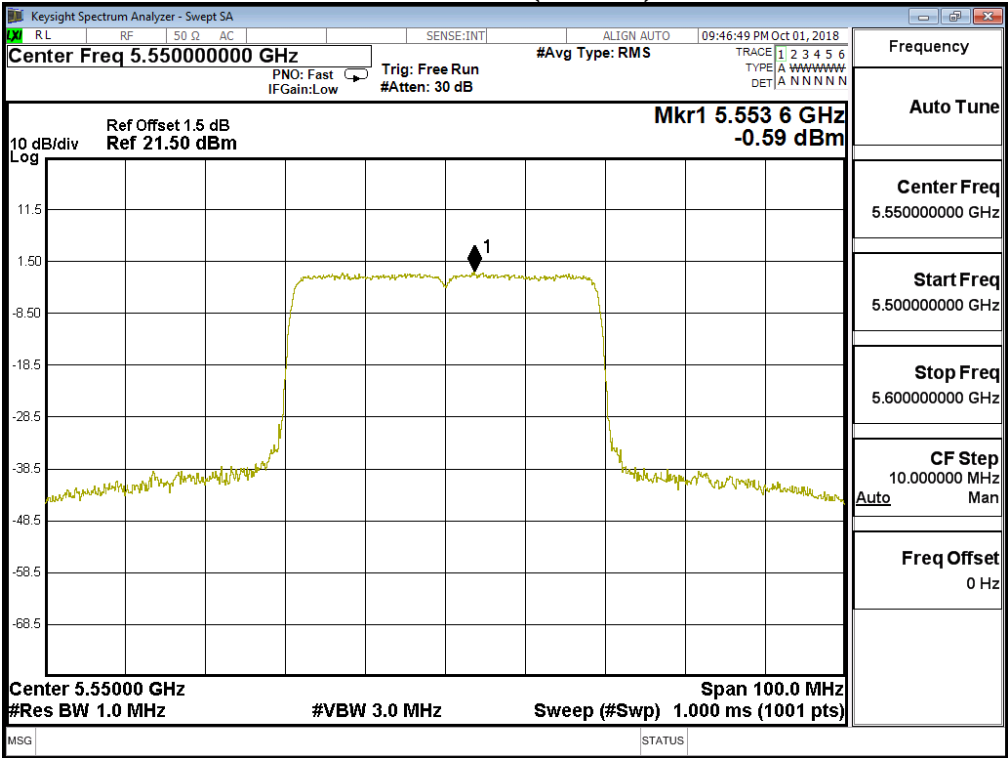
Channel 102 (Chain B)



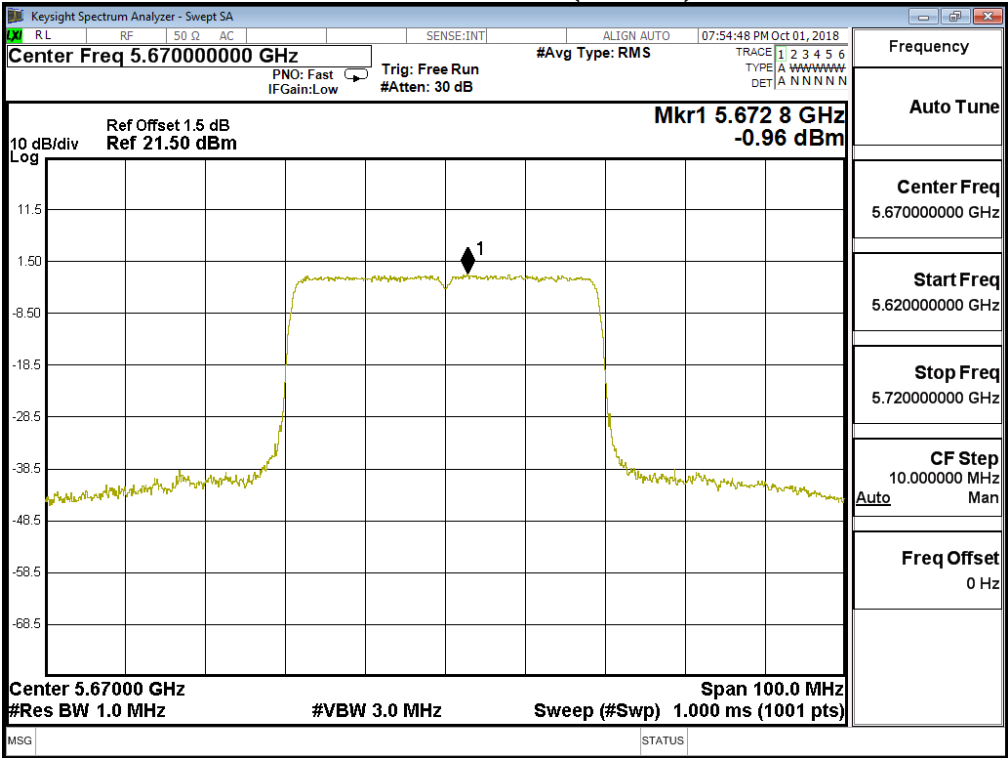
Channel 110 (Chain A)



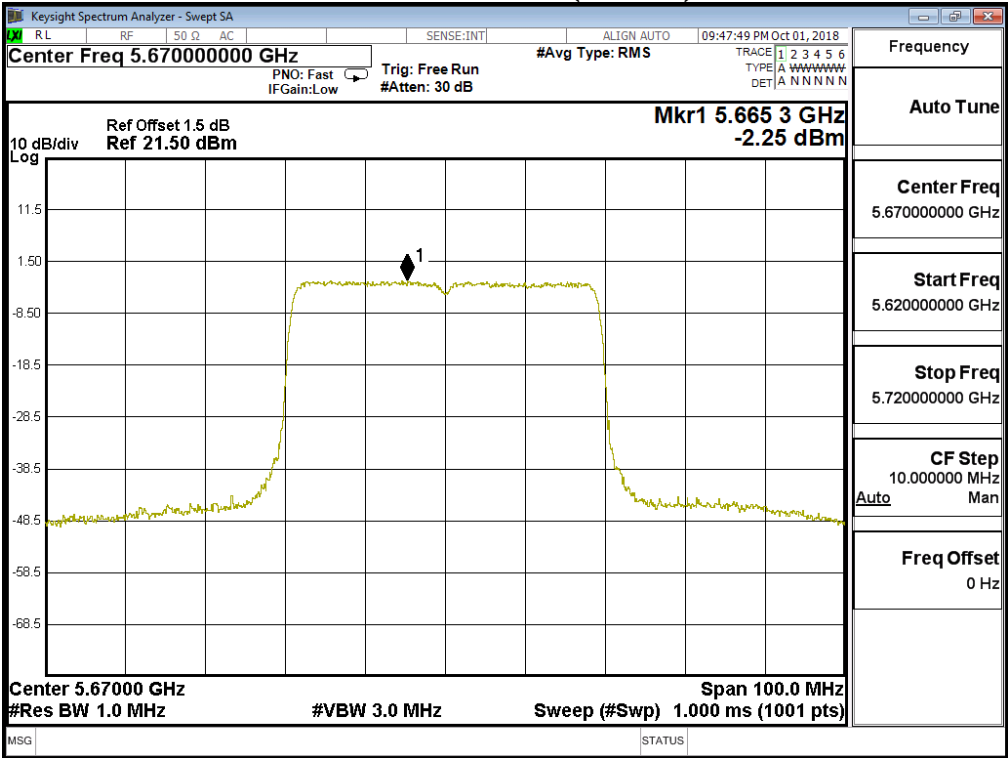
Channel 110 (Chain B)



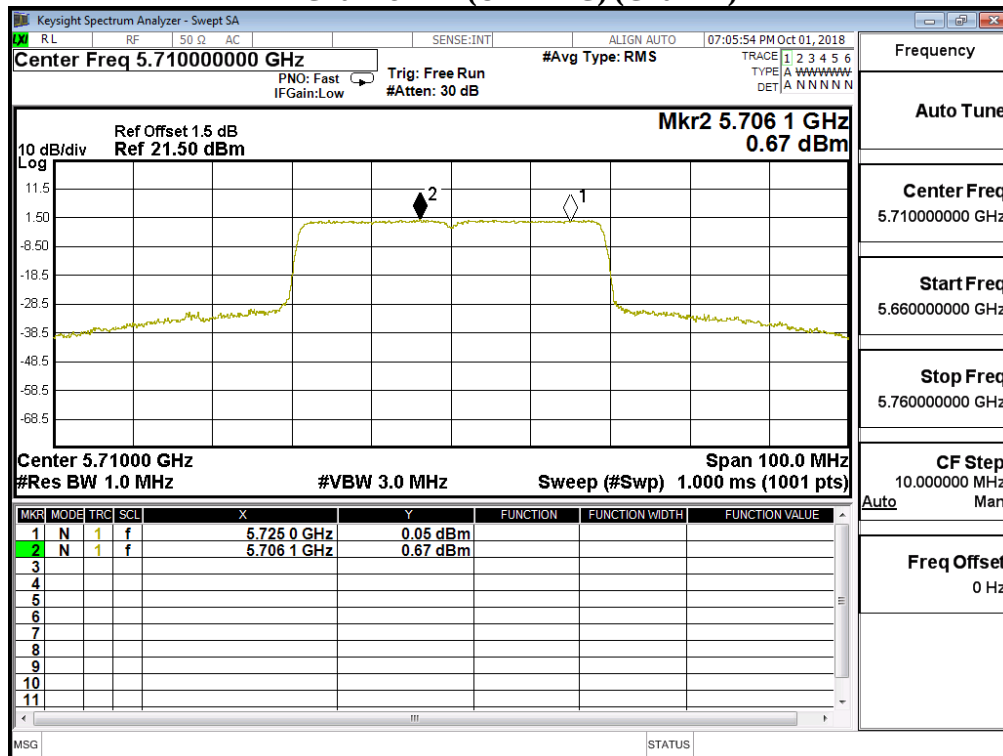
Channel 134 (Chain A)



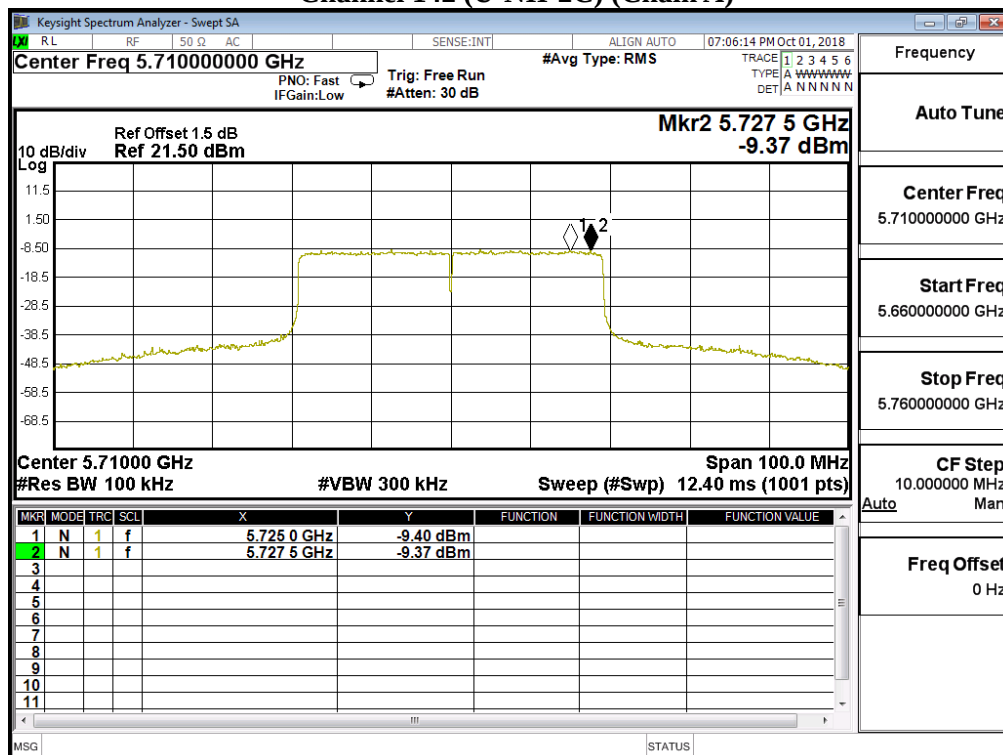
Channel 134 (Chain B)



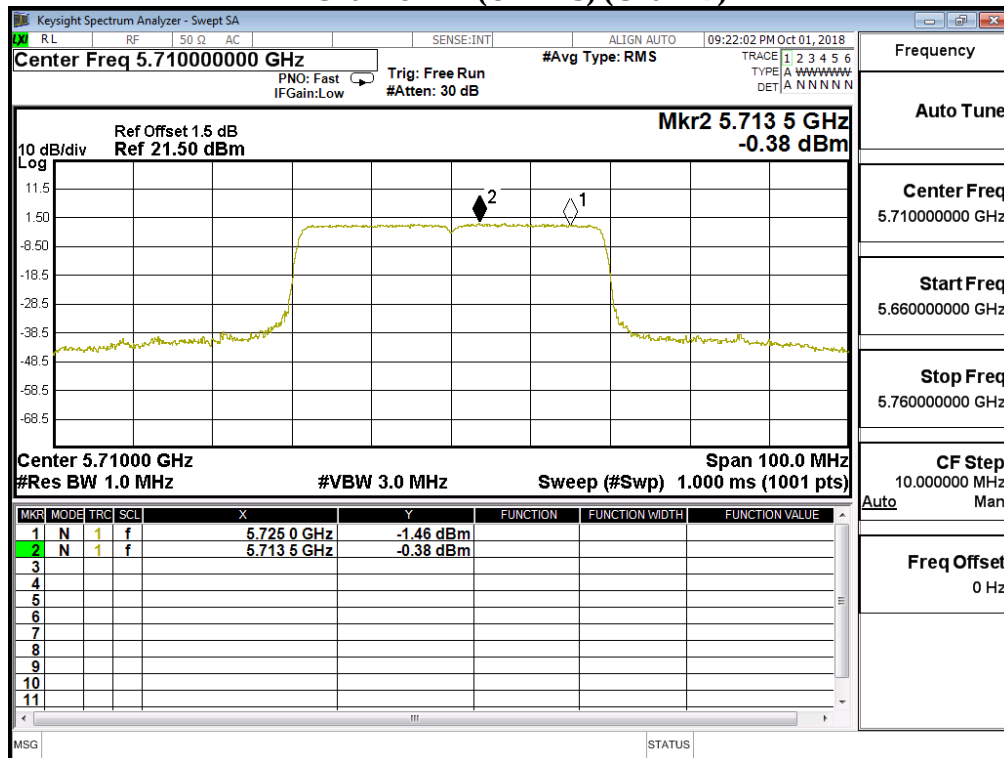
Channel 142 (U-NII-2C) (Chain A)



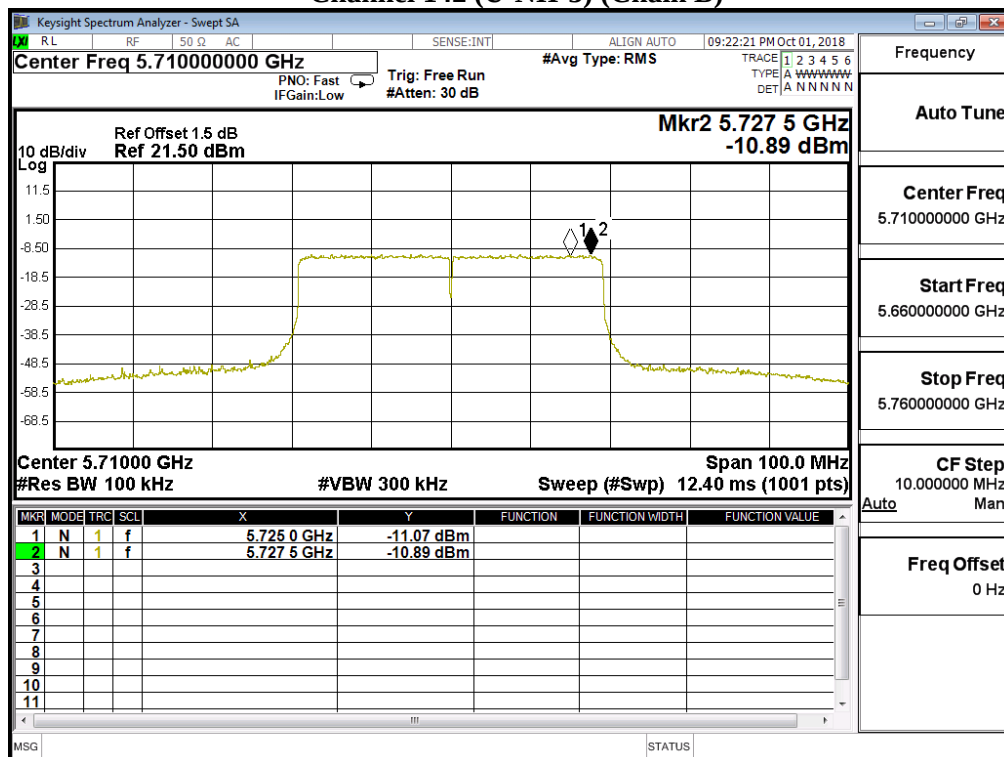
Channel 142 (U-NII-2C) (Chain A)



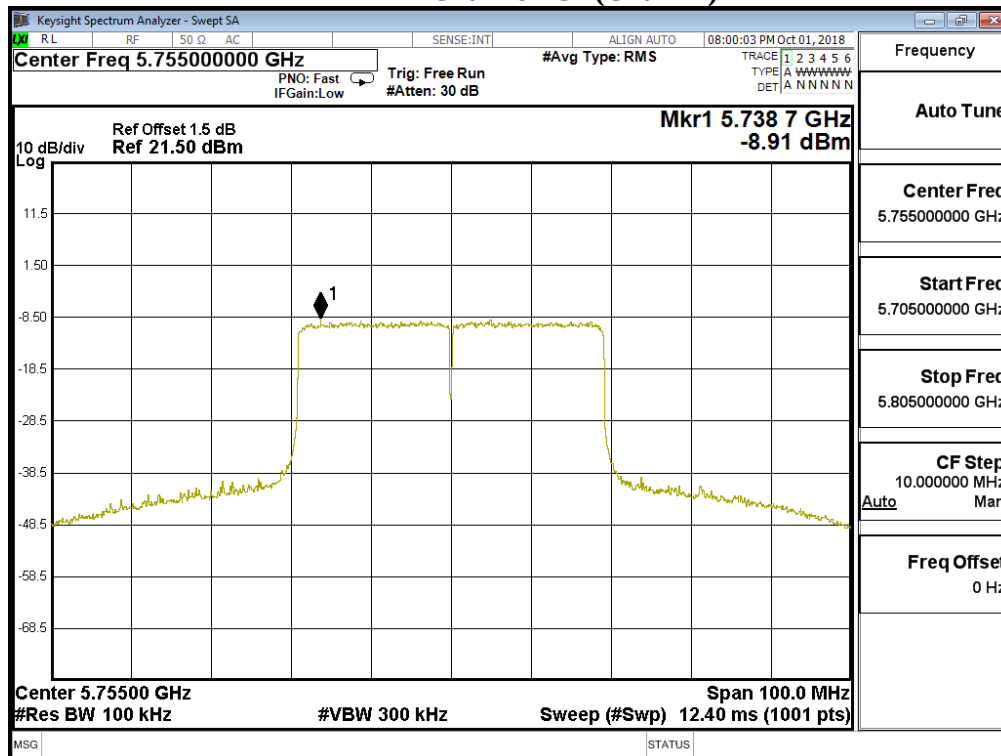
Channel 142 (U-NII-3) (Chain B)



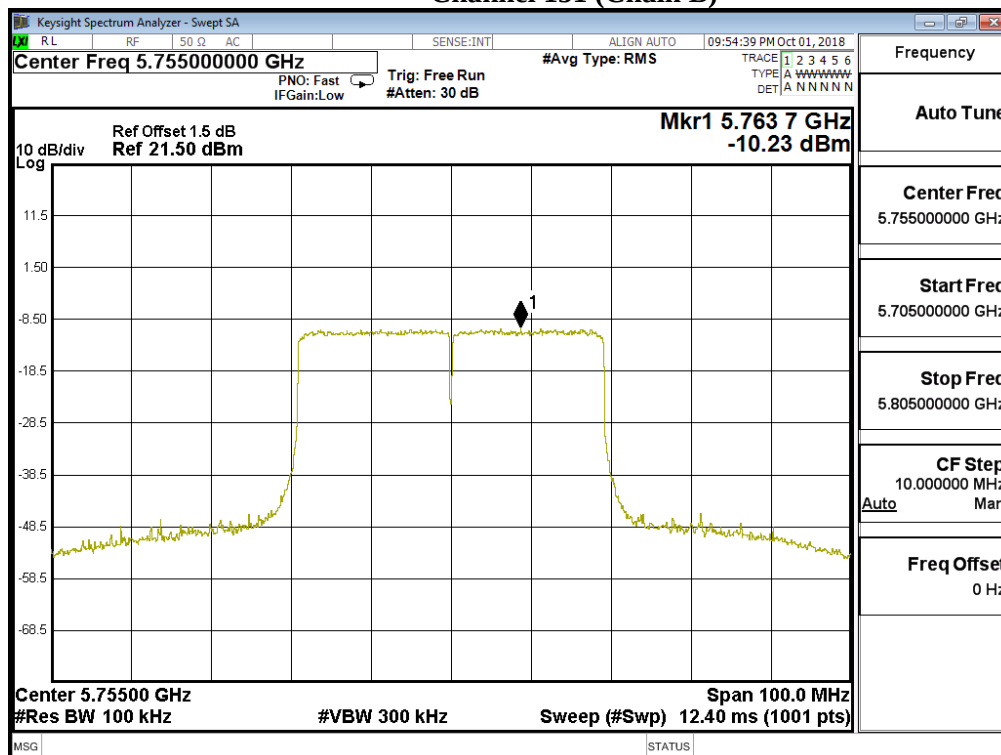
Channel 142 (U-NII-3) (Chain B)



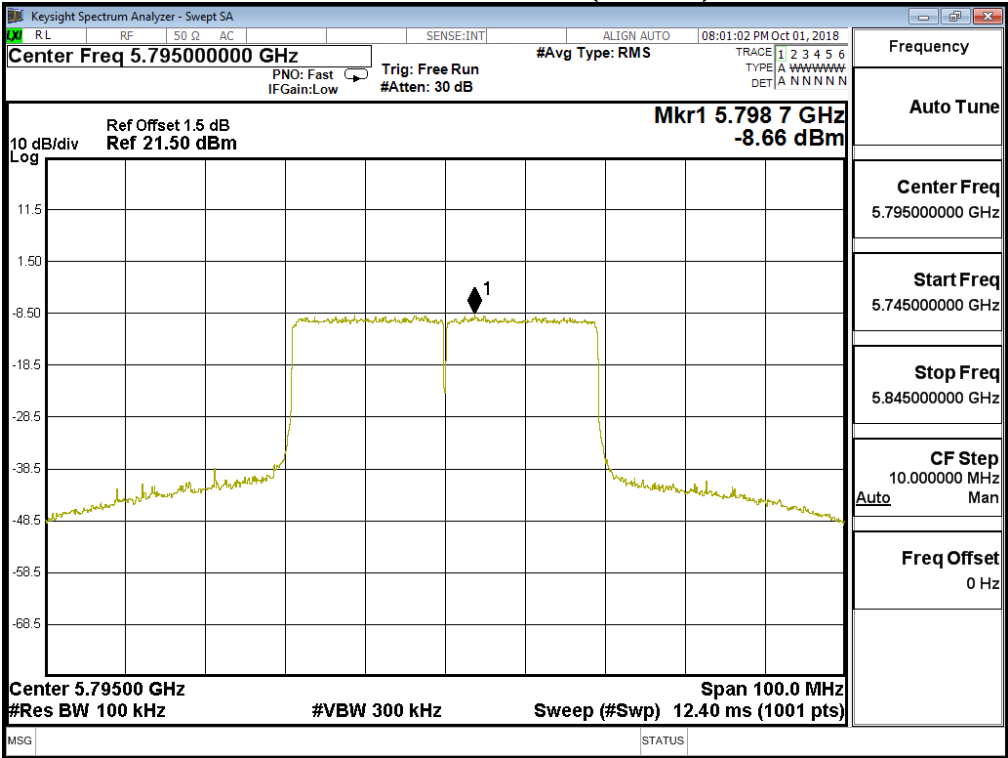
Channel 151 (Chain A)



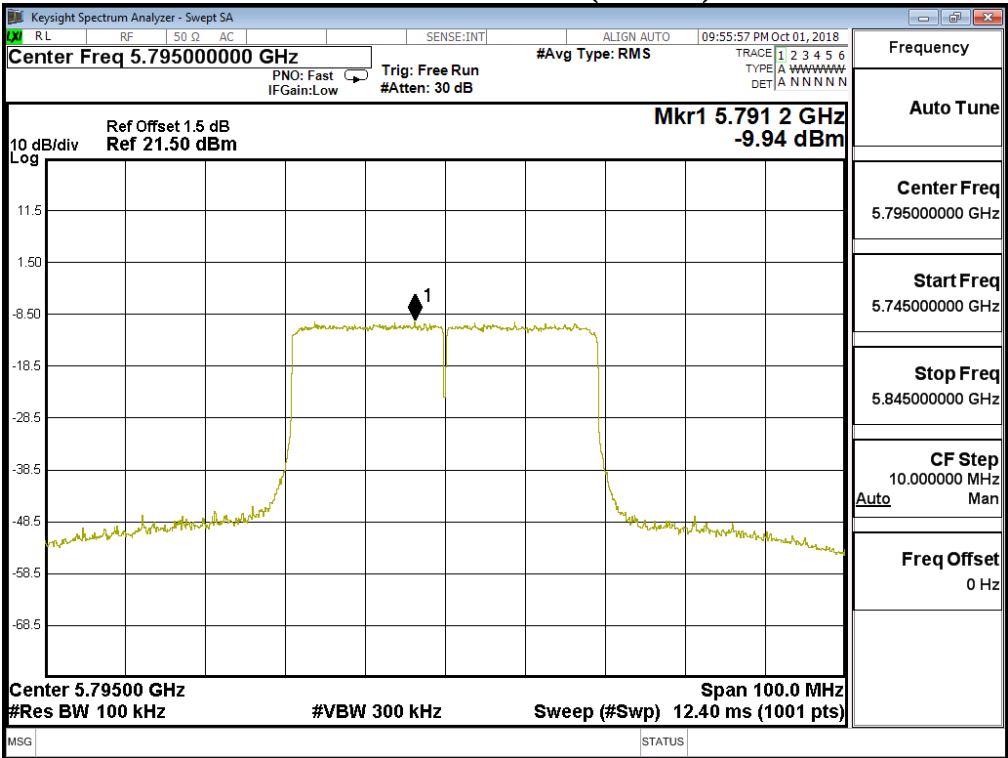
Channel 151 (Chain B)



Channel 159 (Chain A)



Channel 159 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：107 年 10 月 03 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 發射器 802.11ax-80BW

視頻頻寬：3MHz

環境溫度：21 °C

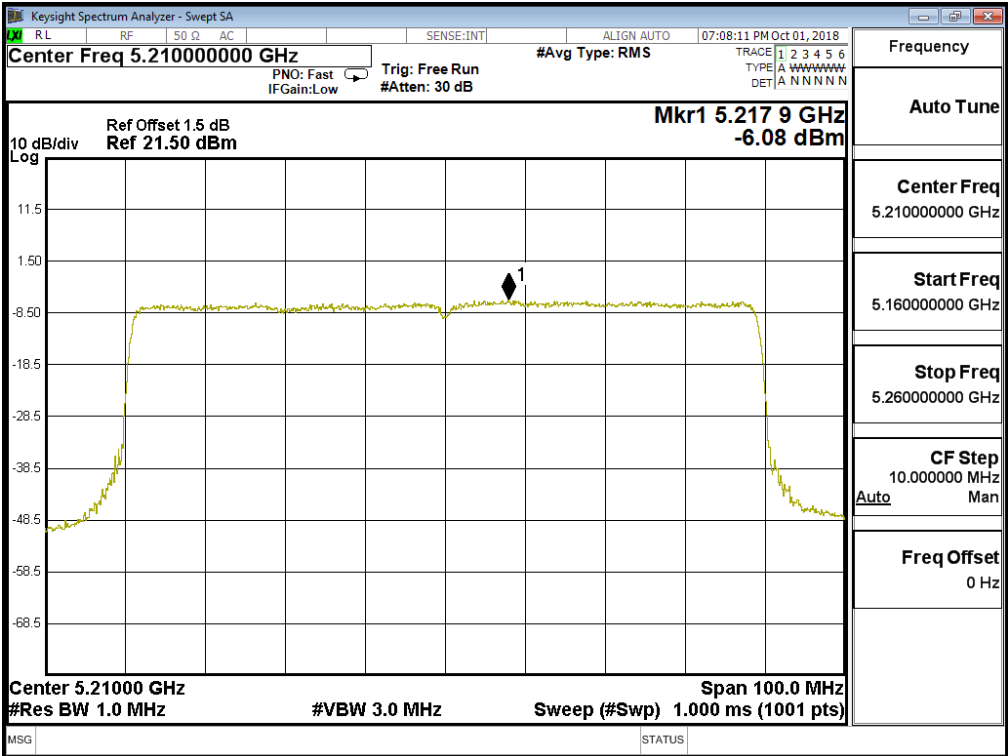
環境濕度：53 %

Channel Number	Frequency (MHz)	Chain (dBm)	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
42	5210	A	-6.080	--	-3.070	<11	Pass
		B	-6.700	--	-3.690	<11	Pass
58	5290	A	-6.490	--	-3.480	<11	Pass
		B	-6.730	--	-3.720	<11	Pass
106	5530	A	-6.720	--	-3.710	<11	Pass
		B	-6.820	--	-3.810	<11	Pass
122	5610	A	-3.350	--	-0.340	<11	Pass
		B	-3.600	--	-0.590	<11	Pass
138 (U-NII-2C)	5690	A	-3.440	--	-0.430	<11	Pass
		B	-3.210	--	-0.200	<11	Pass
138 (U-NII-3)	5690	A	-13.050	6.98	-3.060	<30	Pass
		B	-13.370	6.98	-3.380	<30	Pass
155	5775	A	-13.800	6.98	-3.810	<30	Pass
		B	-13.780	6.98	-3.790	<30	Pass

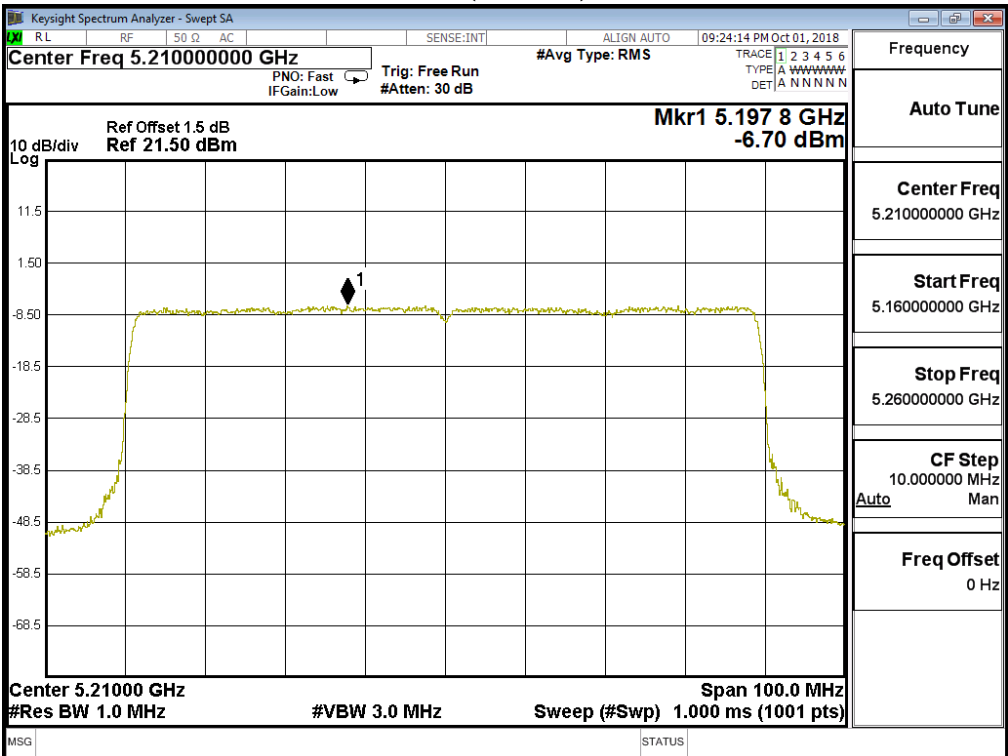
Note:

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

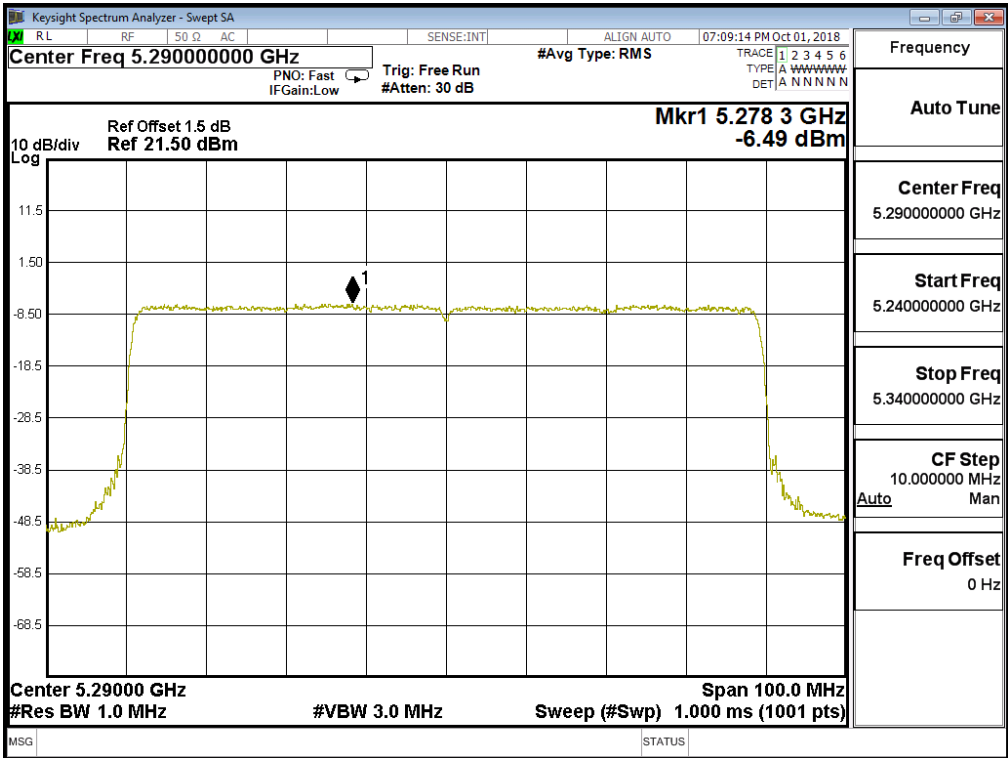
Channel 42 (Chain A)



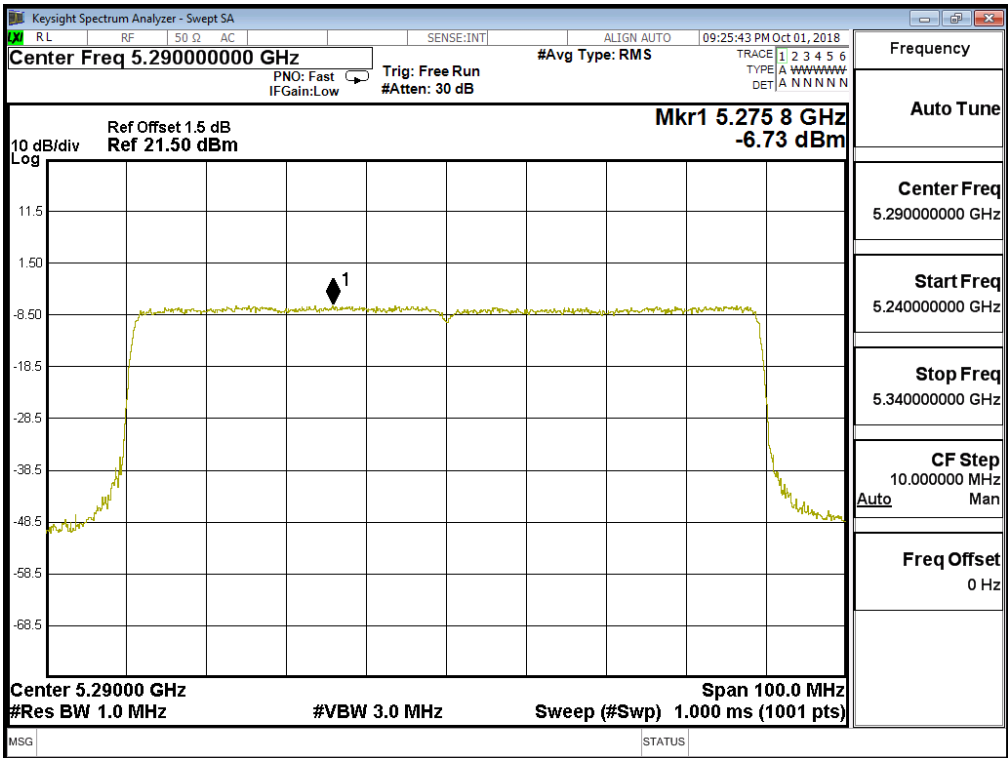
Channel 42 (Chain B)



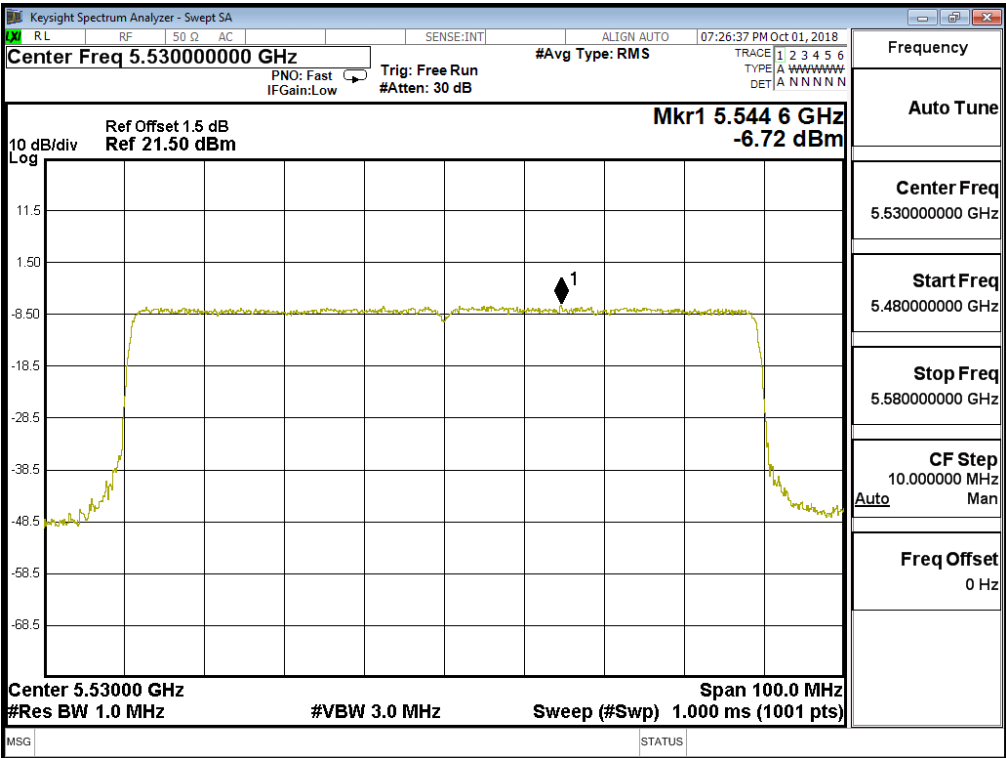
Channel 58 (Chain A)



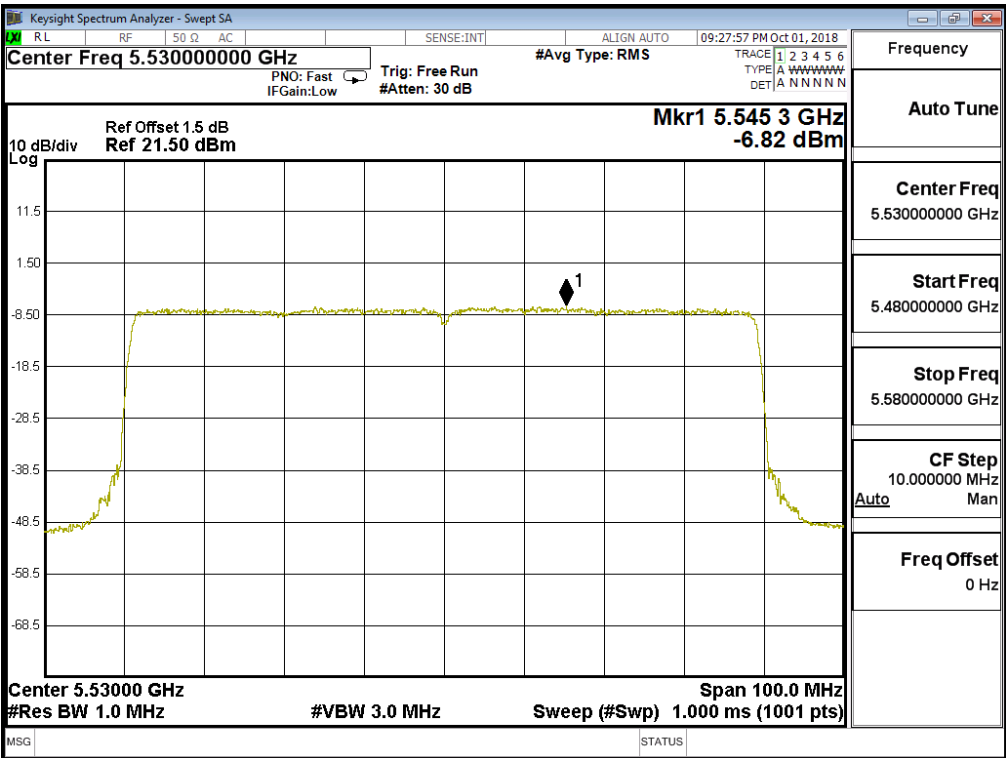
Channel 58 (Chain B)



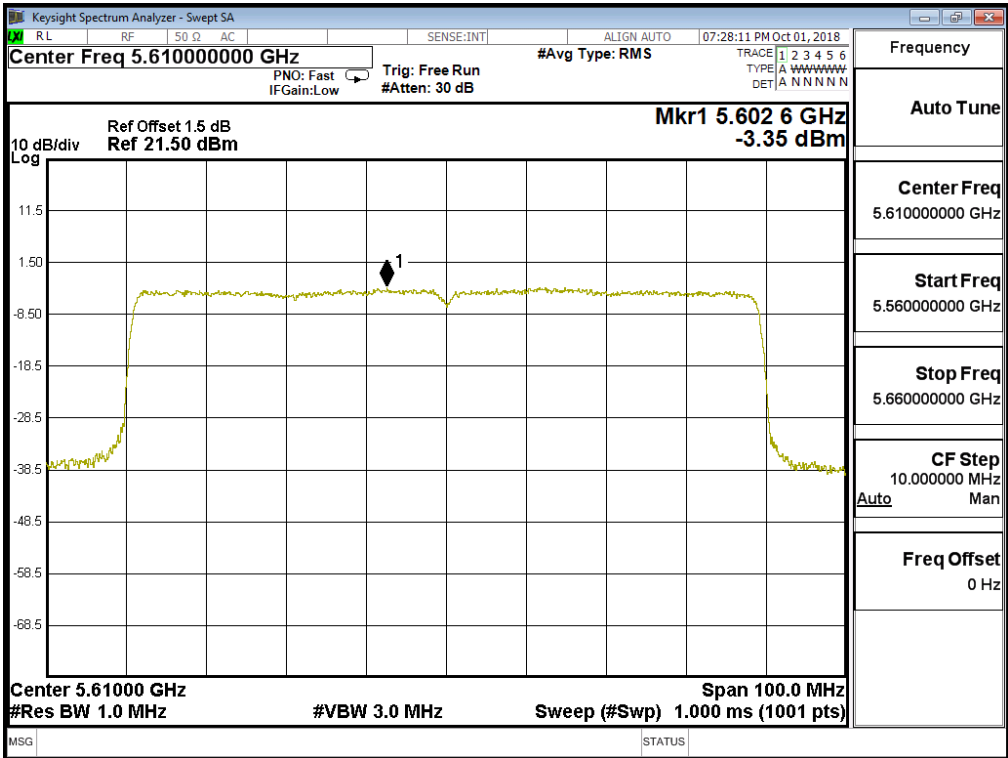
Channel 106 (Chain A)



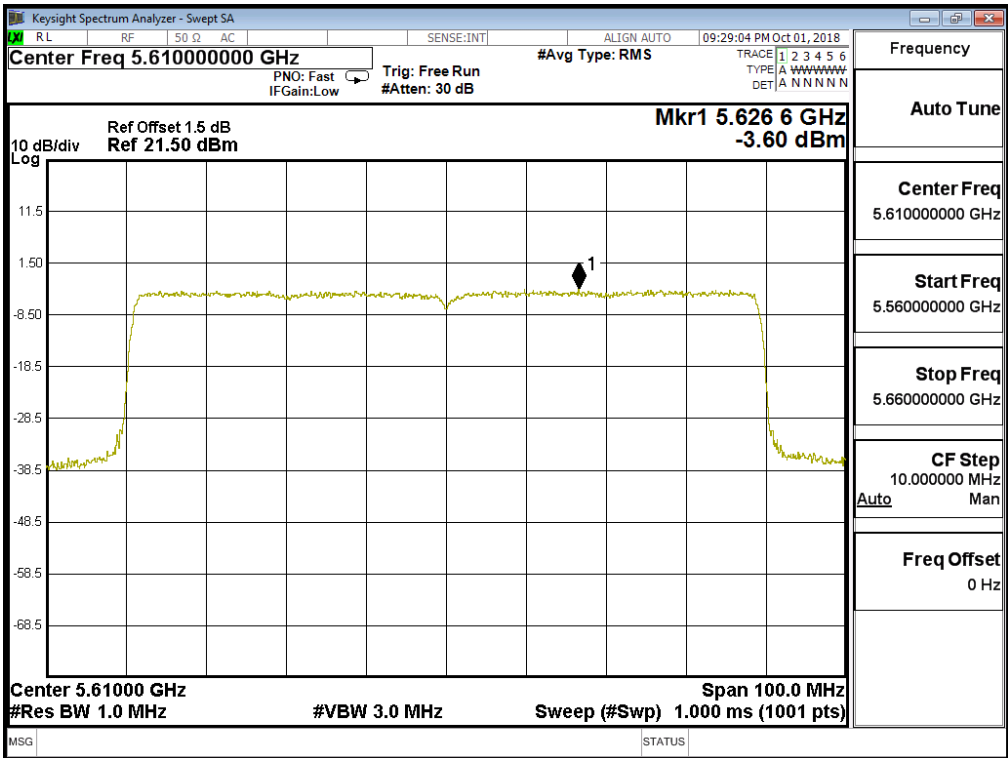
Channel 106 (Chain B)



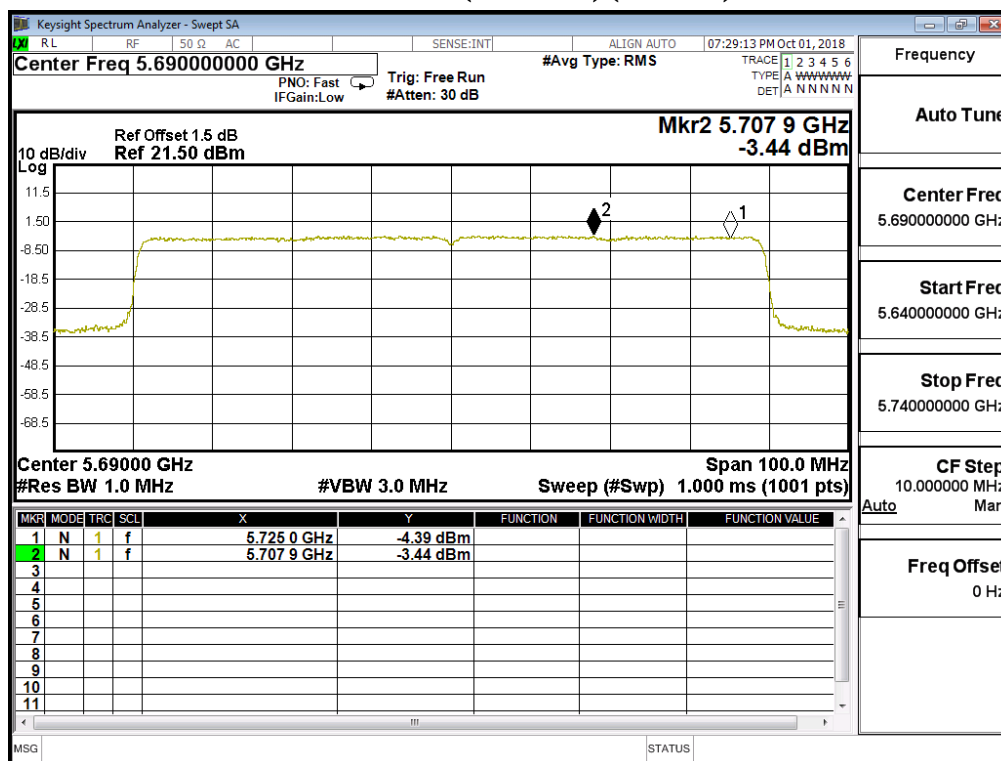
Channel 122 (Chain A)



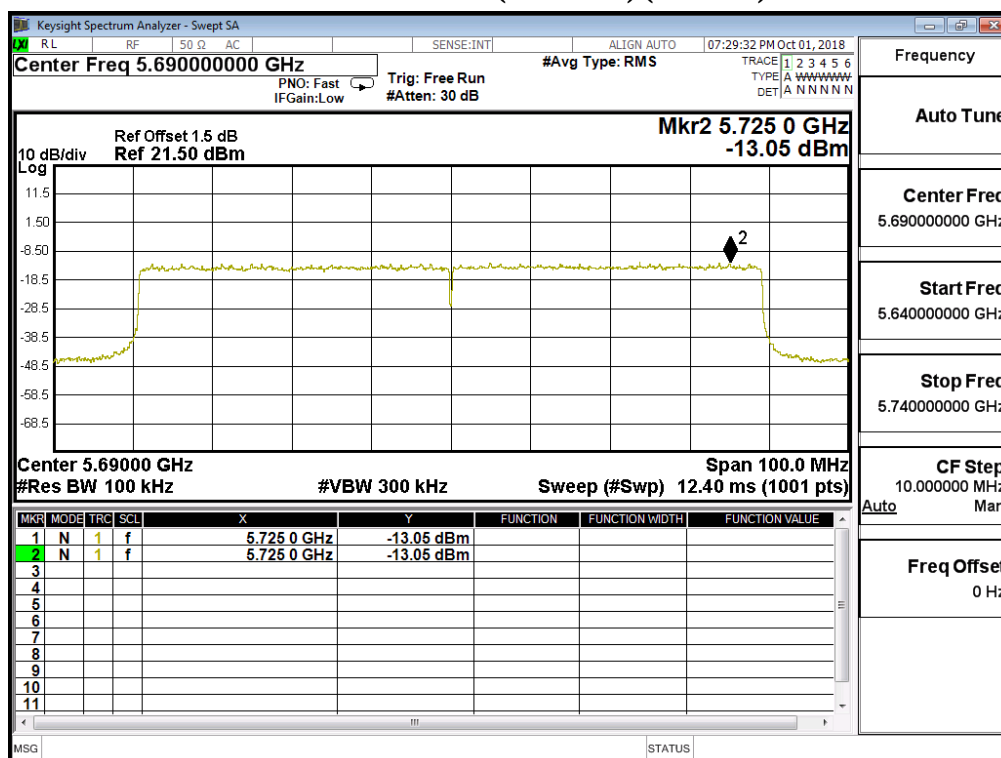
Channel 122 (Chain B)



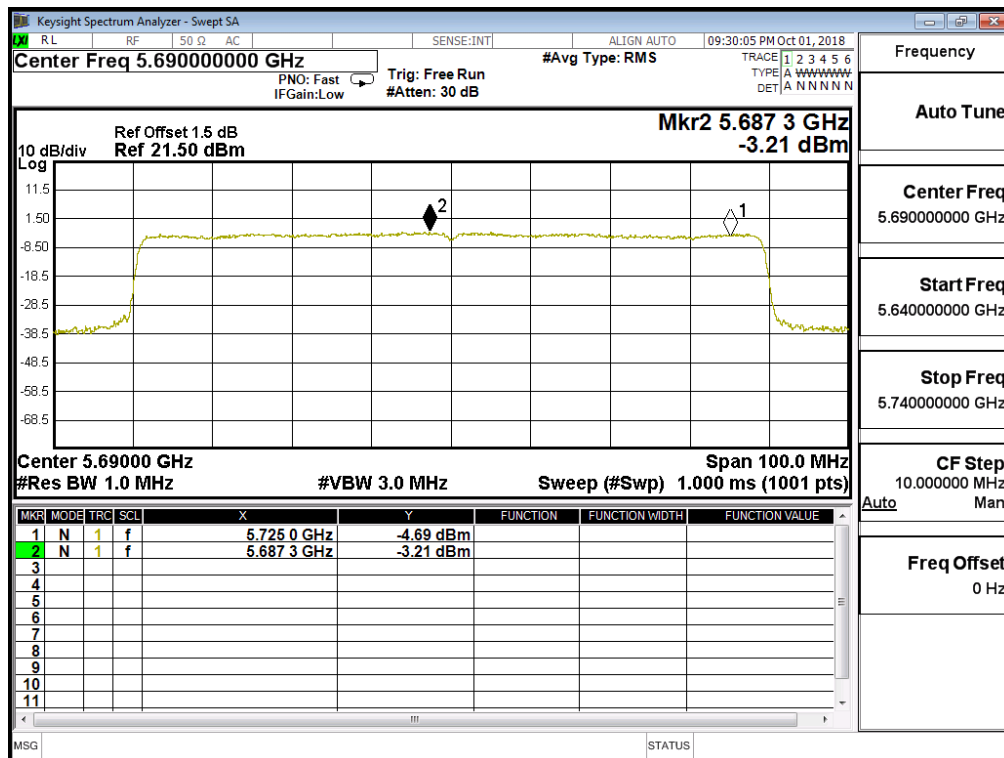
Channel 138 (U-NII-2C) (Chain A)



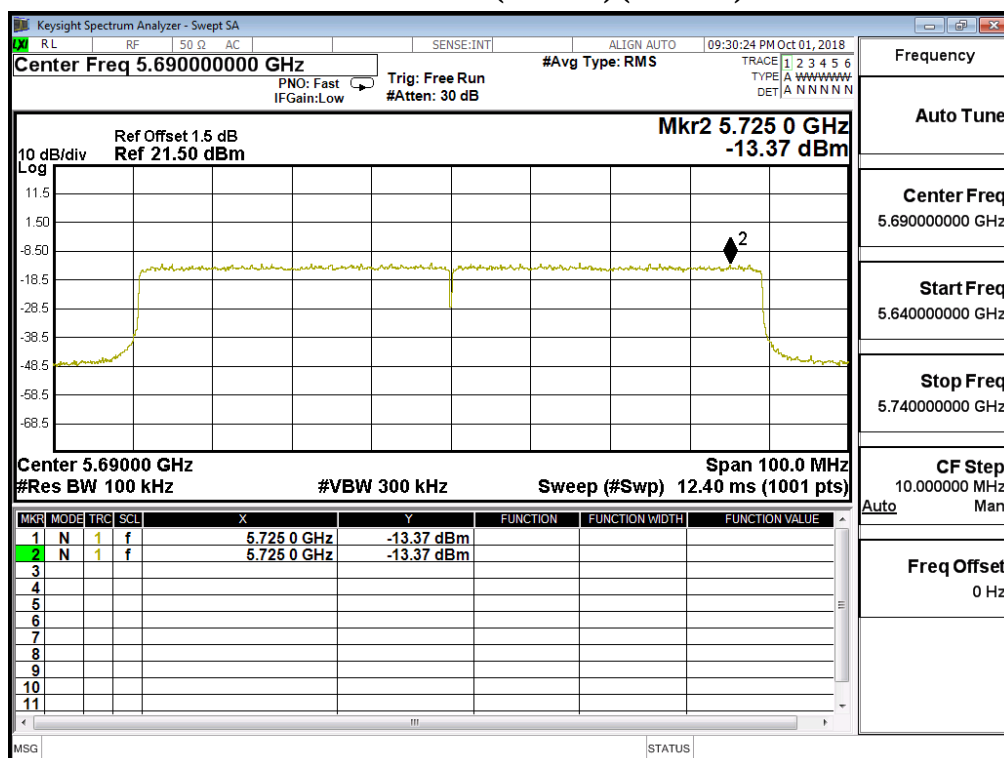
Channel 138 (U-NII-2C) (Chain A)



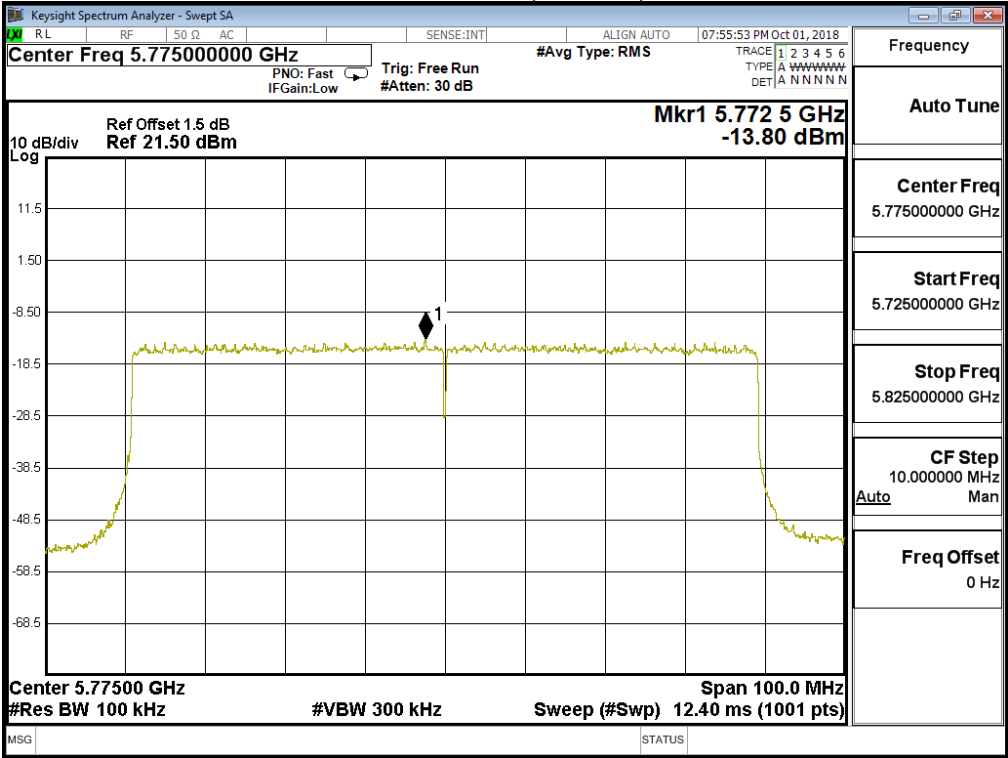
Channel 138 (U-NII-3) (Chain B)



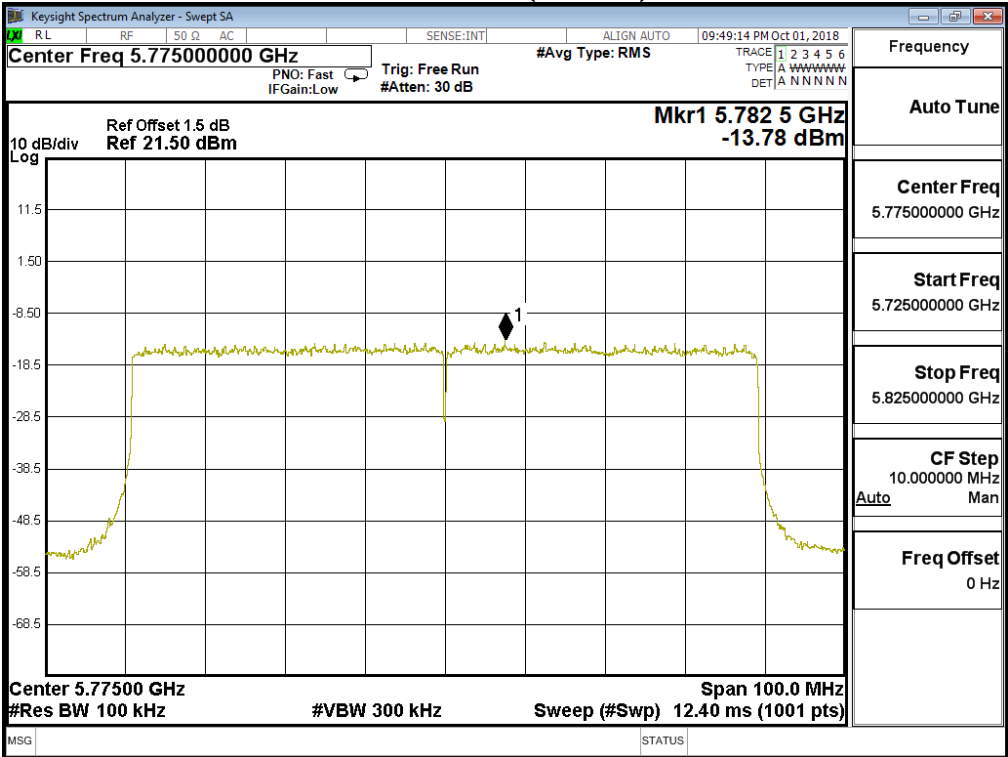
Channel 138 (U-NII-3) (Chain B)



Channel 155 (Chain A)



Channel 155 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：107 年 10 月 03 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 發射器 802.11ax-160BW

視頻頻寬：3MHz

環境溫度：21 °C

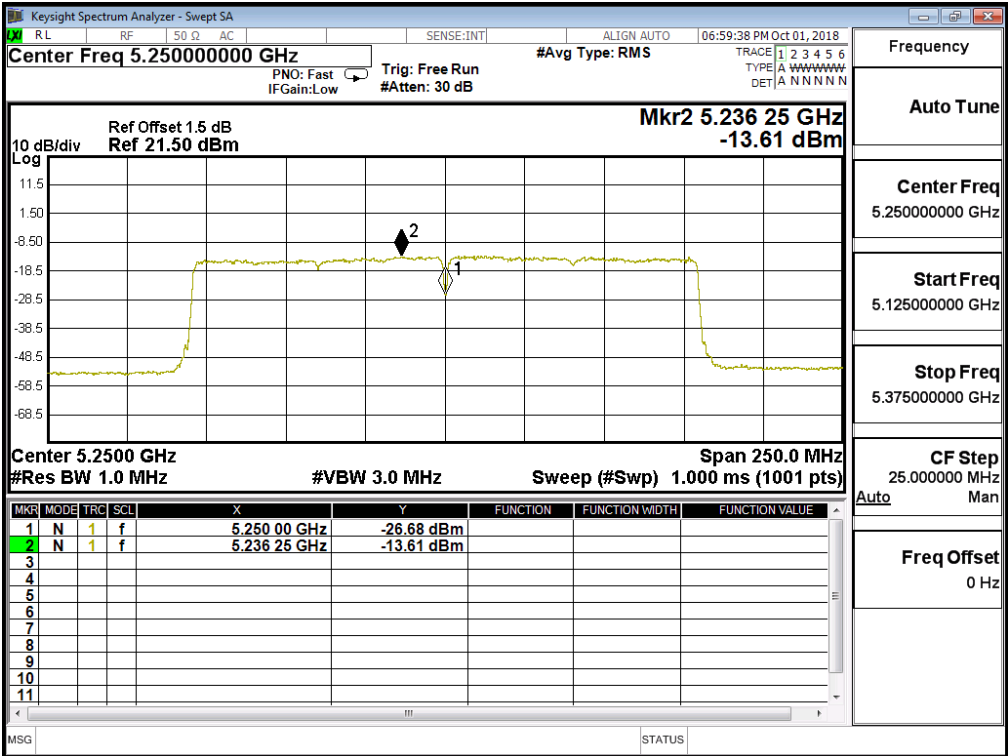
環境濕度：53 %

Channel Number	Frequency (MHz)	Chain (dBm)	PPSD (dBm)	Total PPSD (dBm)	Required Limit (dBm)	Result
50	5250	A	-13.610	-10.600	<11	Pass
		B	-13.680	-10.670	<11	Pass
114	5570	A	-13.330	-10.320	<11	Pass
		B	-12.980	-9.970	<11	Pass

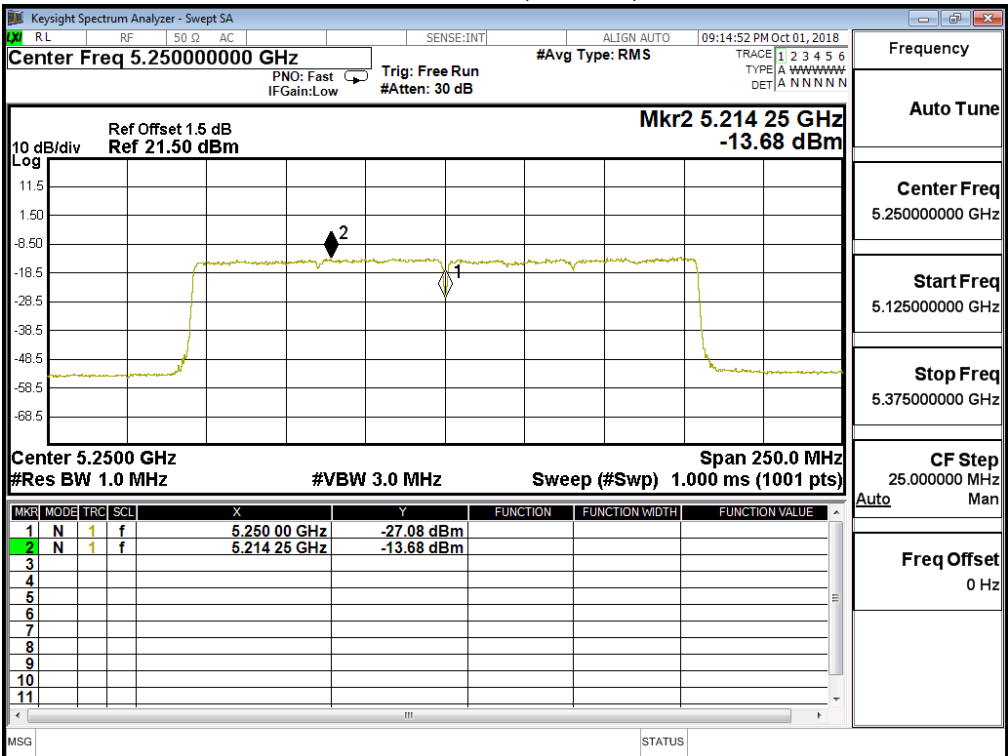
Note:

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

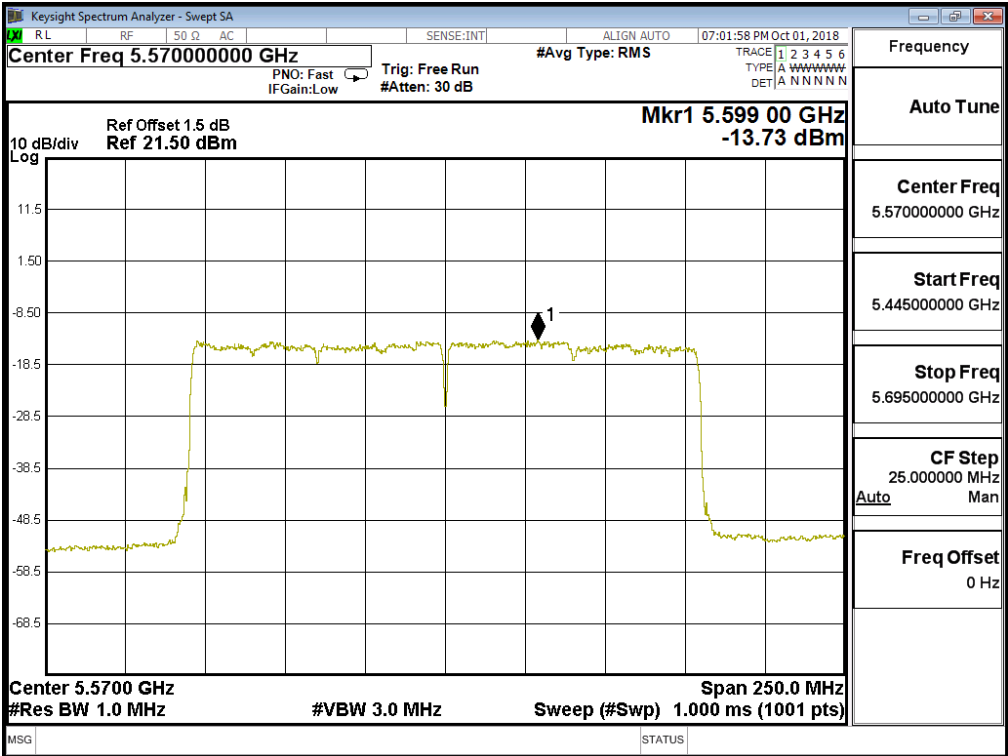
Channel 50 (Chain A)



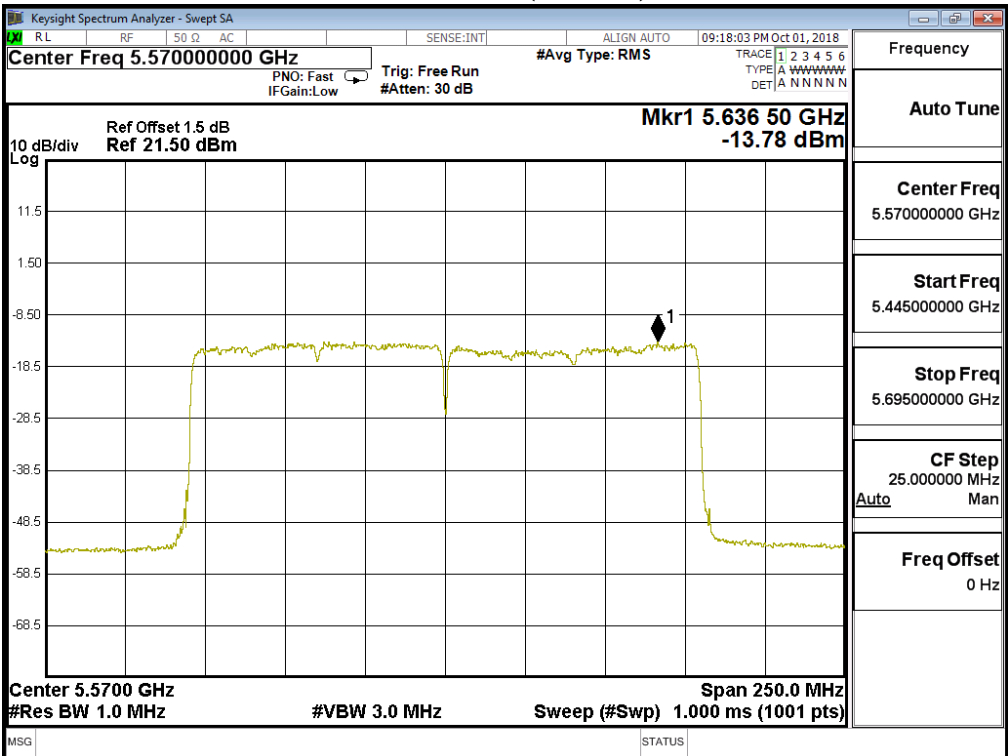
Channel 50 (Chain B)



Channel 114 (Chain A)



Channel 114 (Chain B)



峰值功率頻譜密度測試結果:

PASS

7. 操作頻帶外的峰值發射

7.1. 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 4.7.4 節：

4.7.4.1 在 5.15 GHz~5.35 GHz 及 5.470 GHz~5.725 GHz 頻帶操作的發射器：帶外發射之有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz。

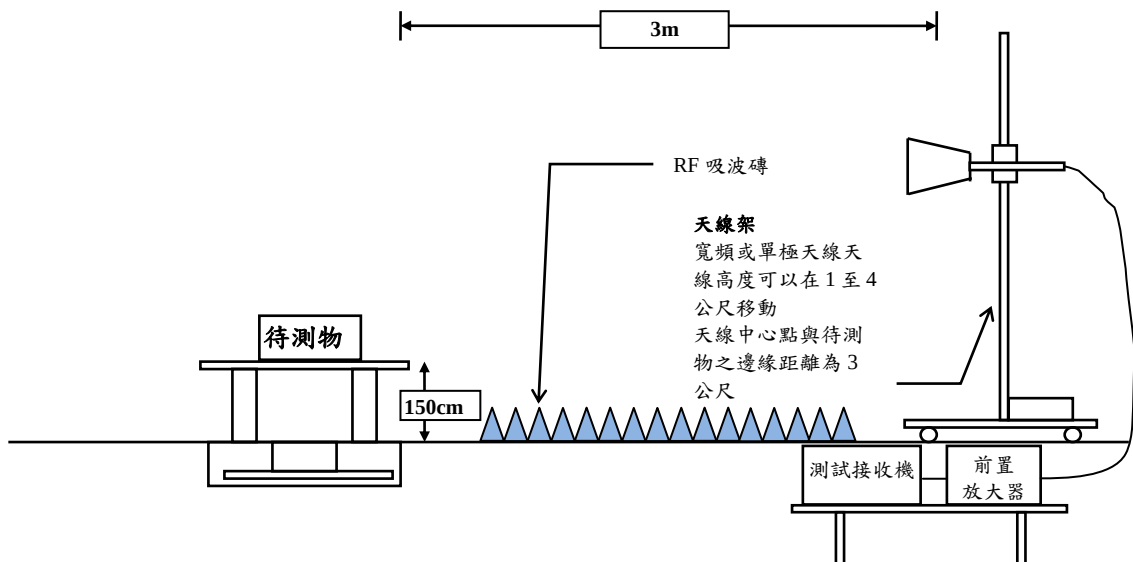
4.7.4.2 在 5.725 GHz~5.850 GHz 的頻帶操作之發射器：所有頻帶邊緣向外 5 MHz 內頻率之發射，有效等向輻射功率(EIRP) $\leq$ 27 dBm/MHz~15.6 dBm/MHz (以線性增加法計算對應之限制值)；所有頻帶邊緣向外 5 MHz~25 MHz，有效等向輻射功率(EIRP) $\leq$ 15.6 dBm/MHz~10 dBm/MHz (以線性增加法計算對應之限制值)；所有頻帶邊緣外 25 MHz~75 MHz，有效等向輻射功率(EIRP) $\leq$ 10 dBm/MHz~-27 dBm/MHz (以線性增加法計算對應之限制值)；所有頻帶邊緣外 $\geq$ 75 MHz 的頻率之發射，有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz。

7.2. 量測方法

待測物置於高 150 公分之非導體桌面（落地型產品置於地上），桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以頻譜分析儀量測待測物之最大輻射電場強度，在將待測物置換成替代天線並連接到信號產生器上，調整接收天線上的信號產生器之輸出位準，使頻譜分析儀上之電場強度與之前待測物的最大電場強度相同，紀錄此輸出位準並應於水平及垂直極化方向各量測一次。

待測物應在正常發射狀態下量測。

7.3. 測試架構圖



7.4. 量測不確定度

此項測試之量測不確定度 1GHz 以上為 ± 4.08 dB

1GHz 以下為 ± 4.22 dB

7.5. 操作頻帶外的峰值發射測試結果

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 100 (5500 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11a

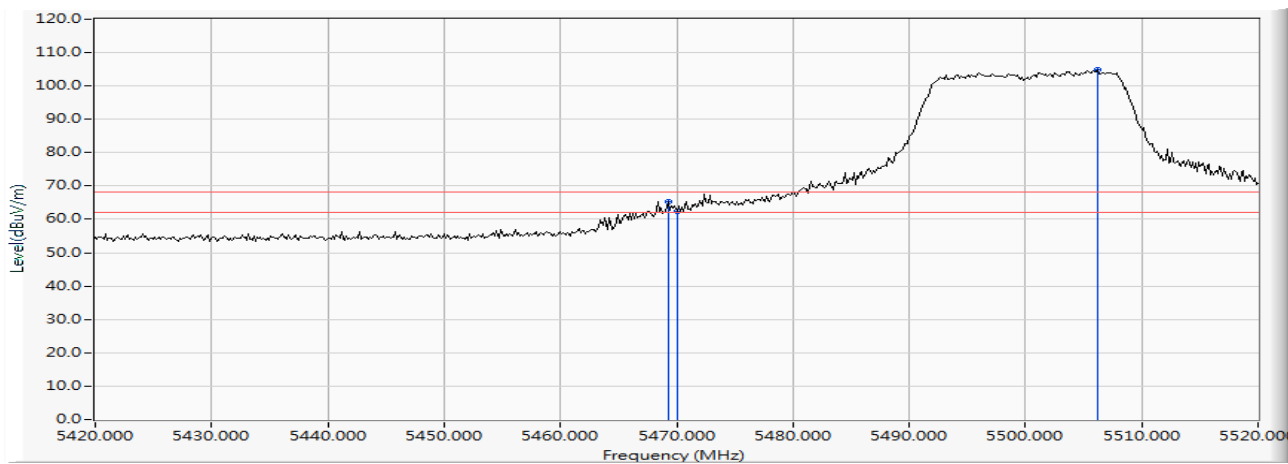
視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5469.275	11.829	53.627	65.456	-2.764	68.220	Pass
Horizontal	5470.000	11.838	50.714	62.552	-5.668	68.220	Pass
Horizontal	5506.232	12.193	92.583	104.777	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 100 (5500 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11a

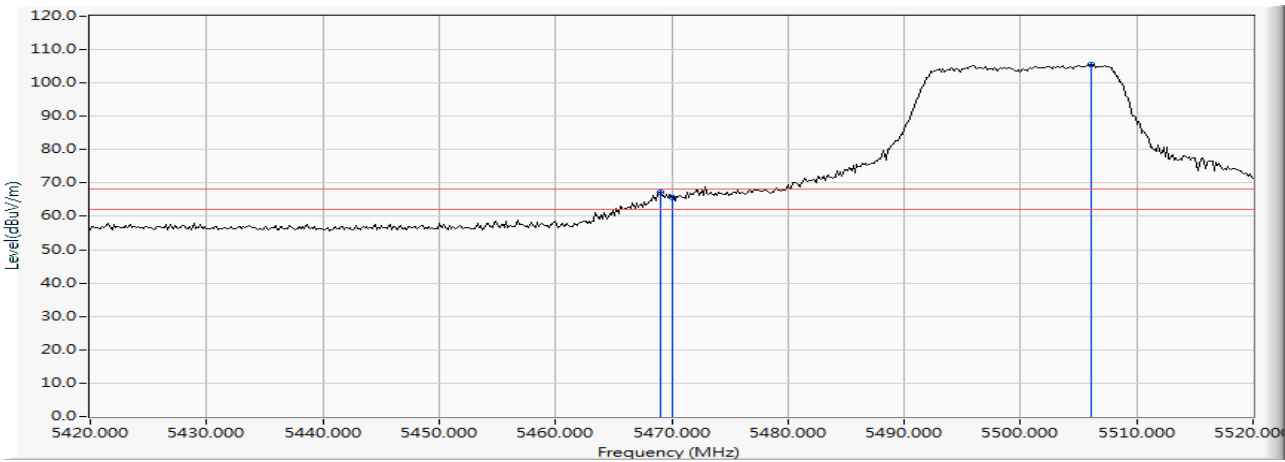
視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Result
Vertical	5468.986	13.454	53.869	67.324	-0.896	68.220	Pass
Vertical	5470.000	13.462	52.259	65.721	-2.499	68.220	Pass
Vertical	5506.087	13.638	91.950	105.588	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 140 (5700 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11a

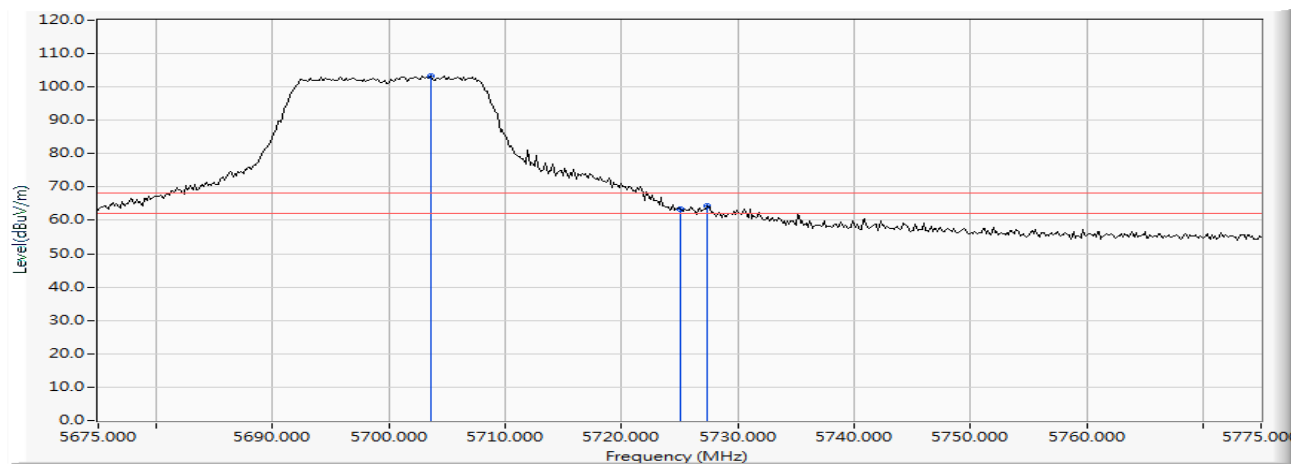
視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5703.551	11.646	91.680	103.325	--	--	--
Horizontal	5725.000	11.592	51.835	63.427	-4.793	68.220	Pass
Horizontal	5727.319	11.585	52.687	64.272	-3.948	68.220	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 140 (5700 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11a

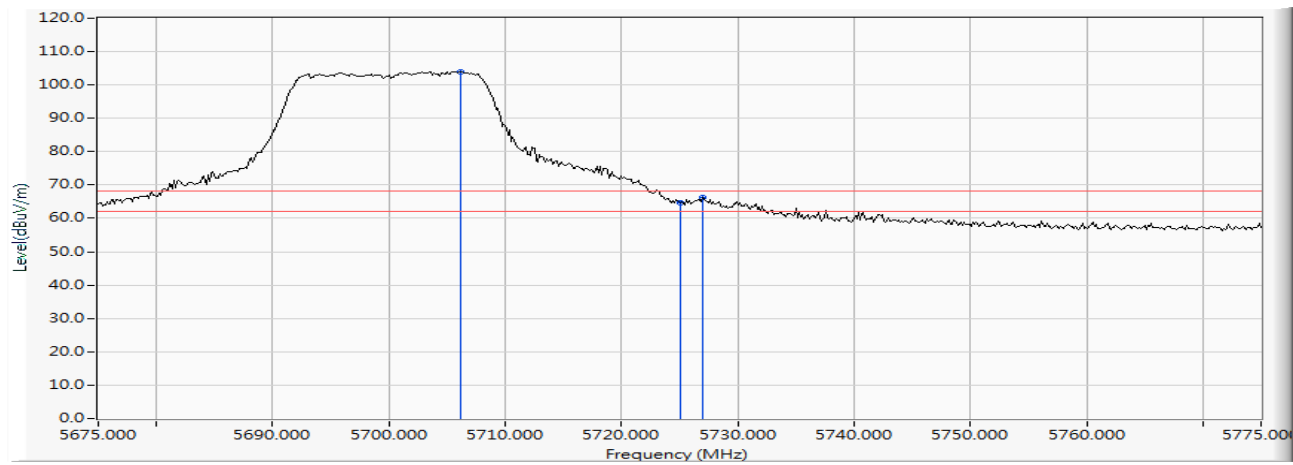
視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5706.159	12.991	91.049	104.040	--	--	--
Vertical	5725.000	12.930	51.703	64.633	-3.587	68.220	Pass
Vertical	5727.029	12.923	53.347	66.270	-1.950	68.220	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 149 (5745 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

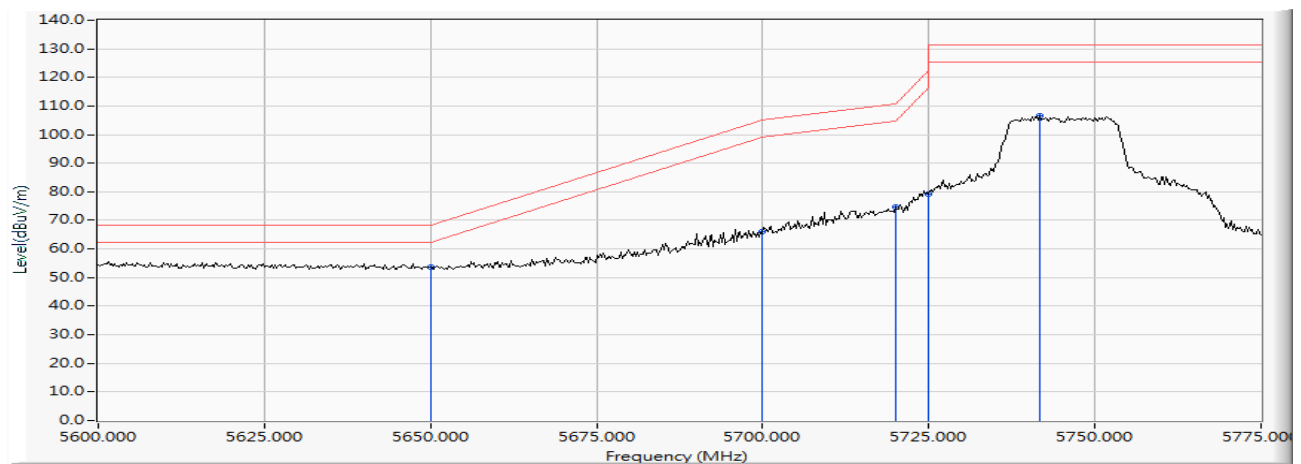
測試模式：Mode 1: SISO A: 發射器 802.11a

視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5650.000	11.554	42.009	53.564	-14.656	68.220	Pass
Horizontal	5700.000	11.647	54.289	65.936	-39.264	105.200	Pass
Horizontal	5720.000	11.607	62.987	74.594	-36.206	110.800	Pass
Horizontal	5725.000	11.592	67.647	79.239	-42.961	122.200	Pass
Horizontal	5741.775	11.539	94.883	106.422	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 149 (5745 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

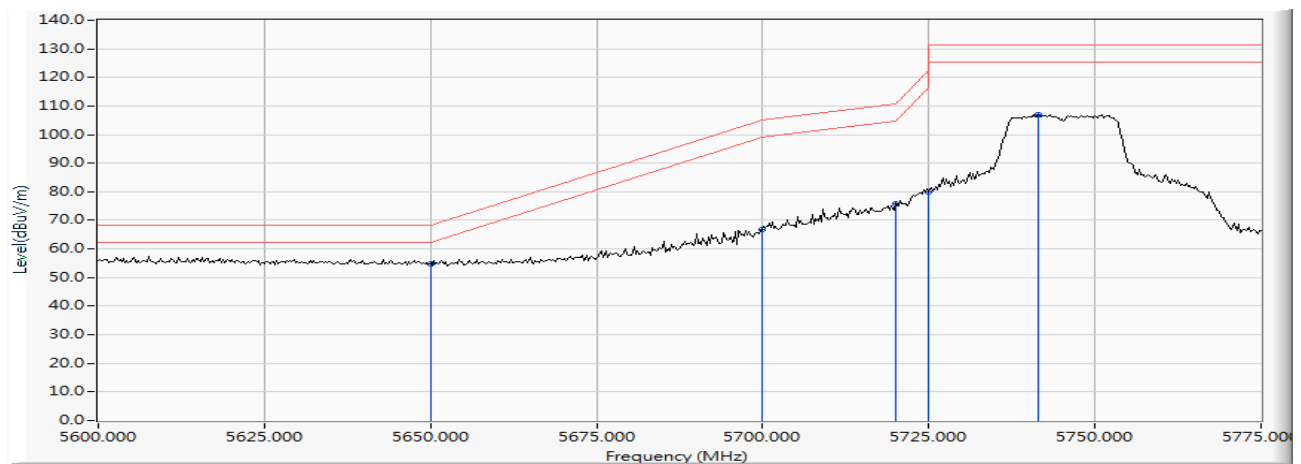
測試模式：Mode 1: SISO A: 發射器 802.11a

視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5650.000	13.029	41.943	54.972	-13.248	68.220	Pass
Vertical	5700.000	13.003	53.778	66.781	-38.419	105.200	Pass
Vertical	5720.000	12.947	63.037	75.984	-34.816	110.800	Pass
Vertical	5725.000	12.930	67.075	80.005	-42.195	122.200	Pass
Vertical	5741.522	12.873	94.151	107.024	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 165 (5825 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

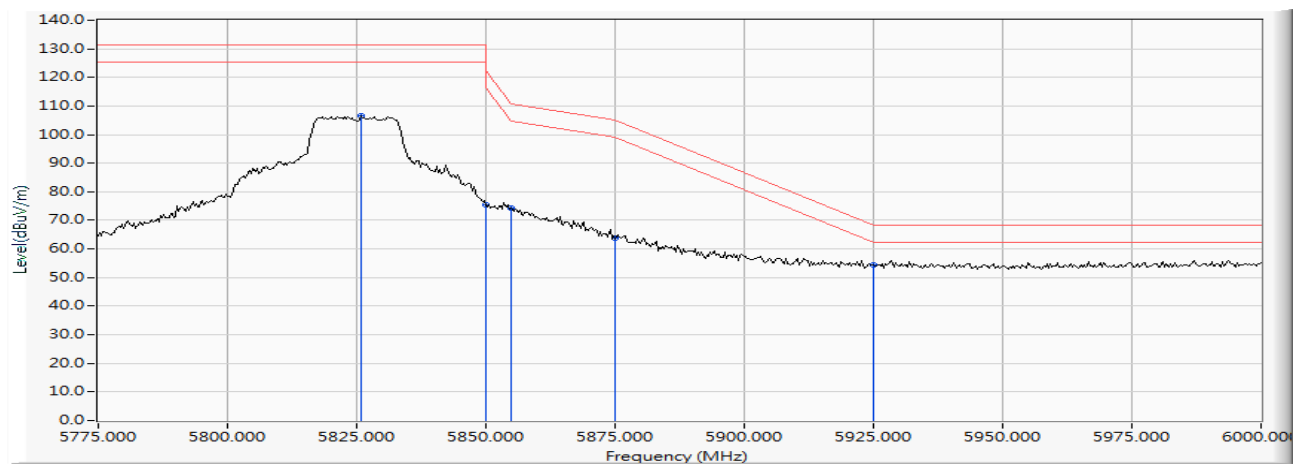
測試模式：Mode 1: SISO A: 發射器 802.11a

視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5825.870	11.534	95.032	106.566	--	--	--
Horizontal	5850.000	11.701	63.925	75.626	-46.574	122.200	Pass
Horizontal	5855.000	11.735	62.412	74.147	-36.653	110.800	Pass
Horizontal	5875.000	11.873	51.866	63.739	-41.461	105.200	Pass
Horizontal	5925.000	12.068	42.536	54.605	-13.595	68.200	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 165 (5825 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

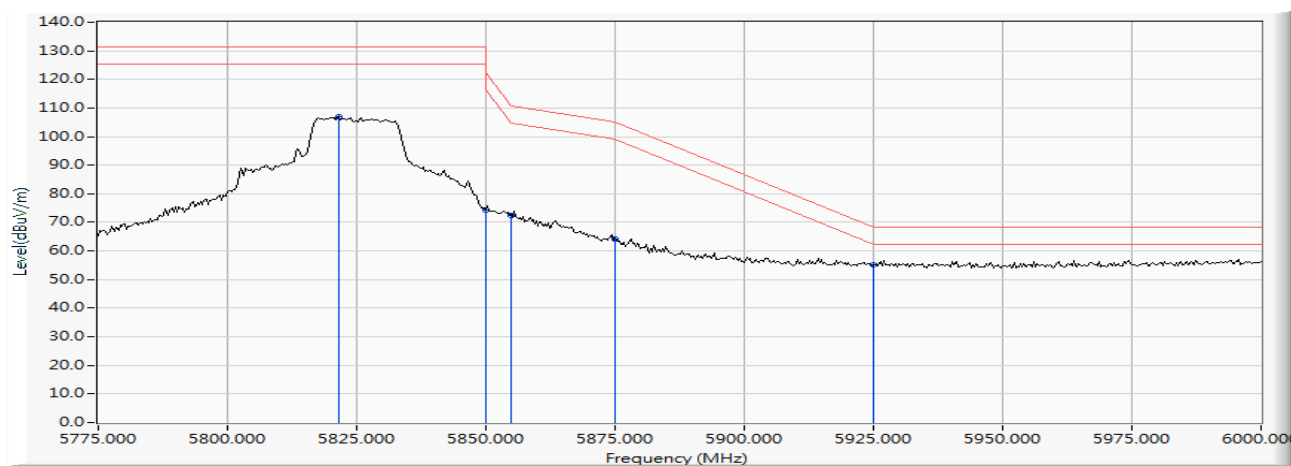
測試模式：Mode 1: SISO A: 發射器 802.11a

視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5821.630	12.713	94.355	107.069	--	--	--
Vertical	5850.000	12.774	61.553	74.327	-47.873	122.200	Pass
Vertical	5855.000	12.784	59.792	72.576	-38.224	110.800	Pass
Vertical	5875.000	12.825	51.463	64.288	-40.912	105.200	Pass
Vertical	5925.000	12.911	42.313	55.224	-12.976	68.200	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 100 (5500 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢 測 器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11n-20BW

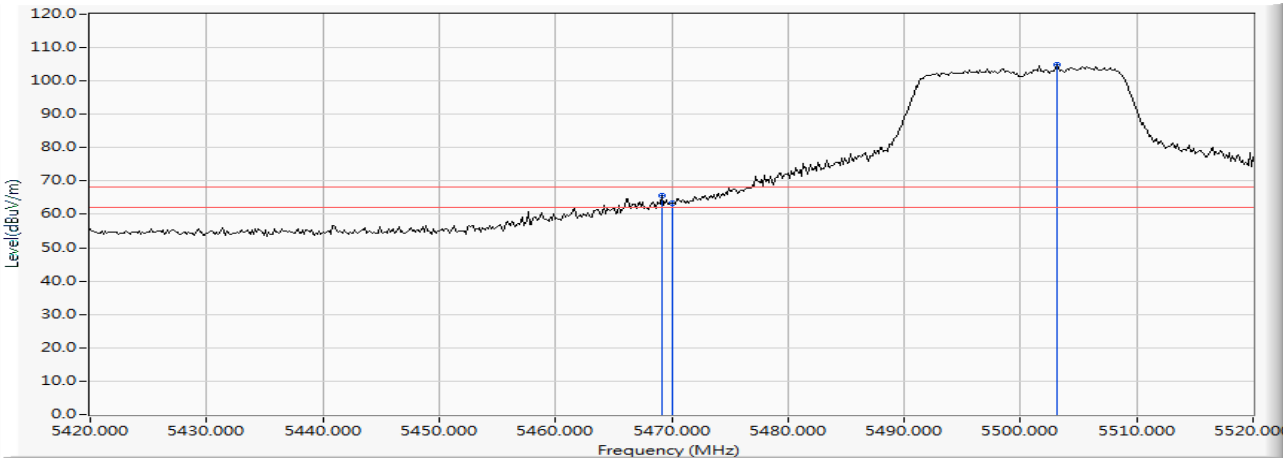
視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5469.130	11.827	53.656	65.483	-2.737	68.220	Pass
Horizontal	5470.000	11.838	51.580	63.418	-4.802	68.220	Pass
Horizontal	5503.188	12.191	92.726	104.917	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 100 (5500 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11n-20BW

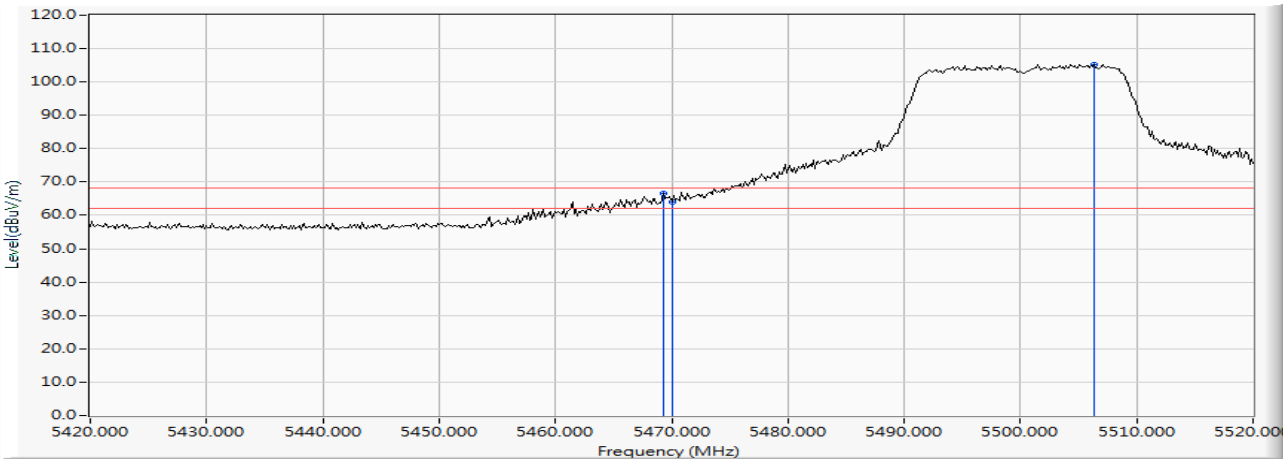
視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5469.275	13.457	53.104	66.561	-1.659	68.220	Pass
Vertical	5470.000	13.462	50.512	63.974	-4.246	68.220	Pass
Vertical	5506.377	13.636	91.590	105.226	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 140 (5700 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11n-20BW

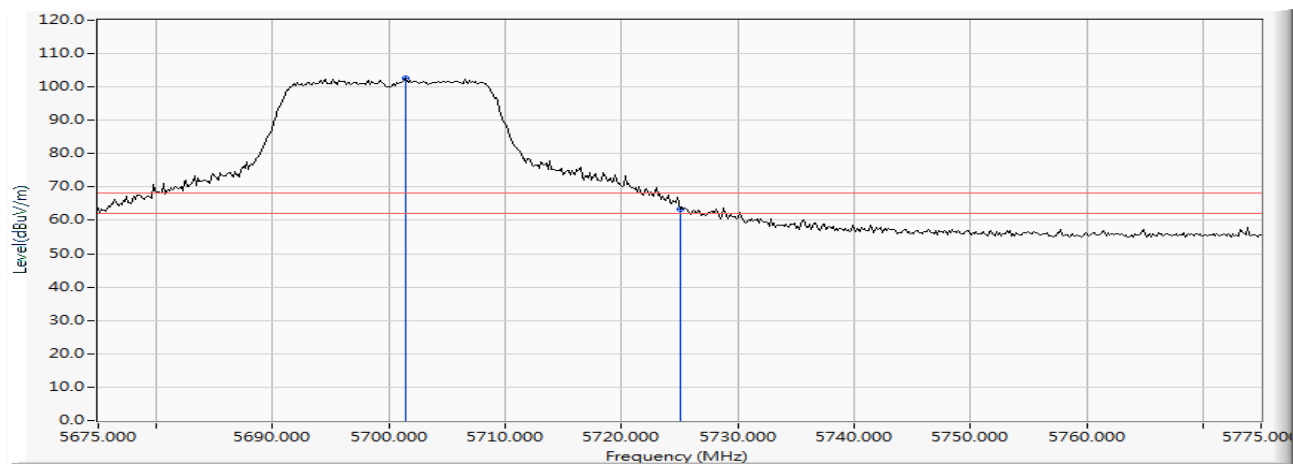
視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5701.377	11.647	90.964	102.611	--	--	--
Horizontal	5725.000	11.592	51.900	63.492	-4.728	68.220	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 140 (5700 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11n-20BW

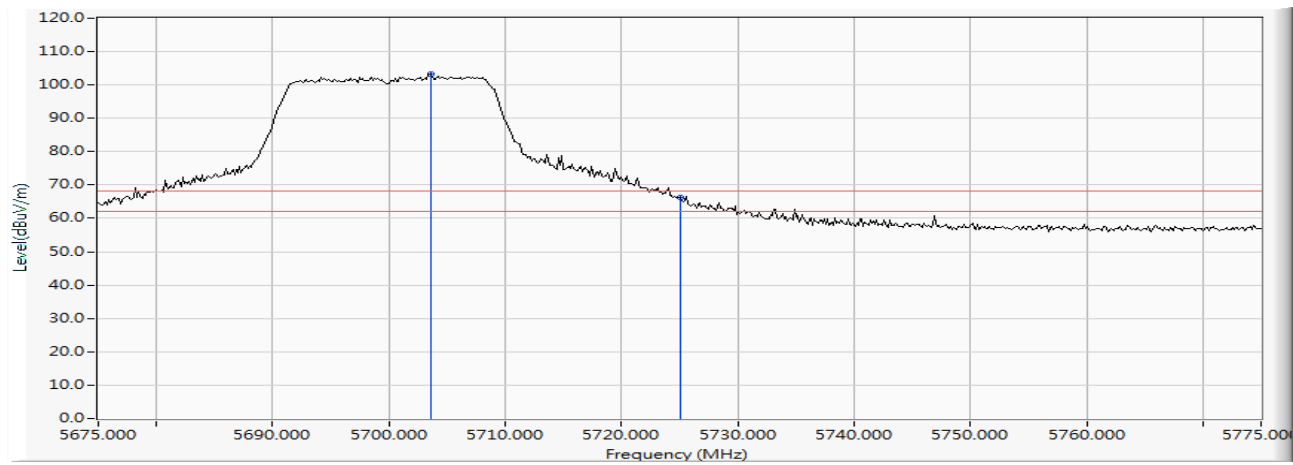
視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5703.551	12.997	90.211	103.207	--	--	--
Vertical	5725.000	12.930	53.308	66.238	-1.982	68.220	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 149 (5745 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

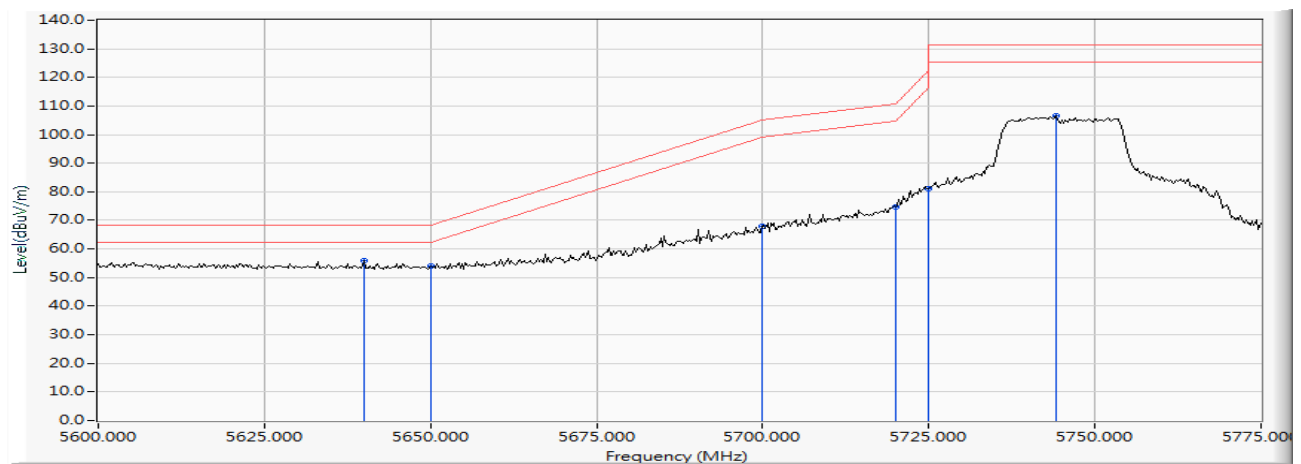
測試模式：Mode 1: SISO A: 發射器 802.11n-20BW

視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5640.072	11.531	44.423	55.954	-12.266	68.220	Pass
Horizontal	5650.000	11.554	42.428	53.983	-14.237	68.220	Pass
Horizontal	5700.000	11.647	56.373	68.020	-37.180	105.200	Pass
Horizontal	5720.000	11.607	63.047	74.654	-36.146	110.800	Pass
Horizontal	5725.000	11.592	69.355	80.947	-41.253	122.200	Pass
Horizontal	5744.058	11.530	95.044	106.575	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 149 (5745 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢 測 器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

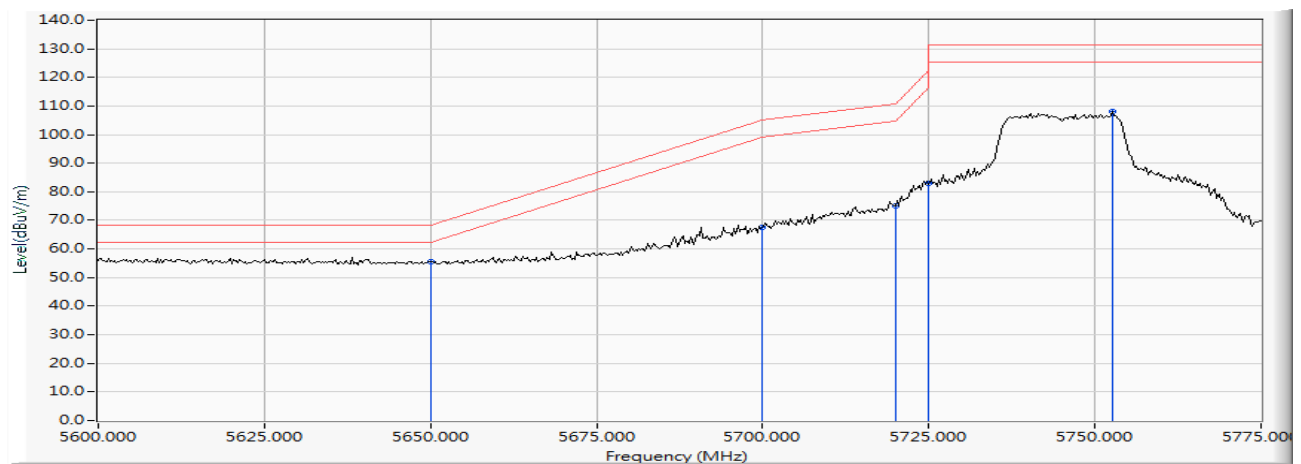
測試模式：Mode 1: SISO A: 發射器 802.11n-20BW

視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5650.000	13.029	42.457	55.486	-12.734	68.220	Pass
Vertical	5700.000	13.003	54.646	67.649	-37.551	105.200	Pass
Vertical	5720.000	12.947	62.285	75.232	-35.568	110.800	Pass
Vertical	5725.000	12.930	69.871	82.801	-39.399	122.200	Pass
Vertical	5752.681	12.833	95.097	107.930	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 165 (5825 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

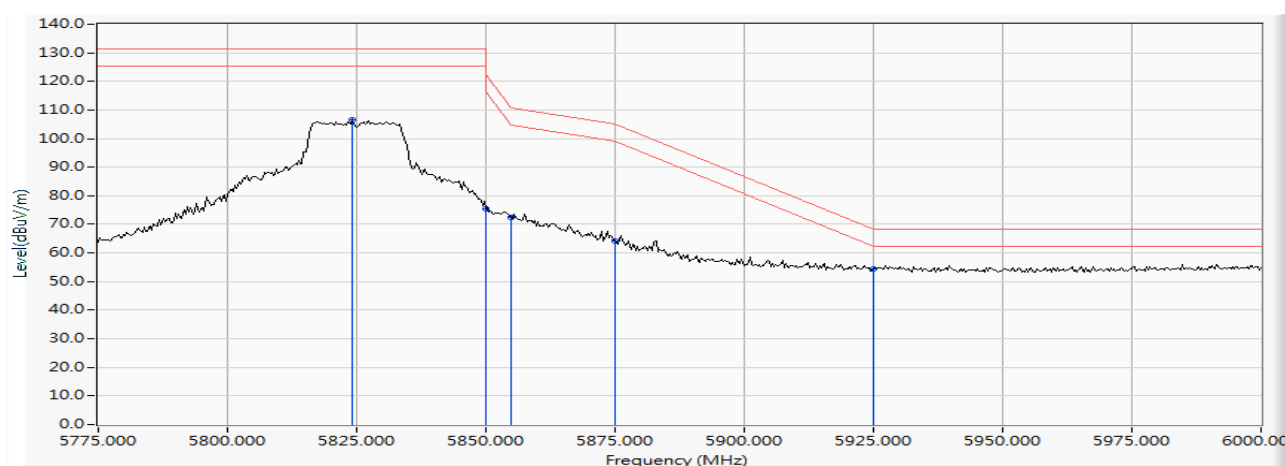
測試模式：Mode 1: SISO A: 發射器 802.11n-20BW

視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5824.239	11.523	94.887	106.409	--	--	--
Horizontal	5850.000	11.701	63.924	75.625	-46.575	122.200	Pass
Horizontal	5855.000	11.735	60.533	72.268	-38.532	110.800	Pass
Horizontal	5875.000	11.873	52.407	64.280	-40.920	105.200	Pass
Horizontal	5925.000	12.068	42.238	54.307	-13.893	68.200	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 165 (5825 MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

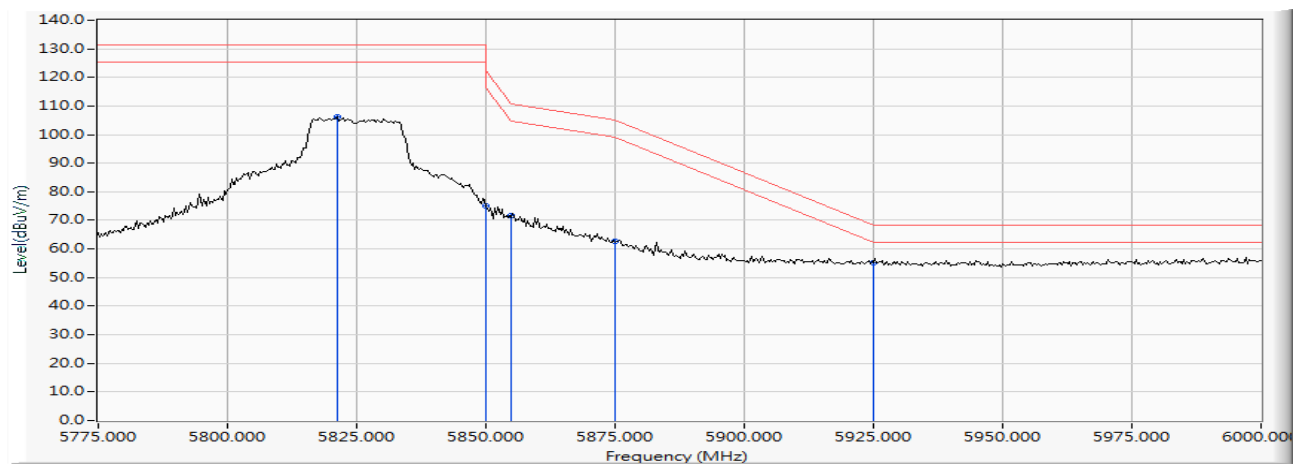
測試模式：Mode 1: SISO A: 發射器 802.11n-20BW

視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5821.304	12.713	93.341	106.054	--	--	--
Vertical	5850.000	12.774	62.142	74.916	-47.284	122.200	Pass
Vertical	5855.000	12.784	58.719	71.503	-39.297	110.800	Pass
Vertical	5875.000	12.825	49.744	62.569	-42.631	105.200	Pass
Vertical	5925.000	12.911	42.079	54.990	-13.210	68.200	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 102 (5510MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11n-40BW

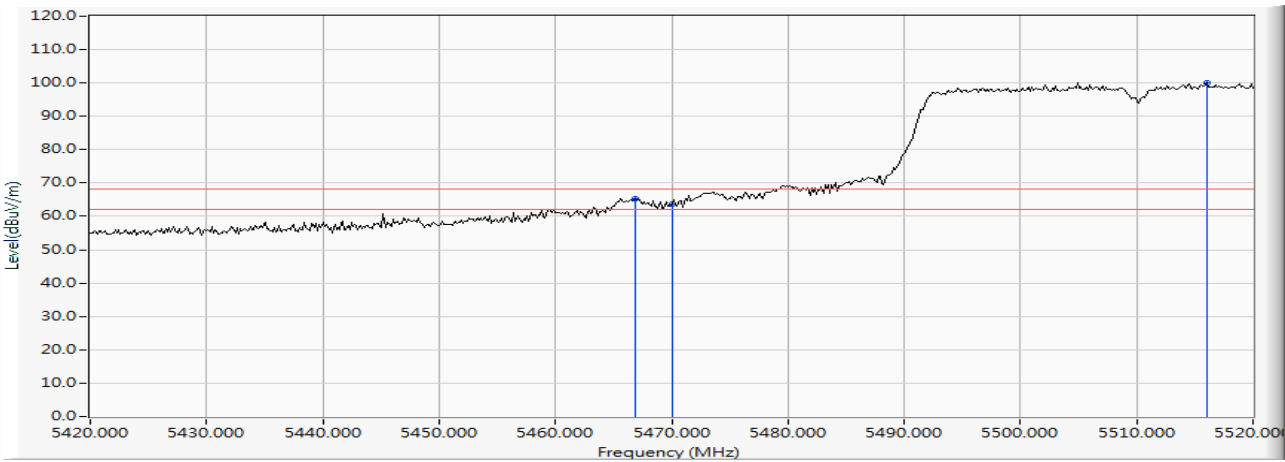
視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5466.812	11.795	53.633	65.428	-2.792	68.220	Pass
Horizontal	5470.000	11.838	51.716	63.554	-4.666	68.220	Pass
Horizontal	5516.087	12.114	87.863	99.977	--	--	--

待測物型號：AX201NGW

測試頻道：CH 102 (5510MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢 測 器：峰值

測 試 日 期：107 年 09 月 18 日

測 試 項 目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11n-40BW

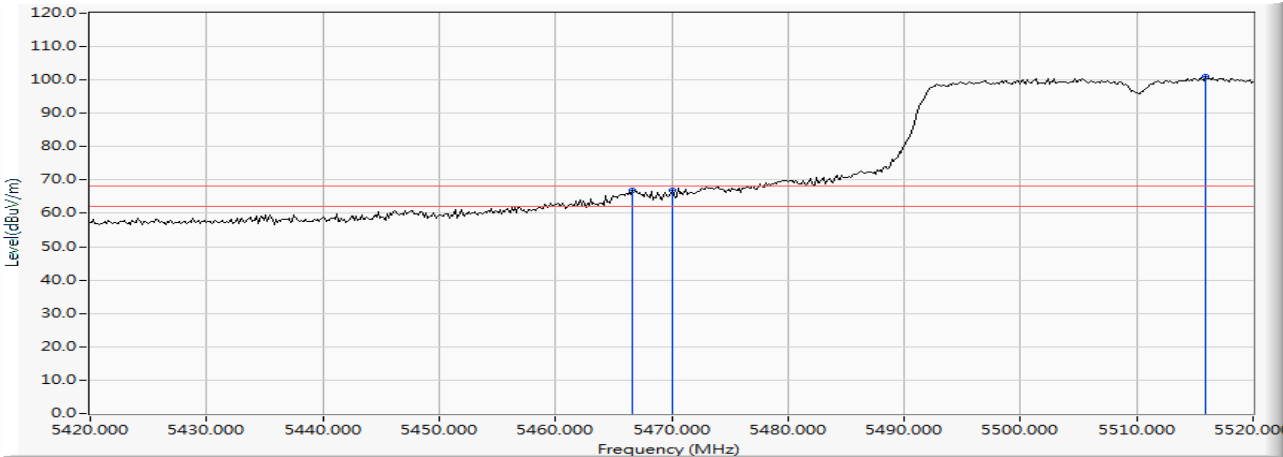
視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5466.667	13.438	53.504	66.942	-1.278	68.220	Pass
Vertical	5470.000	13.462	53.378	66.840	-1.380	68.220	Pass
Vertical	5515.942	13.574	87.510	101.084	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 134 (5670MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11n-40BW

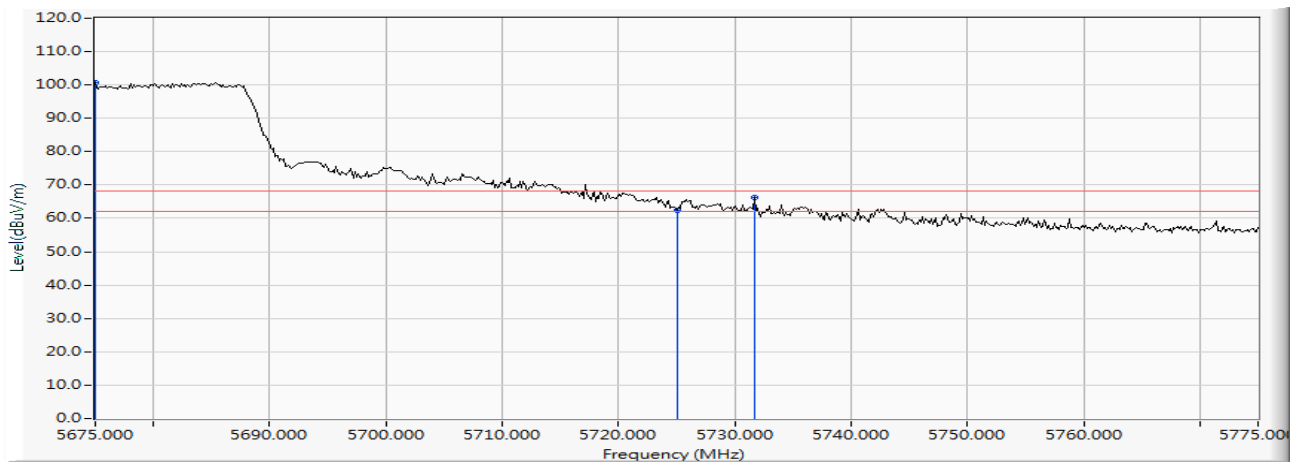
視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Result
Horizontal	5675.000	11.614	89.197	100.810	--	--	--
Horizontal	5725.000	11.592	50.907	62.499	-5.721	68.220	Pass
Horizontal	5731.667	11.571	54.573	66.144	-2.076	68.220	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 134 (5670MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

測試模式：Mode 1: SISO A: 發射器 802.11n-40BW

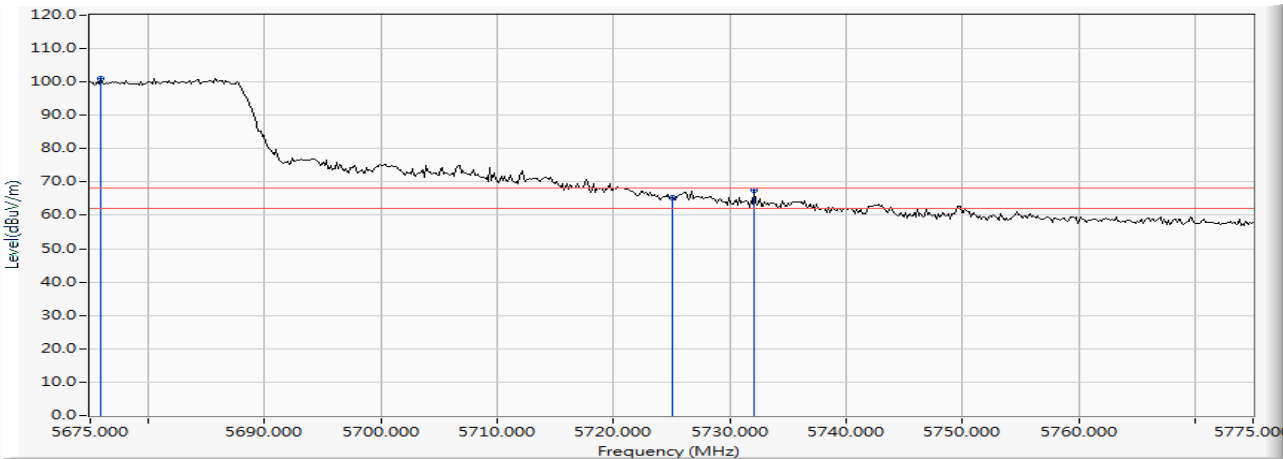
視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5675.870	13.023	87.954	100.977	--	--	--
Vertical	5725.000	12.930	52.374	65.304	-2.916	68.220	Pass
Vertical	5732.101	12.906	54.725	67.631	-0.589	68.220	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 151 (5755MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

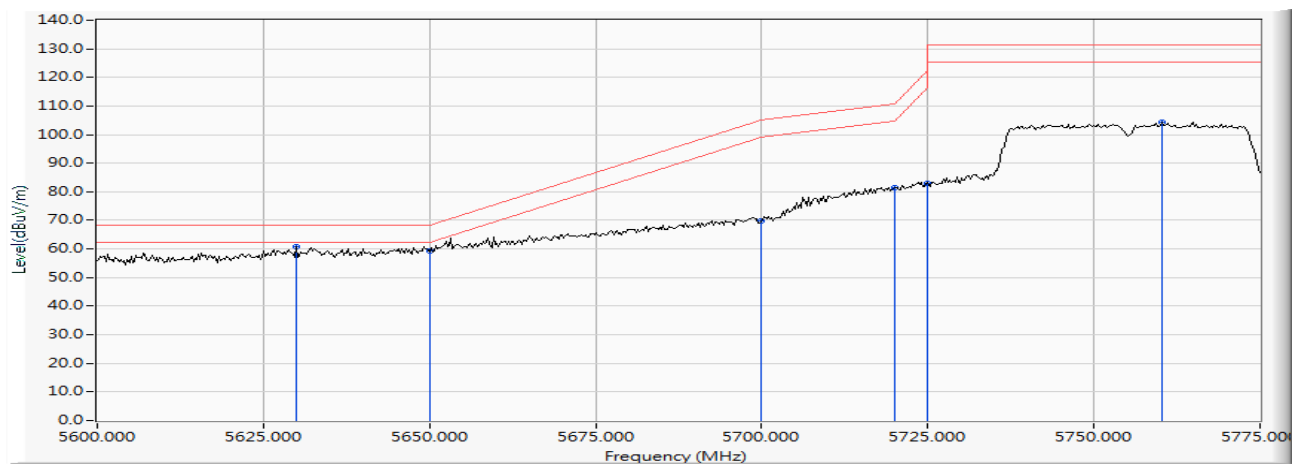
測試模式：Mode 1: SISO A: 發射器 802.11n-40BW

視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5629.928	11.506	49.207	60.714	-7.506	68.220	Pass
Horizontal	5650.000	11.554	47.563	59.118	-9.102	68.220	Pass
Horizontal	5700.000	11.647	58.031	69.678	-35.522	105.200	Pass
Horizontal	5720.000	11.607	69.775	81.382	-29.418	110.800	Pass
Horizontal	5725.000	11.592	71.525	83.117	-39.083	122.200	Pass
Horizontal	5760.290	11.480	92.961	104.441	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 151 (5755MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢 測 器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

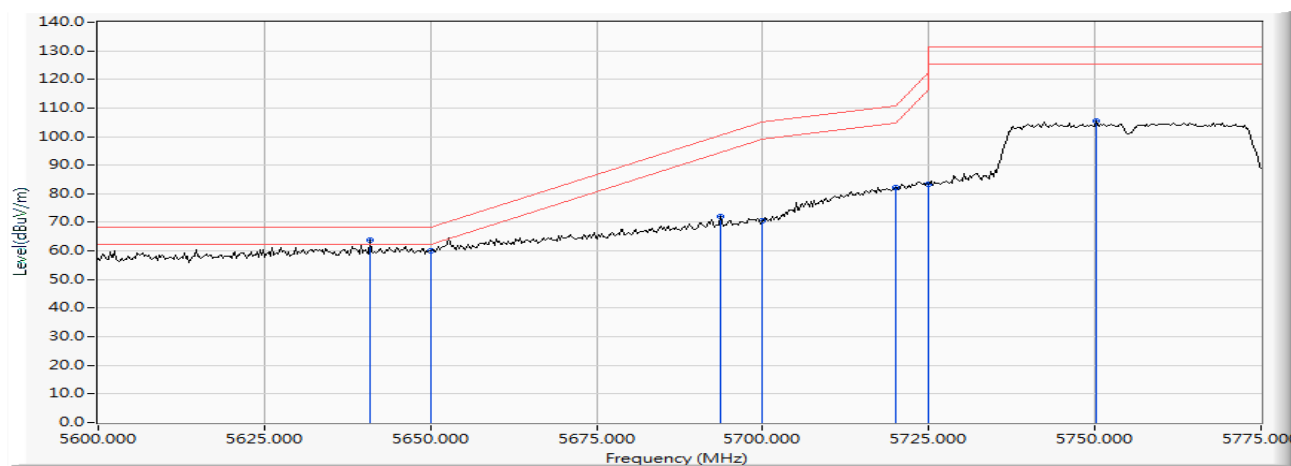
測試模式：Mode 1: SISO A: 發射器 802.11n-40BW

視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5640.833	13.031	50.597	63.628	-4.592	68.220	Pass
Vertical	5650.000	13.029	47.046	60.075	-8.145	68.220	Pass
Vertical	5693.587	13.016	59.064	72.079	-28.378	100.457	Pass
Vertical	5700.000	13.003	57.455	70.458	-34.742	105.200	Pass
Vertical	5720.000	12.947	69.360	82.307	-28.493	110.800	Pass
Vertical	5725.000	12.930	70.425	83.355	-38.845	122.200	Pass
Vertical	5750.145	12.843	92.622	105.464	--	--	--

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 159 (5795MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢測器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

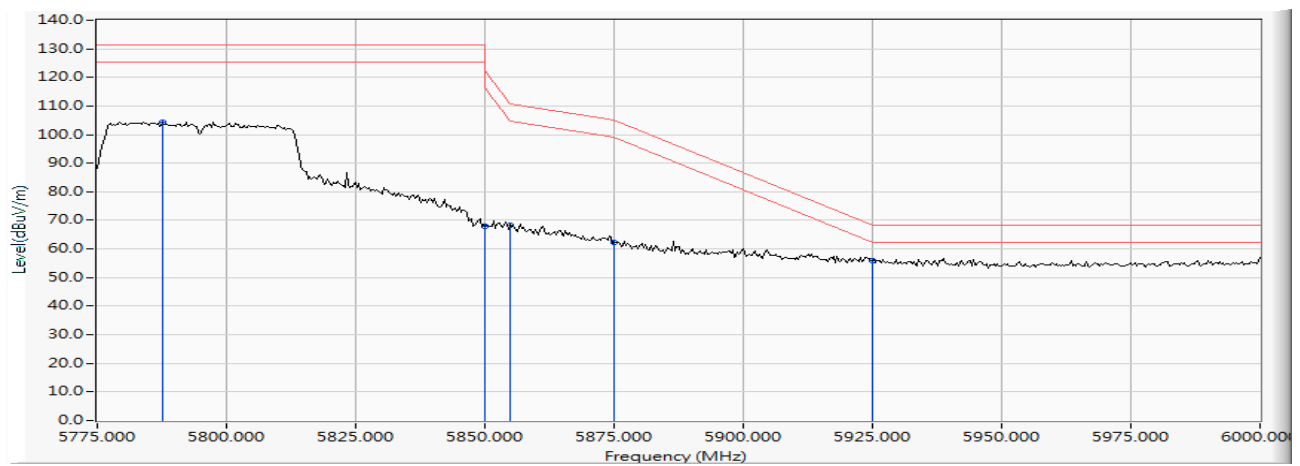
測試模式：Mode 1: SISO A: 發射器 802.11n-40BW

視頻頻寬：1MHz

天線極化：Horizontal

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5787.717	11.393	93.113	104.506	--	--	--
Horizontal	5850.000	11.701	56.251	67.952	-54.248	122.200	Pass
Horizontal	5855.000	11.735	56.613	68.348	-42.452	110.800	Pass
Horizontal	5875.000	11.873	50.291	62.164	-43.036	105.200	Pass
Horizontal	5925.000	12.068	43.980	56.049	-12.151	68.200	Pass

待測物名稱：Intel® Wi-Fi 6 AX201

待測物型號：AX201NGW

測試頻道：CH 159 (5795MHz)

6 dB 頻寬：1MHz

量測距離：3 M

檢 測 器：峰值

測試日期：107 年 09 月 18 日

測試項目：操作頻道外的峰值發射

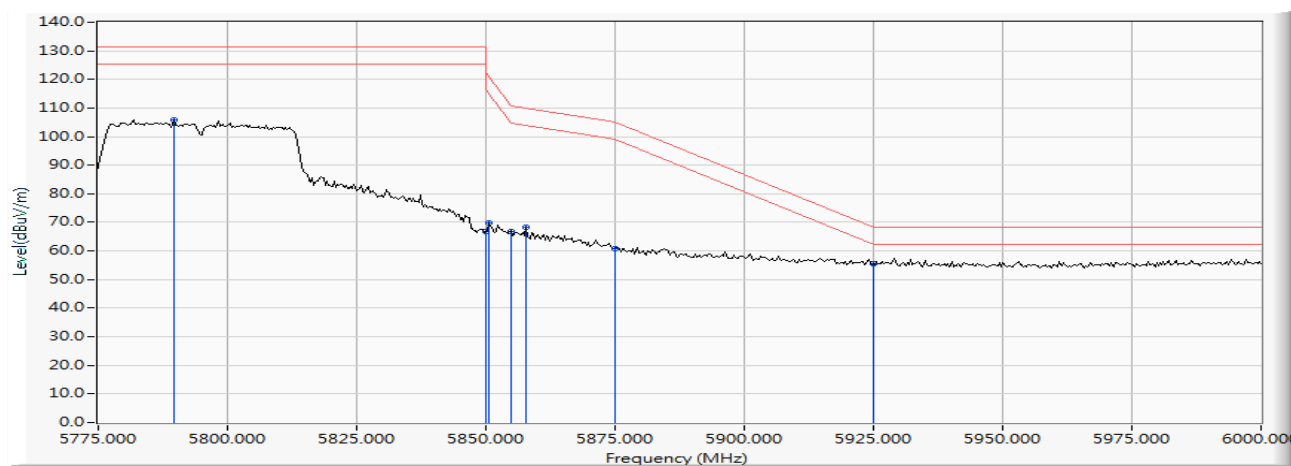
測試模式：Mode 1: SISO A: 發射器 802.11n-40BW

視頻頻寬：1MHz

天線極化：Vertical

環境溫度：21 °C

環境濕度：53 %

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5789.674	12.704	93.298	106.002	--	--	--
Vertical	5850.000	12.774	54.136	66.910	-55.290	122.200	Pass
Vertical	5850.652	12.775	57.140	69.915	-50.798	120.713	Pass
Vertical	5855.000	12.784	53.878	66.662	-44.138	110.800	Pass
Vertical	5857.826	12.790	55.415	68.205	-41.804	110.009	Pass
Vertical	5875.000	12.825	48.153	60.978	-44.222	105.200	Pass
Vertical	5925.000	12.911	42.786	55.697	-12.503	68.200	Pass