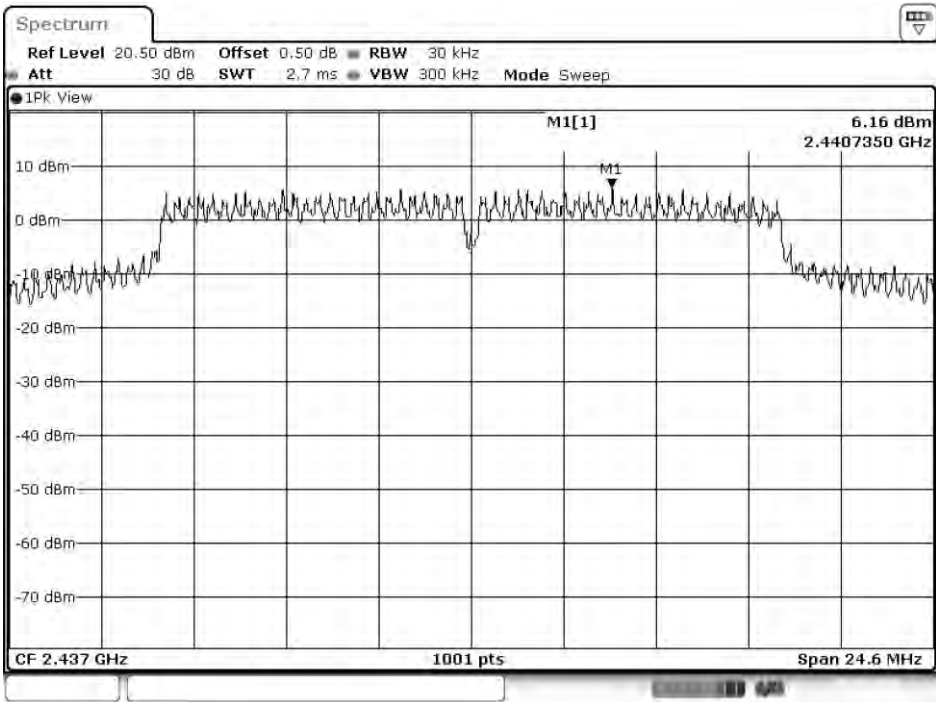
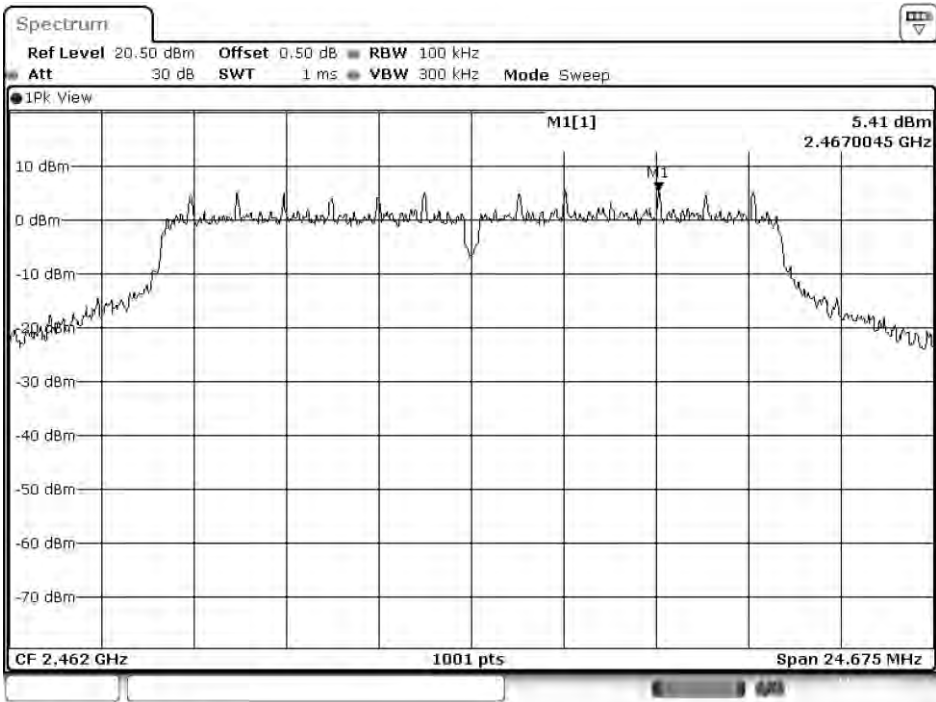


Figure Channel 06:



Date: 5.MAR.2018 11:26:07

Figure Channel 11:



Date: 24.MAR.2018 17:42:50

Figure Channel 12:

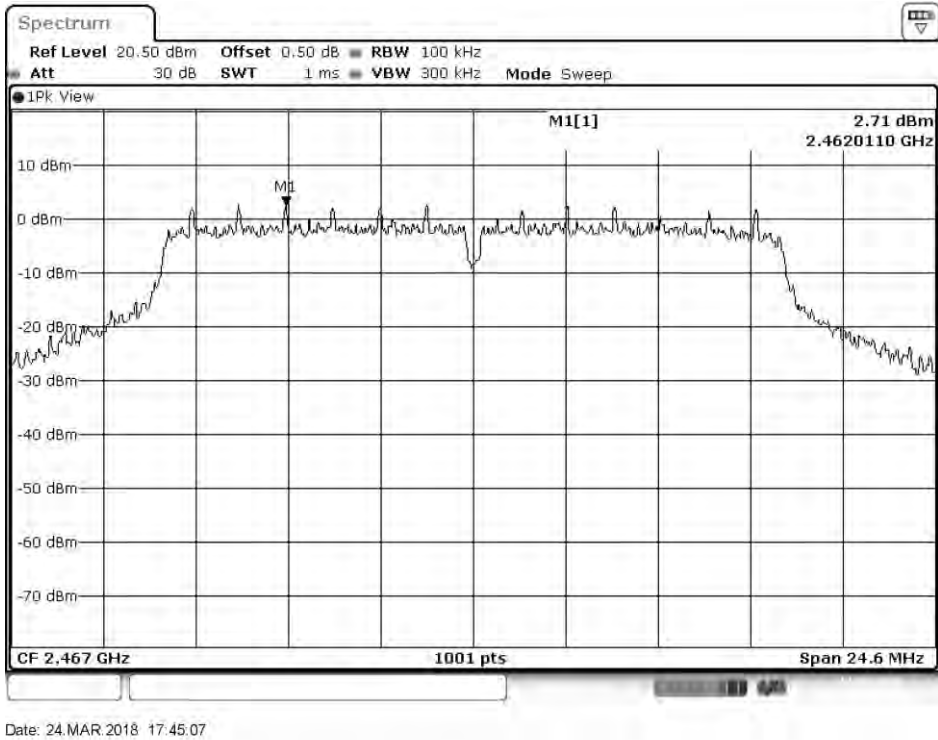
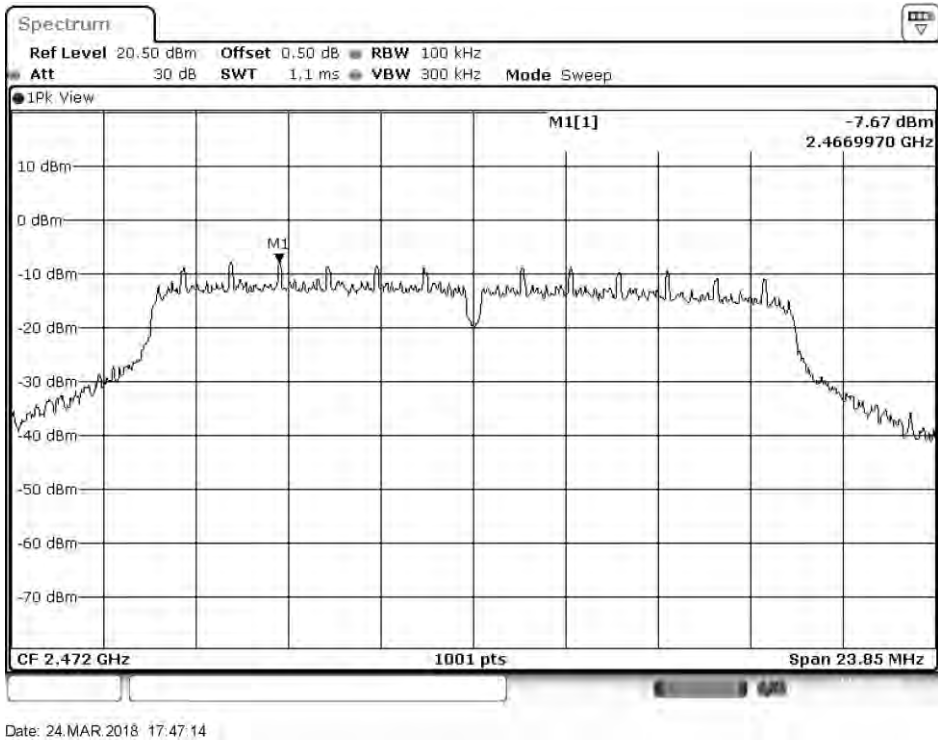


Figure Channel 13:



待測物名稱：Intel® Wireless-AC 9560

待測物型號：9560D2WL

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：107年03月24日

測試項目：功率密度

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

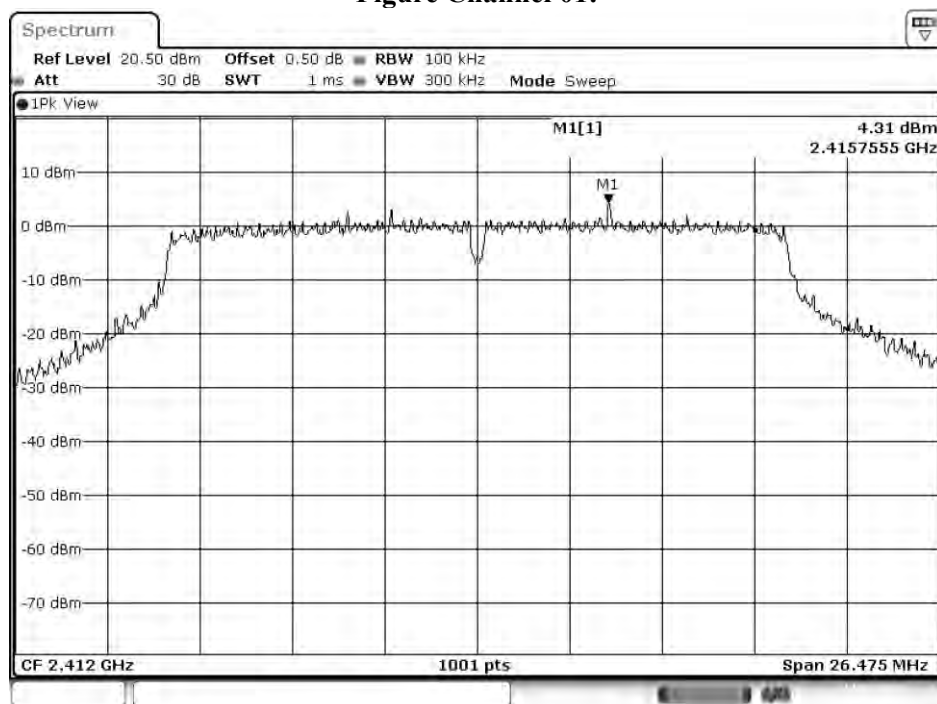
測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

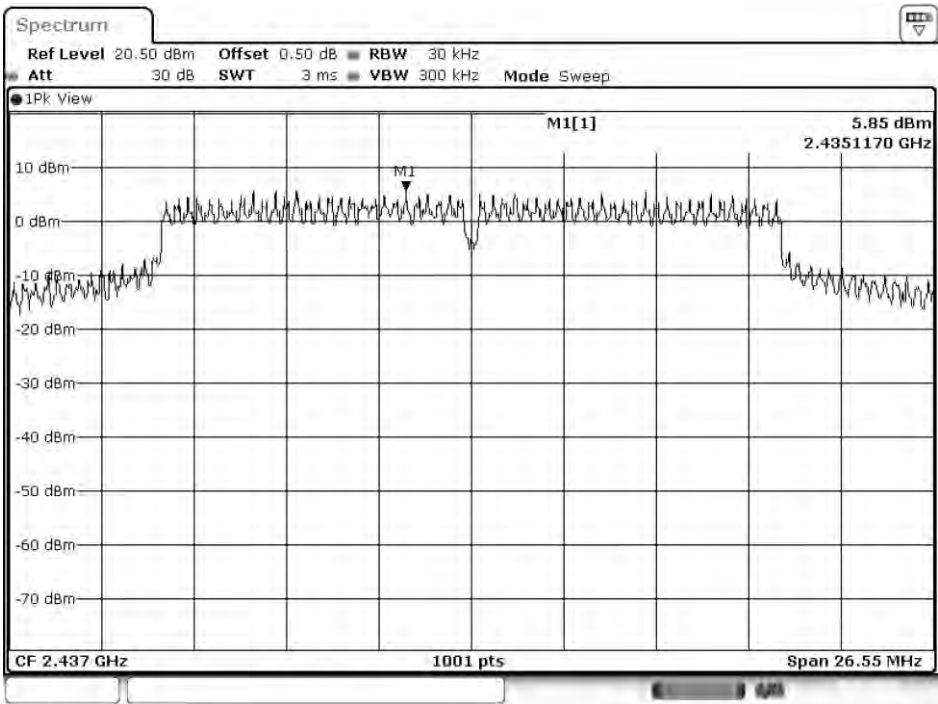
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	4.31	$\leq 8\text{dBm}$	Pass
06	2437	5.85	$\leq 8\text{dBm}$	Pass
11	2462	5.18	$\leq 8\text{dBm}$	Pass
12	2467	1.26	$\leq 8\text{dBm}$	Pass
13	2472	-8.76	$\leq 8\text{dBm}$	Pass

Figure Channel 01:



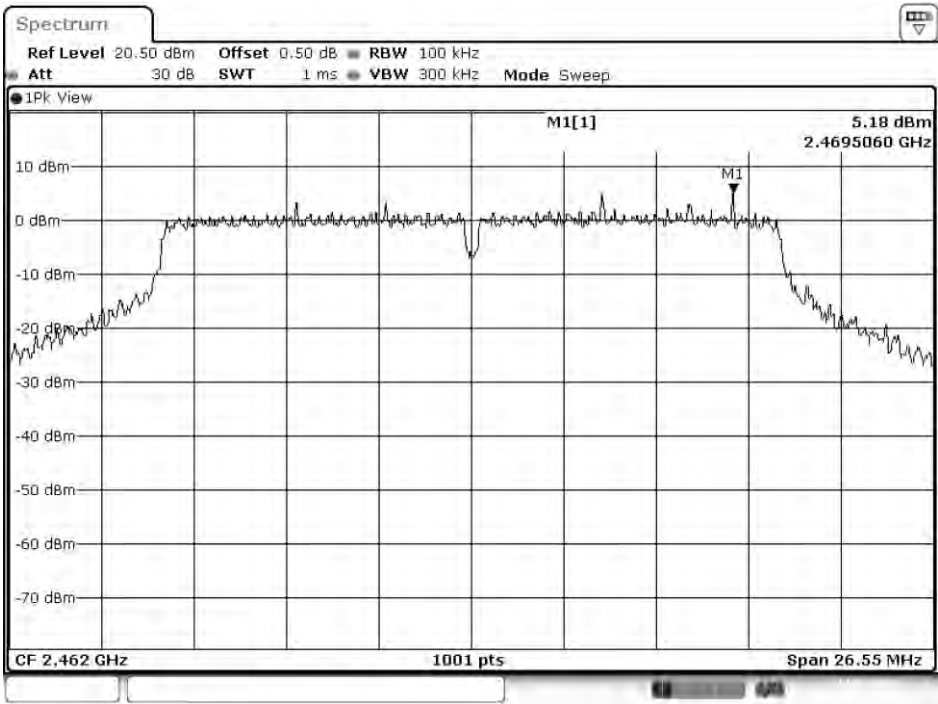
Date: 24.MAR.2018 17:49:22

Figure Channel 06:



Date: 5.MAR.2018 11:39:32

Figure Channel 11:



Date: 24.MAR.2018 17:51:30

Figure Channel 12:

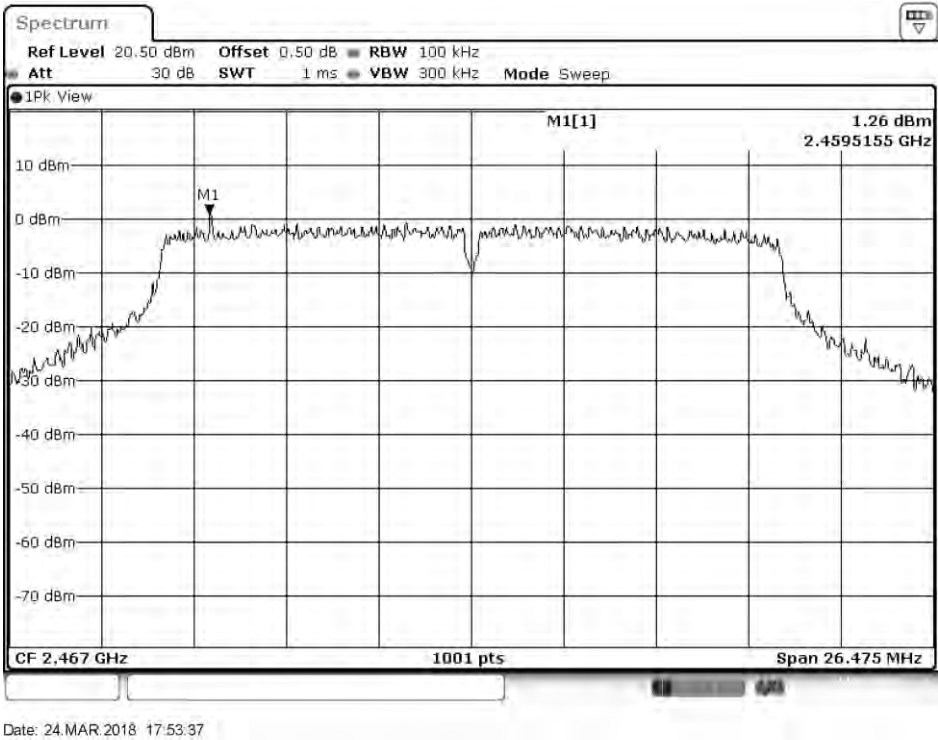
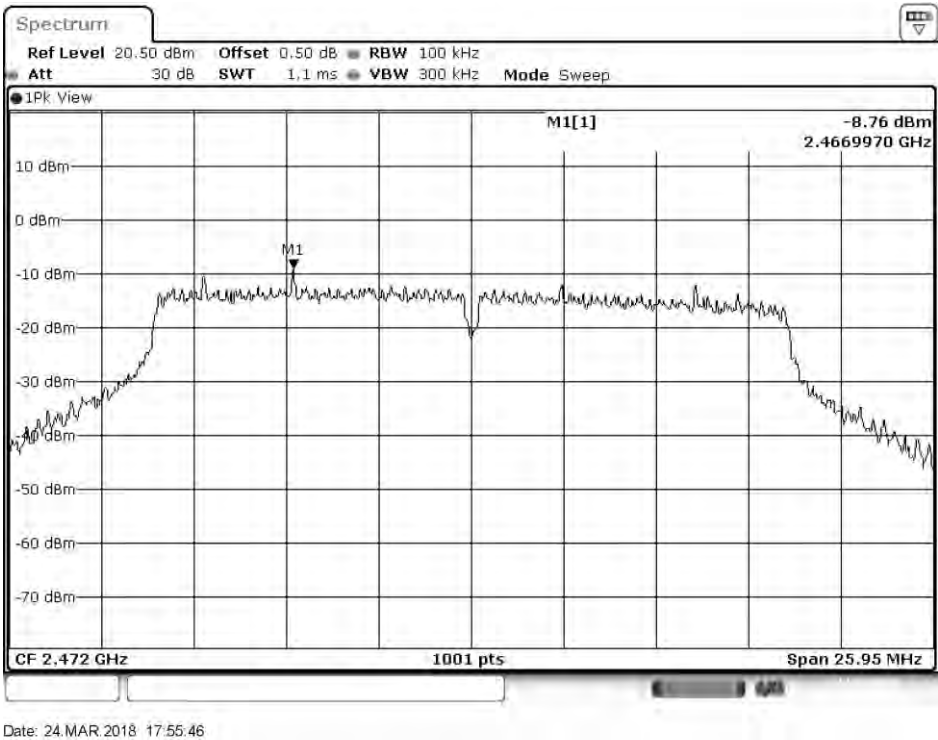


Figure Channel 13:



待測物名稱：Intel® Wireless-AC 9560

待測物型號：9560D2WL

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：107年03月24日

測試項目：功率密度

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

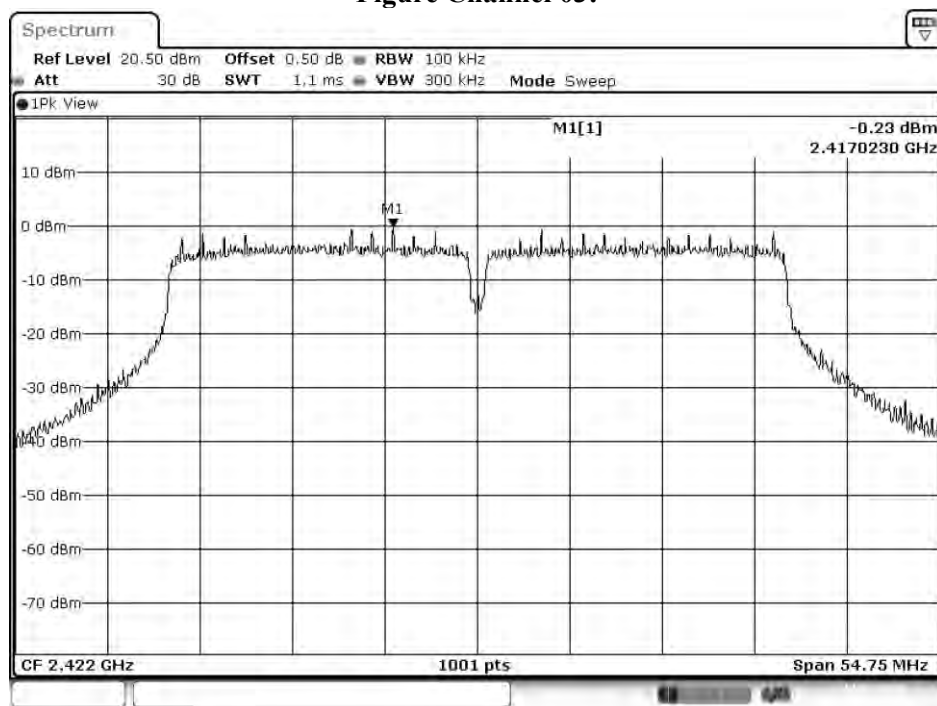
測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

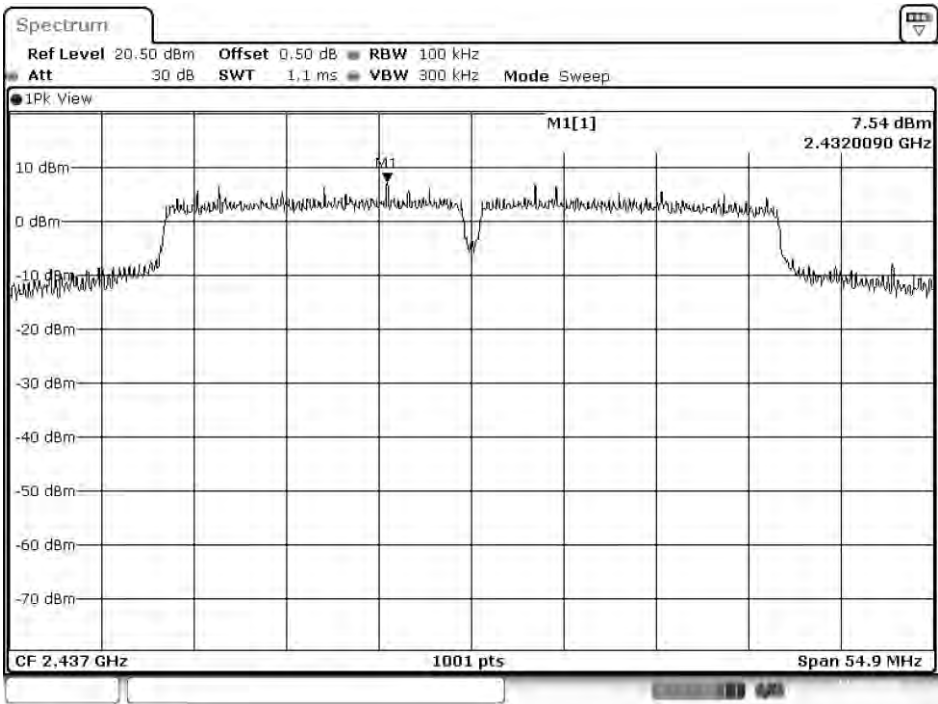
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
03	2422	-0.23	≤ 8 dBm	Pass
06	2437	7.54	≤ 8 dBm	Pass
09	2452	0.78	≤ 8 dBm	Pass
10	2457	-2.37	≤ 8 dBm	Pass
11	2462	-10.04	≤ 8 dBm	Pass

Figure Channel 03:



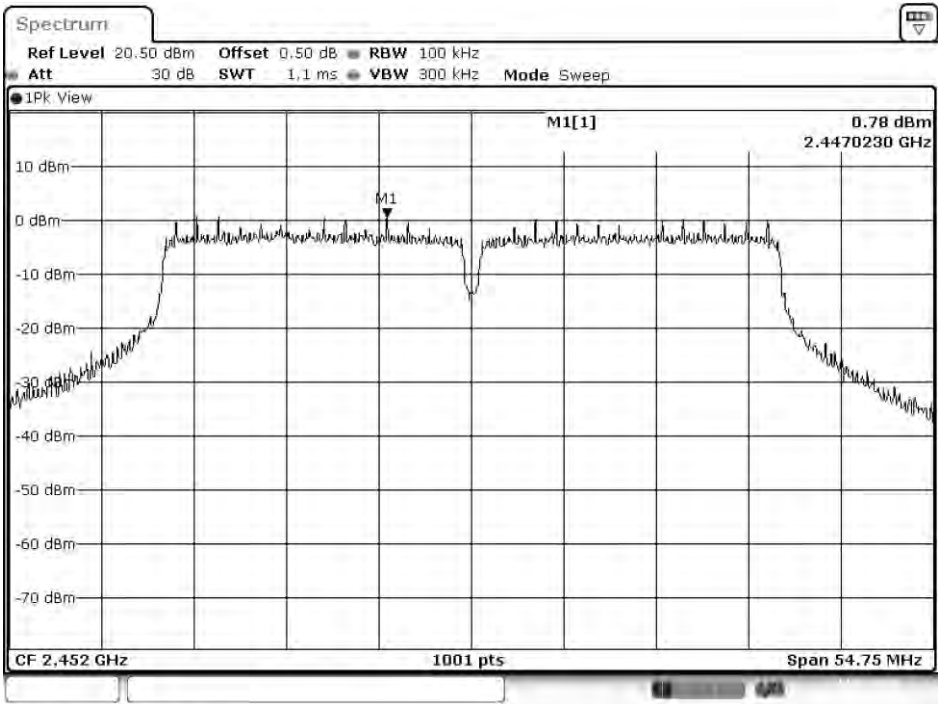
Date: 24, MAR 2018 17:58:07

Figure Channel 06:



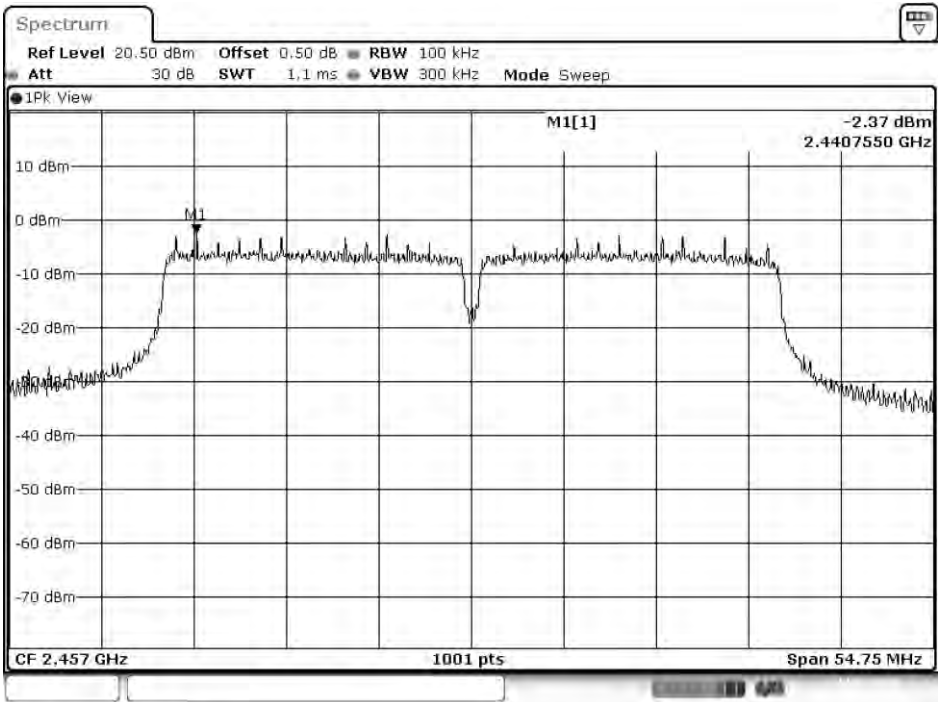
Date: 24.MAR.2018 18:00:15

Figure Channel 09:



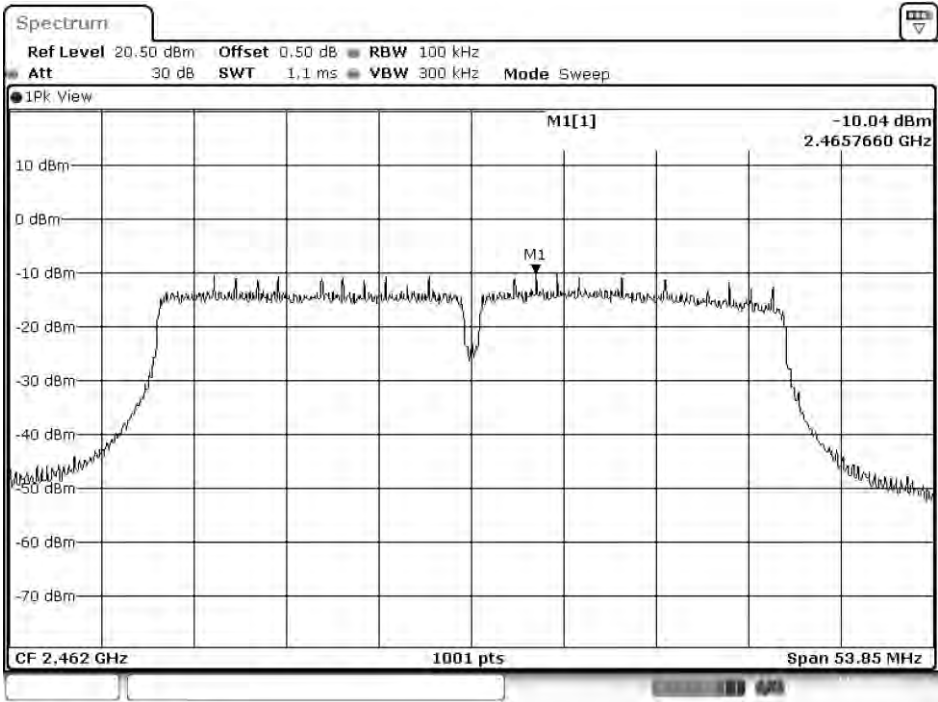
Date: 24.MAR.2018 18:02:24

Figure Channel 10:



Date: 24.MAR.2018 18:04:33

Figure Channel 11:



Date: 24.MAR.2018 18:06:40

待測物名稱：Intel® Wireless-AC 9560

待測物型號：9560D2WL

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：107年03月24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	3.53	$\leq 8\text{dBm}$	Pass
06	2437	5.90	$\leq 8\text{dBm}$	Pass
11	2462	3.27	$\leq 8\text{dBm}$	Pass
12	2467	5.61	$\leq 8\text{dBm}$	Pass
13	2472	4.97	$\leq 8\text{dBm}$	Pass

Figure Channel 01:

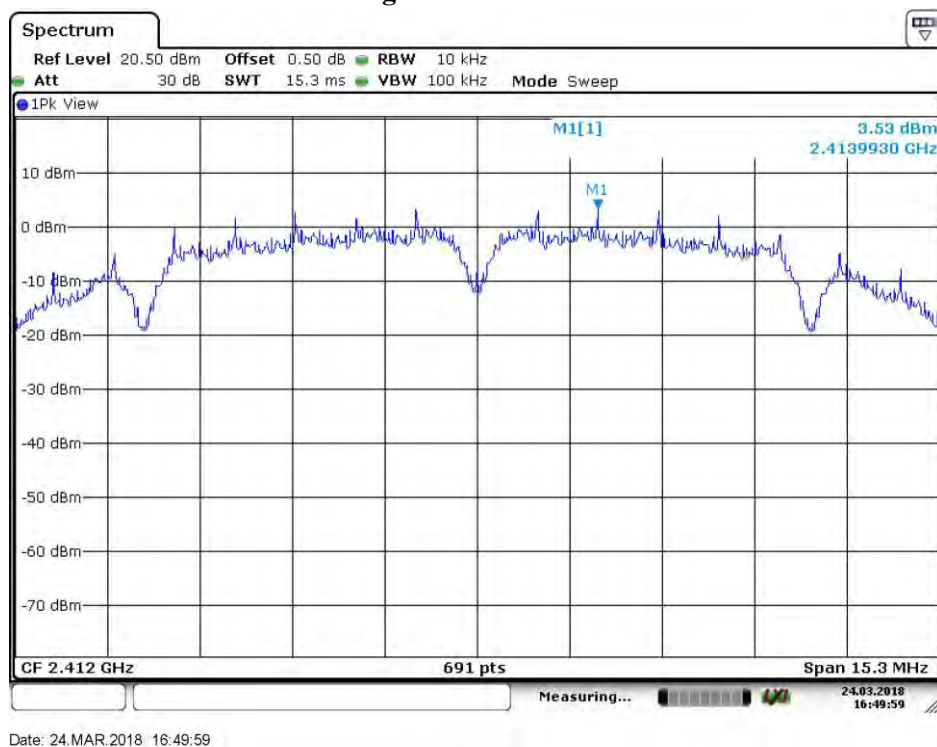
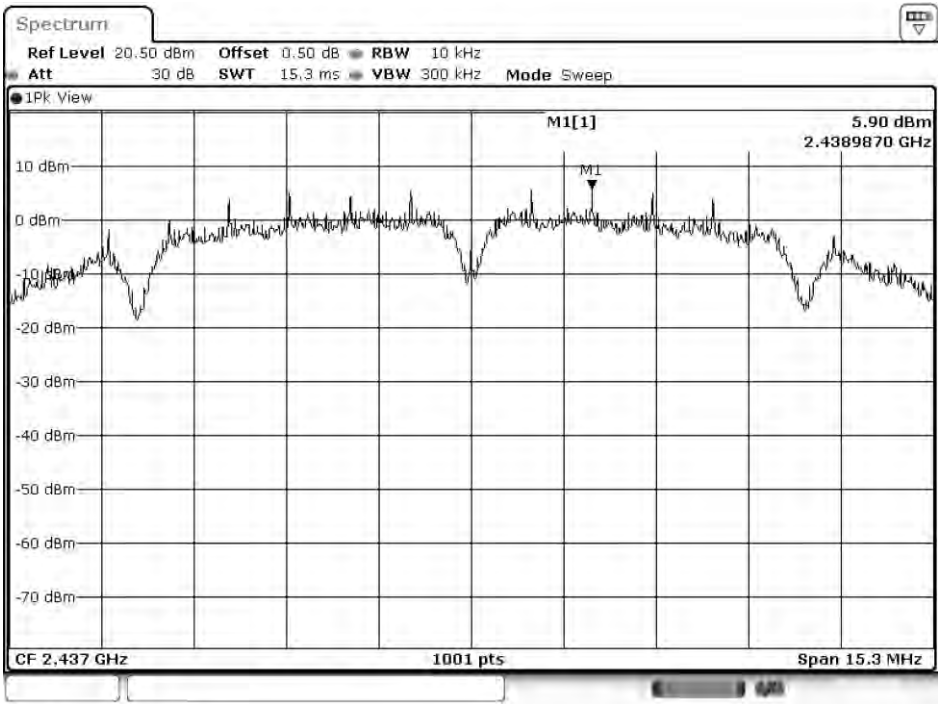
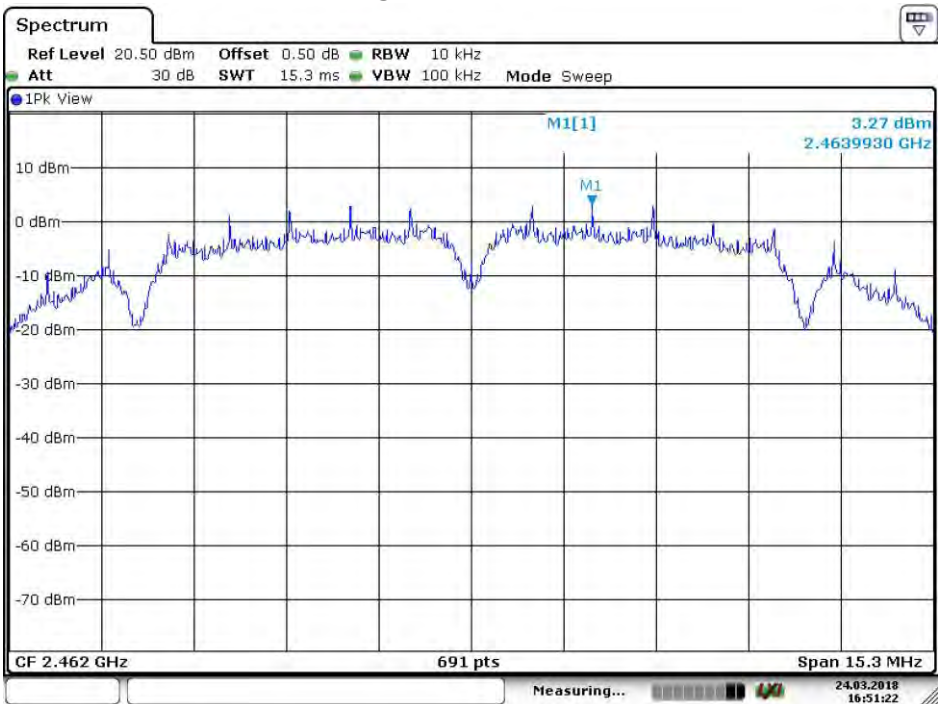


Figure Channel 06:



Date: 5.MAR.2018 13:15:46

Figure Channel 11:



Date: 24.MAR.2018 16:51:22

Figure Channel 12:

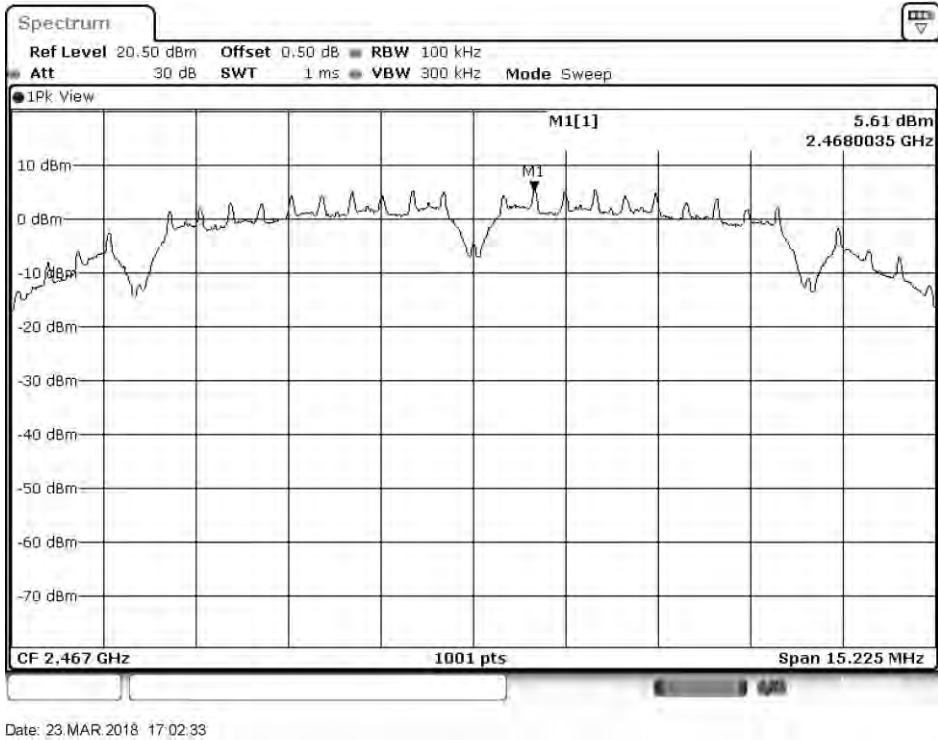
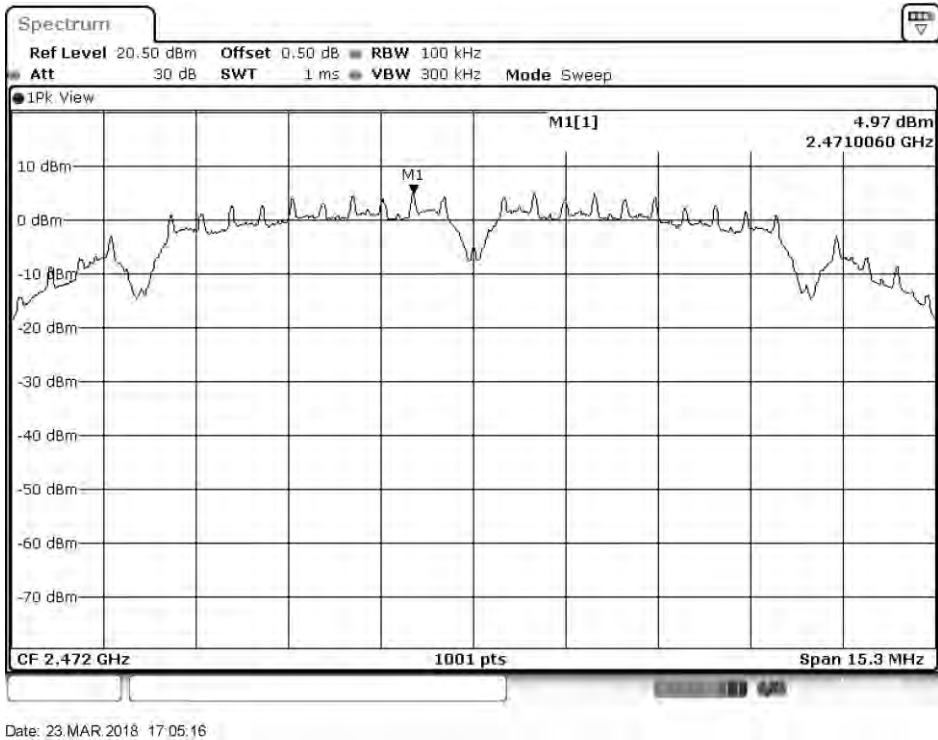


Figure Channel 13:



待測物名稱：Intel® Wireless-AC 9560

待測物型號：9560D2WL

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：107年03月23日

測試項目：功率密度

測試模式：Mode 2: SISO B: 發射器 802.11g

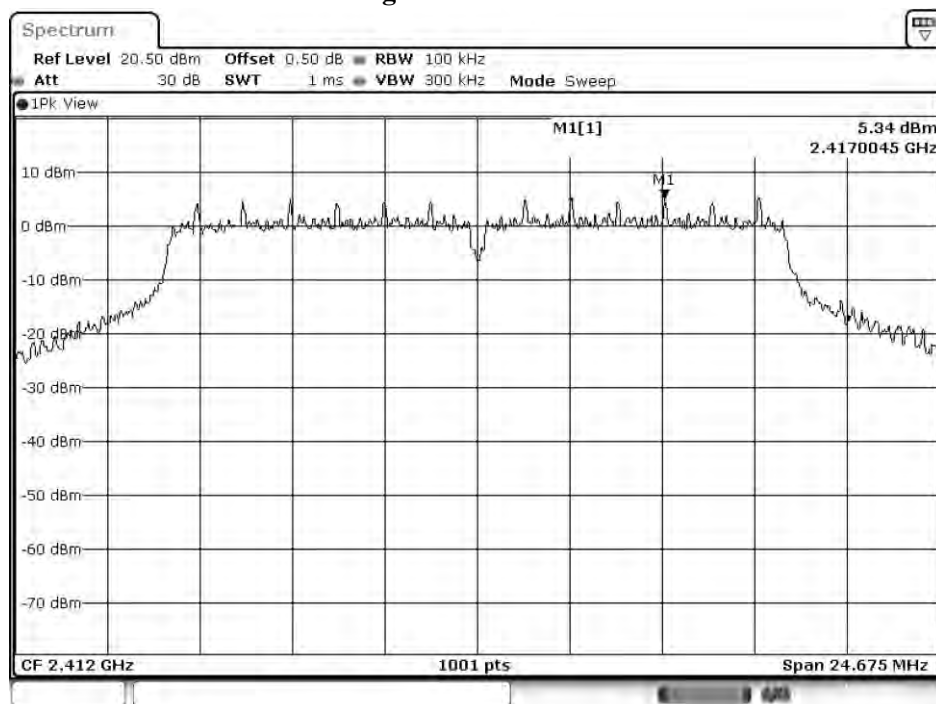
測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

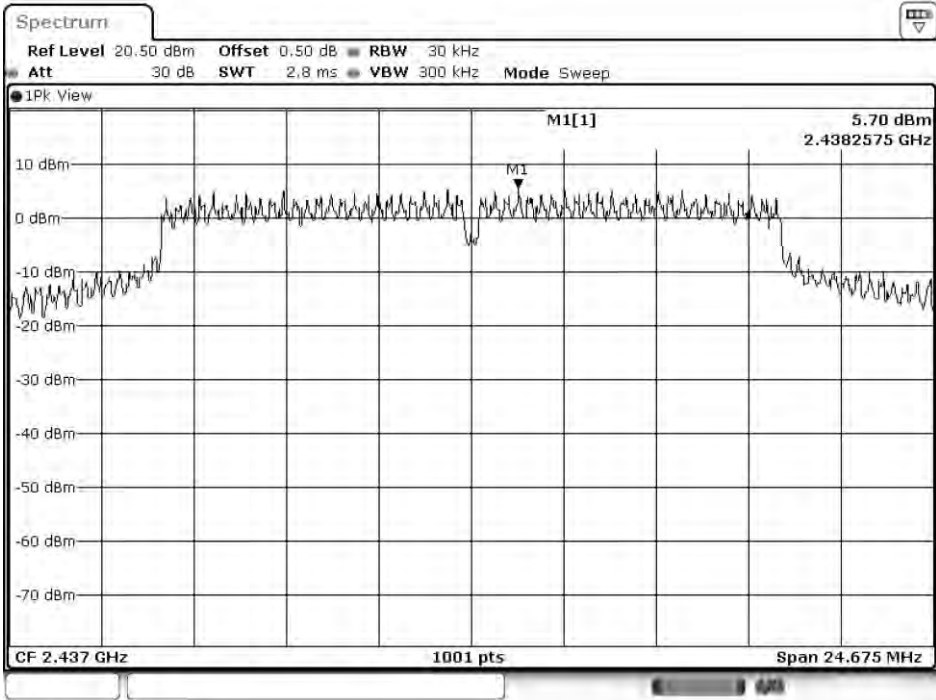
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	5.34	≤ 8 dBm	Pass
06	2437	5.70	≤ 8 dBm	Pass
11	2462	5.72	≤ 8 dBm	Pass
12	2467	2.66	≤ 8 dBm	Pass
13	2472	-8.60	≤ 8 dBm	Pass

Figure Channel 01:



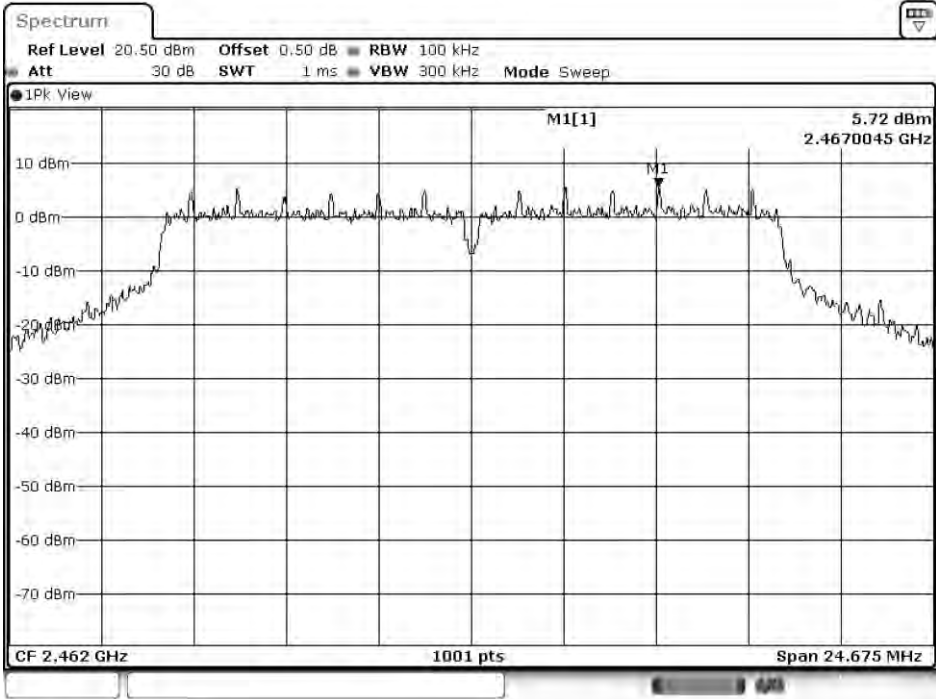
Date: 23.MAR.2018 17:08:19

Figure Channel 06:



Date: 5.MAR.2018 13:27:50

Figure Channel 11:



Date: 23.MAR.2018 17:11:16

Figure Channel 12:

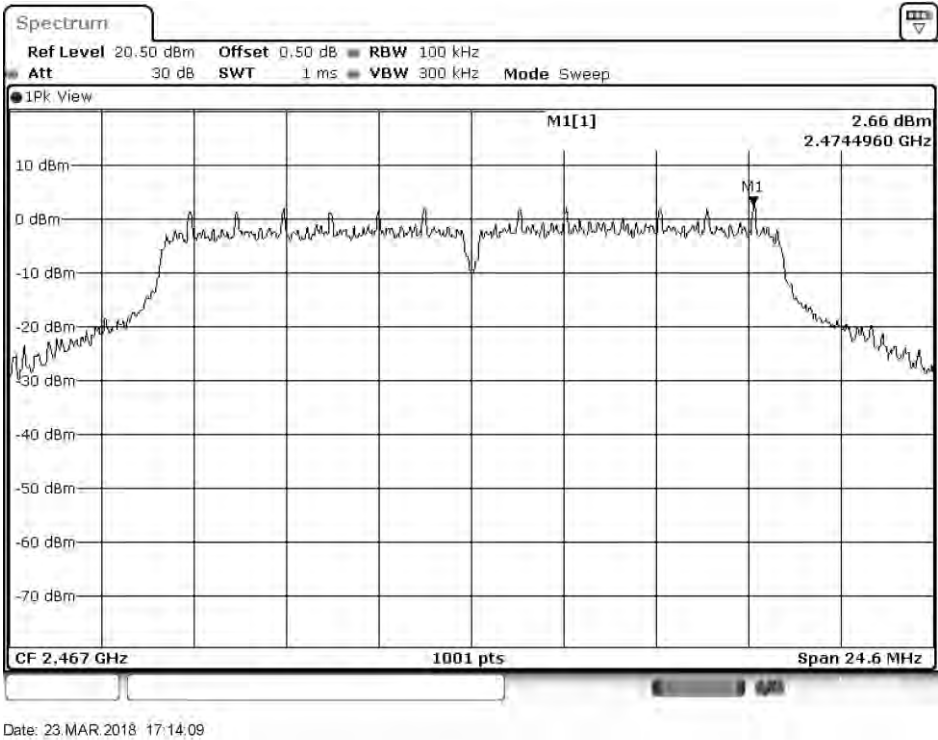
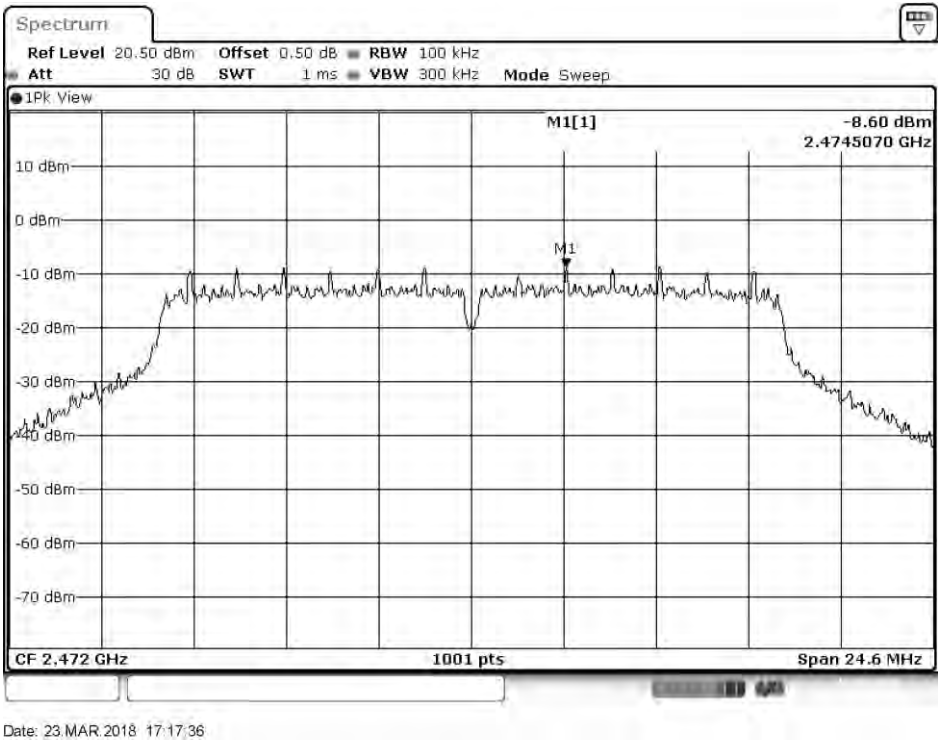


Figure Channel 13:



待測物名稱：Intel® Wireless-AC 9560

待測物型號：9560D2WL

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：107年03月23日

測試項目：功率密度

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

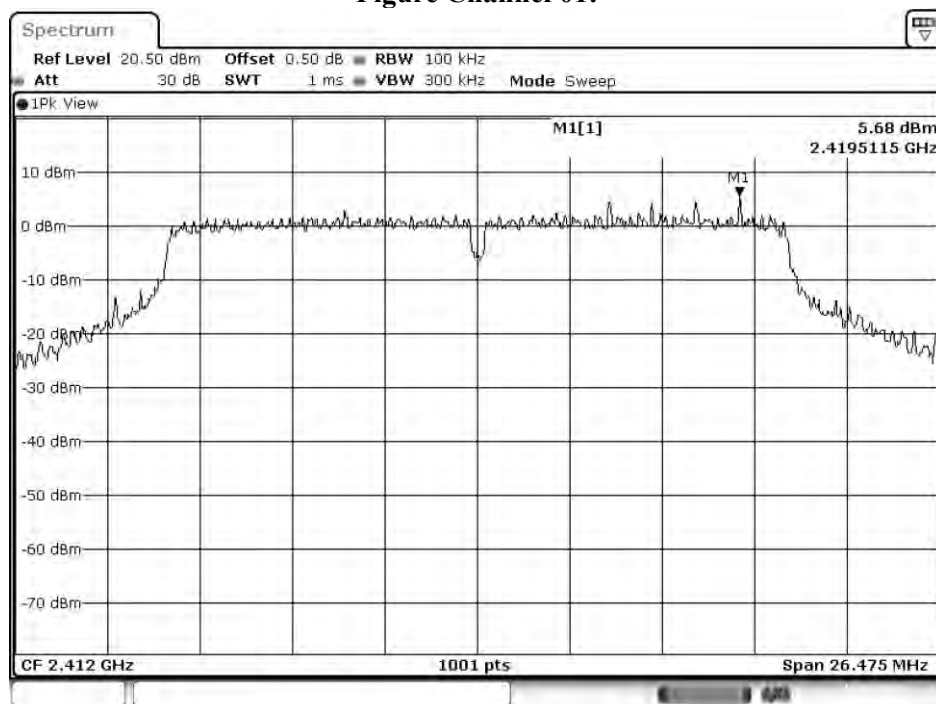
測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

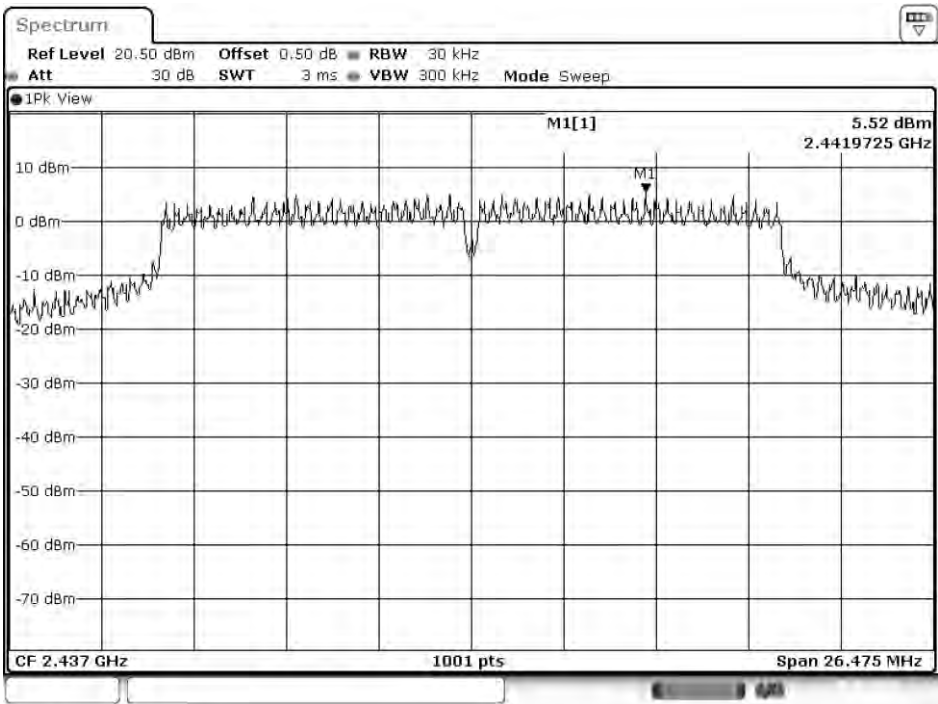
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2412	5.68	≤ 8 dBm	Pass
06	2437	5.52	≤ 8 dBm	Pass
11	2462	3.37	≤ 8 dBm	Pass
12	2467	2.50	≤ 8 dBm	Pass
13	2472	-9.75	≤ 8 dBm	Pass

Figure Channel 01:



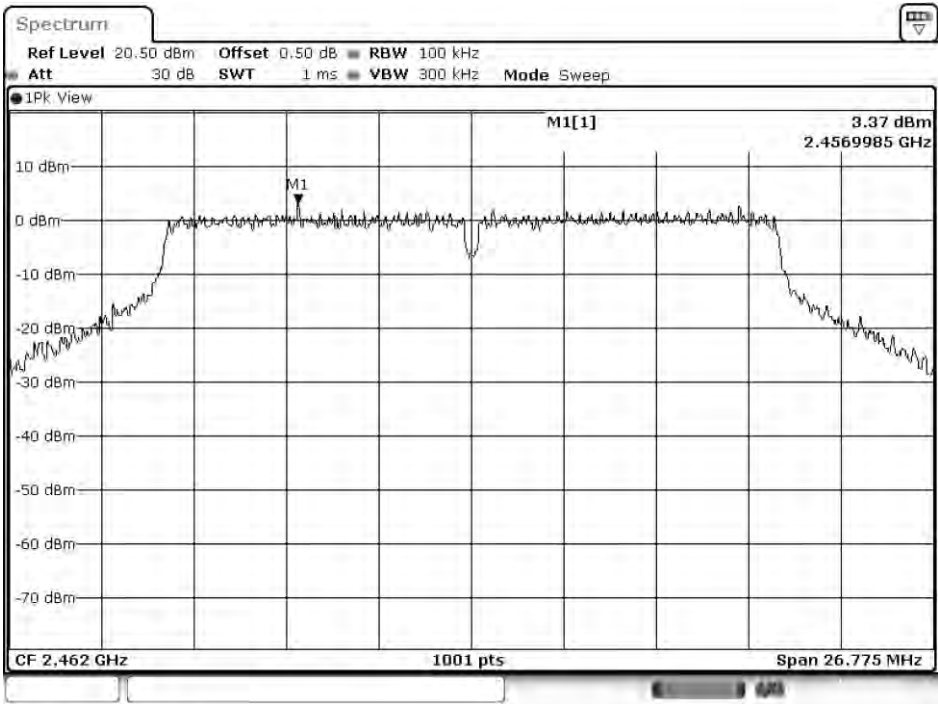
Date: 23.MAR.2018 17:20:43

Figure Channel 06:



Date: 5.MAR.2018 13:39:42

Figure Channel 11:



Date: 23.MAR.2018 17:23:37

Figure Channel 12:

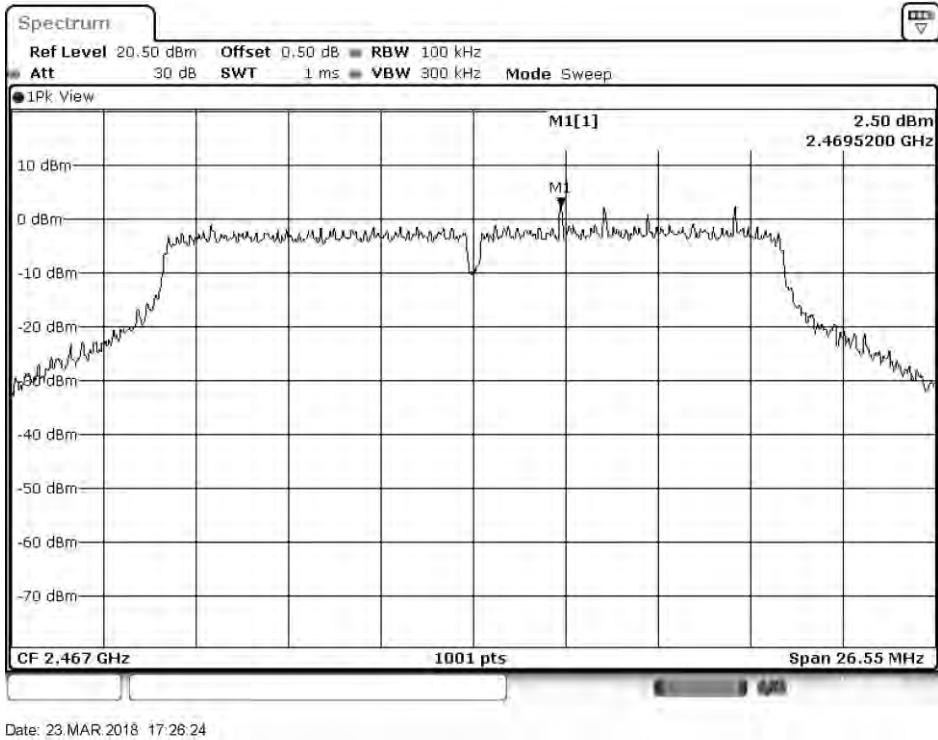
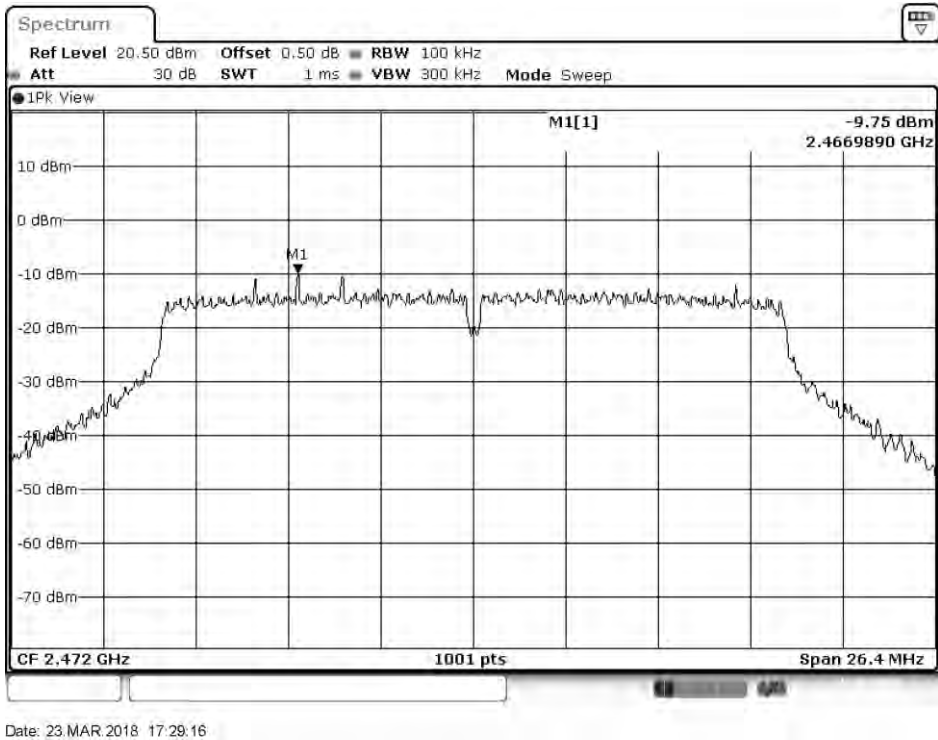


Figure Channel 13:



待測物名稱：Intel® Wireless-AC 9560

待測物型號：9560D2WL

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：107年03月23日

測試項目：功率密度

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

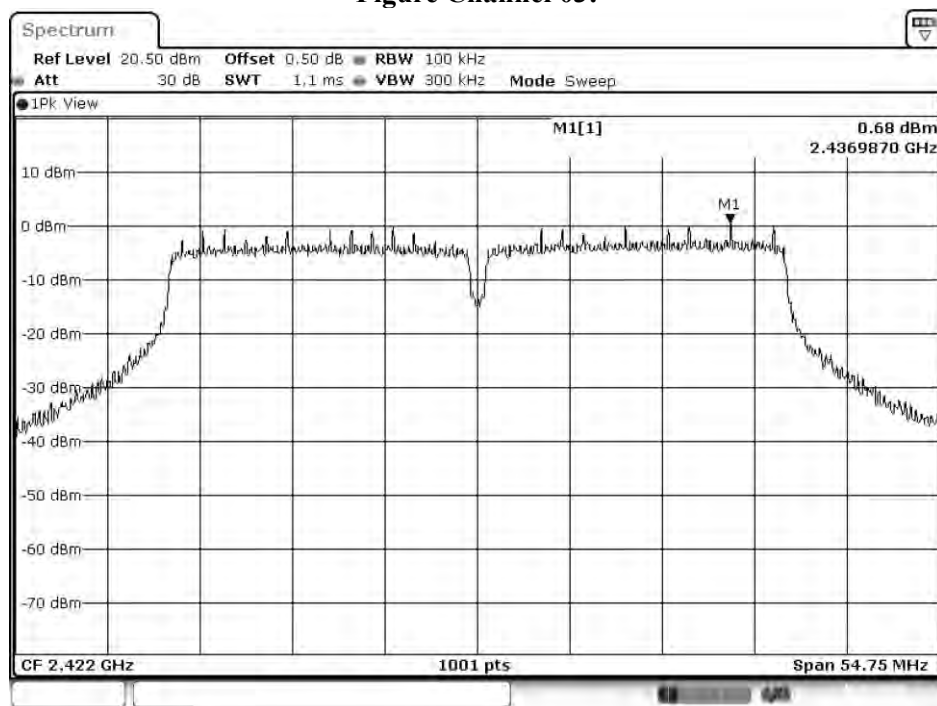
測試距離：Conducted

環境溫度：20 °C

環境濕度：50 %

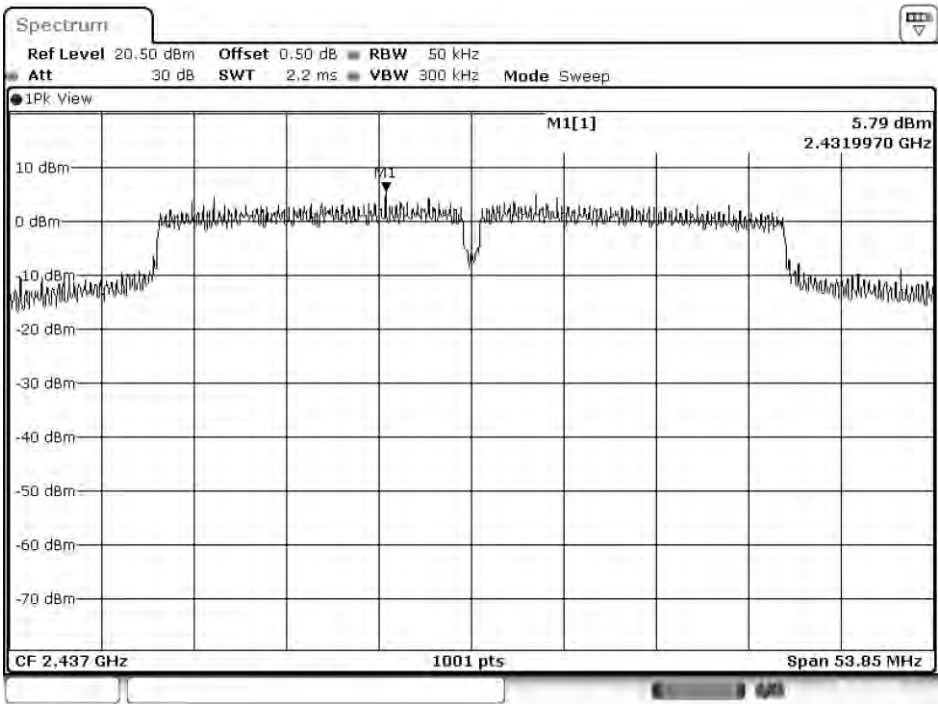
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
03	2422	0.68	$\leq 8\text{dBm}$	Pass
06	2437	5.79	$\leq 8\text{dBm}$	Pass
09	2452	-0.32	$\leq 8\text{dBm}$	Pass
10	2457	-2.19	$\leq 8\text{dBm}$	Pass
11	2462	-10.92	$\leq 8\text{dBm}$	Pass

Figure Channel 03:



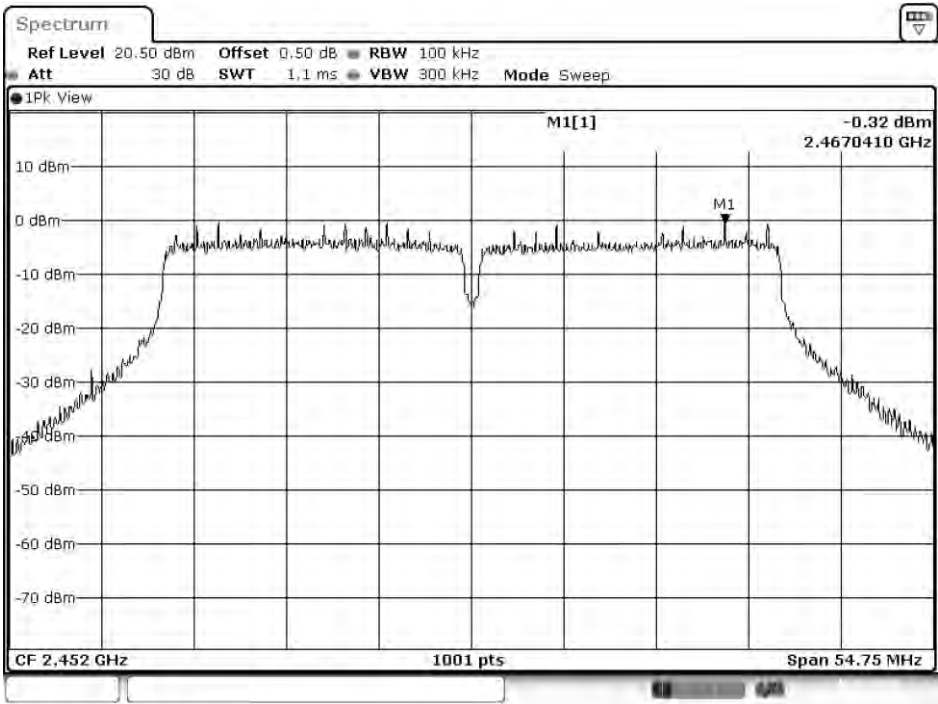
Date: 23.MAR.2018 17:32:16

Figure Channel 06:



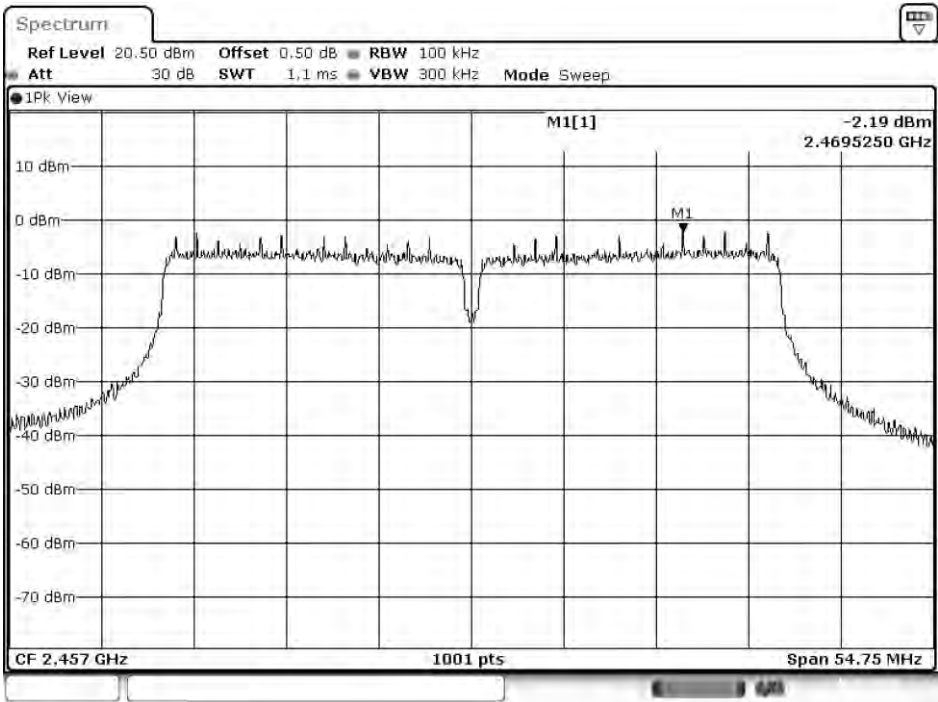
Date: 5.MAR.2018 13:50:01

Figure Channel 09:



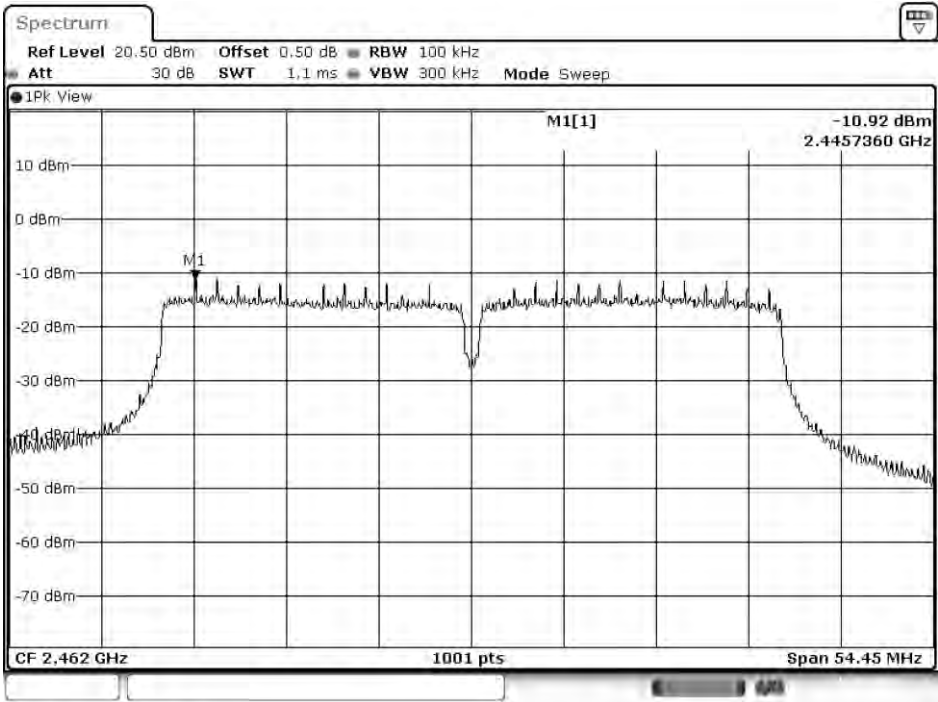
Date: 23.MAR.2018 17:35:03

Figure Channel 10:



Date: 23 MAR 2018 17:38:01

Figure Channel 11:



Date: 23 MAR 2018 17:40:43

待測物名稱：Intel® Wireless-AC 9560

待測物型號：9560D2WL

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：107 年 03 月 14 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	1.13	3.01	4.14	≤ 8dBm	Pass
		B	0.82	3.01	3.83	≤ 8dBm	Pass
06	2437.000	A	-2.42	3.01	0.59	≤ 8dBm	Pass
		B	-3.24	3.01	-0.23	≤ 8dBm	Pass
11	2462.000	A	3.39	3.01	6.40	≤ 8dBm	Pass
		B	2.93	3.01	5.94	≤ 8dBm	Pass
12	2467.00	A	-1.11	3.01	1.90	≤ 8dBm	Pass
		B	-1.45	3.01	1.56	≤ 8dBm	Pass
13	2472.00	A	-9.35	3.01	-6.34	≤ 8dBm	Pass
		B	-10.21	3.01	-7.20	≤ 8dBm	Pass

Note:

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

Figure Channel 1: (Chain A)

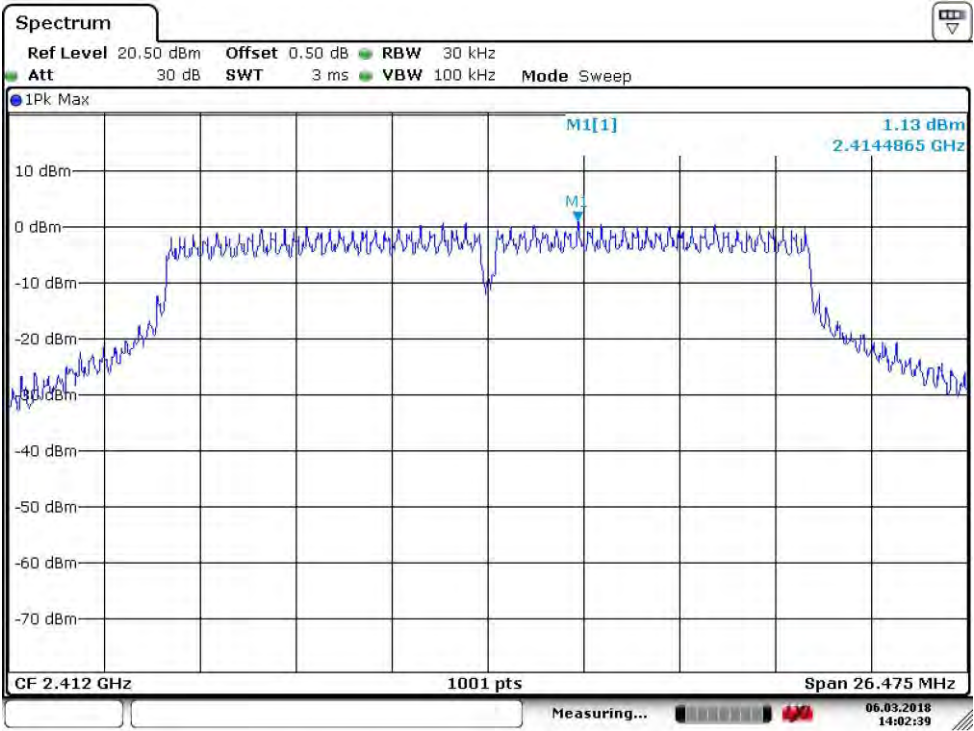


Figure Channel 6: (Chain A)

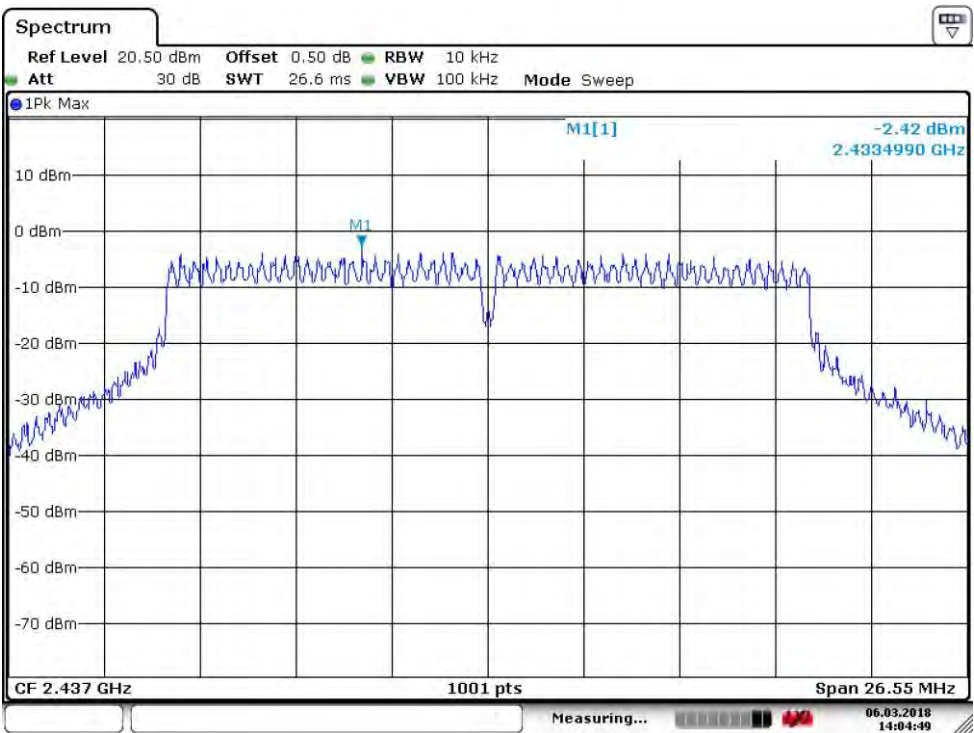


Figure Channel 11: (Chain A)

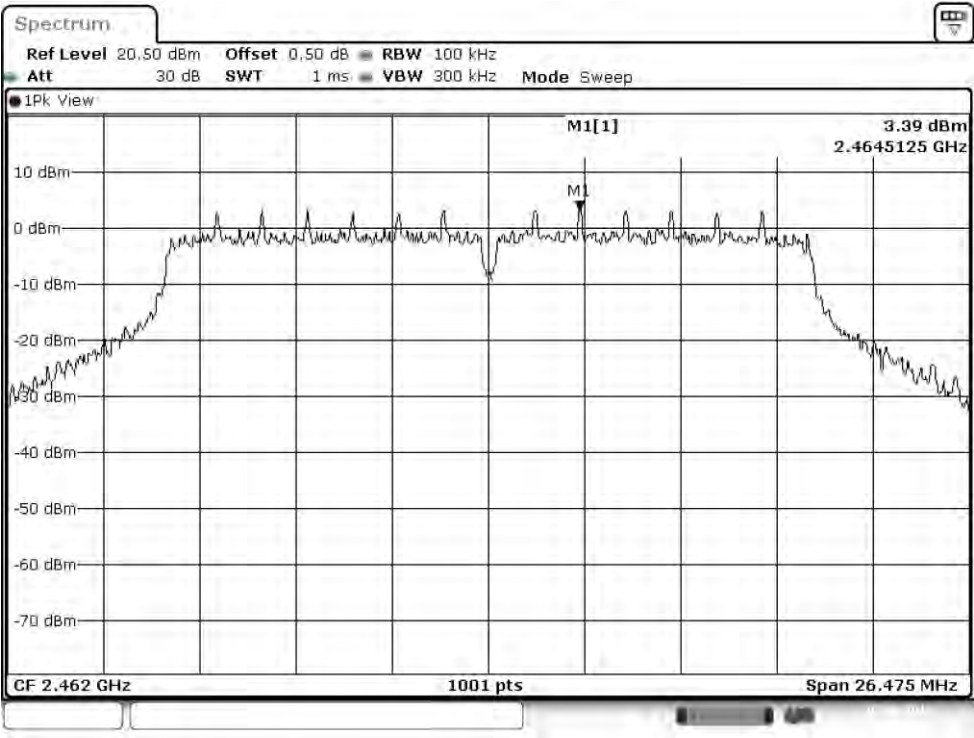
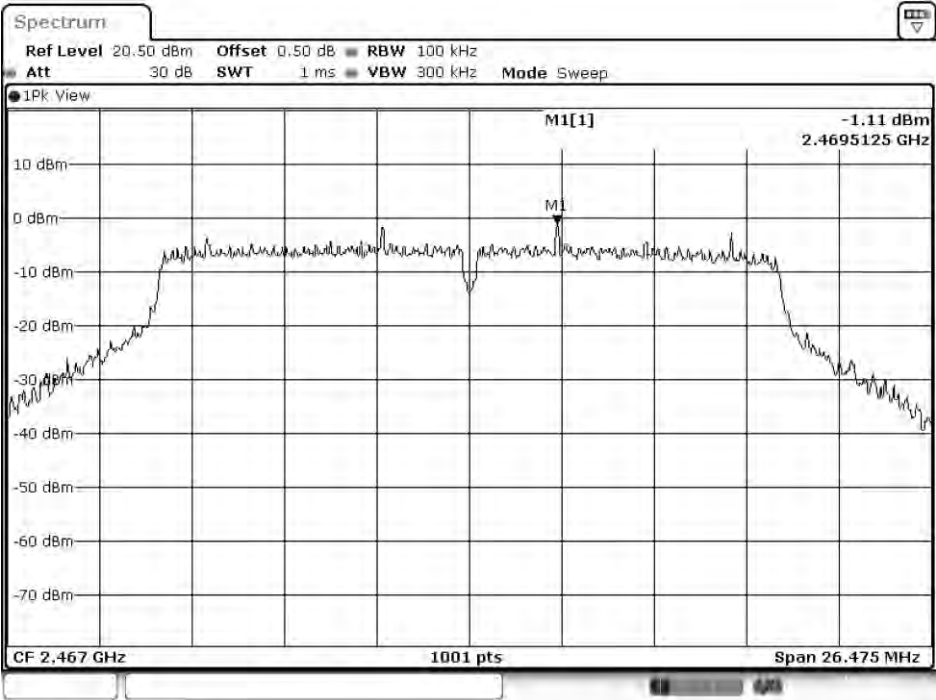
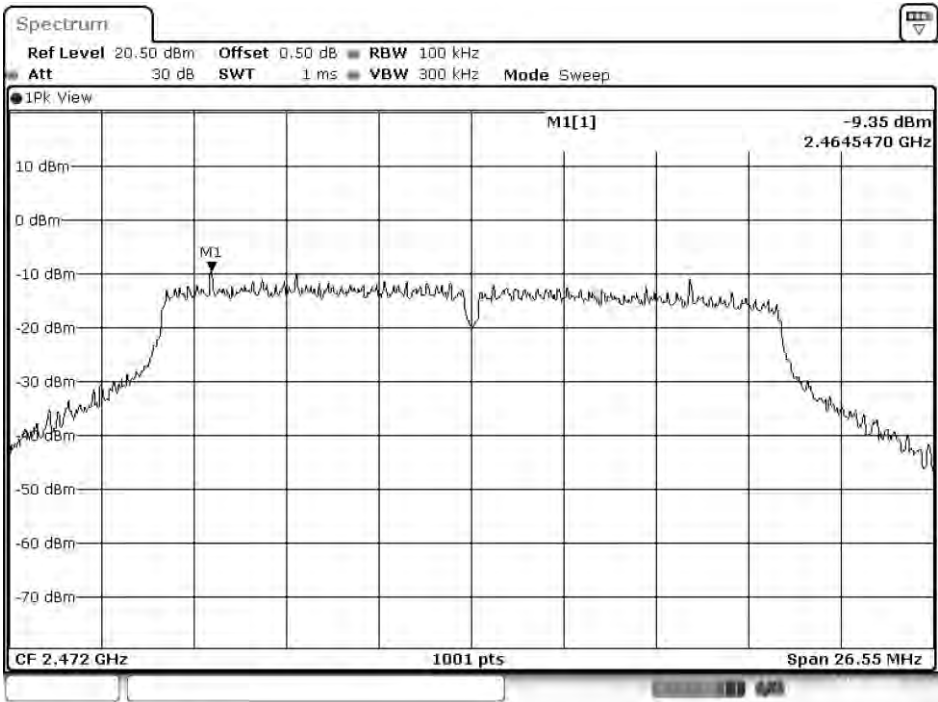


Figure Channel 12: (Chain A)



Date: 14.MAR.2018 14:48:43

Figure Channel 13: (Chain A)



Date: 14.MAR.2018 14:54:24

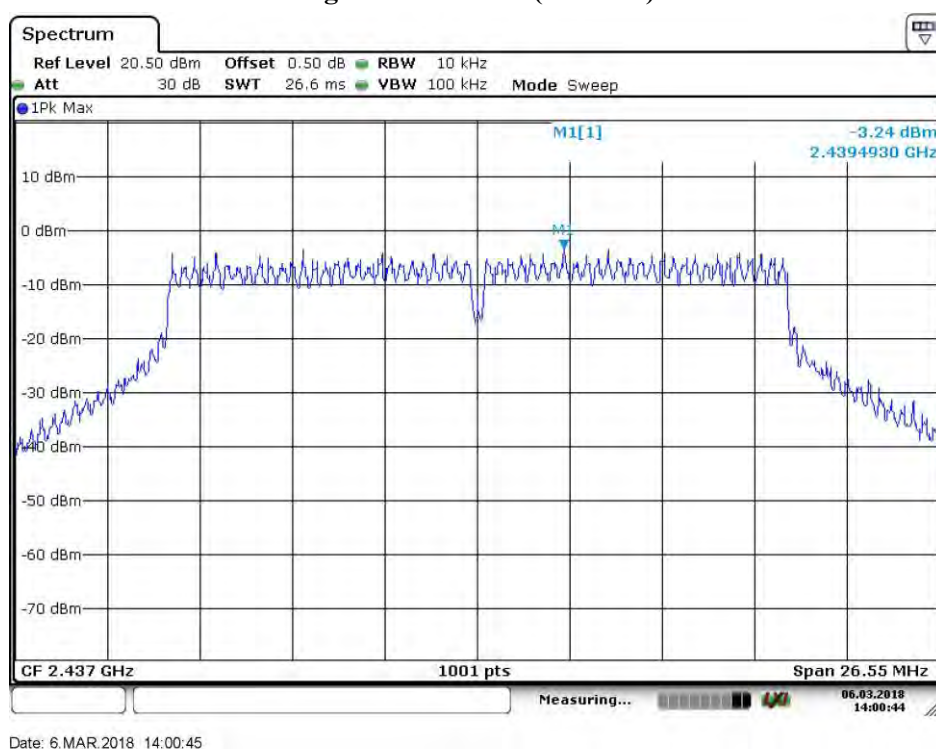
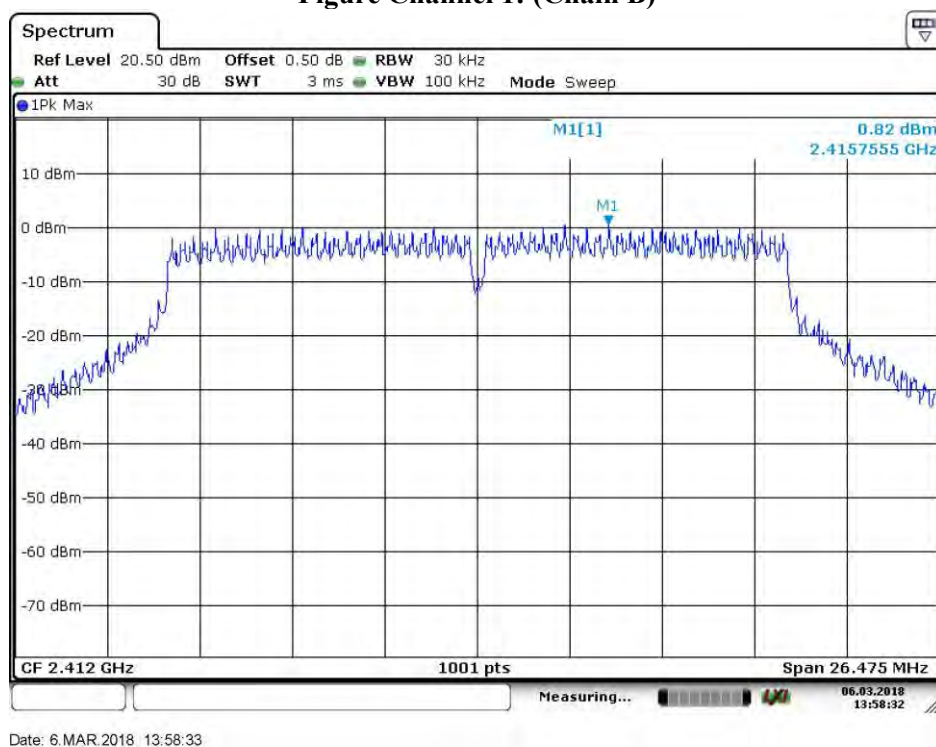
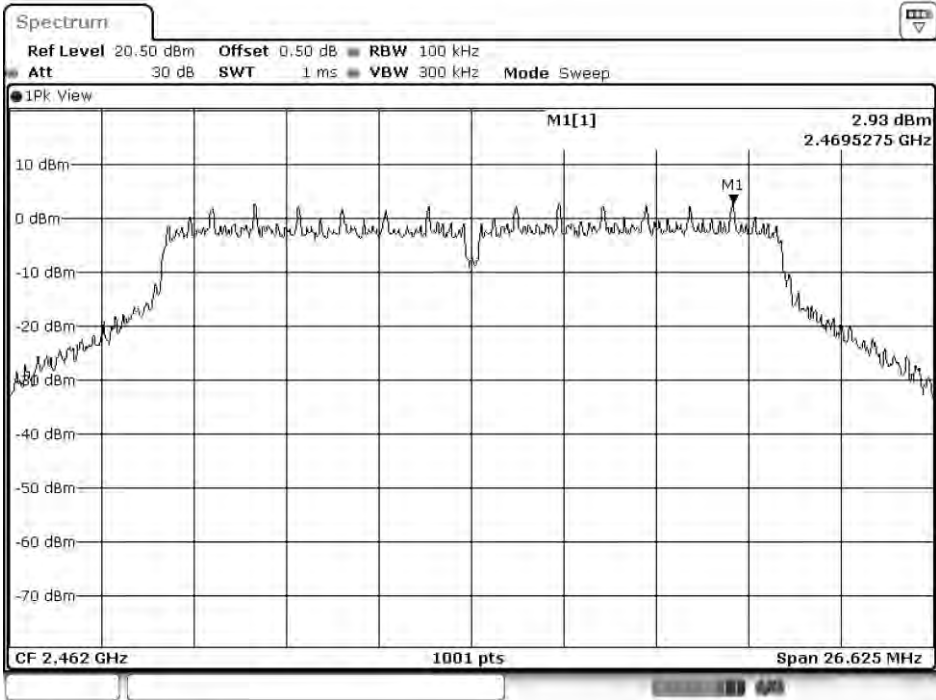


Figure Channel 11: (Chain B)



Date: 5.MAR.2018 14:23:39

Figure Channel 12: (Chain B)

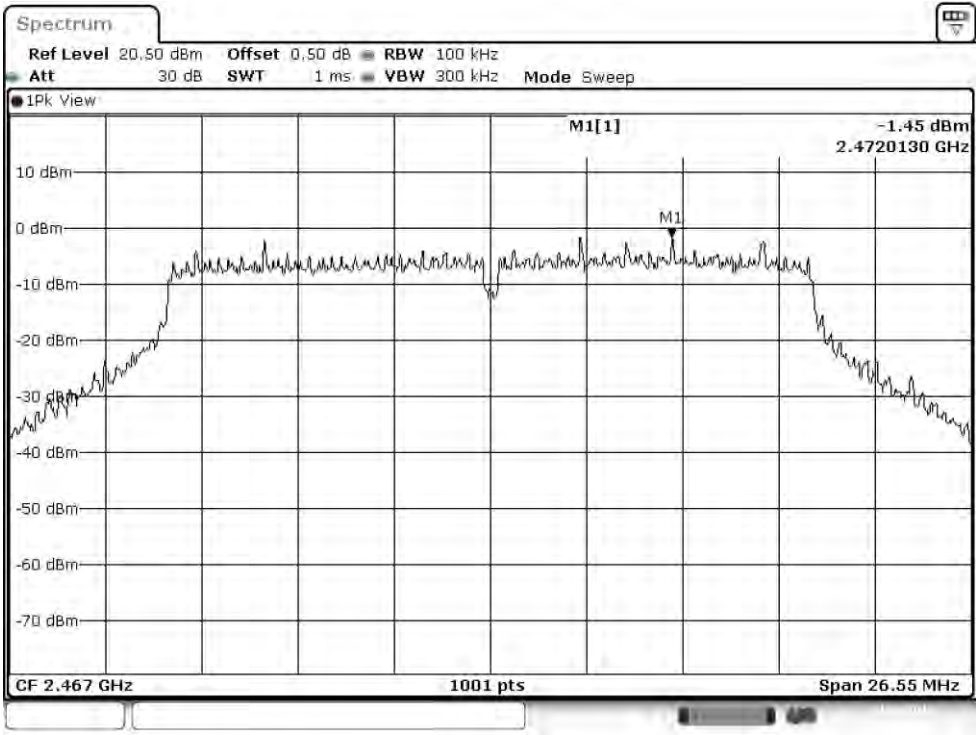
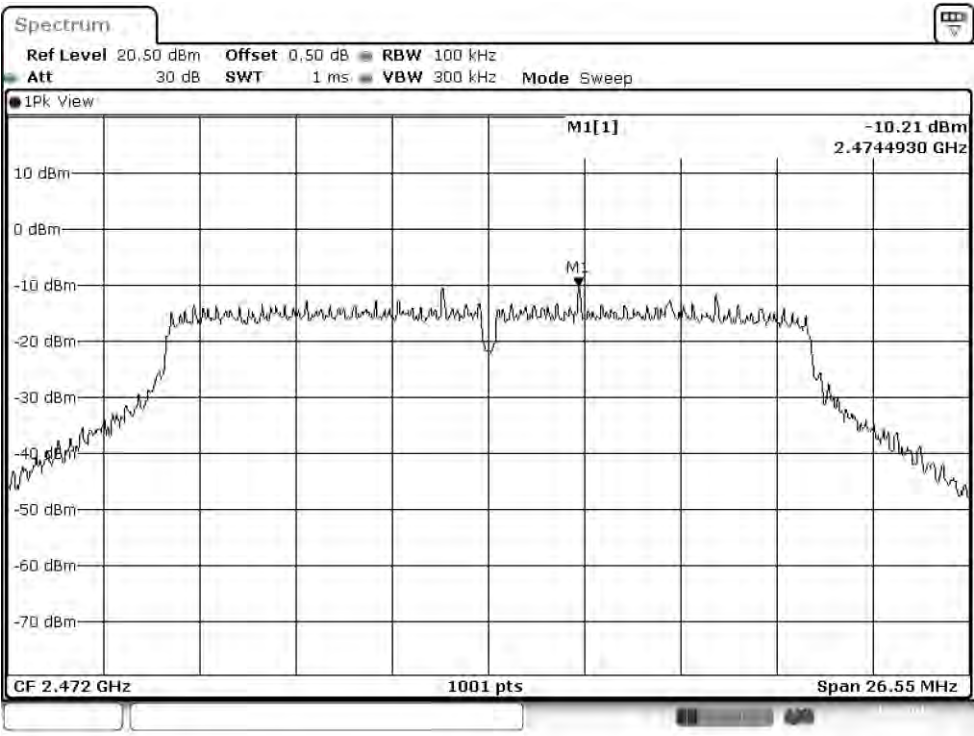


Figure Channel 13: (Chain B)



待測物名稱：Intel® Wireless-AC 9560

待測物型號：9560D2WL

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：107 年 03 月 14 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	-0.13	3.01	2.88	≤ 8dBm	Pass
		B	-0.14	3.01	2.87	≤ 8dBm	Pass
06	2437.000	A	-0.10	3.01	2.91	≤ 8dBm	Pass
		B	-0.30	3.01	2.71	≤ 8dBm	Pass
09	2452.000	A	-0.13	3.01	2.88	≤ 8dBm	Pass
		B	-0.07	3.01	2.94	≤ 8dBm	Pass
10	2457.00	A	-2.47	3.01	0.54	≤ 8dBm	Pass
		B	-2.63	3.01	0.38	≤ 8dBm	Pass
11	2462.00	A	-9.47	3.01	-6.46	≤ 8dBm	Pass
		B	-10.65	3.01	-7.64	≤ 8dBm	Pass

Note:

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

Figure Channel 3: (Chain A)

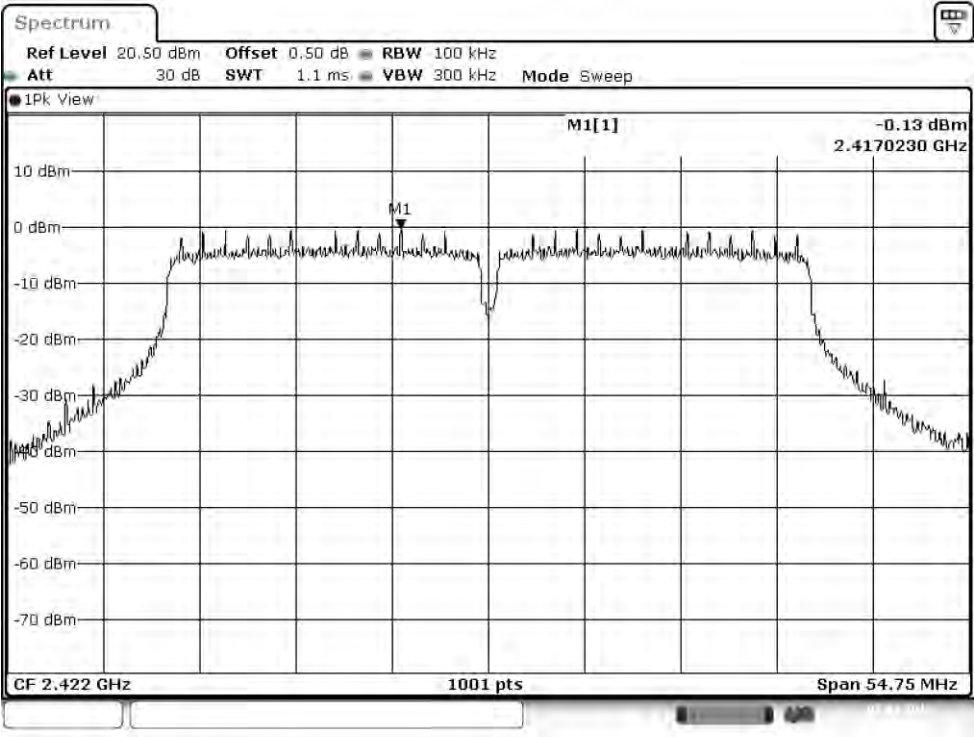


Figure Channel 6: (Chain A)

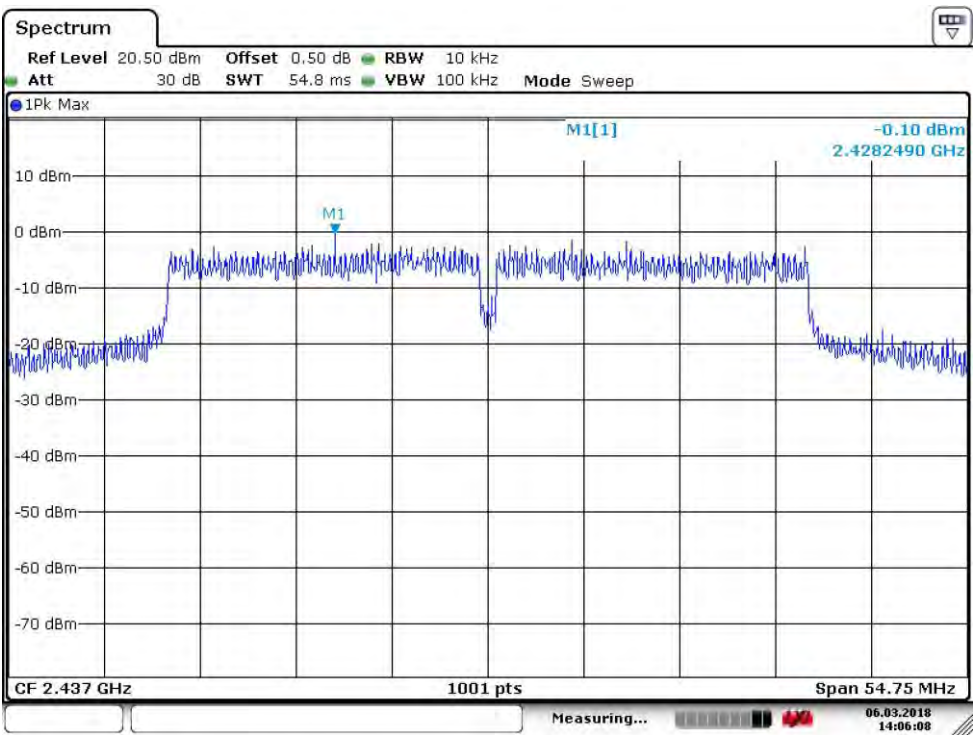


Figure Channel 9: (Chain A)

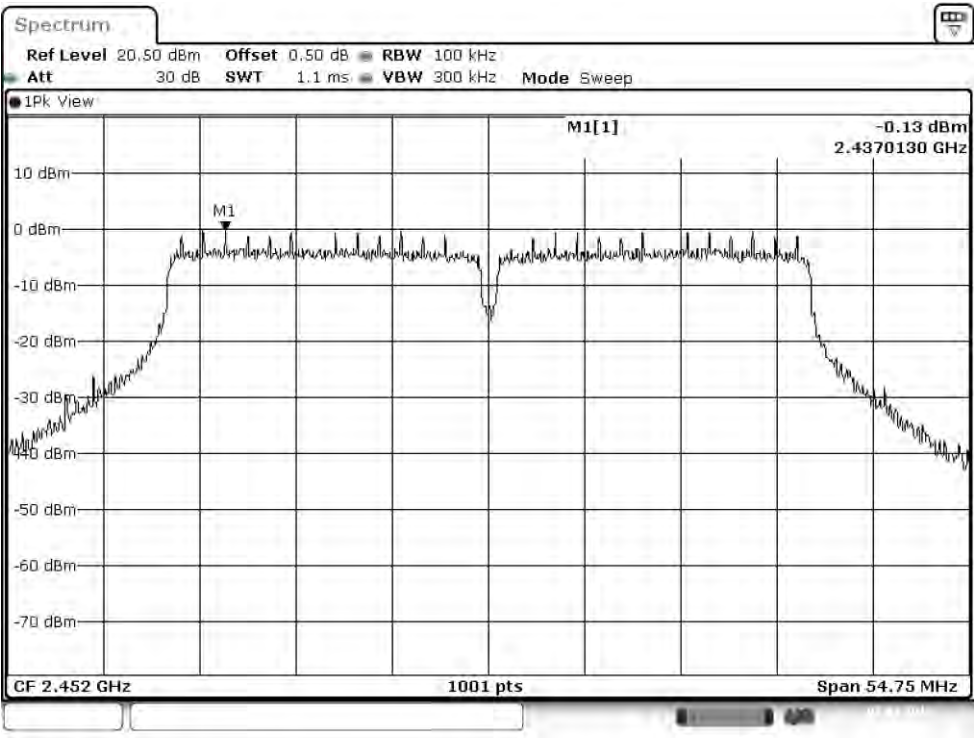
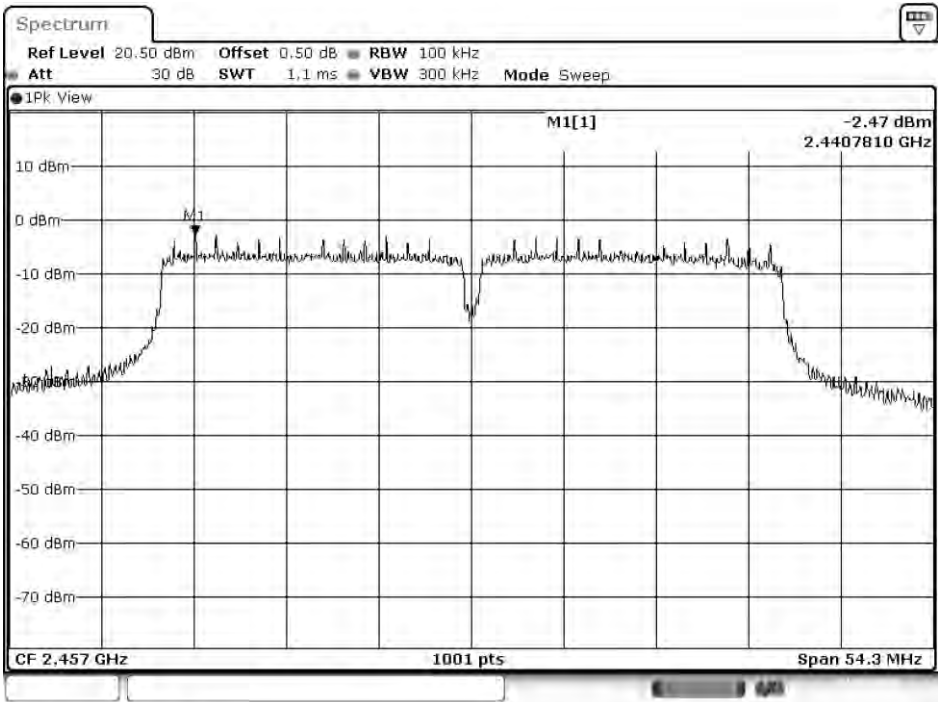
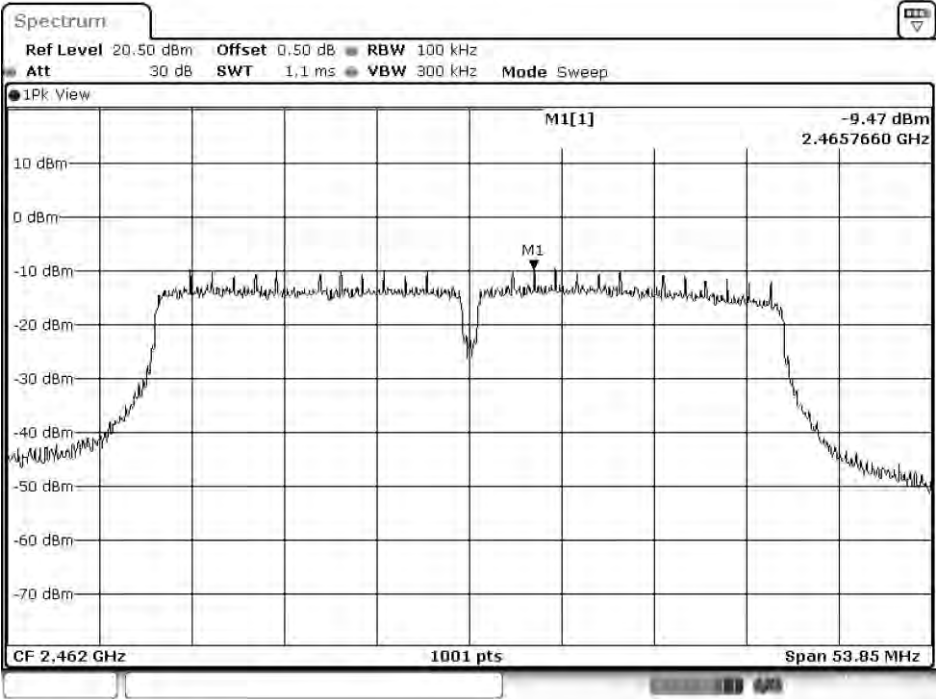


Figure Channel 10: (Chain A)



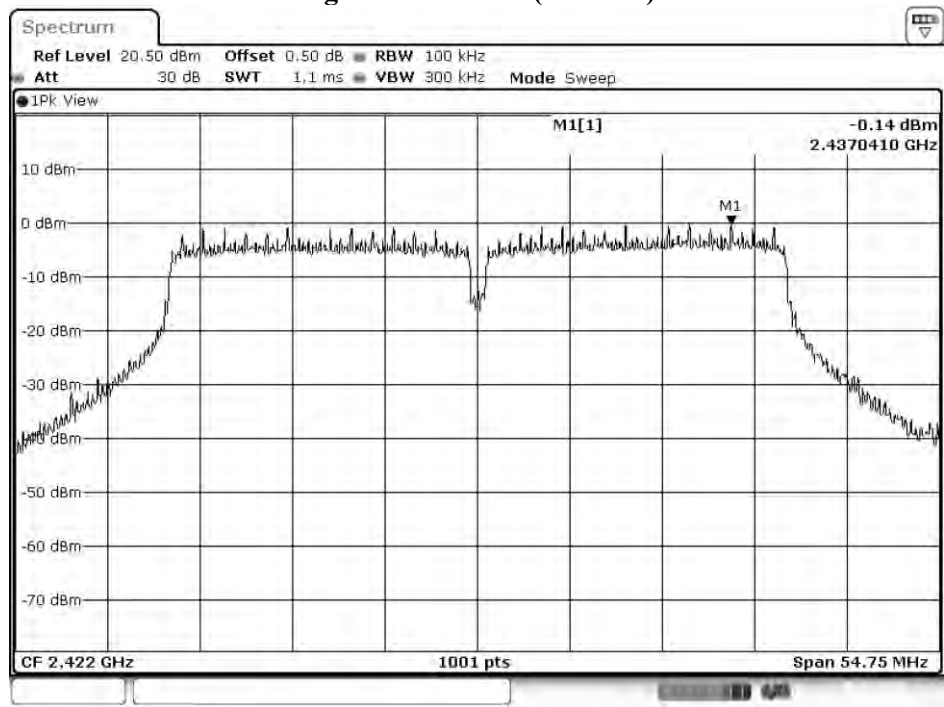
Date: 14.MAR.2018 14:59:39

Figure Channel 11: (Chain A)



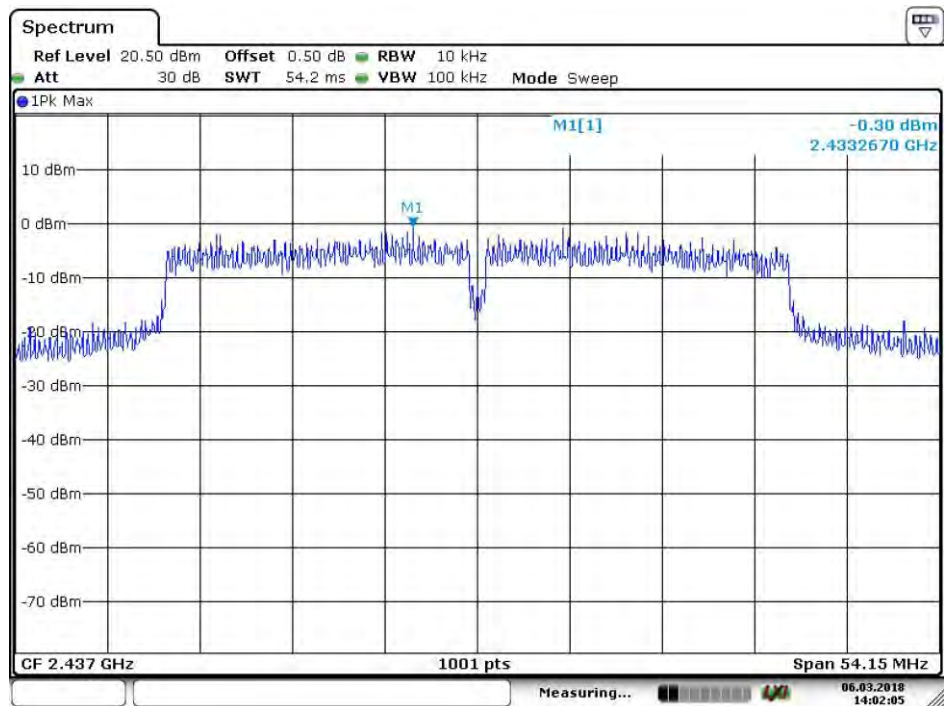
Date: 14.MAR.2018 15:04:39

Figure Channel 3: (Chain B)



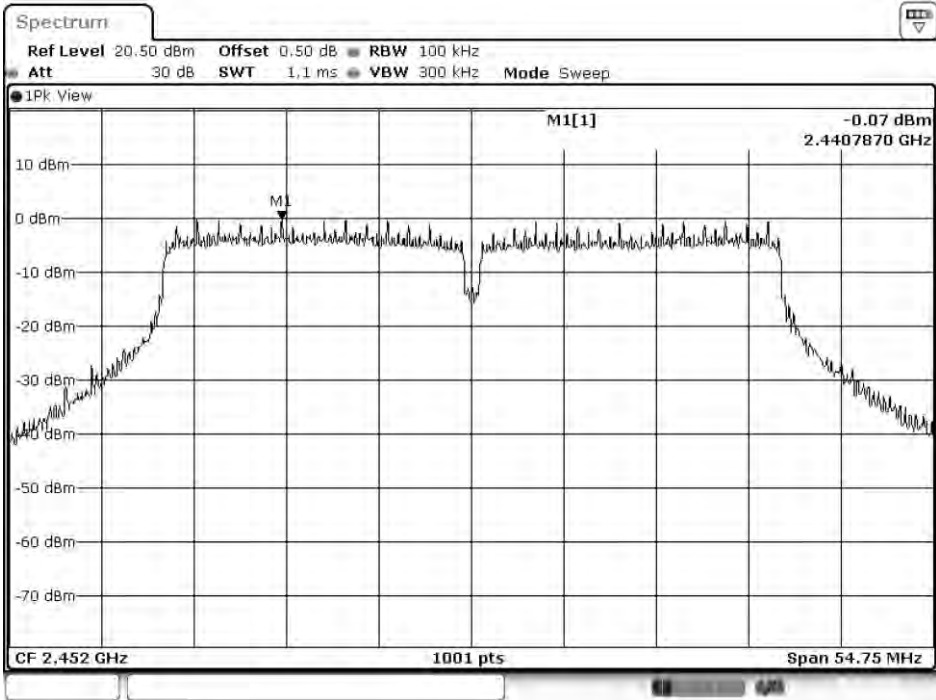
Date: 5.MAR.2018 14:28:28

Figure Channel 6: (Chain B)



Date: 6.MAR.2018 14:02:05

Figure Channel 9: (Chain B)



Date: 5.MAR.2018 14:40:15

Figure Channel 10: (Chain B)

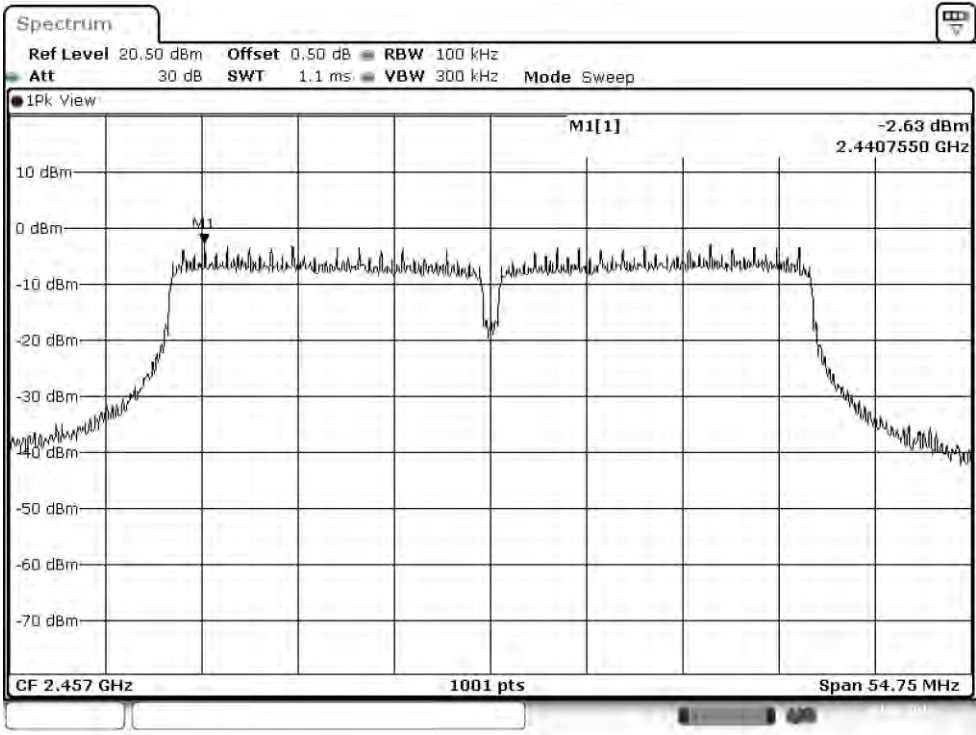
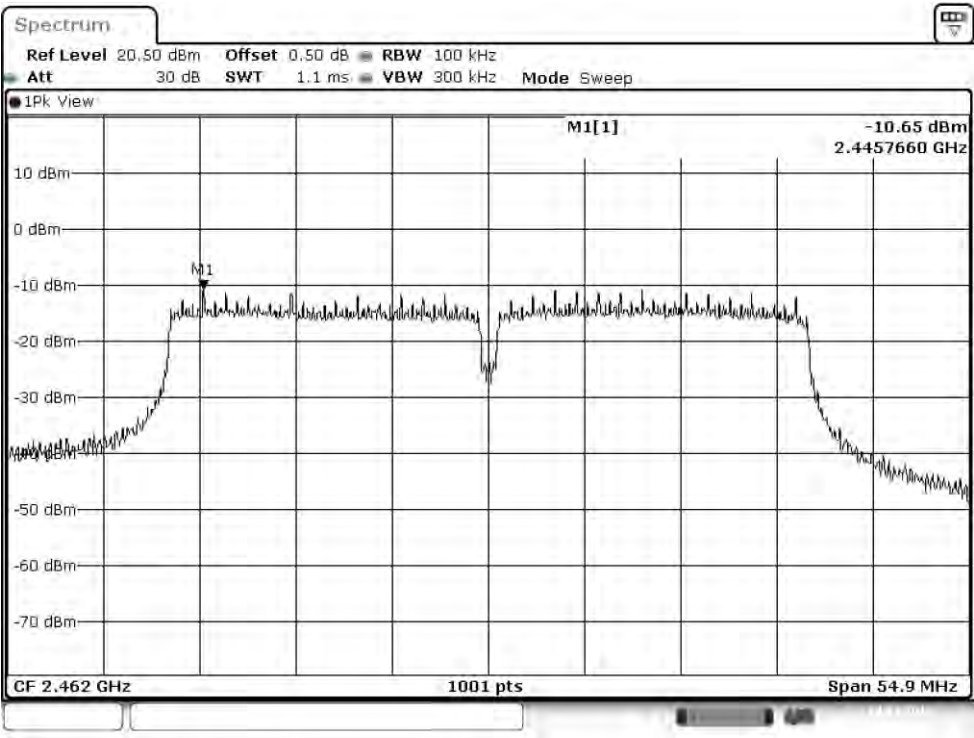


Figure Channel 11: (Chain B)



功率密度測試結果:

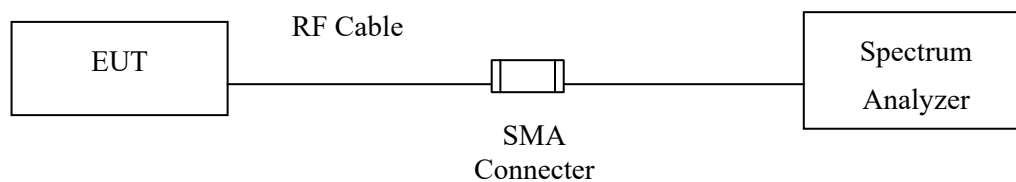
PASS

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® Wireless-AC 9560

待測物型號：9560D2WL

測試頻道：--

量測天線：--

檢測器：峰值

測試日期：107 年 02 月 26 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:

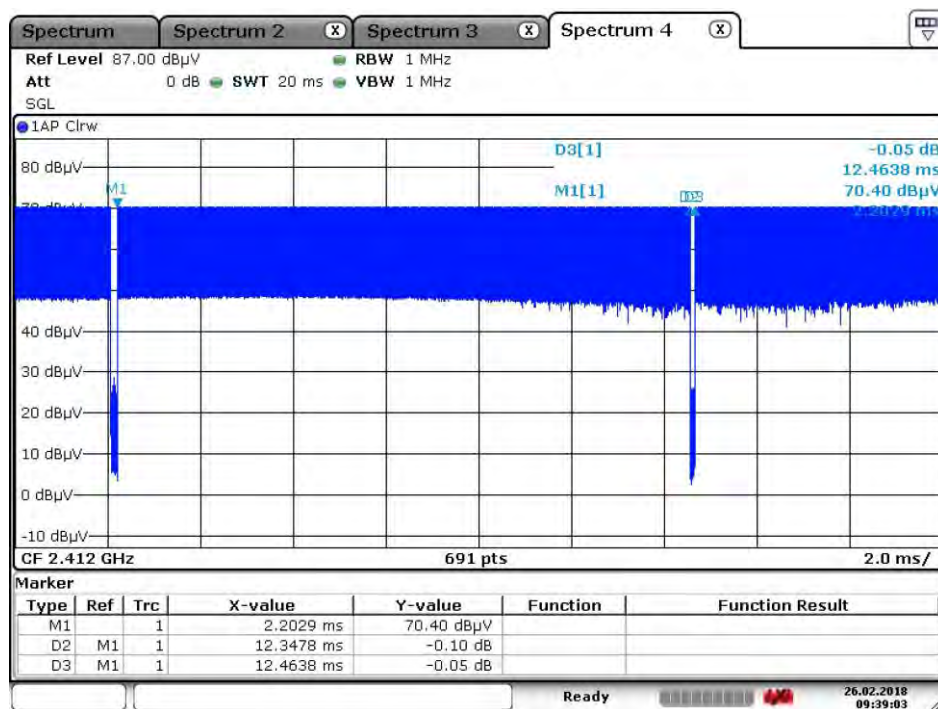
Duty Cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

Results:

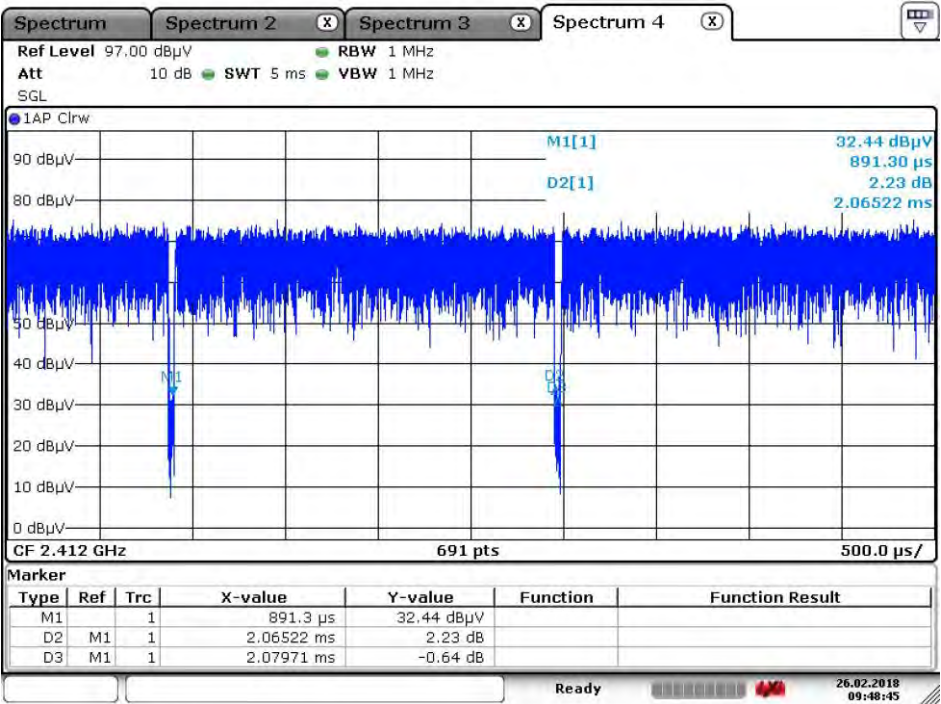
2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11b	12.3478	12.4638	99.07	0.04
802.11g	2.0652	2.0797	99.30	0.03
802.11n20	1.9275	1.9420	99.25	0.03
802.11n40	0.9565	0.9710	98.51	0.07

802.11b



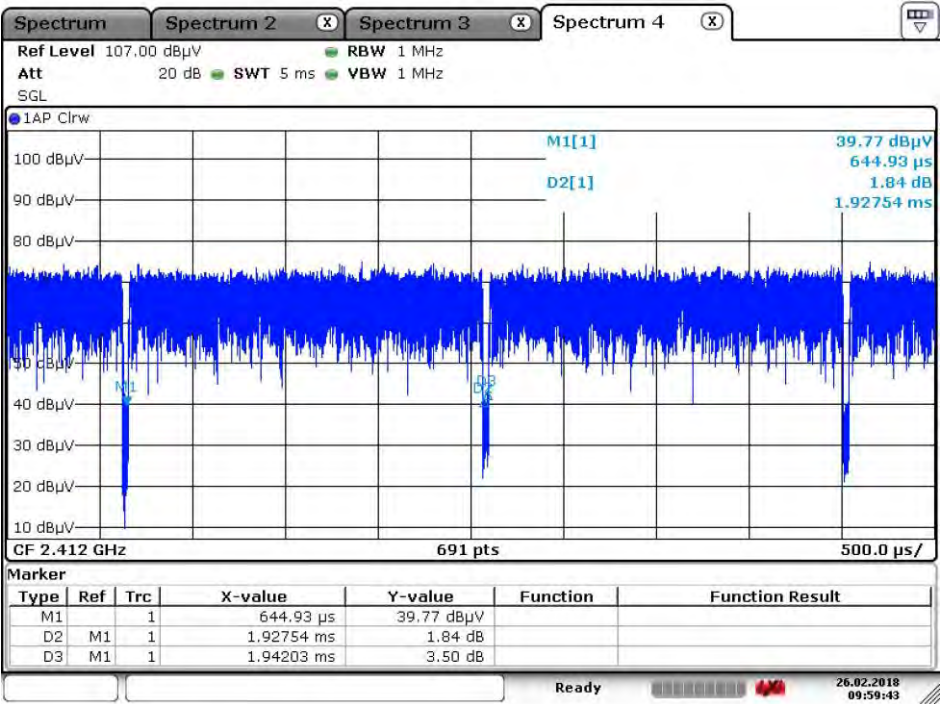
Date: 26.FEB.2018 09:39:03

802.11g

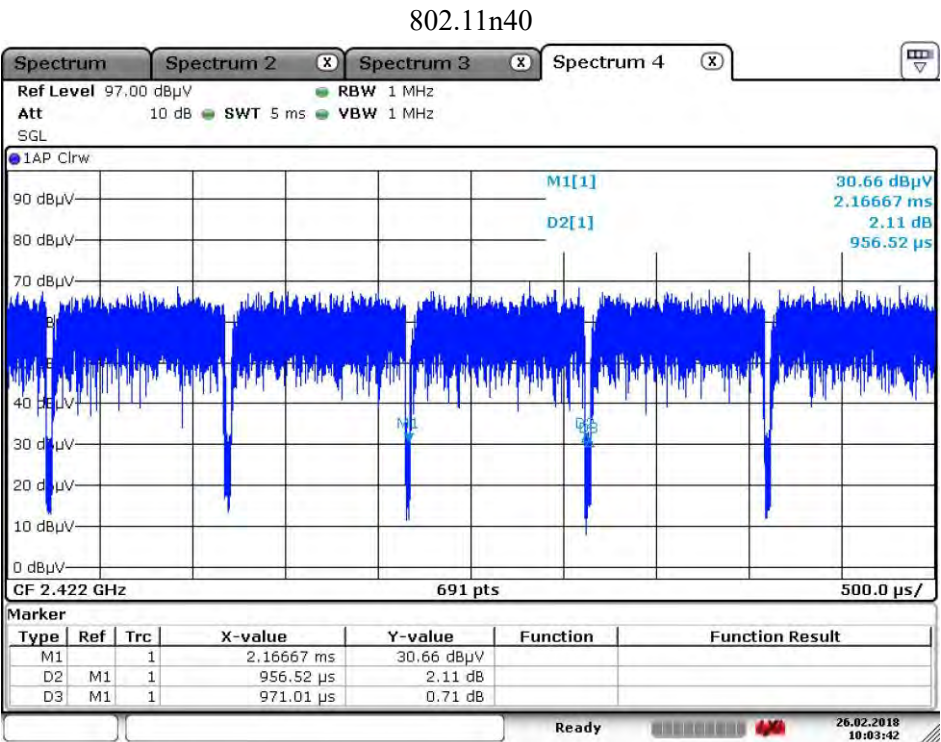


Date: 26.FEB.2018 09:48:44

802.11n20



Date: 26.FEB.2018 09:59:43



Date: 26.FEB.2018 10:03:43