

Figure Channel 13: (Chain A)

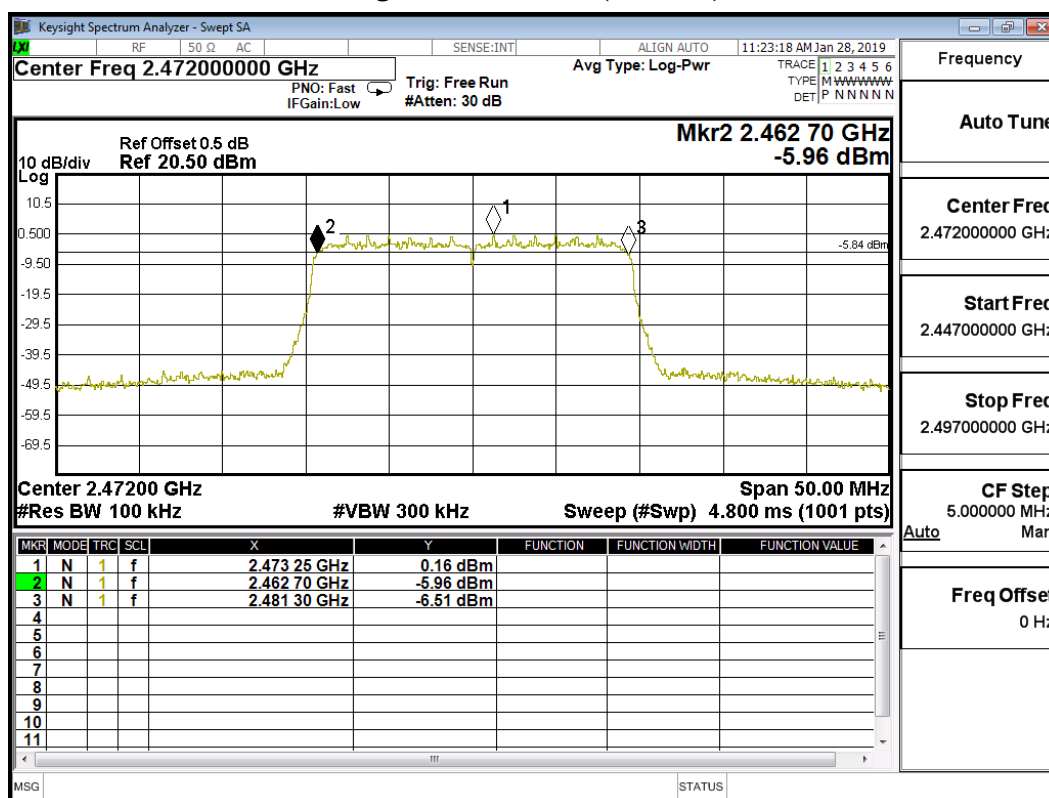
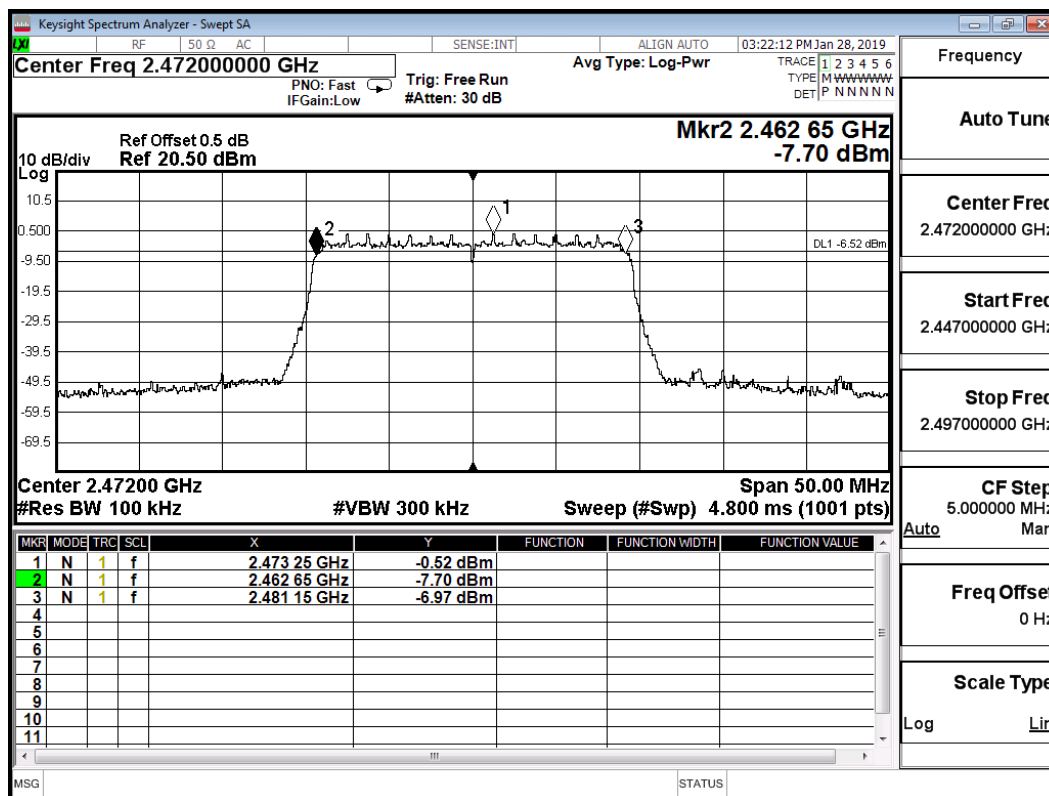


Figure Channel 13: (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：100kHz

量測天線：--

檢測器：峰值

測試日期：108年01月28日

測試項目：佔用頻帶寬度

測試模式：Mode 3: MIMO: 發射器 802.11ax (40MHz)

視頻頻寬：300kHz

測試距離：Conducted

環境溫度：20 °C

環境濕度：52 %

Channel No.	Frequency (MHz)	Chain	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	A	38100	>500	Pass
07	2442	A	38100	>500	Pass
09	2452	A	38100	>500	Pass
10	2457	A	38000	>500	Pass
11	2462	A	38000	>500	Pass
03	2422	B	38000	>500	Pass
07	2442	B	38000	>500	Pass
09	2452	B	37900	>500	Pass
10	2457	B	38100	>500	Pass
11	2462	B	37800	>500	Pass

Figure Channel 03: (Chain A)

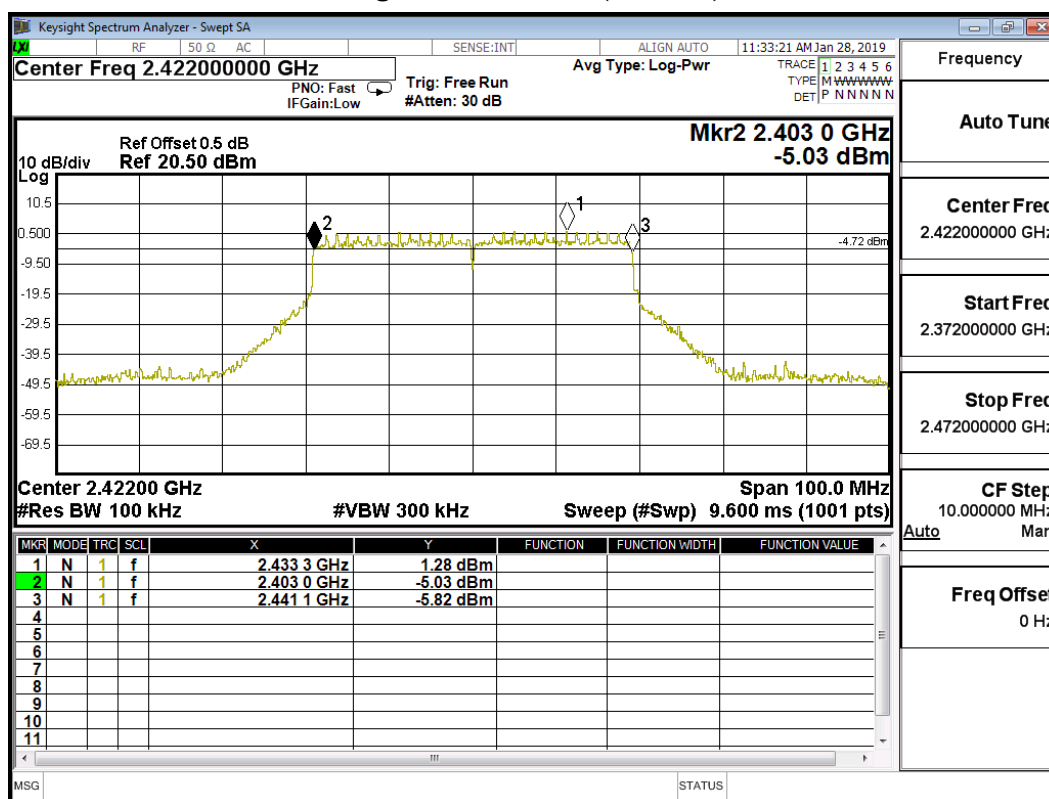


Figure Channel 03: (Chain B)

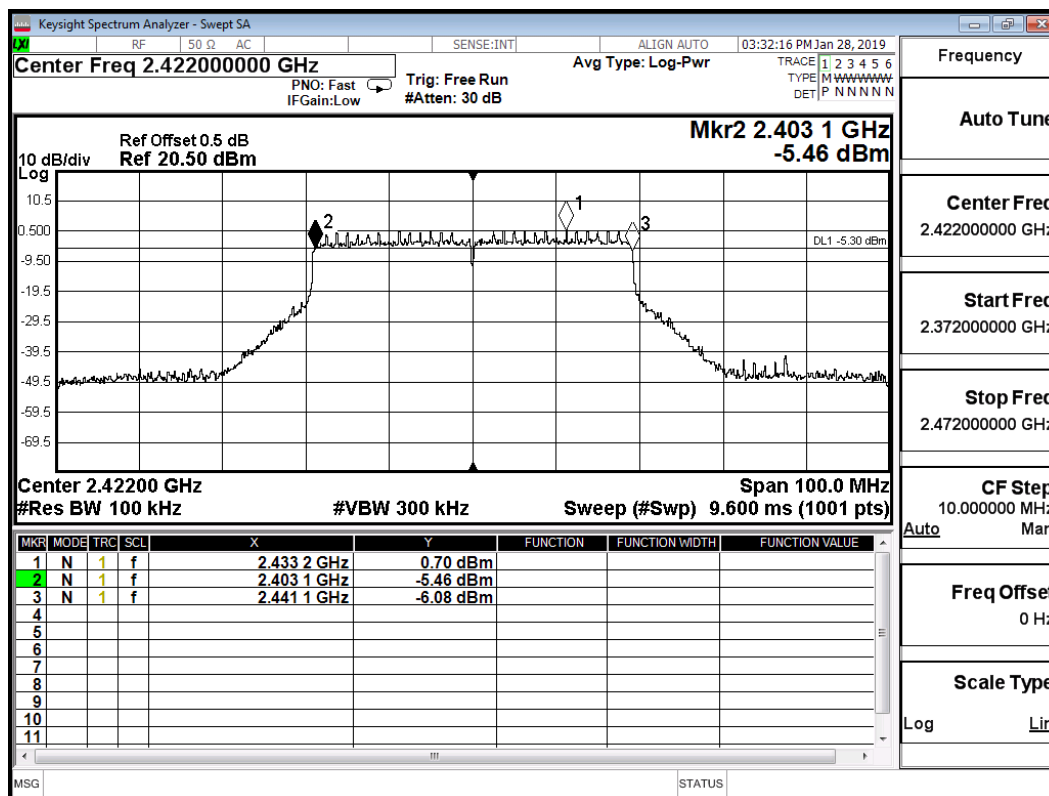


Figure Channel 07: (Chain A)

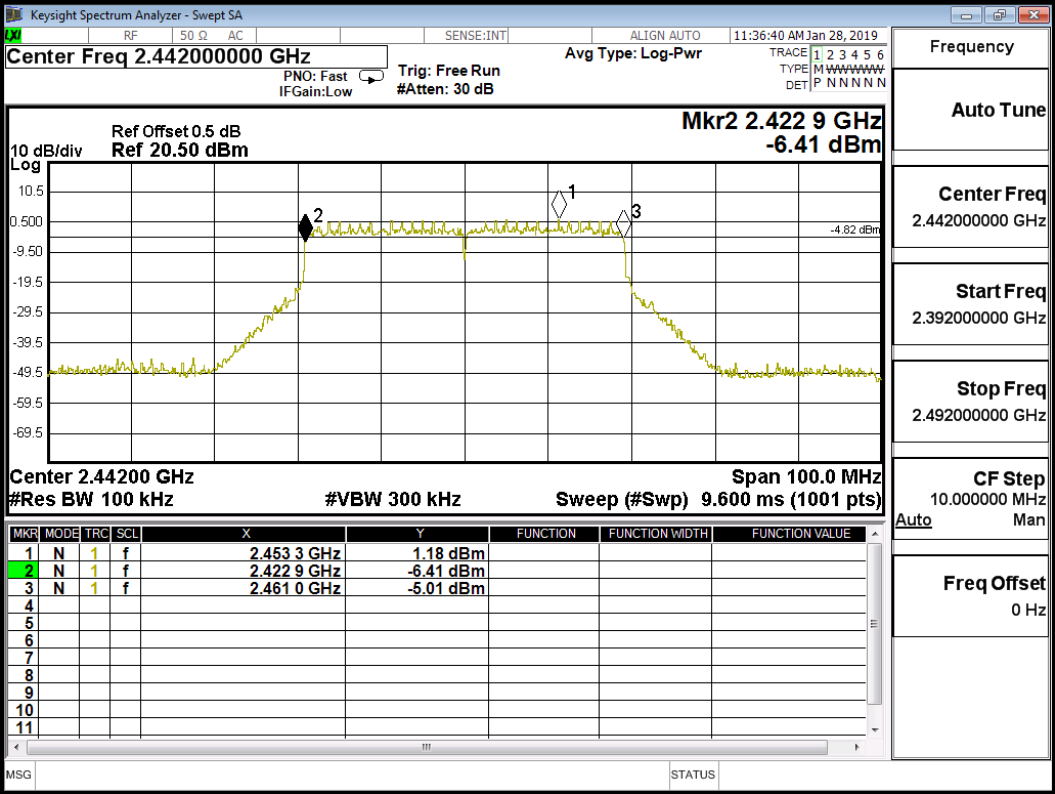


Figure Channel 07: (Chain B)

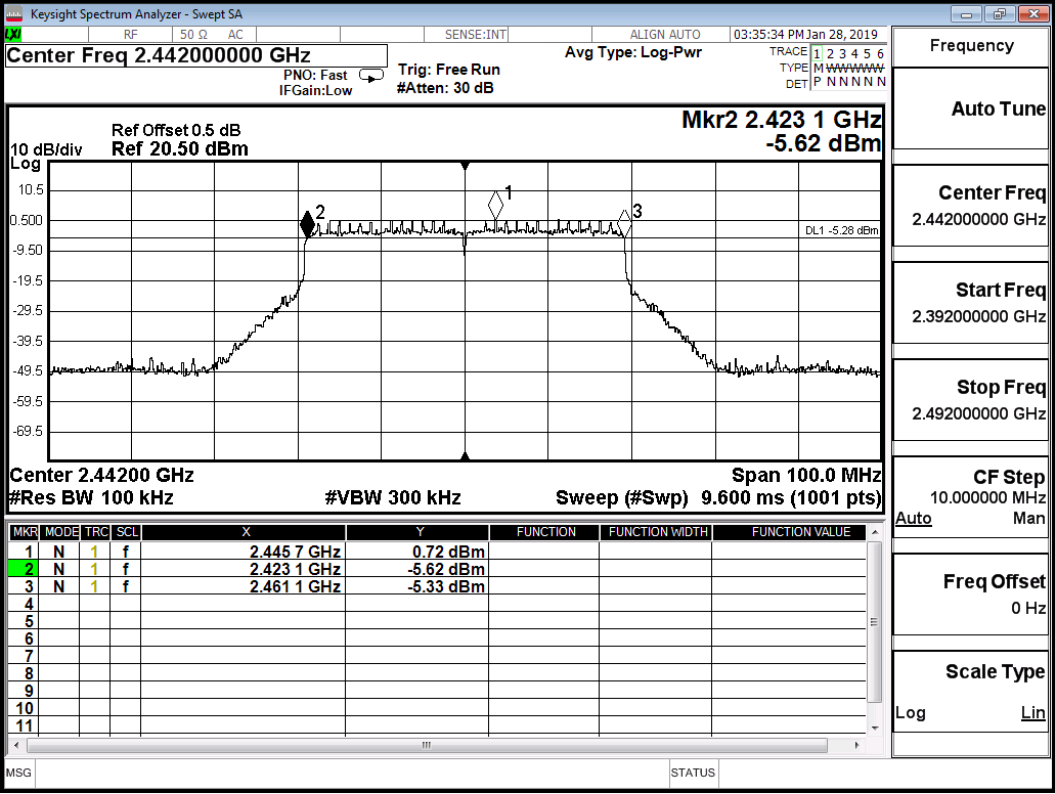


Figure Channel 09: (Chain A)

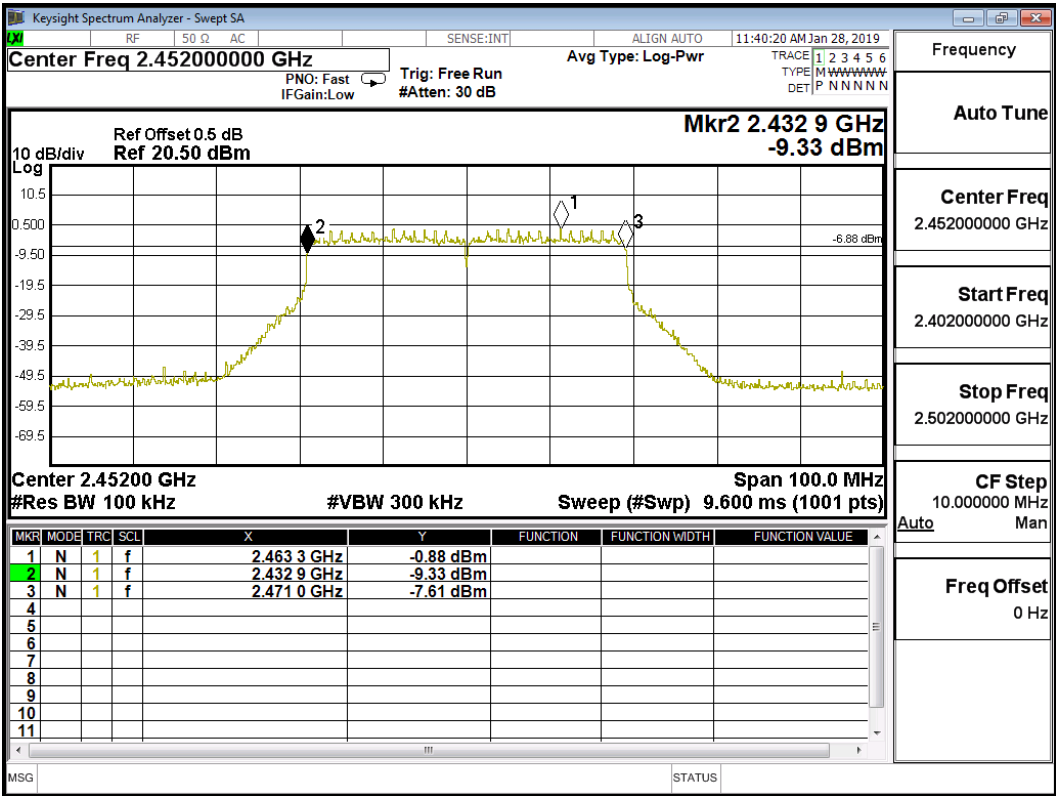


Figure Channel 09: (Chain B)

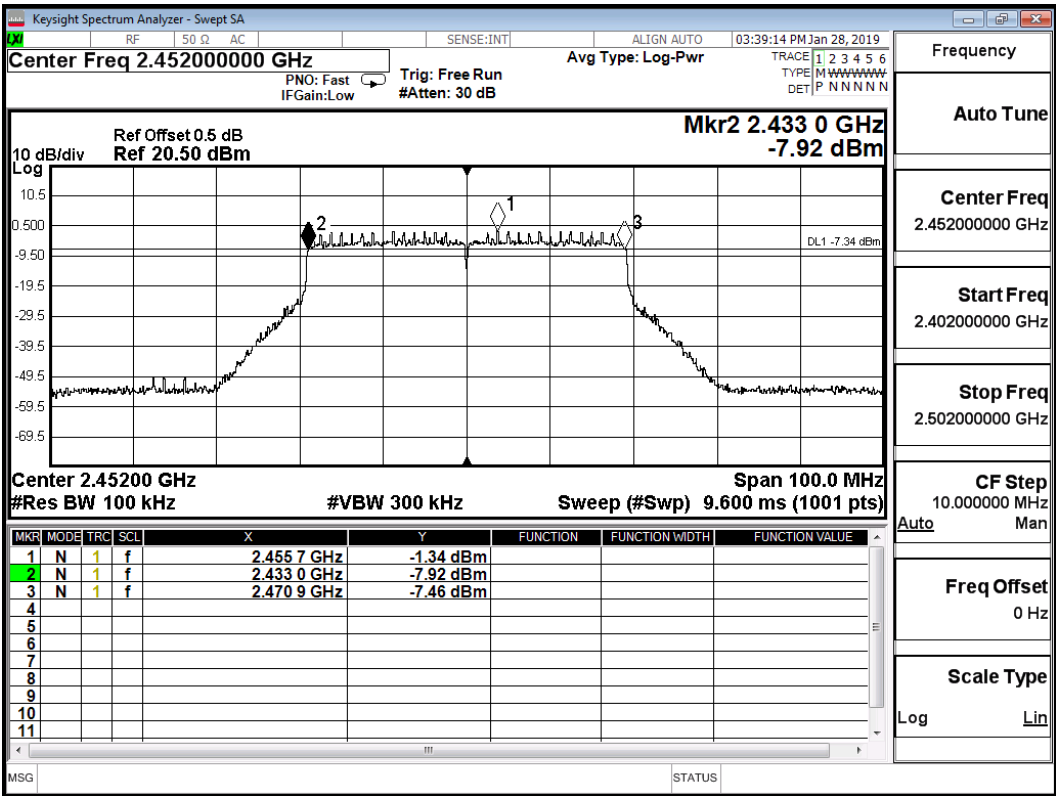


Figure Channel 10: (Chain A)

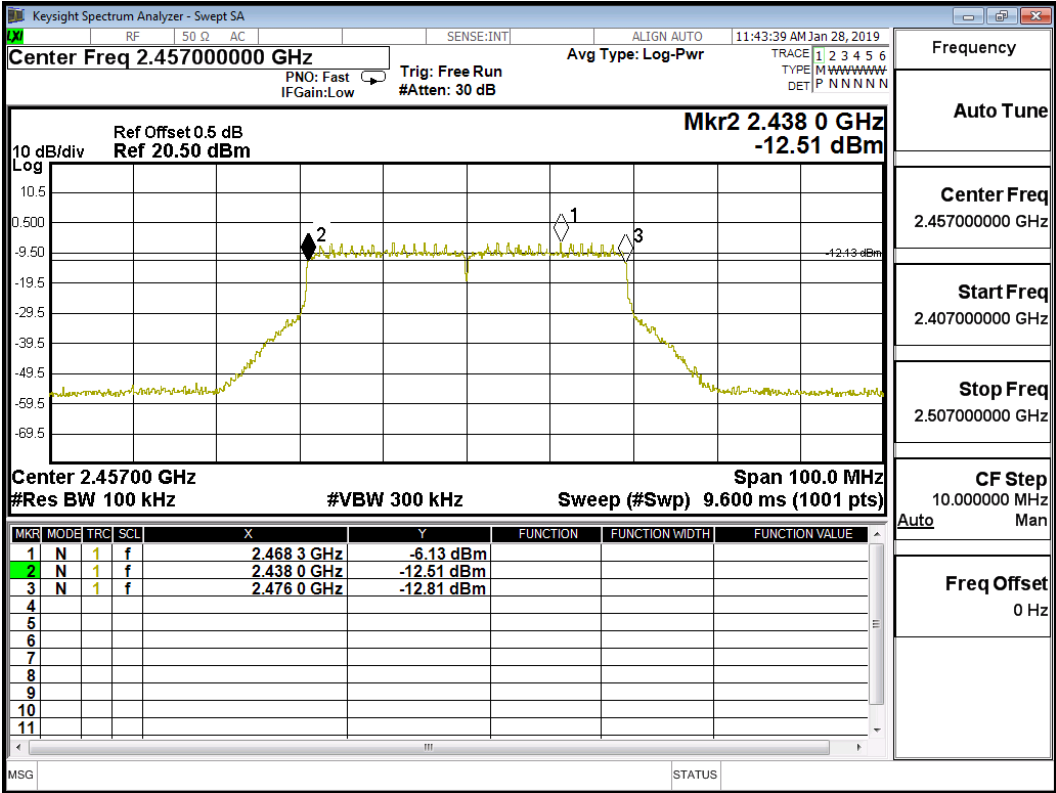


Figure Channel 10: (Chain B)

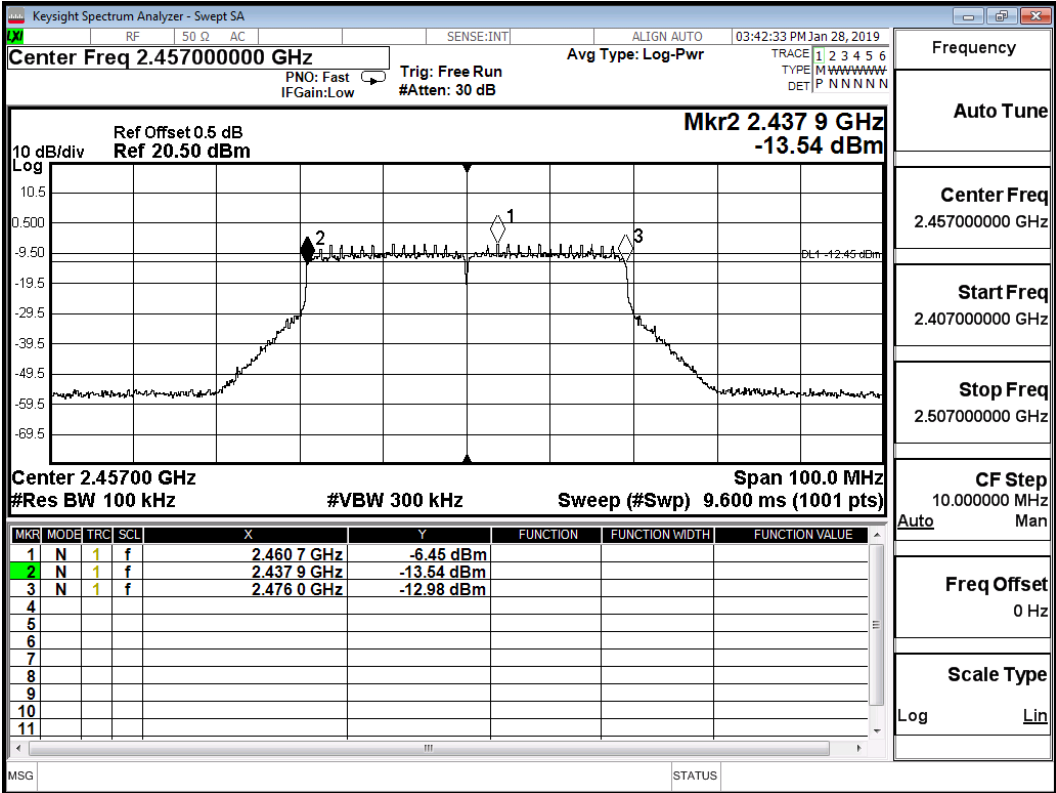


Figure Channel 11: (Chain A)

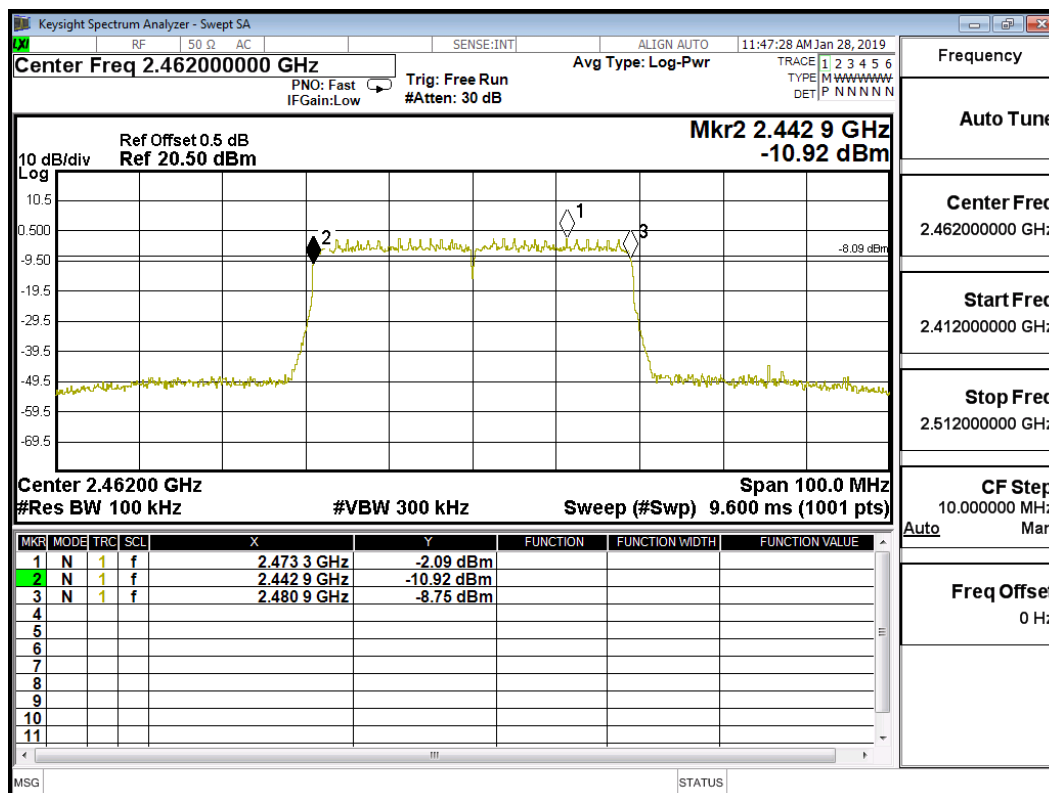
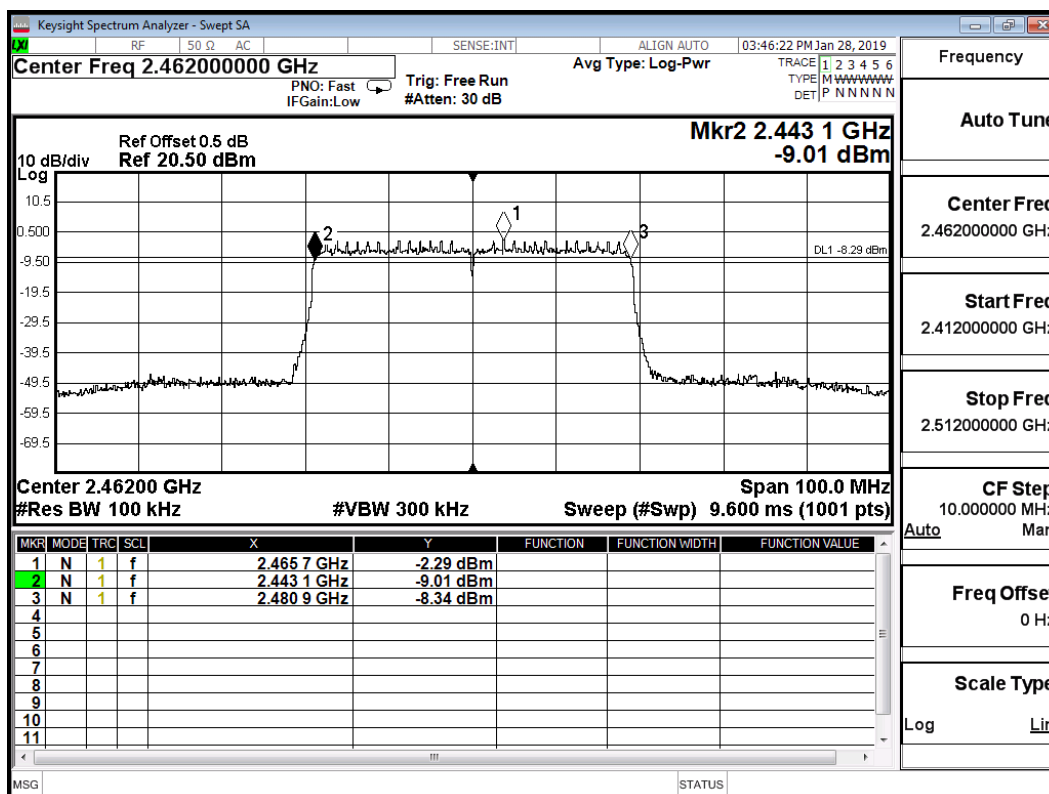


Figure Channel 11: (Chain B)



佔用頻道寬度測試結果:

PASS

10. 發射電功率密度

10.1. 適用標準

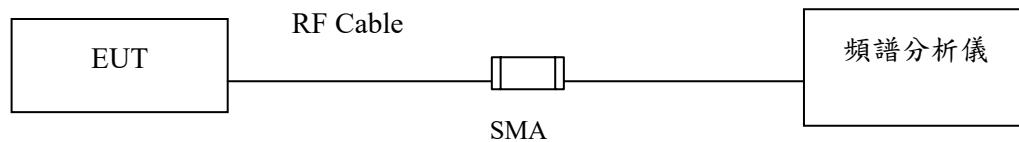
依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.6 節，在使用頻率範圍之任意 3 千赫(kHz)頻寬內，由發射機傳導至天線之峰值發射電功率密度在任意期間內，皆不得大於 8dBm，且應依 4.10.1.3 之方式降低功率頻譜密度限制值。

10.2. 量測方法

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。找出發射峰值並擴展於通帶內，設定頻譜分析儀之解析度頻寬為 3kHz，視訊頻寬大於解析度頻寬，掃瞄時間為頻率掃瞄範圍除以 3kHz。(SWEEP TIME=SPAN/3kHz)。

待測物應在正常發射狀態下量測。

10.3. 測試架構圖



10.4. 量測不確定度

此項測試之量測不確定度為 $\pm 1.23\text{dB}$ 。

10.5. 功率密度量測結果

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 1: SISO A: 發射器 802.11b

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	6.82	$\leq 8\text{dBm}$	Pass
07	2442	6.83	$\leq 8\text{dBm}$	Pass
11	2462	6.67	$\leq 8\text{dBm}$	Pass
12	2467	7.91	$\leq 8\text{dBm}$	Pass
13	2472	6.74	$\leq 8\text{dBm}$	Pass

Figure Channel 01:

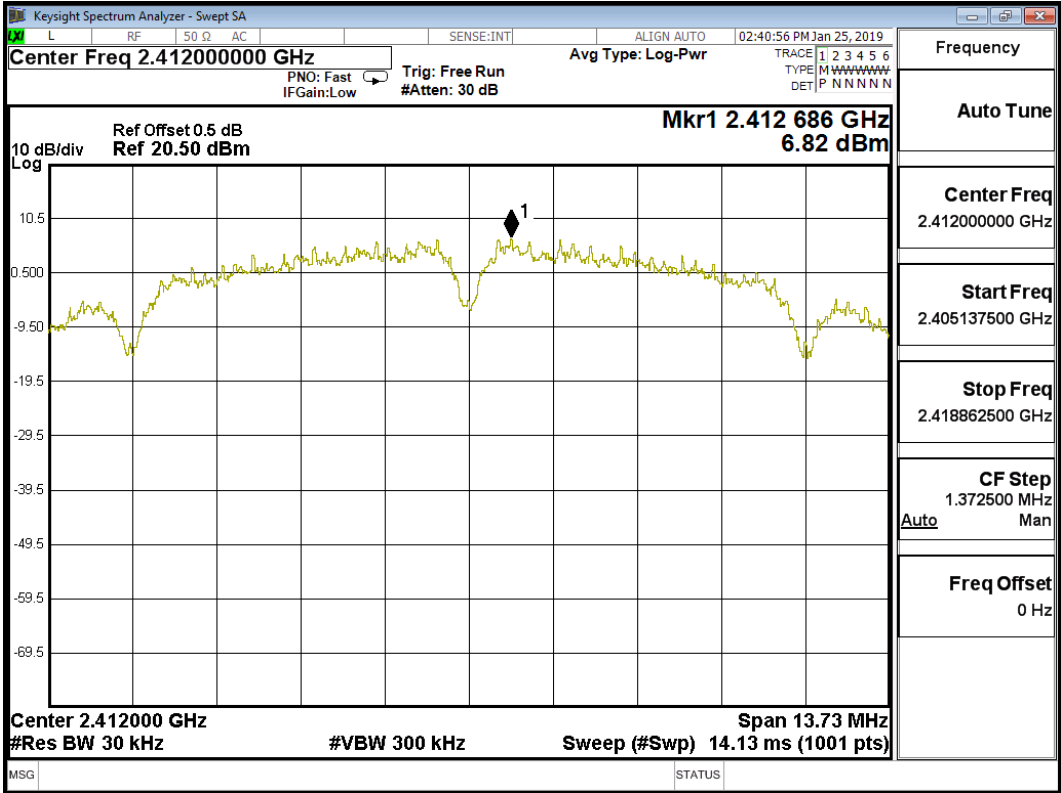


Figure Channel 07:

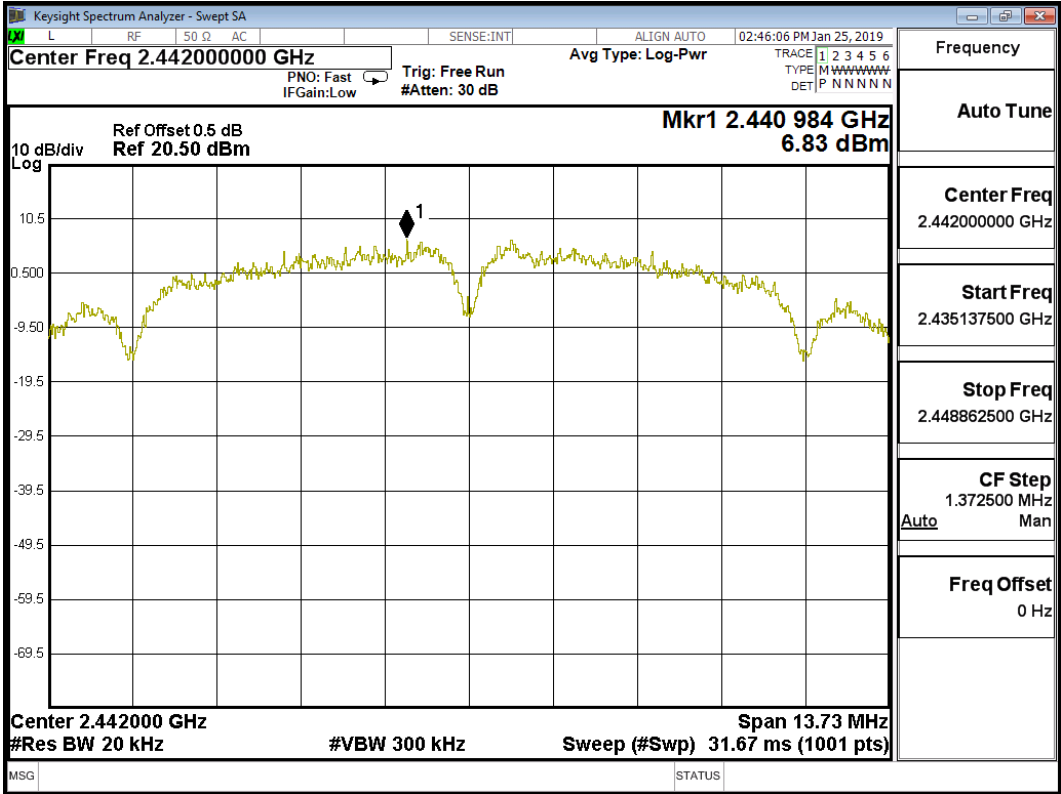


Figure Channel 11:

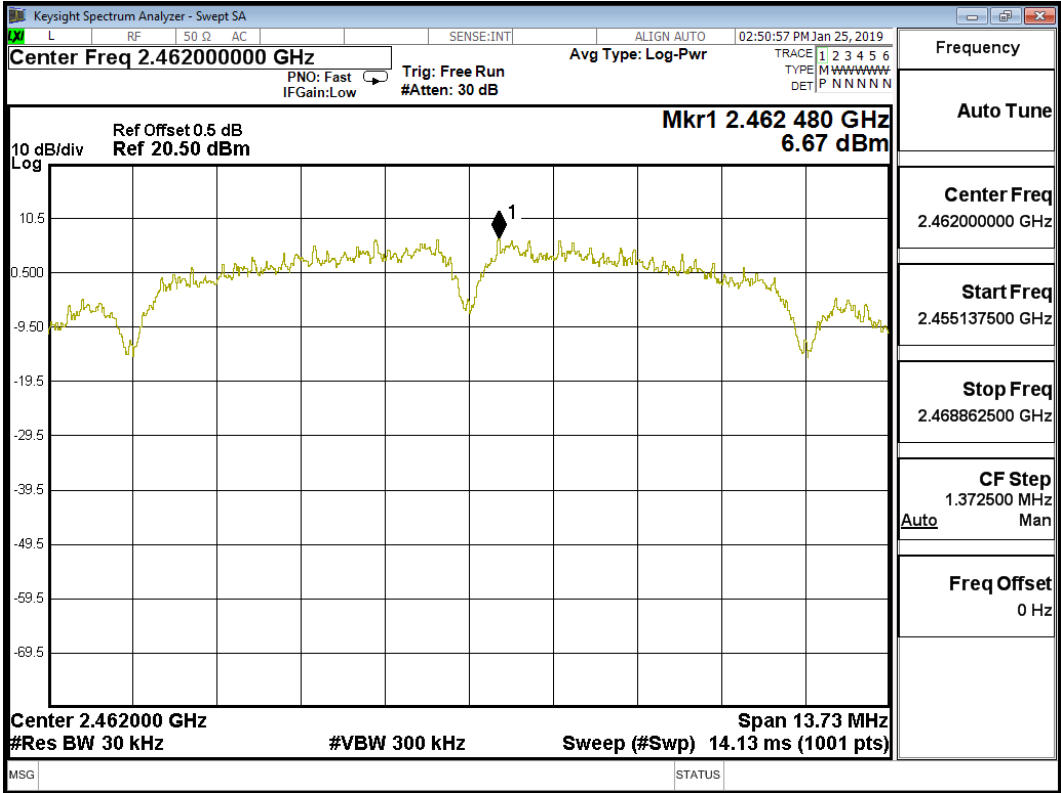


Figure Channel 12:

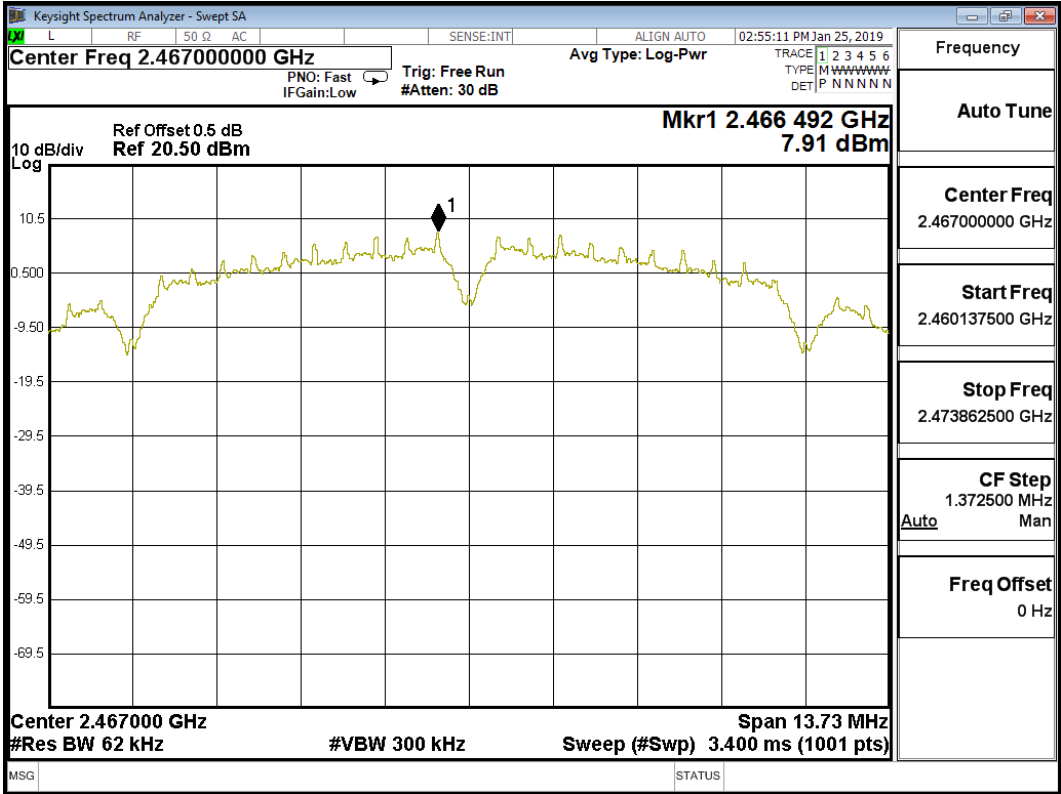
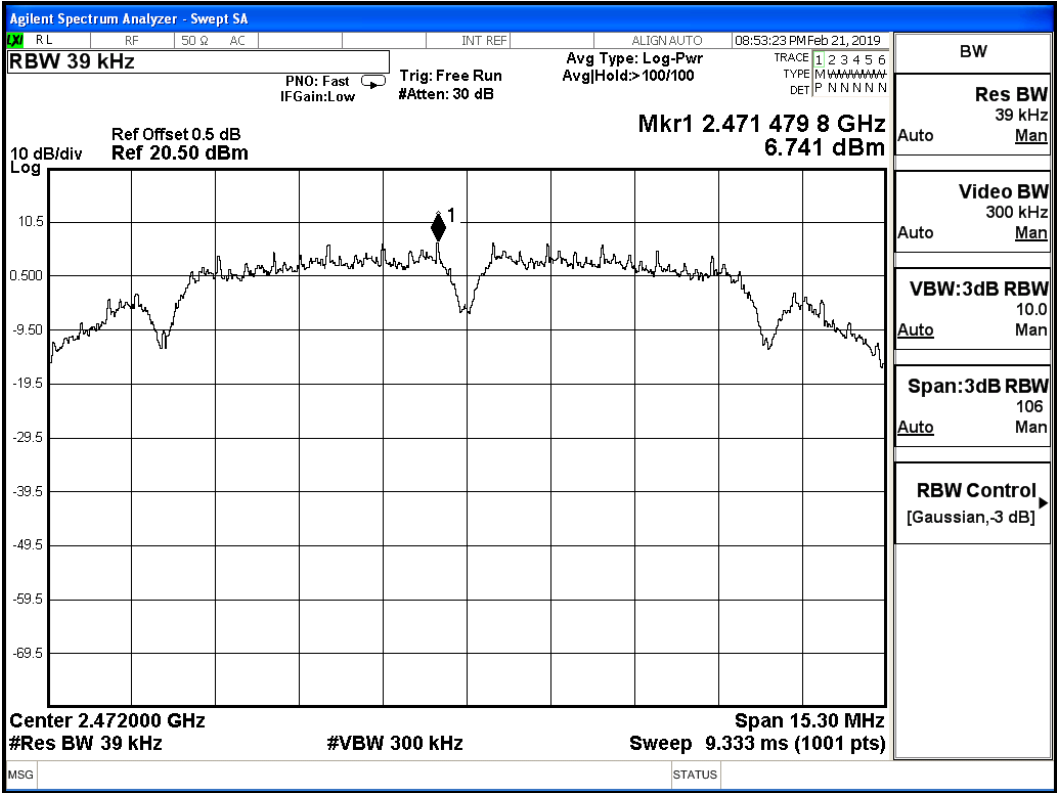


Figure Channel 13:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 1: SISO A: 發射器 802.11g

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	5.76	$\leq 8\text{dBm}$	Pass
07	2442	7.73	$\leq 8\text{dBm}$	Pass
11	2462	3.89	$\leq 8\text{dBm}$	Pass
12	2467	2.47	$\leq 8\text{dBm}$	Pass
13	2472	3.03	$\leq 8\text{dBm}$	Pass

Figure Channel 01:

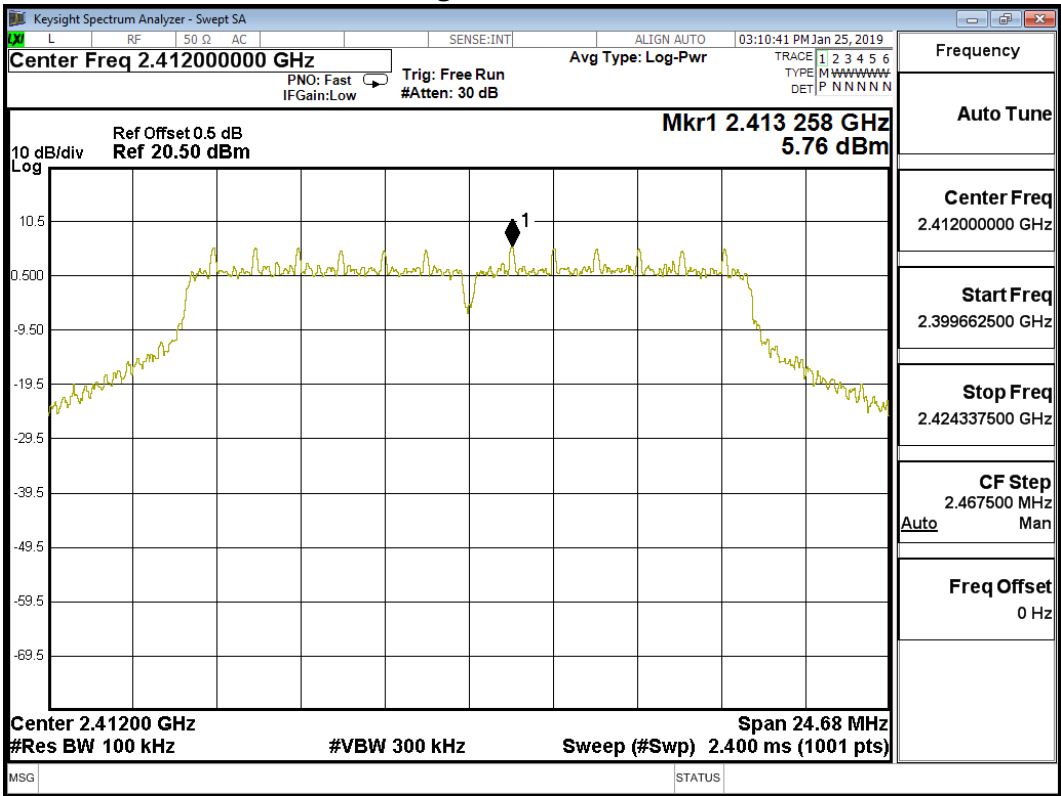


Figure Channel 07:

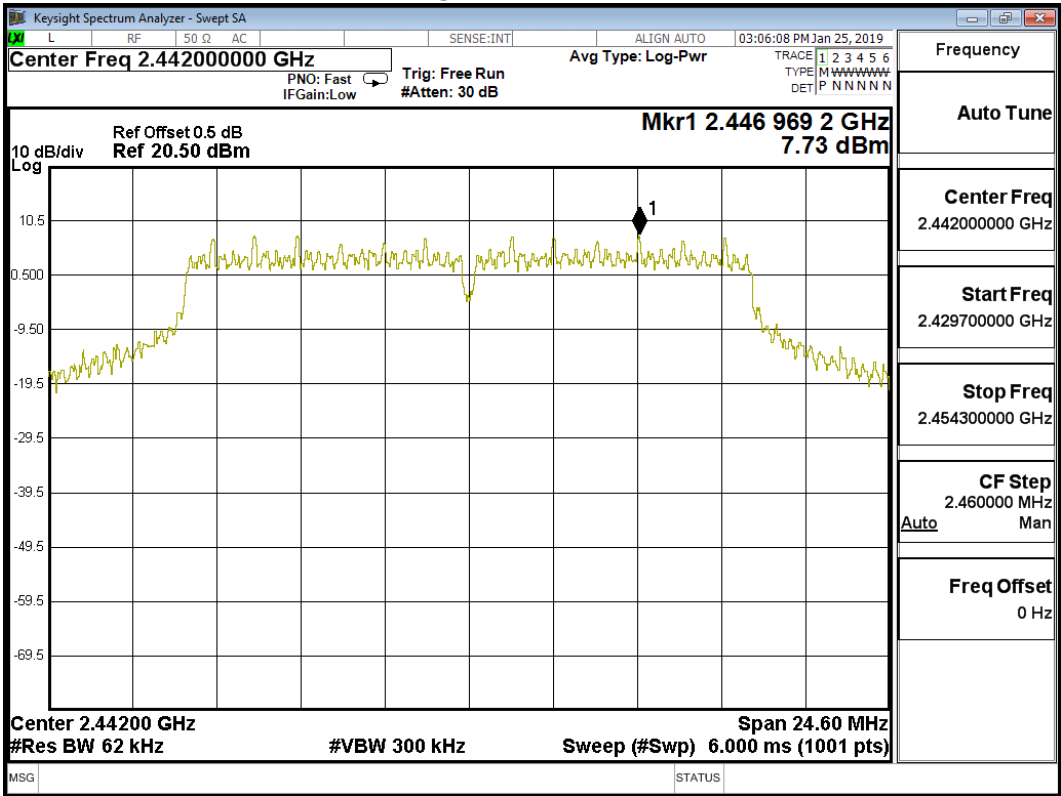


Figure Channel 11:

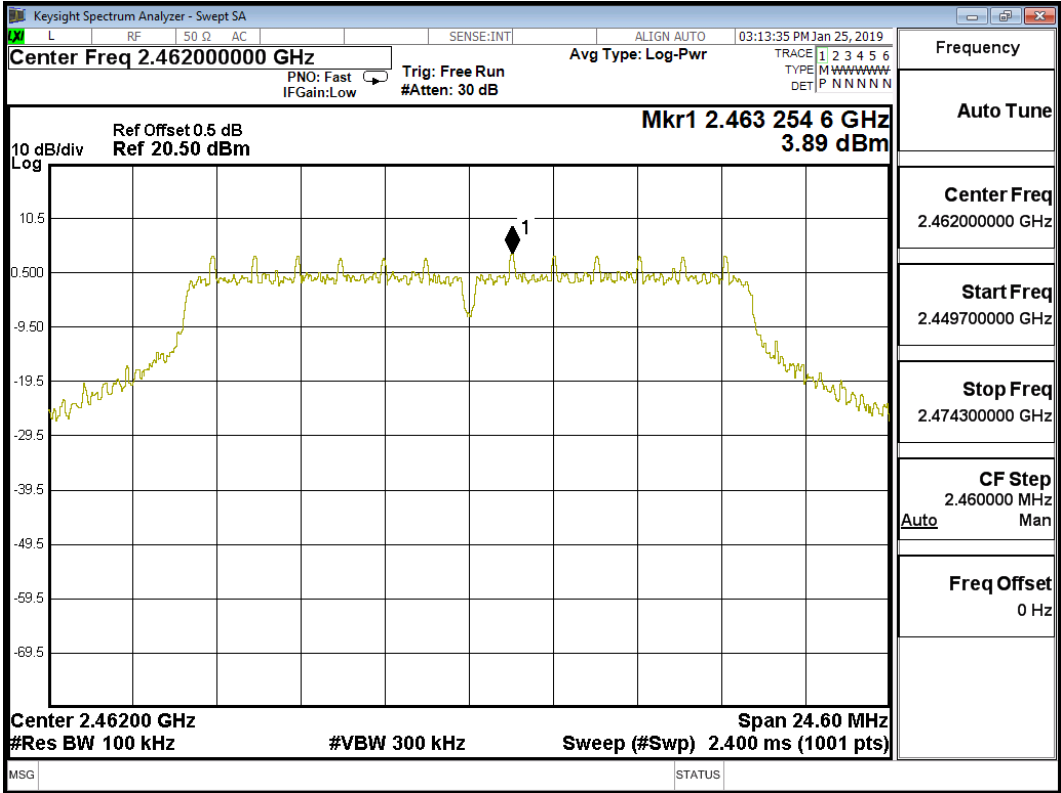


Figure Channel 12:

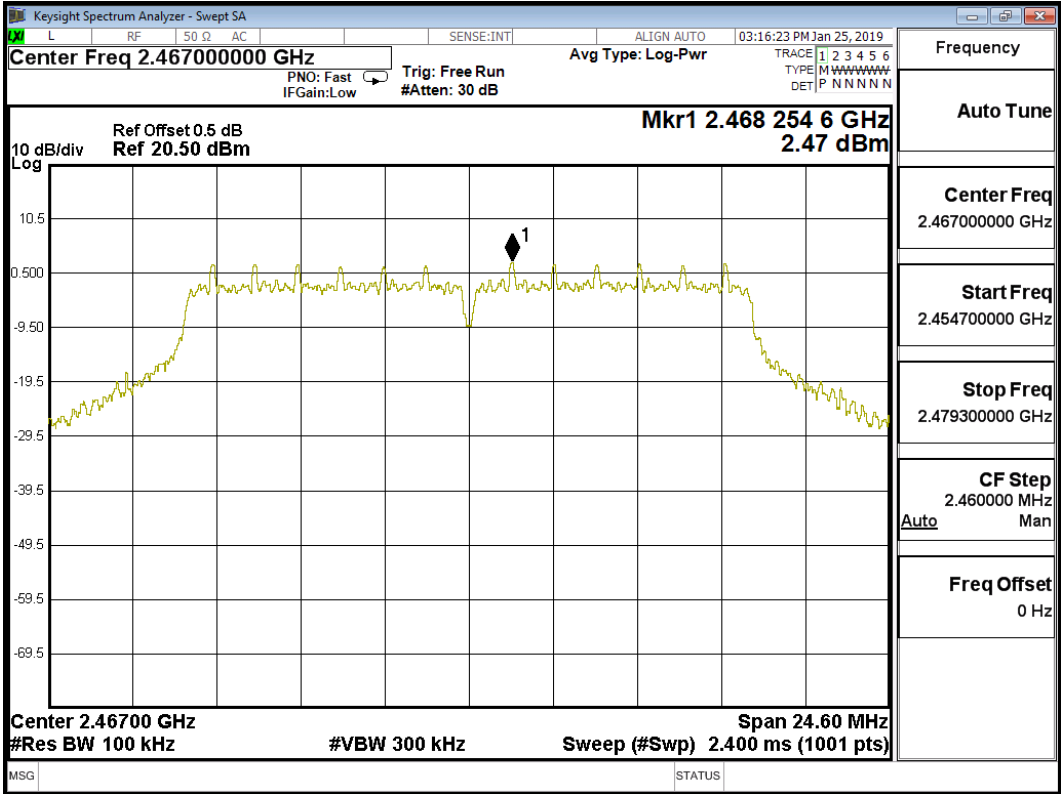
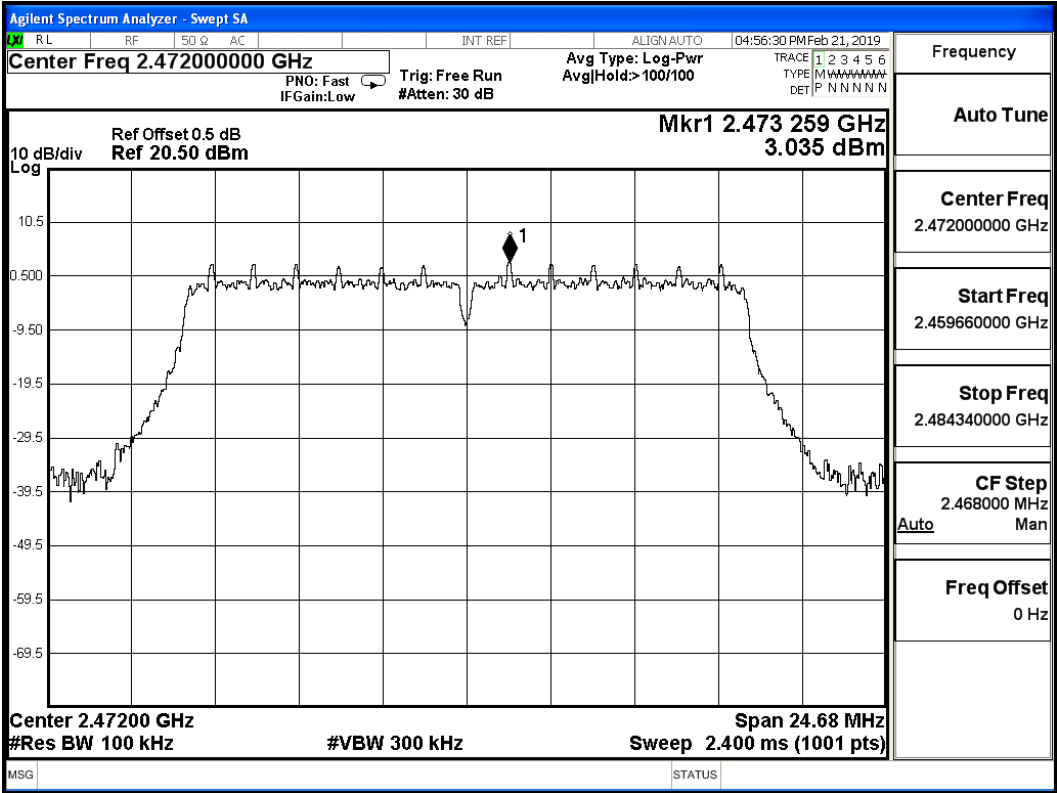


Figure Channel 13:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 1: SISO A: 發射器 802.11n (20MHz)

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	5.73	$\leq 8\text{dBm}$	Pass
07	2442	7.96	$\leq 8\text{dBm}$	Pass
11	2462	3.85	$\leq 8\text{dBm}$	Pass
12	2467	2.41	$\leq 8\text{dBm}$	Pass
13	2472	2.52	$\leq 8\text{dBm}$	Pass

Figure Channel 01:

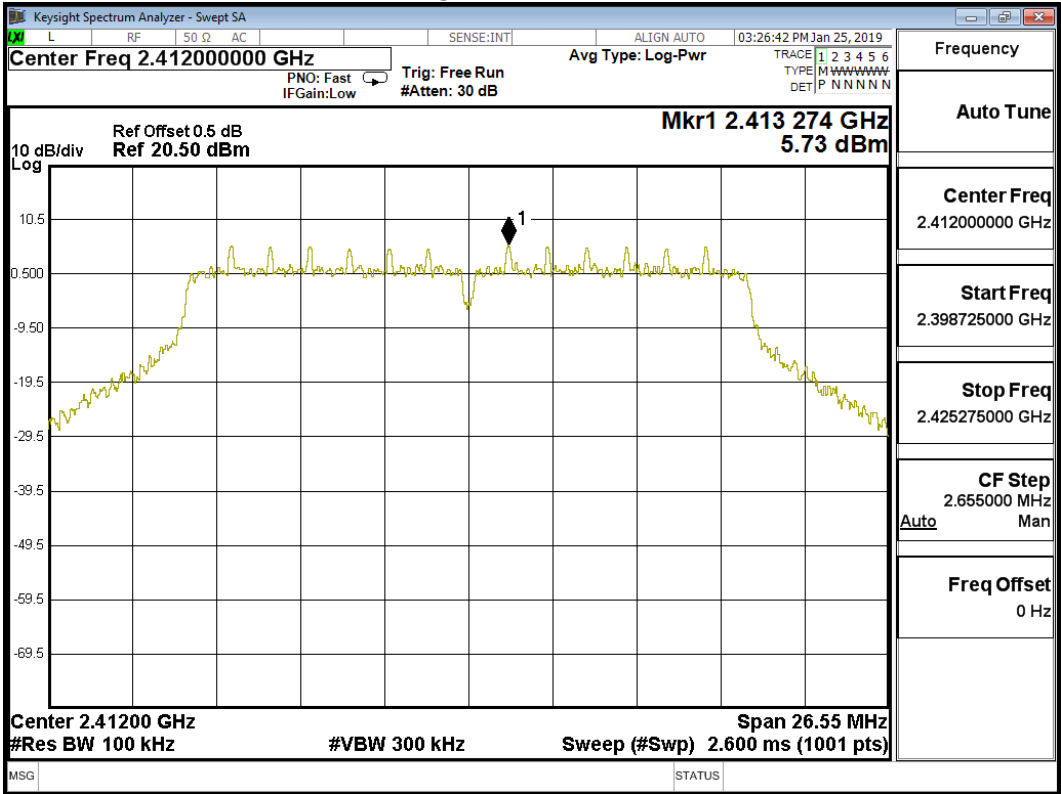


Figure Channel 07:

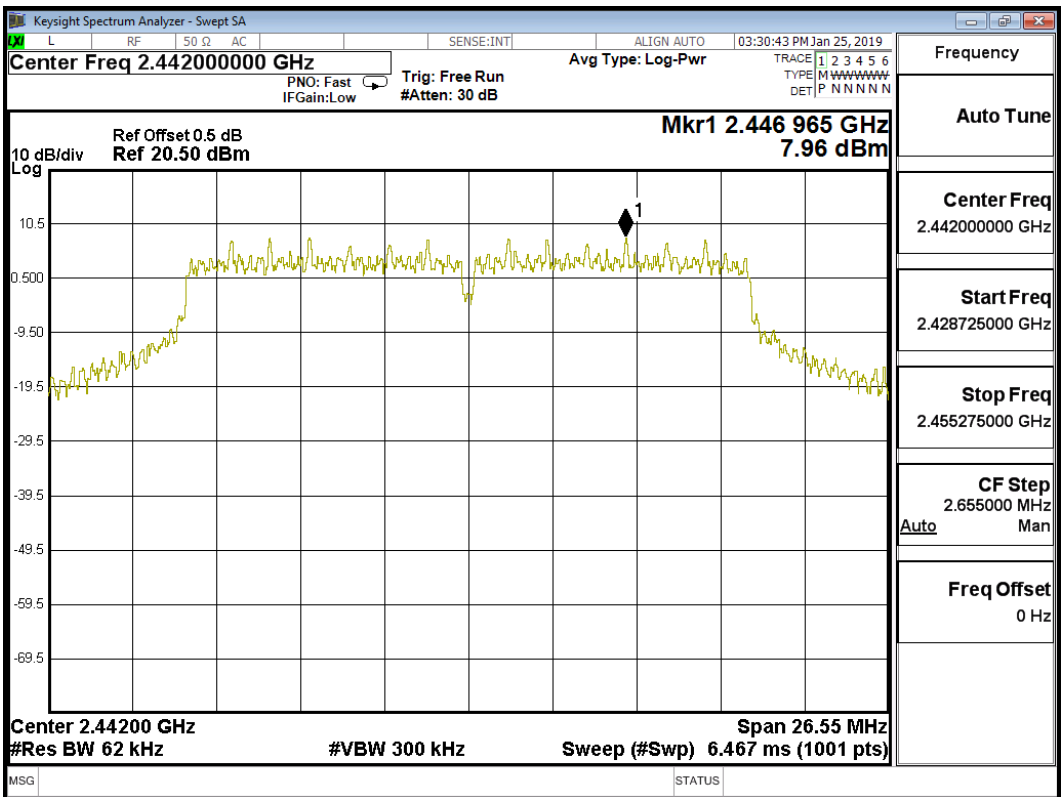


Figure Channel 11:

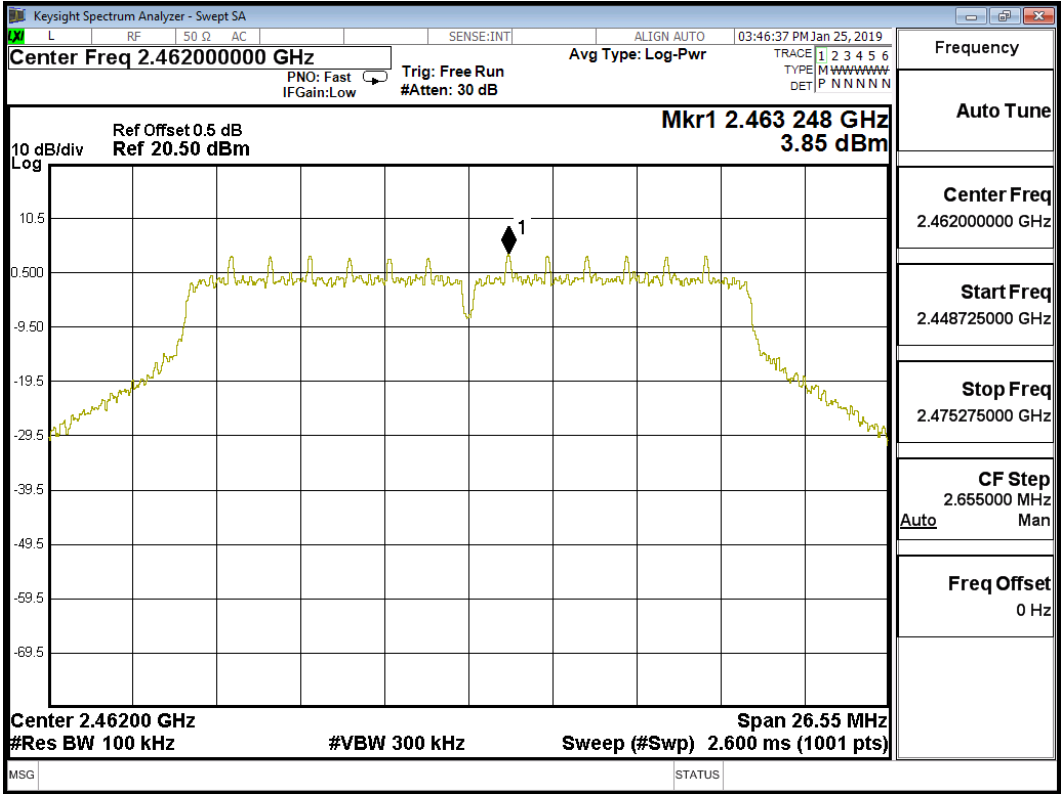


Figure Channel 12:

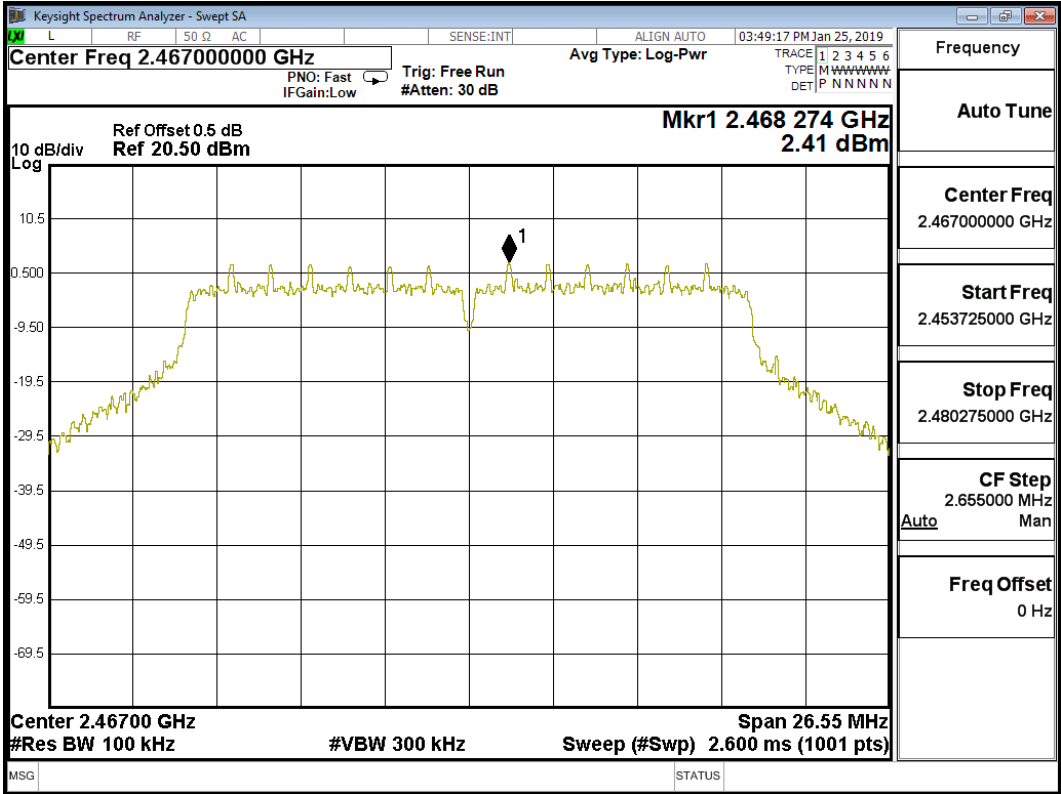
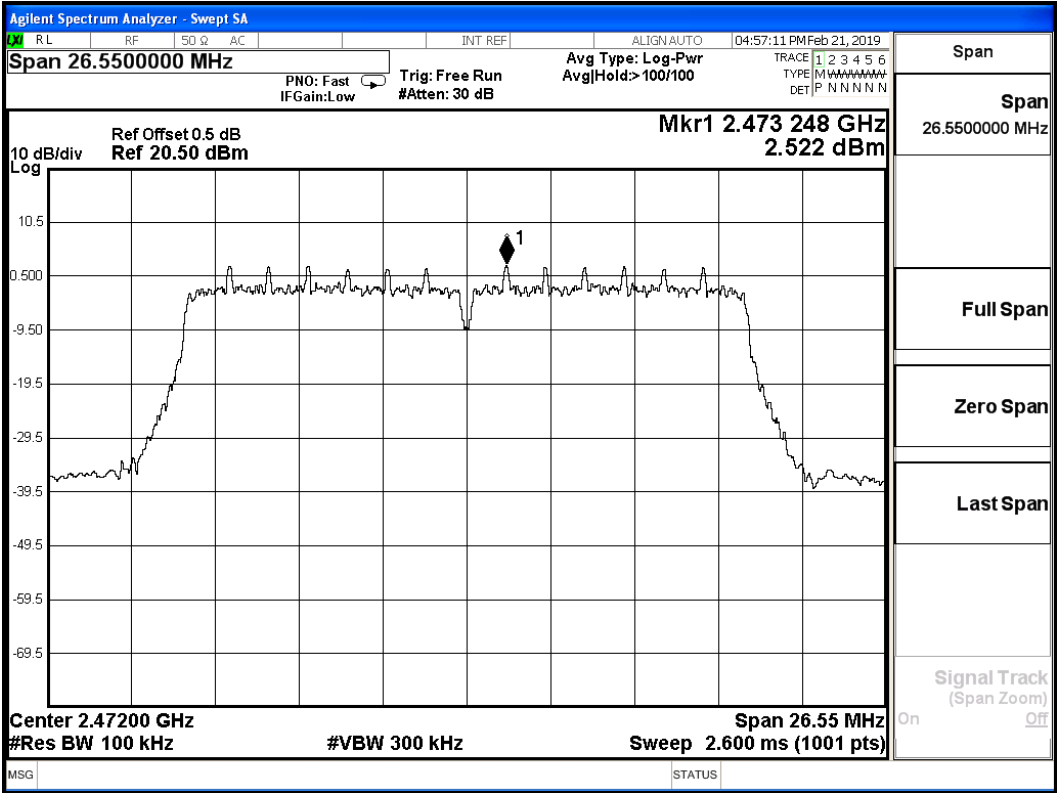


Figure Channel 13:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 1: SISO A: 發射器 802.11n (40MHz)

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
03	2422	3.13	$\leq 8\text{dBm}$	Pass
07	2442	2.53	$\leq 8\text{dBm}$	Pass
09	2452	0.47	$\leq 8\text{dBm}$	Pass
10	2457	-1.97	$\leq 8\text{dBm}$	Pass
11	2462	0.25	$\leq 8\text{dBm}$	Pass

Figure Channel 03:

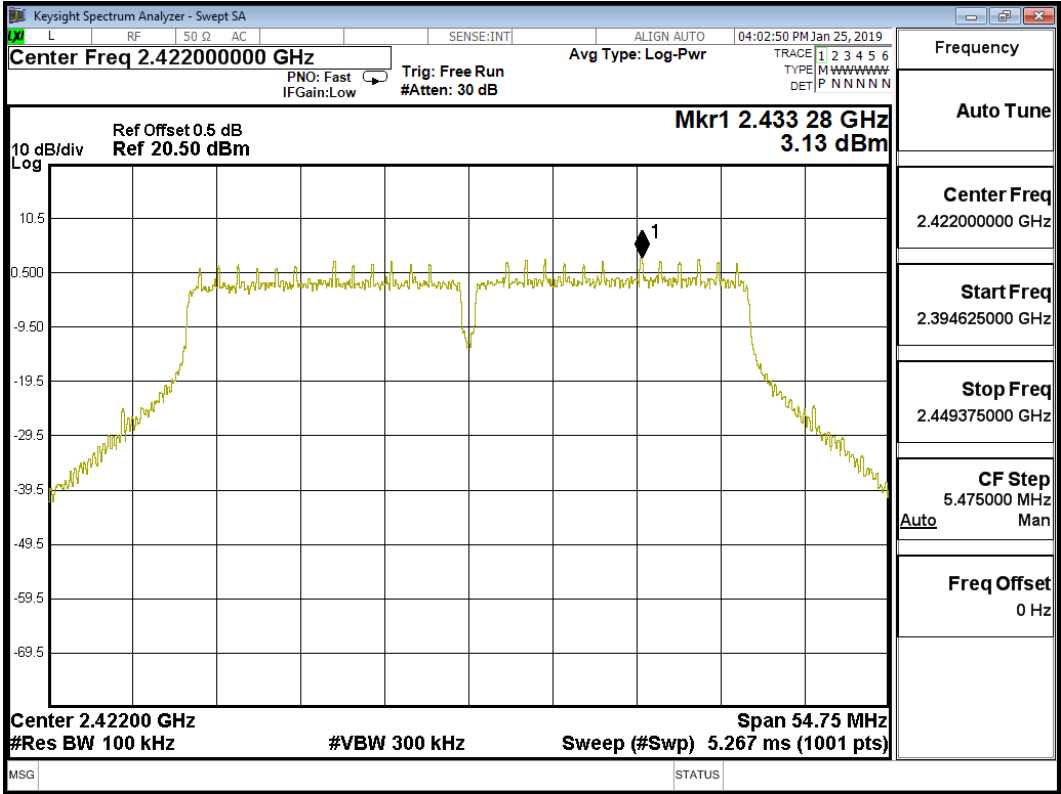


Figure Channel 07:

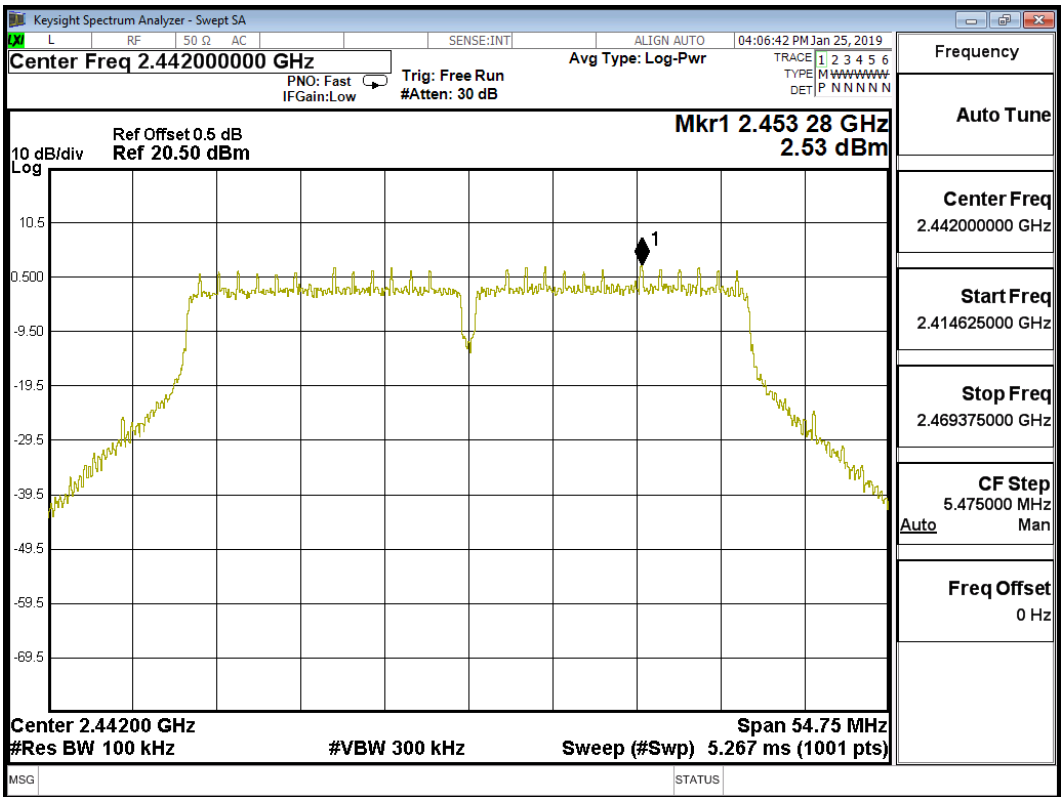


Figure Channel 09:

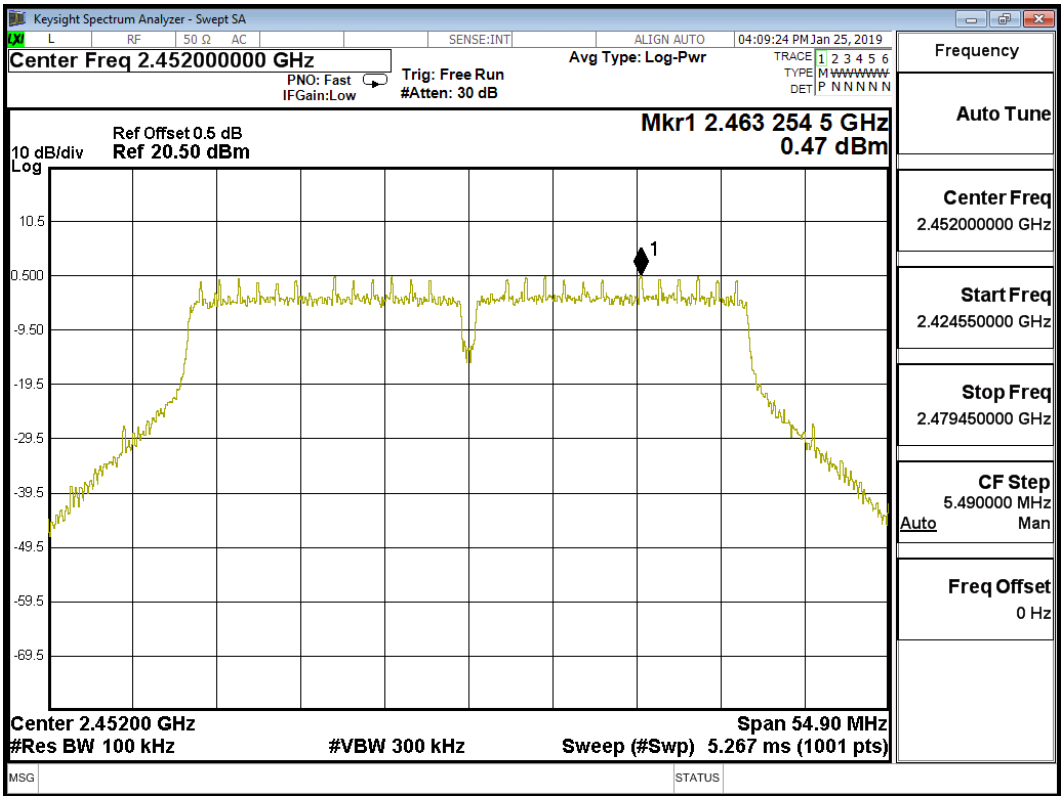


Figure Channel 10:

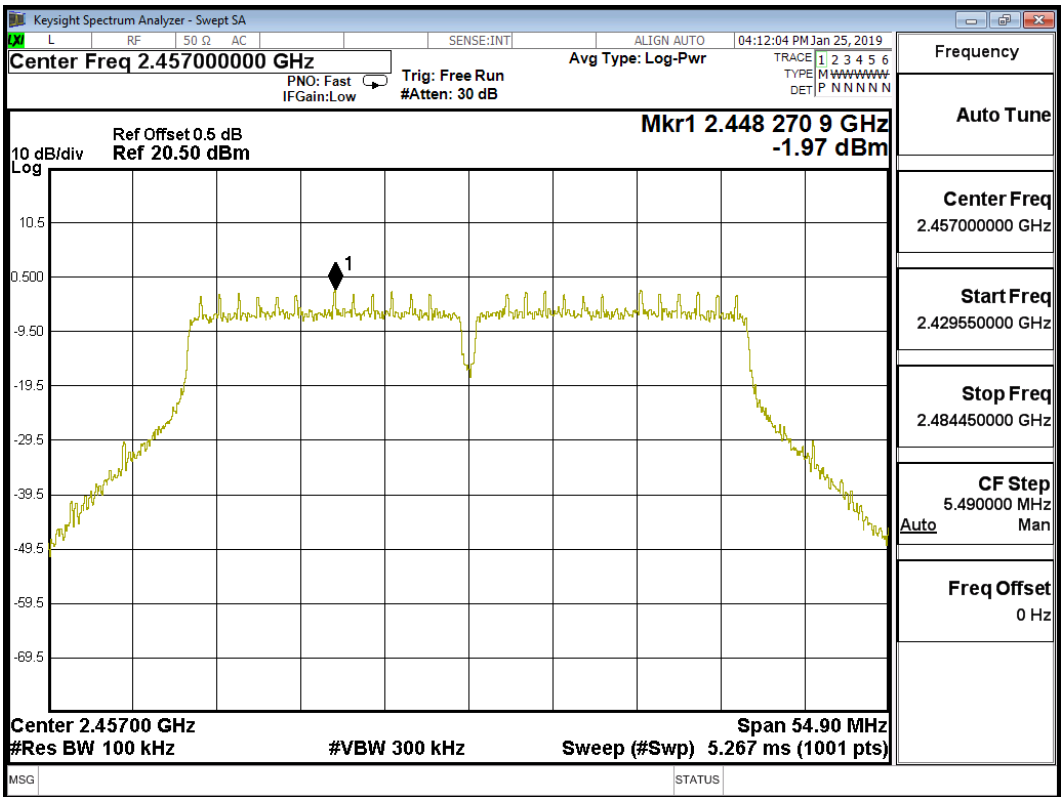
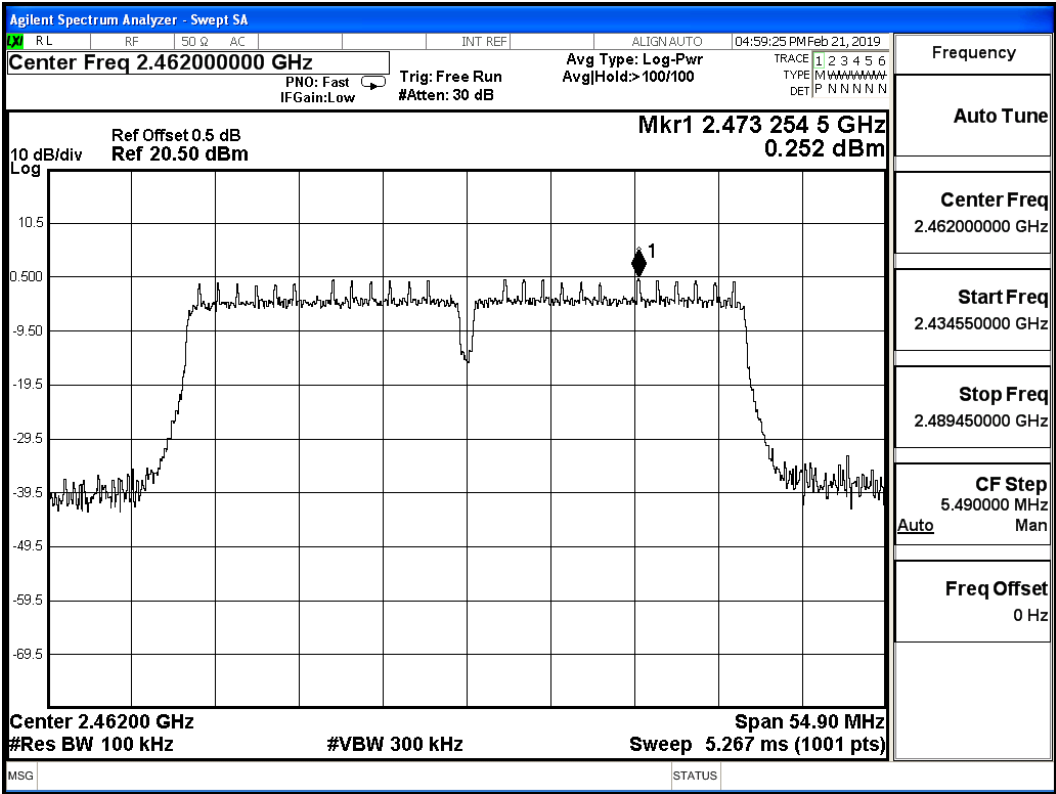


Figure Channel 11:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 2: SISO B: 發射器 802.11b

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	7.17	$\leq 8\text{dBm}$	Pass
07	2442	6.78	$\leq 8\text{dBm}$	Pass
11	2462	7.21	$\leq 8\text{dBm}$	Pass
12	2467	7.8	$\leq 8\text{dBm}$	Pass
13	2472	7.46	$\leq 8\text{dBm}$	Pass

Figure Channel 01:

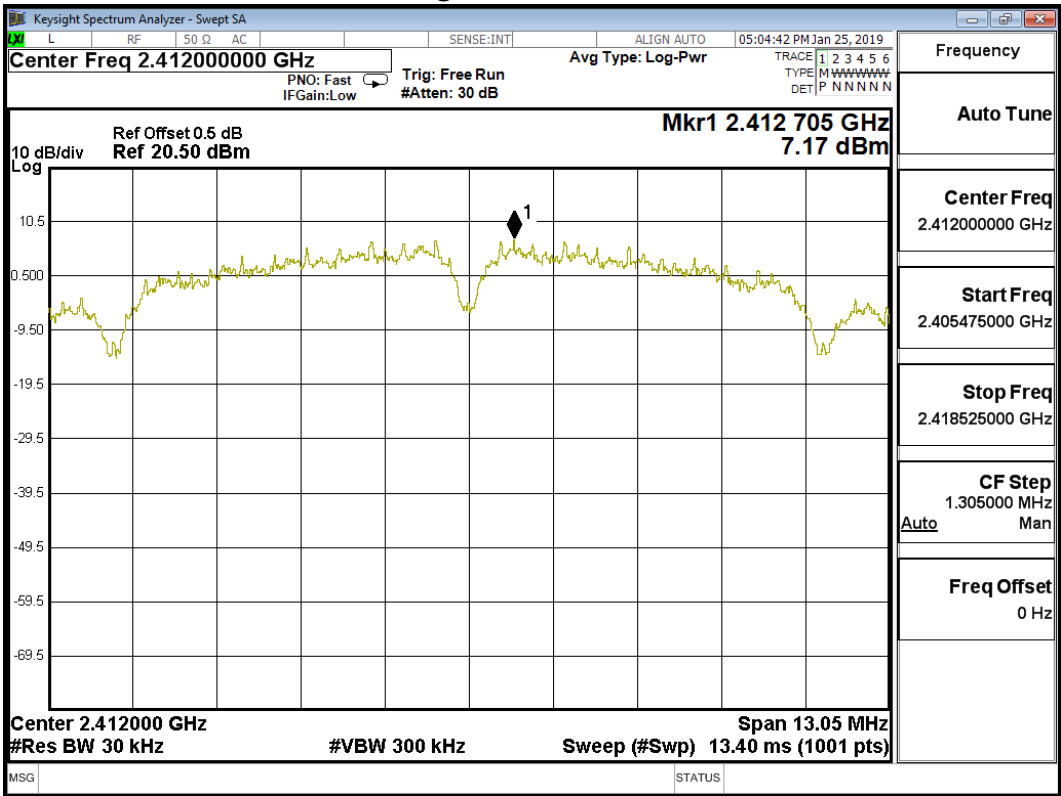


Figure Channel 07:

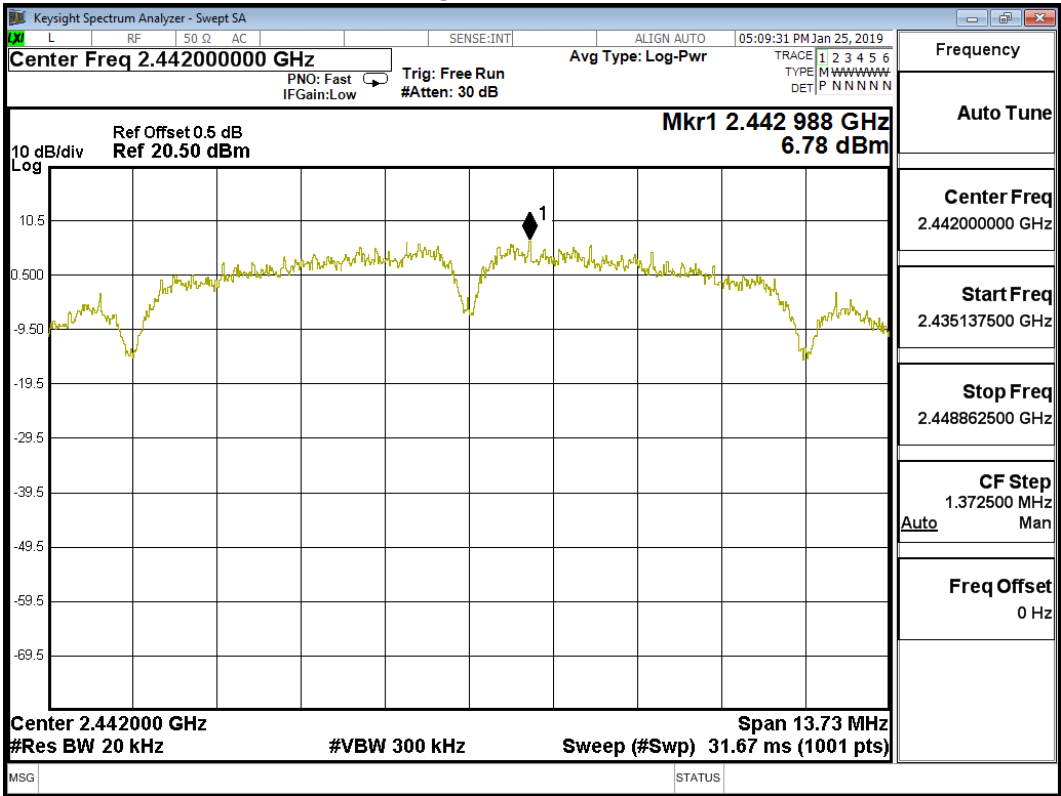


Figure Channel 11:

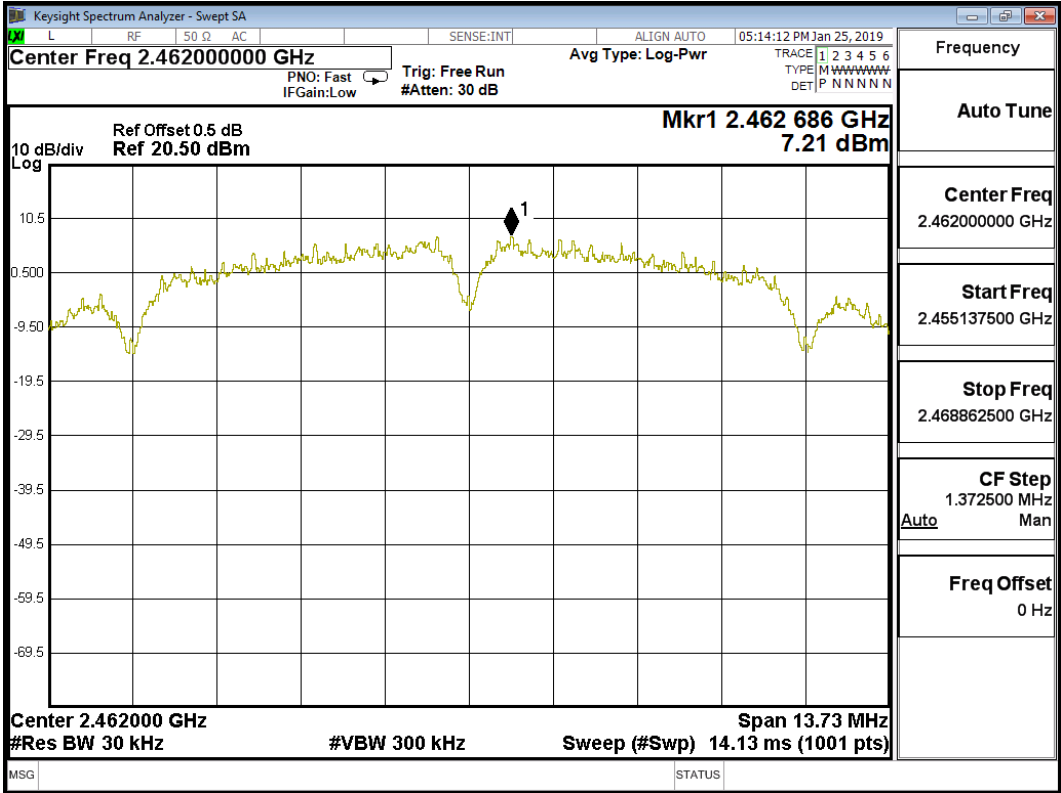


Figure Channel 12:

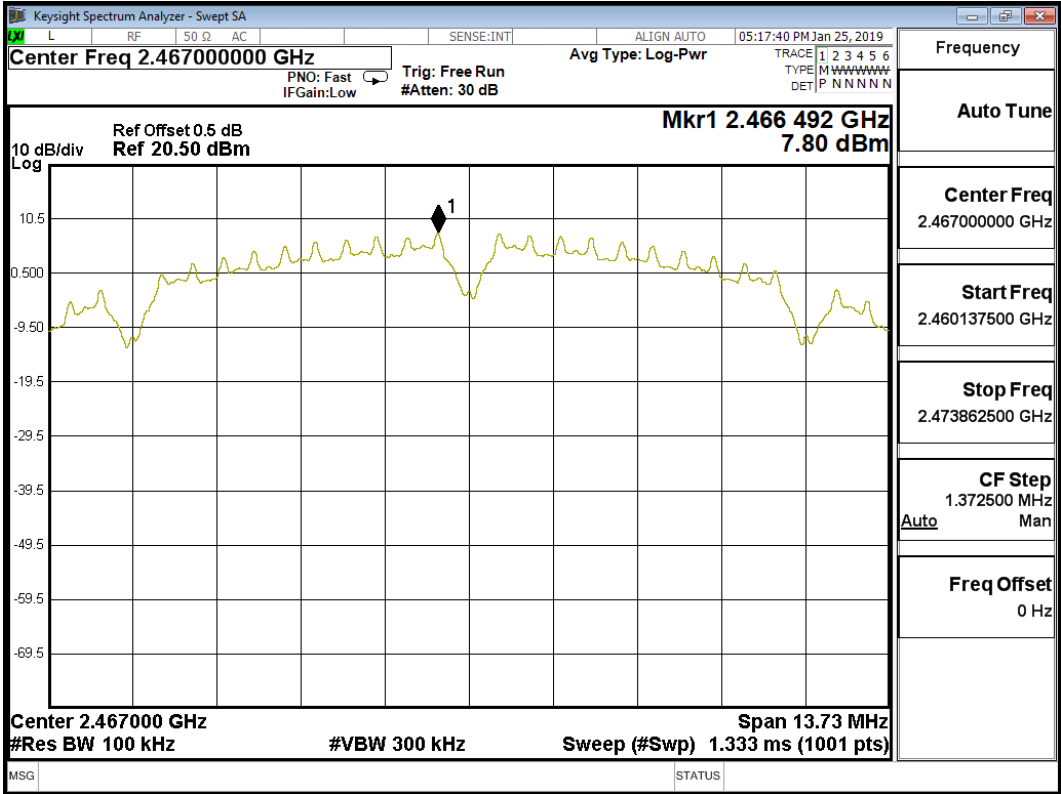
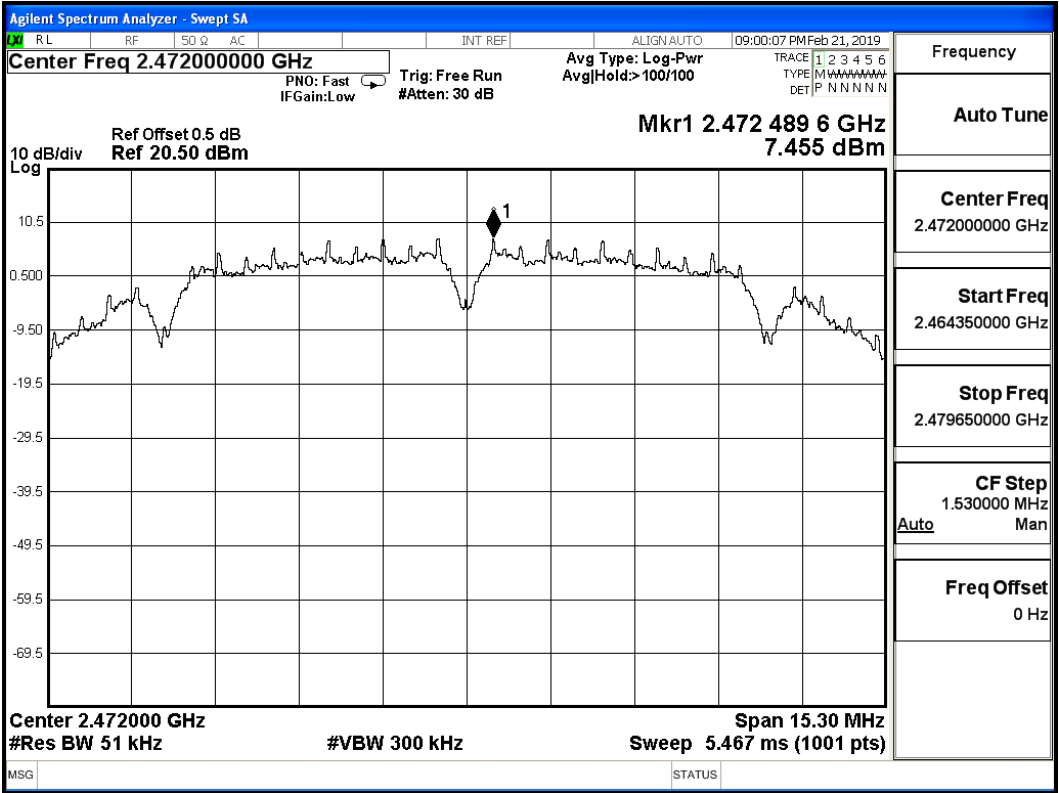


Figure Channel 13:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 2: SISO B: 發射器 802.11g

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	5.49	$\leq 8\text{dBm}$	Pass
07	2442	7.63	$\leq 8\text{dBm}$	Pass
11	2462	4.28	$\leq 8\text{dBm}$	Pass
12	2467	2.35	$\leq 8\text{dBm}$	Pass
13	2472	-1.52	$\leq 8\text{dBm}$	Pass

Figure Channel 01:

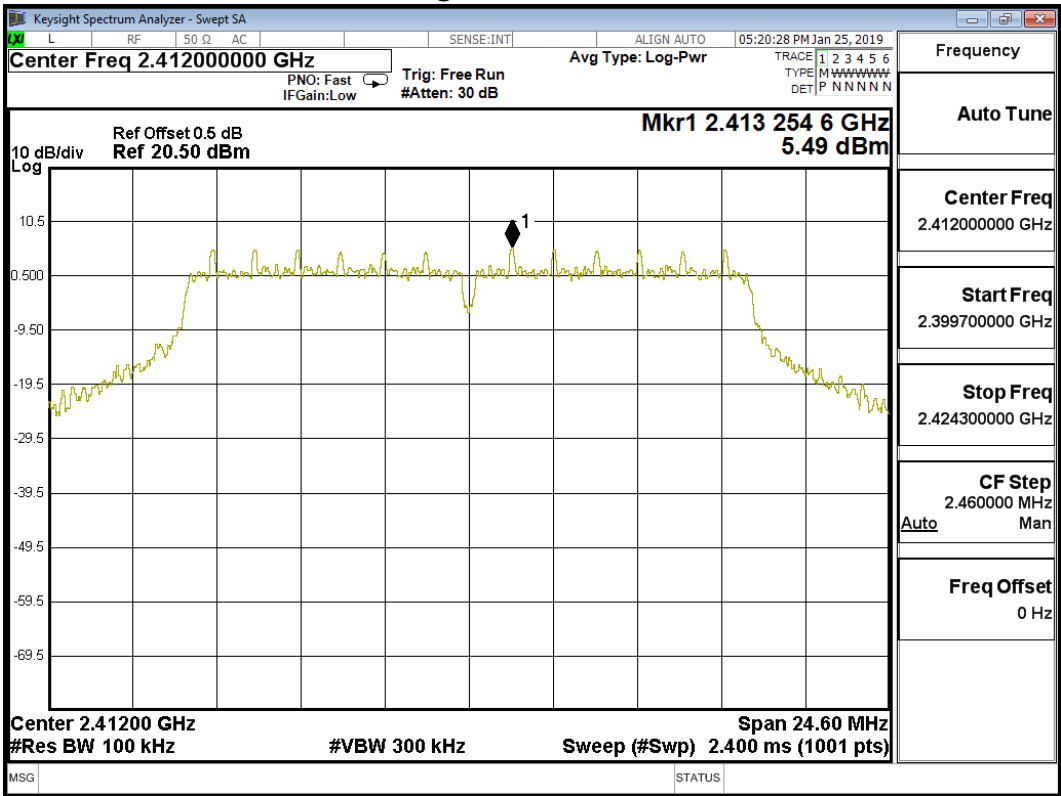


Figure Channel 07:

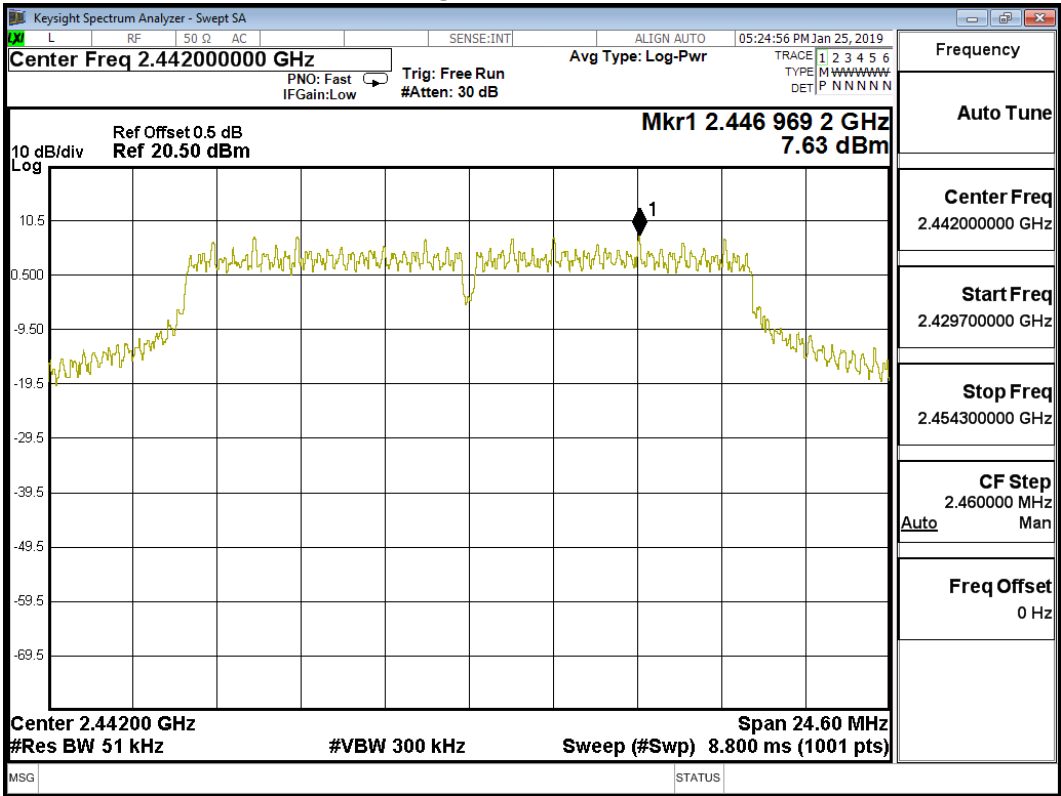


Figure Channel 11:

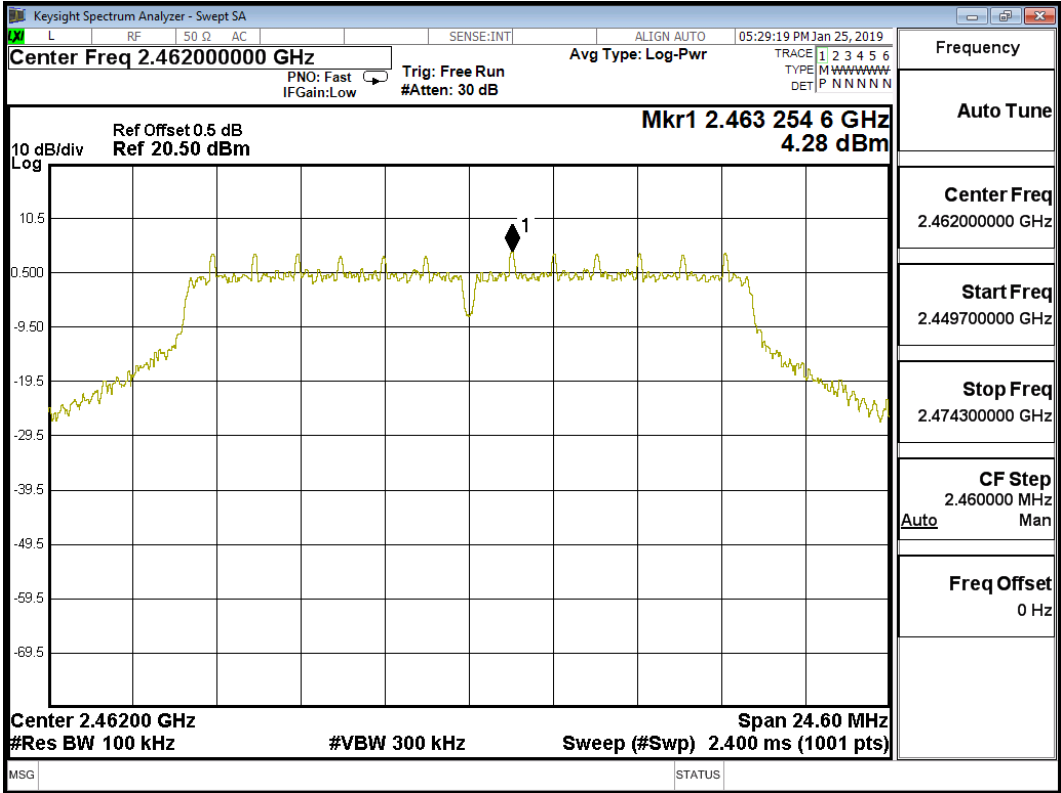


Figure Channel 12:

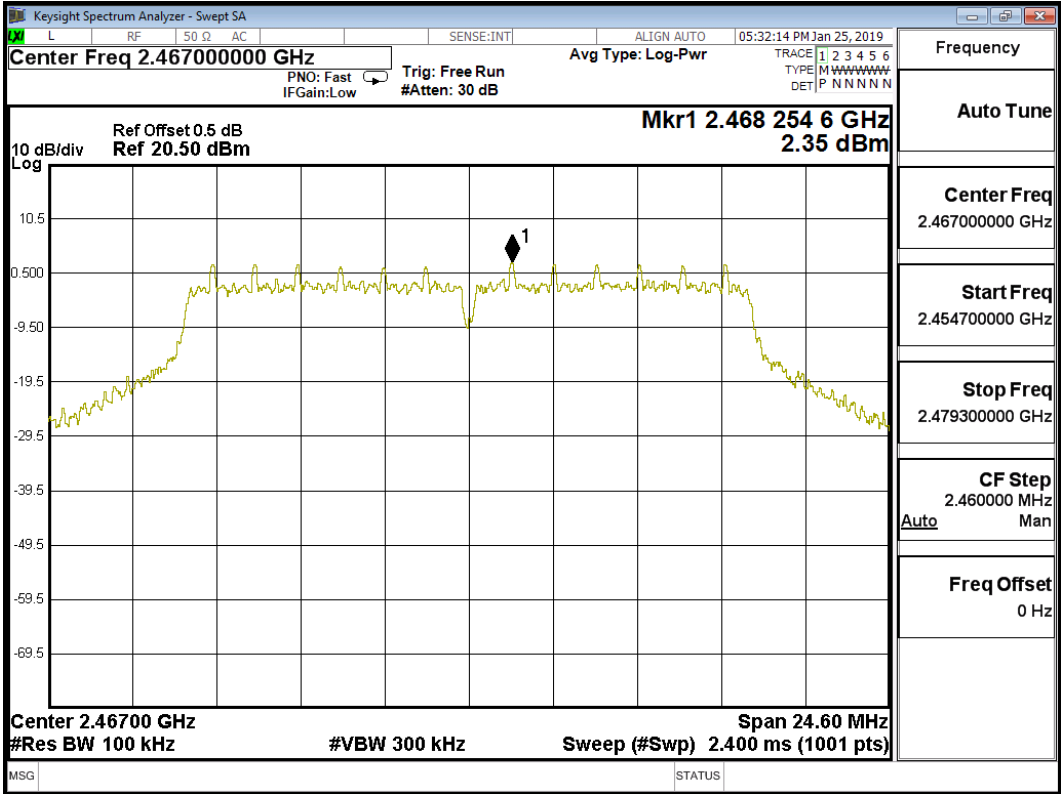
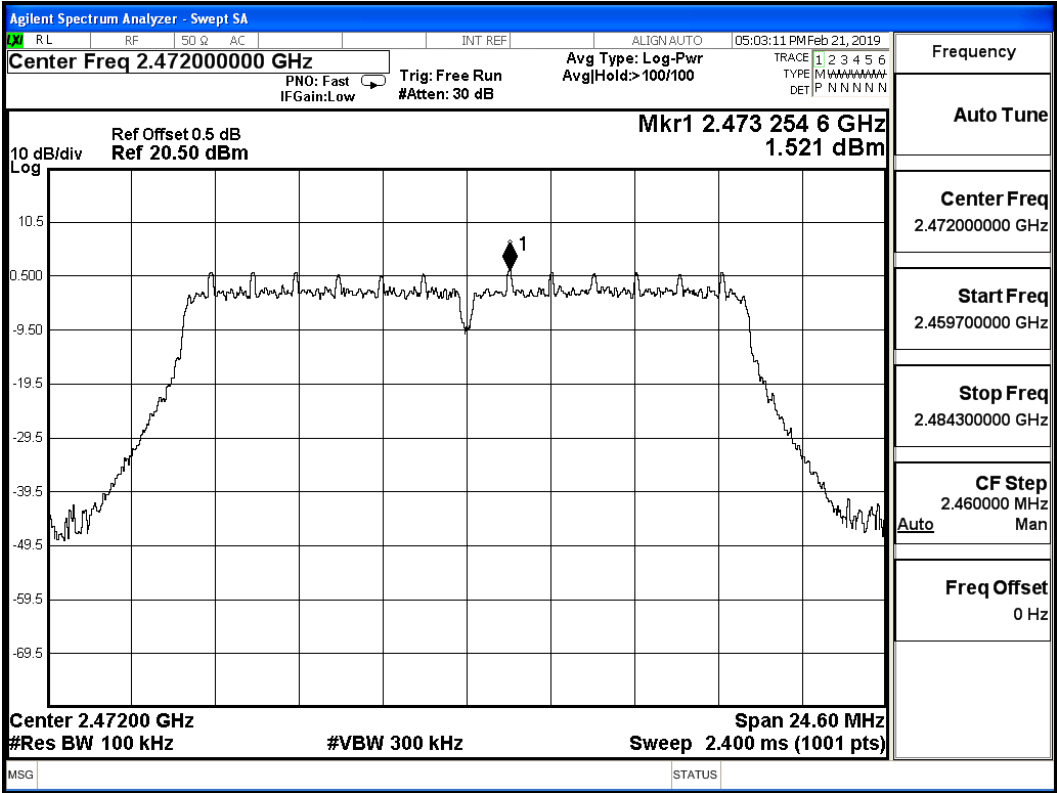


Figure Channel 13:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 2: SISO B: 發射器 802.11n (20MHz)

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	5.52	$\leq 8\text{dBm}$	Pass
07	2442	7.72	$\leq 8\text{dBm}$	Pass
11	2462	4.27	$\leq 8\text{dBm}$	Pass
12	2467	2.33	$\leq 8\text{dBm}$	Pass
13	2472	1.03	$\leq 8\text{dBm}$	Pass

Figure Channel 01:

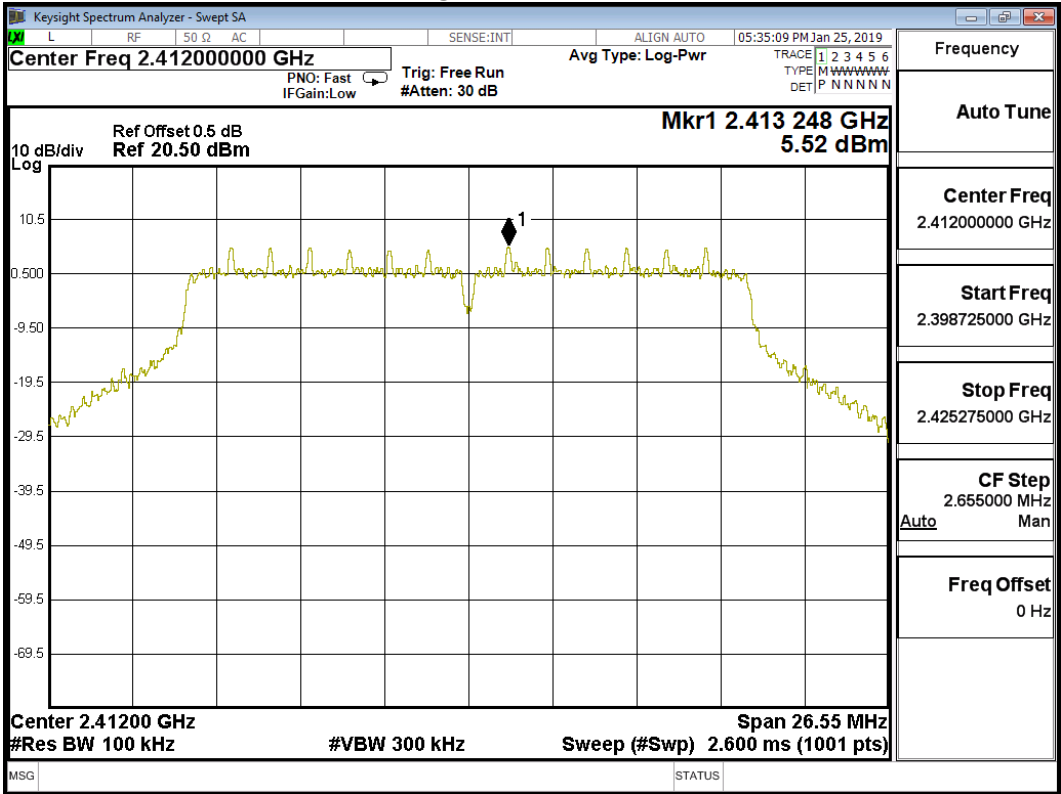


Figure Channel 07:

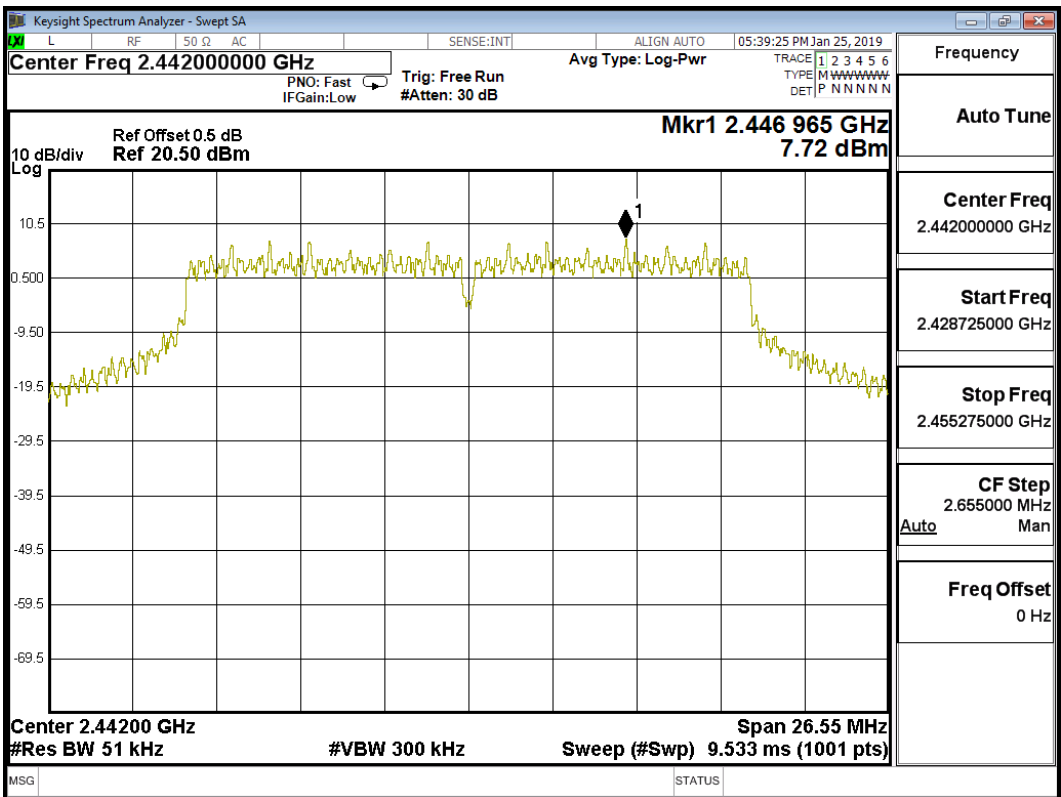


Figure Channel 11:

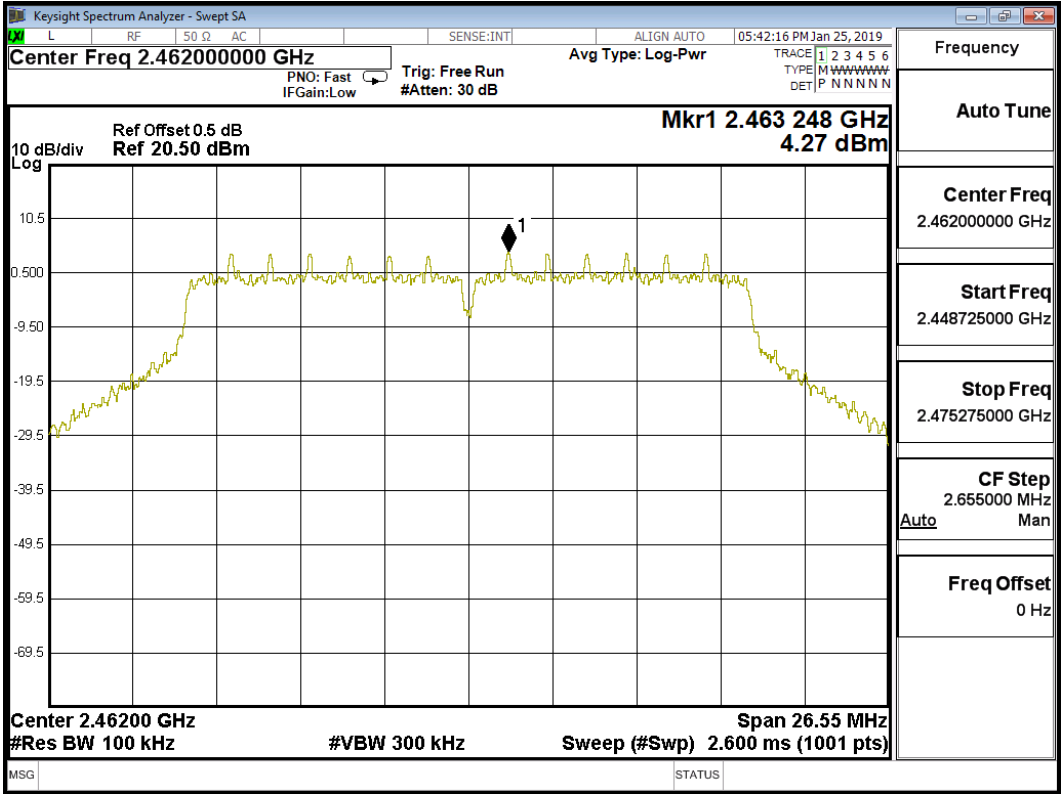


Figure Channel 12:

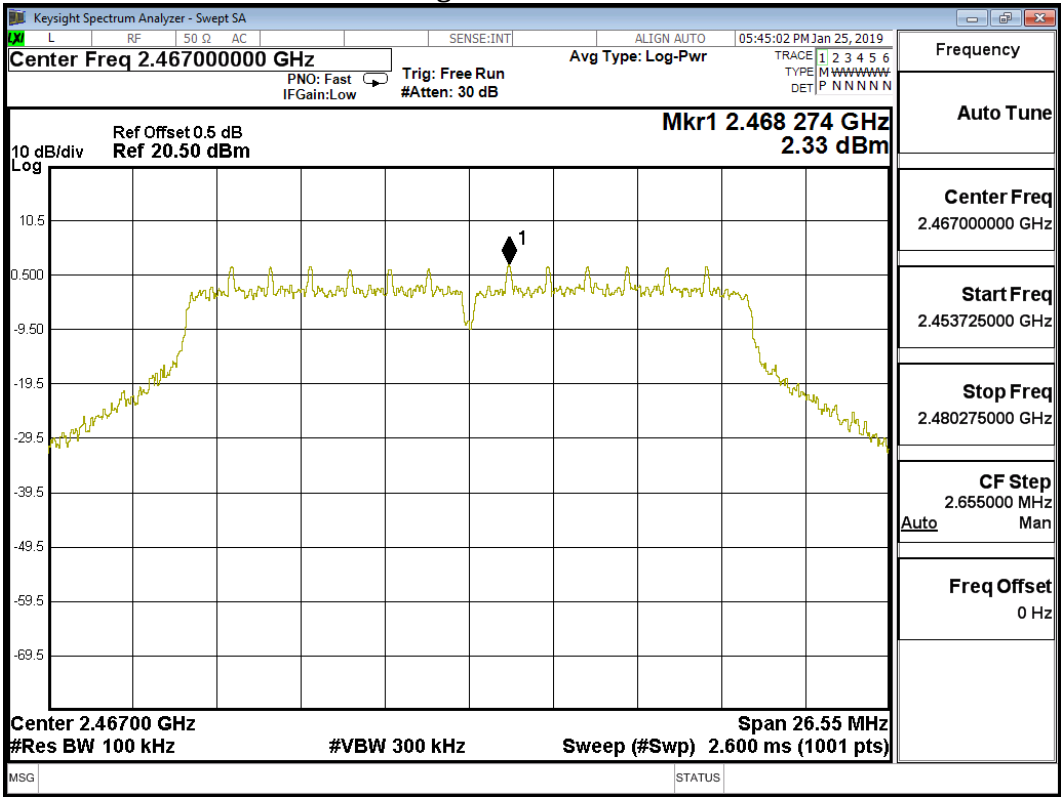
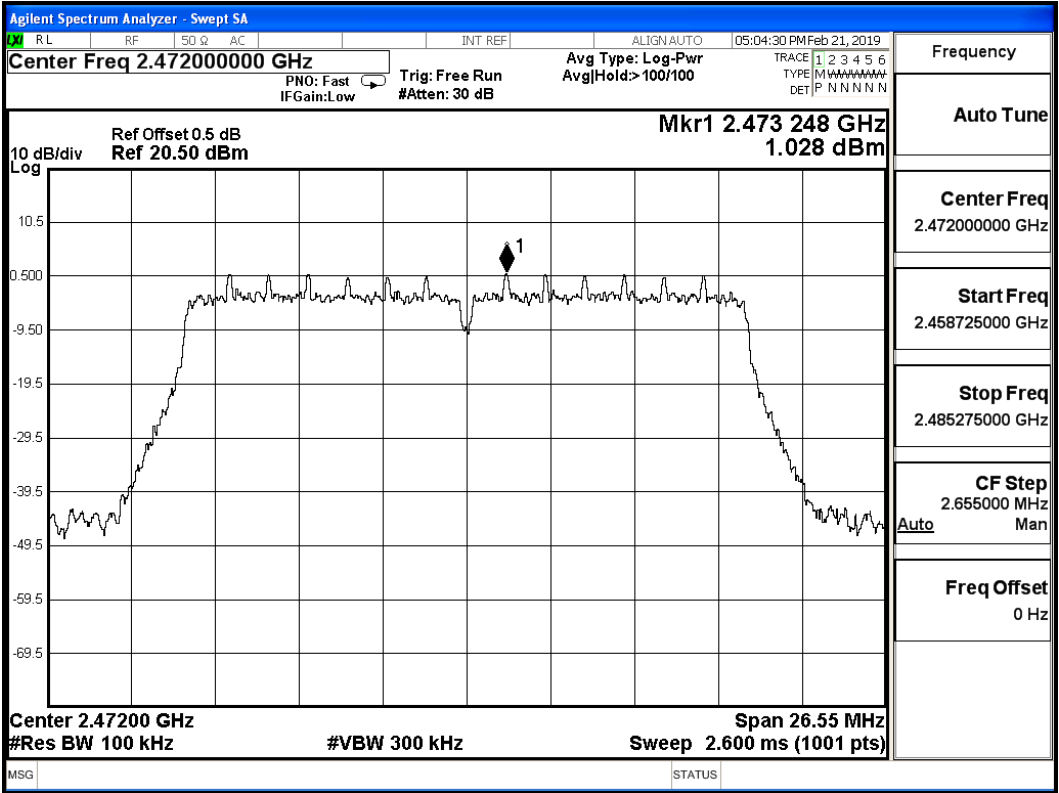


Figure Channel 13:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 2: SISO B: 發射器 802.11n (40MHz)

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
03	2422	3.13	$\leq 8\text{dBm}$	Pass
07	2442	3.15	$\leq 8\text{dBm}$	Pass
09	2452	1.22	$\leq 8\text{dBm}$	Pass
10	2457	-1.79	$\leq 8\text{dBm}$	Pass
11	2462	-1.24	$\leq 8\text{dBm}$	Pass

Figure Channel 03:

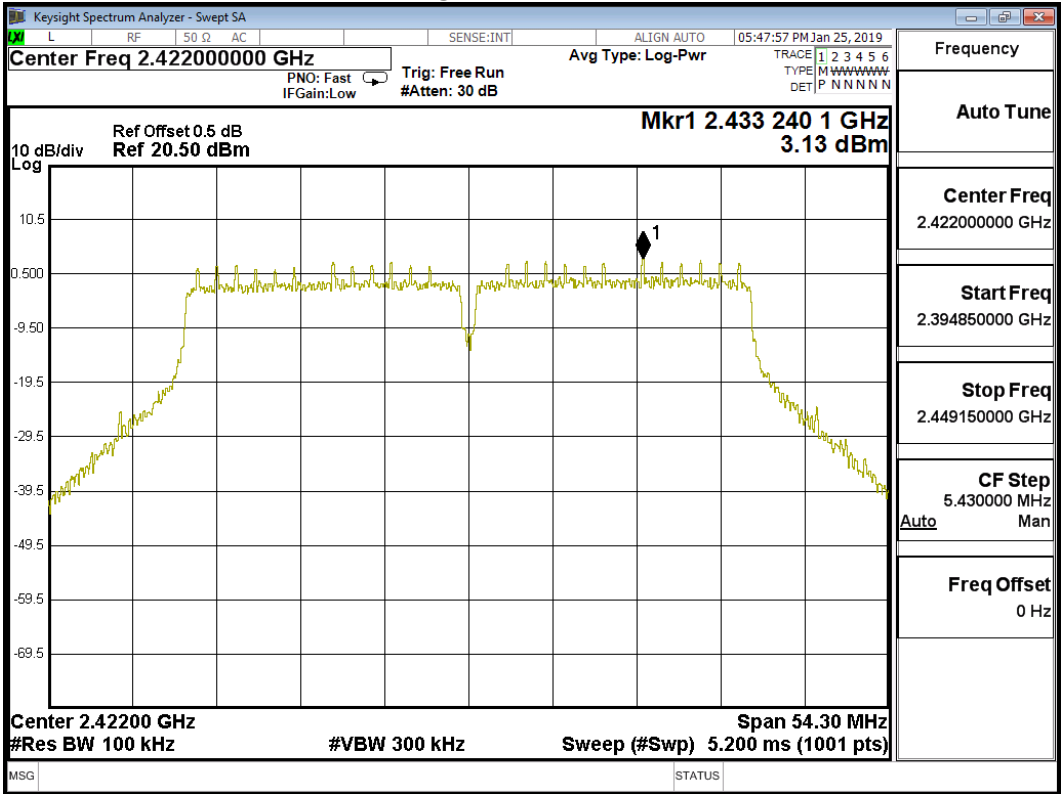


Figure Channel 07:

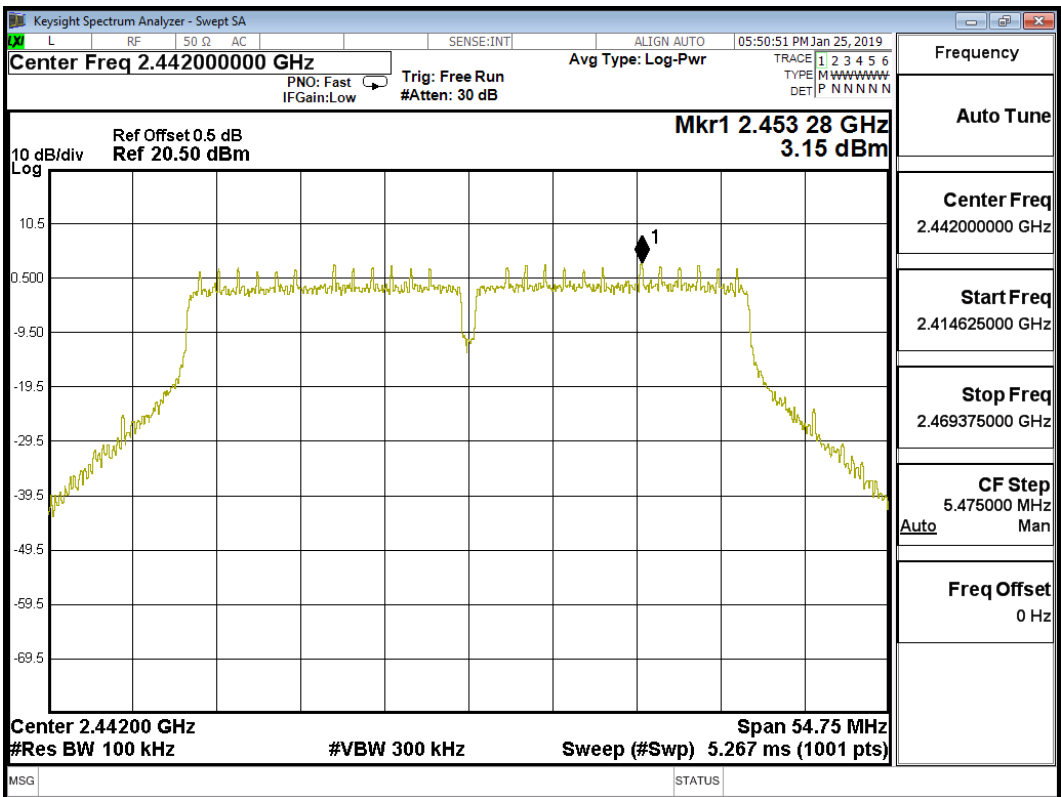


Figure Channel 09:

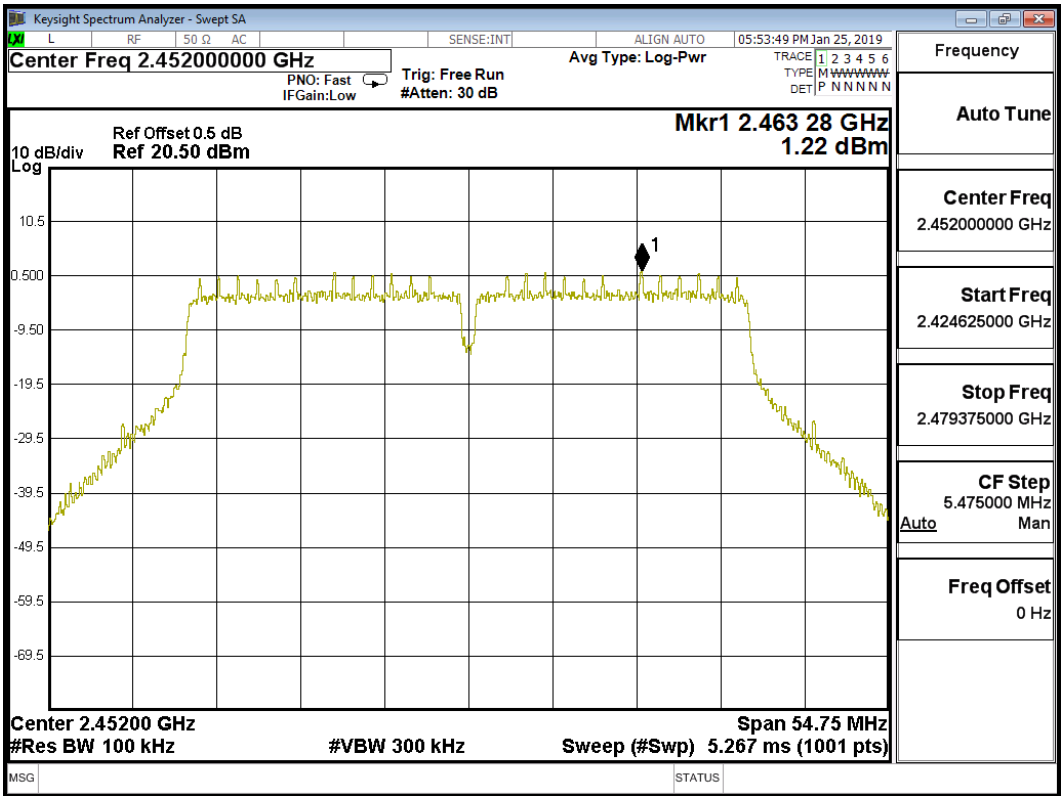


Figure Channel 10:

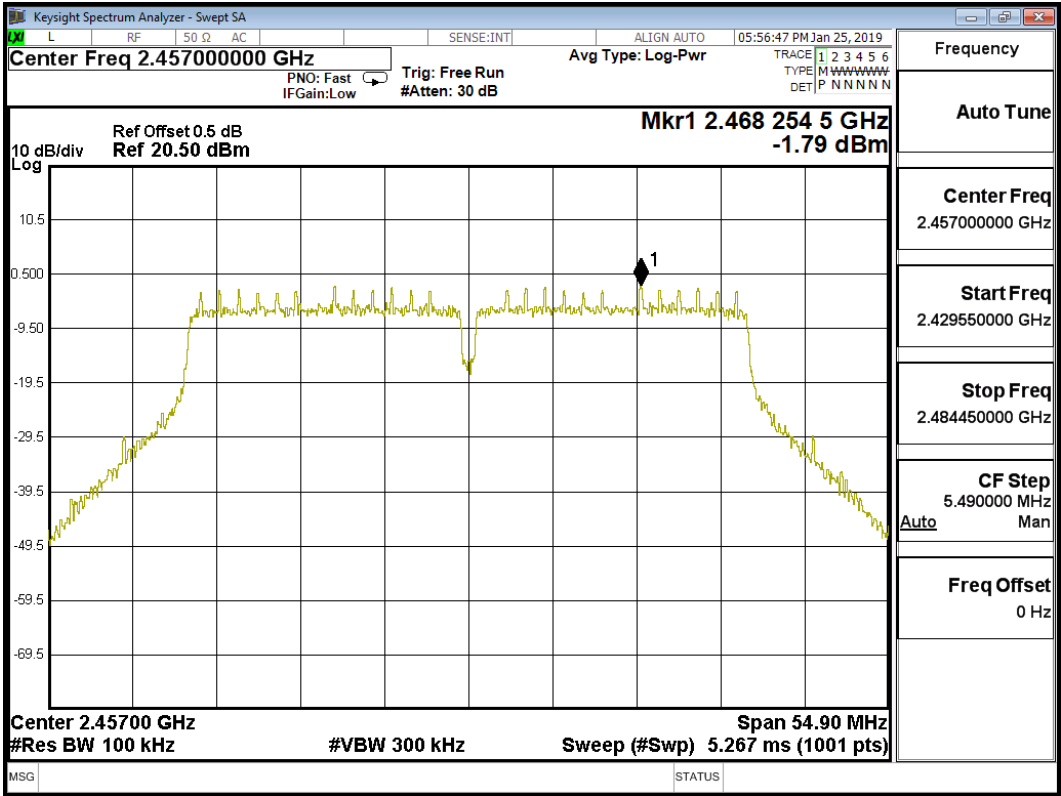
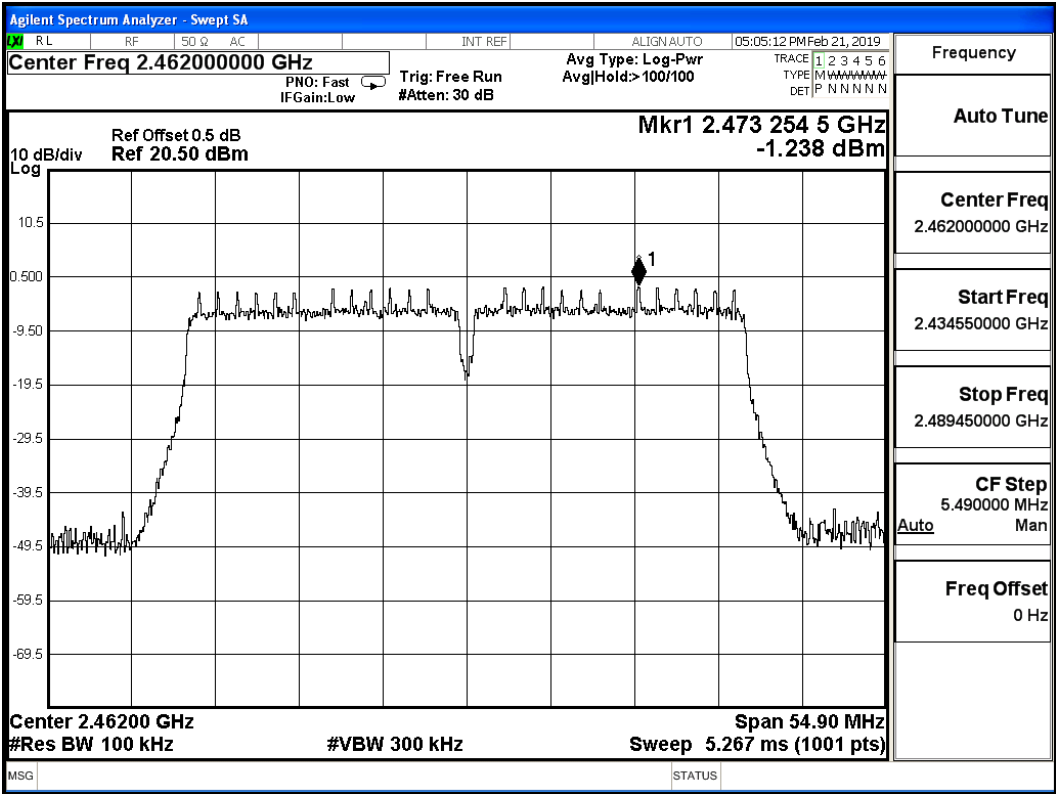


Figure Channel 11:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試項目：功率密度

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11n (20MHz)

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：108 年 01 月 28 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain	PPSD/MHz (dBm)	10*log(2) (dB)	Measure Level (dBm)	Limit (dBm)	Result
01	2412.000	A	4.220	3.010	7.230	≤ 8dBm	Pass
		B	3.870	3.010	6.880	≤ 8dBm	Pass
07	2442.000	A	4.230	3.010	7.240	≤ 8dBm	Pass
		B	4.360	3.010	7.370	≤ 8dBm	Pass
11	2462.000	A	2.850	3.010	5.860	≤ 8dBm	Pass
		B	2.510	3.010	5.520	≤ 8dBm	Pass
12	2467.00	A	0.920	3.010	3.930	≤ 8dBm	Pass
		B	0.480	3.010	3.490	≤ 8dBm	Pass
13	2472.00	A	2.225	3.010	5.235	≤ 8dBm	Pass
		B	1.669	3.010	4.679	≤ 8dBm	Pass

Note:

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

Figure Channel 01: (Chain A)

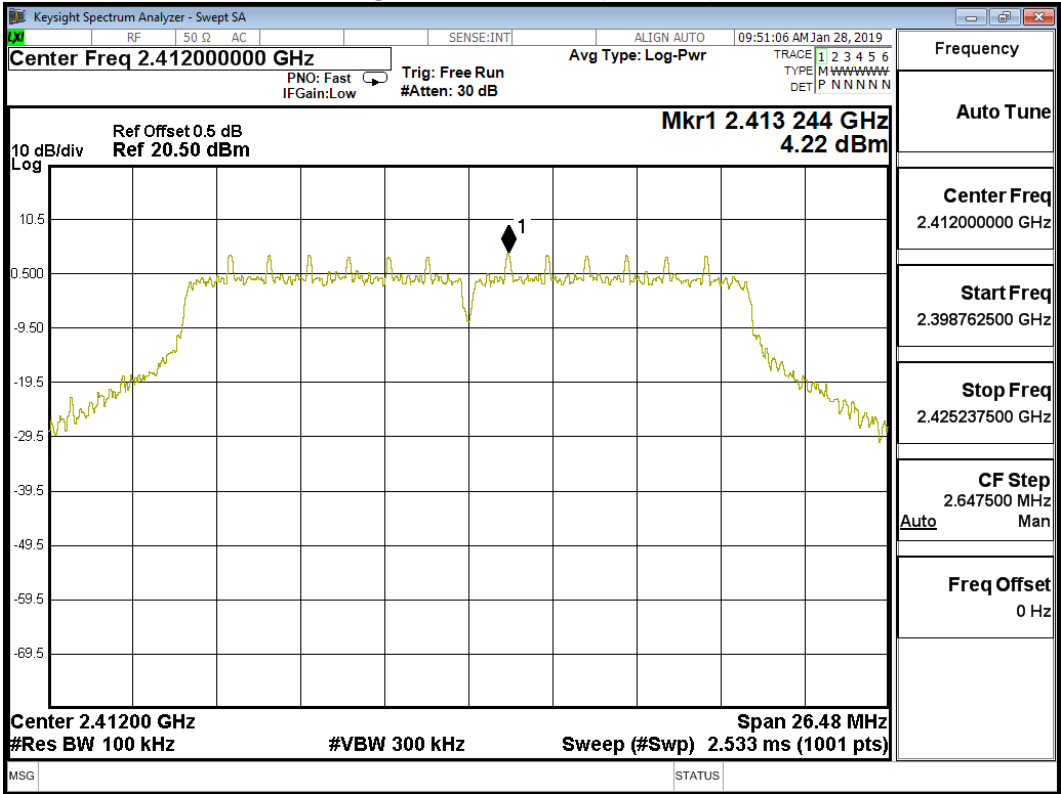


Figure Channel 01: (Chain B)

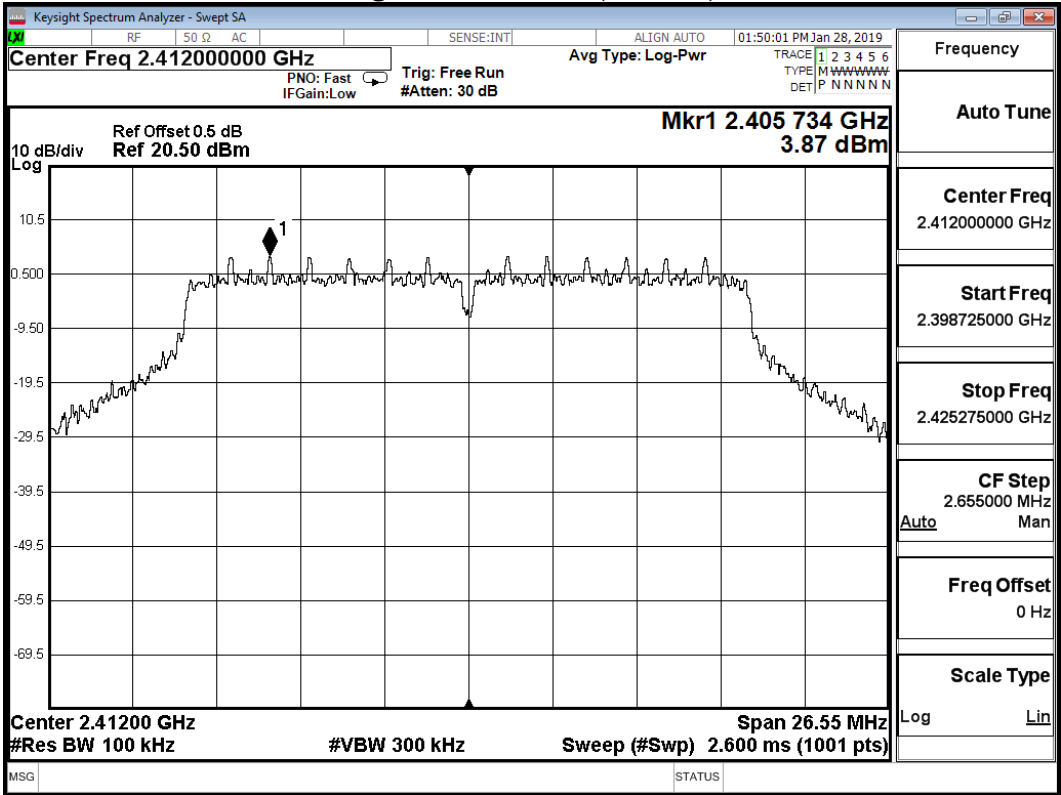


Figure Channel 07: (Chain A)

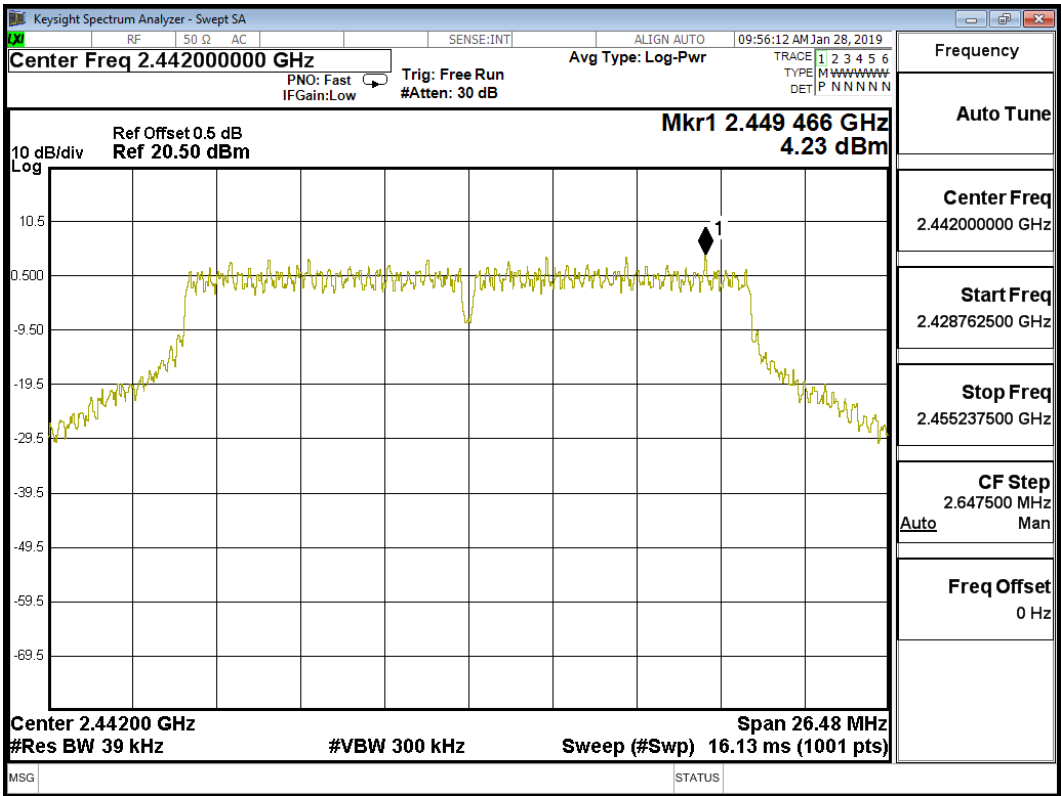


Figure Channel 07: (Chain B)

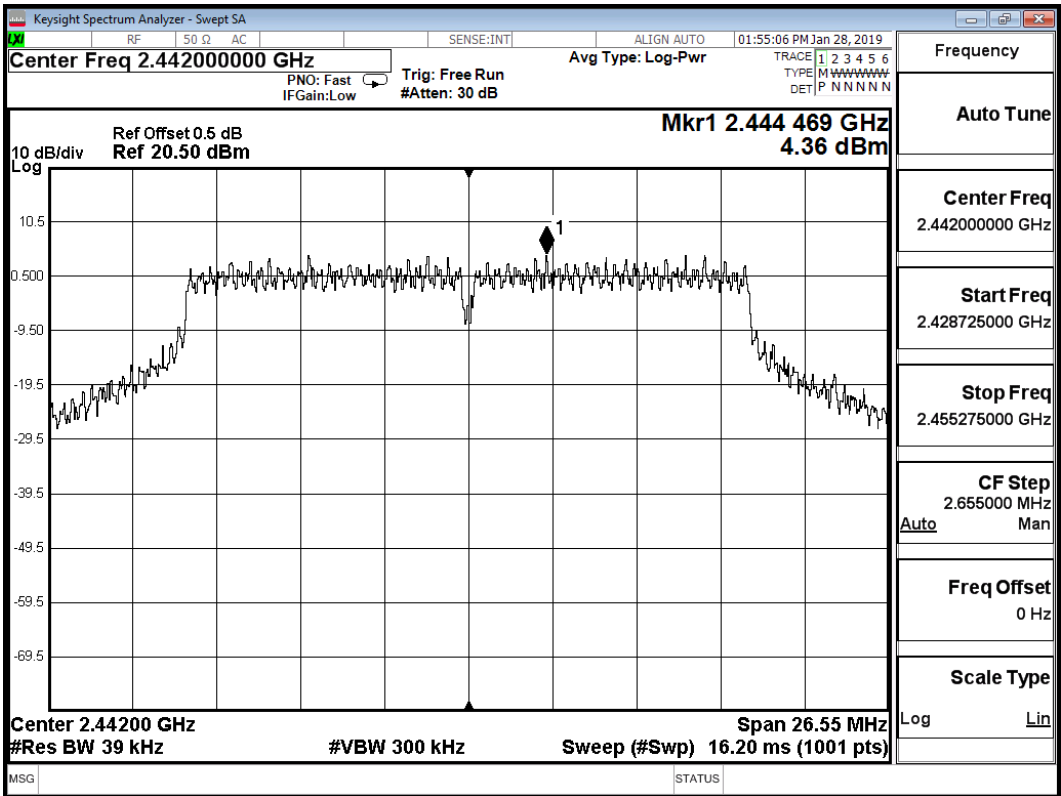


Figure Channel 11: (Chain A)

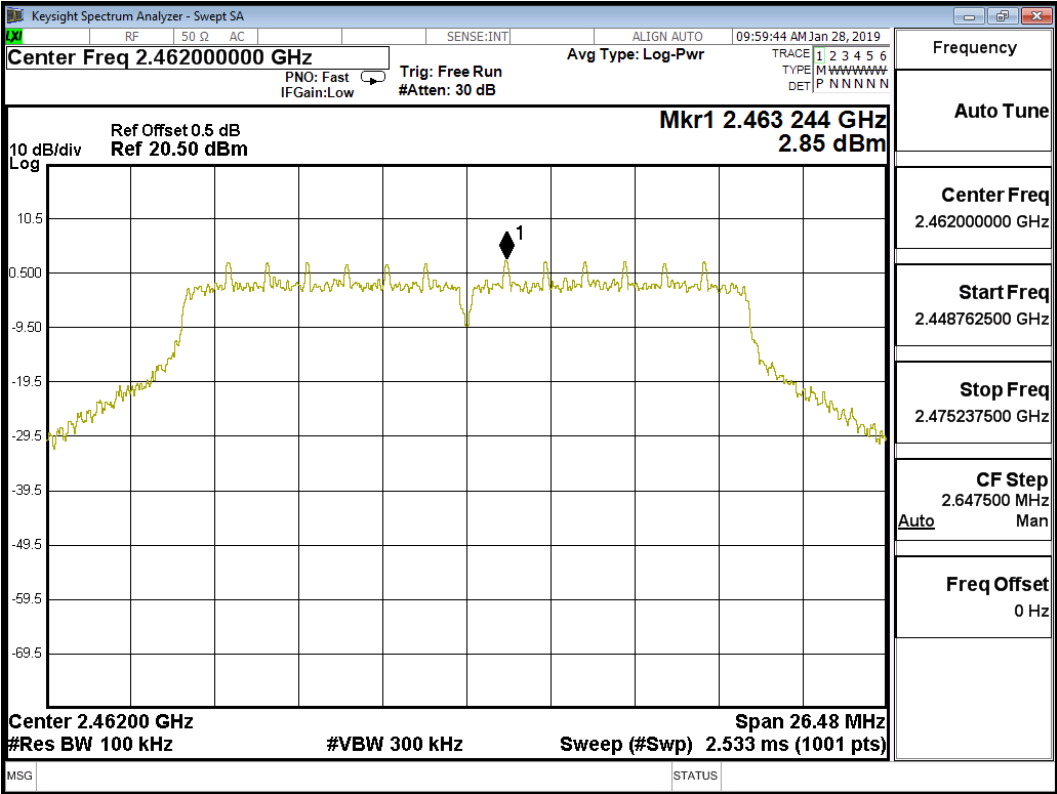


Figure Channel 11: (Chain B)

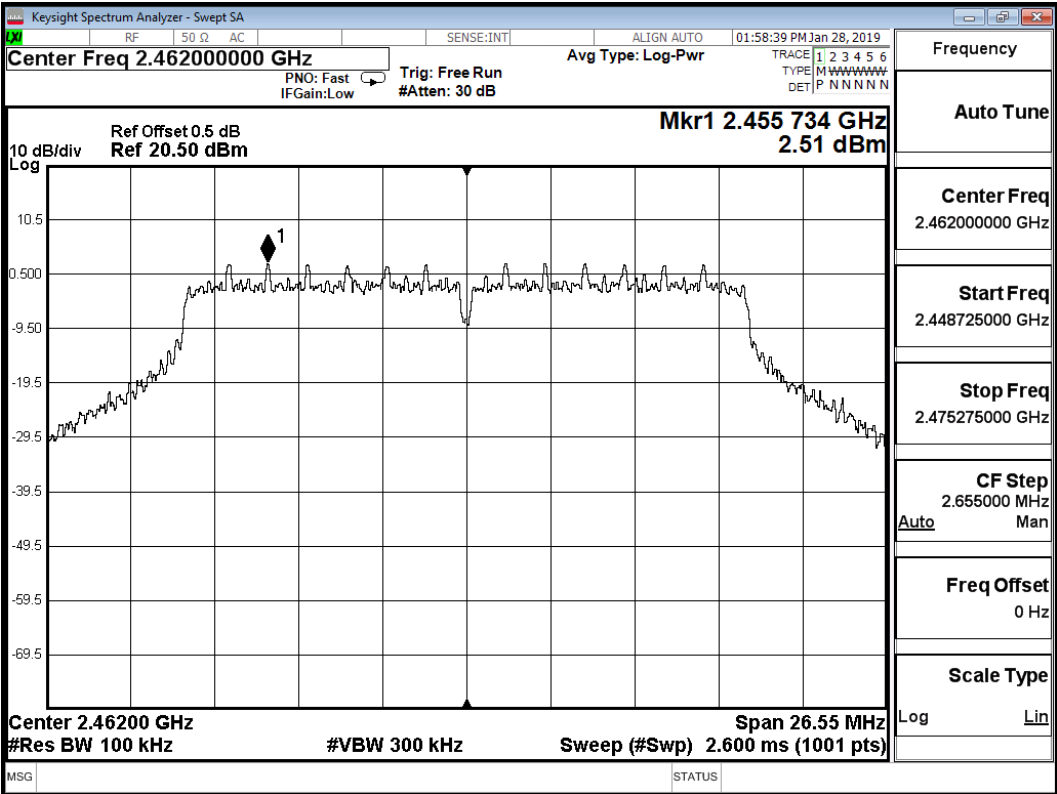


Figure Channel 12: (Chain A)

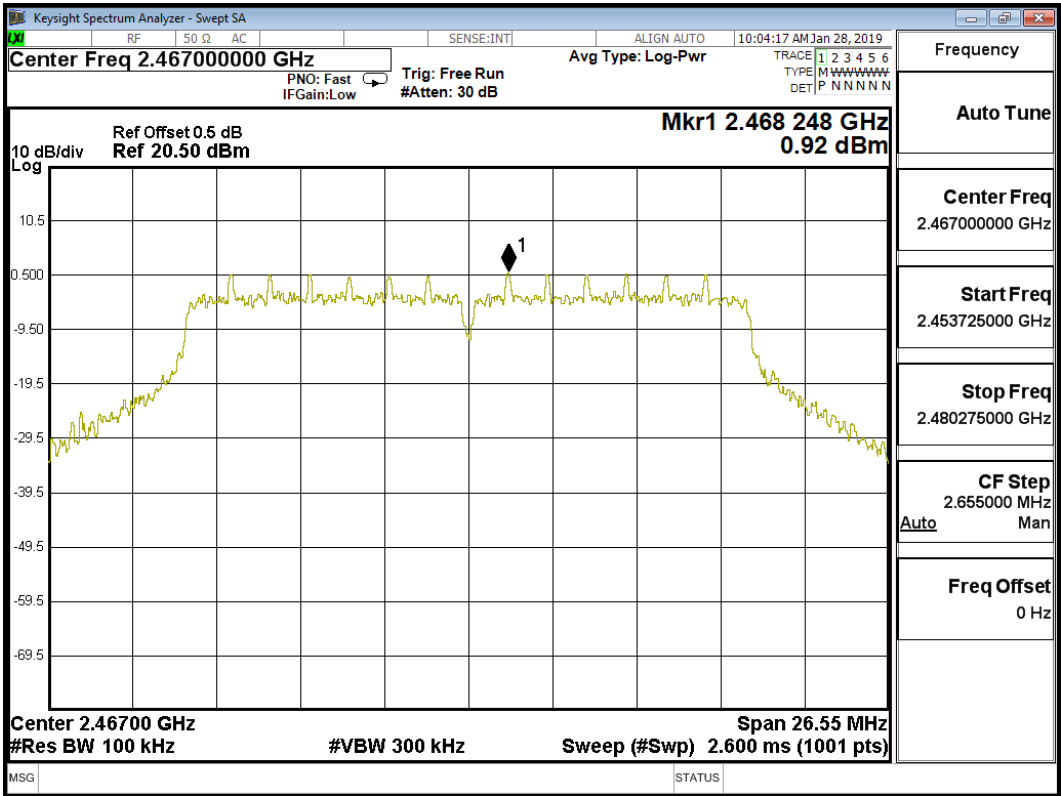


Figure Channel 12: (Chain B)

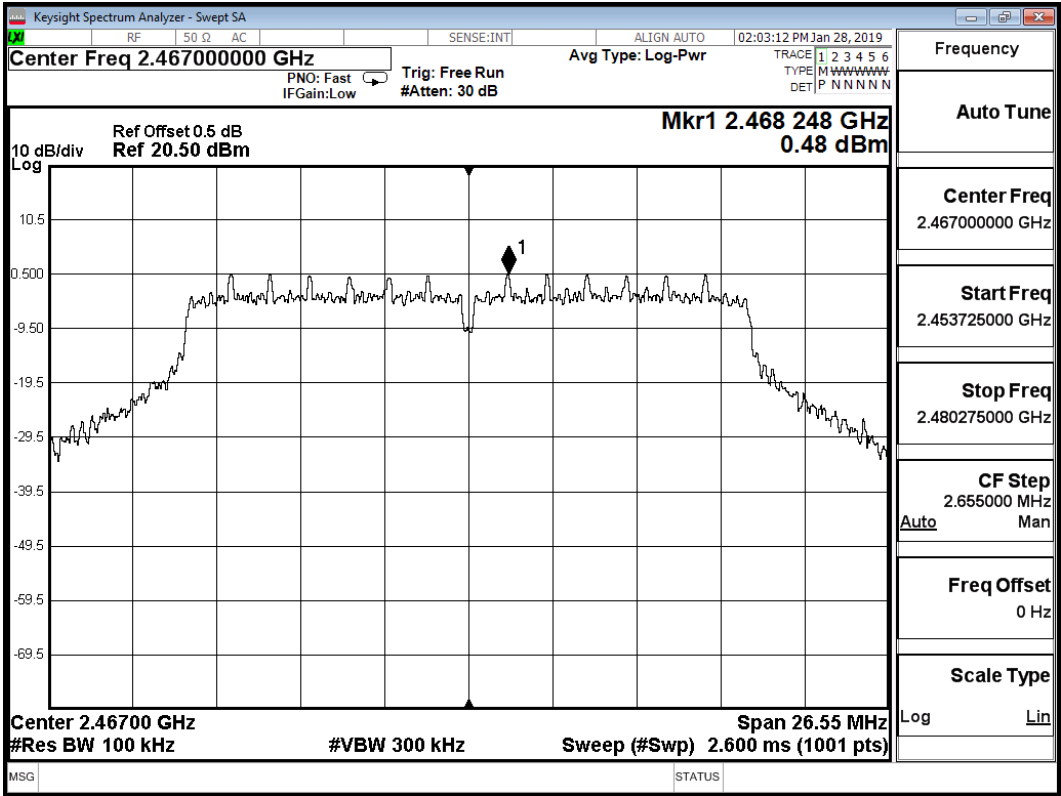


Figure Channel 13: (Chain A)

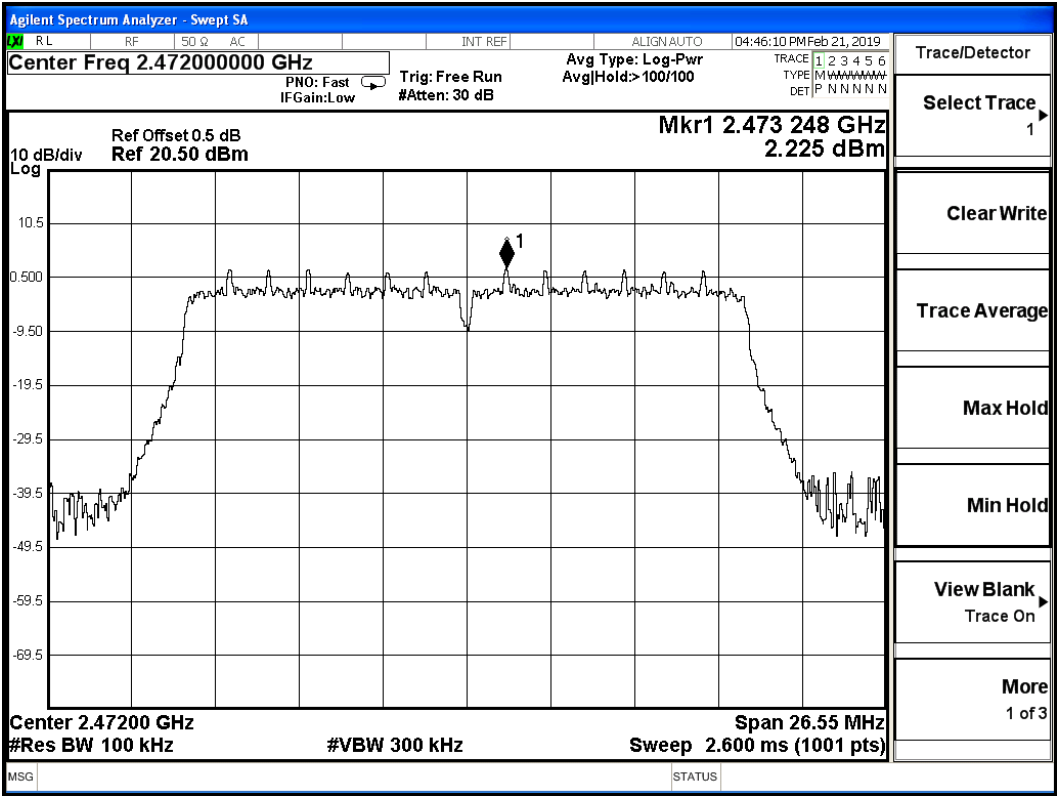
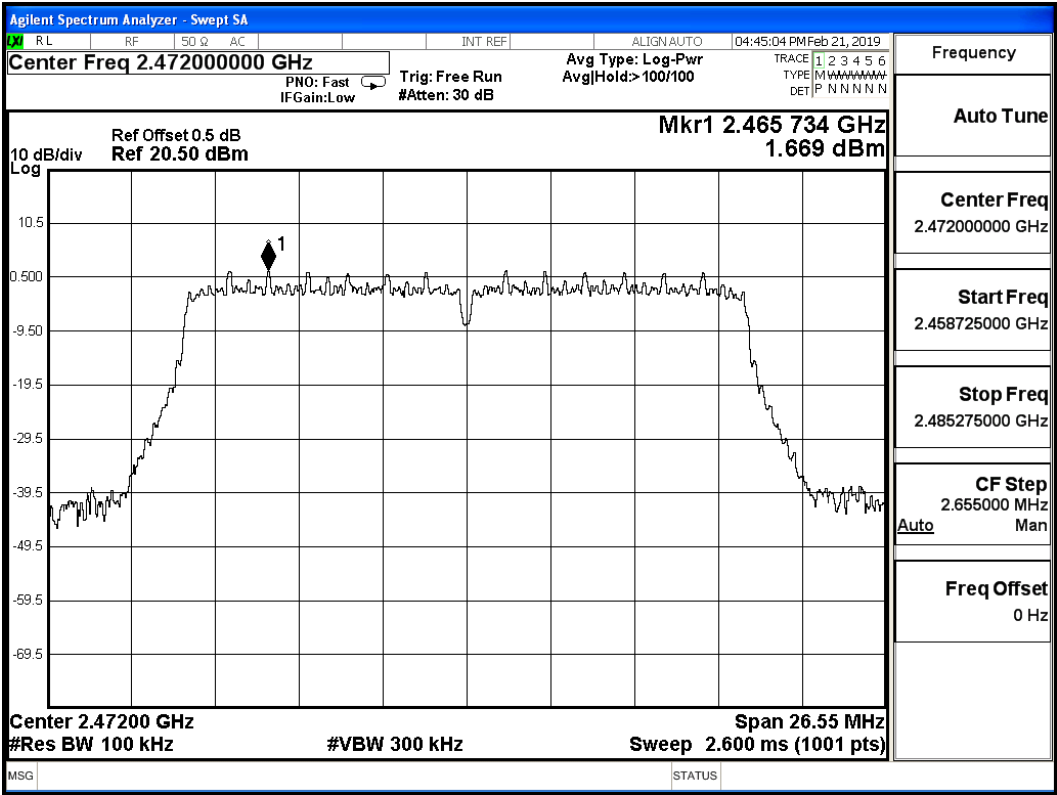


Figure Channel 13: (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試項目：功率密度

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11n (40MHz)

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：108 年 01 月 28 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain	PPSD/MHz (dBm)	10*log(2) (dB)	Measure Level (dBm)	Limit (dBm)	Result
03	2422.000	A	1.700	3.010	4.710	≤ 8dBm	Pass
		B	1.330	3.010	4.340	≤ 8dBm	Pass
07	2442.000	A	1.500	3.010	4.510	≤ 8dBm	Pass
		B	1.400	3.010	4.410	≤ 8dBm	Pass
09	2452.000	A	-0.530	3.010	2.480	≤ 8dBm	Pass
		B	-0.760	3.010	2.250	≤ 8dBm	Pass
10	2457.00	A	-2.950	3.010	0.060	≤ 8dBm	Pass
		B	-3.230	3.010	-0.220	≤ 8dBm	Pass
11	2462.00	A	-0.918	3.010	2.092	≤ 8dBm	Pass
		B	-0.959	3.010	2.051	≤ 8dBm	Pass

Note:

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

Figure Channel 03: (Chain A)

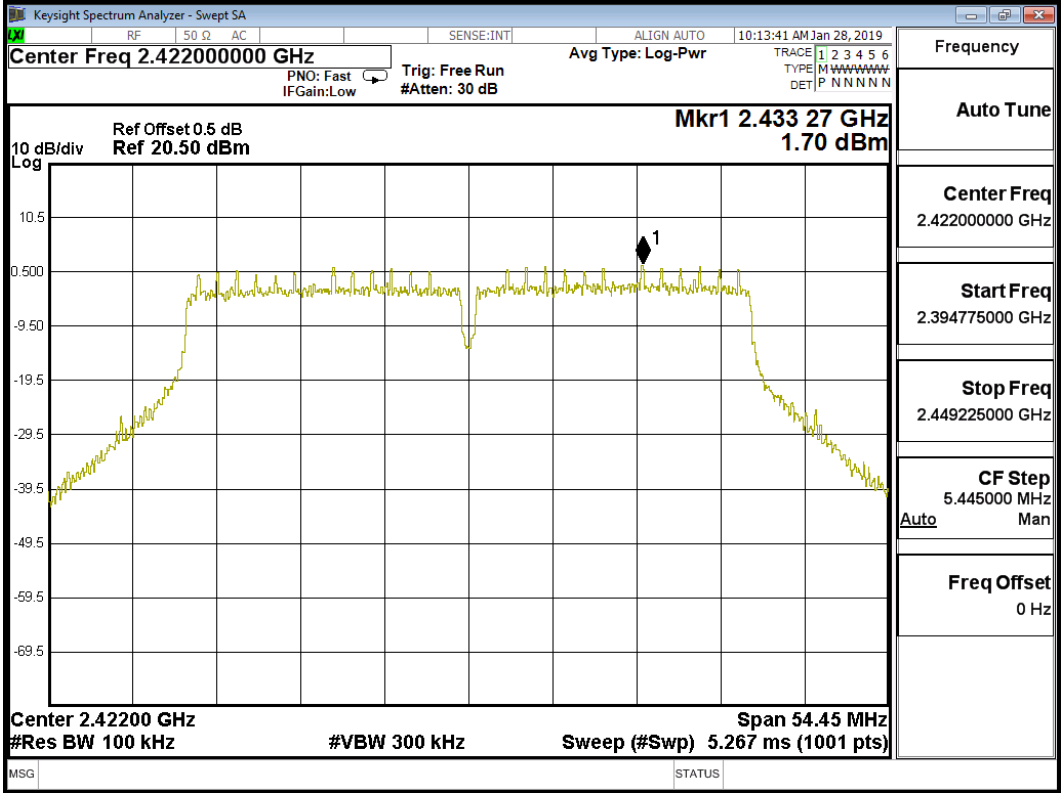


Figure Channel 03: (Chain B)

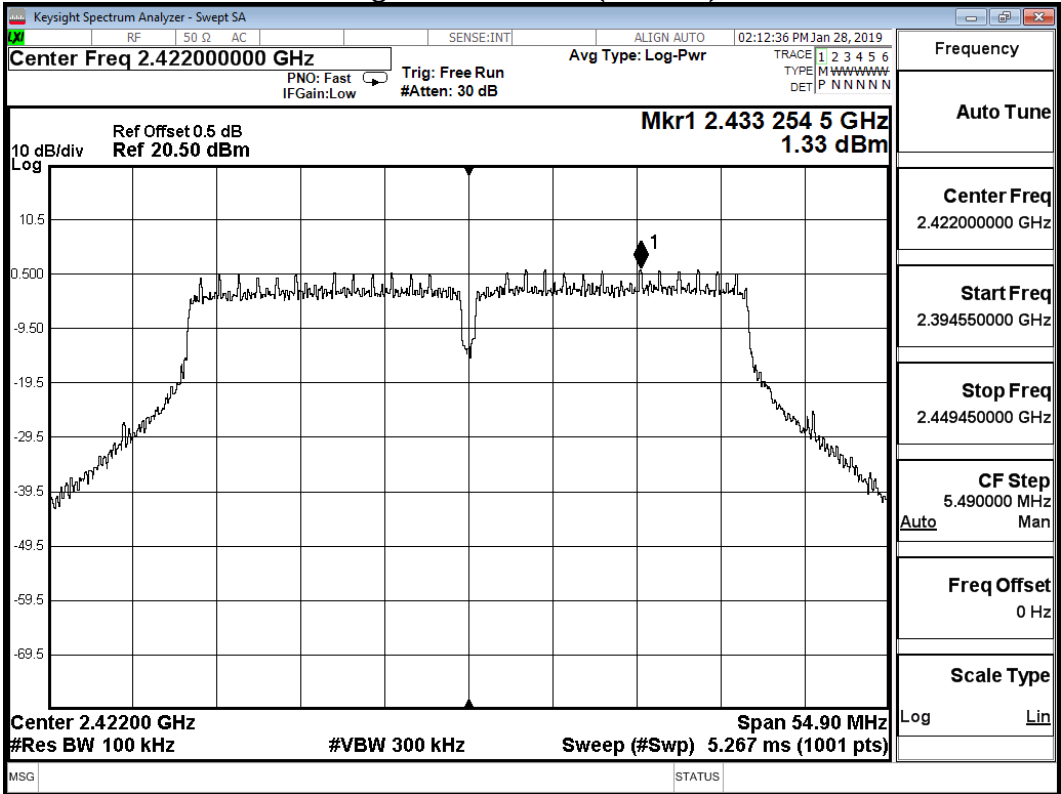


Figure Channel 07: (Chain A)

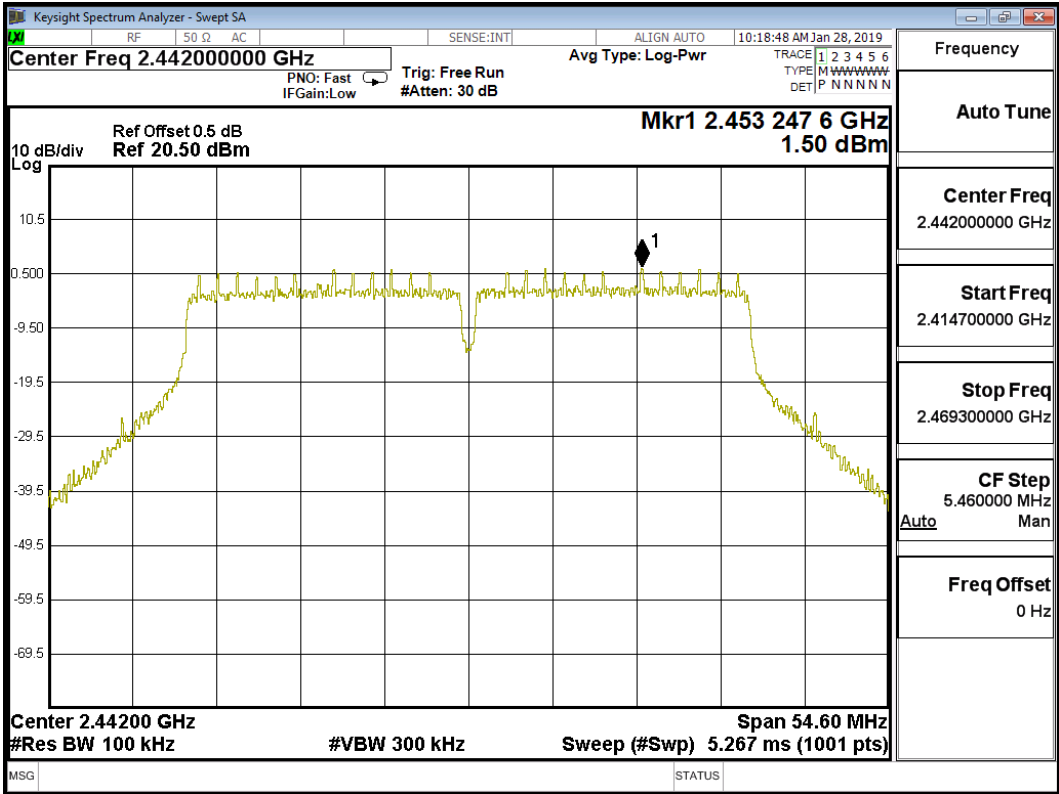


Figure Channel 07: (Chain B)

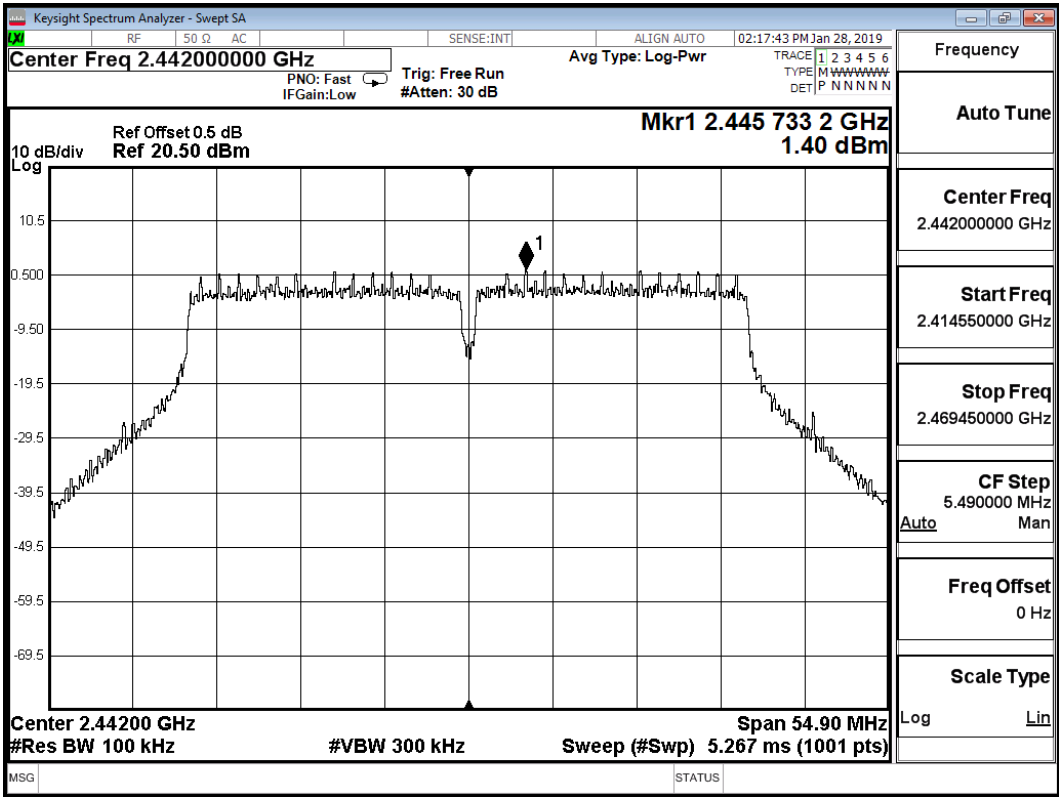


Figure Channel 09: (Chain A)

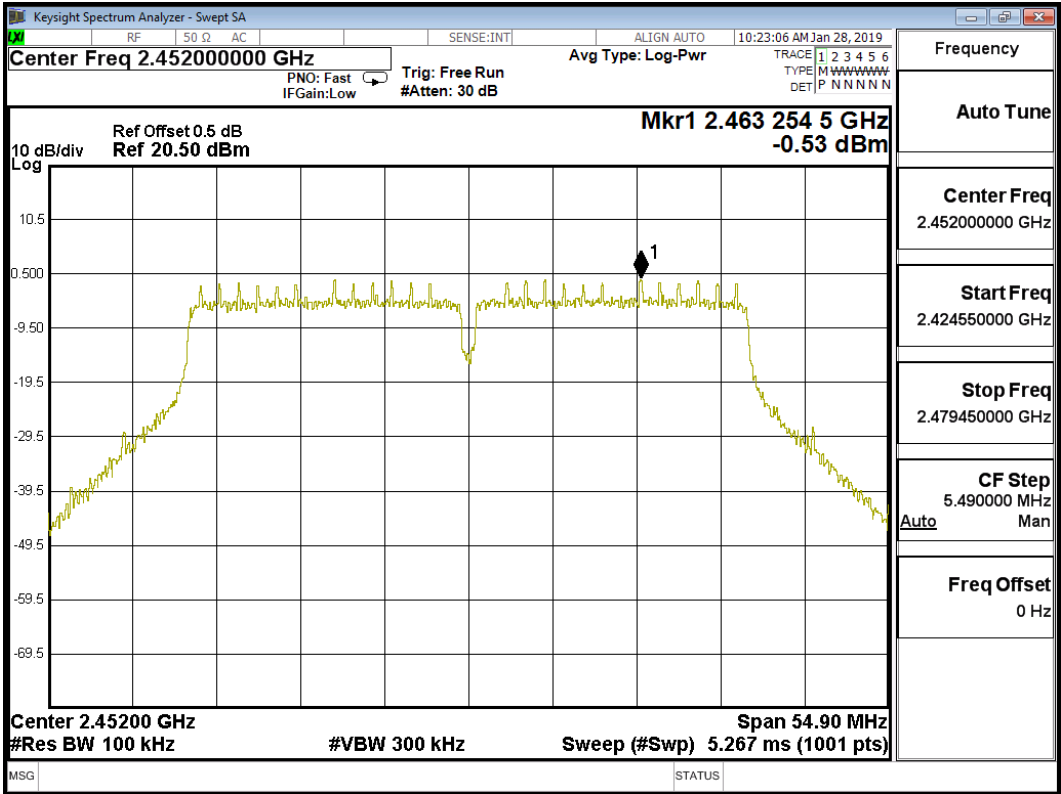


Figure Channel 09: (Chain B)

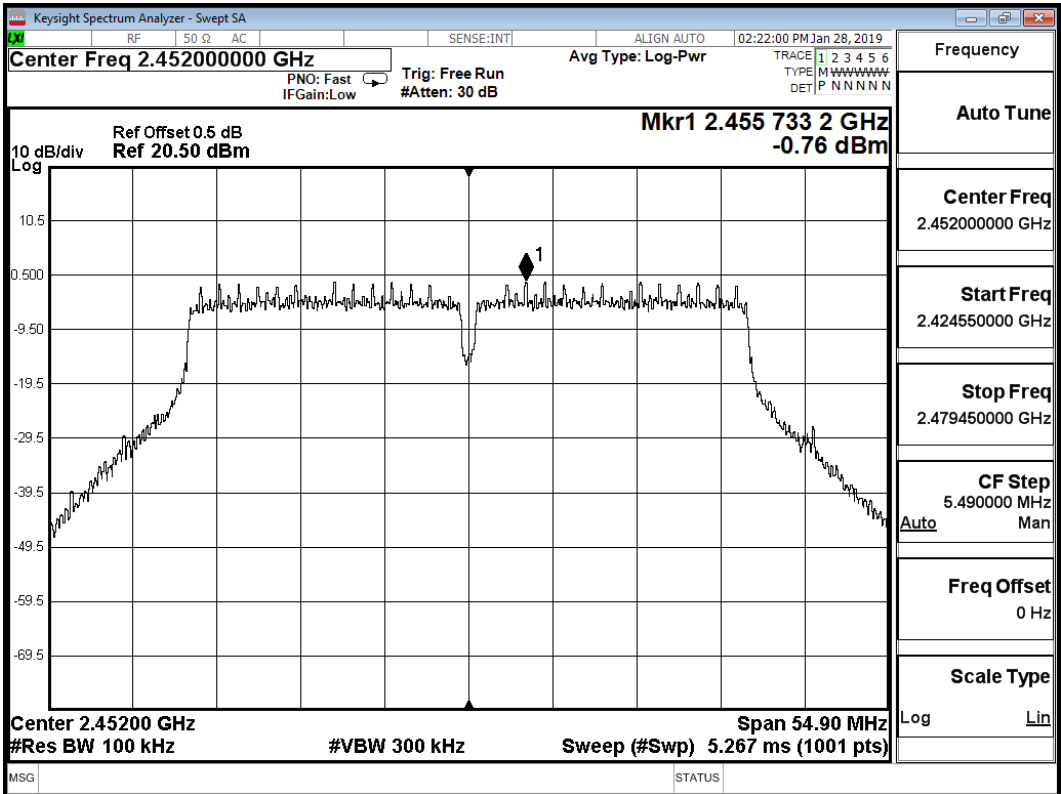


Figure Channel 10: (Chain A)

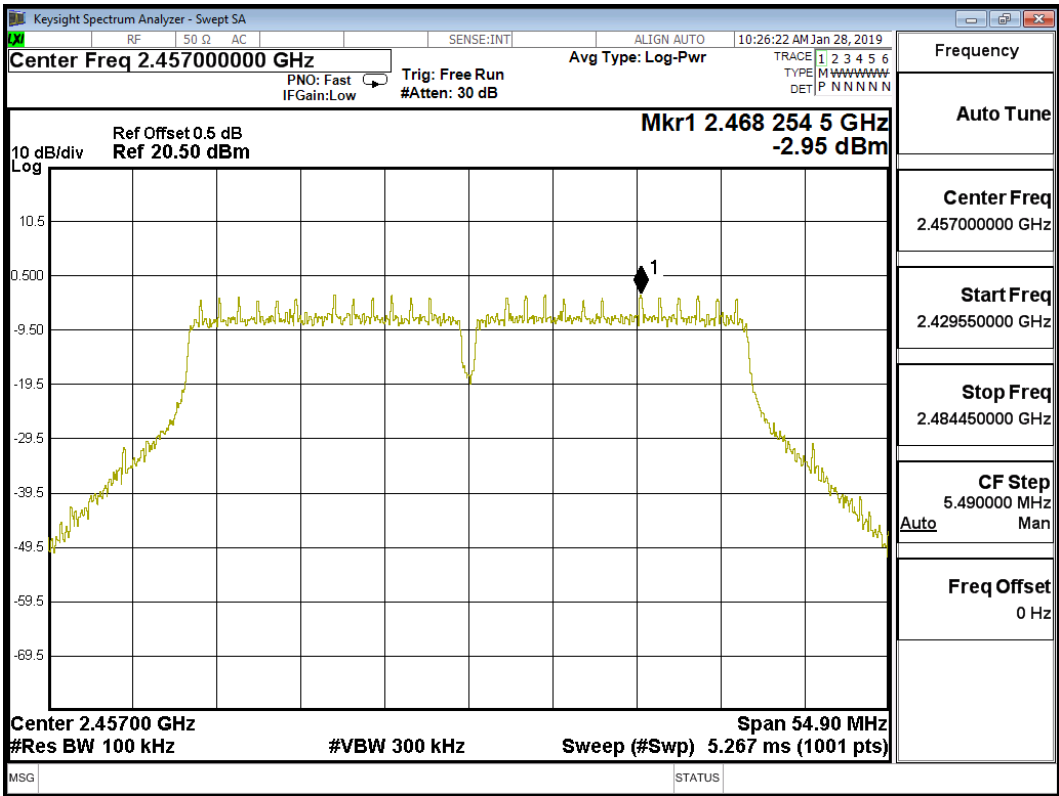


Figure Channel 10: (Chain B)

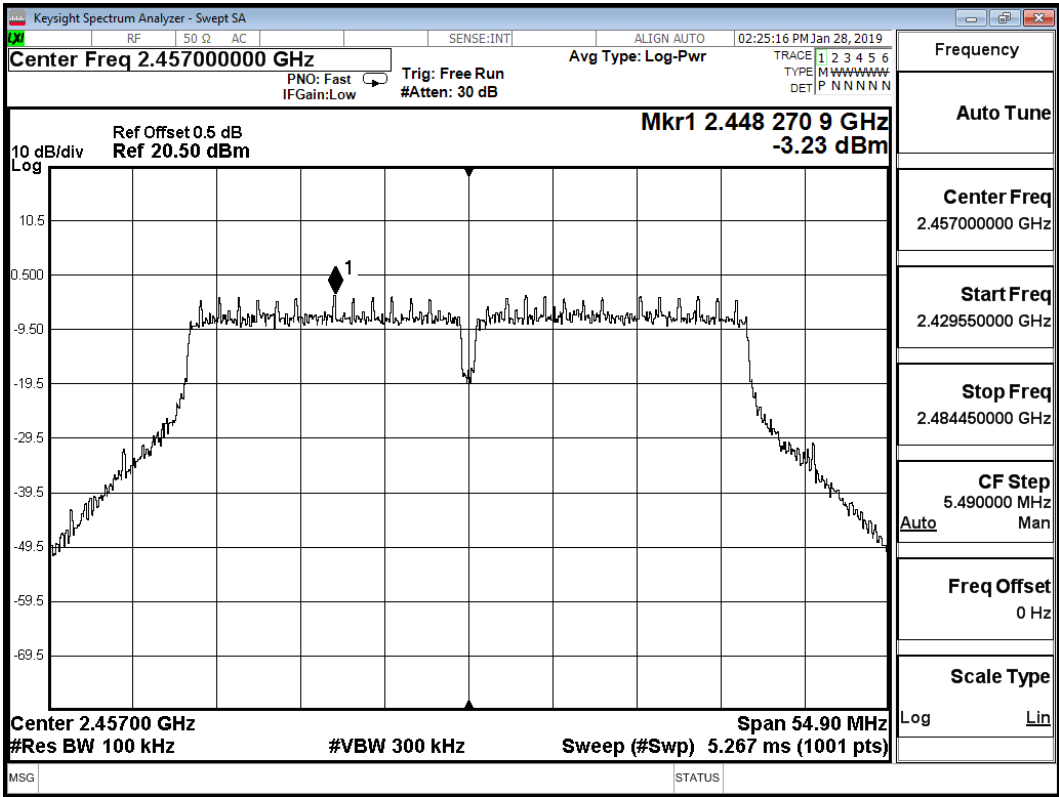


Figure Channel 11: (Chain A)

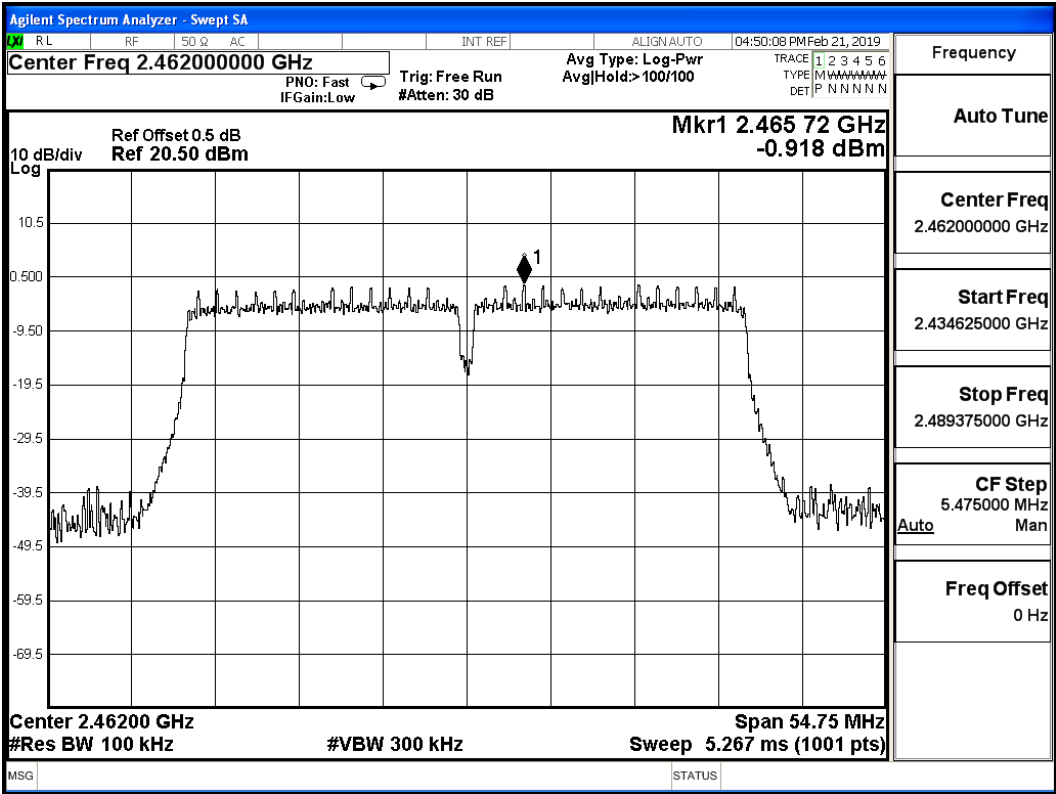
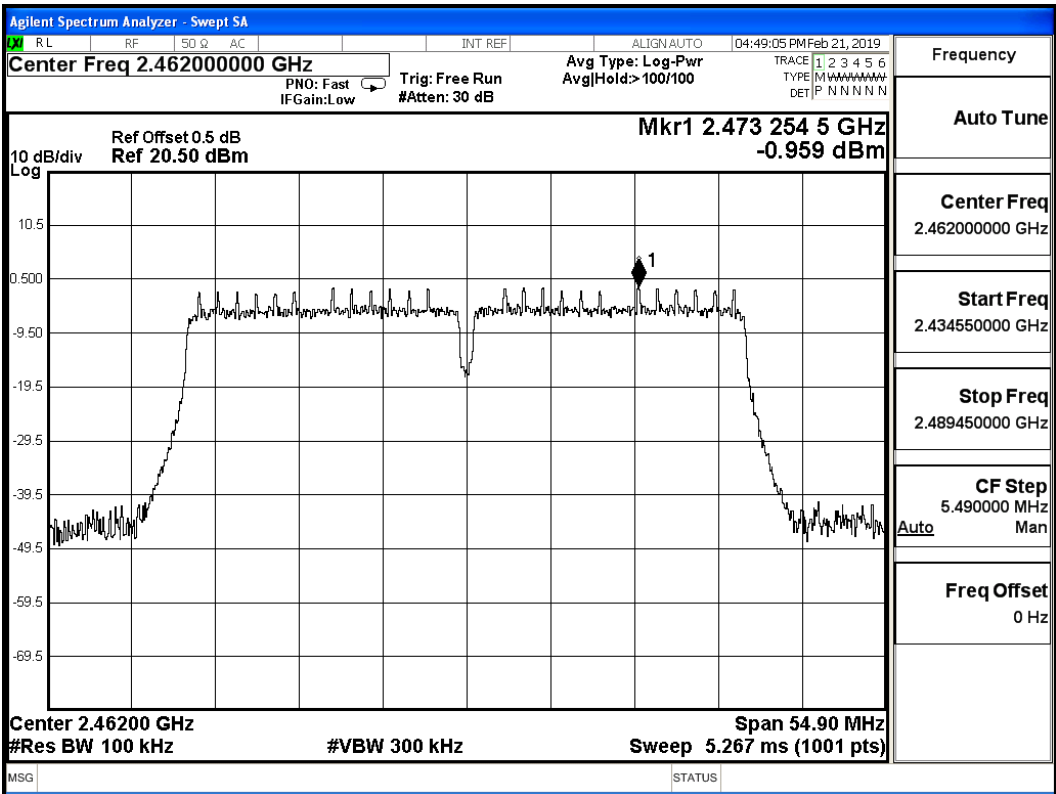


Figure Channel 11: (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 1: SISO A: 發射器 802.11ax (20MHz)

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	5.47	$\leq 8\text{dBm}$	Pass
07	2442	7.68	$\leq 8\text{dBm}$	Pass
11	2462	3.48	$\leq 8\text{dBm}$	Pass
12	2467	2.15	$\leq 8\text{dBm}$	Pass
13	2472	2.32	$\leq 8\text{dBm}$	Pass

Figure Channel 01:

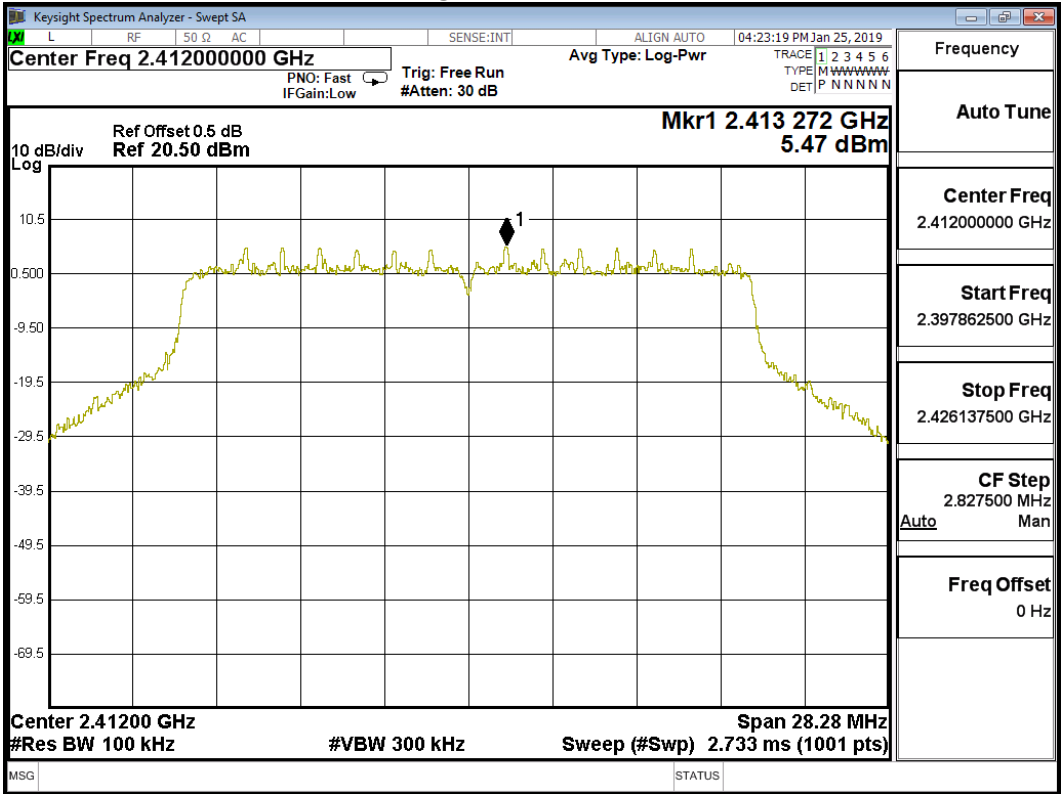


Figure Channel 07:

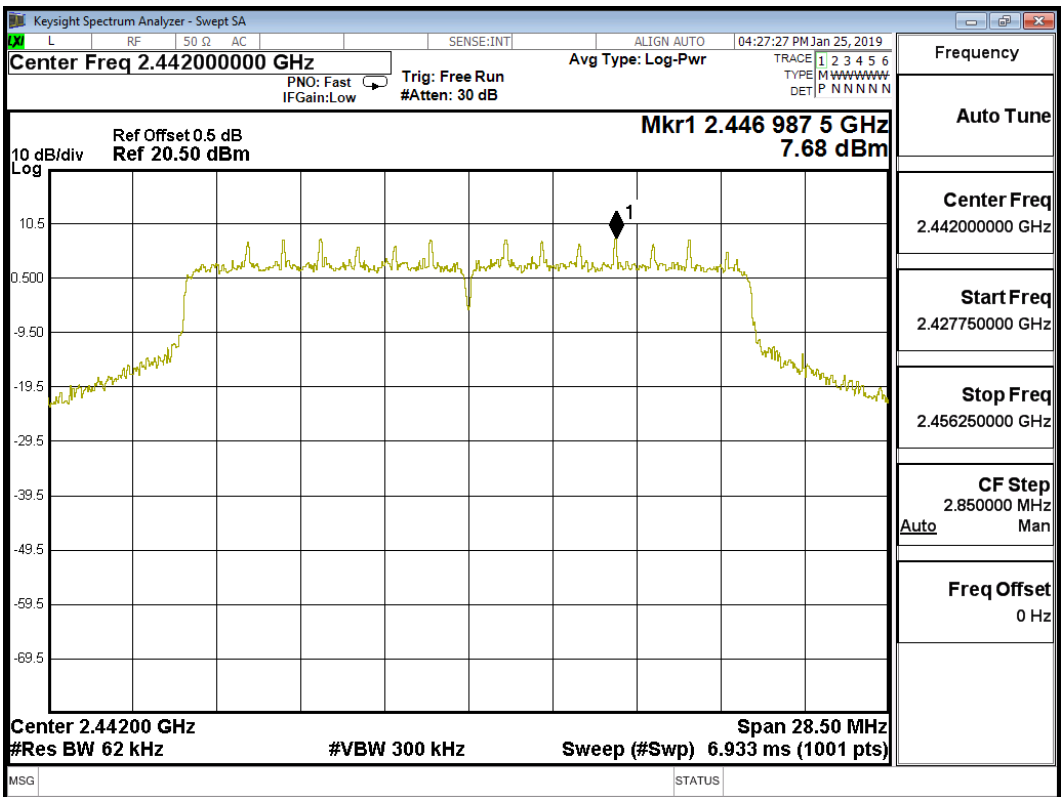


Figure Channel 11:

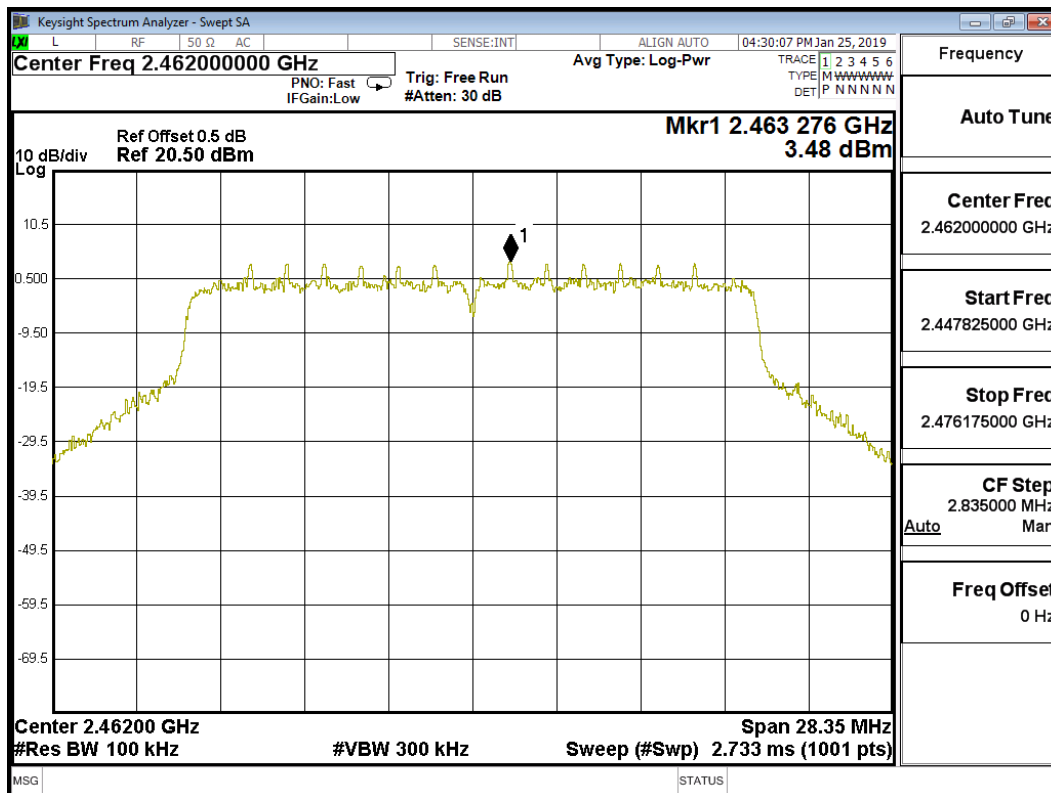


Figure Channel 12:

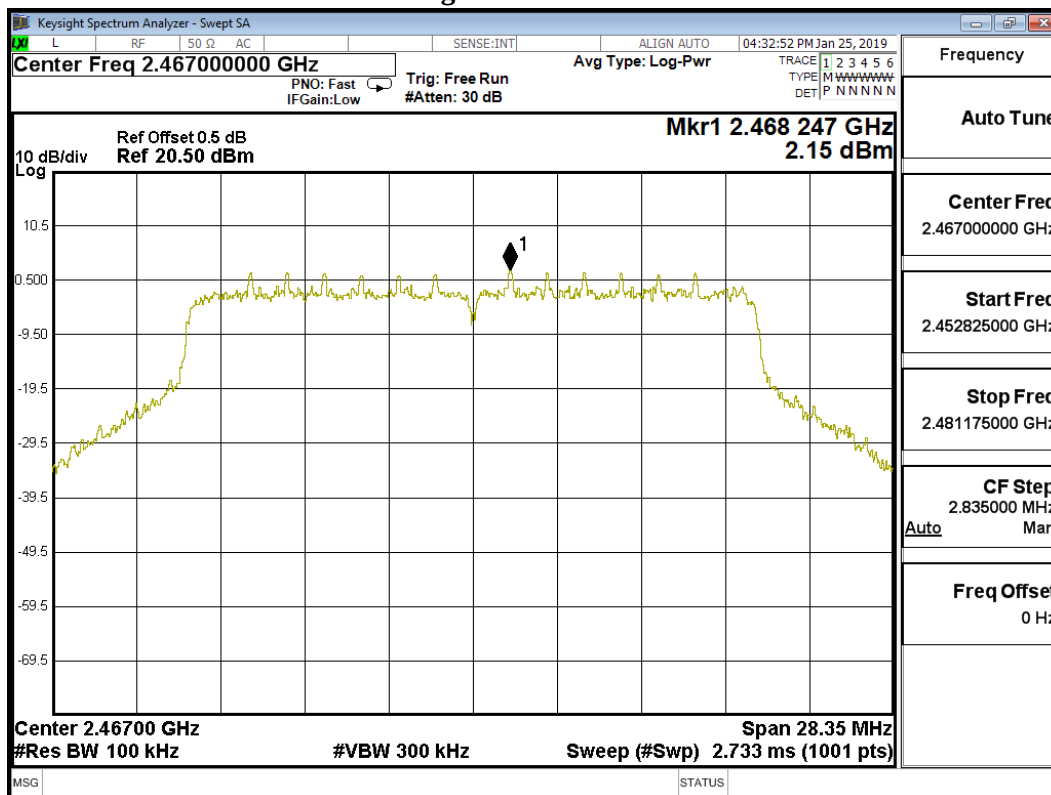
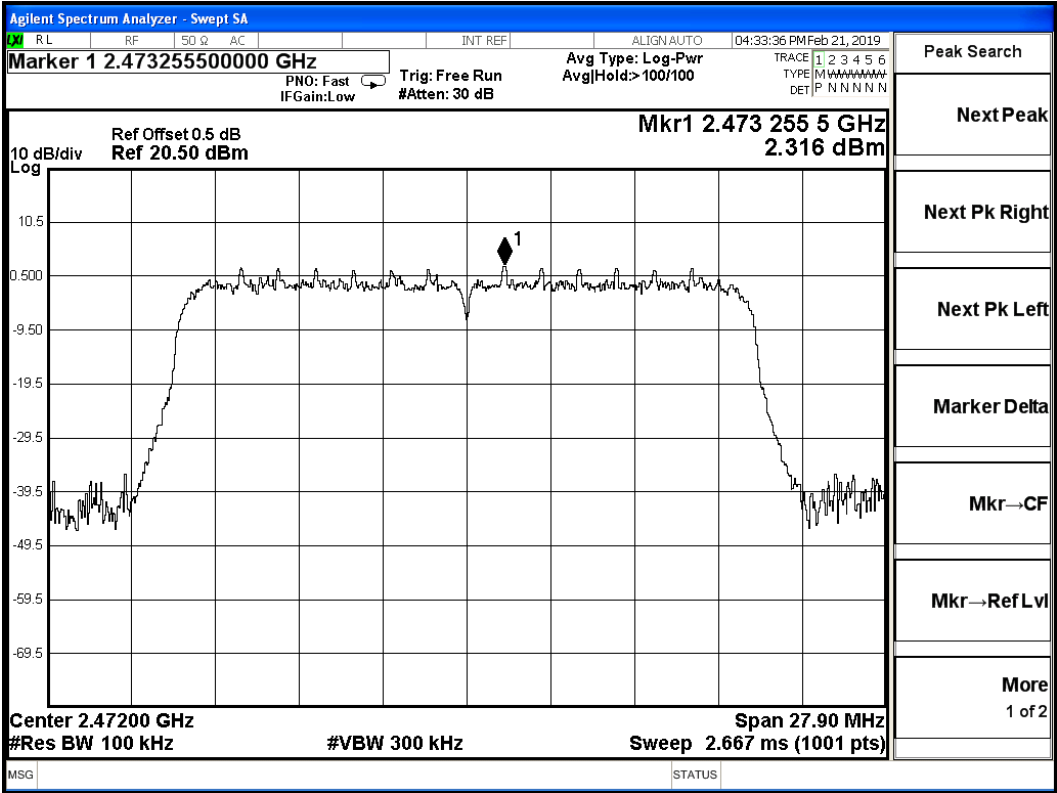


Figure Channel 13:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 1: SISO A: 發射器 802.11ax (40MHz)

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
03	2422	2.74	$\leq 8\text{dBm}$	Pass
07	2442	2.39	$\leq 8\text{dBm}$	Pass
09	2452	0.13	$\leq 8\text{dBm}$	Pass
10	2457	-2.03	$\leq 8\text{dBm}$	Pass
11	2462	0.14	$\leq 8\text{dBm}$	Pass

Figure Channel 03:

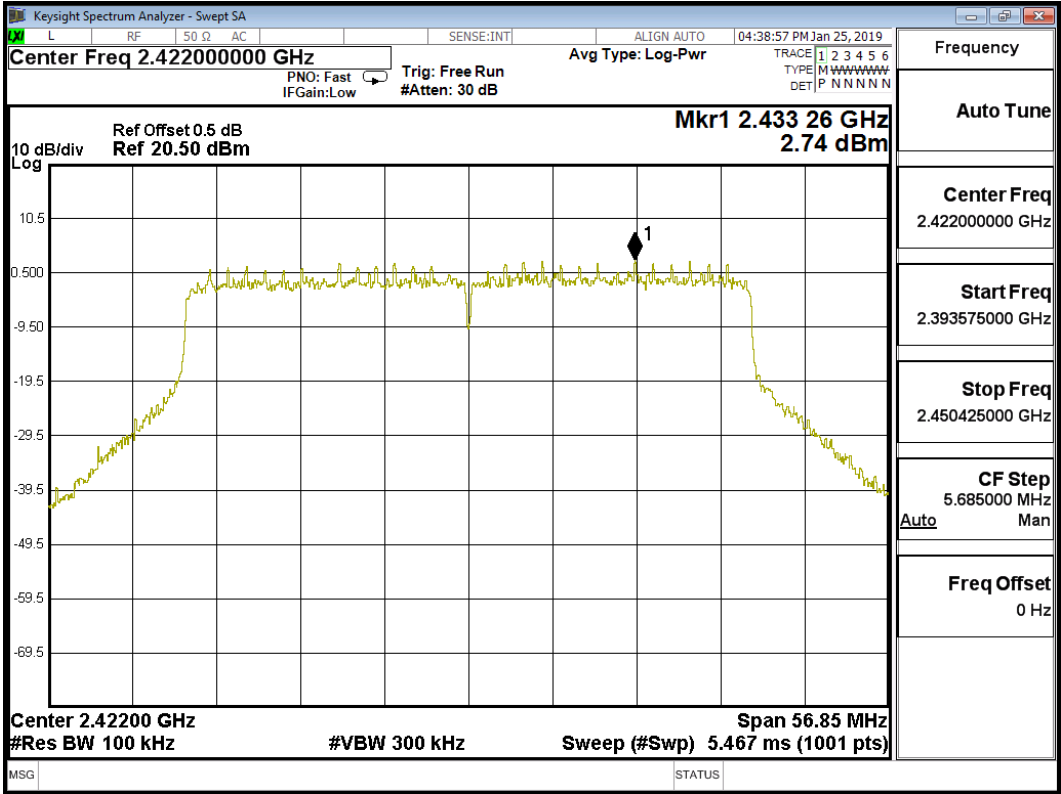


Figure Channel 07:

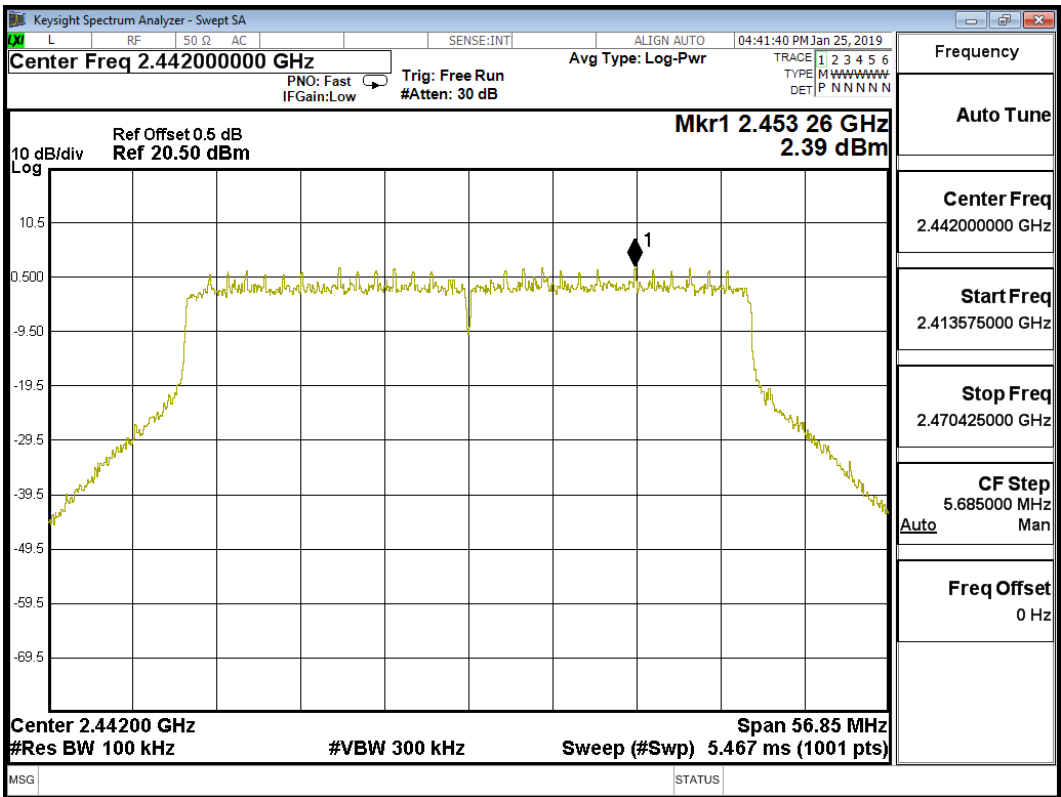


Figure Channel 09:

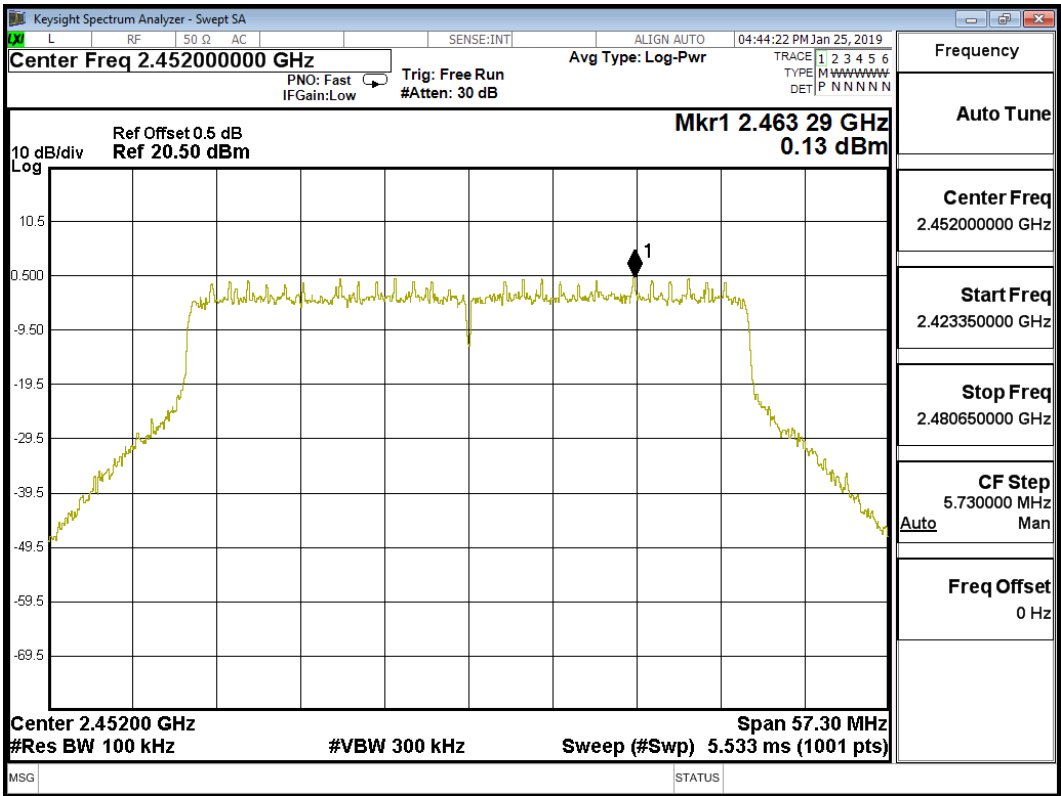


Figure Channel 10:

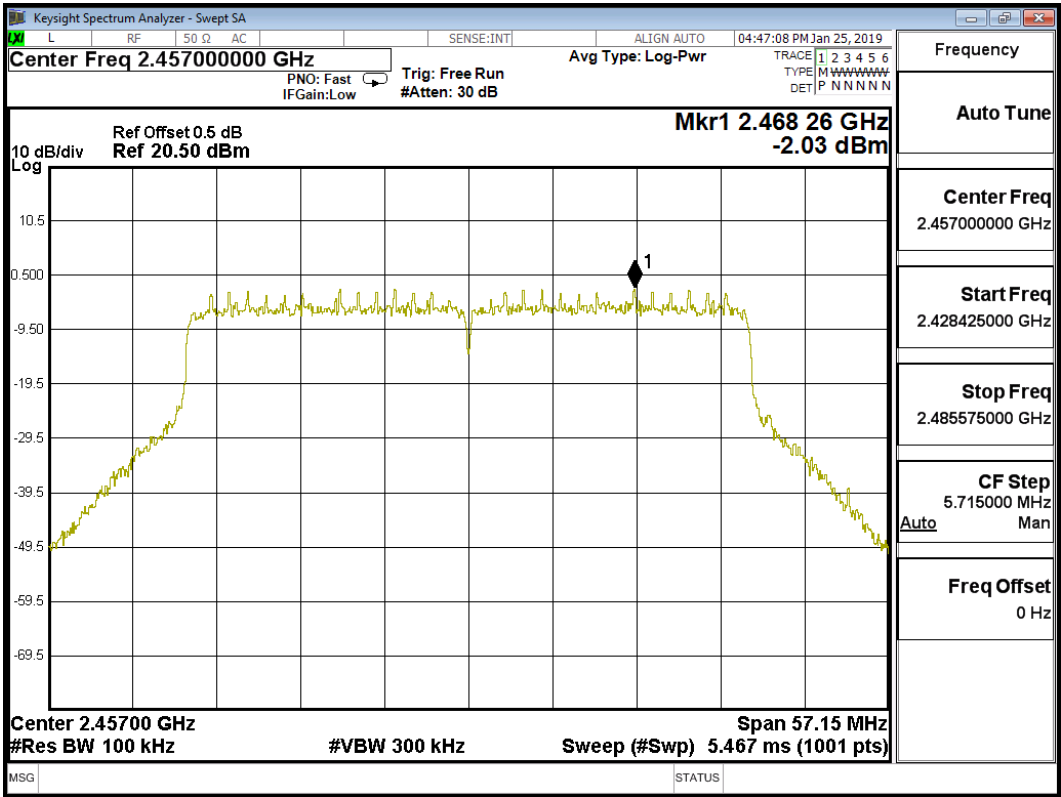
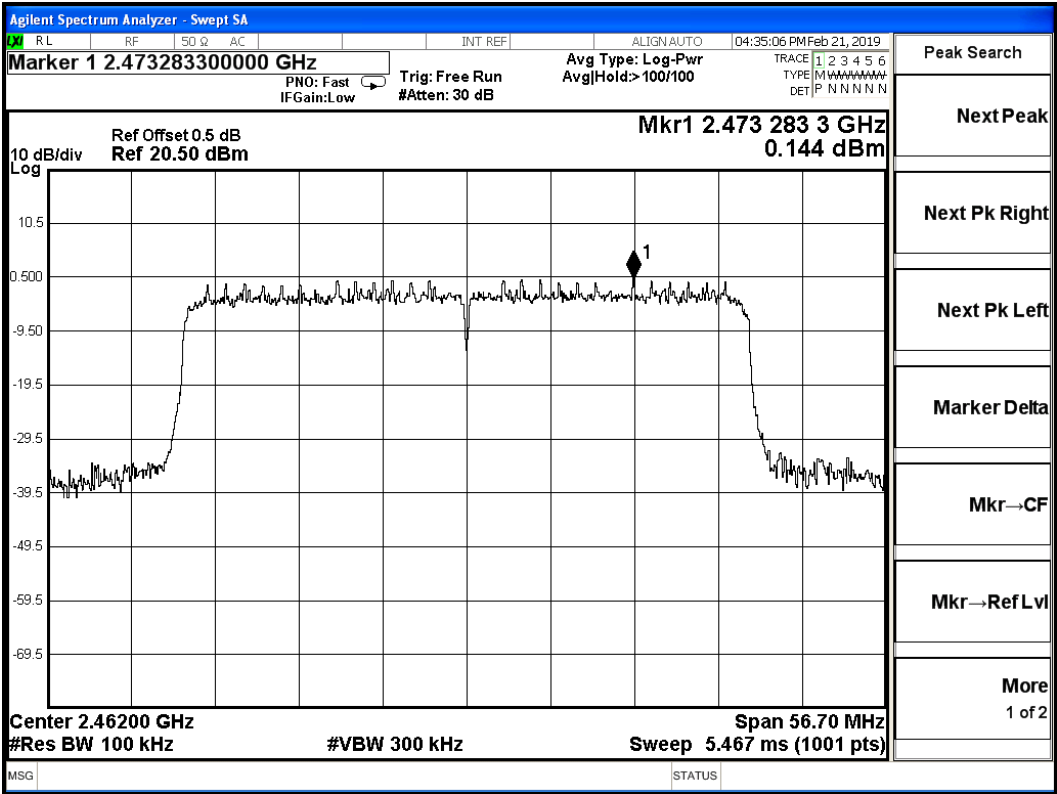


Figure Channel 11:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 2: SISO B: 發射器 802.11ax (20MHz)

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	5.38	$\leq 8\text{dBm}$	Pass
07	2442	7.56	$\leq 8\text{dBm}$	Pass
11	2462	4.18	$\leq 8\text{dBm}$	Pass
12	2467	2.31	$\leq 8\text{dBm}$	Pass
13	2472	0.93	$\leq 8\text{dBm}$	Pass

Figure Channel 01:

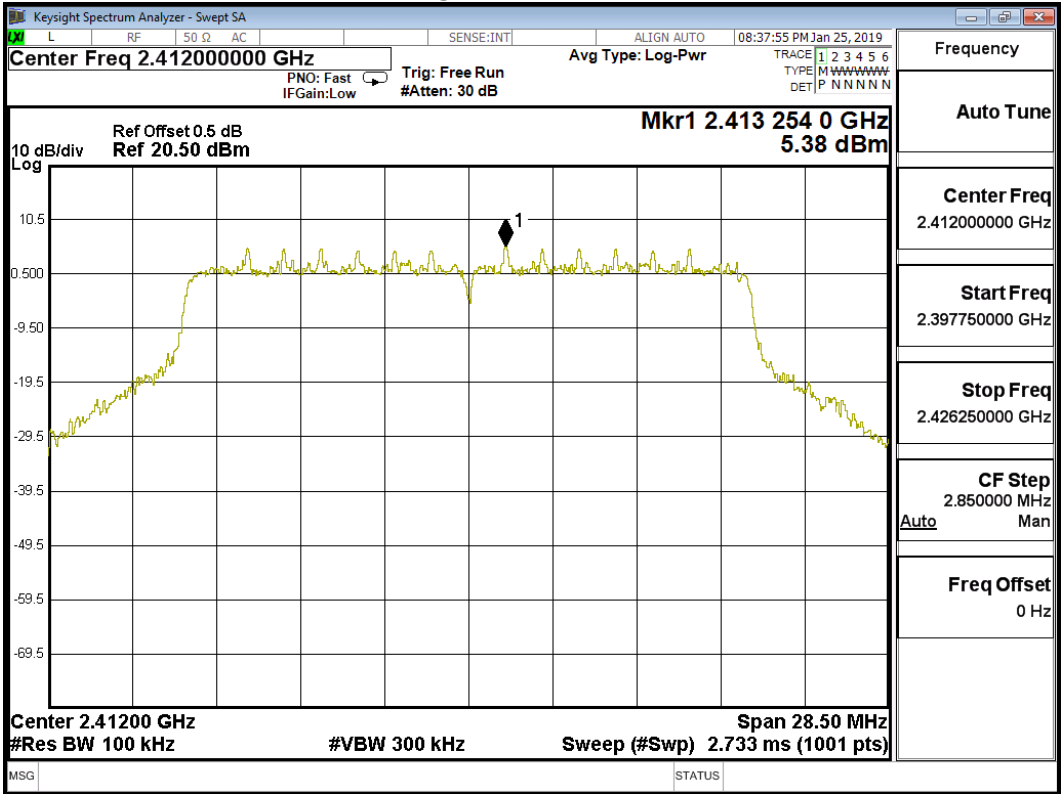


Figure Channel 07:

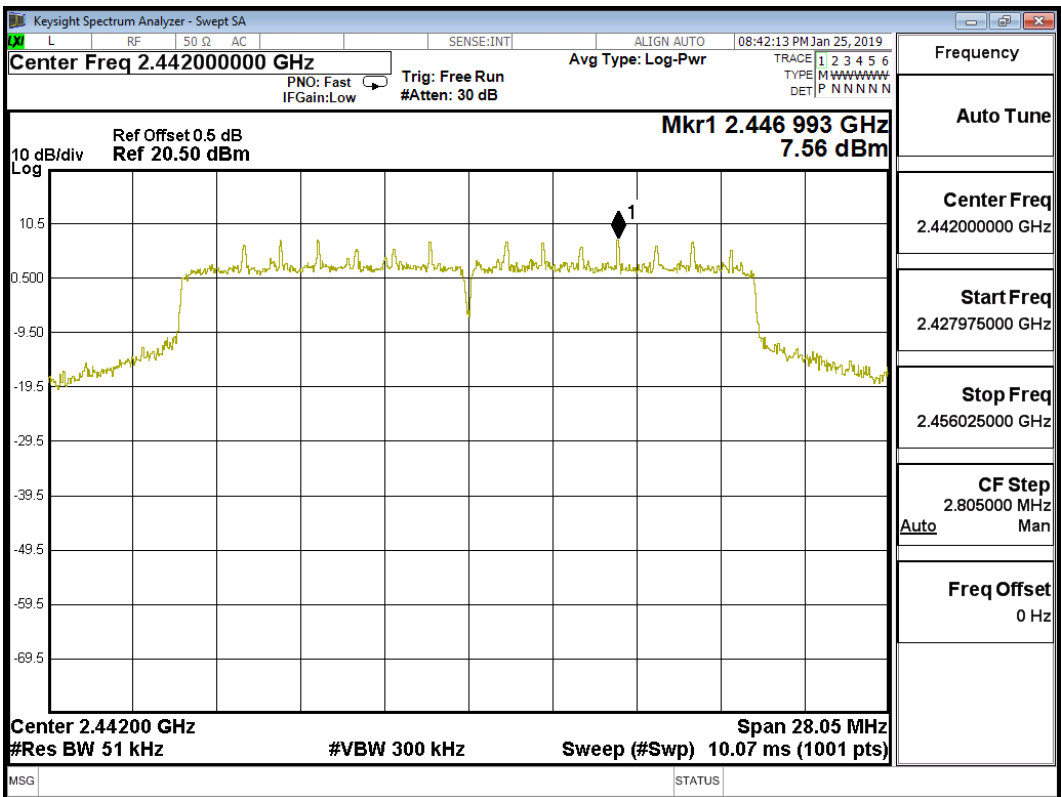


Figure Channel 11:

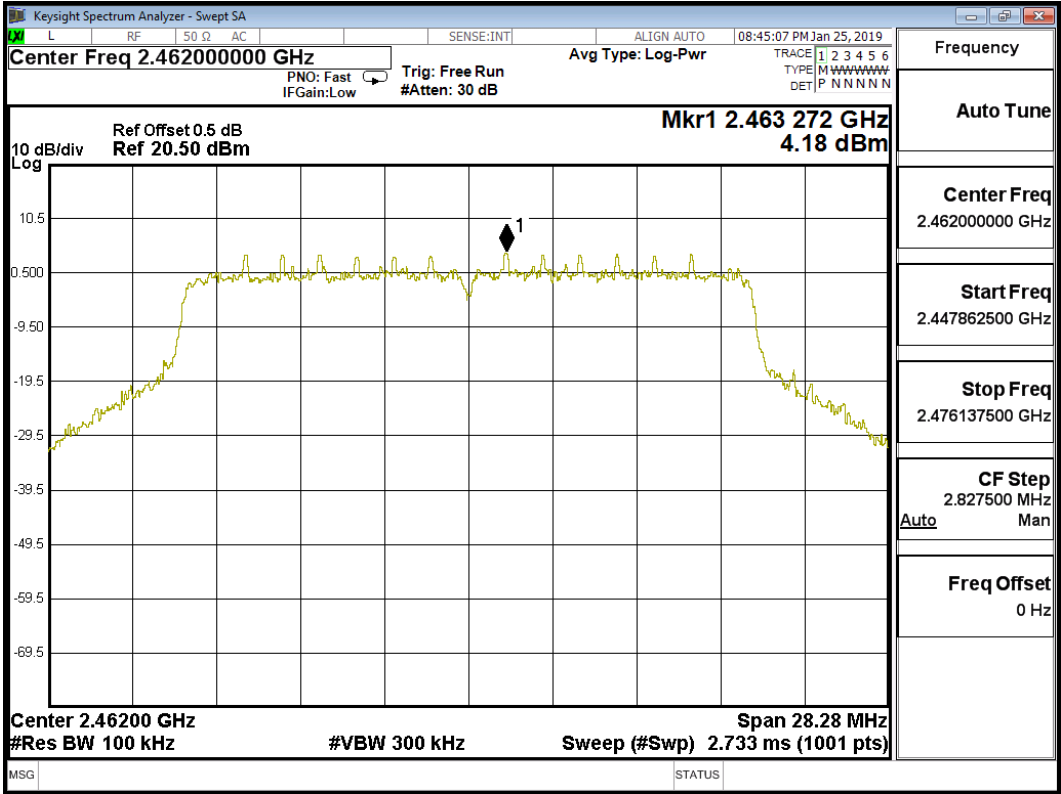


Figure Channel 12:

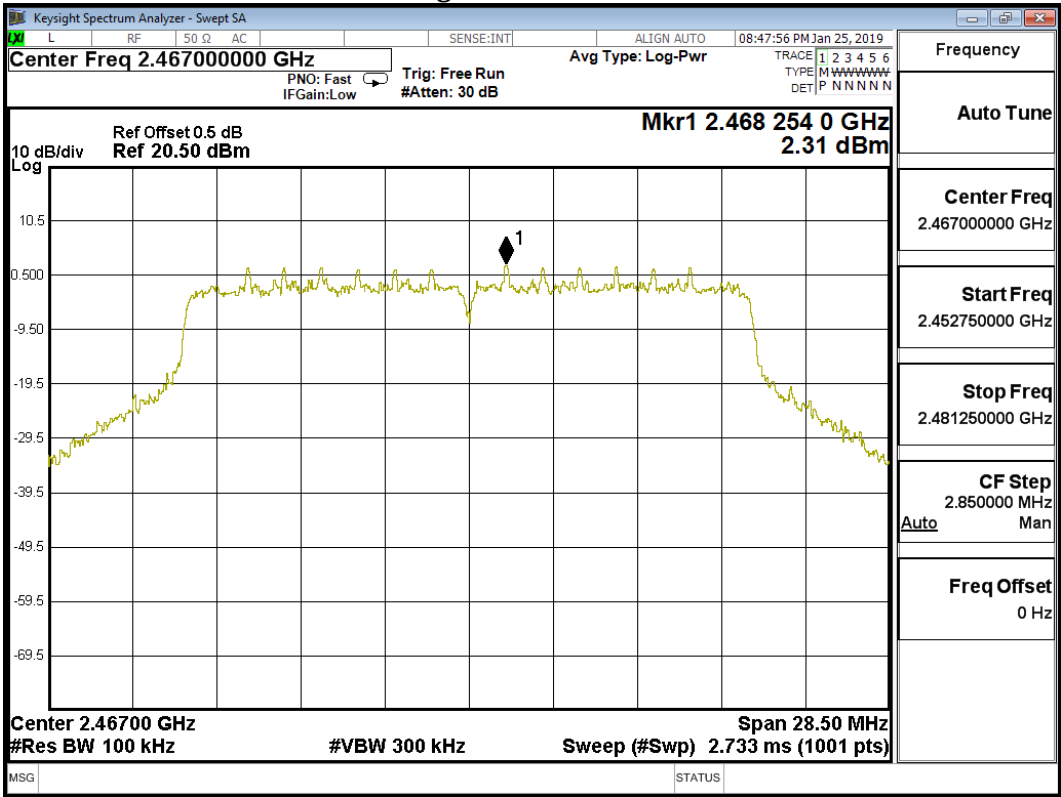
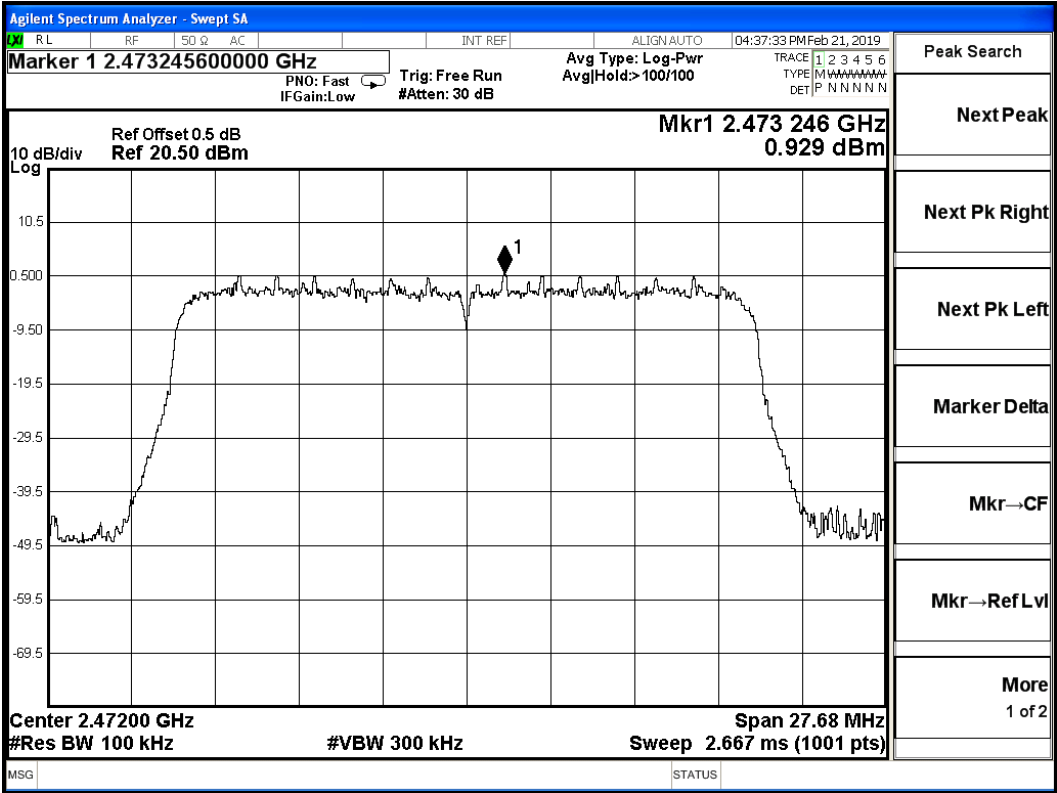


Figure Channel 13:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月25日

測試項目：功率密度

測試模式：Mode 2: SISO B: 發射器 802.11ax (40MHz)

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
03	2422	2.98	$\leq 8\text{dBm}$	Pass
07	2442	3	$\leq 8\text{dBm}$	Pass
09	2452	1.07	$\leq 8\text{dBm}$	Pass
10	2457	-1.64	$\leq 8\text{dBm}$	Pass
11	2462	-2.10	$\leq 8\text{dBm}$	Pass

Figure Channel 03:

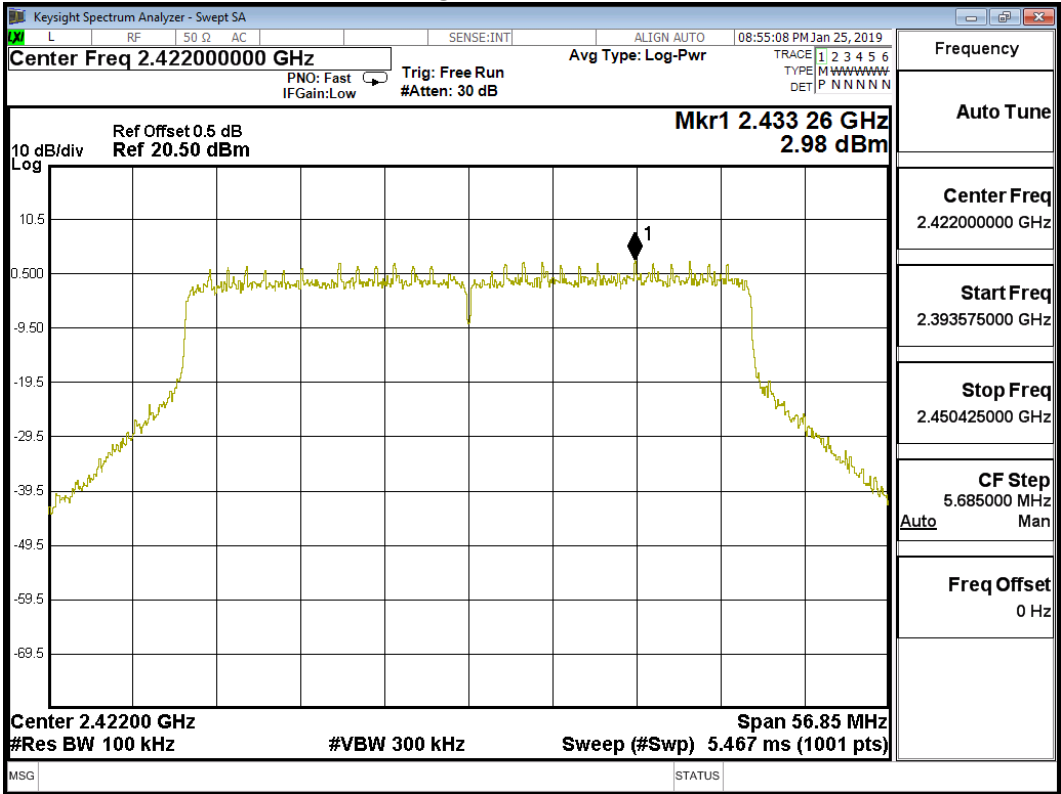


Figure Channel 07:

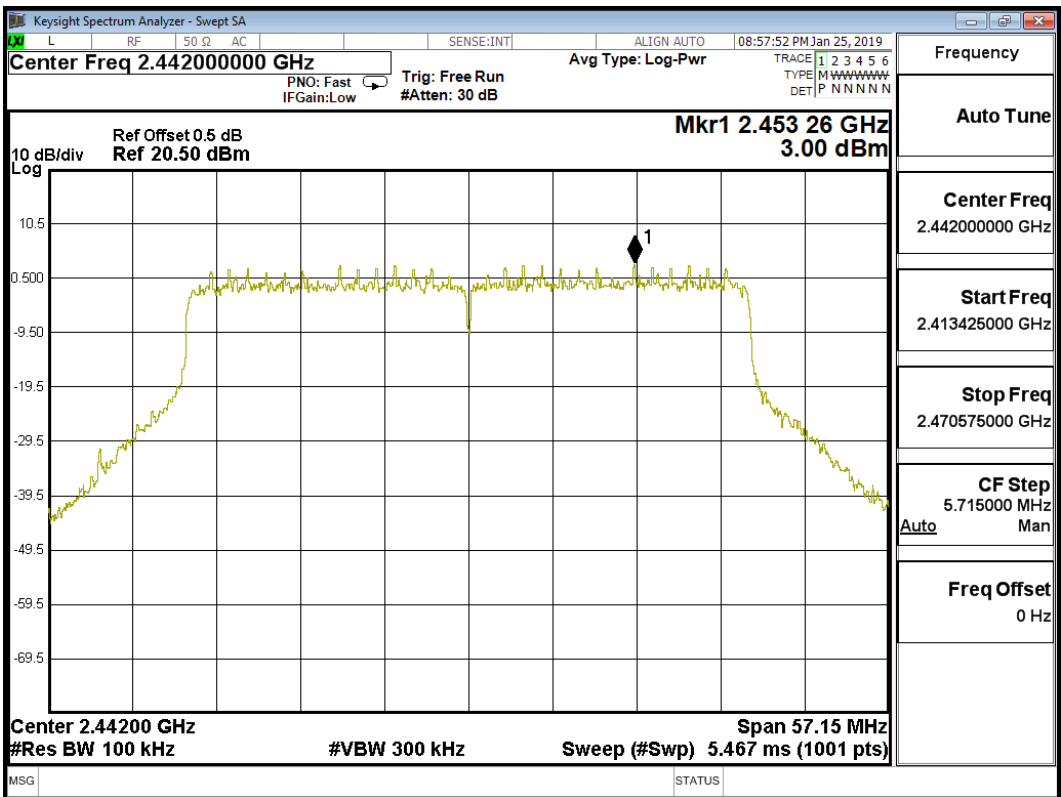


Figure Channel 09:

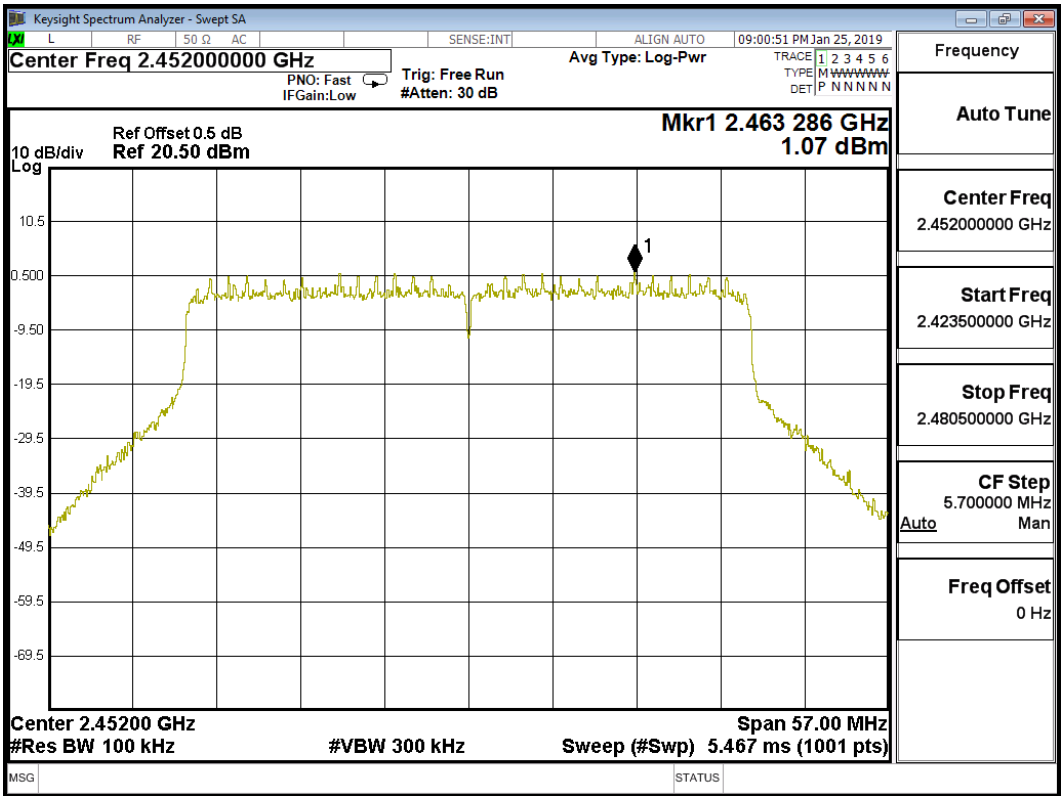


Figure Channel 10:

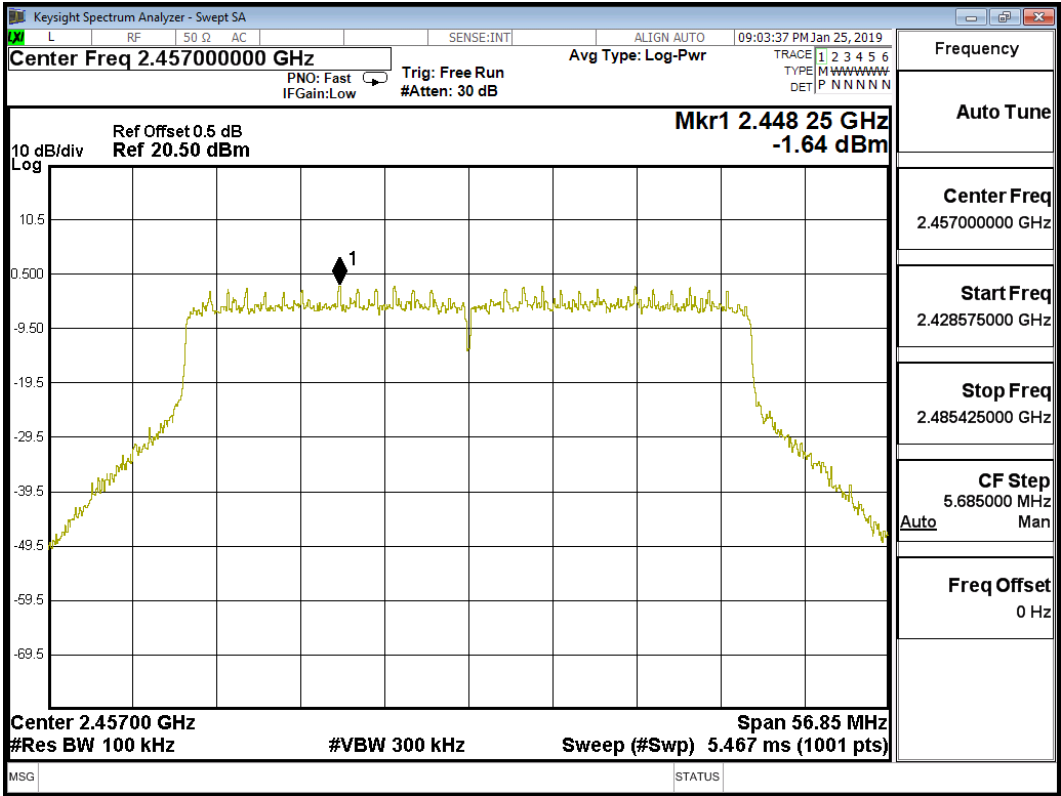
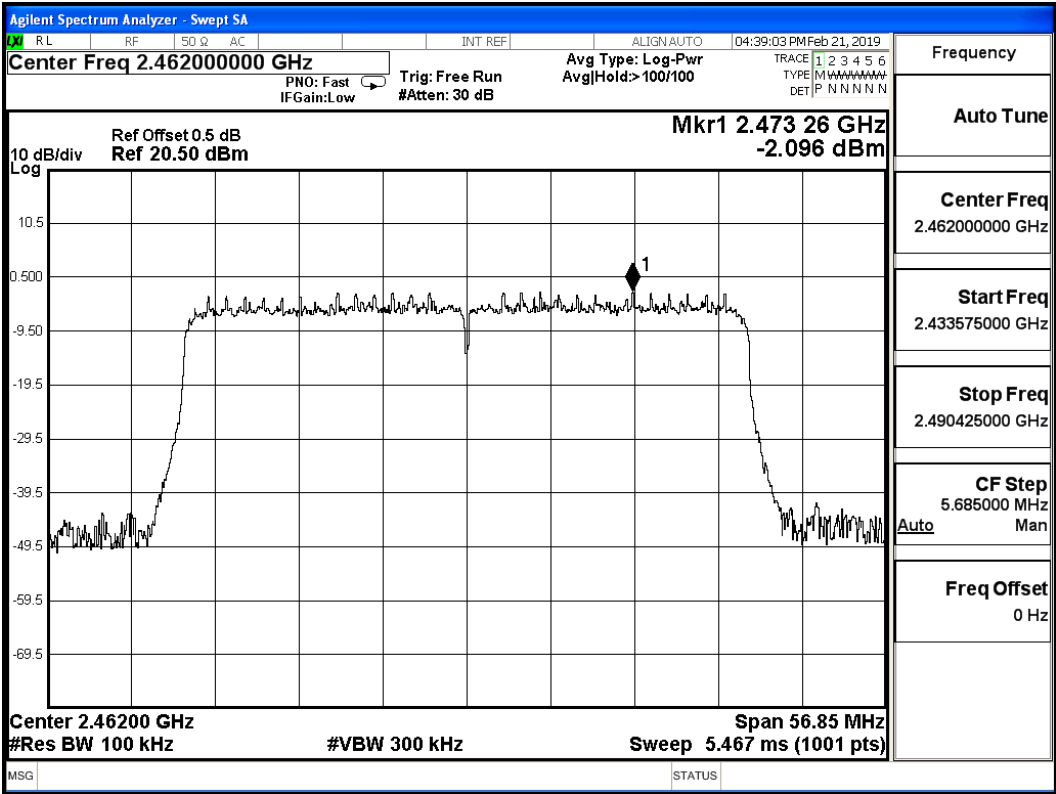


Figure Channel 11:



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試項目：功率密度

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11ax (20MHz)

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：108 年 01 月 28 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain	PPSD/MHz (dBm)	10*log(2) (dB)	Measure Level (dBm)	Limit (dBm)	Result
01	2412.000	A	1.510	3.010	4.520	≤ 8dBm	Pass
		B	0.870	3.010	3.880	≤ 8dBm	Pass
07	2442.000	A	4.770	3.010	7.780	≤ 8dBm	Pass
		B	4.070	3.010	7.080	≤ 8dBm	Pass
11	2462.000	A	0.120	3.010	3.130	≤ 8dBm	Pass
		B	-0.610	3.010	2.400	≤ 8dBm	Pass
12	2467.00	A	0.300	3.010	3.310	≤ 8dBm	Pass
		B	-0.370	3.010	2.640	≤ 8dBm	Pass
13	2472.00	A	0.561	3.010	3.571	≤ 8dBm	Pass
		B	-0.037	3.010	2.973	≤ 8dBm	Pass

Note:

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

Figure Channel 01: (Chain A)

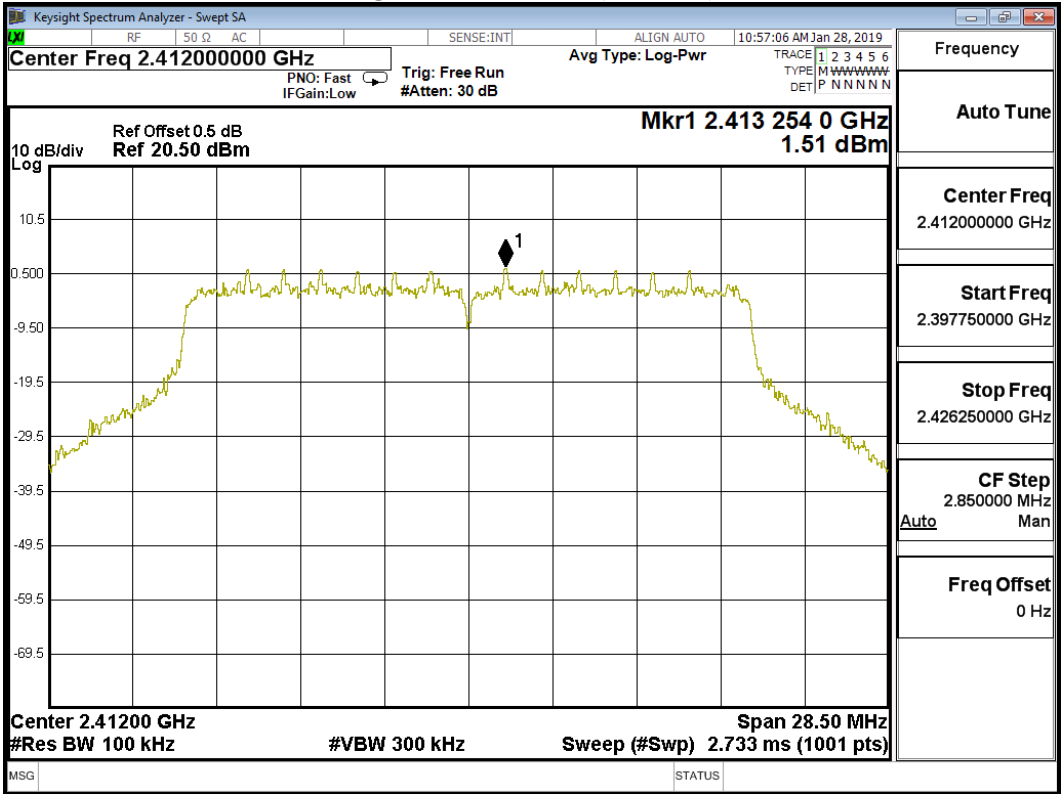


Figure Channel 01: (Chain B)

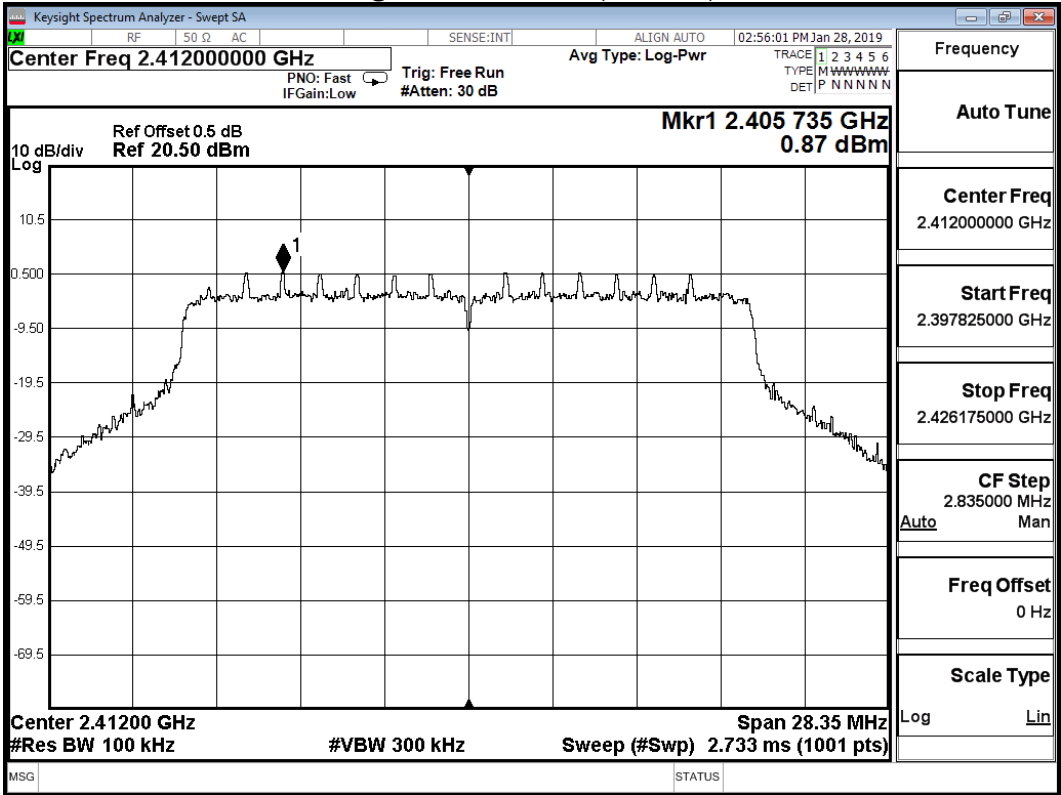


Figure Channel 07: (Chain A)

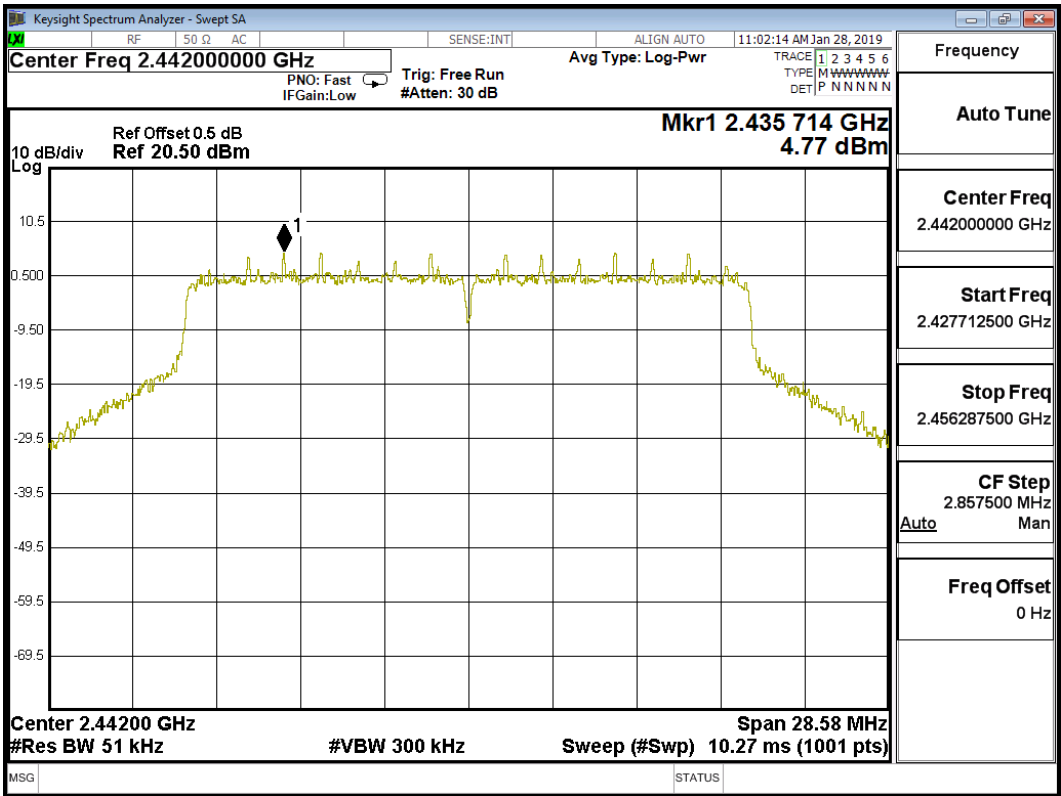


Figure Channel 07: (Chain B)

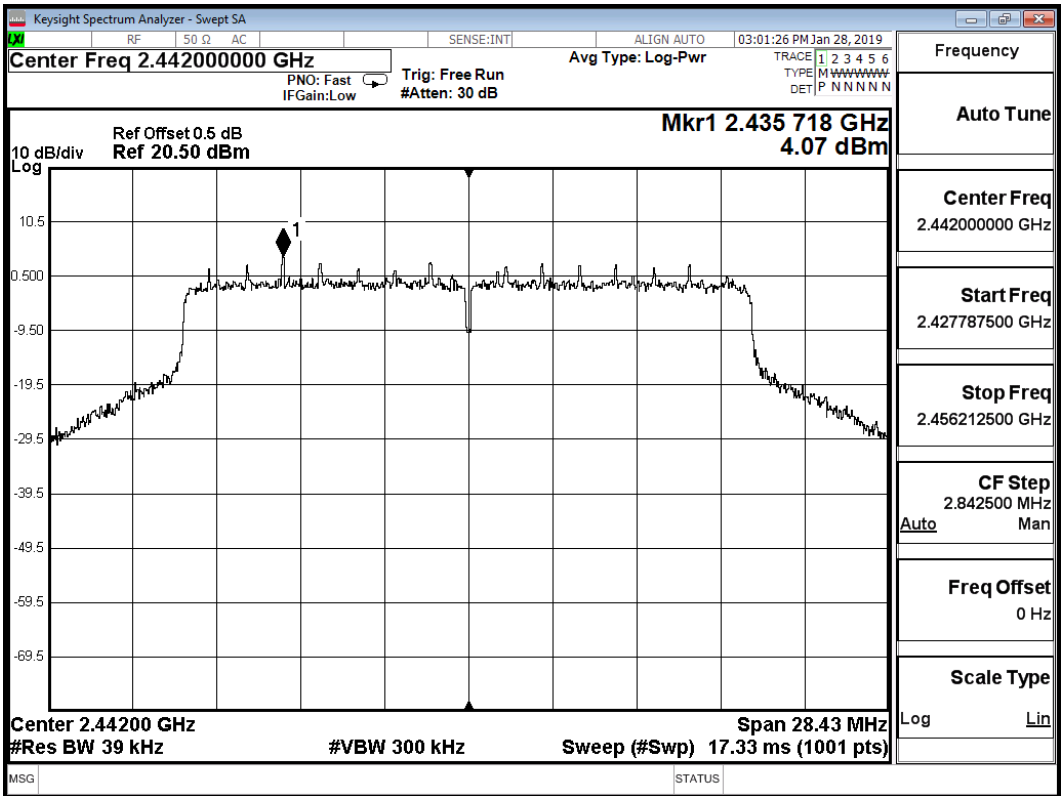


Figure Channel 11: (Chain A)

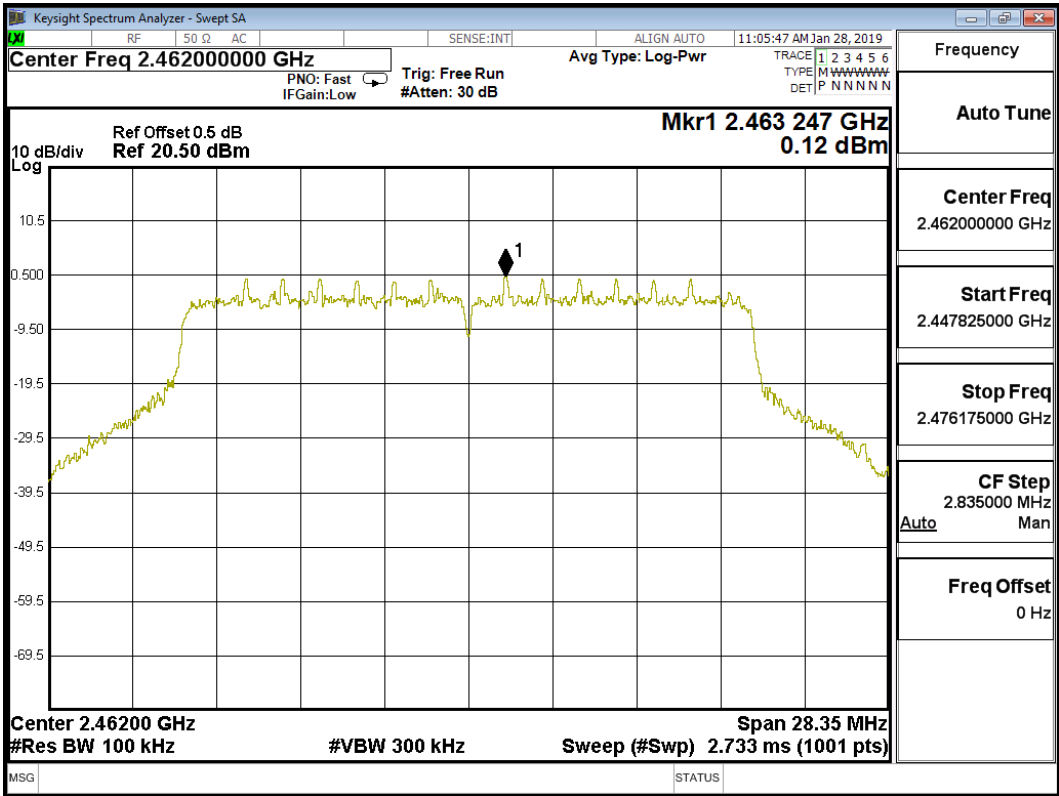


Figure Channel 11: (Chain B)

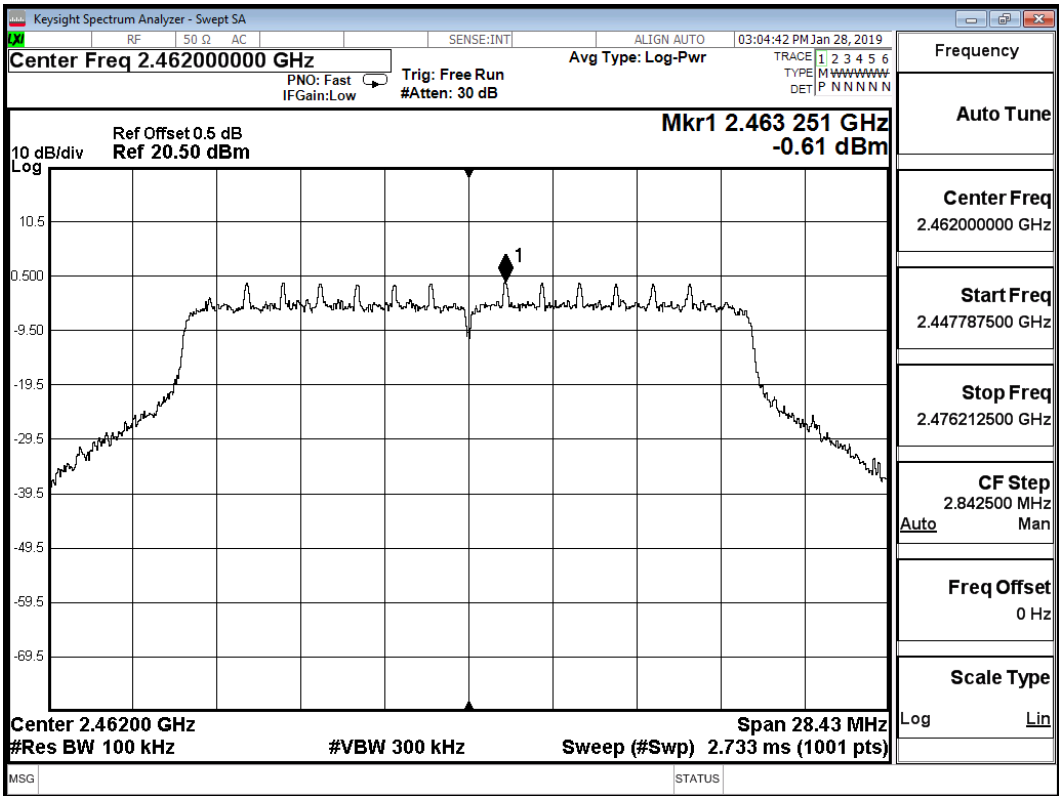


Figure Channel 12: (Chain A)

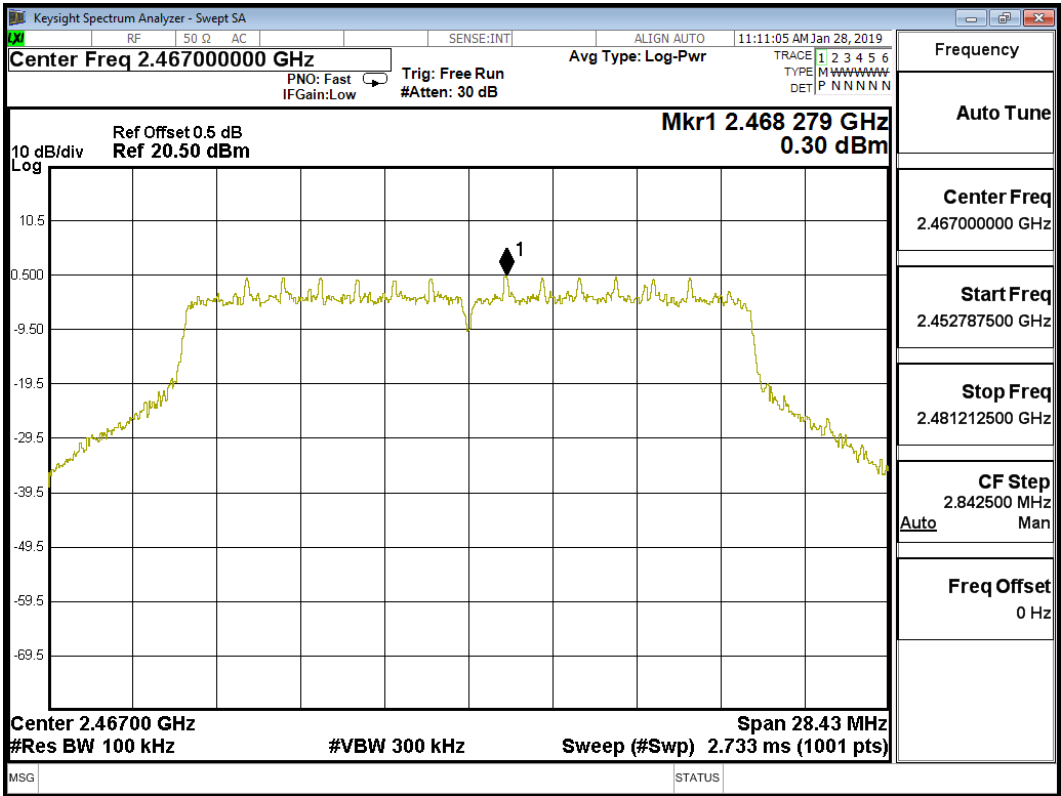


Figure Channel 12: (Chain B)

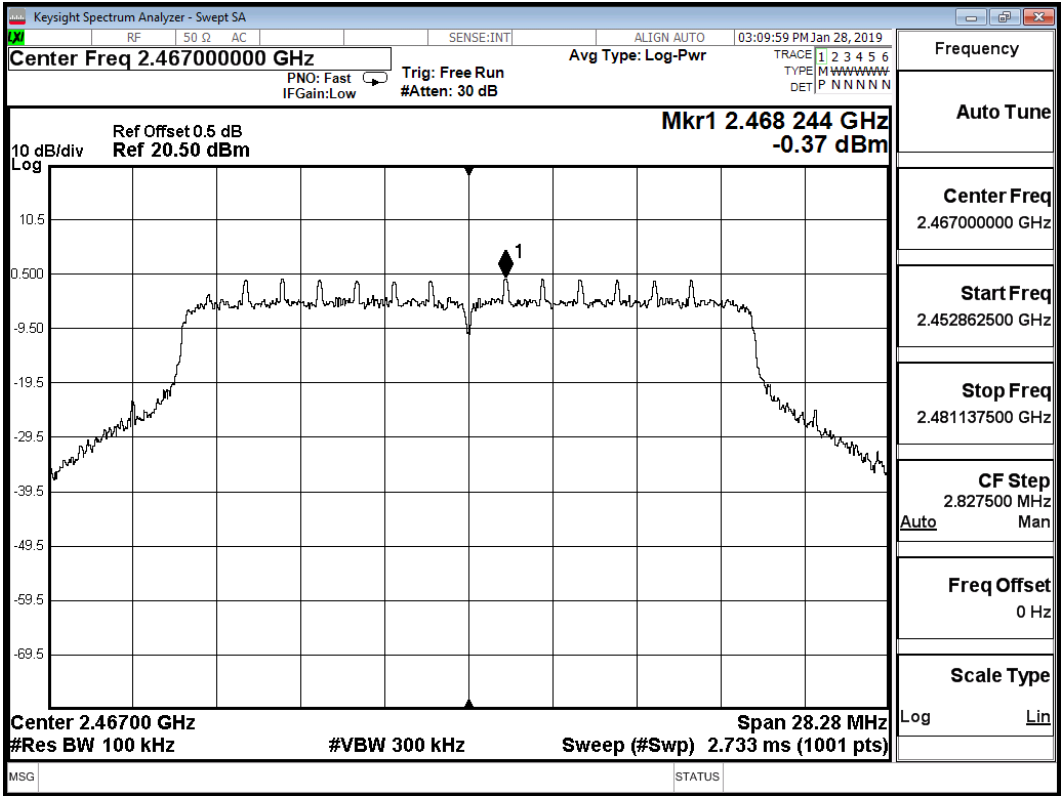


Figure Channel 13: (Chain A)

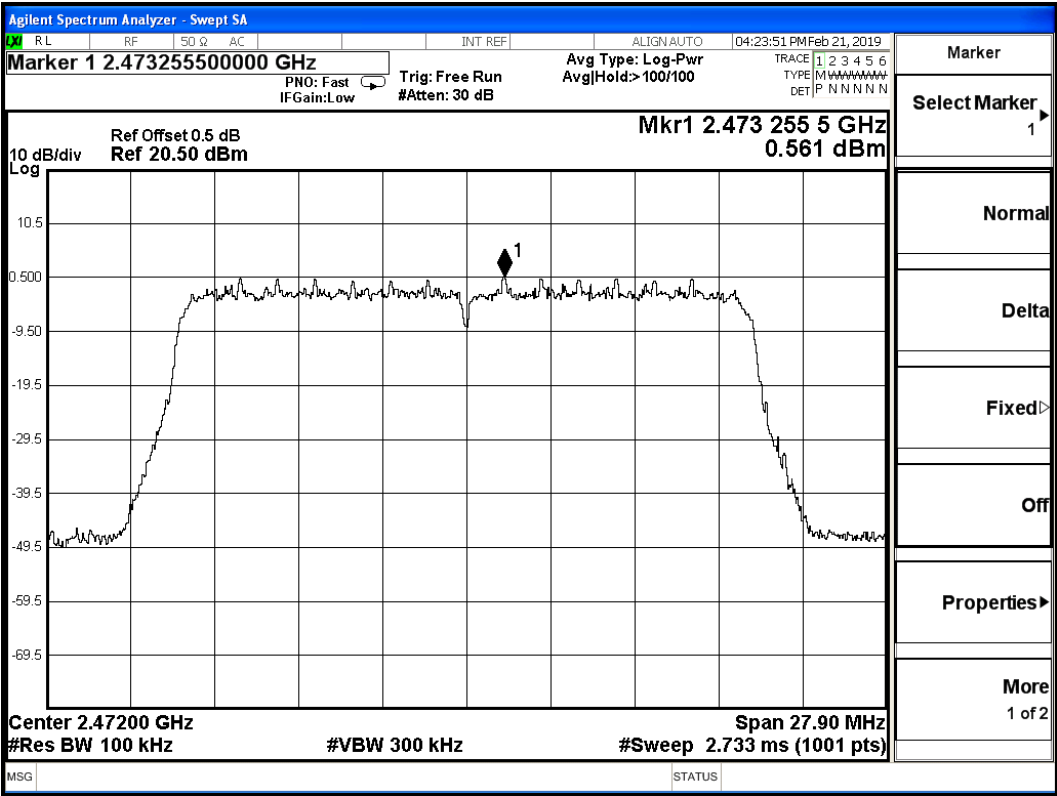
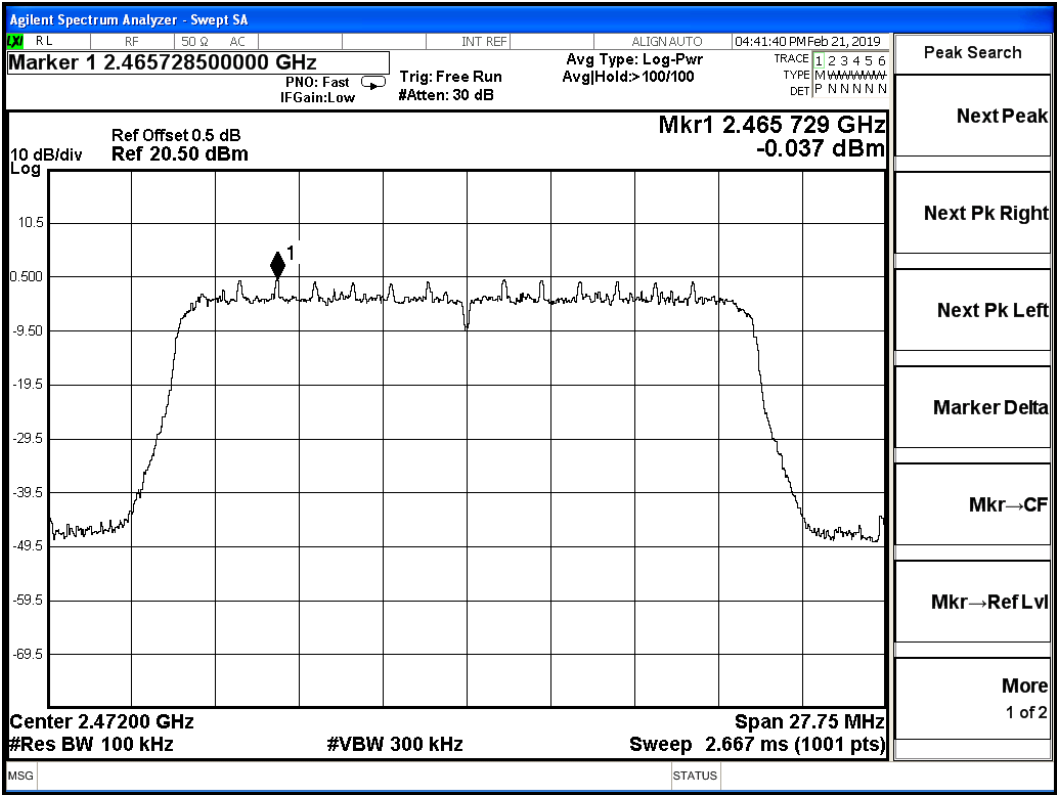


Figure Channel 13: (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試項目：功率密度

測試頻道：--

測試模式：Mode 3: MIMO: 發射器 802.11ax (40MHz)

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：108 年 01 月 28 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain	PPSD/MHz (dBm)	10*log(2) (dB)	Measure Level (dBm)	Limit (dBm)	Result
03	2422.000	A	1.350	3.010	4.360	≤ 8dBm	Pass
		B	0.760	3.010	3.770	≤ 8dBm	Pass
07	2442.000	A	1.160	3.010	4.170	≤ 8dBm	Pass
		B	0.710	3.010	3.720	≤ 8dBm	Pass
09	2452.000	A	-0.900	3.010	2.110	≤ 8dBm	Pass
		B	-1.360	3.010	1.650	≤ 8dBm	Pass
10	2457.00	A	-6.020	3.010	-3.010	≤ 8dBm	Pass
		B	-6.440	3.010	-3.430	≤ 8dBm	Pass
11	2462.00	A	-0.802	3.010	2.208	≤ 8dBm	Pass
		B	-0.996	3.010	2.014	≤ 8dBm	Pass

Note:

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

Figure Channel 03: (Chain A)

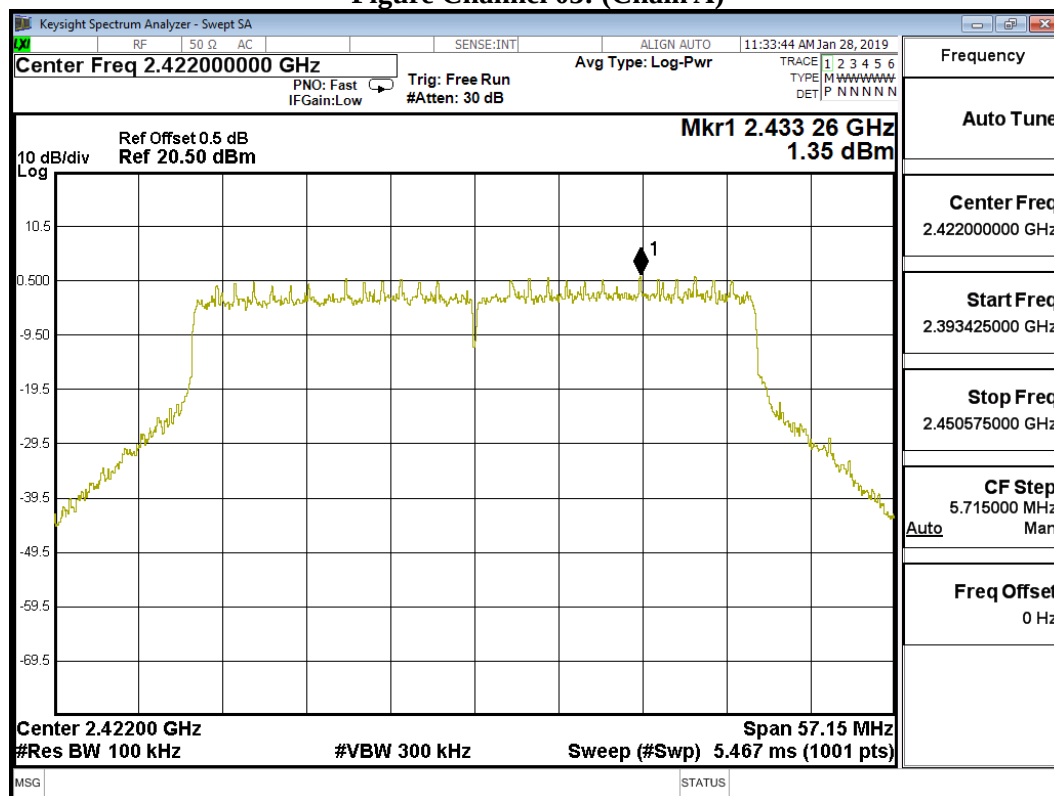


Figure Channel 03: (Chain B)

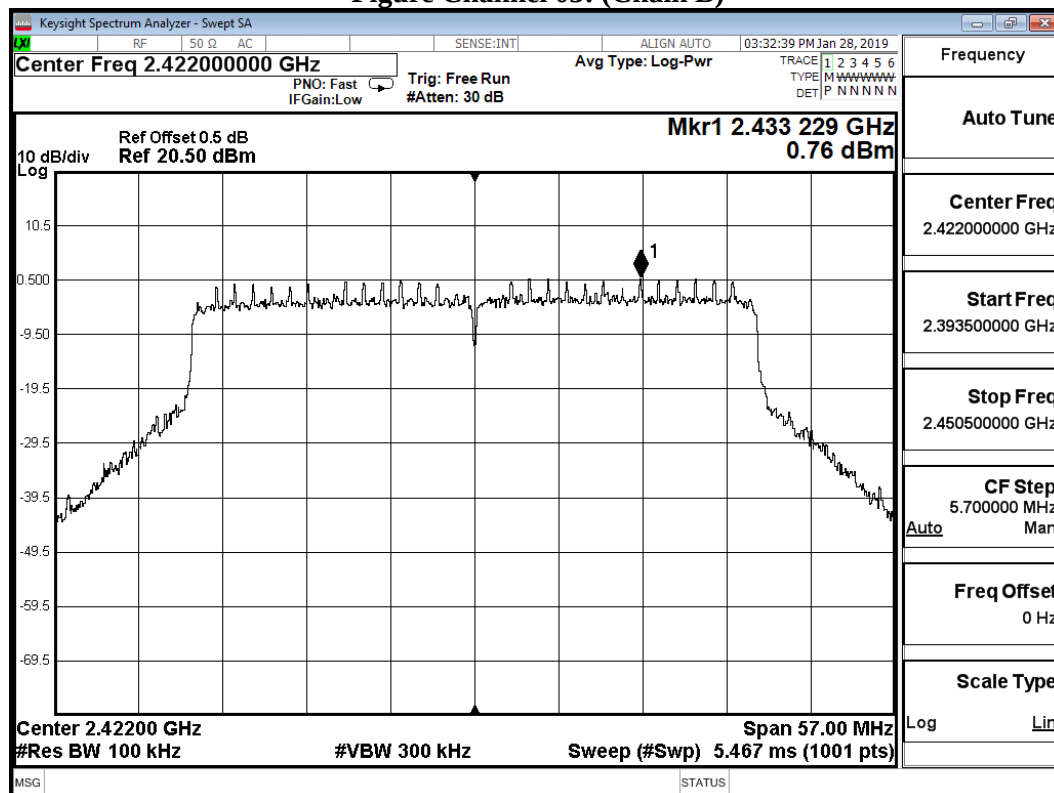


Figure Channel 07: (Chain A)

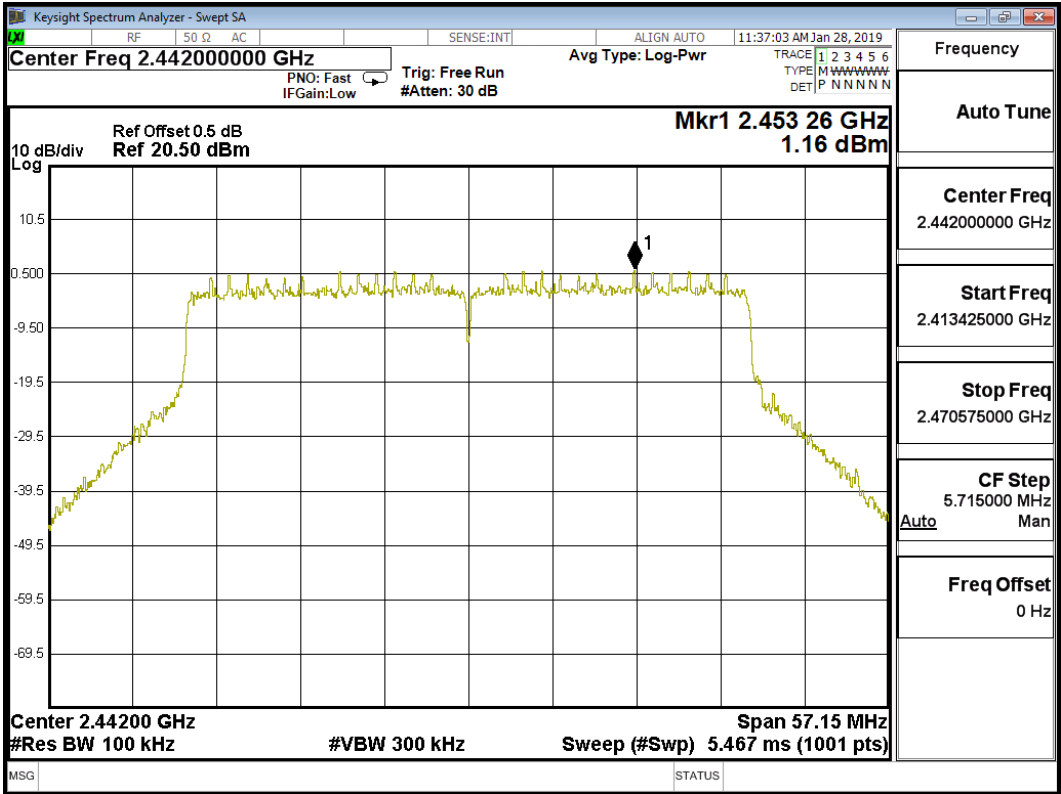


Figure Channel 07: (Chain B)

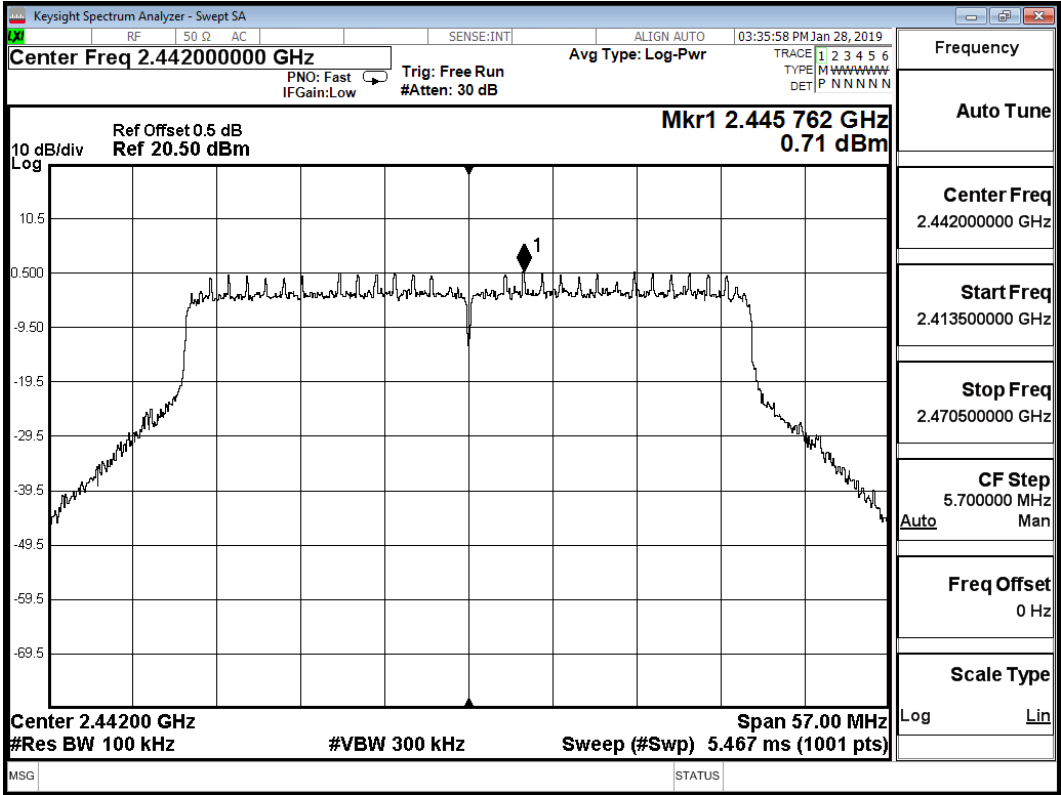


Figure Channel 09: (Chain A)

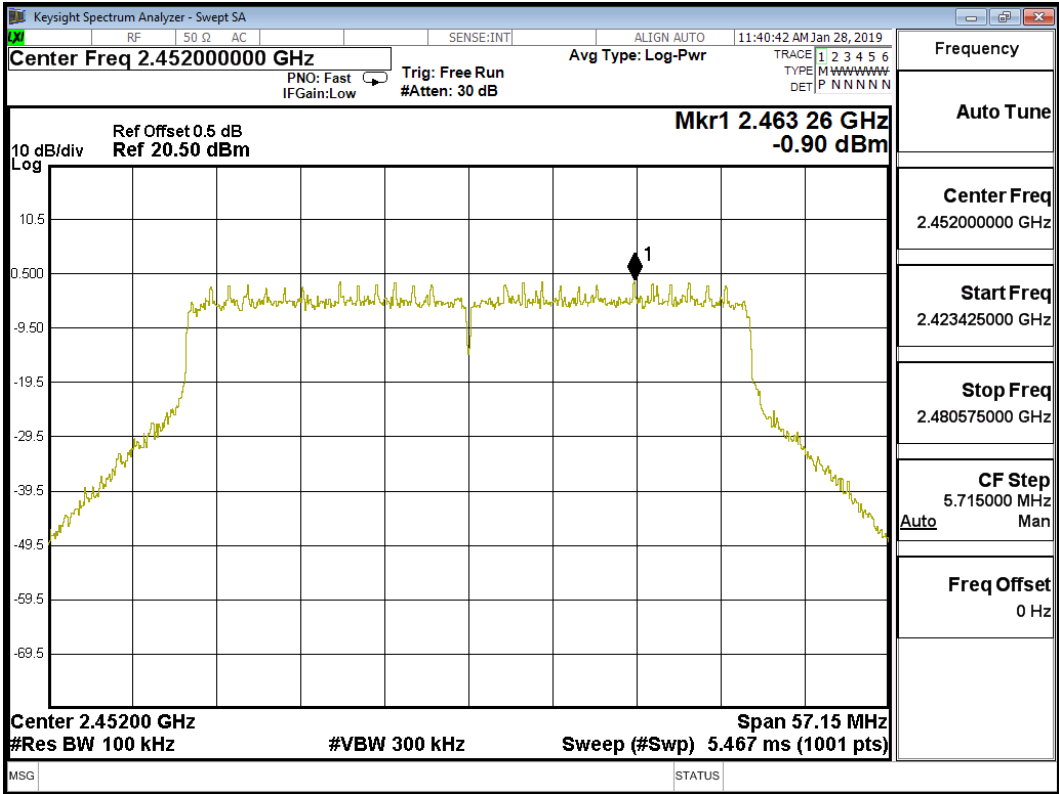


Figure Channel 09: (Chain B)

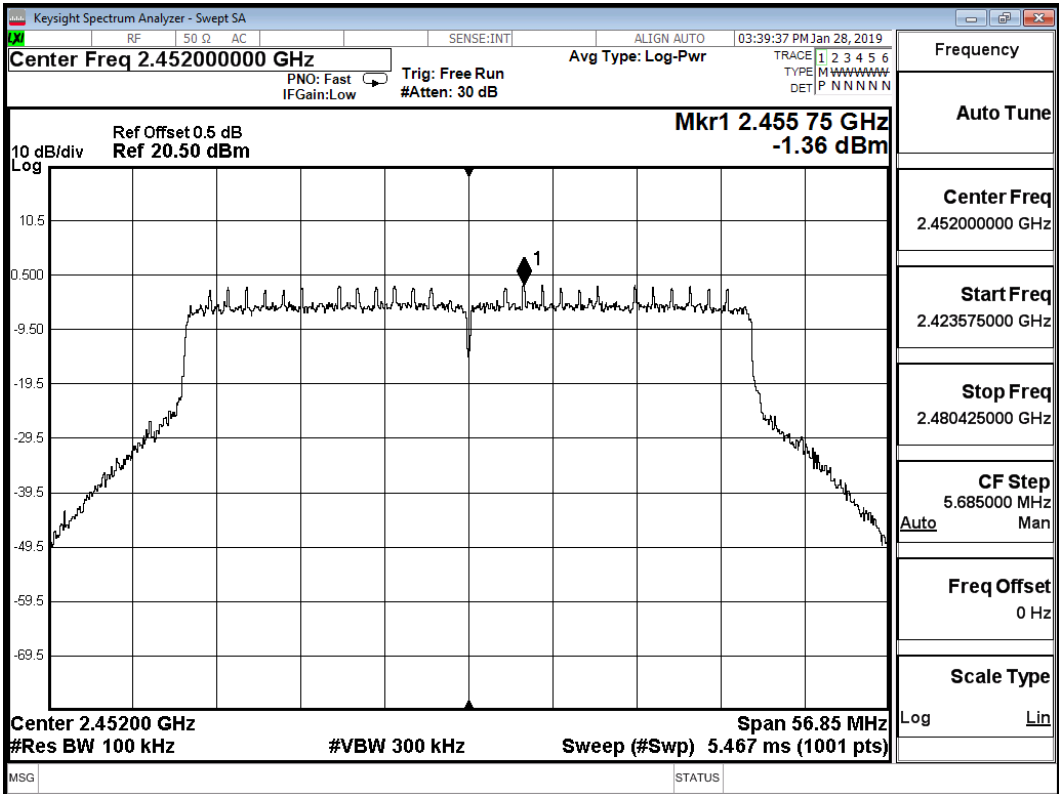


Figure Channel 10: (Chain A)

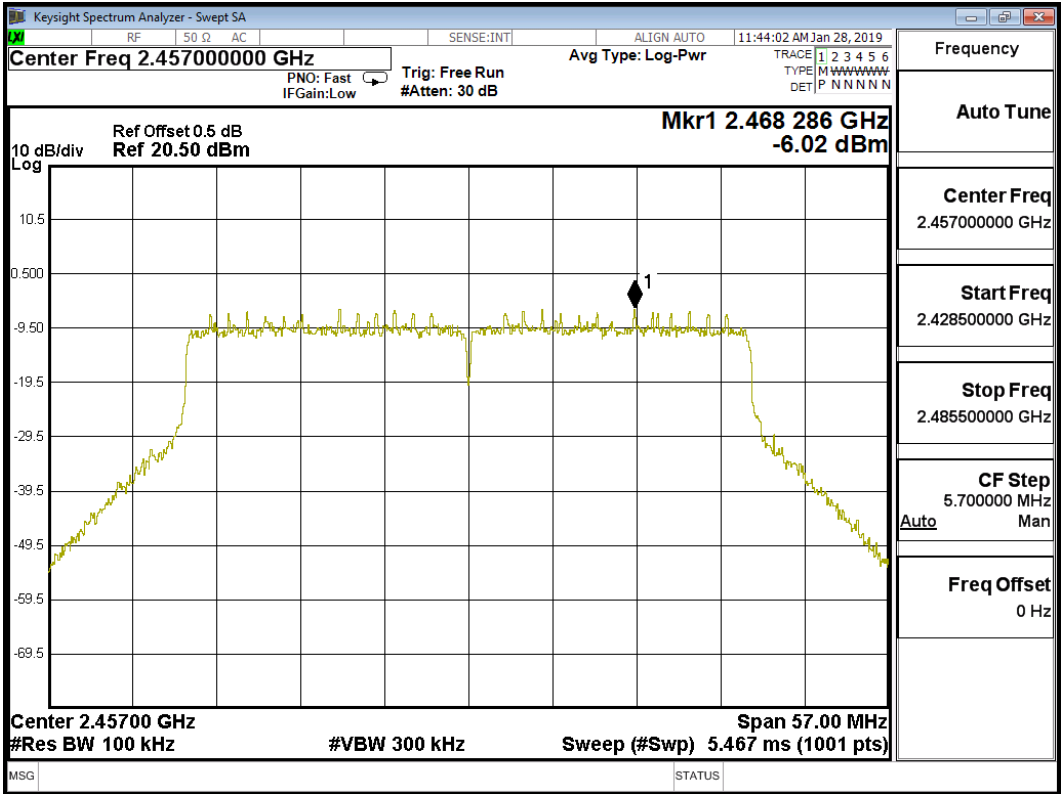


Figure Channel 10: (Chain B)

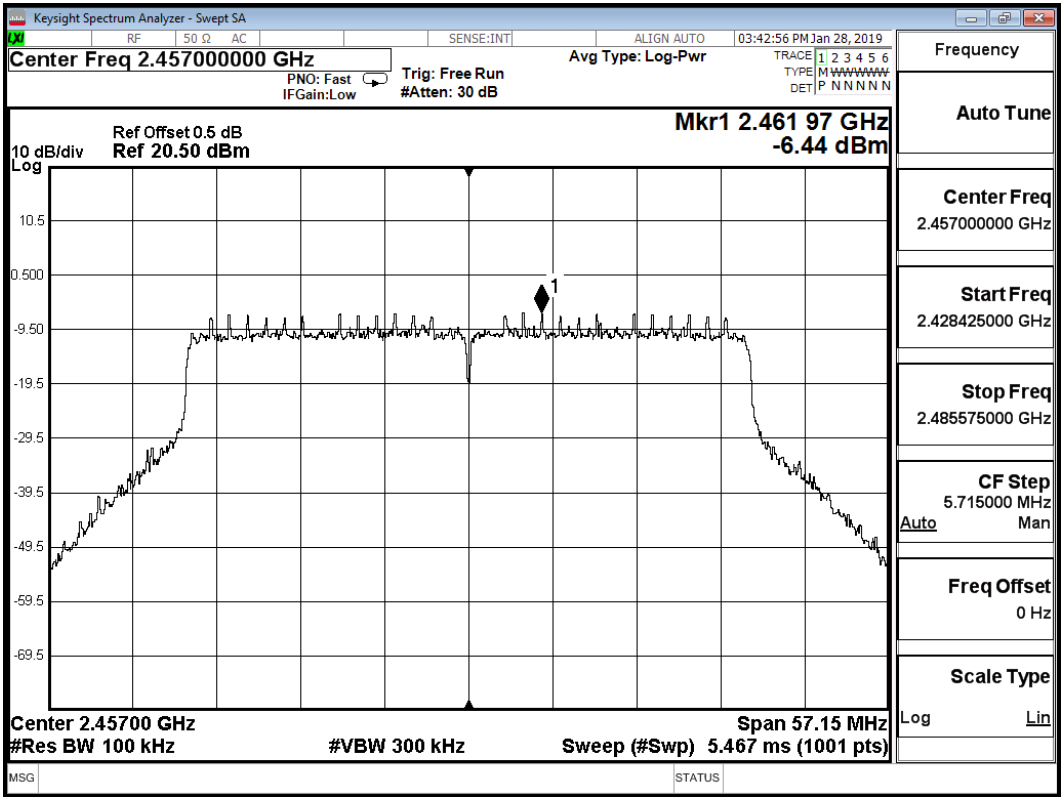


Figure Channel 11: (Chain A)

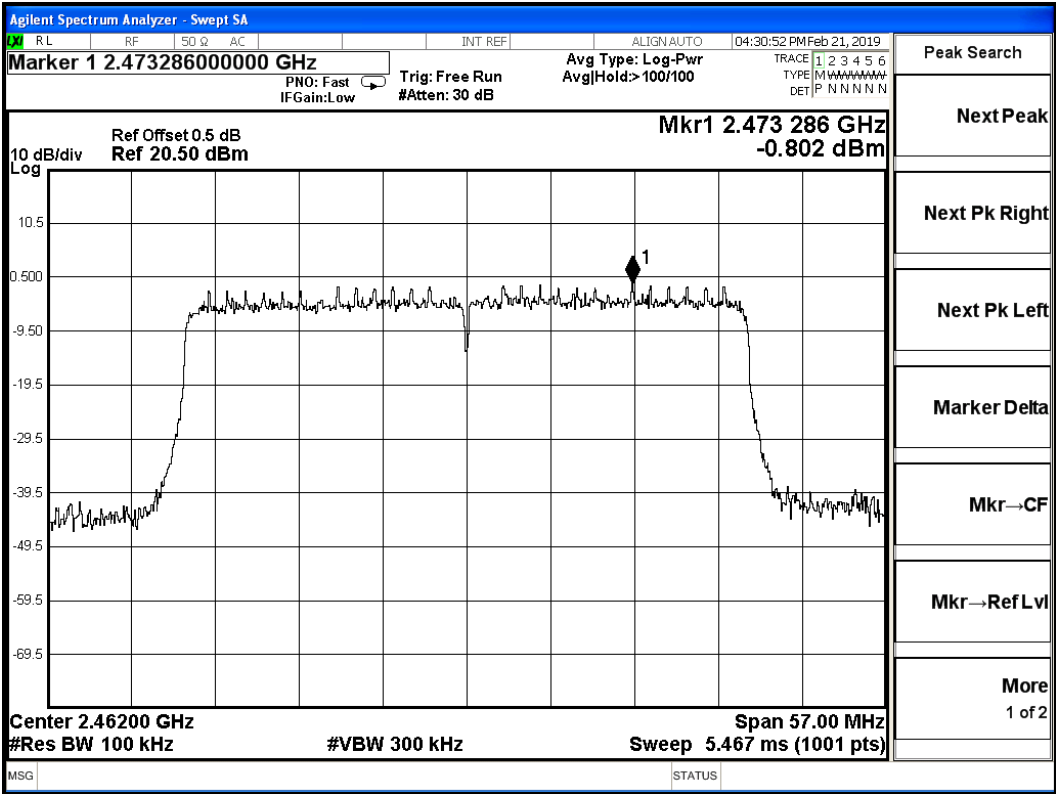
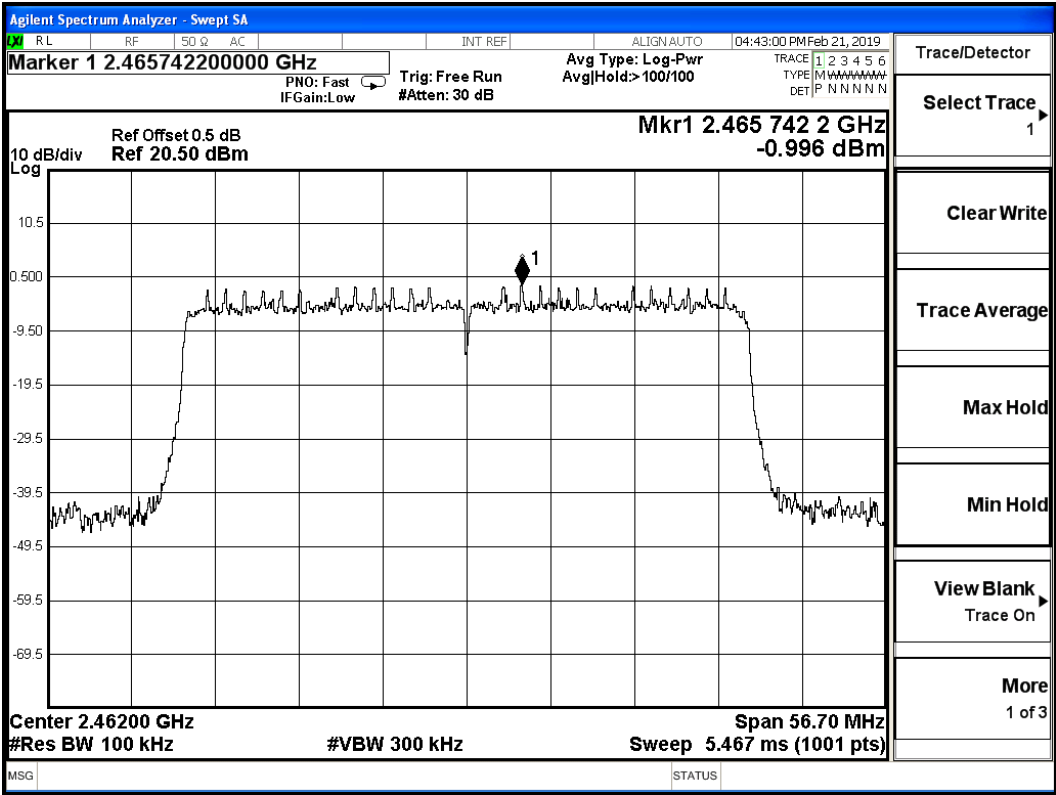


Figure Channel 11: (Chain B)



功率密度測試結果:

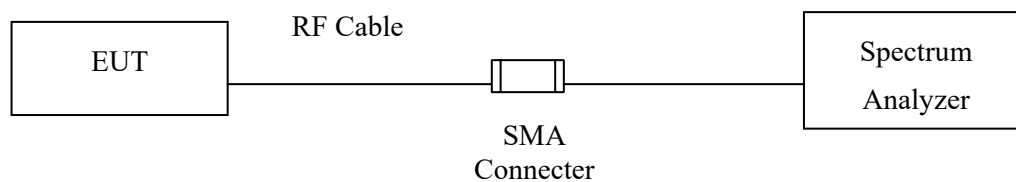
PASS

11. Duty Cycle

11.1. 量測方法

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，
待測物應在正常發射狀態下量測。

11.2. 測試架構圖



11.3. 量測不確定度

此項測試之量測不確定度為 $\pm 2.31\text{msec}$

11.4. Duty Cycle 測試結果

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：108年01月14日

測試項目：Duty Cycle

測試模式：--

測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

Duty Cycle Formula:

$$\text{Duty Cycle} = \text{Ton} / (\text{Ton} + \text{Toff})$$
$$\text{Duty Factor} = 10 \text{ Log } (1/\text{Duty Cycle})$$

Results:

SISO A

2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11b	8.3623	8.4058	99.48	0.02
802.11g	0.2116	0.2580	82.02	0.86
802.11n20	0.2319	0.2783	83.33	0.79
802.11n40	0.2464	0.2928	84.16	0.75
802.11ax20	0.2348	0.2812	83.50	0.78
802.11ax40	0.2319	0.2812	82.47	0.84

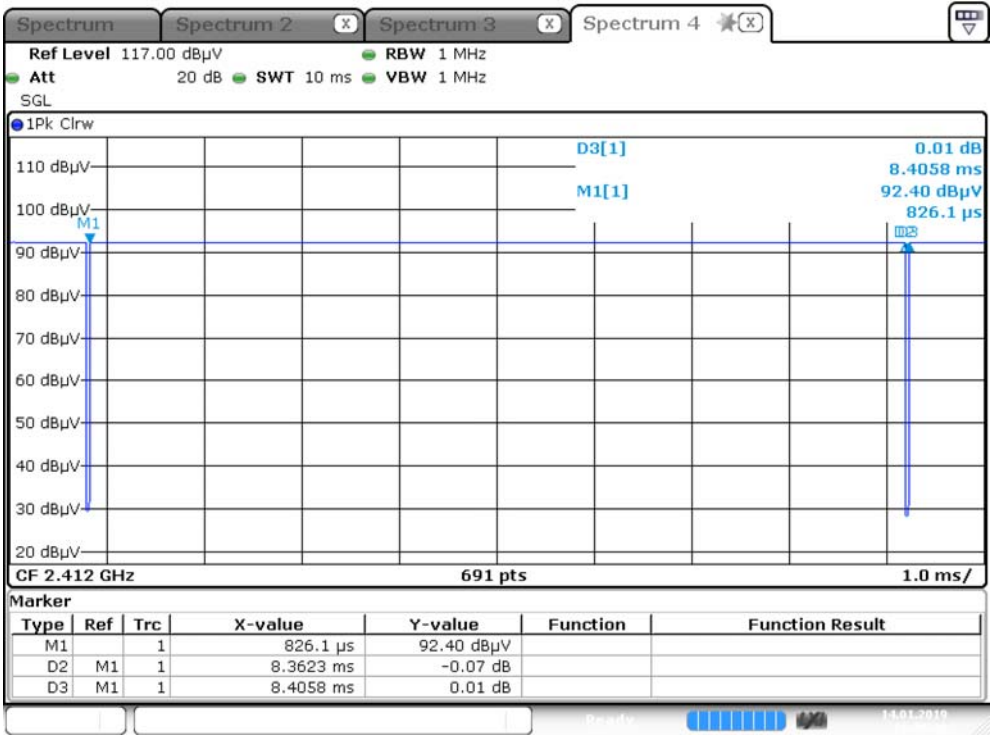
SISO B

2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11b	8.3478	8.4058	99.31	0.03
802.11g	0.2145	0.2609	82.22	0.85
802.11n20	0.2319	0.2783	83.33	0.79
802.11n40	0.2319	0.3000	77.29	1.12
802.11ax20	0.2261	0.2725	82.98	0.81
802.11ax40	0.2058	0.2754	74.74	1.26

MIMO

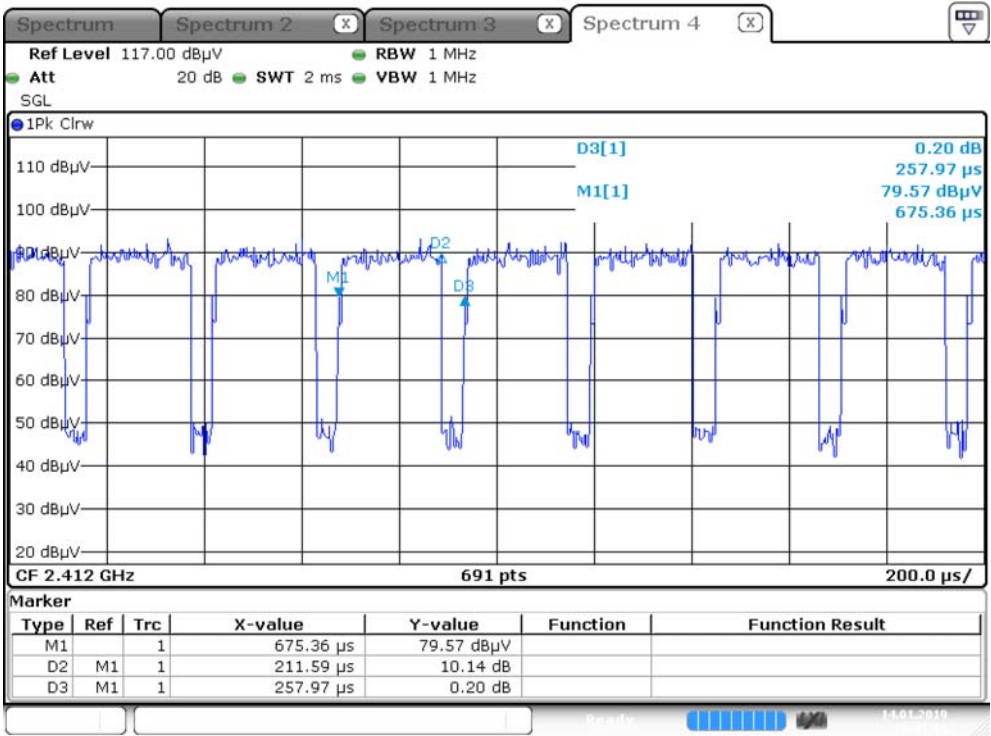
2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11n20	0.2464	0.2957	83.34	0.79
802.11n40	0.2435	0.2928	83.17	0.80
802.11ax20	0.2261	0.2754	82.11	0.86
802.11ax40	0.2406	0.2899	83.00	0.81

802.11b (SISO A)



Date: 14.JAN.2019 19:30:26

802.11g (SISO A)



Date: 14.JAN.2019 19:41:03