

待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試頻道：CH 11 (2462MHz)

6 dB 頻寬：3kHz

量測天線：--

檢測器：峰值

測試日期：105 年 05 月 04 日

測試項目：功率密度

測試模式：Mode 2: 發射器 802.11g

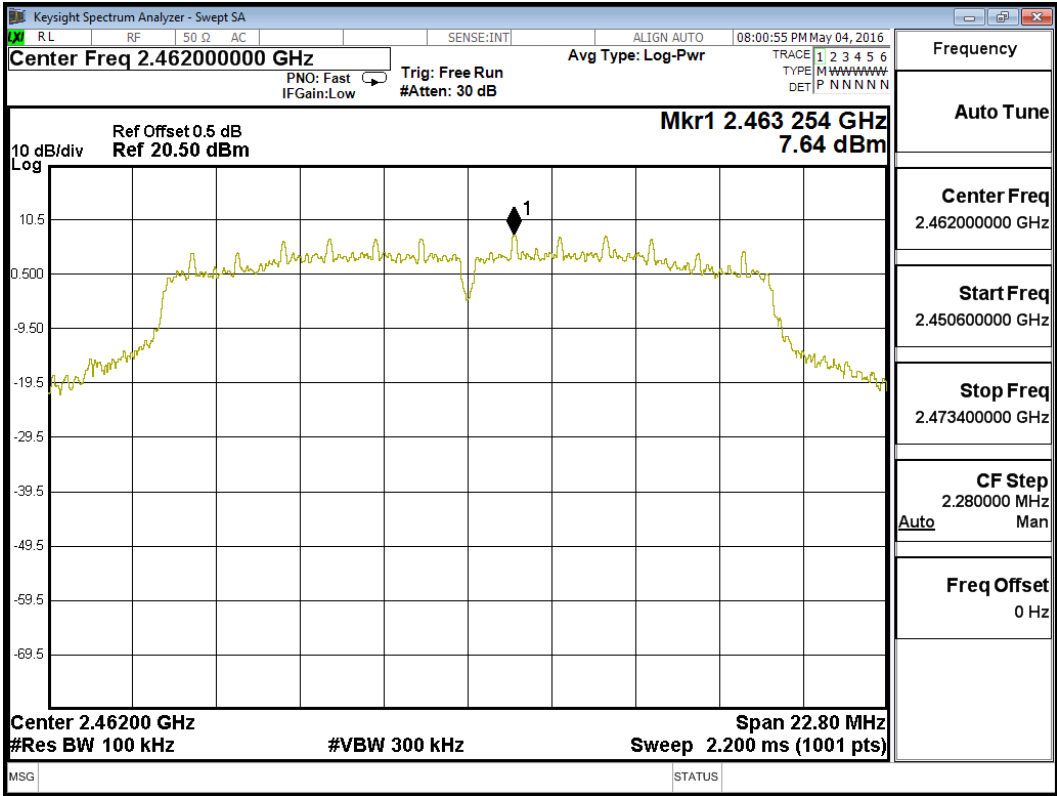
視頻頻寬：10kHz

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
11	2462.000	7.64	≤8dBm	Pass



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試頻道：CH 12 (2467MHz)

6 dB 頻寬：3kHz

量測天線：--

檢測器：峰值

測試日期：105 年 05 月 10 日

測試項目：功率密度

測試模式：Mode 2: 發射器 802.11g

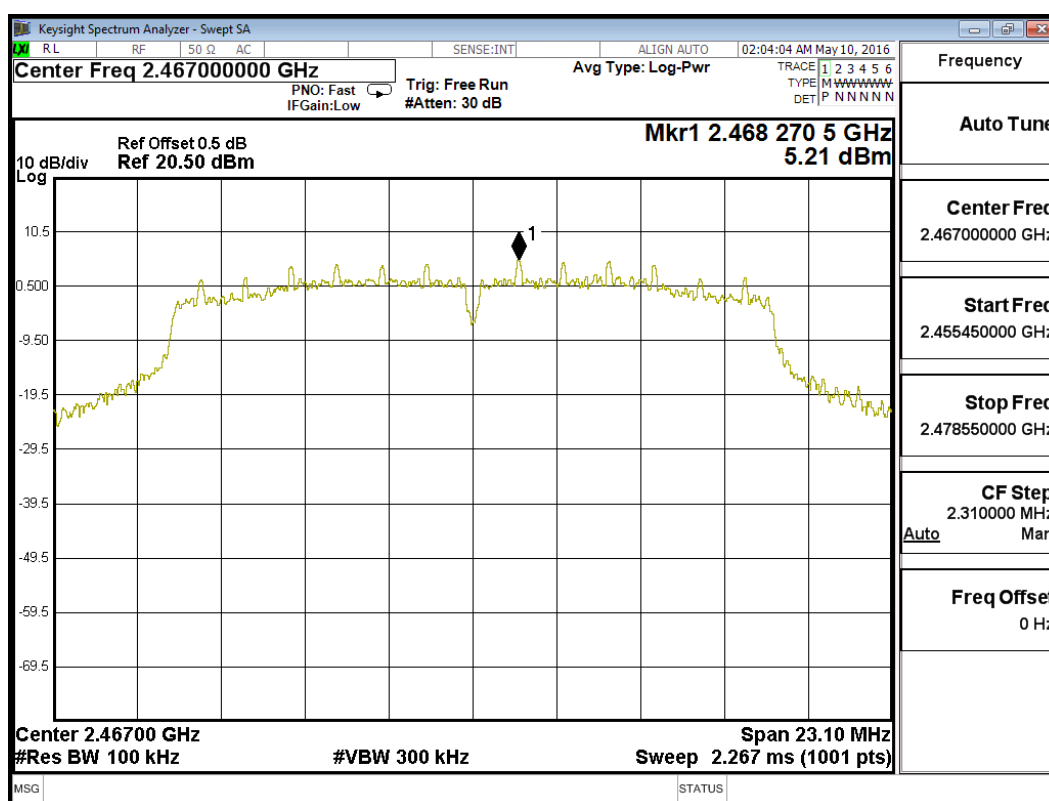
視頻頻寬：10kHz

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
12	2467.000	5.21	≤8dBm	Pass



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試頻道：CH 13 (2472MHz)

6 dB 頻寬：3kHz

量測天線：--

檢測器：峰值

測試日期：105 年 05 月 10 日

測試項目：功率密度

測試模式：Mode 2: 發射器 802.11g

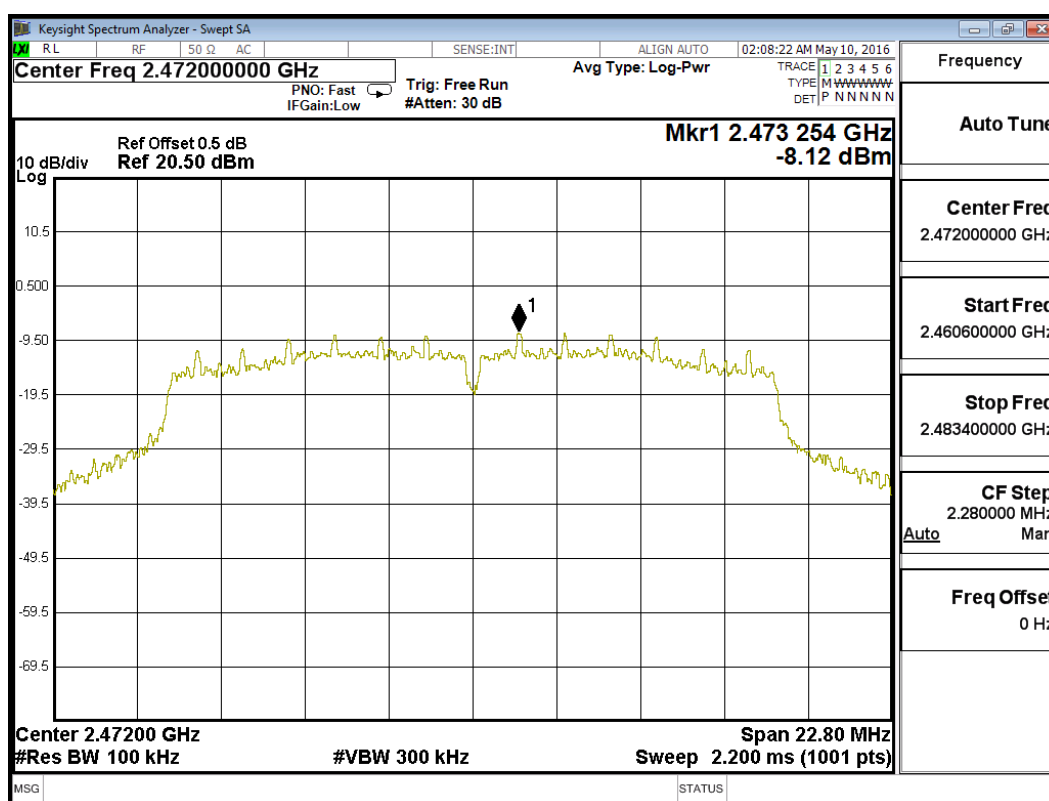
視頻頻寬：10kHz

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
13	2472.000	-8.12	≤8dBm	Pass



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 01 (2412MHz)

測試模式：Mode 3: 發射器 802.11n-20MHz

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 04 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSP/MHz (dBm)	Limit (dBm)	Result
01	2412.00	A	3.540	6.550	≤8dBm	Pass
		B	3.200	6.210	≤8dBm	Pass

Note :

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

Figure Channel 01: (Chain A)

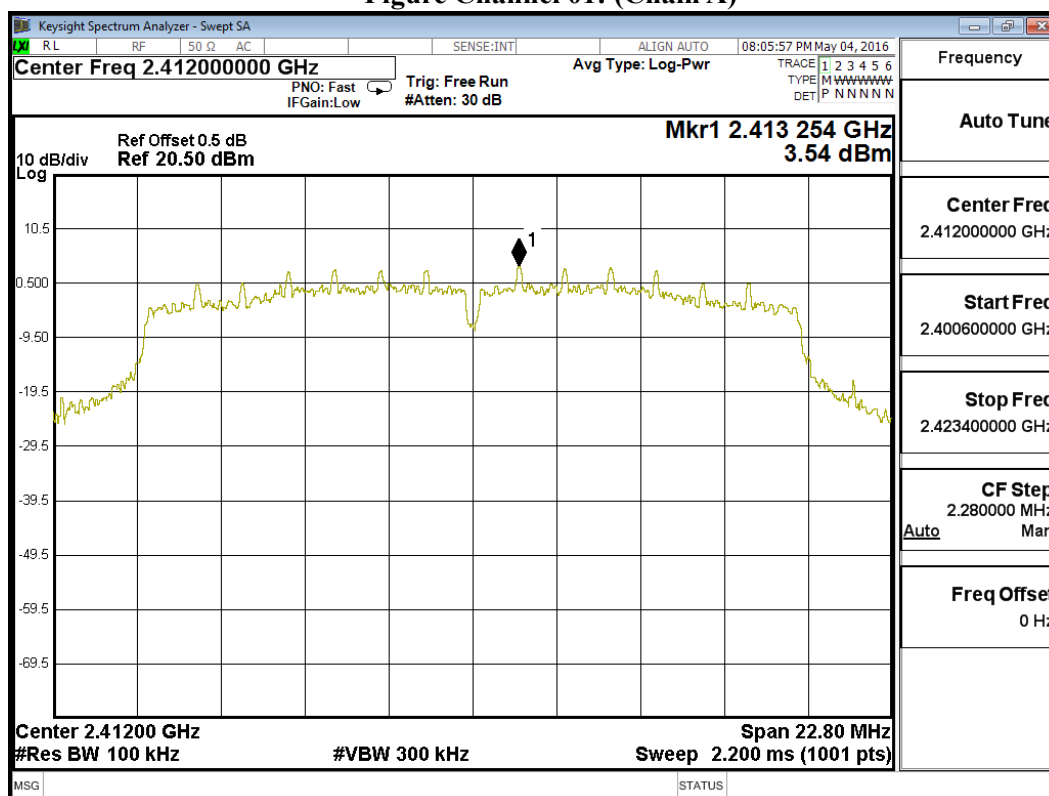
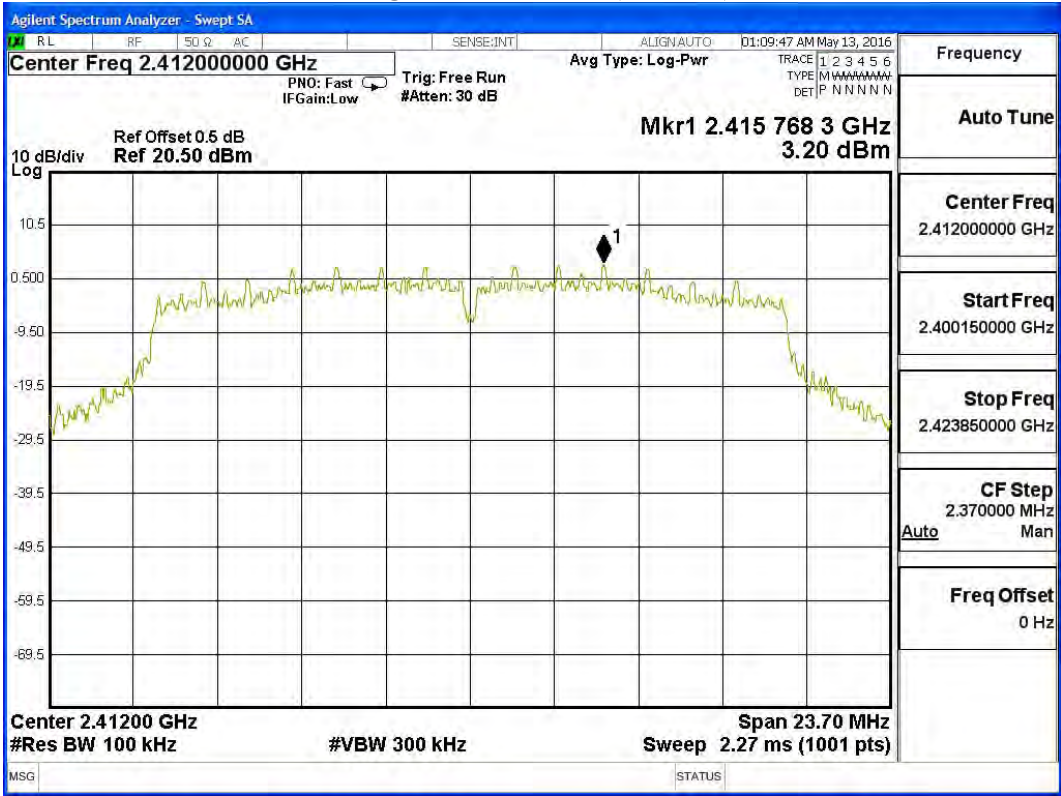


Figure Channel 01: (Chain B)



測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 06 (2437MHz)

測試模式：Mode 3: 發射器 802.11n-20MHz

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 09 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSP/MHz (dBm)	Limit (dBm)	Result
06	2437.000	A	4.229	7.239	≤8dBm	Pass
		B	4.814	7.824	≤8dBm	Pass

Note :

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

Figure Channel 06: (Chain A)

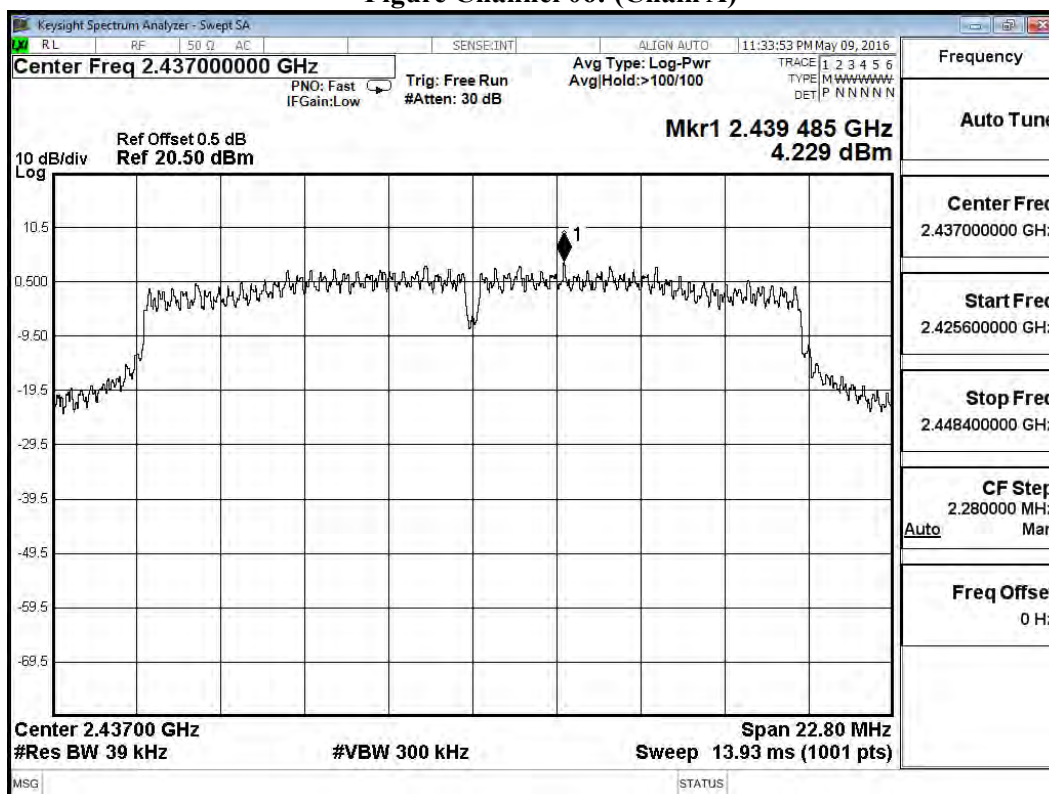
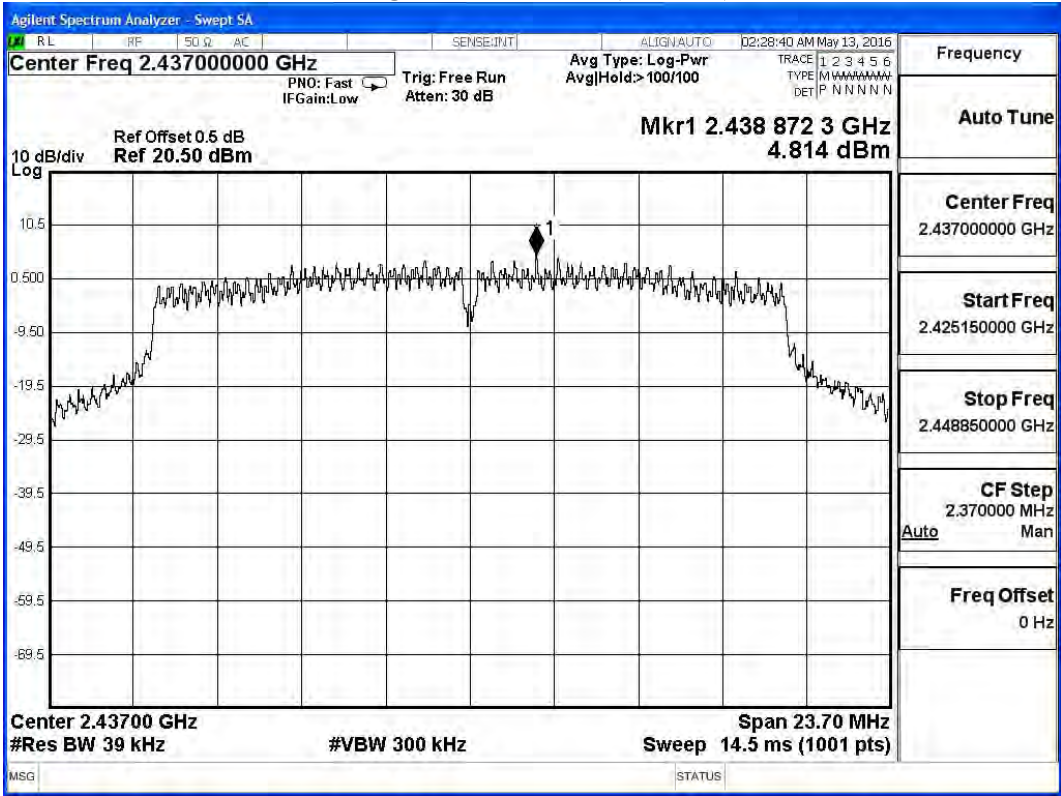


Figure Channel 06: (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 11 (2462MHz)

測試模式：Mode 3: 發射器 802.11n-20MHz

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 09 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
11	2462.000	A	4.705	7.715	≤8dBm	Pass
		B	4.924	7.934	≤8dBm	Pass

Note :

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

Figure Channel 11: (Chain A)

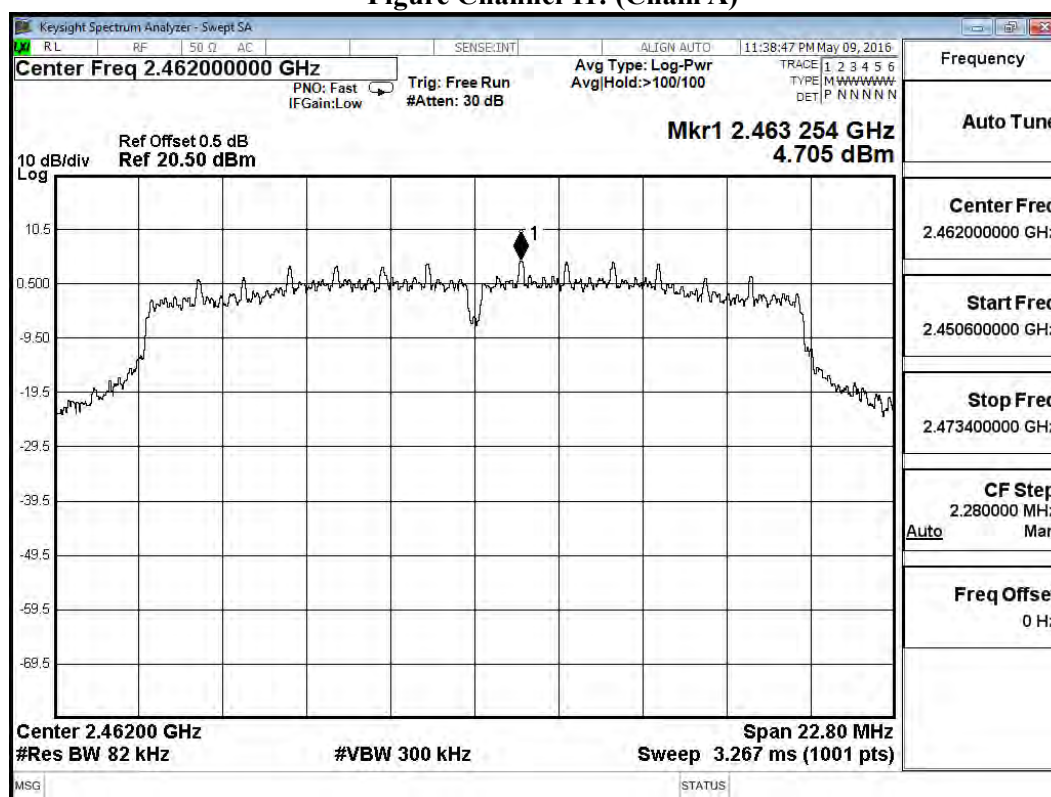
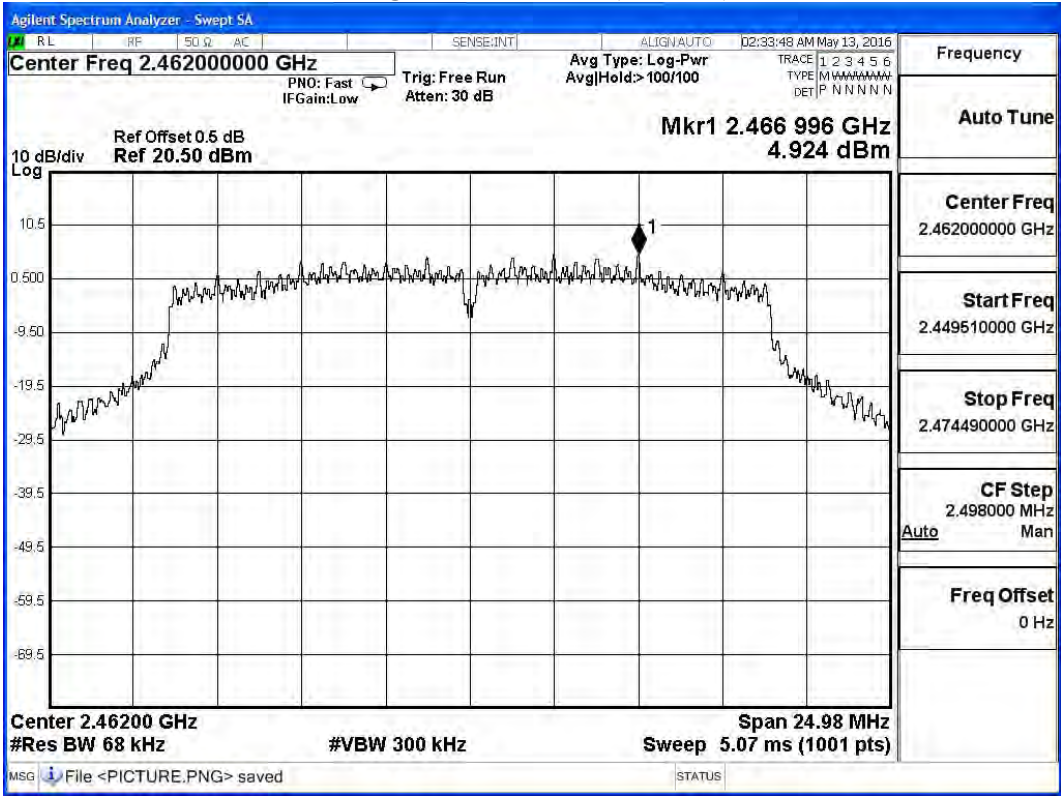


Figure Channel 11: (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 12 (2467MHz)

測試模式：Mode 3: 發射器 802.11n-20MHz

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 10 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSP/MHz (dBm)	Limit (dBm)	Result
12	2467.000	A	2.110	5.120	≤8dBm	Pass
		B	2.340	5.350	≤8dBm	Pass

Note :

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

Figure Channel 12: (Chain A)

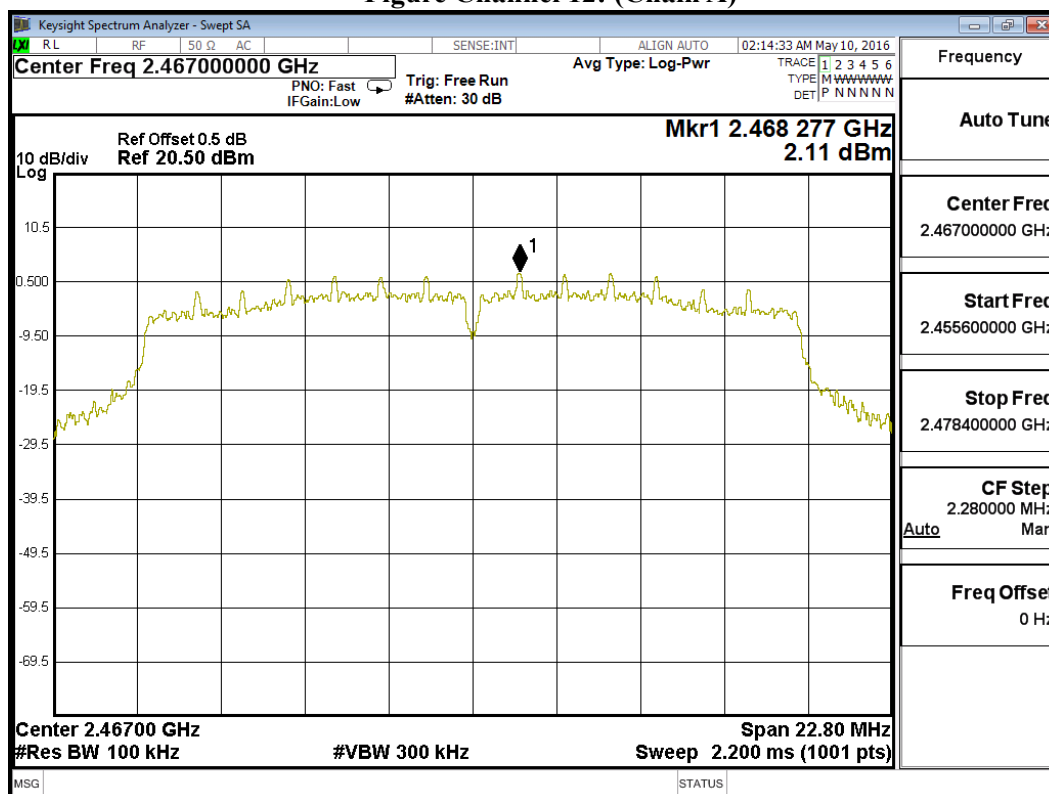
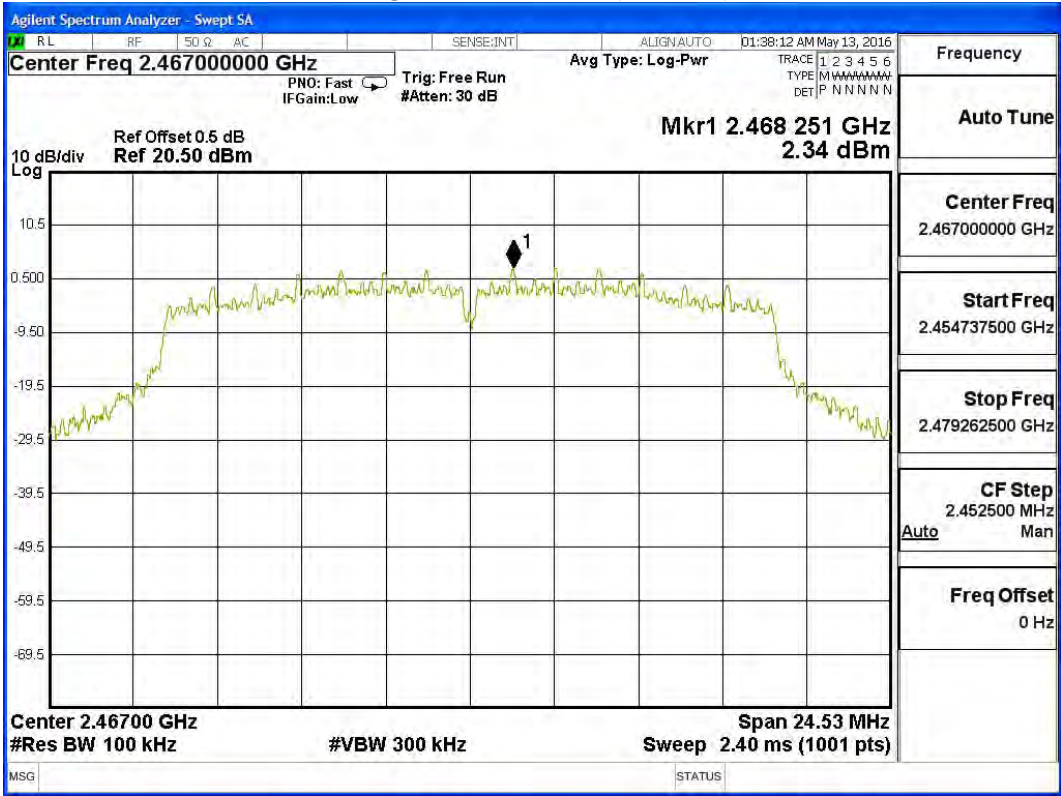


Figure Channel 12: (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 13 (2472MHz)

測試模式：Mode 3: 發射器 802.11n-20MHz

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 10 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSP/MHz (dBm)	Limit (dBm)	Result
13	2472.000	A	-9.060	-6.050	≤8dBm	Pass
		B	-9.760	-6.750	≤8dBm	Pass

Note :

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

Figure Channel 13: (Chain A)

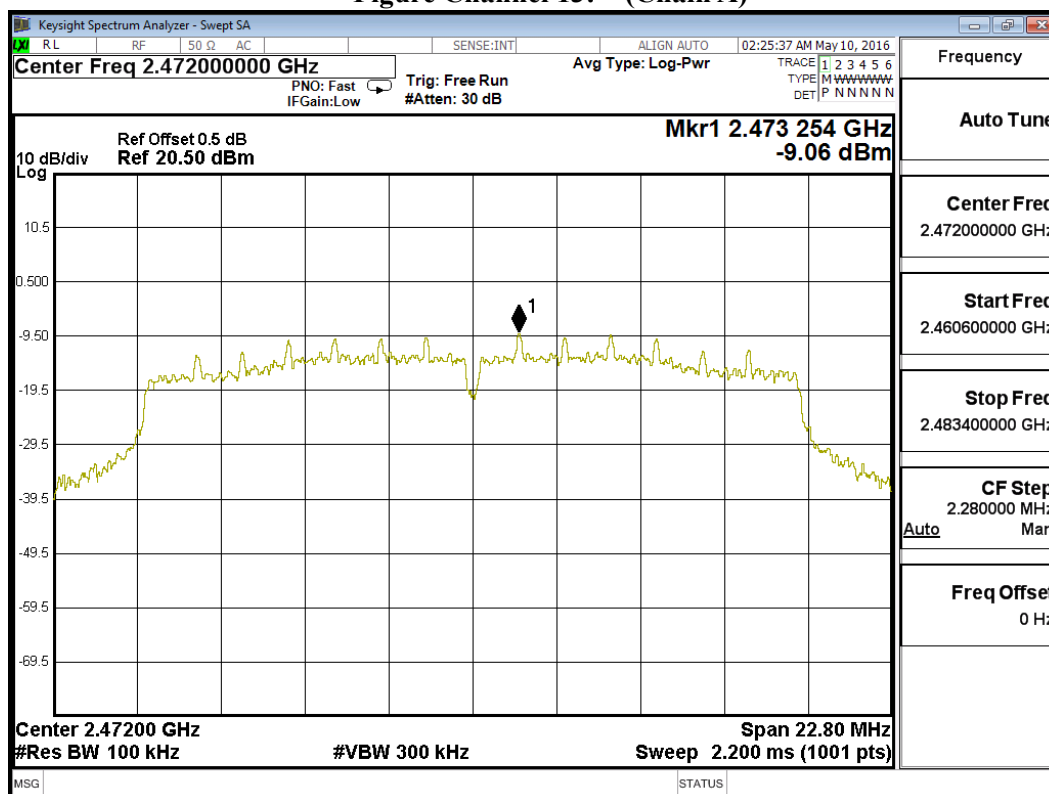


Figure Channel 13: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 03 (2422 MHz)

測試模式: Mode 5: 發射器 802.11n-40MHz

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 04 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSP/MHz (dBm)	Limit (dBm)	Result
03	2422.000	A	0.620	3.630	≤ 8dBm	Pass
		B	0.520	3.530	≤ 8dBm	Pass

Note :

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

Figure Channel 03: (Chain A)

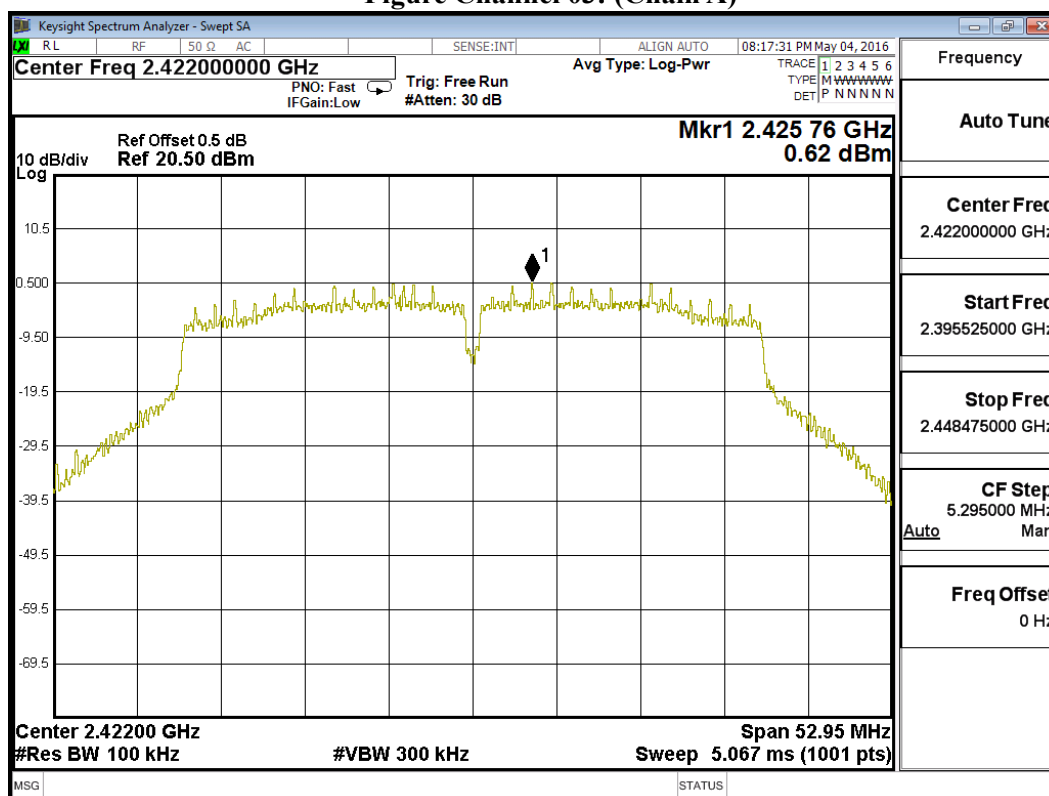
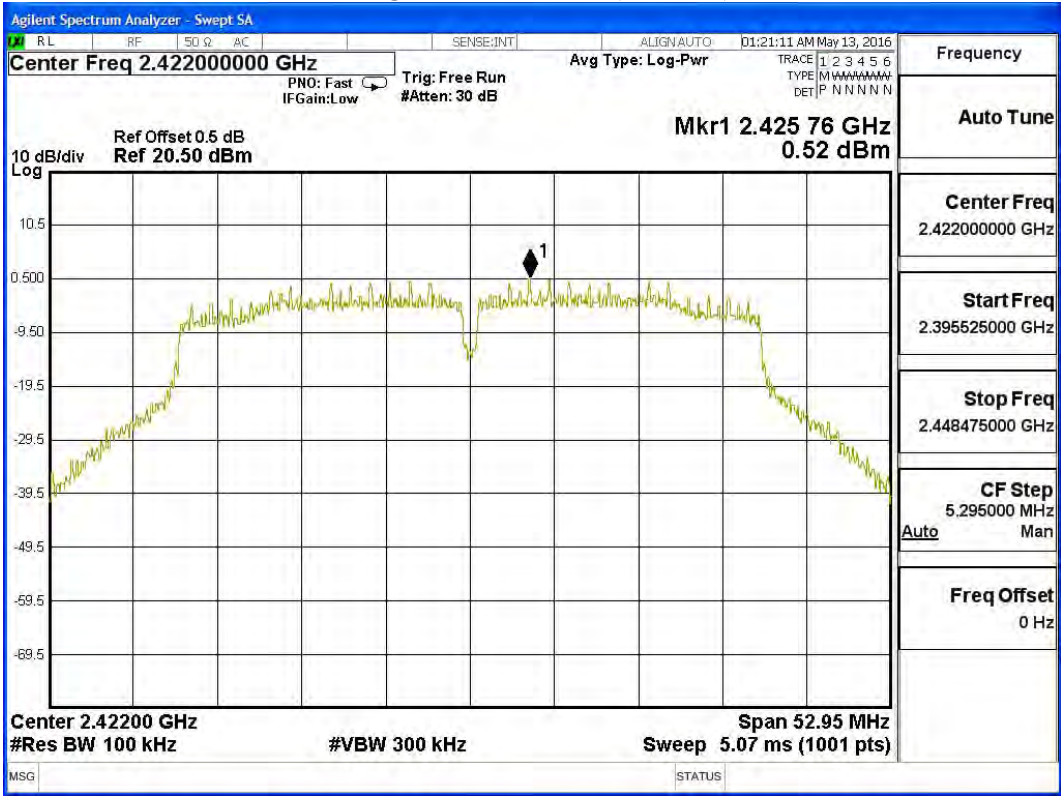


Figure Channel 03: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 06 (2437 MHz)

測試模式: Mode 5: 發射器 802.11n-40MHz

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 04 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSP/MHz (dBm)	Limit (dBm)	Result
06	2437.000	A	2.170	5.180	$\leq 8\text{dBm}$	Pass
		B	2.080	5.090	$\leq 8\text{dBm}$	Pass

Note :

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

Figure Channel 06: (Chain A)

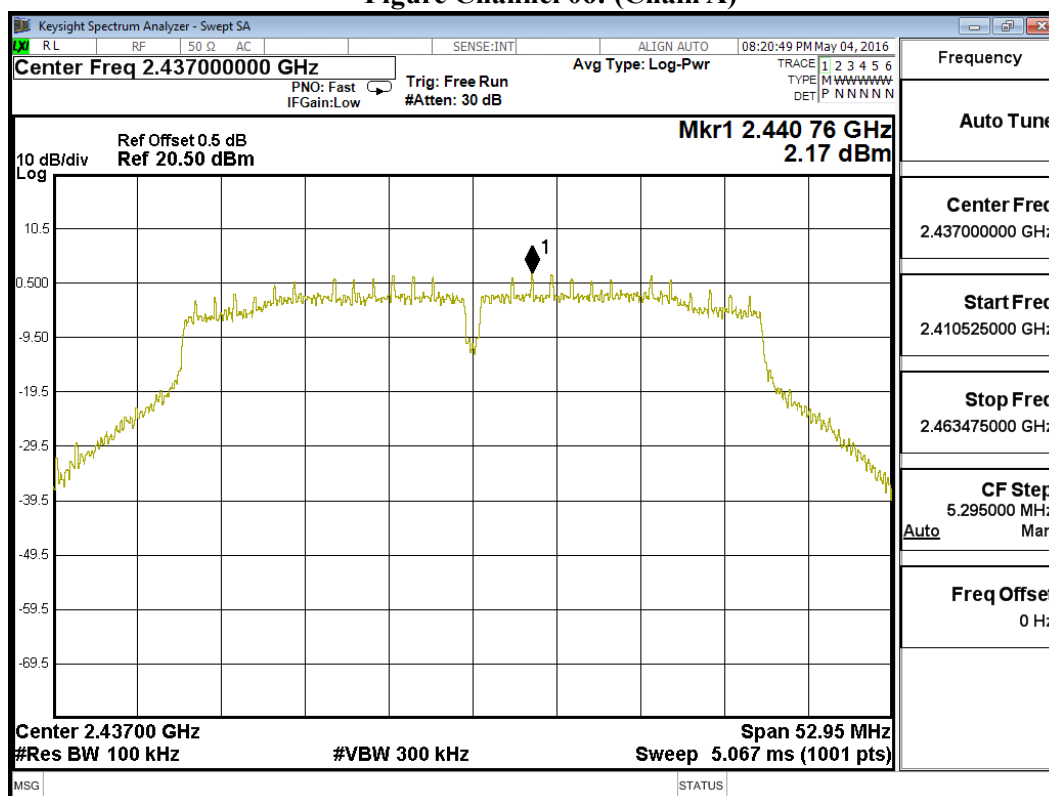
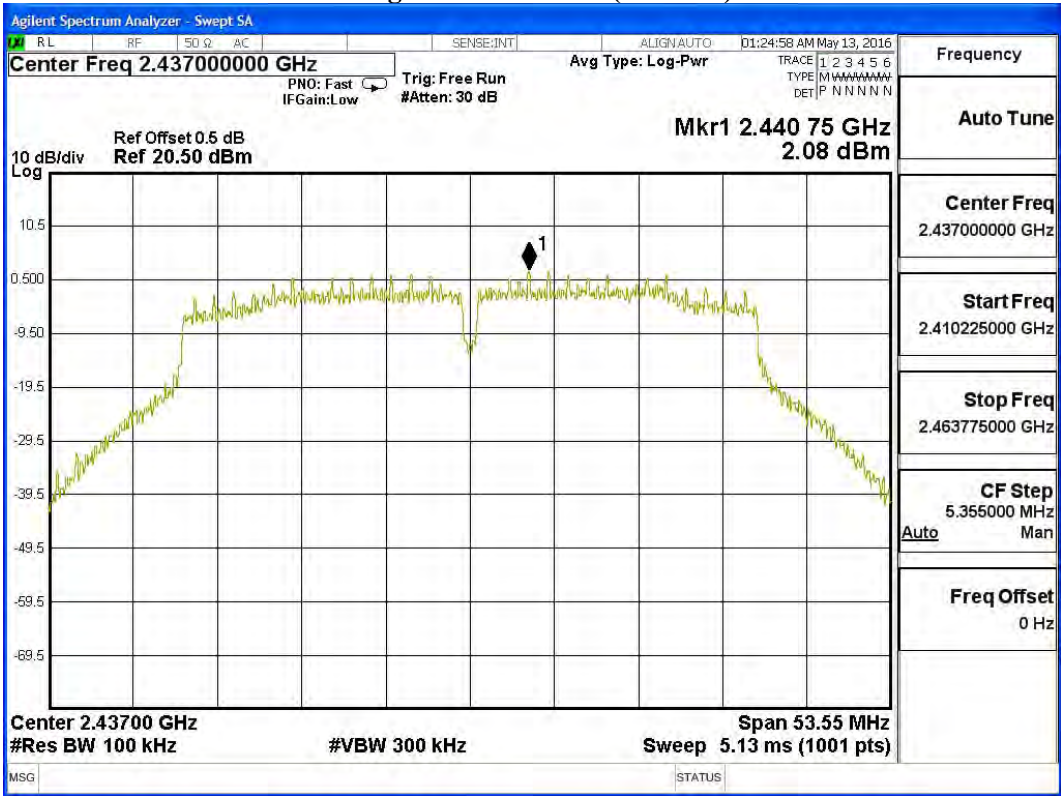


Figure Channel 06: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 09 (2452 MHz)

測試模式: Mode 5: 發射器 802.11n-40MHz

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 04 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
09	2452.000	A	2.230	5.240	$\leq 8\text{dBm}$	Pass
		B	2.180	5.190	$\leq 8\text{dBm}$	Pass

Note:

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

Figure Channel 09: (Chain A)

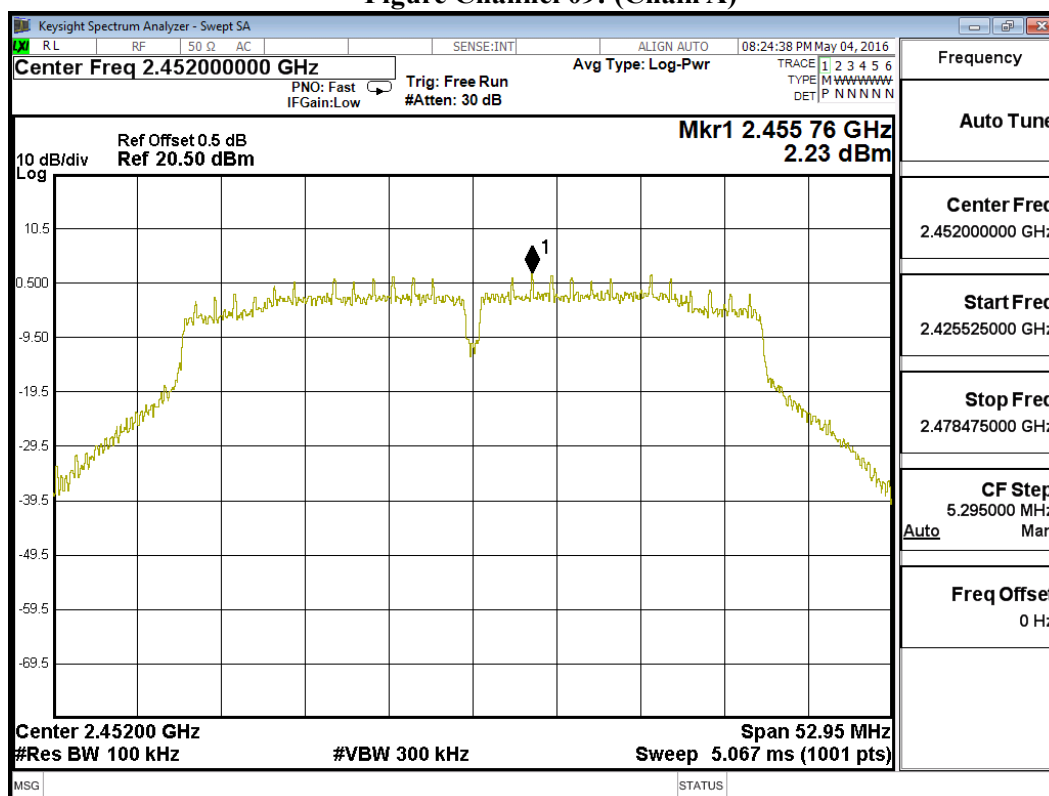
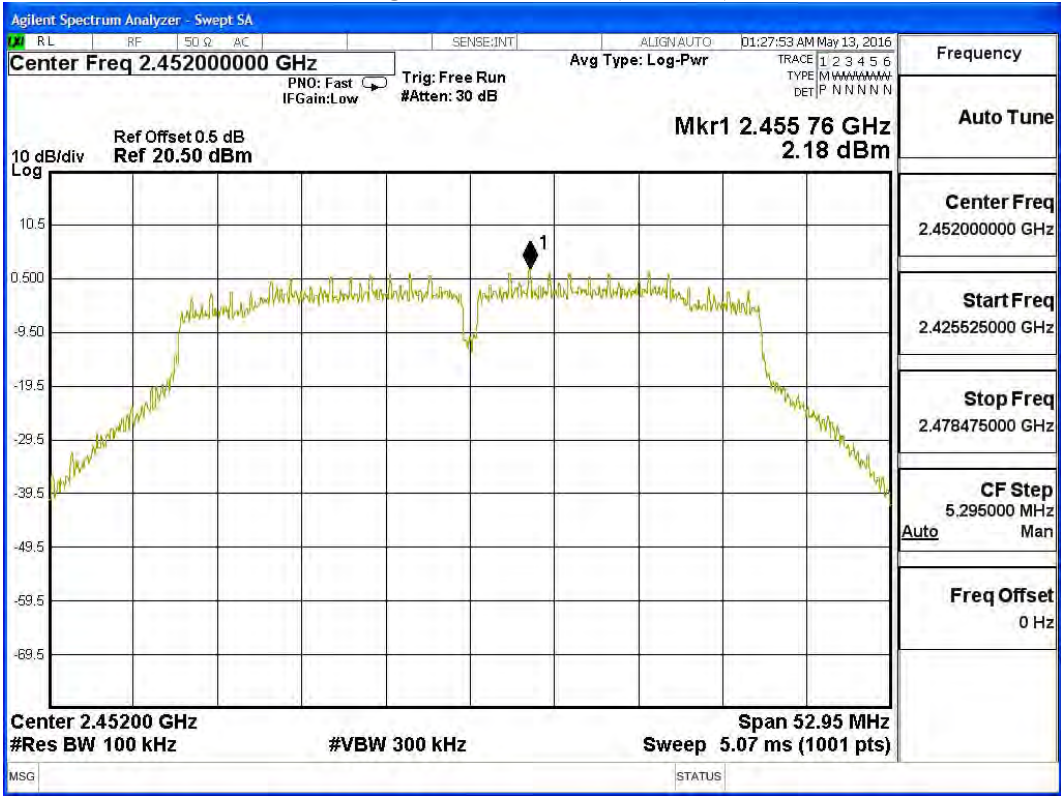


Figure Channel 09: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 10 (2457 MHz)

測試模式: Mode 5: 發射器 802.11n-40MHz

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 10 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSP/MHz (dBm)	Limit (dBm)	Result
10	2457.000	A	-1.660	1.350	$\leq 8\text{dBm}$	Pass
		B	-1.130	1.880	$\leq 8\text{dBm}$	Pass

Note :

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

Figure Channel 10: (Chain A)

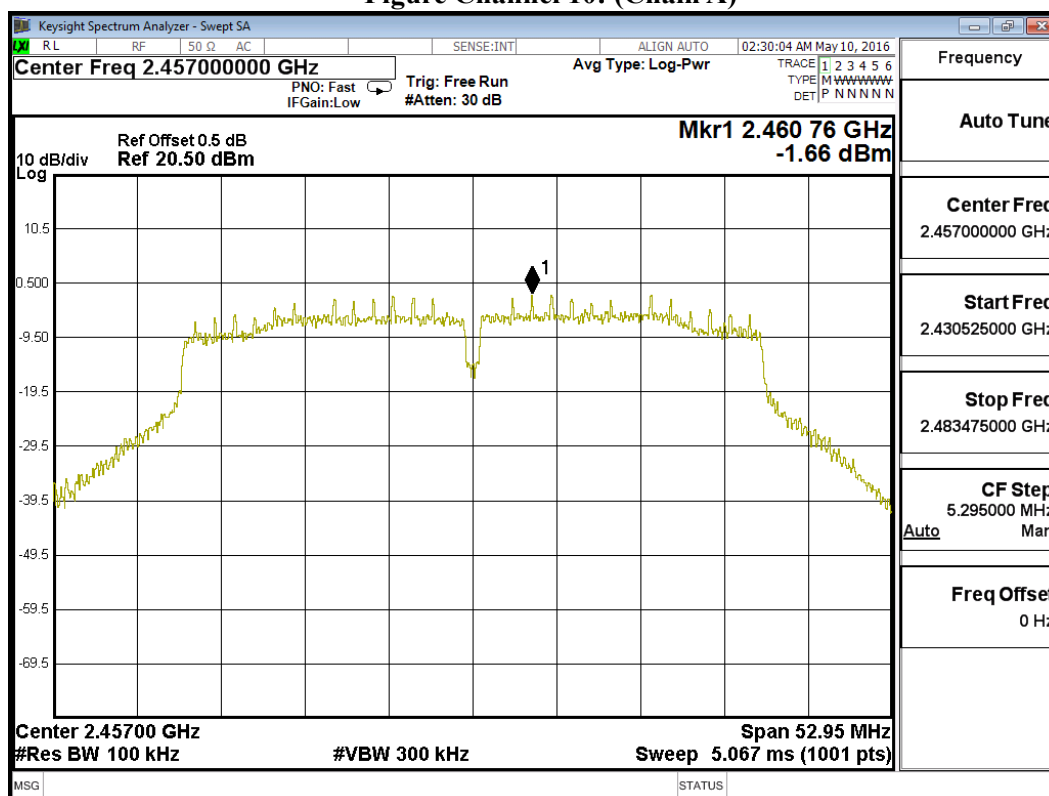
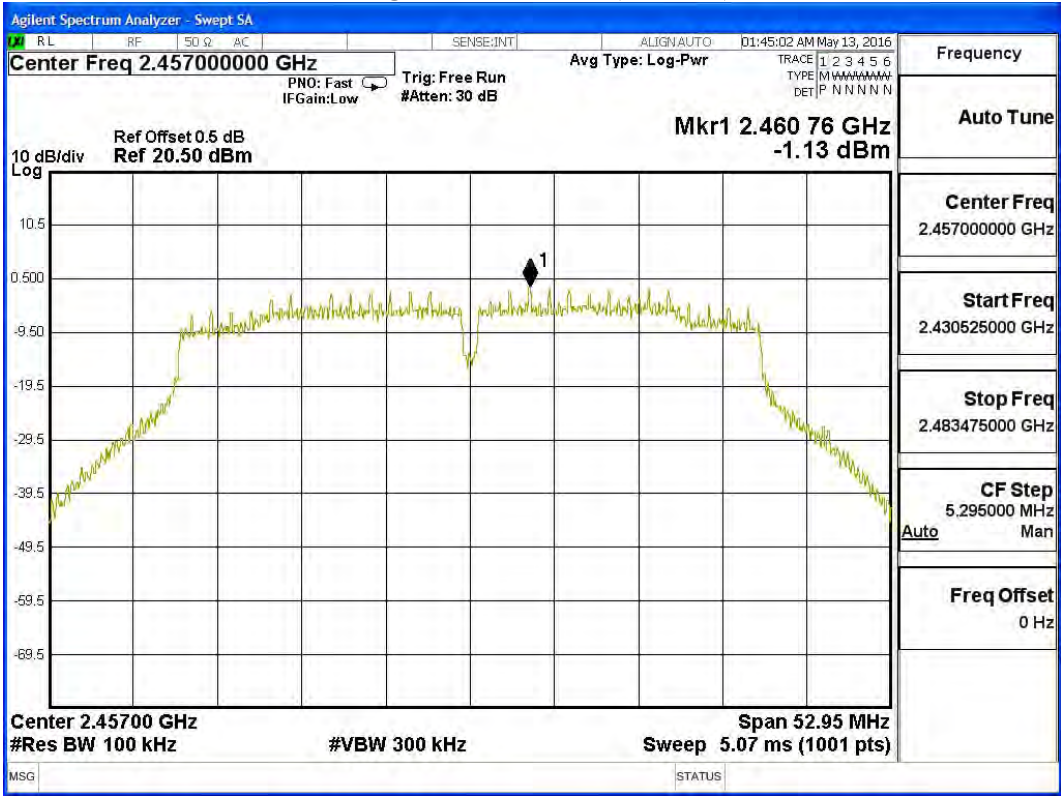


Figure Channel 10: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 11 (2462 MHz)

測試模式: Mode 5: 發射器 802.11n-40MHz

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 10 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSP/MHz (dBm)	Limit (dBm)	Result
11	2462.000	A	-11.602	-8.926	≤8dBm	Pass
		B	-11.936	-8.926	≤8dBm	Pass

Note :

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

Figure Channel 11: (Chain A)

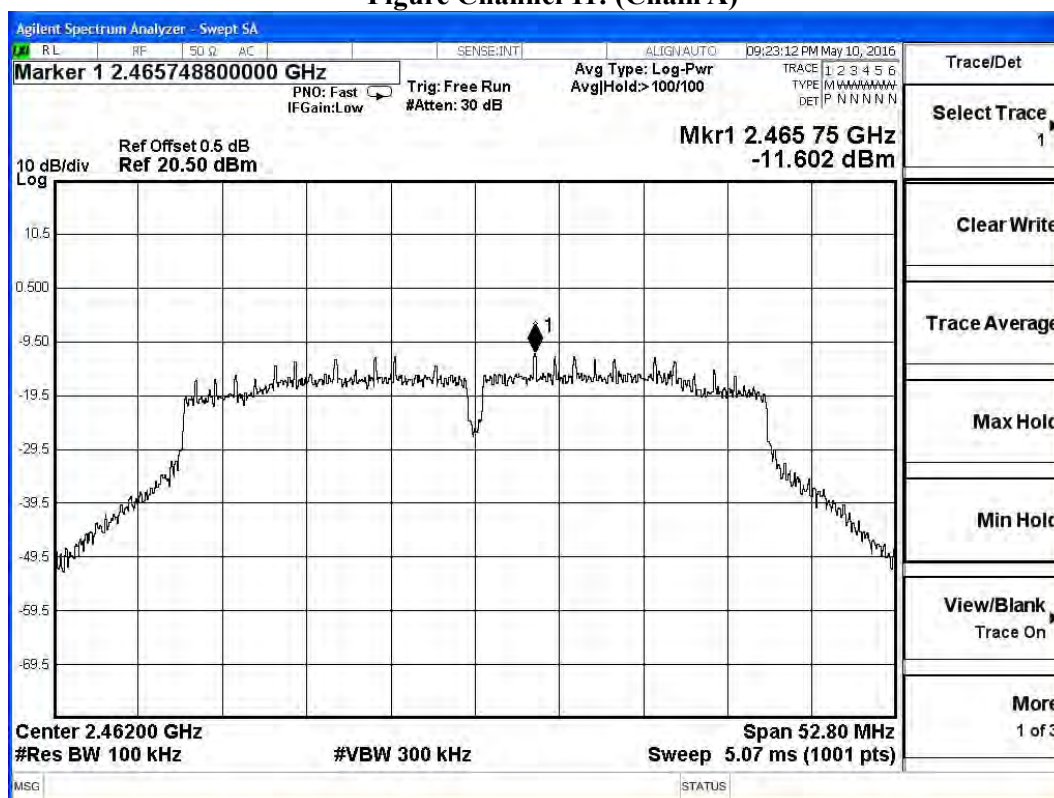
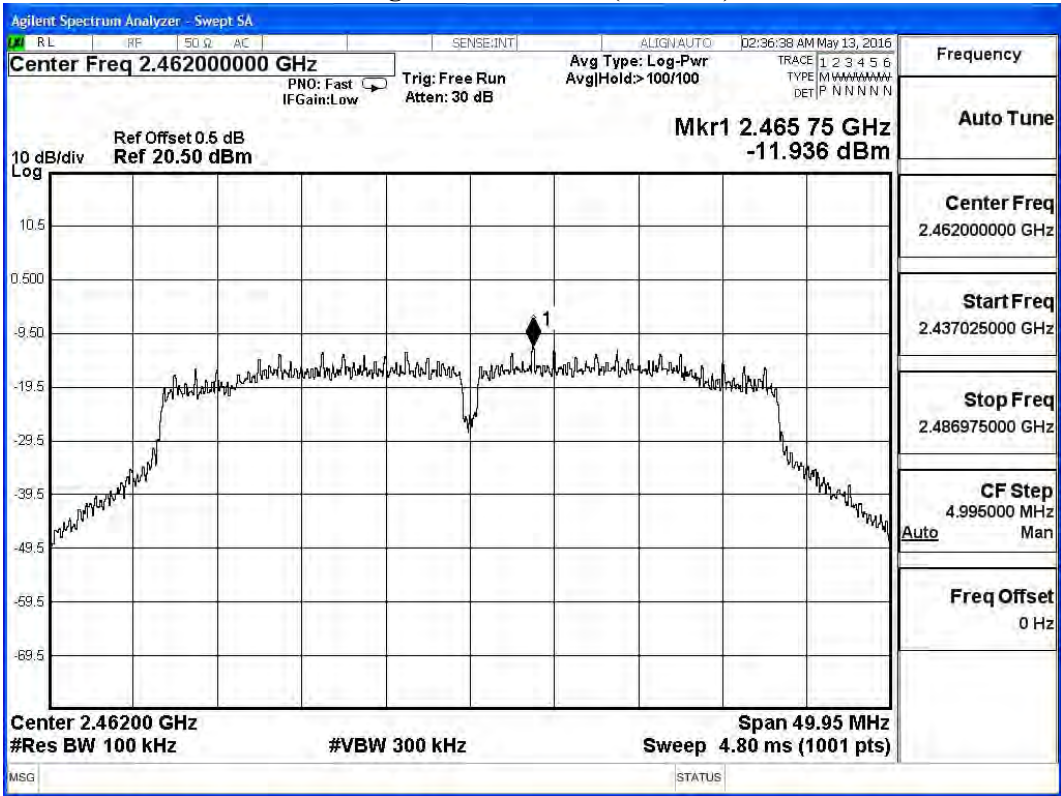


Figure Channel 11: (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 01 (2412MHz)

測試模式：Mode 4: 發射器

802.11n-20MHz-Beamforming

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 09 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSP/MHz (dBm)	Limit (dBm)	Result
01	2412.00	A	4.546	7.556	≤8dBm	Pass
		B	4.590	7.600	≤8dBm	Pass

Note :

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

Figure Channel 01: (Chain A)

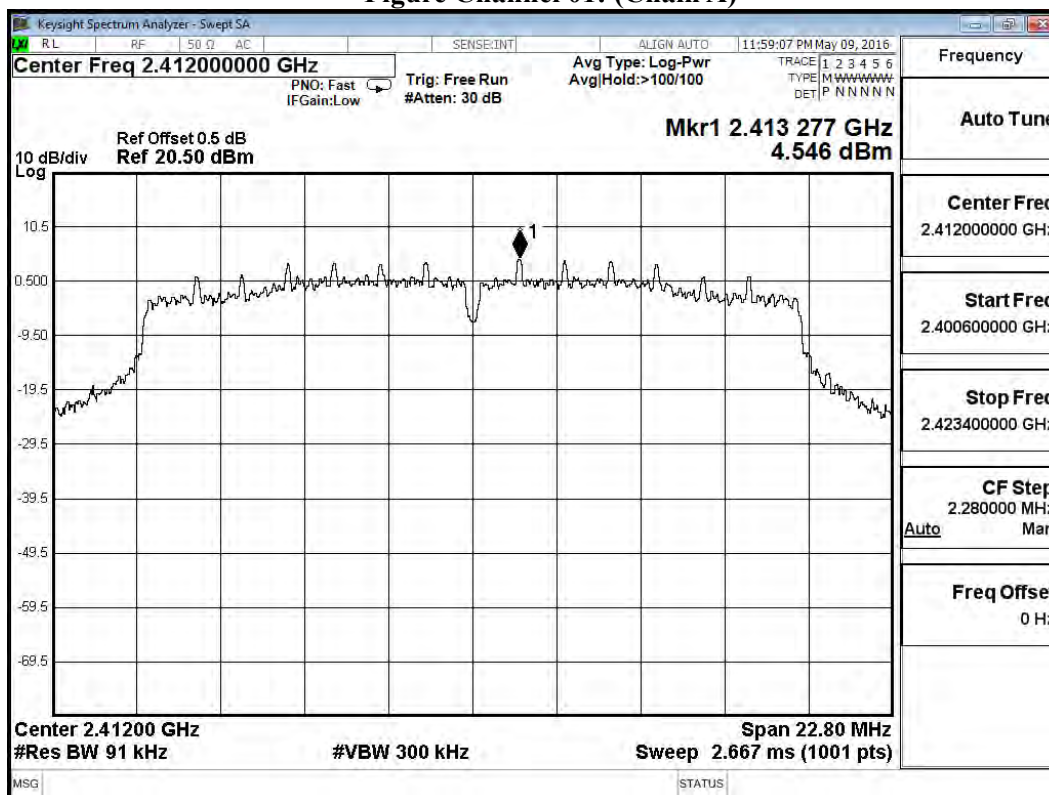
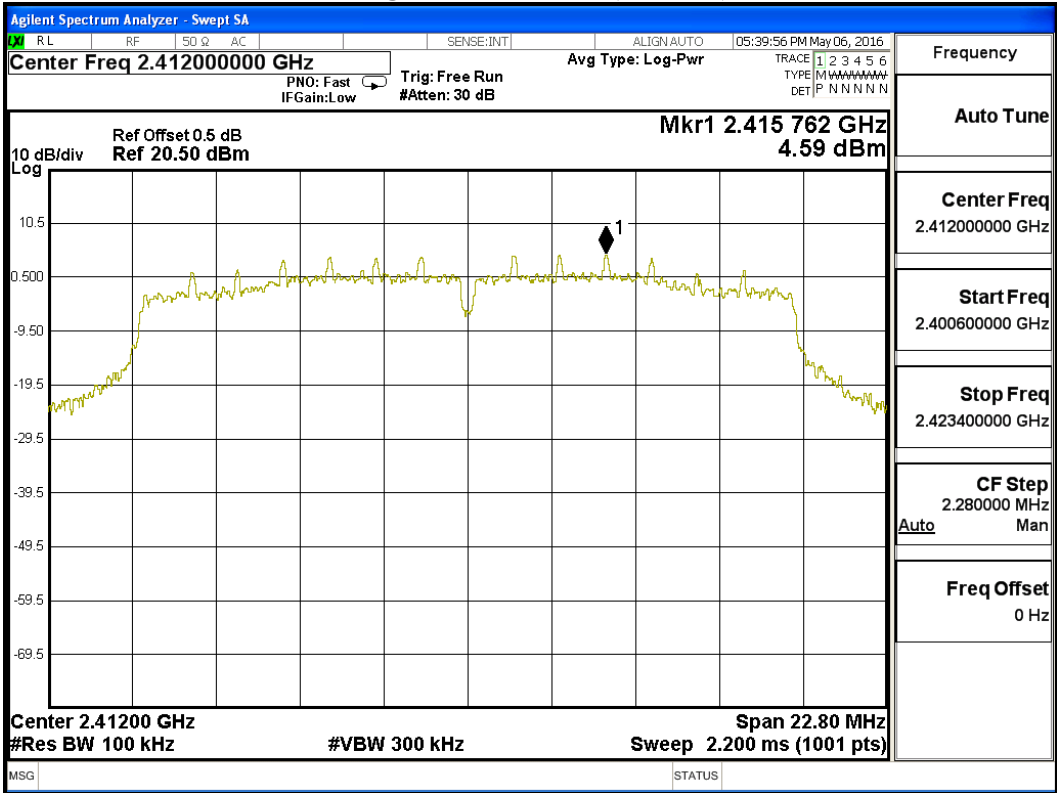


Figure Channel 01: (Chain B)



測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 06 (2437MHz)

測試模式：Mode 4: 發射器

802.11n-20MHz-Beamforming

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 10 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
06	2437.000	A	4.109	7.119	≤8dBm	Pass
		B	4.246	7.256	≤8dBm	Pass

Note :

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

Figure Channel 06: (Chain A)

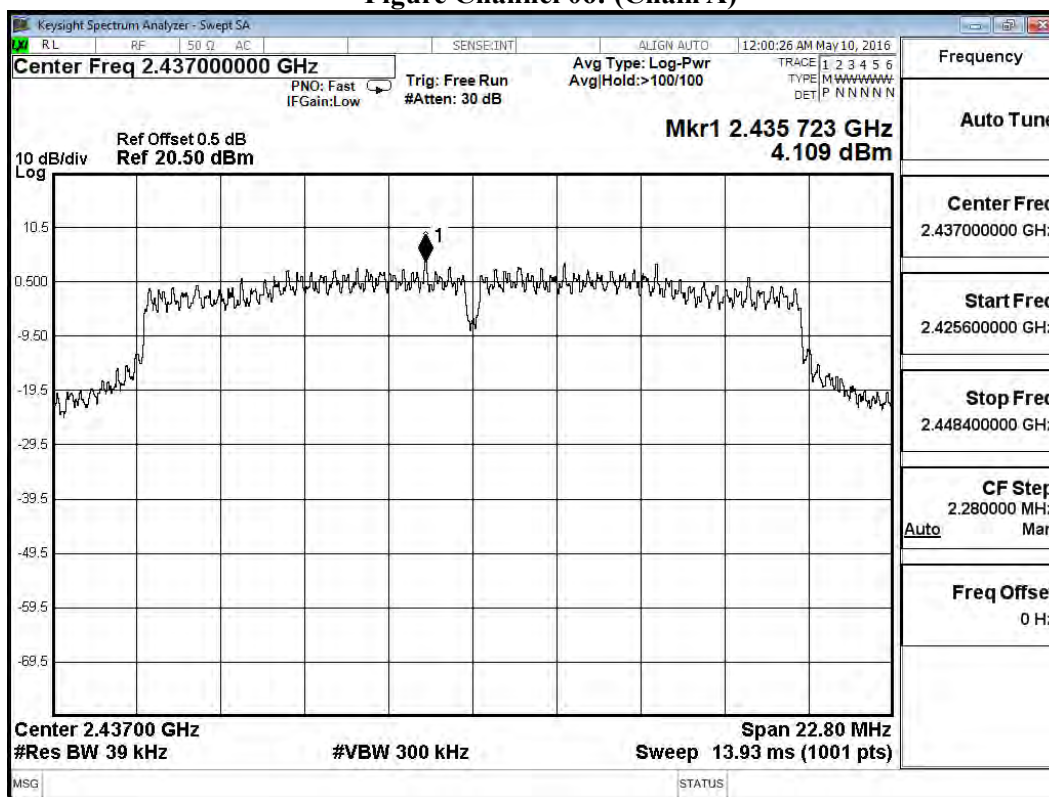
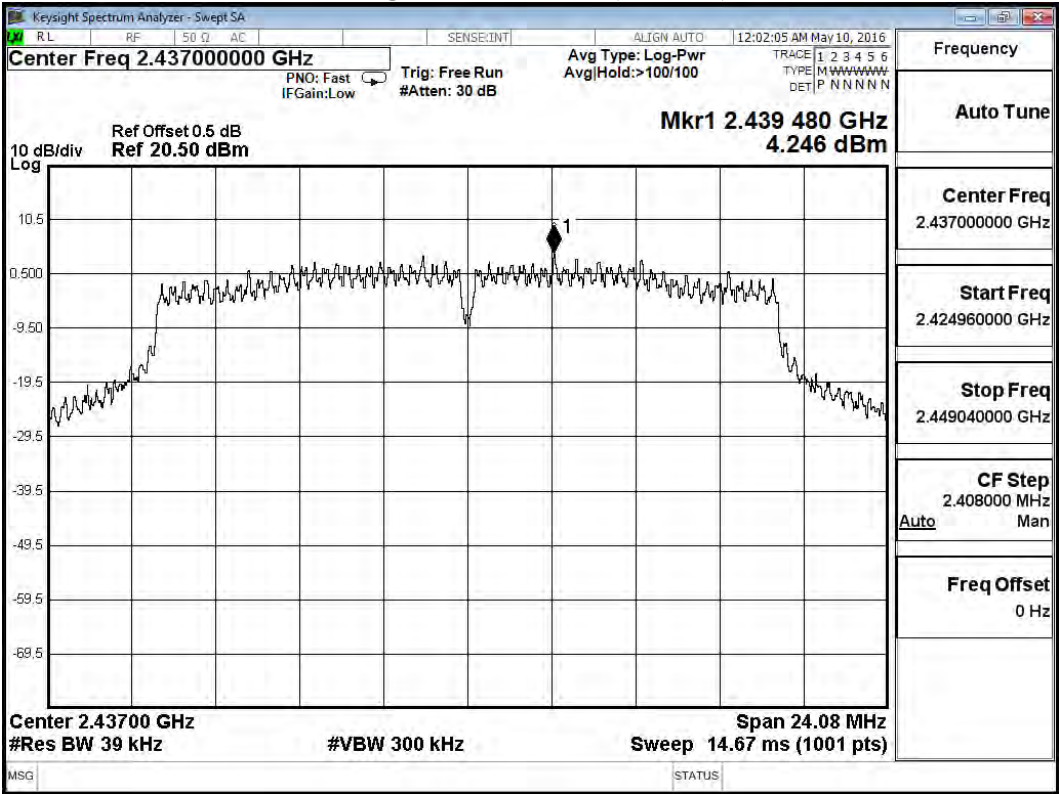


Figure Channel 06: (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 11 (2462MHz)

測試模式：Mode 4: 發射器

802.11n-20MHz-Beamforming

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 06 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
11	2462.000	A	4.310	7.320	≤8dBm	Pass
		B	4.870	7.880	≤8dBm	Pass

Note :

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

Figure Channel 11: (Chain A)

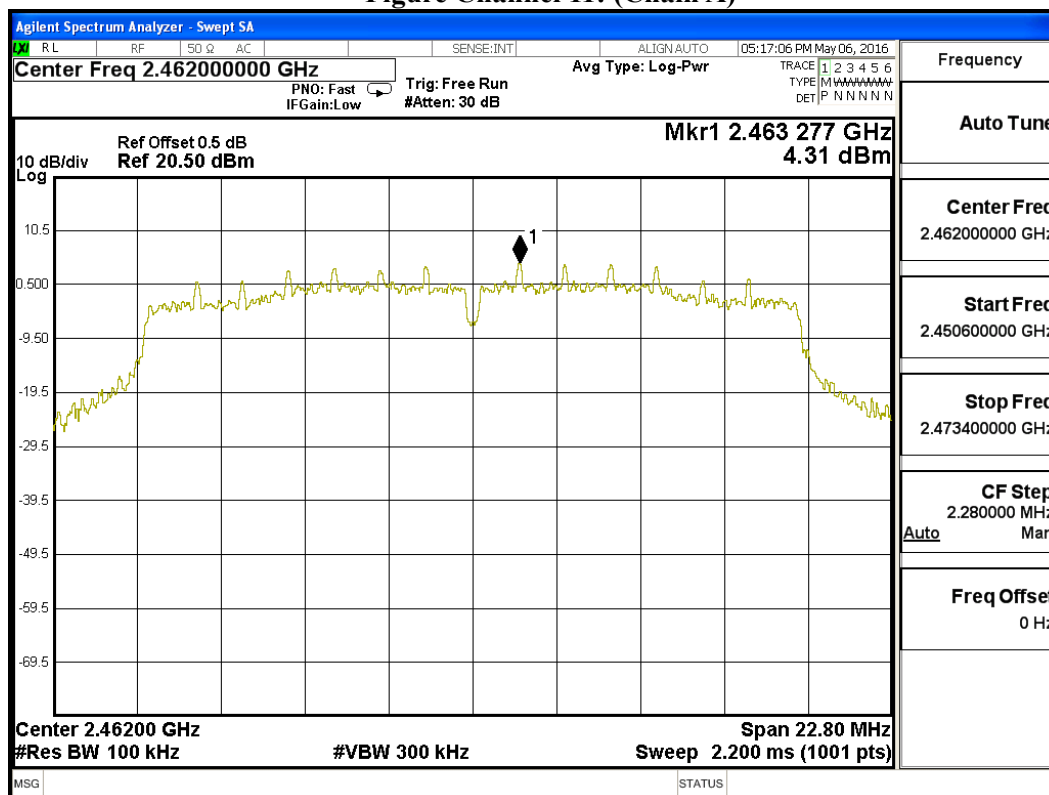
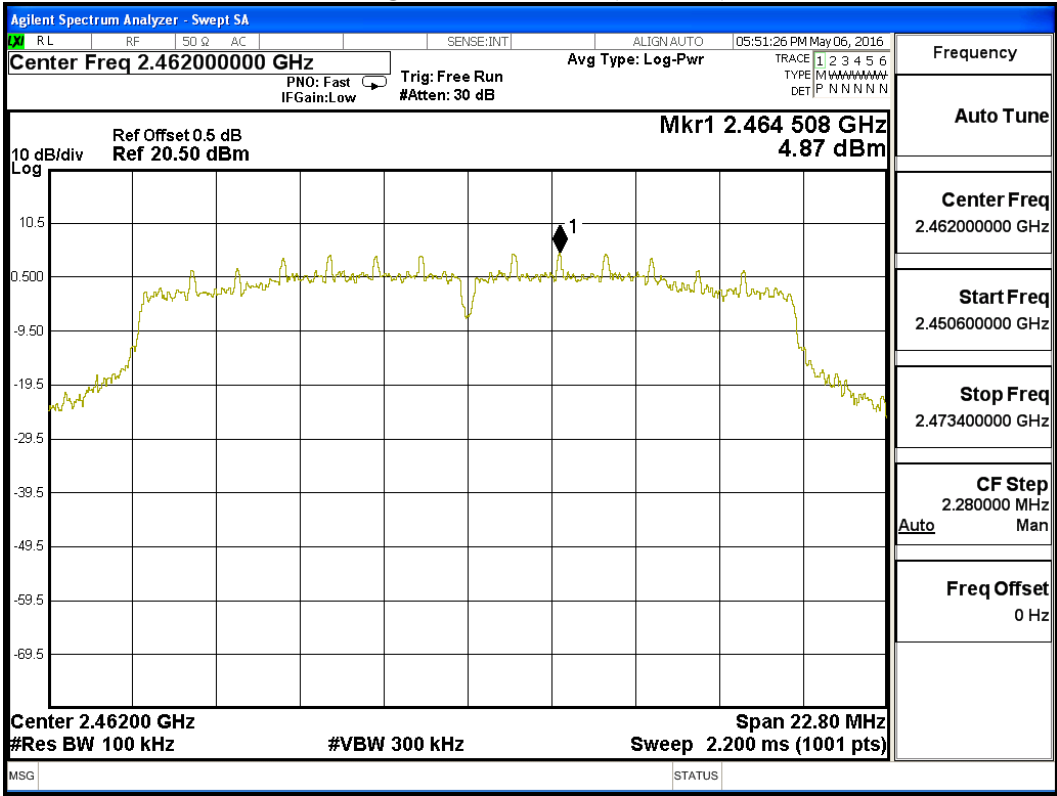


Figure Channel 11: (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 12 (2467MHz)

測試模式：Mode 4: 發射器

802.11n-20MHz-Beamforming

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 10 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
12	2467.000	A	-0.050	2.960	≤ 8dBm	Pass
		B	0.040	3.050	≤ 8dBm	Pass

Note :

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

Figure Channel 12: (Chain A)

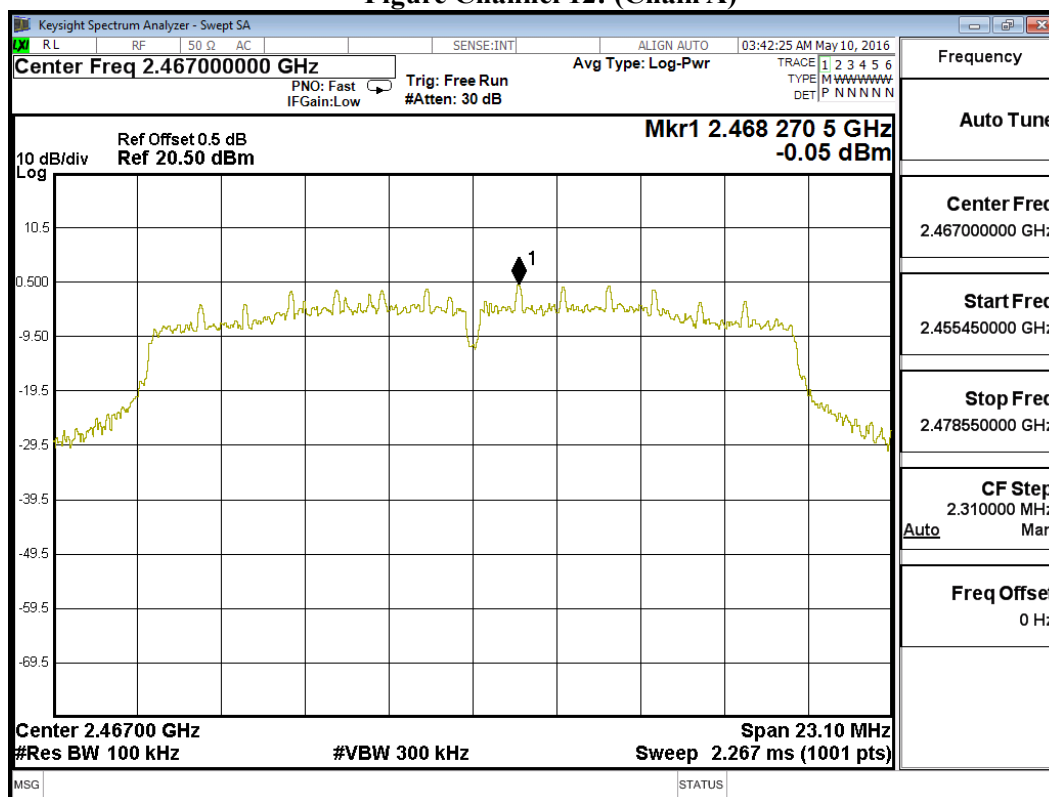
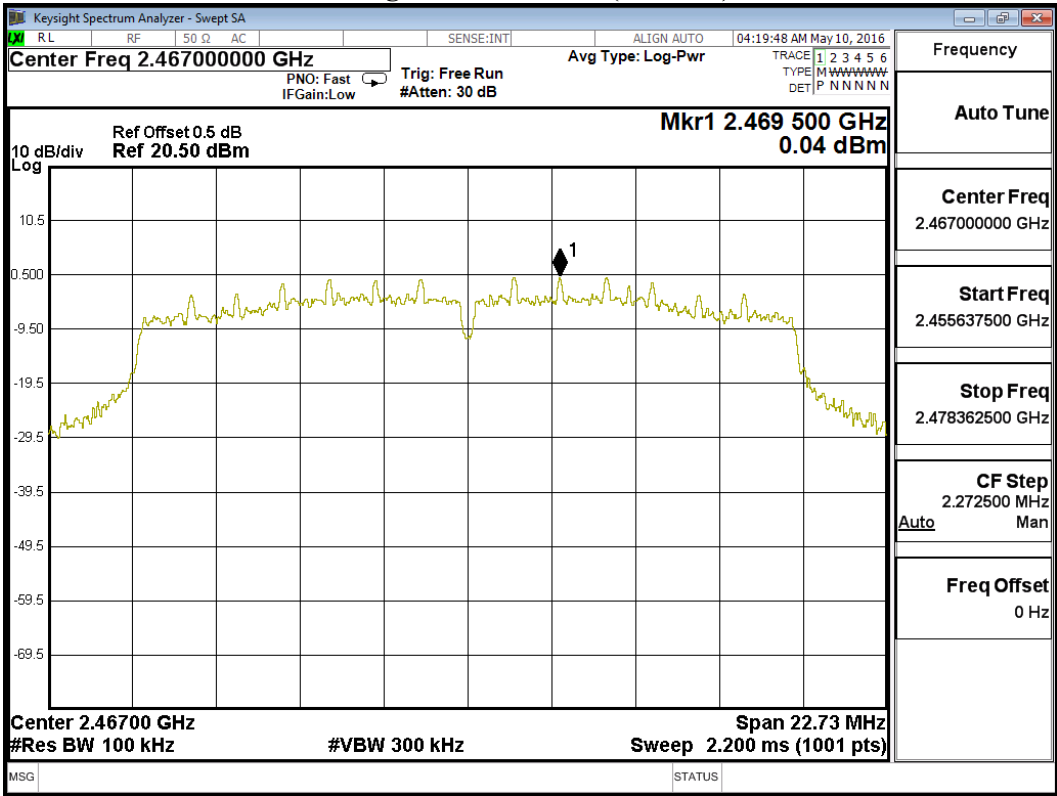


Figure Channel 12: (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 8265

待測物型號：8265NGW

測試項目：功率密度

測試頻道：CH 13 (2472MHz)

測試模式：Mode 4: 發射器

802.11n-20MHz-Beamforming

6 dB 頻寬：3kHz

視頻頻寬：10kHz

量測天線：--

測試距離：Conducted

檢測器：峰值

環境溫度：20 °C

測試日期：105 年 05 月 10 日

環境濕度：50 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
13	2472.000	A	-9.920	-6.910	≤8dBm	Pass
		B	-9.930	-6.920	≤8dBm	Pass

Note :

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

Figure Channel 13: (Chain A)

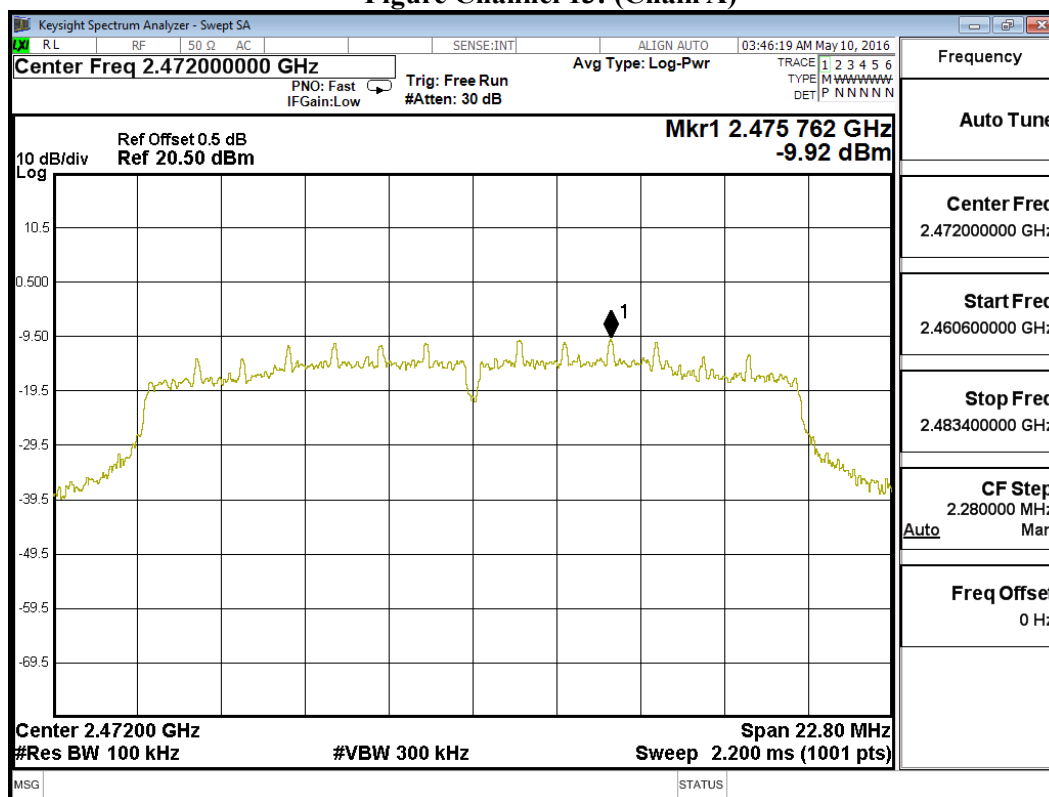
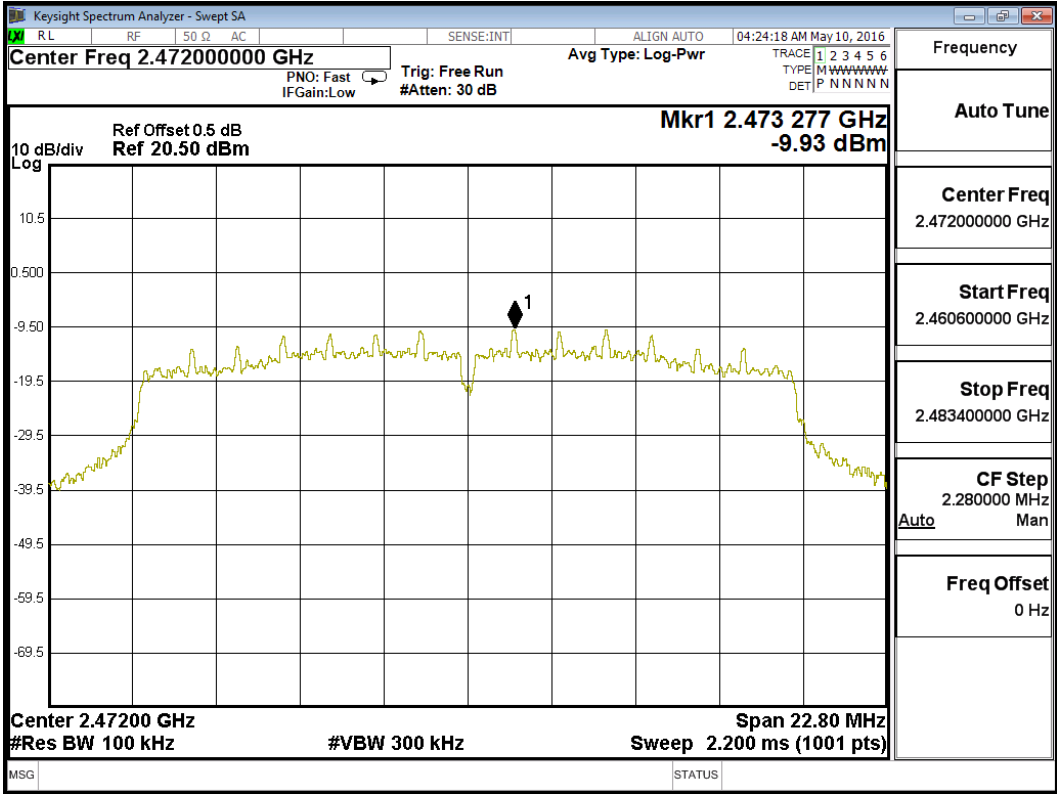


Figure Channel 13: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 03 (2422 MHz)

測試模式: Mode 6: 發射器 802.11n-40MHz-Beamforming

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 06 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
03	2422.000	A	-0.940	2.070	≤ 8dBm	Pass
		B	-0.250	2.760	≤ 8dBm	Pass

Note :

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

Figure Channel 03: (Chain A)

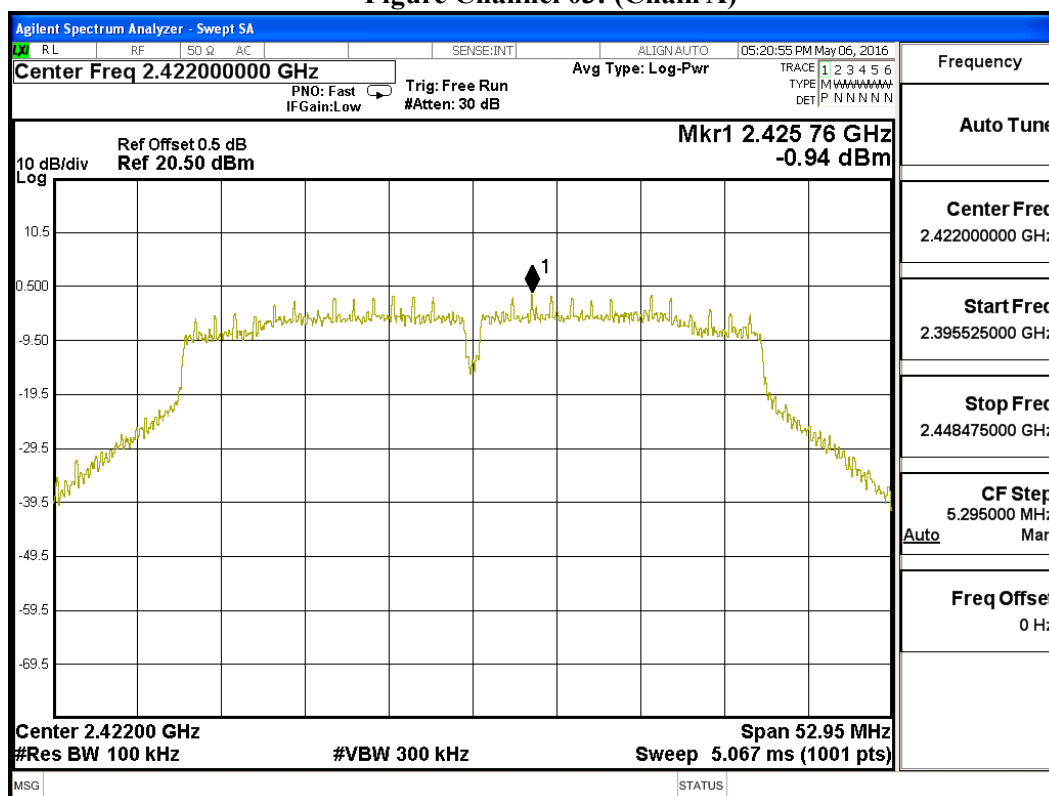
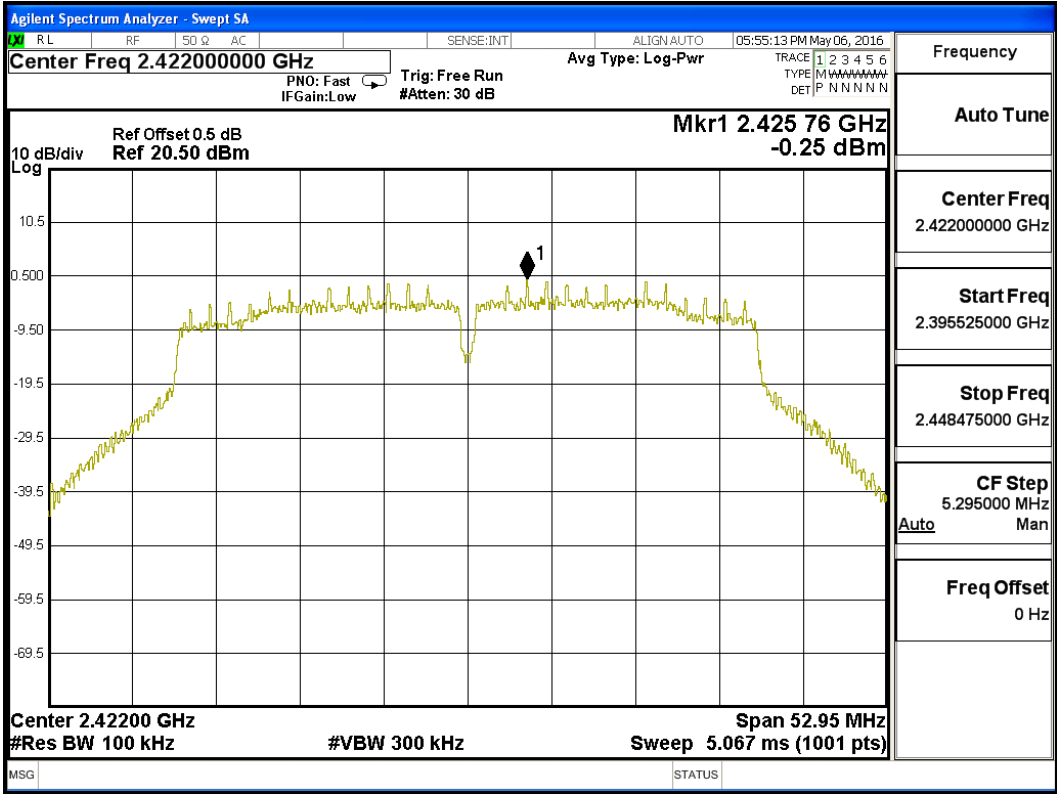


Figure Channel 03: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 06 (2437 MHz)

測試模式: Mode 6: 發射器 802.11n-40MHz-Beamforming

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 06 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
06	2437.000	A	0.960	3.970	≤8dBm	Pass
		B	1.530	4.540	≤8dBm	Pass

Note :

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

Figure Channel 06: (Chain A)

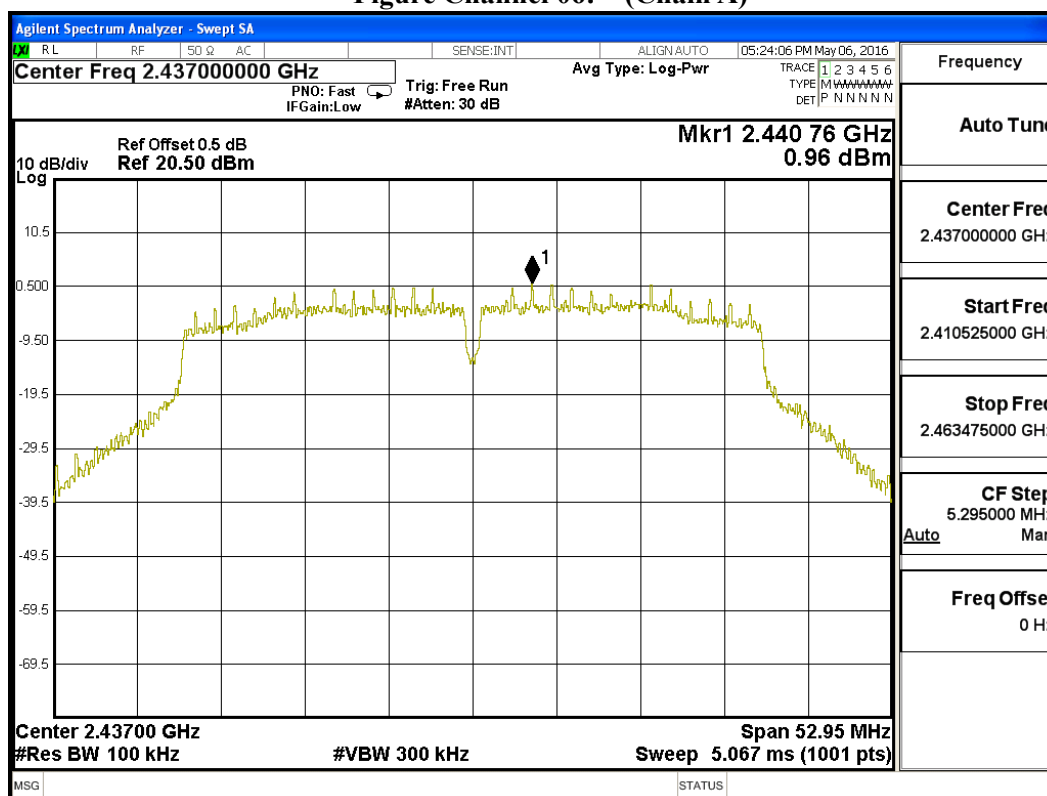
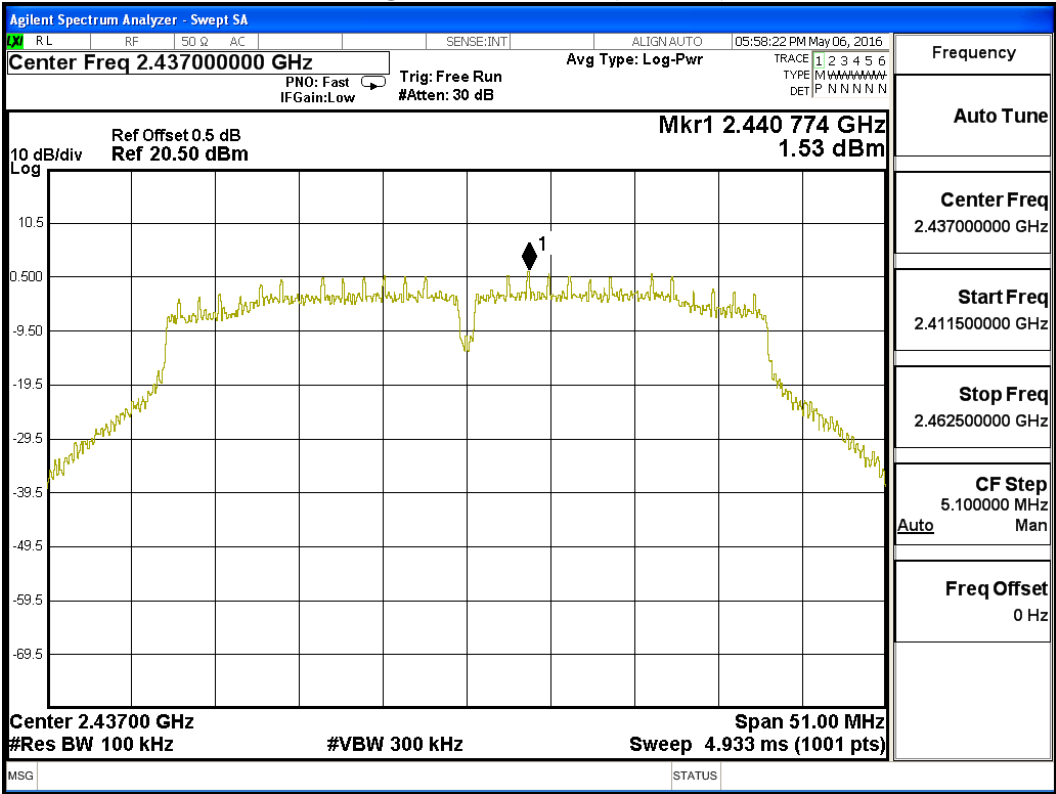


Figure Channel 06: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 09 (2452 MHz)

測試模式: Mode 6: 發射器 802.11n-40MHz-Beamforming

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 06 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSSD/MHz (dBm)	Limit (dBm)	Result
09	2452.000	A	0.360	3.370	≤8dBm	Pass
		B	0.830	3.840	≤8dBm	Pass

Note :

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

Figure Channel 09: (Chain A)

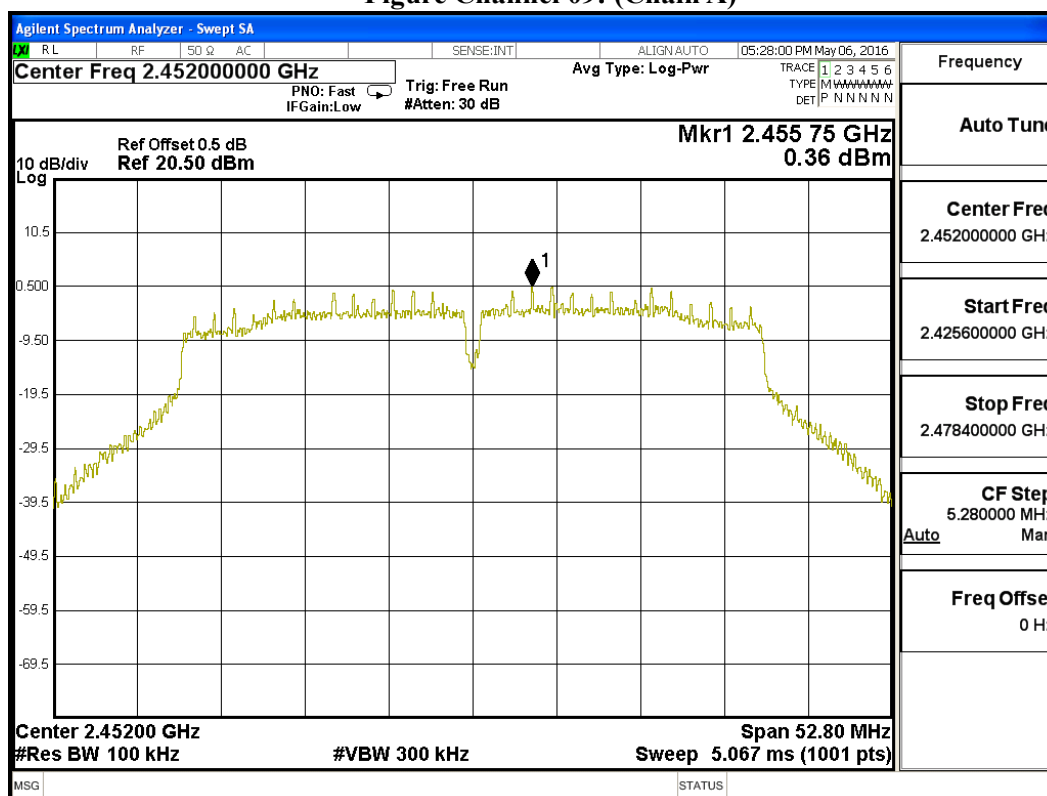
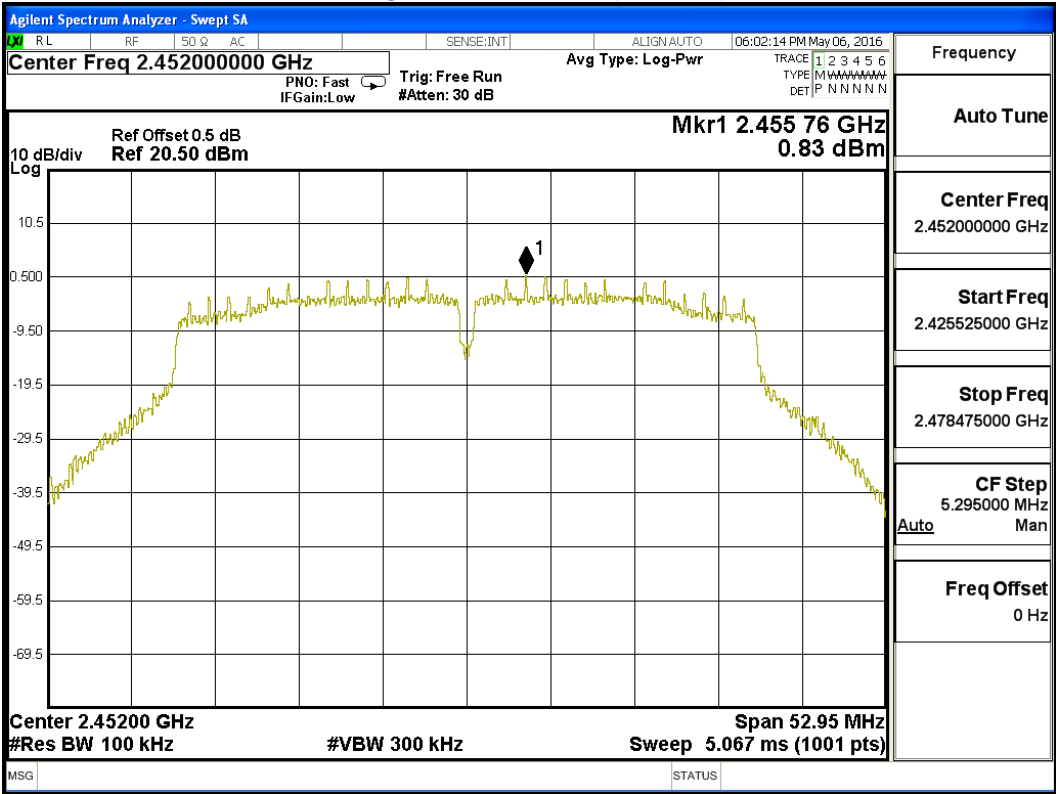


Figure Channel 09: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 10 (2457 MHz)

測試模式: Mode 6: 發射器 802.11n-40MHz-Beamforming

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 10 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
10	2457.000	A	-4.810	-1.800	≤8dBm	Pass
		B	-4.100	-1.090	≤8dBm	Pass

Note :

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

Figure Channel 10: (Chain A)

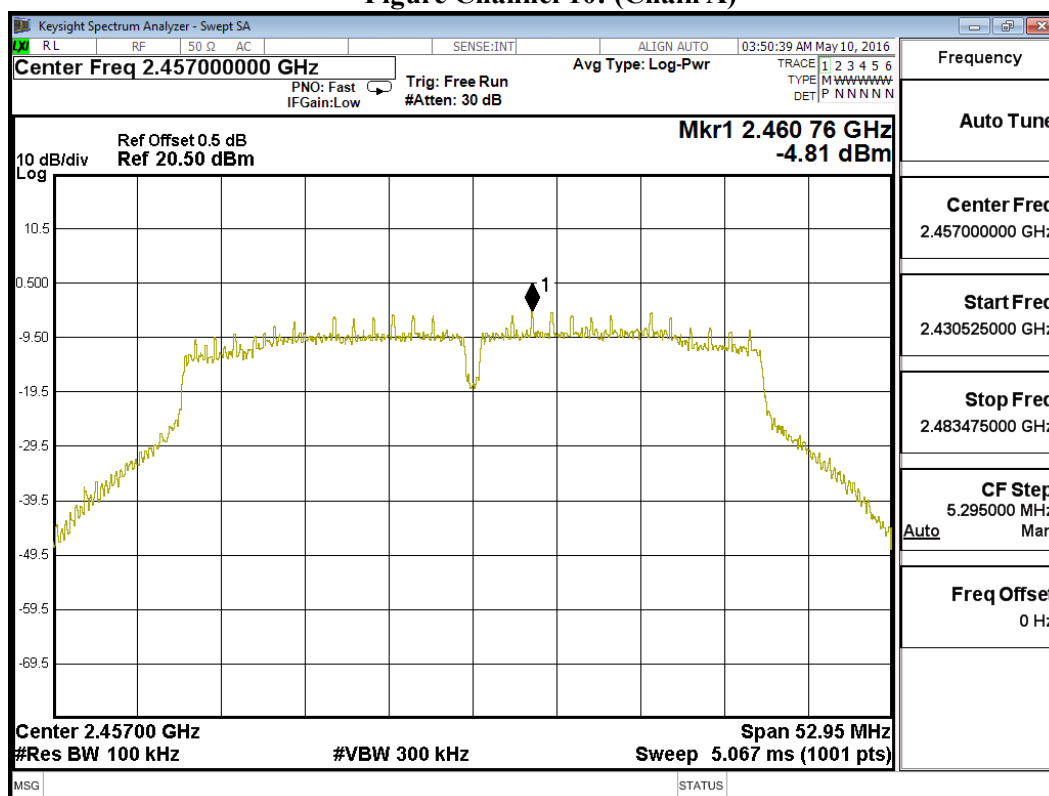
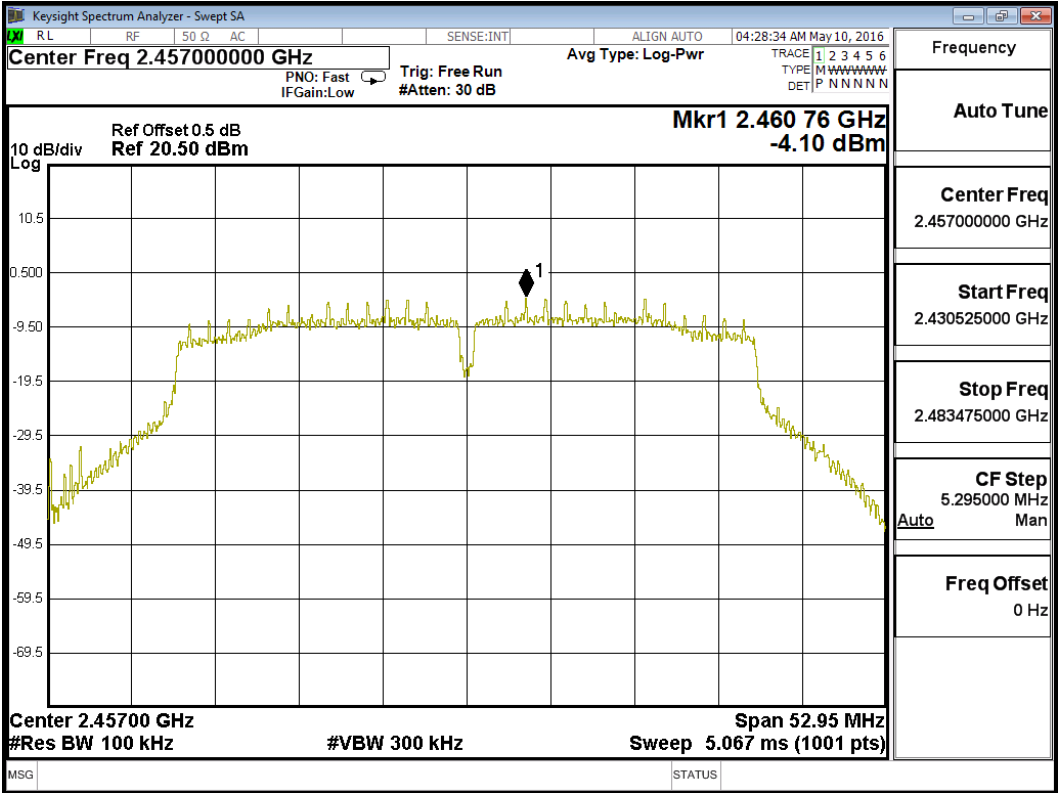


Figure Channel 10: (Chain B)



待測物名稱: Intel® Dual Band Wireless-AC 8265

待測物型號: 8265NGW

測試項目: 峰值功率頻譜密度

測試頻道: CH 11 (2462 MHz)

測試模式: Mode 6: 發射器 802.11n-40MHz-Beamforming

6 dB 頻寬: 3kHz

視頻頻寬: 10kHz

檢測器: 峰值

環境溫度: 21 °C

測試日期: 105 年 05 月 10 日

環境濕度: 53 %

Channel No.	Frequency (MHz)	Chain (dBm)	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)	Limit (dBm)	Result
11	2462.000	A	-14.800	-11.790	≤ 8dBm	Pass
		B	-13.944	-10.934	≤ 8dBm	Pass

Note :

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

Figure Channel 11: (Chain A)

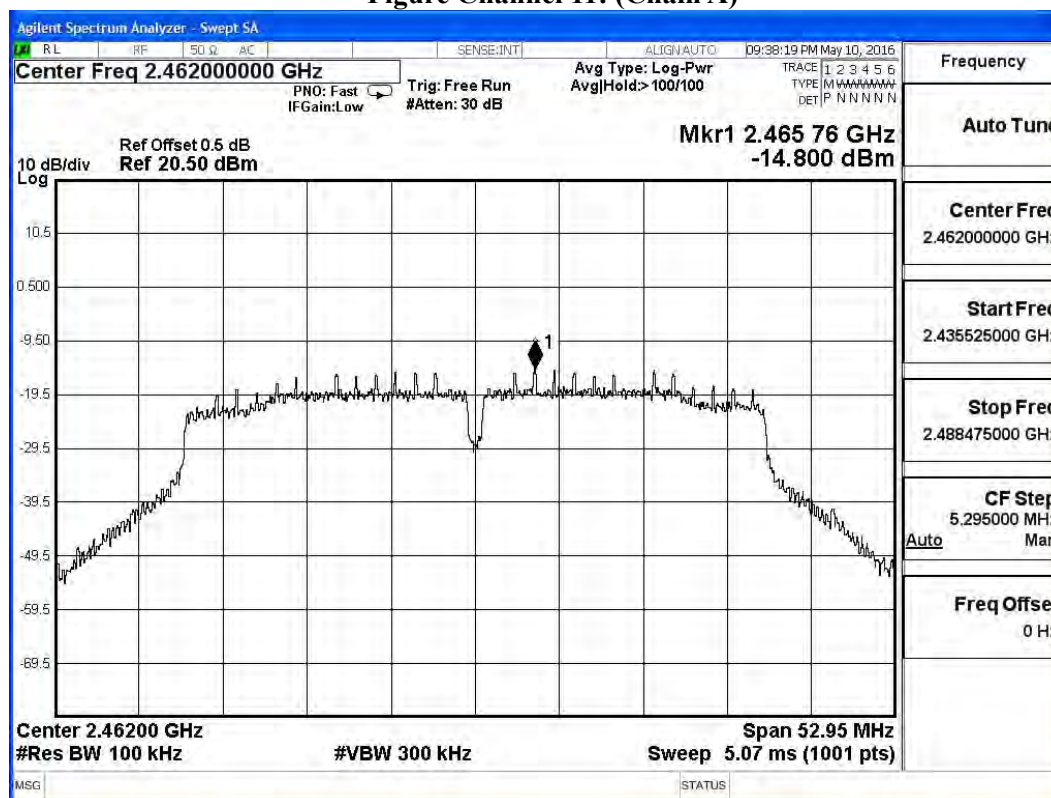
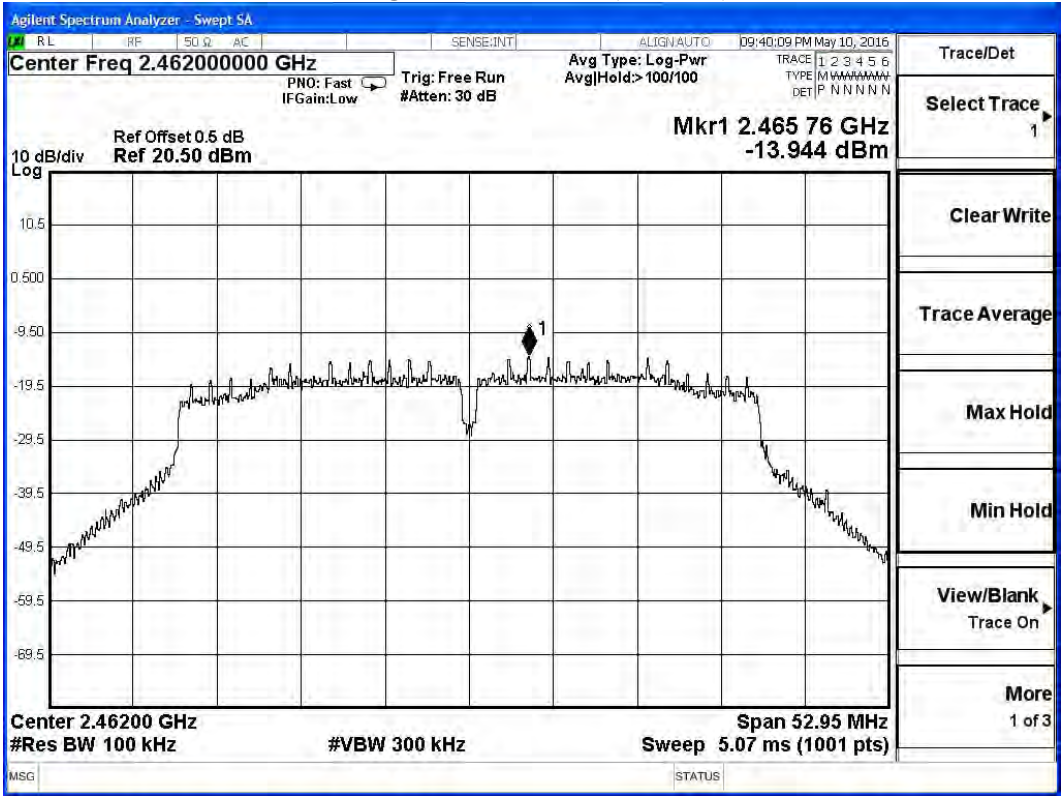


Figure Channel 11: (Chain B)



功率密度測試結果:

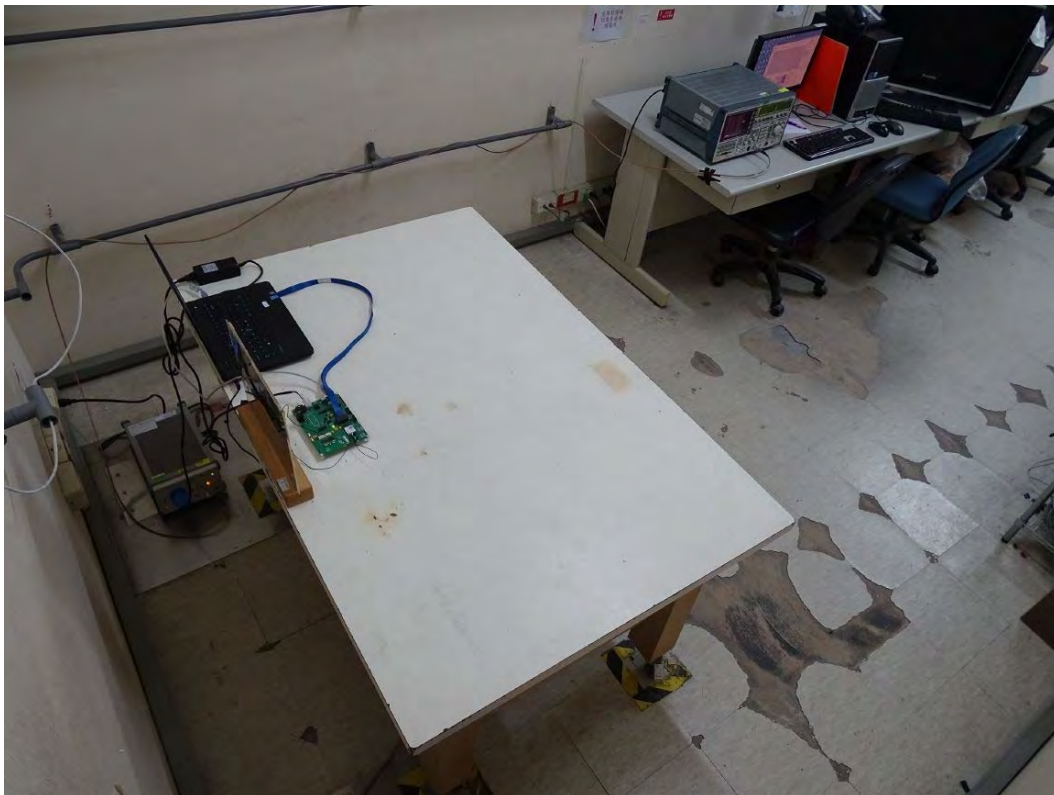
PASS

附件 1: 待測物測試擺設相片

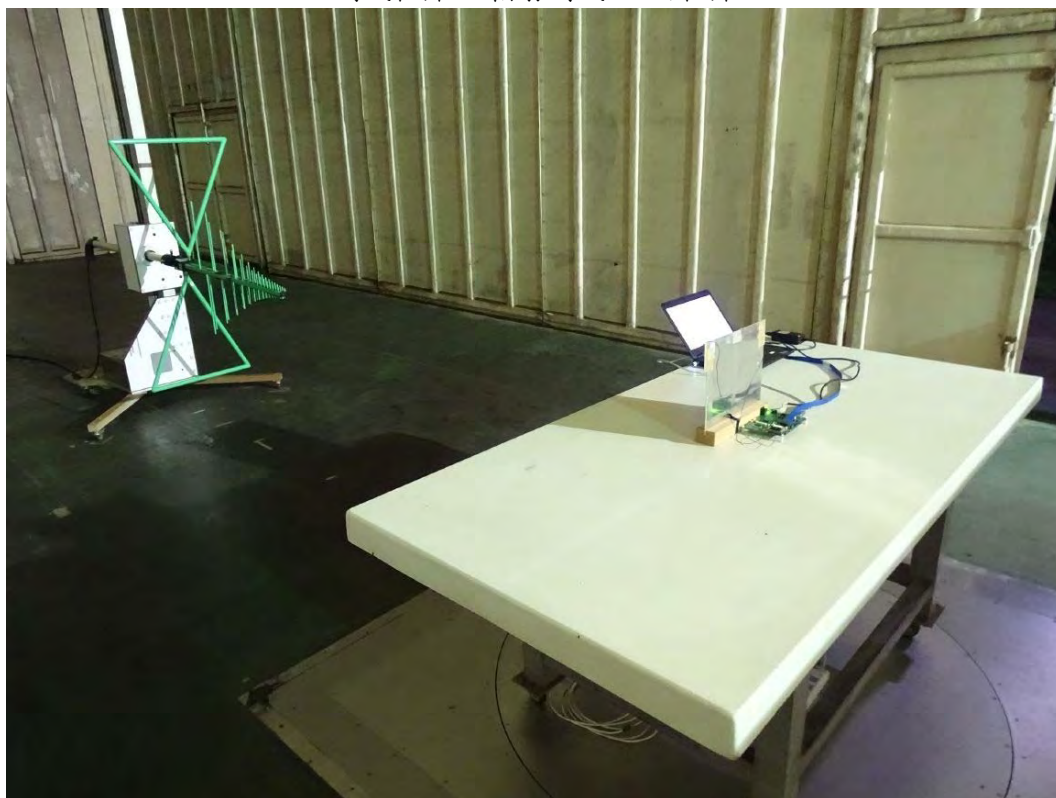
測試相片：電源端點測試 正面相片



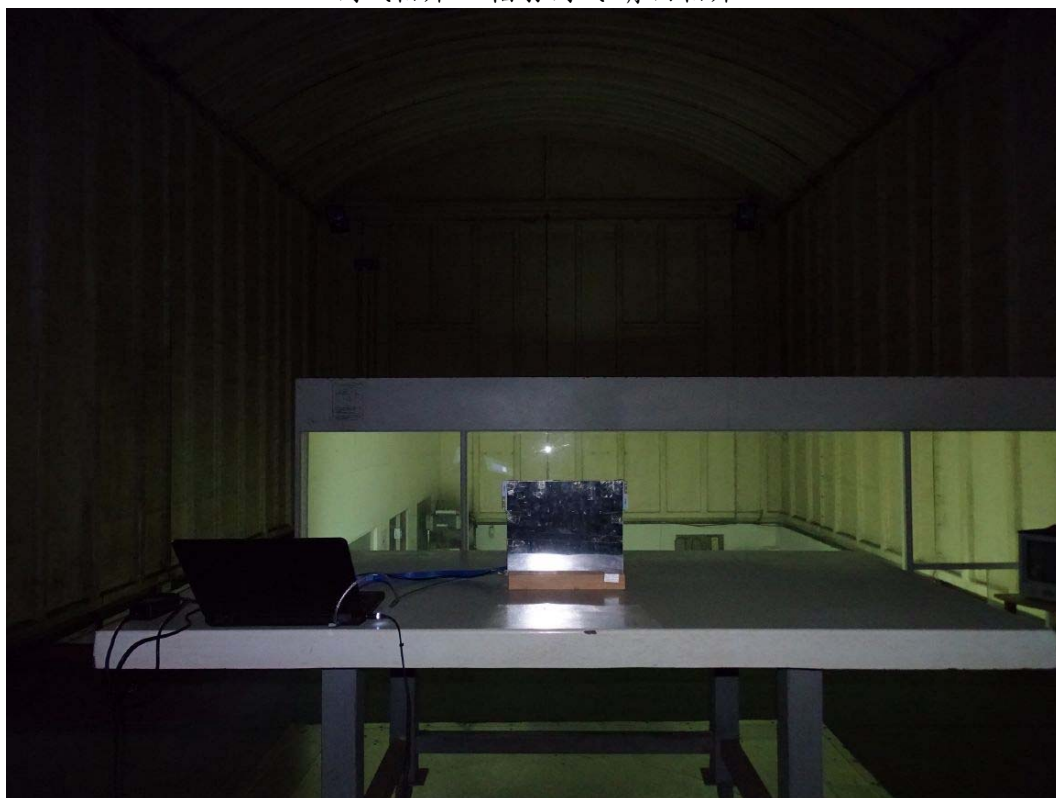
測試相片：電源端點測試 背面相片



測試相片：輻射測試 正面相片



測試相片：輻射測試 背面相片



測試相片：輻射測試 正面相片(Horn)



測試相片：輻射測試 背面相片(Horn)

