

NCC 低功率射頻器材型式試驗報告

產品名稱(中文)	Intel® Dual Band Wireless-AC 7260
型號	7260NGW
廠牌	Intel

申請者	香港商艾司摩爾貿易有限公司台灣分公司
地址	新竹市公道五路三段 1 號 11 樓之 1

受理日期	102 年 01 月 09 日
報告發行日期	110 年 10 月 04 日
報告號碼	2170040R-RFNAOTHV02-E
報告版本	V1.0



本測試報告只針對受測樣品有效。

本測試報告內之測試結果可藉由測試儀器設備之校正報告與本報告內所評估量測不確定度追溯至國家或國際標準。

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對各個測試系統與伴隨的連接設施，所執行的量測項目的量測不確定度，在此提供做為系統資訊的參考，符合性決定不考慮測試系統的不確定度而是基於符合性測試的結果決定。

低功率射頻器材量測報告

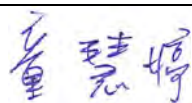
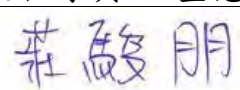
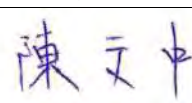
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申請者	香港商艾司摩爾貿易有限公司台灣分公司
地址	新竹市公道五路三段 1 號 11 樓之 1
製造廠商	INTEL CORPORATION SAS
待測物額定電壓	DC 3.3V
待測物測試電壓	DC 3.3V (Power By Test Fixture)
商標或廠牌	Intel
型式號	7260NGW
試驗標準	低功率射頻器材技術規範(109 年 07 月)
試驗結果	符 合

項次	量 測 項 目	標稱規格	測試結果	量測設備	量測不確定度
1	電 源 線 傳 導 干 擾	低功率射頻器材技術規範 3.3 節	PASS	請參閱 2.2 節	請參閱 2.3 節
2	峰 值 輸 出 功 率	低功率射頻器材技術規範 4.10.1.2	PASS		
3	天 線 之 要 求	低功率射頻器材技術規範 4.10.1.3、4 節	PASS	--	--
4	場 強 輻 射	低功率射頻器材技術規範 4.10.1.5 及 3.6 節	PASS	請參閱 2.2 節	請參閱 2.3 節
5	混附發射之 RF 傳導射	低功率射頻器材技術規範 4.10.1.5	PASS		
6	使用頻率範圍外之 100 千赫雜訊	低功率射頻器材技術規範 4.10.1.5 及 3.6 節	PASS		
7	頻 寬 要 求	低功率射頻器材技術規範 4.10.1.6	PASS		
8	發射電功率密度	低功率射頻器材技術規範 4.10.1.6	PASS		
9	Duty Cycle	--	--	--	--
10	以 下 空 白	--	--	--	--

報告製作者	:	
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測試工程師	:	
		高級工程師 / 莊駿朋
實驗室簽署人	:	
		高級工程師 / 陳文中

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附件 1: 待測物測試擺設相片

附件 2: 產品內部照片-請參考檔案: 2170040R-Product Photos-NCC

Revision History

Report No.	Version	Description	Issued Date
2170040R-RFNAOTHV02-E	V1.0	Initial issue of report.	2021-10-04

1. 基本資料

1.1. 待測物裝置資料

申請者(或公司)	香港商艾司摩爾貿易有限公司台灣分公司
地址	新竹市公道五路三段 1 號 11 樓之 1
製造廠商	INTEL CORPORATION SAS
產品名稱	Intel® Dual Band Wireless-AC 7260
商標	Intel
產品型號	7260NGW
頻率範圍	802.11b/g/n-20: 2412-2472MHz, 802.11n-40: 2422-2462MHz
工作頻道	802.11b/g/n-20: 13CH, 802.11n-40: 9CH
調變方式	802.11b: DSSS (DBPSK, DQPSK, CCK) 802.11g/n/ax: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
天線樣式	PIFA Antenna
天線增益	Refer to the table “Antenna List”
頻道控制	Auto

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	SKY CROSS	WTCC-PIFA-REF-1 (Main) WTCC-PIFA-REF-1 (Aux)	PIFA Antenna	3.24dBi for 2.4GHz

1.2. 待測裝置驗證說明

1. 待測裝置規格說明：

待測物為 Intel® Dual Band Wireless-AC 7260，內建了 Wi-Fi 和 Bluetooth 功能，此報告為 2.4GHz Wi-Fi 的測試報告；天線為 PIFA Antenna，悉採 2.4GHz 為載波，利用直接序列展頻調變方式(802.11b：1 – 11Mbps)與數位調變方式(802.11g：6 – 54Mbps, 802.11n：14.4-144.4Mbps using 20MHz channel, 802.11n：30-300Mbps using 40MHz channel)來傳送訊號，頻道 1、7、11、12、13 (802.11b/g/n-20MHz)、頻道 3、7、9、10、11 (802.11n-40MHz)被選擇為測試頻道，速率 1Mbps (802.11b)與 6Mbps (802.11g)與 14.4Mbps (802.11n-20BW)與 30Mbps (802.11n-40BW)被選擇為測試傳輸速率，結果顯示於此份報告中。

本報告為複製報告，在原申請人(INTEL CORPORATION SAS)的同意下，授權香港商艾司摩爾貿易有限公司台灣分公司使用原始測試數據，原始報告編號為: 2170673R-RFTWWL2V01，本次僅變更申請者，射頻功能無變動，其輸出功率均符合原型式認證。

(1) 待測裝置為同一體。

(2) 發射體主要功能特性有：

<1> 待測裝置利用無線電波，分別借由無線電波，傳送及接收，達到資料傳送之目的。

<2> 待測裝置傳送訊號，使用 2.4GHz 為載波頻率，利用直接序列展頻調變方式與數位調變方式來傳送訊號，且其天線為 PIFA Antenna。

<3> 基本發射工作頻率範圍 2.412-2.472GHz.

<4> 802.11b/g/n-20MHz 共計 13 個工作頻道，工作頻道頻率為：

頻道	頻率	頻道	頻率	頻道	頻率
Channel 1:	2412 MHz	Channel 2:	2417 MHz	Channel 3:	2422 MHz
Channel 4:	2427 MHz	Channel 5:	2432 MHz	Channel 6:	2437 MHz
Channel 7:	2442 MHz	Channel 8:	2447 MHz	Channel 9:	2452 MHz
Channel 10:	2457 MHz	Channel 11:	2462 MHz	Channel 12:	2467 MHz
Channel 13:	2472 MHz				

802.11n-40MHz 共計 9 個工作頻道，工作頻道頻率為：

頻道	頻率	頻道	頻率	頻道	頻率
Channel 3:	2422 MHz	Channel 4:	2427 MHz	Channel 5:	2432 MHz
Channel 6:	2437 MHz	Channel 7:	2442 MHz	Channel 8:	2447 MHz
Channel 9:	2452 MHz	Channel 10:	2457 MHz	Channel 11:	2462 MHz

<5> 頻道切換方式：採自動切換控制方式。

<6> 調變方式：採 DSSS 和 OFDM 調變方式。

<7> 傳輸速率：802.11b: 1 – 11Mbps。

802.11g: 6 – 54Mbps。

802.11n: 14.4-144.4Mbps using 20MHz channel。

802.11n: 30-300Mbps using 40MHz channel。

<8> 測試電壓：DC 3.3V (Power By Test Fixture)。

<9> 測試軟體：DRTU (Ver 1.7.7-U1556)。

Parameters of test software setting SISO A

Frequency	2412MHz	2442MHz	2462MHz	2467MHz	2472MHz
IEEE 802.11b	17	16.5	16	16	14
IEEE 802.11g	14	17	14.5	14	2.5

Parameters of test software setting SISO B

Frequency	2412MHz	2442MHz	2462MHz	2467MHz	2472MHz
IEEE 802.11b	17	16.5	16.5	16.5	14.5
IEEE 802.11g	14	17	15	14.5	2.5

Parameters of test software setting MIMO

Frequency	2412MHz	2442MHz	2462MHz	2467MHz	2472MHz
IEEE 802.11n-20	13	14.5	13.5	13.5	0.5

Frequency	2422MHz	2442MHz	2452MHz	2457MHz	2462MHz
IEEE 802.11n-40	9.5	13.5	13.5	13	1

3 待測裝置測試之試驗條件

待測裝置依功能特性，執行下列電磁干擾驗證測試。

測試模式：	Mode 1: SISO A: 發射器 802.11b Mode 2: SISO A: 發射器 802.11g Mode 3: SISO A: 發射器 802.11n (20MHz) Mode 4: SISO A: 發射器 802.11n (40MHz) Mode 5: SISO B: 發射器 802.11b Mode 6: SISO B: 發射器 802.11g Mode 7: SISO B: 發射器 802.11n (20MHz) Mode 8: SISO B: 發射器 802.11n (40MHz) Mode 9: MIMO: 發射器 802.11n (20MHz) Mode 10: MIMO: 發射器 802.11n (40MHz) Mode 11: SISO A: 接收器 802.11g Mode 12: MIMO: 接收器 802.11n (40MHz)
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Note: DEKRA has evaluated each test mode. Only the worst case is shown in the report.

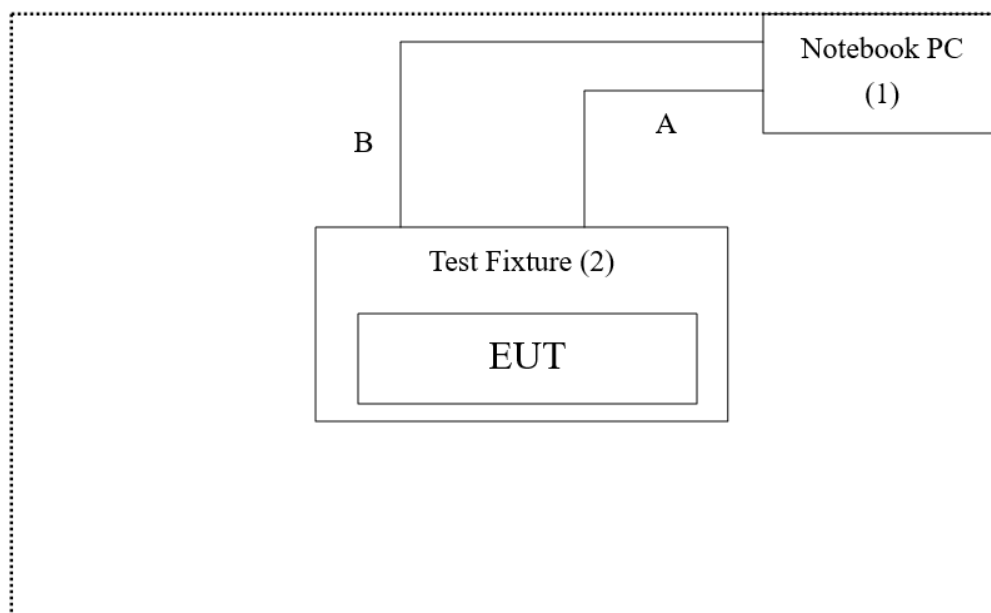
1.3. 系統測試時之週邊裝置

待測裝置測試時，其搭配系統測試時之週邊裝置包括下列：

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	Notebook PC	DELL	E6430	N/A	Non-Shielded,1.8m
2	Test Fixture	Intel	PCB00390	N/A	N/A

Signal Cable Type	Manufacturer	Model No.	Signal cable Description
A	Signal Cable	Intel	Cable_02
B	USB Cable	Intel	Cable_03

1.4. 測試系統組合圖



1.5. 待測裝置測試時之典型操作程序

1.	測試配置如上圖 1.4 所示
2.	執行 DRTU (Ver 1.7.7-U1556)控制發射
3.	設定所要測試之模式、頻道及速率
4.	確認訊號為持續發射狀態模式，無誤後開始測試

2. 測試實驗室資料

2.1. 試驗單位與週遭環境

實驗室環境條件:

Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	10~40 °C	23.0 °C
	Humidity (%RH)	10~90 %	50.0 %
Radiated Emission	Temperature (°C)	10~40 °C	23.8 °C
	Humidity (%RH)	10~90 %	65.3 %
Conductive	Temperature (°C)	10~40 °C	24.5 °C
	Humidity (%RH)	10~90 %	55.9 %

財團法人全國認證基金會 認證

特定服務計畫：通訊傳播設備測試實驗室認證服務計畫

初次認證日期：一百零三年十月二十四日

認證有效期間：一百零九年十二月十三日起至一百一十二年十二月十二日止

認可測試領域：低功率射頻器材(工作頻率9kHz to 325GHz)

認可編號：3023

測試實驗室：德凱認證股份有限公司

測試實驗室地址：桃園市龜山區華亞一路26號

電話號碼：+886-3-275-7255

傳真號碼：+866-3-327-5505

電子郵件信箱：info.tw@dekra.com

公司網站：<http://www.dekra.com.tw>

2.2. 測試設備明細

For Conduction measurements /SH1

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
	EMI Test Receiver	R&S	ESR7	102260	2020.12.28	2021.12.27
	Two-Line V-Network	R&S	ENV216	101306	2021.04.08	2022.04.07
	Two-Line V-Network	R&S	ENV216	101307	2021.05.04	2022.05.03
	Coaxial Cable	DEKRA	RG400_BNC	RF001	2021.05.24	2022.05.23

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version : DEKRA Testing System V2.0

For Conducted measurements /SH2

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
X	Spectrum Analyzer	R&S	FSV30	103464	2021.03.25	2022.03.24
X	Power Meter	Anritsu	ML2496A	1548002	2021.02.24	2022.02.23
X	Power Sensor	Anritsu	MA2411B	1531023	2021.02.24	2022.02.23
X	Power Sensor	Anritsu	MA2411B	1531022	2021.02.24	2022.02.23

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version : DEKRA Conduction Test System V9.0.5

For Radiated measurements / 966-2

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
	Loop Antenna	AMETEK	HLA6121	56736	2021.04.14	2022.04.13
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-678	2020.09.04	2021.09.03
X	Horn Antenna	ETS-Lindgren	3117	00203799	2020.12.22	2021.12.21
X	Horn Antenna	Com-Power	AH-840	101101	2021.06.08	2022.06.07
X	Pre-Amplifier	EMCI	EMC001330	980302	2021.07.26	2022.07.25
X	Pre-Amplifier	EMCI	EMC001330	980254	2021.01.20	2022.01.19
X	Pre-Amplifier	EMCI	EMC051835SE	980312	2021.02.24	2022.02.23
X	Pre-Amplifier	EMCI	EMC05820SE	980361	2020.12.21	2021.12.20
	Pre-Amplifier	EMCI	EMC184045SE	980369	2021.04.27	2022.04.26
X	Filter	MICRO TRONICS	BRM50702	G251	2020.09.17	2021.09.16
	Filter	MICRO TRONICS	BRM50716	G188	2020.09.17	2021.09.16
X	EMI Test Receiver	R&S	ESR	102793	2020.12.17	2021.12.16
X	Spectrum Analyzer	R&S	FSV3044	101115	2021.02.03	2022.02.02
X	Coaxial Cable	SUHNER	SUCOFLEX 106	RF002	2021.03.03	2022.03.02
	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2021.06.25	2022.06.24

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version : DEKRA Testing System V2.0

2.3. 量測不確定度

不確定度已根據 DEKRA 內部文件進行了計算，並在本報告的每個測試章節中進行了描述。

報告的擴展不確定性是基於標準不確定性乘以 $k=2$ 的覆蓋因子得出的，置信度約為 95 %。

對各個測試系統與伴隨的連接設施，所執行的量測項目的量測不確定度，在此提供做為系統資訊的參考，符合性決定不考慮測試系統的不確定度而是基於符合性測試的結果。

Test item	Uncertainty	
電源端點干擾測試	±3.42 dB	
峰值輸出功率	±0.91 dB	
輻射干擾測試	Under 1GHz ±4.06 dB	Above 1GHz ±3.73 dB
混附發射之 RF 傳導發射	±2.53 dB	
使用頻率範圍外之任意 100 千赫雜訊	±2.53 dB	
佔用頻道寬度	±682.83 Hz	
發射電功率密度	±2.53 dB	
Duty Cycle	±2.31 ms	

3. 電源端點干擾測試

3.1. 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 3.3 節，以市電為電源之低功率射頻器材，其傳導回電源線上頻率自 150 kHz~30 百萬赫(MHz)之射頻電壓(在電源端子每一電源線對接地點)應小於或等於下表所列之限制值。測量時應經過 50 微亨利(uH)及 50 歐姆(Ω)之電源線阻抗穩定網路(Line Impedance Stabilization Network；LISN)。頻率重疊處，以較低限制值為準。

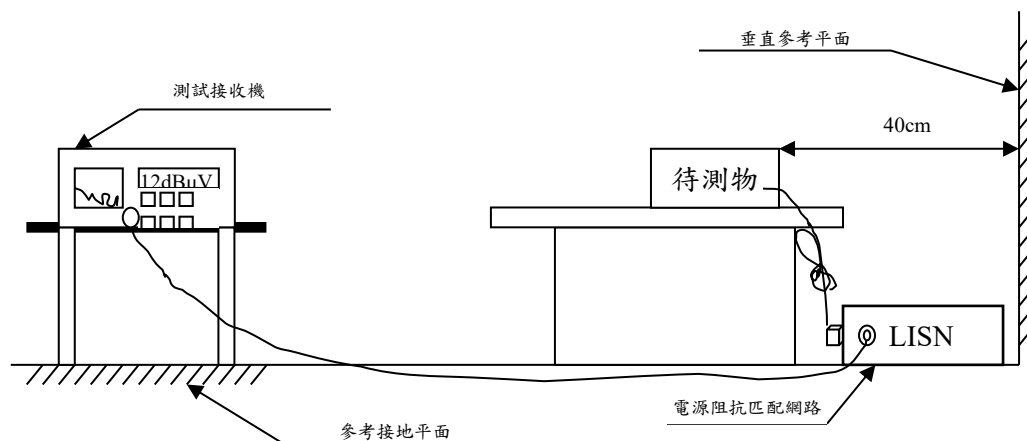
Frequency 頻率範圍 MHz	傳導限制值(dB μ V)	
	準峰值	平均值
0.15 - 0.50	66-56 _(註)	56-46 _(註)
0.50-5.0	56	46
5.0 - 30	60	50

註:隨頻率之對數遞減

3.2. 量測方法

待測物置於高 80 公分之非導體桌面（落地型產品置於地上），將待測物之電源線接至電源阻抗網路器(LISN)，同時保持待測物至 LISN 距 80 公分，並將電源線多餘部份以 30 至 40 公分之八字形捆綁於電源線中央，於在正常工作狀態下，執行待測物之火線及地線各一次量測。電源端點場強之測量範圍由 0.15MHz–30MHz，所量測之讀值皆為準尖峰值(Quasi-Peak Value)及平均值(Average Value)。場強接收機之解析頻寬為 10kHz。

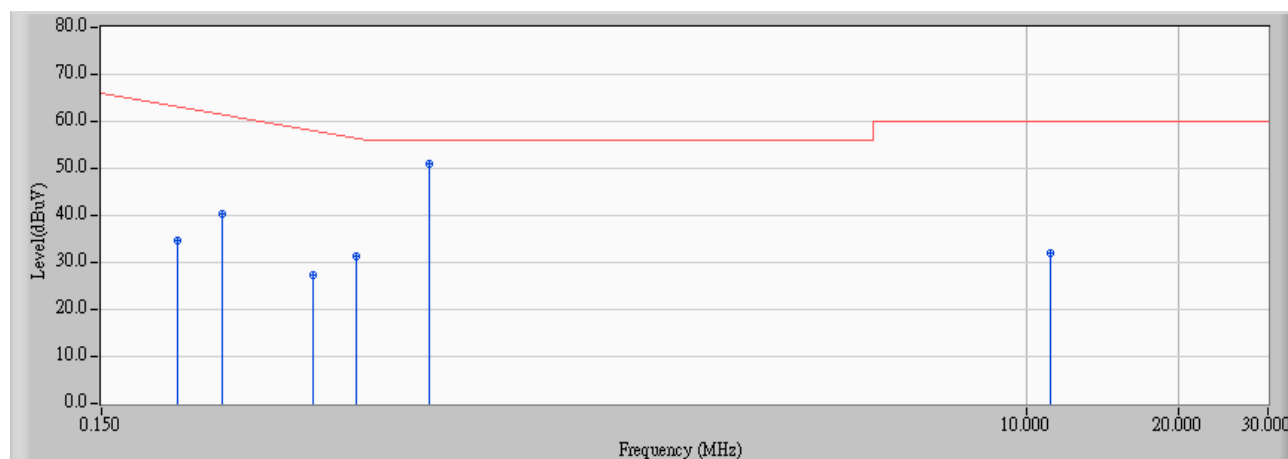
3.3. 測試架構圖



Note: 經初測驗證過，電源端點干擾測試對測試頻道數並無差異，因此檢附其中一個測試頻道之測試數據。

3.4. 電源端點測試結果

Site : SR8	Time : 2013/01/24 - 23:21
Limit : CISPR_B_00M_QP	Margin : 0
EUT : Intel® Dual Band Wireless-AC 7260	Probe : ENV216_L1 - Line1
Power : AC 110V/60Hz	Note : Mode 10: MIMO: 發射器 802.11n (40MHz), 2437MHz

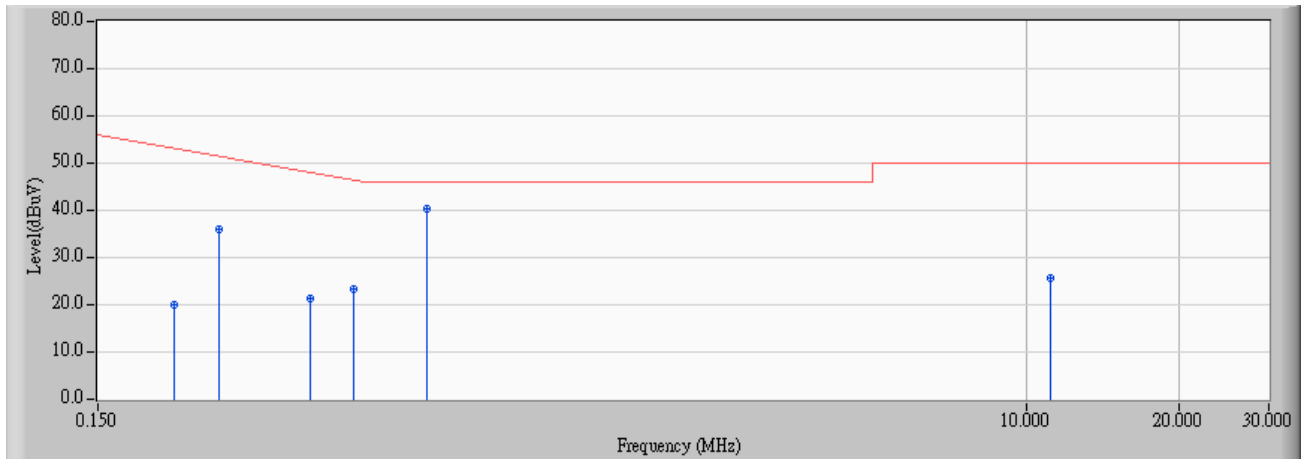


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.212	9.790	24.730	34.520	-29.709	64.229	QUASIPeAK
2		0.259	9.790	30.660	40.450	-22.436	62.886	QUASIPeAK
3		0.392	9.790	17.690	27.480	-31.606	59.086	QUASIPeAK
4		0.478	9.790	21.630	31.420	-25.209	56.629	QUASIPeAK
5	*	0.666	9.790	41.240	51.030	-4.970	56.000	QUASIPeAK
6		11.181	10.003	22.020	32.023	-27.977	60.000	QUASIPeAK

Note:

1. “*” means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor.
3. Margin = Emission Level – Limit.
4. Correct Factor = LISN insertion loss + Cable loss.

Site : SR8	Time : 2013/01/24 - 23:21
Limit : CISPR_B_00M_AV	Margin : 0
EUT : Intel® Dual Band Wireless-AC 7260	Probe : ENV216_L1 - Line1
Power : AC 110V/60Hz	Note : Mode 10: MIMO: 發射器 802.11n (40MHz), 2437MHz

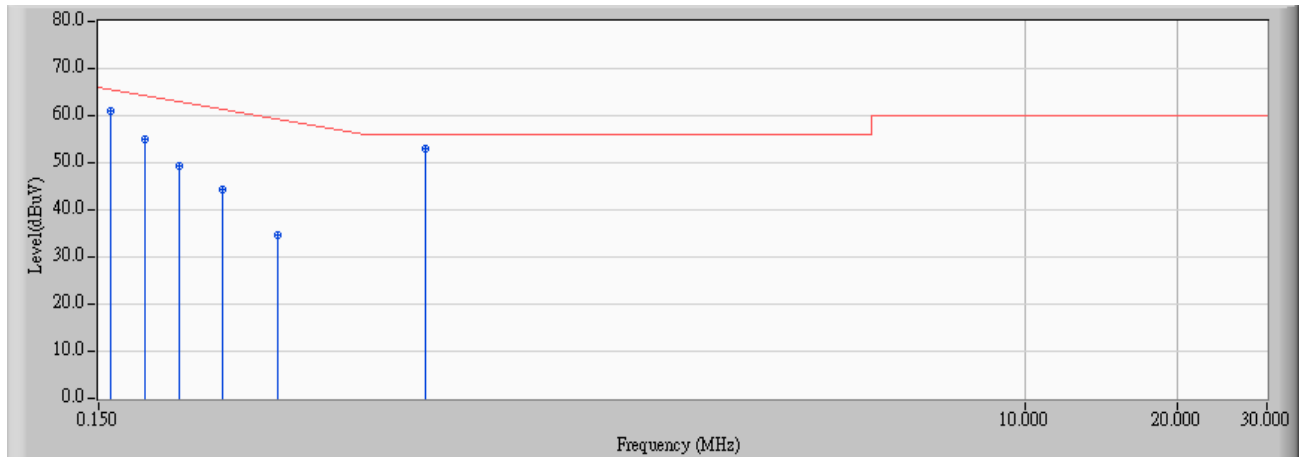


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.212	9.790	10.160	19.950	-34.279	54.229	AVERAGE
2		0.259	9.790	26.050	35.840	-17.046	52.886	AVERAGE
3		0.392	9.790	11.700	21.490	-27.596	49.086	AVERAGE
4		0.478	9.790	13.430	23.220	-23.409	46.629	AVERAGE
5	*	0.666	9.790	30.650	40.440	-5.560	46.000	AVERAGE
6		11.181	10.003	15.540	25.543	-24.457	50.000	AVERAGE

Note:

1. “*” means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor.
3. Margin = Emission Level – Limit.
4. Correct Factor = LISN insertion loss + Cable loss.

Site : SR8	Time : 2013/01/24 - 23:54
Limit : CISPR_B_00M_QP	Margin : 0
EUT : Intel® Dual Band Wireless-AC 7260	Probe : ENV216_N - Line2
Power : AC 110V/60Hz	Note : Mode 10: MIMO: 發射器 802.11n (40MHz), 2437MHz

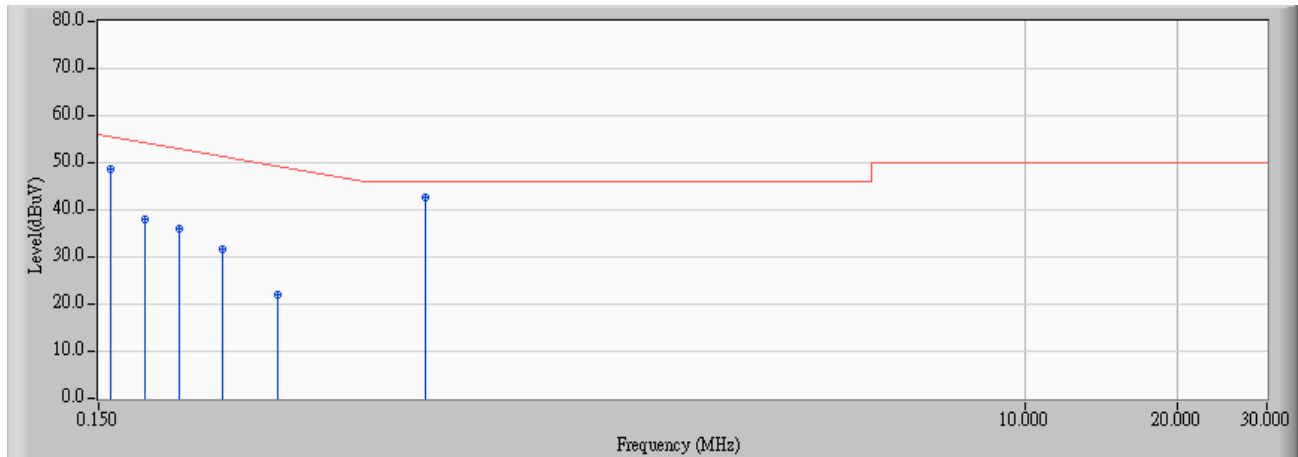


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.770	51.160	60.930	-4.841	65.771	QUASIPeAK
2		0.185	9.770	45.300	55.070	-9.930	65.000	QUASIPeAK
3		0.216	9.770	39.600	49.370	-14.744	64.114	QUASIPeAK
4		0.263	9.770	34.520	44.290	-18.481	62.771	QUASIPeAK
5		0.338	9.770	24.920	34.690	-25.939	60.629	QUASIPeAK
6	*	0.662	9.770	43.170	52.940	-3.060	56.000	QUASIPeAK

Note:

1. “*” means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor.
3. Margin = Emission Level – Limit.
4. Correct Factor = LISN insertion loss + Cable loss.

Site : SR8	Time : 2013/01/24 - 23:54
Limit : CISPR_B_00M_AV	Margin : 0
EUT : Intel® Dual Band Wireless-AC 7260	Probe : ENV216_N - Line2
Power : AC 110V/60Hz	Note : Mode 10: MIMO: 發射器 802.11n (40MHz), 2437MHz

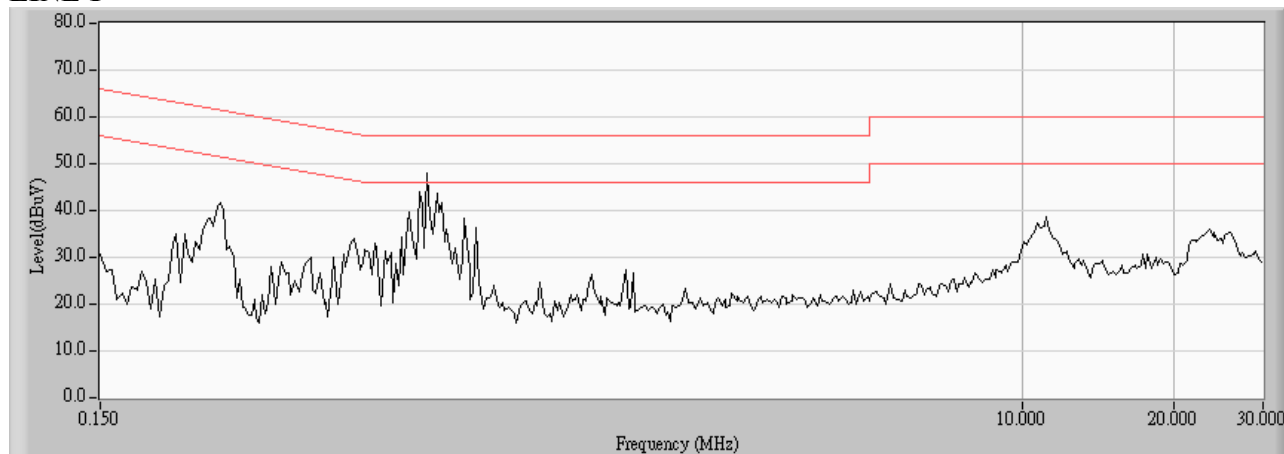


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.770	39.020	48.790	-6.981	55.771	AVERAGE
2		0.185	9.770	28.300	38.070	-16.930	55.000	AVERAGE
3		0.216	9.770	26.390	36.160	-17.954	54.114	AVERAGE
4		0.263	9.770	21.940	31.710	-21.061	52.771	AVERAGE
5		0.338	9.770	12.130	21.900	-28.729	50.629	AVERAGE
6	*	0.662	9.770	32.880	42.650	-3.350	46.000	AVERAGE

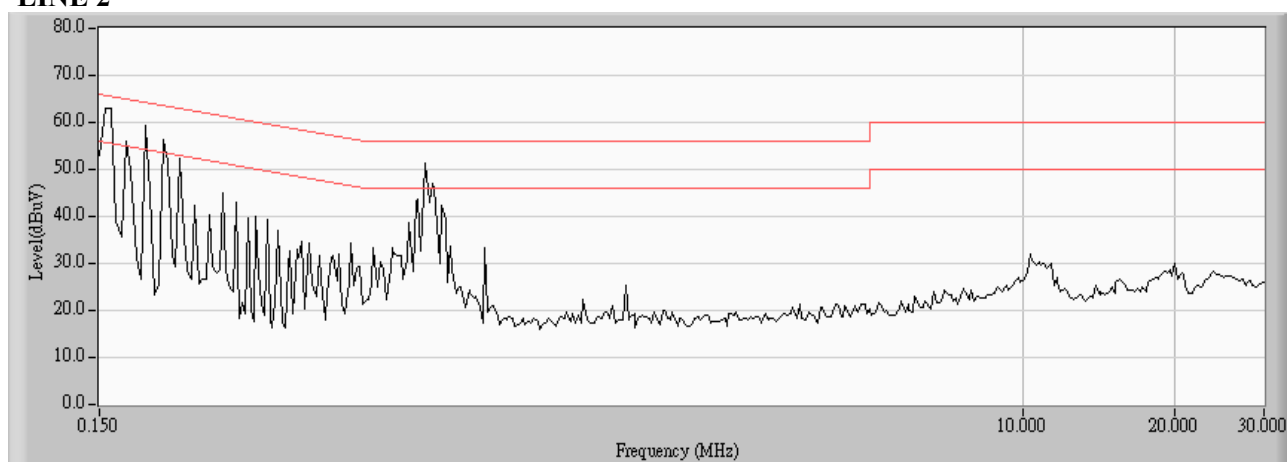
Note:

1. “*” means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor.
3. Margin = Emission Level – Limit.
4. Correct Factor = LISN insertion loss + Cable loss.

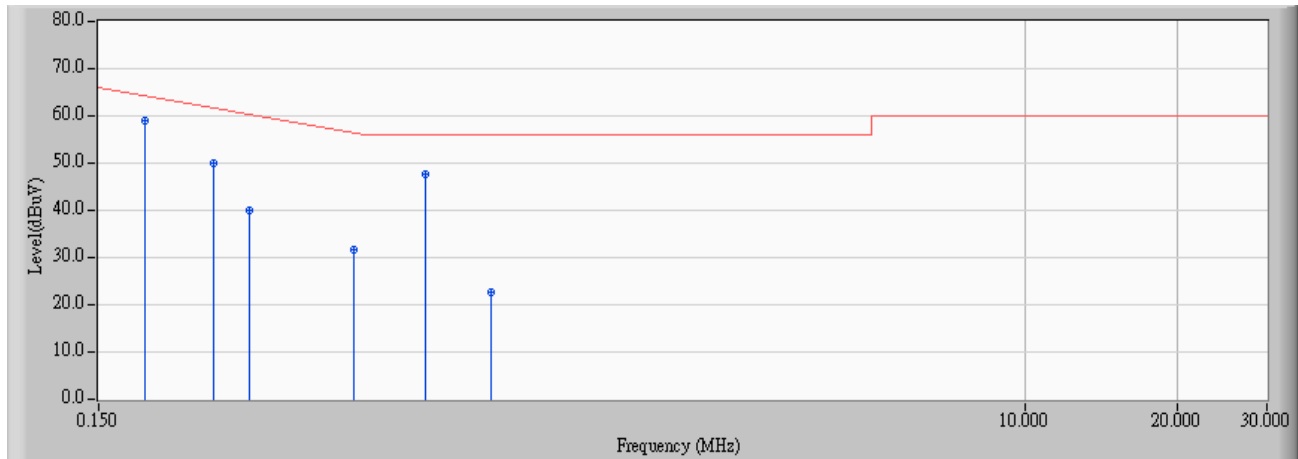
LINE 1



LINE 2



Site : SR8	Time : 2013/01/24 - 23:41
Limit : CISPR_B_00M_QP	Margin : 0
EUT : Intel® Dual Band Wireless-AC 7260	Probe : ENV216_L1 - Line1
Power : AC 110V/60Hz	Note : Mode 12: MIMO: 接收器 802.11n (40MHz), 2437MHz

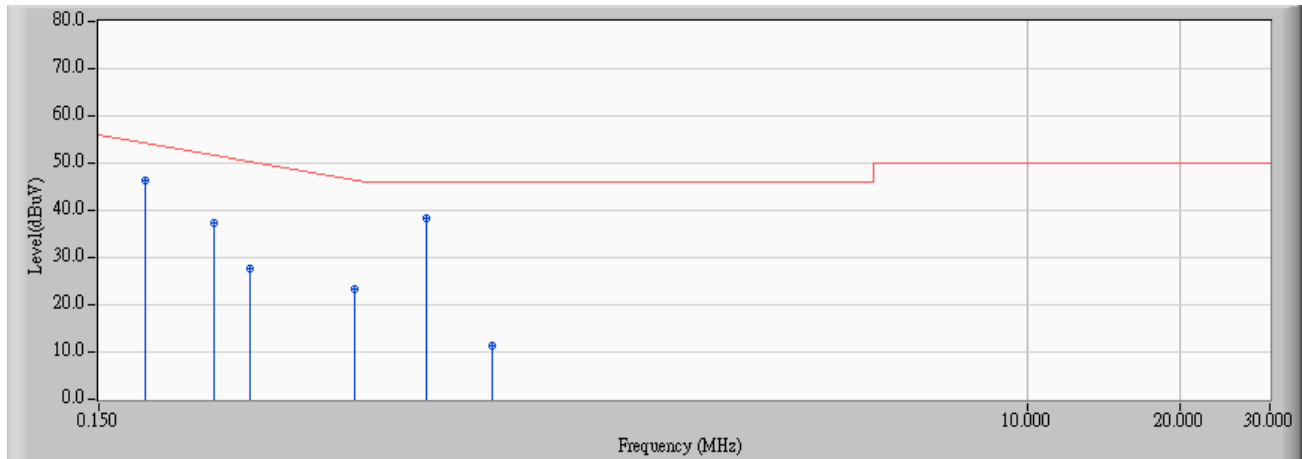


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.185	9.790	49.370	59.160	-5.840	65.000	QUASIPeAK
2		0.252	9.790	40.050	49.840	-13.246	63.086	QUASIPeAK
3		0.298	9.790	30.090	39.880	-21.891	61.771	QUASIPeAK
4		0.478	9.790	22.010	31.800	-24.829	56.629	QUASIPeAK
5		0.662	9.790	37.760	47.550	-8.450	56.000	QUASIPeAK
6		0.892	9.790	13.000	22.790	-33.210	56.000	QUASIPeAK

Note:

1. “*” means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor.
3. Margin = Emission Level – Limit.
4. Correct Factor = LISN insertion loss + Cable loss.

Site : SR8	Time : 2013/01/24 - 23:41
Limit : CISPR_B_00M_AV	Margin : 0
EUT : Intel® Dual Band Wireless-AC 7260	Probe : ENV216_L1 - Line1
Power : AC 110V/60Hz	Note : Mode 12: MIMO: 接收器 802.11n (40MHz), 2437MHz

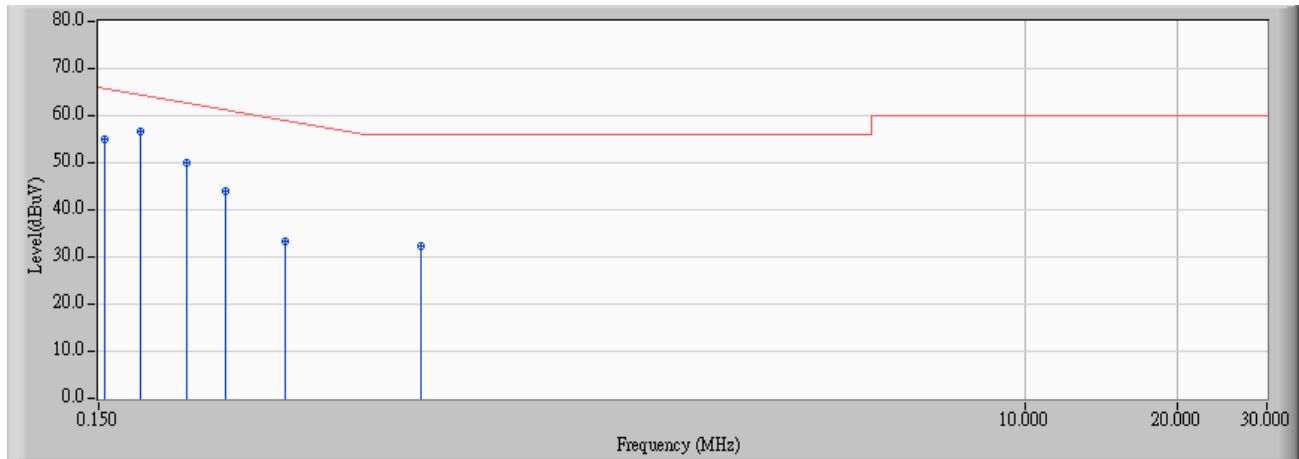


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.185	9.790	36.550	46.340	-8.660	55.000	AVERAGE
2		0.252	9.790	27.460	37.250	-15.836	53.086	AVERAGE
3		0.298	9.790	17.760	27.550	-24.221	51.771	AVERAGE
4		0.478	9.790	13.520	23.310	-23.319	46.629	AVERAGE
5	*	0.662	9.790	28.540	38.330	-7.670	46.000	AVERAGE
6		0.892	9.790	1.450	11.240	-34.760	46.000	AVERAGE

Note:

1. “ * “ means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor.
3. Margin = Emission Level – Limit.
4. Correct Factor = LISN insertion loss + Cable loss.

Site : SR8	Time : 2013/01/25 - 00:08
Limit : CISPR_B_00M_QP	Margin : 0
EUT : Intel® Dual Band Wireless-AC 7260	Probe : ENV216_N - Line2
Power : AC 110V/60Hz	Note : Mode 12: MIMO: 接收器 802.11n (40MHz), 2437MHz

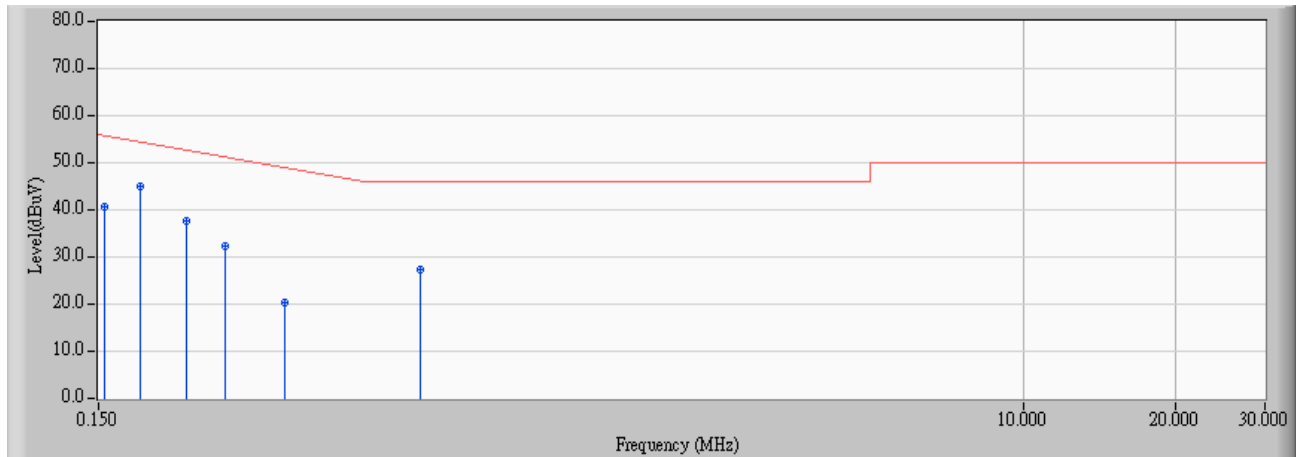


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.770	45.270	55.040	-10.846	65.886	QUASIPeAK
2	*	0.181	9.770	47.000	56.770	-8.344	65.114	QUASIPeAK
3		0.224	9.770	40.390	50.160	-13.726	63.886	QUASIPeAK
4		0.267	9.770	34.170	43.940	-18.717	62.657	QUASIPeAK
5		0.349	9.770	23.660	33.430	-26.884	60.314	QUASIPeAK
6		0.646	9.770	22.560	32.330	-23.670	56.000	QUASIPeAK

Note:

1. “*” means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor.
3. Margin = Emission Level – Limit.
4. Correct Factor = LISN insertion loss + Cable loss.

Site : SR8	Time : 2013/01/25 - 00:08
Limit : CISPR_B_00M_AV	Margin : 0
EUT : Intel® Dual Band Wireless-AC 7260	Probe : ENV216_N - Line2
Power : AC 110V/60Hz	Note : Mode 12: MIMO: 接收器 802.11n (40MHz), 2437MHz

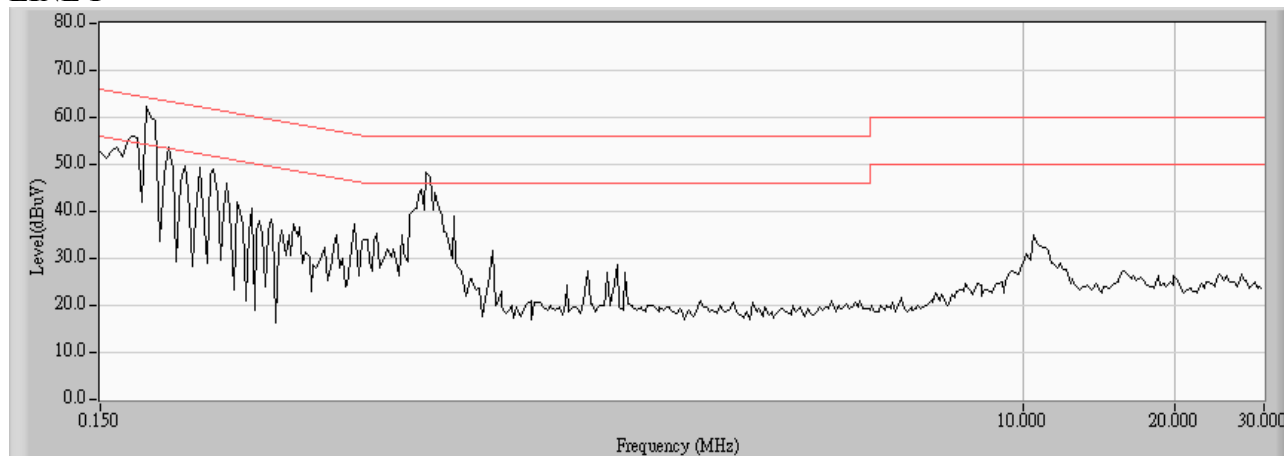


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.770	30.810	40.580	-15.306	55.886	AVERAGE
2	*	0.181	9.770	35.360	45.130	-9.984	55.114	AVERAGE
3		0.224	9.770	27.750	37.520	-16.366	53.886	AVERAGE
4		0.267	9.770	22.490	32.260	-20.397	52.657	AVERAGE
5		0.349	9.770	10.560	20.330	-29.984	50.314	AVERAGE
6		0.646	9.770	17.620	27.390	-18.610	46.000	AVERAGE

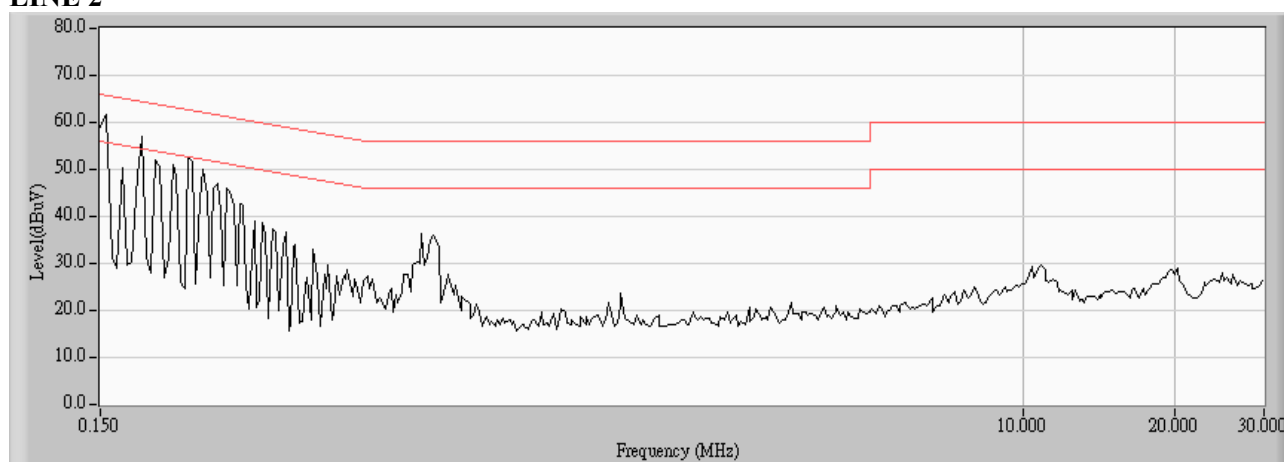
Note:

1. “*” means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor.
3. Margin = Emission Level – Limit.
4. Correct Factor = LISN insertion loss + Cable loss.

LINE 1



LINE 2



電源端點干擾電壓測試結果:

PASS

4. 峰值輸出功率

4.1. 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 4.10.1.2 節，操作於 2400-2483.5 兆赫(MHz)之至少使用 75 個跳頻頻道之跳頻系統、數位調變技術系統與 5725-5850 兆赫(MHz)之所有跳頻系統：1 瓦(W)(含)以下。

依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.3 節，用於非固定式點對點操作時，若其發射天線之方向性增益超過 6dBi，應依所超過之 dB 數等量降低峰值輸出功率。如用於固定式點對點^(註)操作時，應符合下列情形之一：

操作於 2400-2483.5 兆赫(MHz)者，其發射天線之方向性增益超過 6dBi，應於每超過 3dB 降低 1dB 之峰值輸出功率。

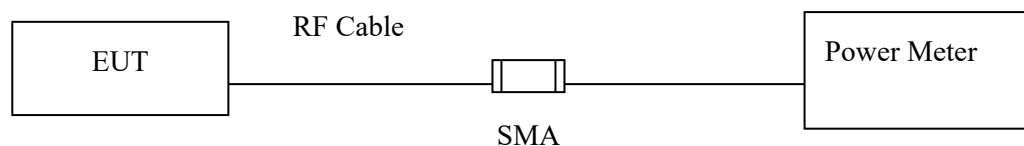
操作於 5725-5850 兆赫(MHz)者，其發射天線之方向性增益超過 6dBi，不需降低峰值輸出功率。

註：固定式點對點操作使用方式，並不包括使用點對多點之系統、全向性之應用以及發射相同資訊之共同安裝的多重發射機。展頻或數位調變之發射器需要專業安裝，該設備操作者或安裝者有責任確認該系統是限用於固定式、點對點之操作，隨機所附之使用手冊必須包含此訊息以告知使用者或安裝者須負之責任。

4.2. 量測方法

待測物之天線埠經由適當之衰減直接連至 Power Meter RF 輸入端量測 Maximum peak conducted output power，若量測 Maximum conducted (average) output power 時將使用 Power Meter 內建 gate 功能。

4.3. 測試架構圖



4.4. 峰值輸出功率測試結果

待測物名稱： Intel® Dual Band Wireless-AC 7260

待測物型號： 7260NGW

測試項目： 峰值輸出功率

測試頻道： CH 01,07,11,12,13

測試模式： Mode 1: SISO A: 發射器 802.11b

測試日期： 110 年 08 月 13 日

檢測器： 峰值

Channel No	Frequency (MHz)	Peak Power Output (dBm)						
		Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11			
01	2412	15.97	--	--	--	18.61	<30dBm	Pass
07	2442	15.89	15.83	15.77	15.72	18.52	<30dBm	Pass
11	2462	15.79	--	--	--	18.42	<30dBm	Pass
12	2467	15.75	--	--	--	18.4	<30dBm	Pass
13	2472	14.01	--	--	--	16.67	<30dBm	Pass

Note: 此項量測係採 Power Meter, 大於 6dB 之發射頻寬。

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試項目：峰值輸出功率

測試頻道：CH 01,07,11,12,13

測試模式：Mode 2: SISO A: 發射器 802.11g

測試日期：110 年 08 月 13 日

檢測器：峰值

Channel No	Frequency (MHz)	Peak Power Output (dBm)										Required Limit	Result
		Average Power								Peak Power			
		For different Data Rate (Mbps)											
		6	9	12	18	24	36	48	54	6			
01	2412	13.27	--	--	--	--	--	--	--	18.56	<30dBm	Pass	
07	2442	16.02	15.98	15.92	15.88	15.84	15.80	15.76	15.69	21.06	<30dBm	Pass	
11	2462	14.26	--	--	--	--	--	--	--	19.62	<30dBm	Pass	
12	2467	13.8	--	--	--	--	--	--	--	19.13	<30dBm	Pass	
13	2472	2.19	--	--	--	--	--	--	--	7.57	<30dBm	Pass	

Note: 此項量測係採 Power Meter, 大於 6dB 之發射頻寬。

待測物名稱: Intel® Dual Band Wireless-AC 7260

待測物型號: 7260NGW

測試項目: 峰值輸出功率

測試頻道: CH 01,07,11,12,13

測試模式: Mode 5: SISO B: 發射器 802.11b

測試日期: 110 年 08 月 13 日

檢測器: 峰值

Channel No	Frequency (MHz)	Peak Power Output (dBm)						
		Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11			
01	2412	15.96	--	--	--	18.56	<30dBm	Pass
07	2442	15.65	15.58	15.52	15.48	18.29	<30dBm	Pass
11	2462	15.67	--	--	--	18.28	<30dBm	Pass
12	2467	15.68	--	--	--	18.27	<30dBm	Pass
13	2472	13.71	--	--	--	16.38	<30dBm	Pass

Note: 此項量測係採 Power Meter, 大於 6dB 之發射頻寬。

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試項目：峰值輸出功率

測試頻道：CH 01,07,11,12,13

測試模式：Mode 6: SISO B: 發射器 802.11g

測試日期：110 年 08 月 13 日

檢測器：峰值

Channel No	Frequency (MHz)	Peak Power Output (dBm)										Required Limit	Result
		Average Power								Peak Power			
		For different Data Rate (Mbps)											
		6	9	12	18	24	36	48	54	6			
01	2412	13.04	--	--	--	--	--	--	--	18.42	<30dBm	Pass	
07	2442	15.53	15.48	15.41	15.35	15.29	15.25	15.21	15.17	20.31	<30dBm	Pass	
11	2462	14.24	--	--	--	--	--	--	--	19.3	<30dBm	Pass	
12	2467	13.79	--	--	--	--	--	--	--	18.98	<30dBm	Pass	
13	2472	2.06	--	--	--	--	--	--	--	7.51	<30dBm	Pass	

Note: 此項量測係採 Power Meter, 大於 6dB 之發射頻寬。

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試項目：峰值發射功率

測試頻道：CH 01,07,11,12,13

測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

測試日期：110 年 08 月 13 日

檢測器：峰值

Chain A

Channel No	Frequency (MHz)	Peak Power Output (dBm)										Required Limit	Result
		Average Power For different Data Rate								Peak Power			
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8			
01	2412	10.55	--	--	--	--	--	--	--	15.97	<30dBm	Pass	
07	2442	12.95	12.88	12.82	12.77	12.72	12.68	12.64	12.58	18.48	<30dBm	Pass	
11	2462	11.7	--	--	--	--	--	--	--	17.23	<30dBm	Pass	
12	2467	11.53	--	--	--	--	--	--	--	17.13	<30dBm	Pass	
13	2472	-0.43	--	--	--	--	--	--	--	5.3	<30dBm	Pass	

Note: 此項量測係採 Power Meter, 大於 6dB 之發射頻寬。

Chain B

Channel No	Frequency (MHz)	Peak Power Output (dBm)										Required Limit	Result
		Average Power For different Data Rate								Peak Power			
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8			
01	2412	11.31	--	--	--	--	--	--	--	16.87	<30dBm	Pass	
07	2442	13.05	13.00	12.94	12.88	12.83	12.78	12.73	12.69	18.45	<30dBm	Pass	
11	2462	12.1	--	--	--	--	--	--	--	17.61	<30dBm	Pass	
12	2467	11.42	--	--	--	--	--	--	--	16.99	<30dBm	Pass	
13	2472	-0.32	--	--	--	--	--	--	--	5.07	<30dBm	Pass	

Note: 此項量測係採 Power Meter, 大於 6dB 之發射頻寬。

Chain A+B

Channel	Frequency (MHz)	Data Rate	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	HT8	15.97	16.87	19.45	<30dBm	Pass
07	2442	HT8	18.48	18.45	21.48	<30dBm	Pass
11	2462	HT8	17.23	17.61	20.43	<30dBm	Pass
12	2467	HT8	17.13	16.99	20.07	<30dBm	Pass
13	2472	HT8	5.30	5.07	8.20	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試項目：峰值發射功率

測試頻道：CH 03,07,09,10,11

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

測試日期：110 年 08 月 13 日

檢測器：峰值

Chain A

Channel No	Frequency (MHz)	Peak Power Output (dBm)										
		Average Power For different Data Rate								Peak Power	Required Limit	Result
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15			
03	2422	7.65	--	--	--	--	--	--	--	11.95	<30dBm	Pass
07	2442	11.56	11.50	11.43	11.38	11.35	11.31	11.27	11.22	16.57	<30dBm	Pass
09	2452	11.46	--	--	--	--	--	--	--	16.66	<30dBm	Pass
10	2457	11.52	--	--	--	--	--	--	--	16.49	<30dBm	Pass
11	2462	-0.14	--	--	--	--	--	--	--	5.02	<30dBm	Pass

Note: 此項量測係採 Power Meter, 大於 -6dB 之發射頻寬。

Chain B

Channel No	Frequency (MHz)	Peak Power Output (dBm)										
		Average Power								Peak Power	Required Limit	Result
		For different Data Rate										
		HT8	HT9	HT10	HT11	HT12	HT13	HT14	HT15	HT8		
03	2422	8.26	--	--	--	--	--	--	--	12.84	<30dBm	Pass
07	2442	12.53	12.46	12.42	12.37	12.30	12.24	12.20	12.16	17.46	<30dBm	Pass
09	2452	11.87	--	--	--	--	--	--	--	16.92	<30dBm	Pass
10	2457	11.88	--	--	--	--	--	--	--	16.86	<30dBm	Pass
11	2462	-0.12	--	--	--	--	--	--	--	4.7	<30dBm	Pass

Note: 此項量測係採 Power Meter, 大於 -6dB 之發射頻寬。

Chain A+B

Channel	Frequency (MHz)	Data Rate	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	HT8	11.95	12.84	15.43	<30dBm	Pass
07	2442	HT8	16.57	17.46	20.05	<30dBm	Pass
09	2452	HT8	16.66	16.92	19.80	<30dBm	Pass
10	2457	HT8	16.49	16.86	19.69	<30dBm	Pass
11	2462	HT8	5.02	4.70	7.87	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

峰值輸出功率測試結果:

PASS

5. 天線之要求

5.1. 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 4.10.1.3 節，用於非固定式點對點操作時，若其發射天線之方向性增益超過 6dBi，應依所超過之 dB 數等量降低峰值輸出功率。如用於固定式點對點^(註)操作時，應符合下列情形之一：

操作於 2400-2483.5 兆赫(MHz)者，其發射天線之方向性增益超過 6dBi，應於每超過 3dB 降低 1dB 之峰值輸出功率。

操作於 5725-5850 兆赫(MHz)者，其發射天線之方向性增益超過 6dBi，不需降低峰值輸出功率。

註：固定式點對點操作使用方式，並不包括使用點對多點之系統、全向性之應用以及發射相同資訊之共同安裝的多重發射機。展頻或數位調變之發射器需要專業安裝，該設備操作者或安裝者有責任確認該系統是限用於固定式、點對點之操作，隨機所附之使用手冊必須包含此訊息以告知使用者或安裝者須負之責任。

依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.4 節規定，天線之規格不受 3.2 節規定之限制。

5.2. 天線樣式

此 Intel® Dual Band Wireless-AC 7260 為半固定式 PIFA Antenna (檢附天線規格書)

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	SKY CROSS	WTCC-PIFA-REF-1 (Main)(Aux)	PIFA Antenna	3.24dBi for 2.4GHz

天線之要求測試結果:	PASS
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6. 輻射干擾測試

6.1. 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 4.10.1.5 節，使用頻帶範圍外之任意 100 千赫 (kHz) 內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz) 內的射頻功率，須衰減 20 分貝 (dB)，以射頻傳導或輻射方式測量。此外，落於第 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定。

依據國家通訊傳播委員會低功率射頻器材技術規範之第 3.6 節，低功率射頻器材，除本規範各章節另有放寬規定者外，其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。各頻段重疊處，以較嚴格之限制值為準。

頻 率 (兆 赫)	電場強度(微伏/公尺)	測距(公尺)
0.009 - 0.490(含)	2400/f(kHz)	300
0.490(不含)~1.705(含)	24000/f(kHz)	30
1.705(不含) - 30 (不含)	30	30
30 (含) - 88 (含)	100	3
88 (不含)- 216 (含)	150	3
216 (不含)- 960 (含)	200	3
960 (不含)以上	500	3

上表規定之電場強度，頻率在 9-90kHz 千赫(kHz)、110-490 千赫(kHz)以及 1000 兆赫(MHz) 以上之發射，其量測以平均值檢波器為基準，且須符合第 6.15.2 節之規定；其他頻率之發射，應以 CISPR 準峰值(quasi-peak) 檢波器測量；非以上表所指定之距離測量時須符合第 6.5 節之規定，而輻射發射之量測頻率範圍須符合第 6.14 節之規定。

6.2. 量測方法

待測物置於高 80 公分(測試範圍低於 1GHz)或高 150 公分(測試範圍高於 1GHz)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, 以量測待測物之最大輻射電場強度。接收天線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。

RBW and VBW Parameter setting:

According to KDB 558074 Peak power measurement procedure

RBW = as specified in Table 1.

VBW $\geq 3 \times$ RBW.

Table 1 —RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to KDB 558074 Average power measurement procedure

RBW = 1MHz.

VBW = 10Hz, when duty cycle $\geq 98 \%$

VBW $\geq 1/T$, when duty cycle $< 98 \%$

(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

SISO A

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 b	99.29	--	--	10
802.11 g	98.12	--	--	10
802.11 n20	99.00	--	--	10
802.11 n40	98.11	--	--	10
802.11 ax20	99.00	--	--	10
802.11 ax40	98.10	--	--	10
802.11 ax20-26/0-RU	98.11	--	--	10
802.11 ax20-52/37-RU	98.11	--	--	10
802.11 ax20-106/53-RU	98.11	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10

Note: Duty Cycle Refer to Section 11

SISO B

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 b	99.28	--	--	10
802.11 g	97.66	2.0900	478	500
802.11 n20	98.47	--	--	10
802.11 n40	98.48	--	--	10
802.11 ax20	98.47	--	--	10
802.11 ax40	98.11	--	--	10
802.11 ax20-26/0-RU	98.11	--	--	10
802.11 ax20-52/37-RU	98.11	--	--	10
802.11 ax20-106/53-RU	98.11	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10

Note: Duty Cycle Refer to Section 11

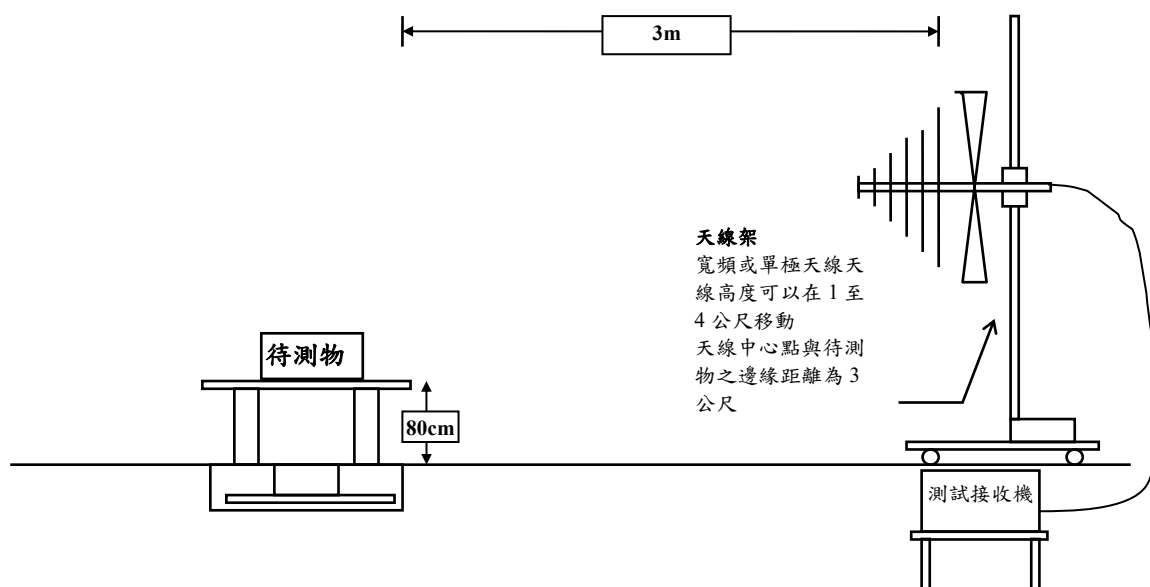
MIMO

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 n20	98.89	--	--	10
802.11 n40	98.89	--	--	10
802.11 ax20	98.89	--	--	10
802.11 ax40	98.89	--	--	10
802.11 ax20-26/0-RU	97.74	2.5900	386	500
802.11 ax20-52/37-RU	97.74	2.5900	386	500
802.11 ax20-106/53-RU	97.74	2.5900	386	500
802.11 ax40-242/61-RU	97.74	2.5900	386	500

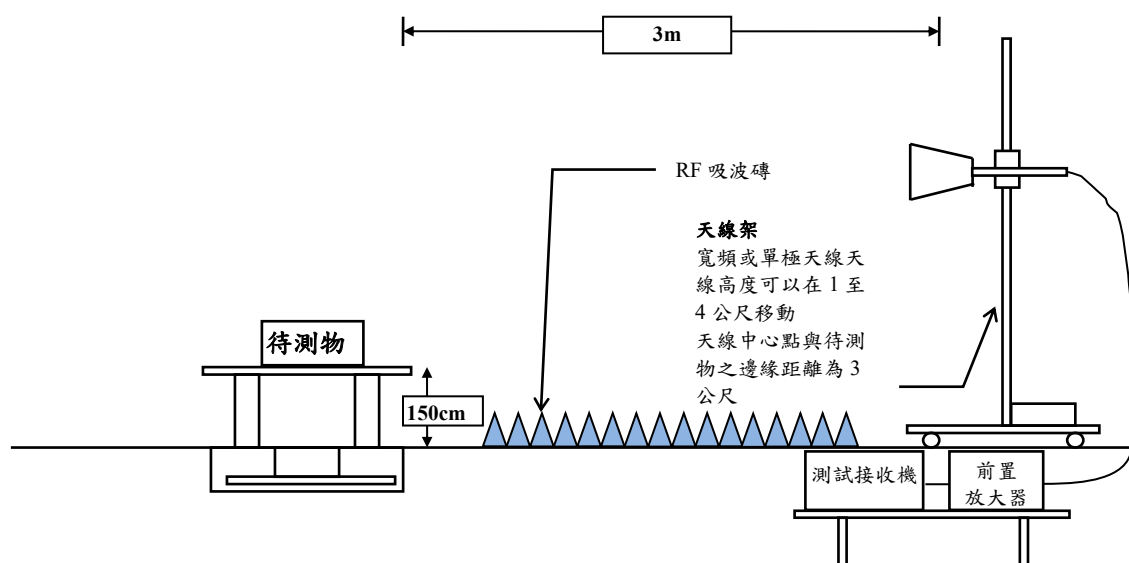
Note: Duty Cycle Refer to Section 11

6.3. 測試架構圖

Under 1GHz Test Setup

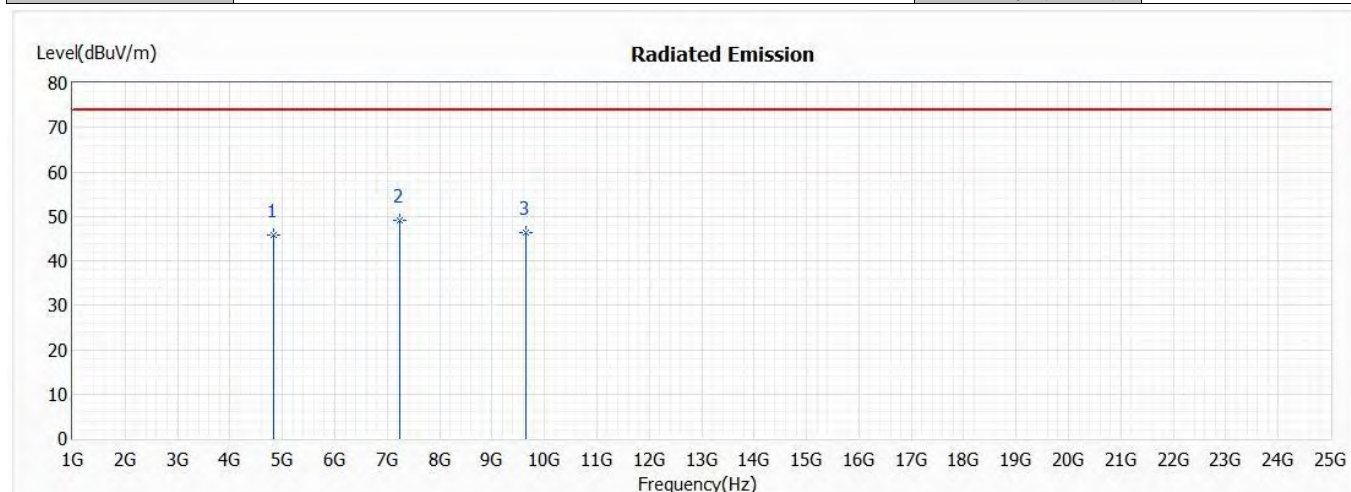


Above 1GHz Test Setup



6.4. 輻射干擾測試結果

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2412MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	45.80	74.00	-28.20	47.35	-1.55	PK
* 2	7236.000	49.17	74.00	-24.83	46.24	2.93	PK
3	9648.000	46.24	74.00	-27.76	41.22	5.02	PK

Remark:

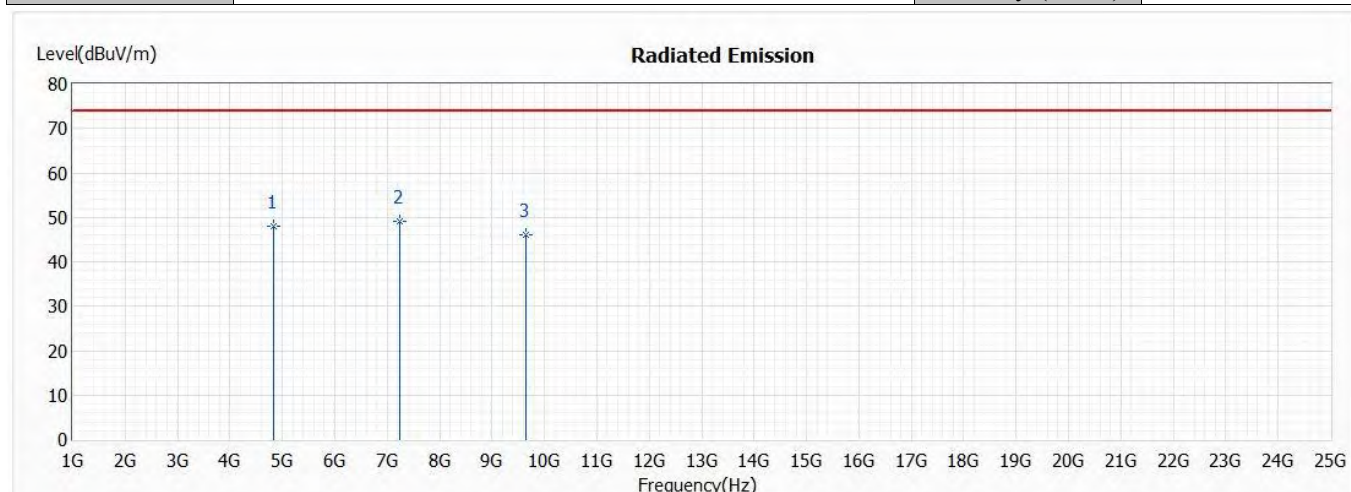
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2412MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	48.03	74.00	-25.97	49.58	-1.55	PK
* 2	7236.000	49.06	74.00	-24.94	46.13	2.93	PK
3	9648.000	46.18	74.00	-27.82	41.16	5.02	PK

Remark:

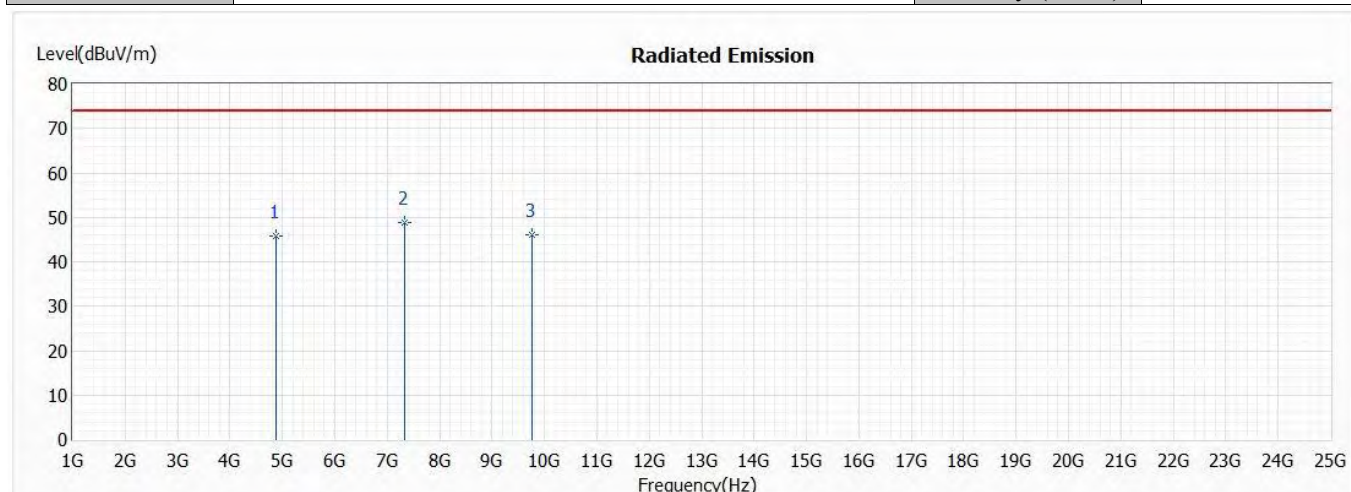
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2442MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4884.000	45.73	74.00	-28.27	47.23	-1.50	PK
* 2	7326.000	48.93	74.00	-25.07	46.00	2.93	PK
3	9768.000	46.18	74.00	-27.82	40.93	5.25	PK

Remark:

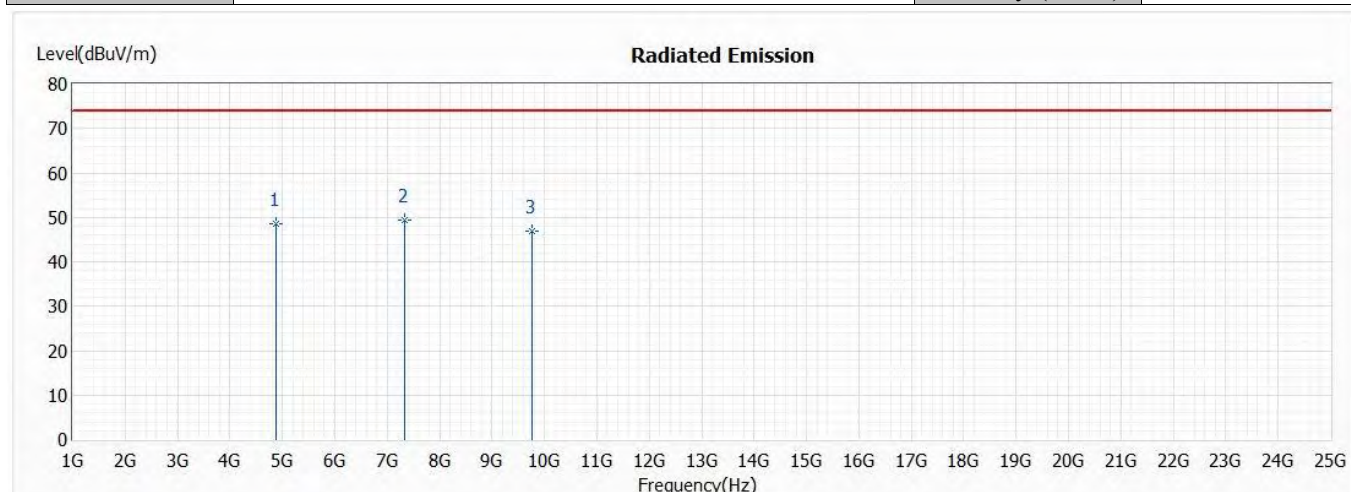
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2442MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4884.000	48.63	74.00	-25.37	50.13	-1.50	PK
* 2	7326.000	49.51	74.00	-24.49	46.58	2.93	PK
3	9768.000	46.93	74.00	-27.07	41.68	5.25	PK

Remark:

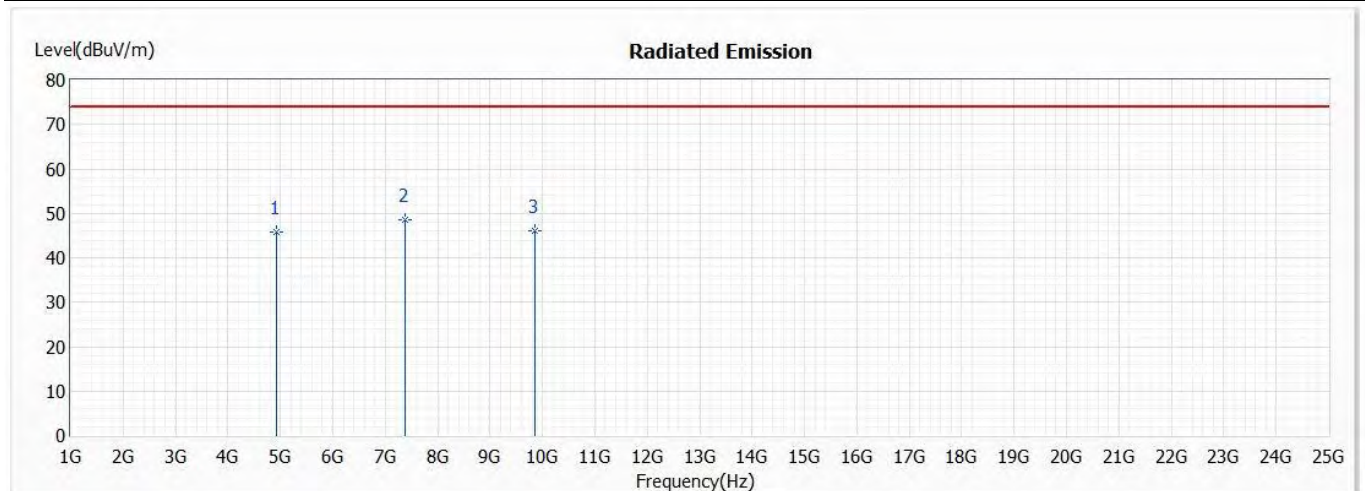
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2462MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	45.74	74.00	-28.26	47.06	-1.32	PK
* 2	7386.000	48.49	74.00	-25.51	45.49	3.00	PK
3	9848.000	46.17	74.00	-27.83	40.80	5.37	PK

Remark:

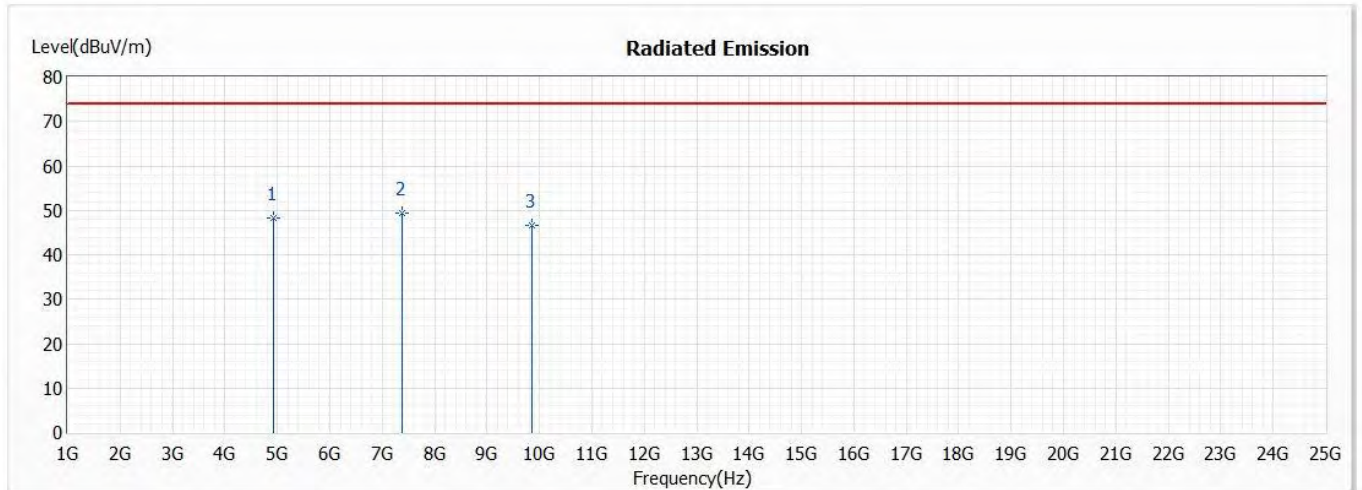
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2462MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	48.40	74.00	-25.60	49.72	-1.32	PK
* 2	7386.000	49.42	74.00	-24.58	46.42	3.00	PK
3	9848.000	46.56	74.00	-27.44	41.19	5.37	PK

Remark:

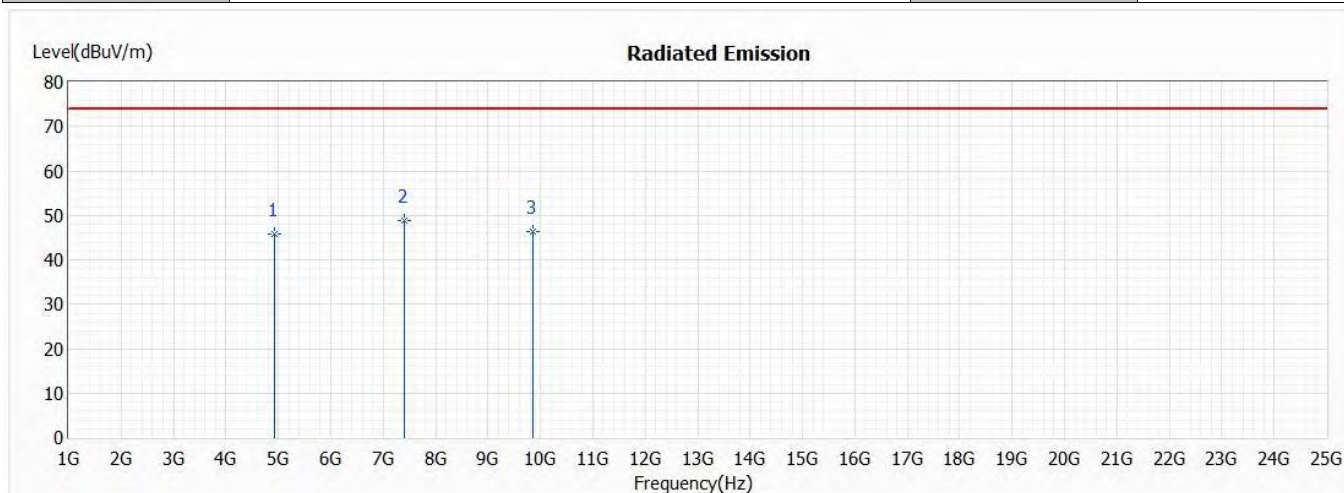
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2467MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4934.000	45.82	74.00	-28.18	47.08	-1.26	PK
* 2	7401.000	48.94	74.00	-25.06	45.90	3.04	PK
3	9868.000	46.35	74.00	-27.65	40.97	5.38	PK

Remark:

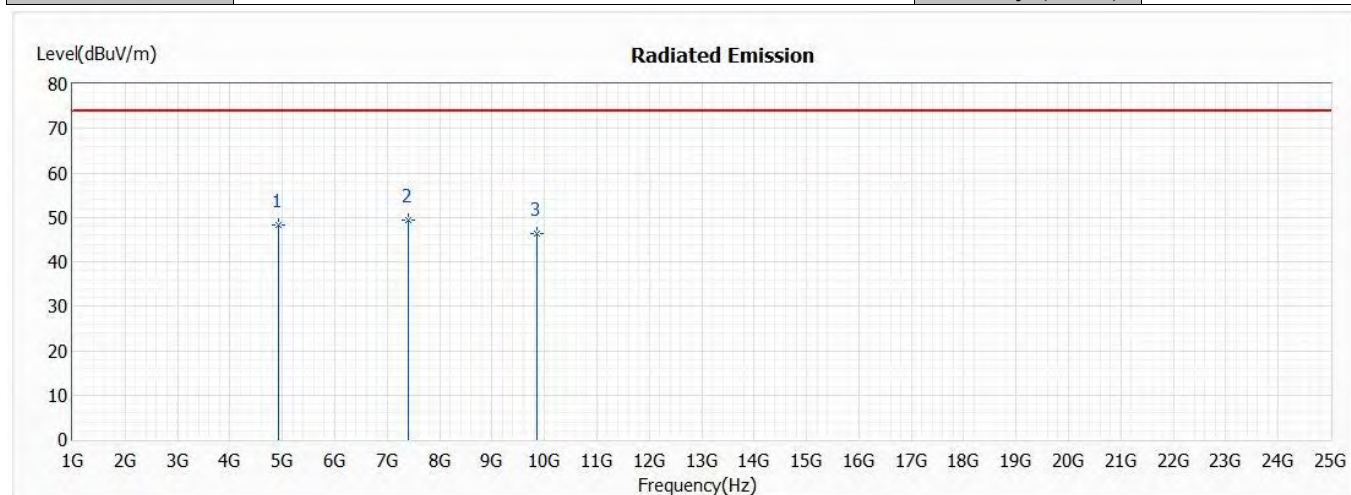
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2467MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4934.000	48.17	74.00	-25.83	49.43	-1.26	PK
* 2	7401.000	49.33	74.00	-24.67	46.29	3.04	PK
3	9868.000	46.28	74.00	-27.72	40.90	5.38	PK

Remark:

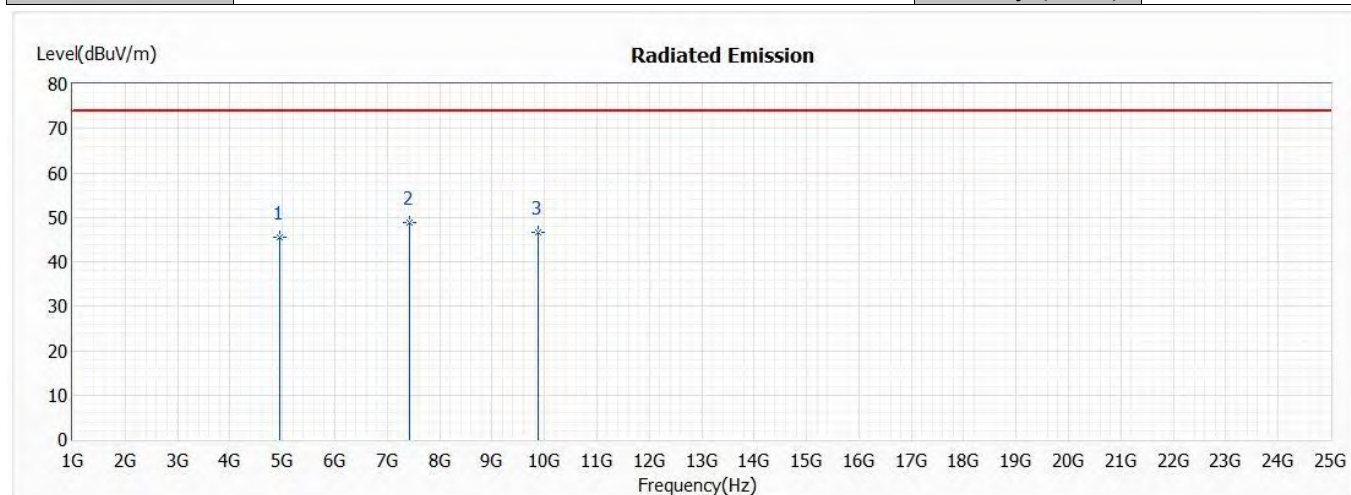
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2472MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4944.000	45.60	74.00	-28.40	46.79	-1.19	PK
* 2	7416.000	48.73	74.00	-25.27	45.69	3.04	PK
3	9888.000	46.51	74.00	-27.49	41.12	5.39	PK

Remark:

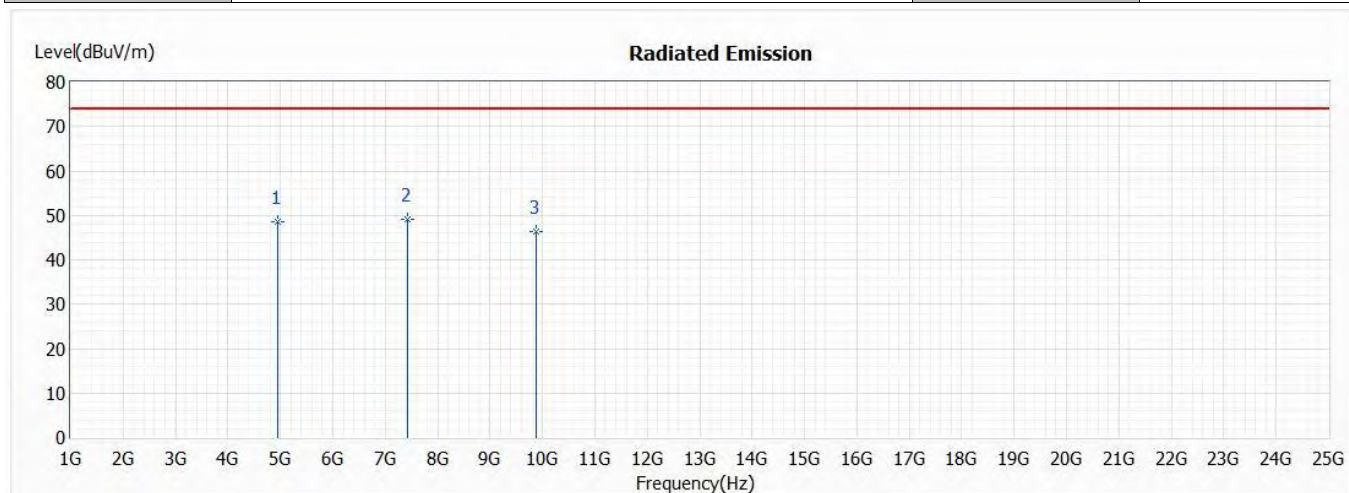
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 1: SISO A: 發射器 802.11b	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2472MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4944.000	48.45	74.00	-25.55	49.64	-1.19	PK
* 2	7416.000	49.14	74.00	-24.86	46.10	3.04	PK
3	9888.000	46.36	74.00	-27.64	40.97	5.39	PK

Remark:

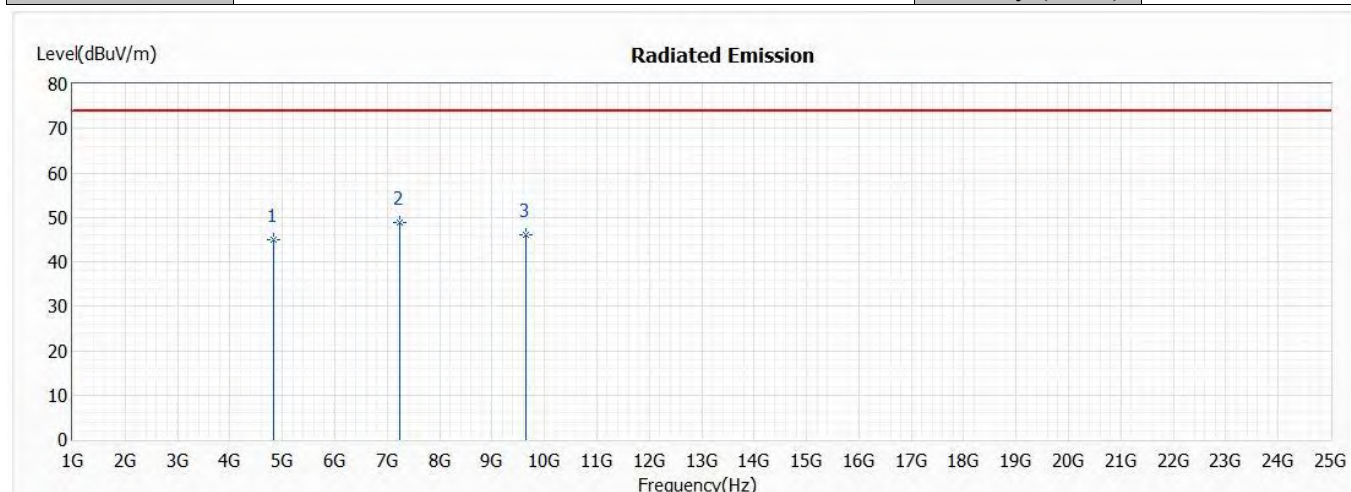
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2412MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	45.08	74.00	-28.92	46.63	-1.55	PK
* 2	7236.000	48.69	74.00	-25.31	45.76	2.93	PK
3	9648.000	45.98	74.00	-28.02	40.96	5.02	PK

Remark:

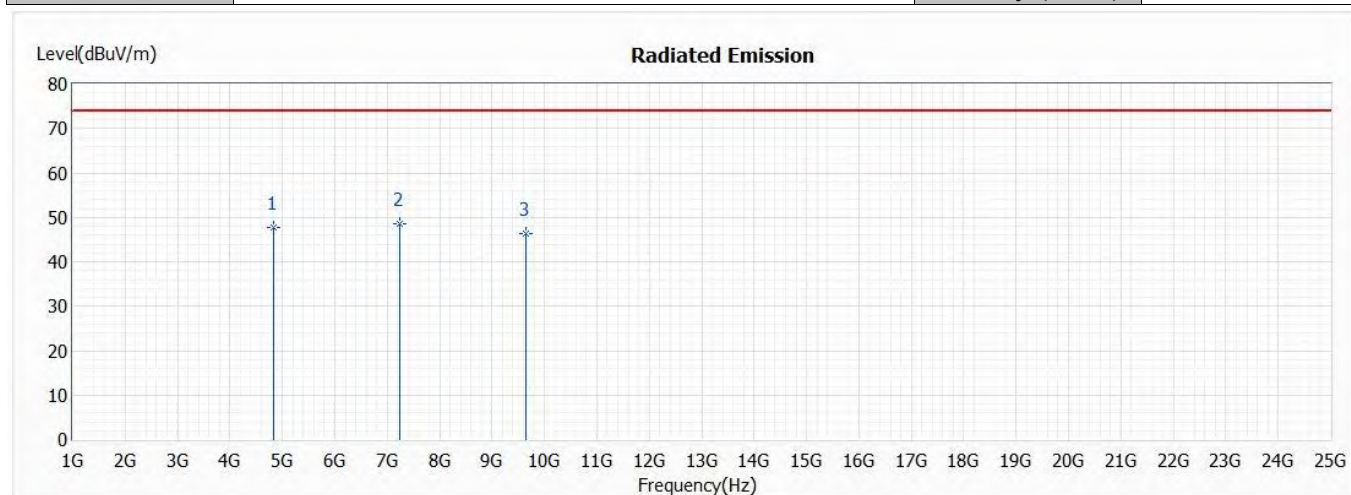
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2412MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	47.86	74.00	-26.14	49.41	-1.55	PK
* 2	7236.000	48.59	74.00	-25.41	45.66	2.93	PK
3	9648.000	46.38	74.00	-27.62	41.36	5.02	PK

Remark:

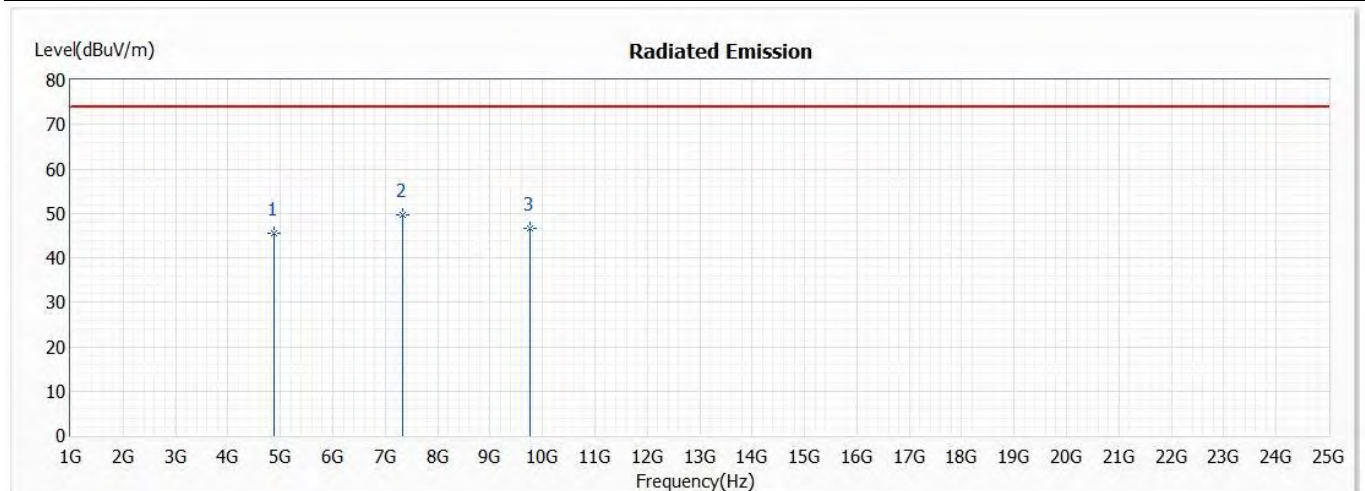
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2442MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4884.000	45.46	74.00	-28.54	46.96	-1.50	PK
* 2	7326.000	49.60	74.00	-24.40	46.67	2.93	PK
3	9768.000	46.70	74.00	-27.30	41.45	5.25	PK

Remark:

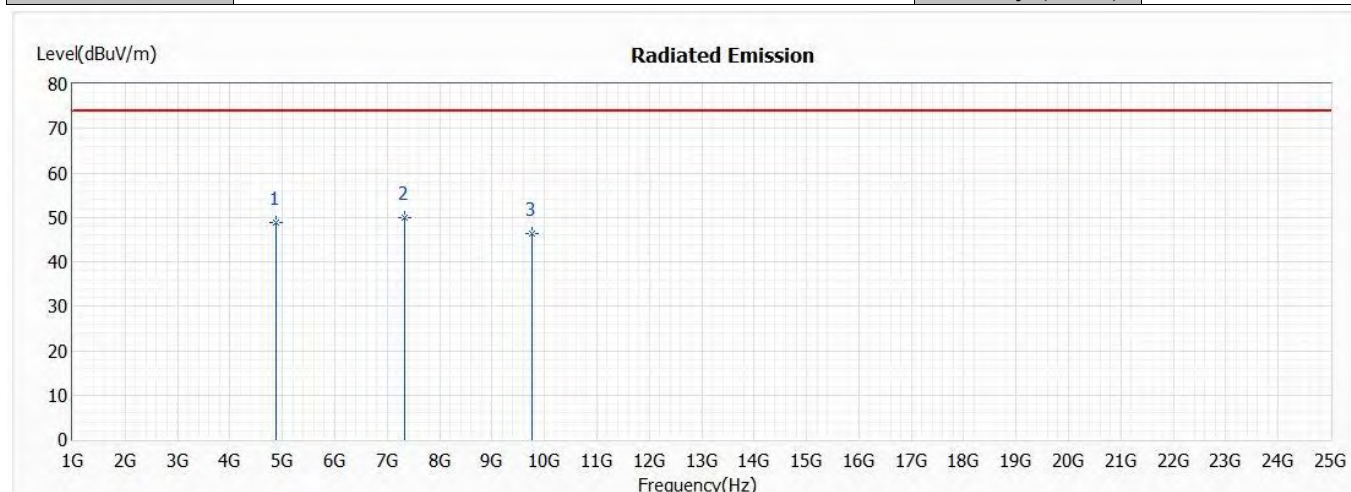
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2442MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4884.000	48.70	74.00	-25.30	50.20	-1.50	PK
* 2	7326.000	49.82	74.00	-24.18	46.89	2.93	PK
3	9768.000	46.23	74.00	-27.77	40.98	5.25	PK

Remark:

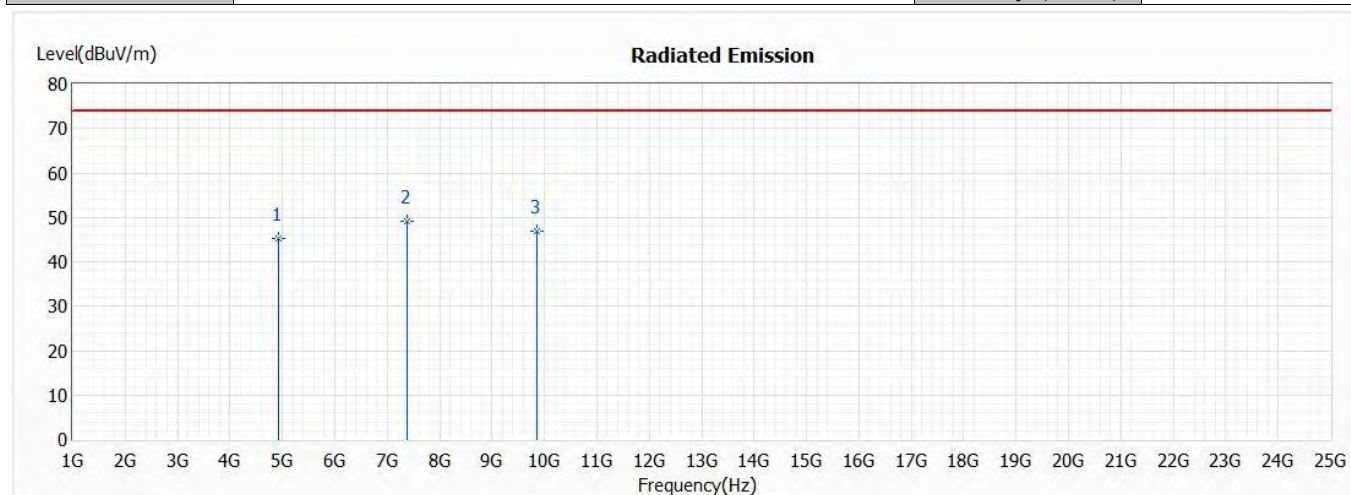
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2462MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	45.37	74.00	-28.63	46.69	-1.32	PK
* 2	7386.000	49.02	74.00	-24.98	46.02	3.00	PK
3	9848.000	46.83	74.00	-27.17	41.46	5.37	PK

Remark:

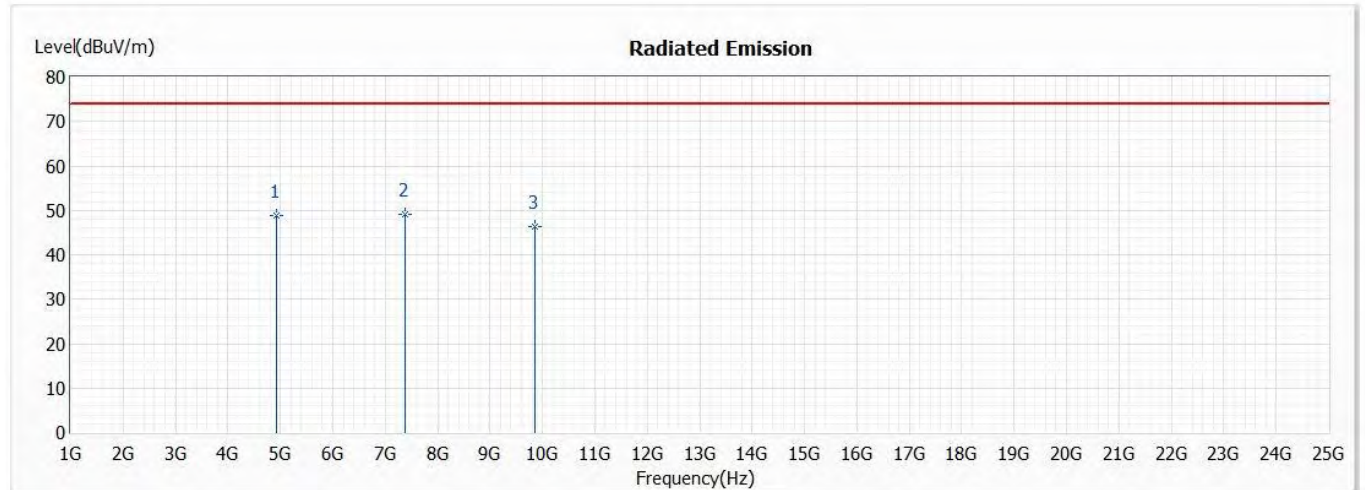
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2462MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	48.70	74.00	-25.30	50.02	-1.32	PK
* 2	7386.000	49.20	74.00	-24.80	46.20	3.00	PK
3	9848.000	46.42	74.00	-27.58	41.05	5.37	PK

Remark:

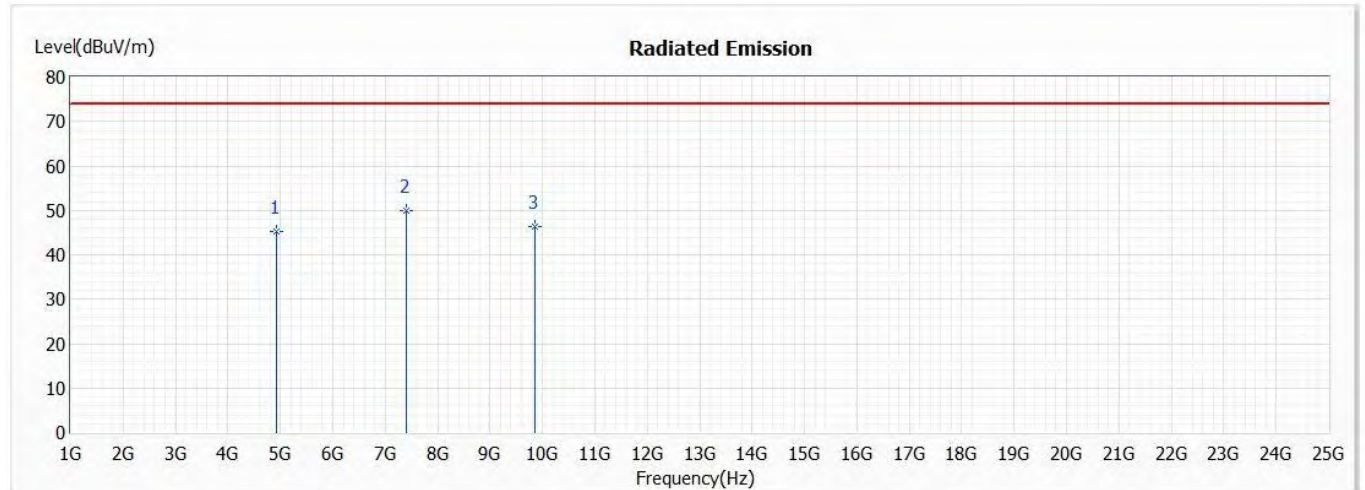
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2467MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4934.000	45.11	74.00	-28.89	46.37	-1.26	PK
* 2	7401.000	49.87	74.00	-24.13	46.83	3.04	PK
3	9868.000	46.44	74.00	-27.56	41.06	5.38	PK

Remark:

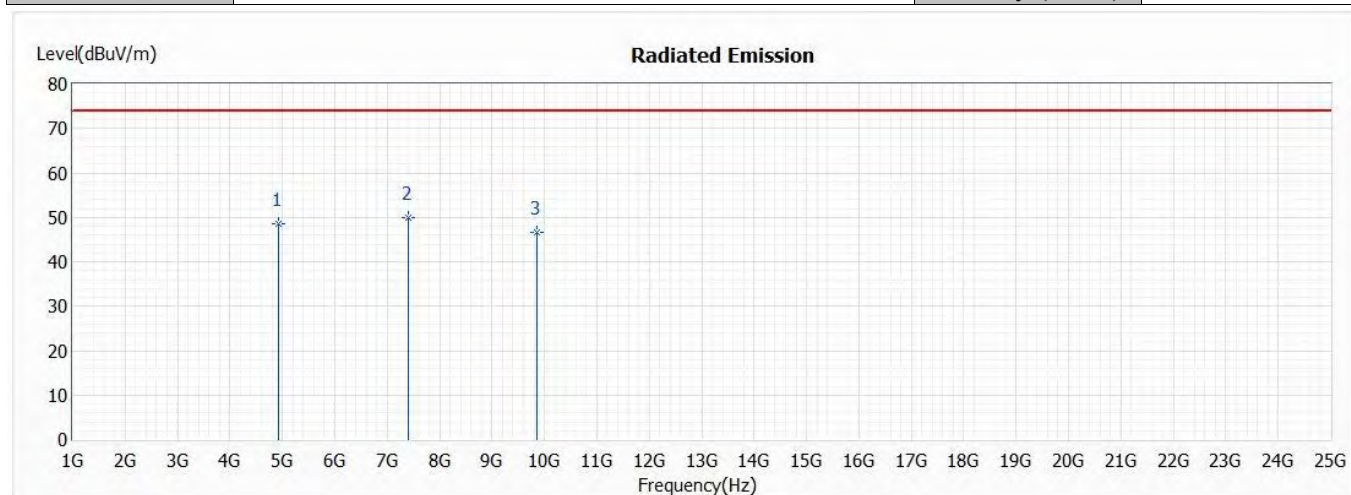
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2467MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4934.000	48.68	74.00	-25.32	49.94	-1.26	PK
* 2	7401.000	49.90	74.00	-24.10	46.86	3.04	PK
3	9868.000	46.56	74.00	-27.44	41.18	5.38	PK

Remark:

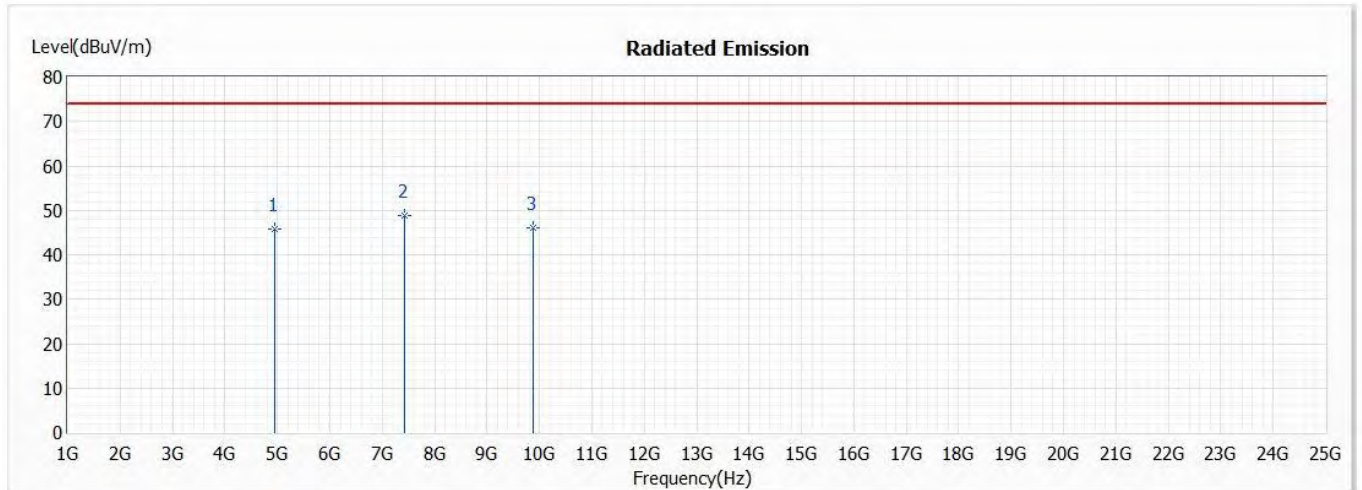
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2472MHz	Humidity (%RH)	65.3

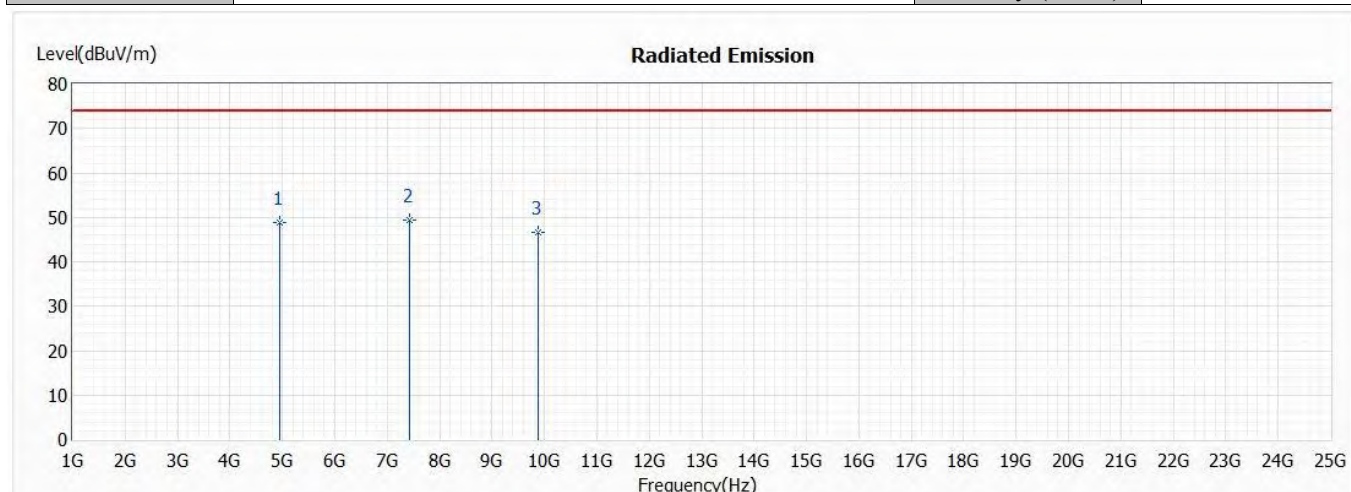


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4944.000	45.82	74.00	-28.18	47.01	-1.19	PK
* 2	7416.000	48.74	74.00	-25.26	45.70	3.04	PK
3	9888.000	46.02	74.00	-27.98	40.63	5.39	PK

Remark:

1. "*" means this data is the worst emission level;
"!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).
3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2472MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4944.000	48.70	74.00	-25.30	49.89	-1.19	PK
* 2	7416.000	49.25	74.00	-24.75	46.21	3.04	PK
3	9888.000	46.62	74.00	-27.38	41.23	5.39	PK

Remark:

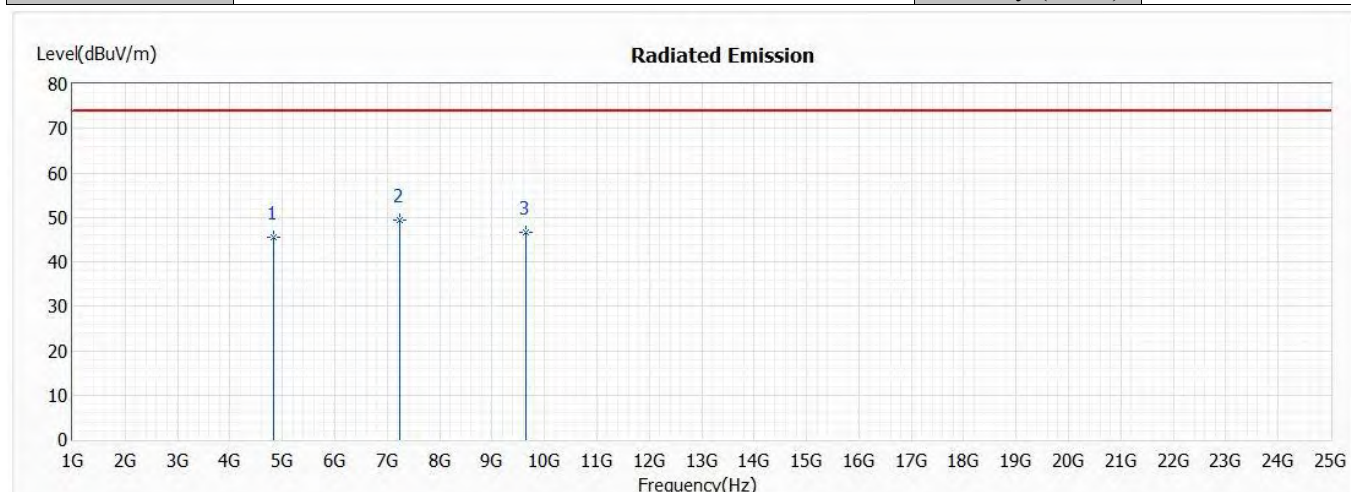
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2412MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	45.50	74.00	-28.50	47.05	-1.55	PK
* 2	7236.000	49.41	74.00	-24.59	46.48	2.93	PK
3	9648.000	46.63	74.00	-27.37	41.61	5.02	PK

Remark:

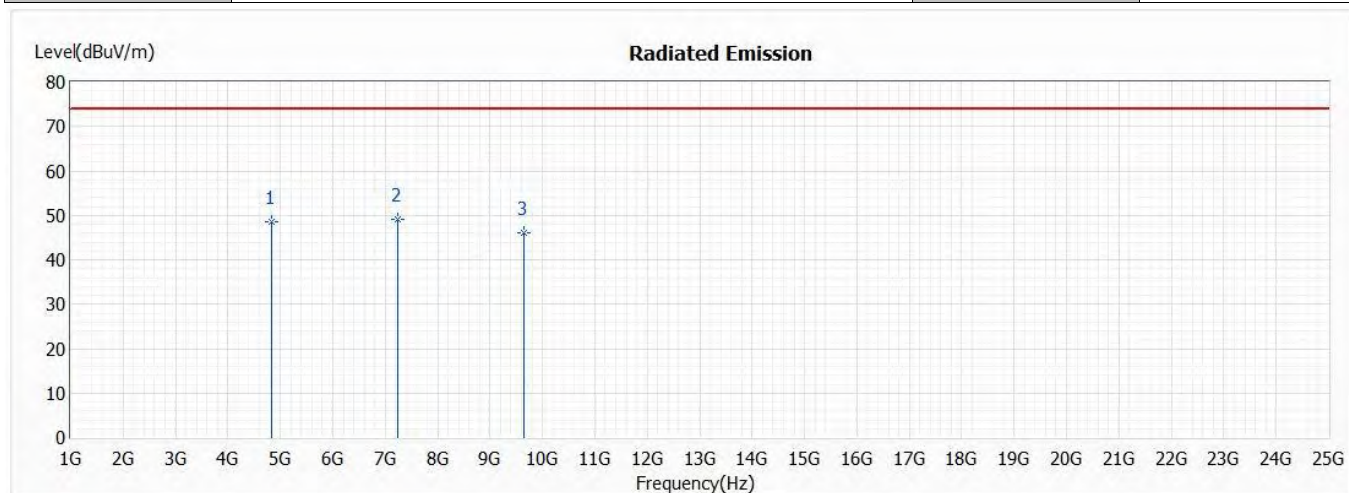
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2412MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4824.000	48.67	74.00	-25.33	50.22	-1.55	PK
* 2	7236.000	49.19	74.00	-24.81	46.26	2.93	PK
3	9648.000	46.08	74.00	-27.92	41.06	5.02	PK

Remark:

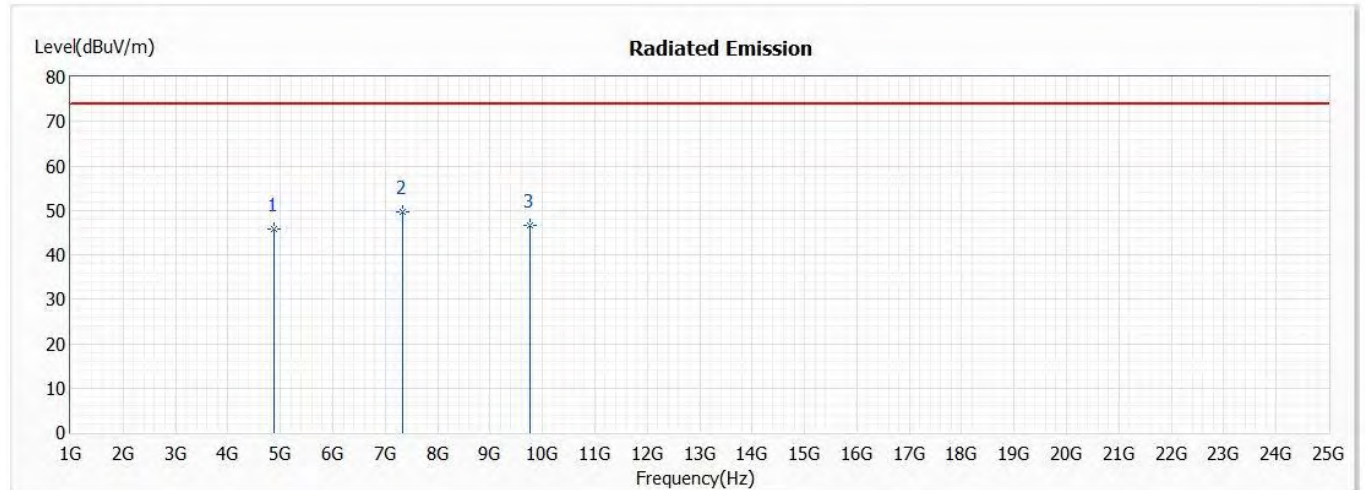
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2442MHz	Humidity (%RH)	65.3

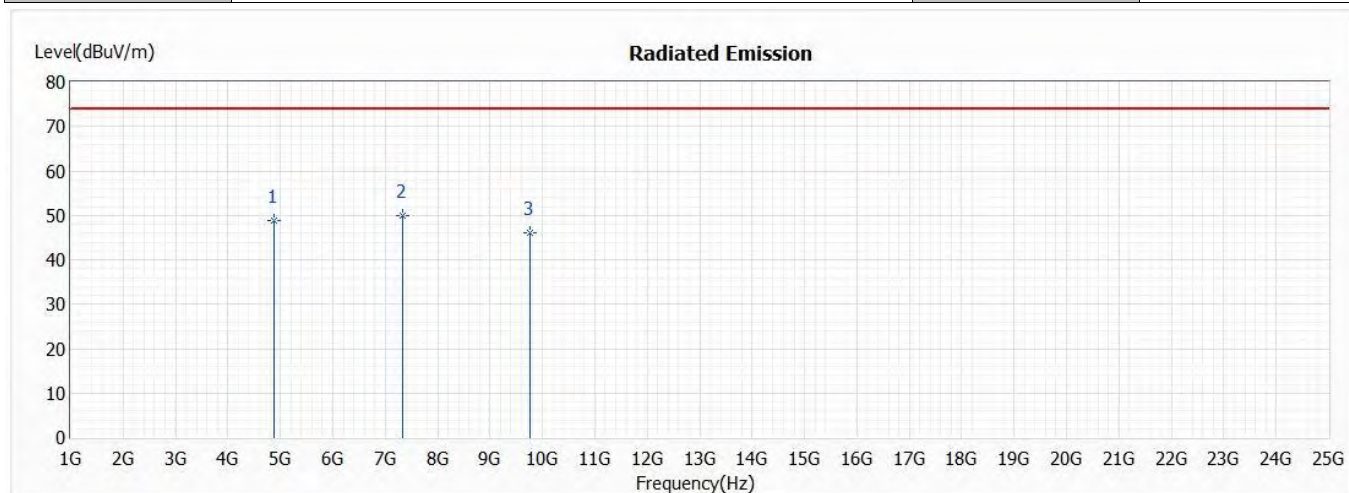


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4884.000	45.82	74.00	-28.18	47.32	-1.50	PK
* 2	7326.000	49.54	74.00	-24.46	46.61	2.93	PK
3	9768.000	46.58	74.00	-27.42	41.33	5.25	PK

Remark:

1. "*" means this data is the worst emission level;
"!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).
3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2442MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4884.000	48.70	74.00	-25.30	50.20	-1.50	PK
* 2	7326.000	49.81	74.00	-24.19	46.88	2.93	PK
3	9768.000	45.97	74.00	-28.03	40.72	5.25	PK

Remark:

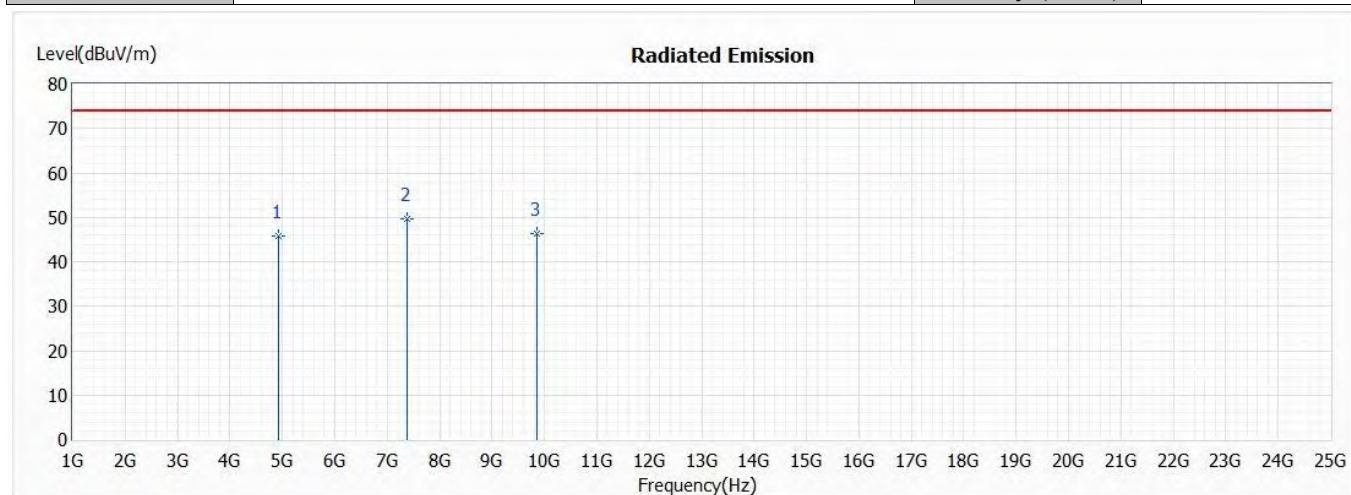
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2462MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	45.81	74.00	-28.19	47.13	-1.32	PK
* 2	7386.000	49.78	74.00	-24.22	46.78	3.00	PK
3	9848.000	46.44	74.00	-27.56	41.07	5.37	PK

Remark:

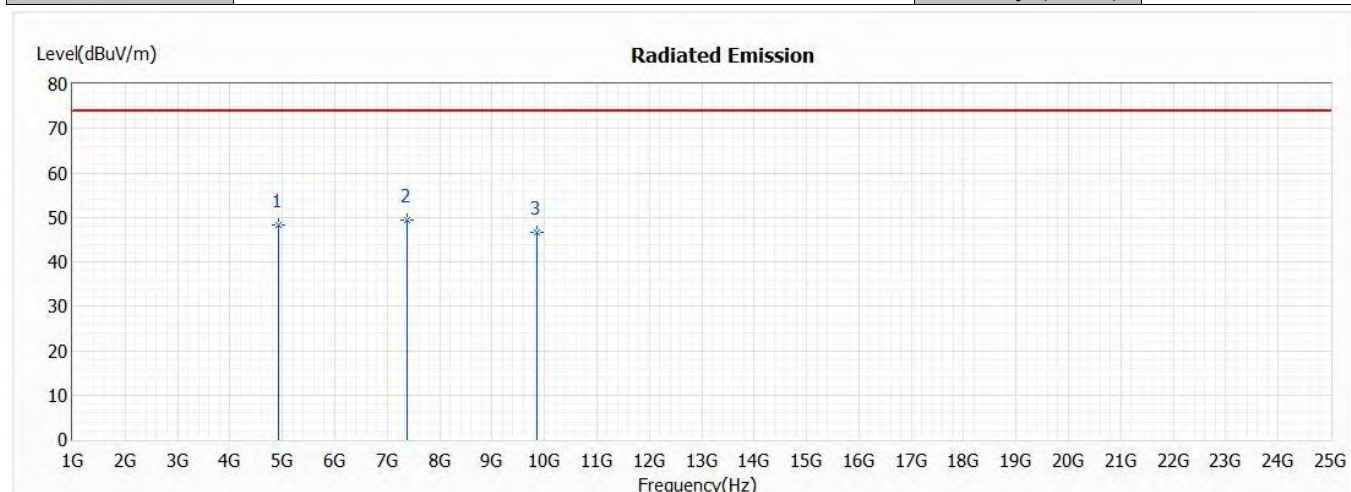
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2462MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	48.31	74.00	-25.69	49.63	-1.32	PK
* 2	7386.000	49.26	74.00	-24.74	46.26	3.00	PK
3	9848.000	46.69	74.00	-27.31	41.32	5.37	PK

Remark:

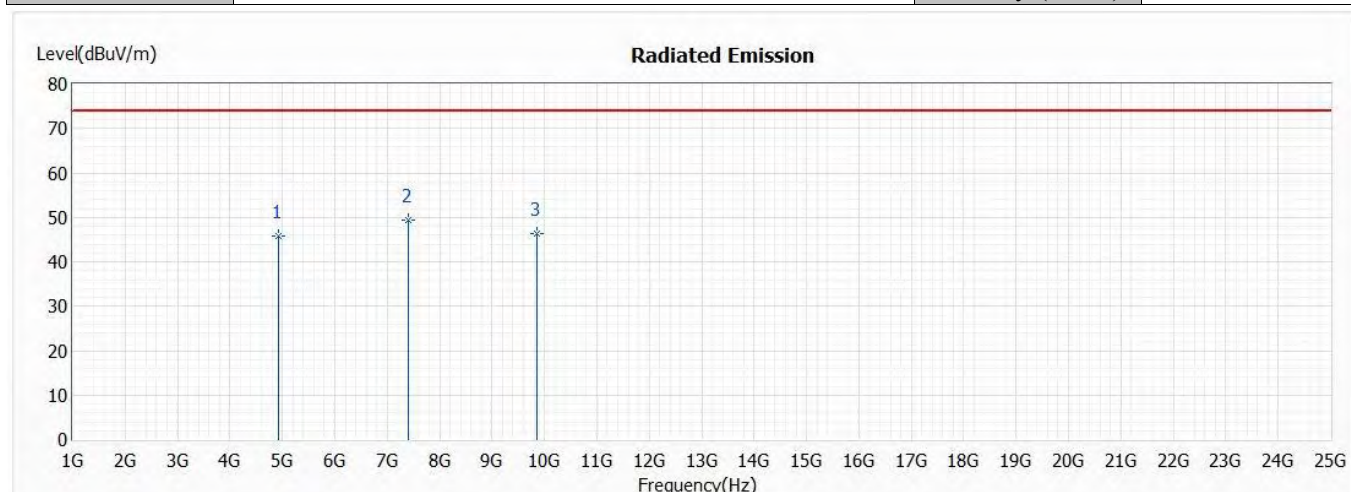
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2467MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4934.000	45.67	74.00	-28.33	46.93	-1.26	PK
* 2	7401.000	49.45	74.00	-24.55	46.41	3.04	PK
3	9868.000	46.35	74.00	-27.65	40.97	5.38	PK

Remark:

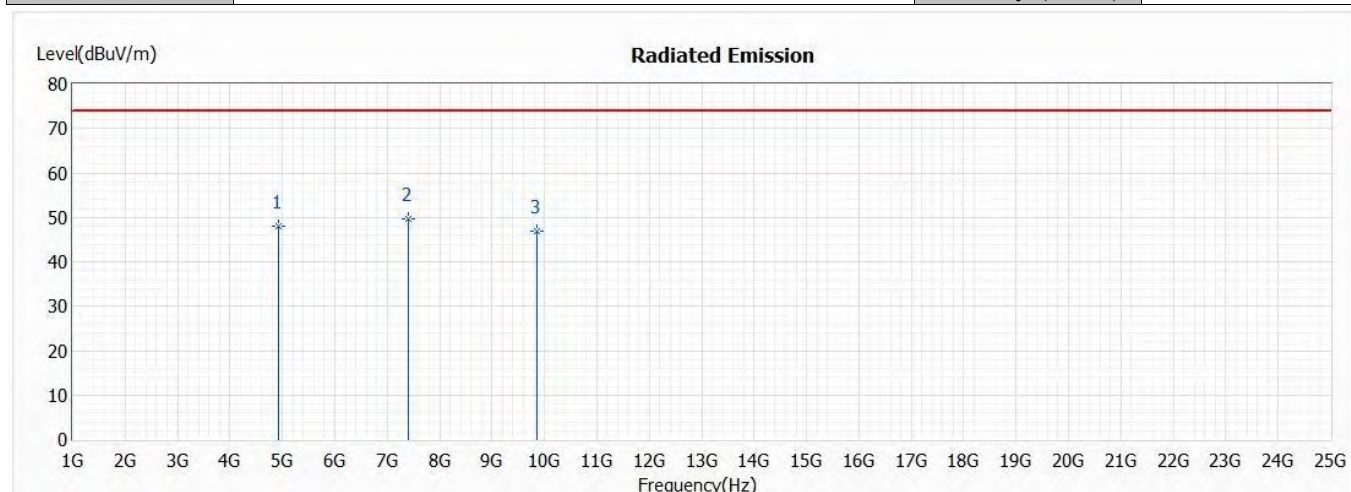
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2467MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4934.000	48.13	74.00	-25.87	49.39	-1.26	PK
* 2	7401.000	49.52	74.00	-24.48	46.48	3.04	PK
3	9868.000	46.98	74.00	-27.02	41.60	5.38	PK

Remark:

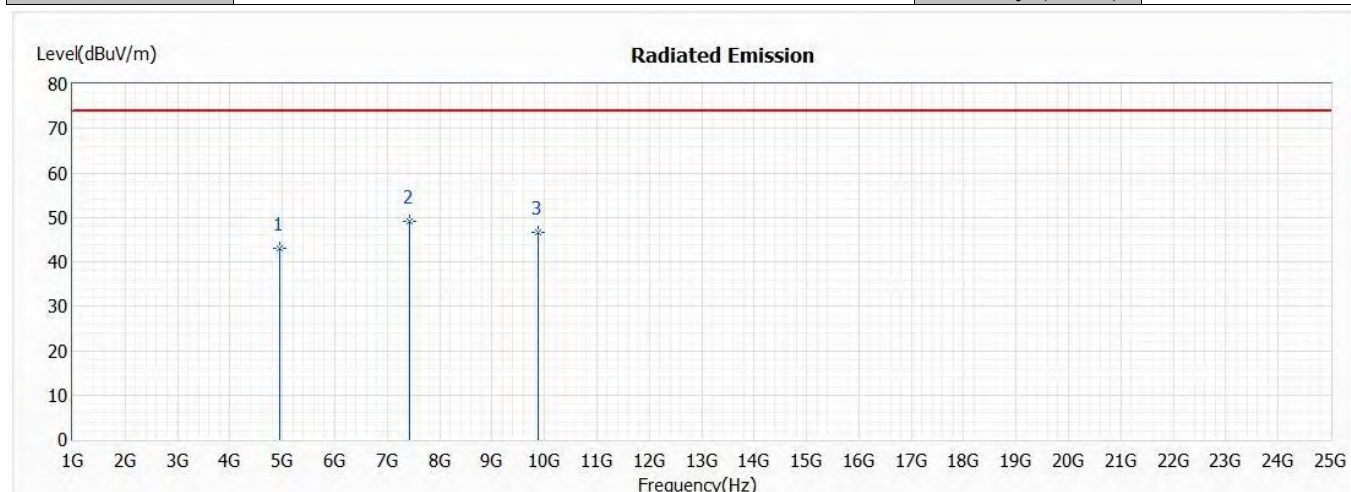
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2472MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4944.000	43.07	74.00	-30.93	44.26	-1.19	PK
* 2	7416.000	49.18	74.00	-24.82	46.14	3.04	PK
3	9888.000	46.67	74.00	-27.33	41.28	5.39	PK

Remark:

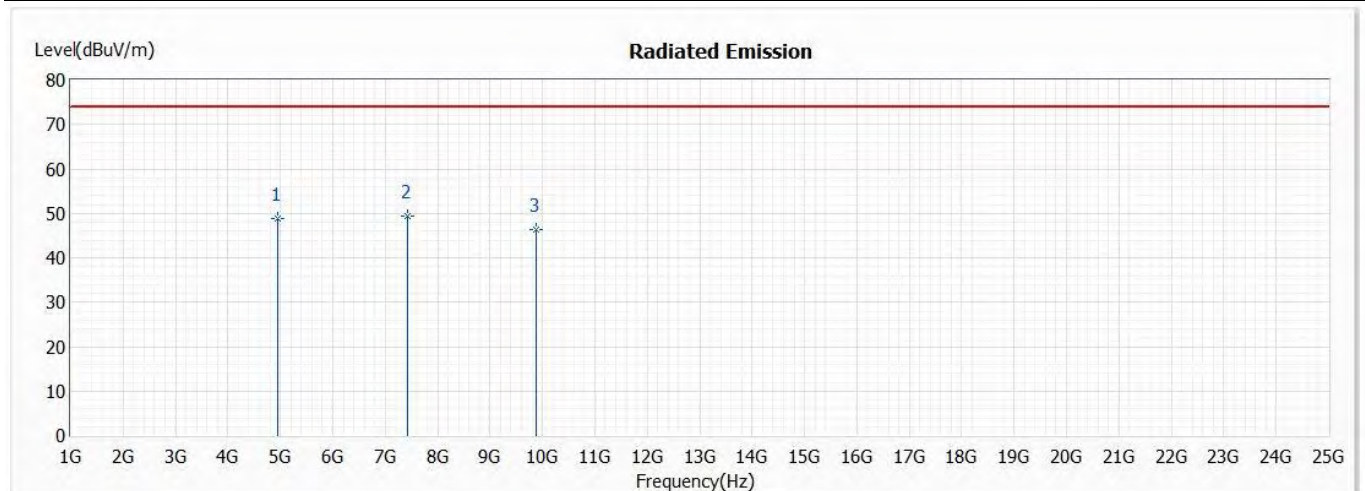
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 9: MIMO: 發射器 802.11n (20MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2472MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4944.000	48.71	74.00	-25.29	49.90	-1.19	PK
* 2	7416.000	49.29	74.00	-24.71	46.25	3.04	PK
3	9888.000	46.46	74.00	-27.54	41.07	5.39	PK

Remark:

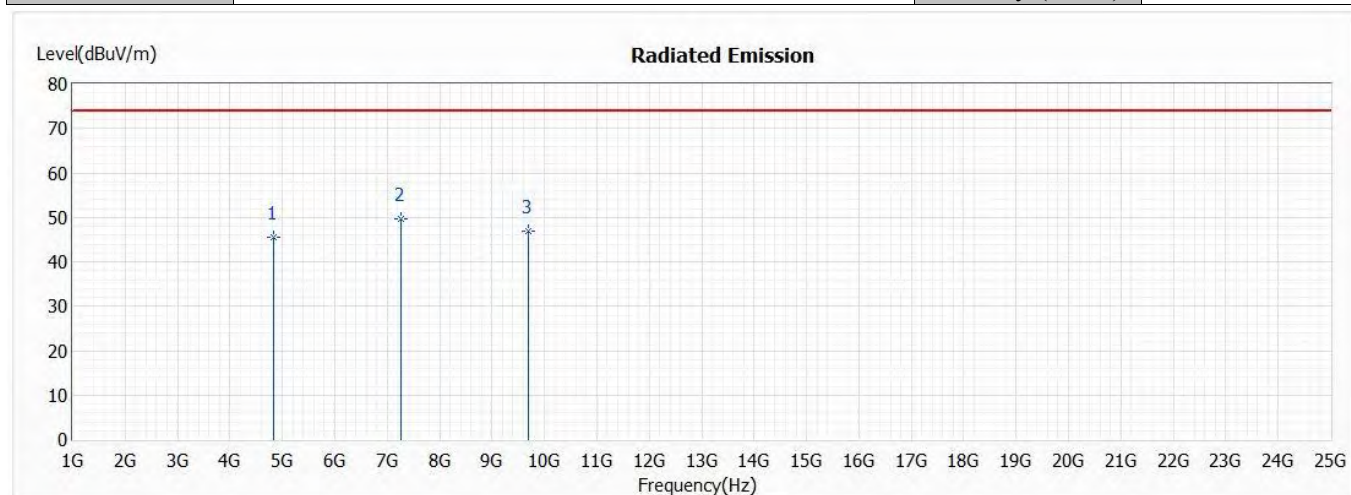
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2422MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4844.000	45.41	74.00	-28.59	46.94	-1.53	PK
* 2	7266.000	49.63	74.00	-24.37	46.69	2.94	PK
3	9688.000	46.85	74.00	-27.15	41.82	5.03	PK

Remark:

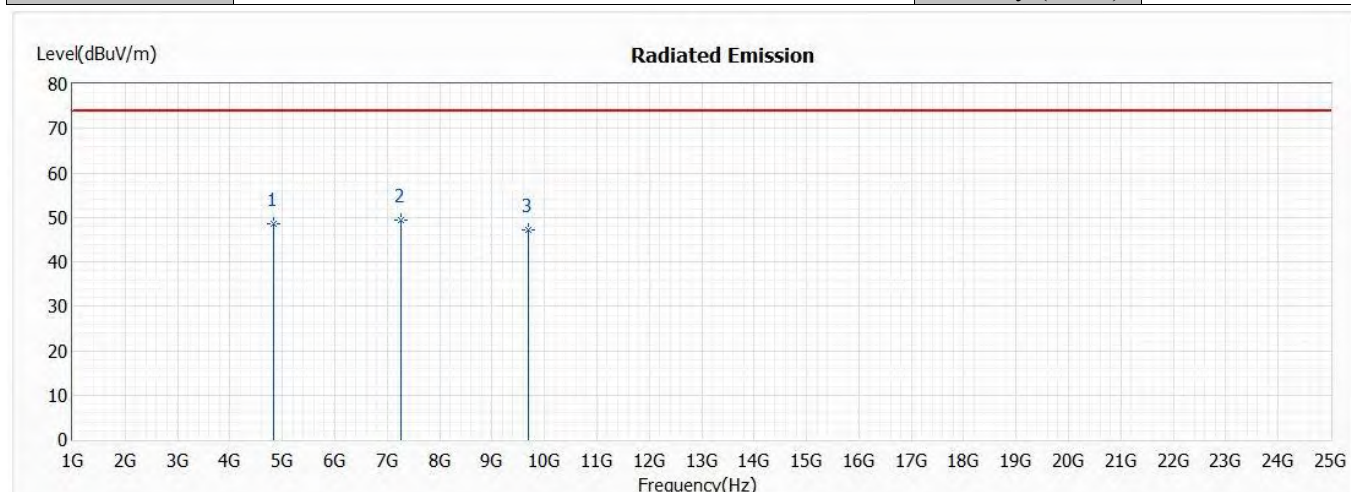
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2422MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4844.000	48.58	74.00	-25.42	50.11	-1.53	PK
* 2	7266.000	49.30	74.00	-24.70	46.36	2.94	PK
3	9688.000	47.26	74.00	-26.74	42.23	5.03	PK

Remark:

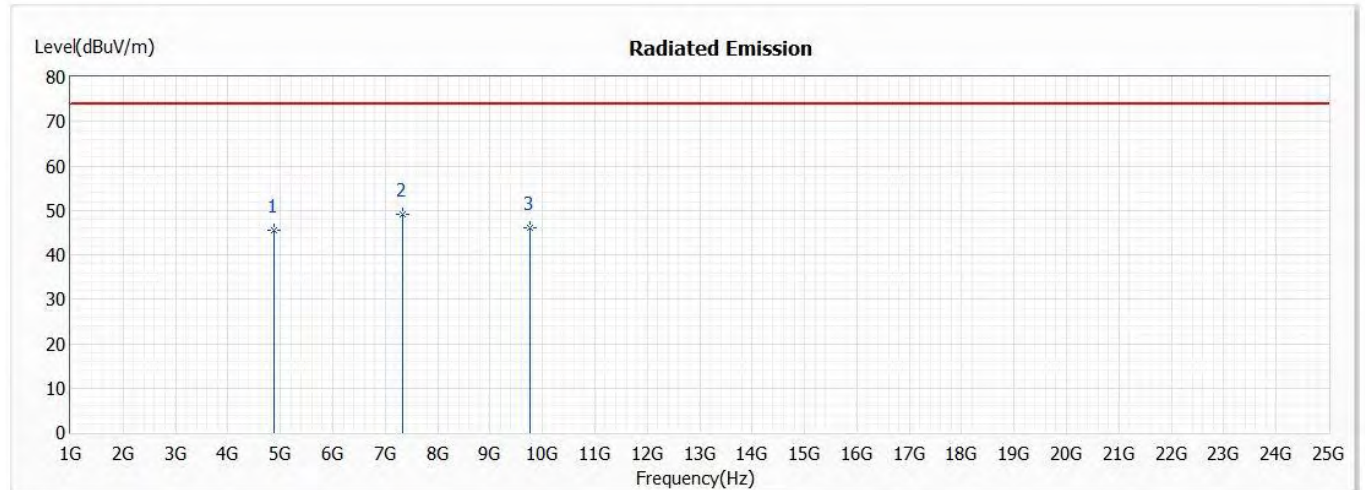
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2442MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4884.000	45.64	74.00	-28.36	47.14	-1.50	PK
* 2	7326.000	49.20	74.00	-24.80	46.27	2.93	PK
3	9768.000	46.08	74.00	-27.92	40.83	5.25	PK

Remark:

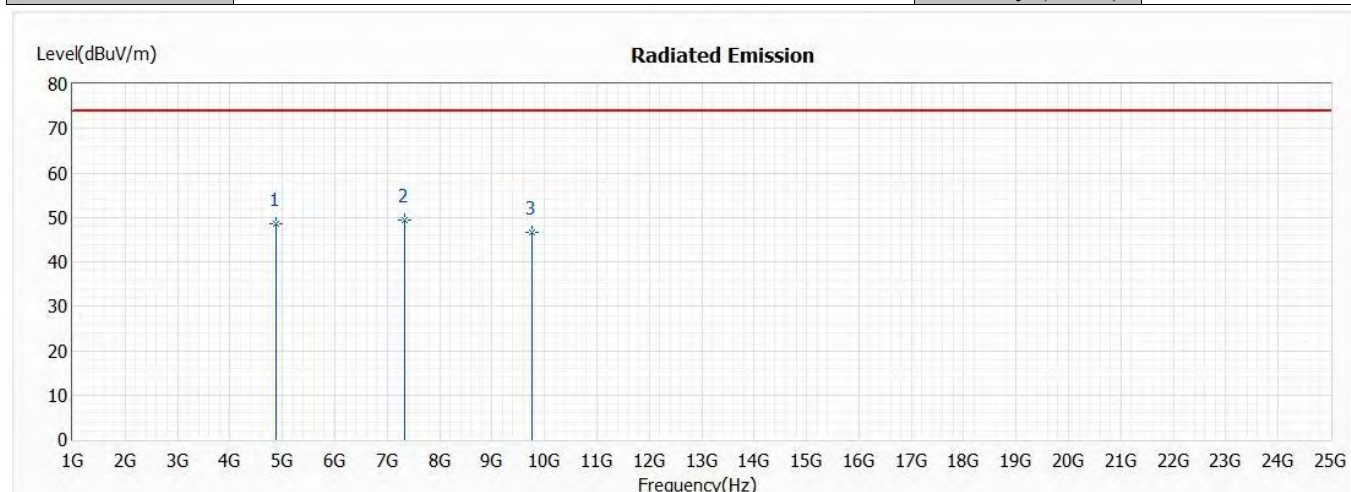
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2442MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4884.000	48.55	74.00	-25.45	50.05	-1.50	PK
* 2	7326.000	49.36	74.00	-24.64	46.43	2.93	PK
3	9768.000	46.61	74.00	-27.39	41.36	5.25	PK

Remark:

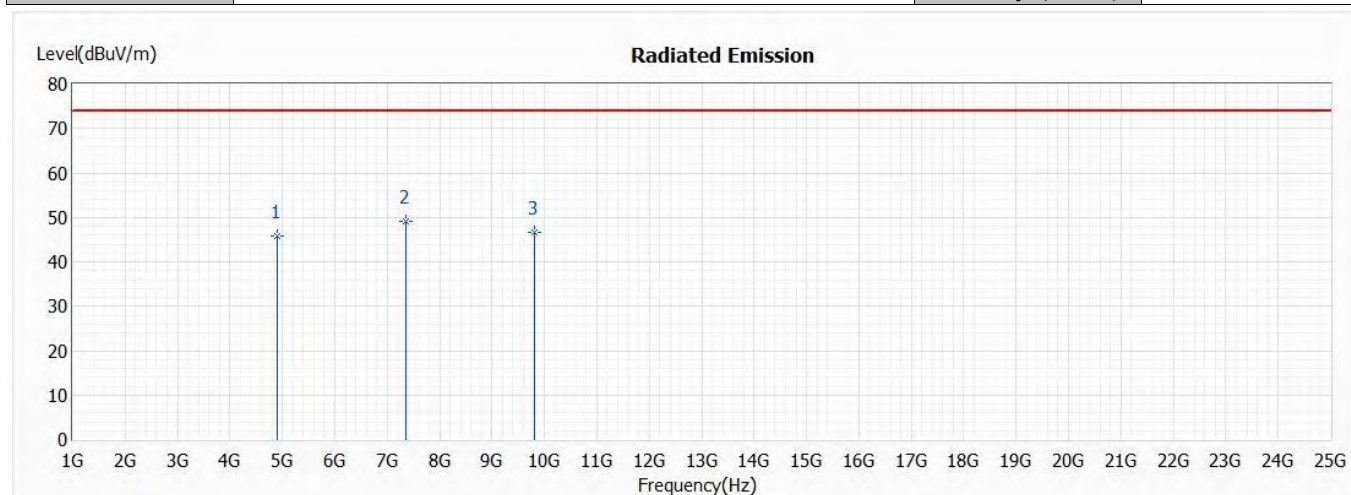
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2452MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4904.000	45.70	74.00	-28.30	47.16	-1.46	PK
* 2	7356.000	49.11	74.00	-24.89	46.20	2.91	PK
3	9808.000	46.64	74.00	-27.36	41.36	5.28	PK

Remark:

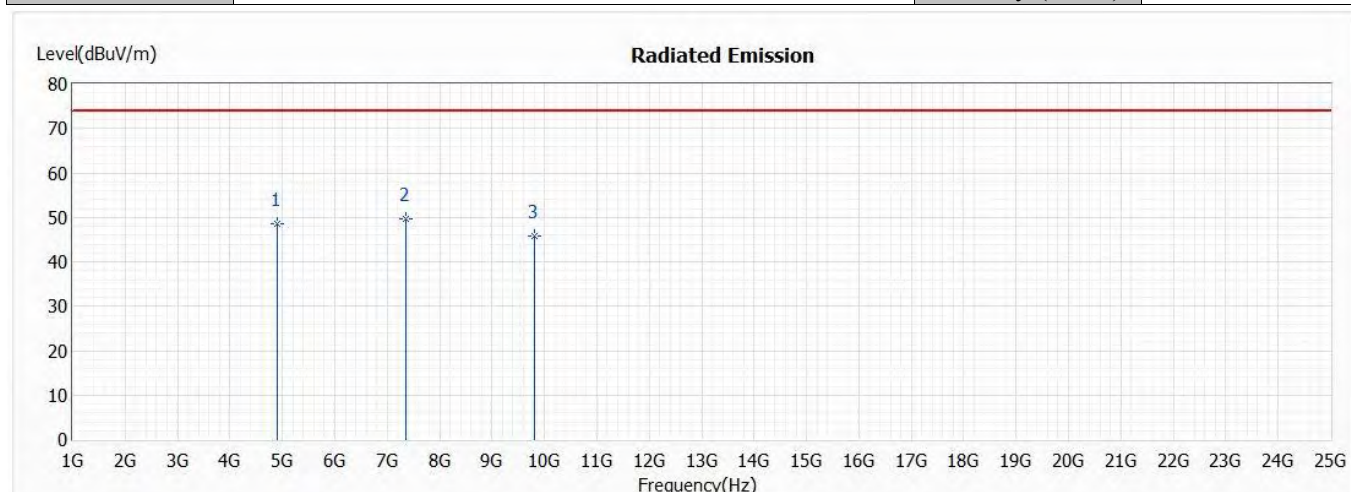
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2452MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4904.000	48.52	74.00	-25.48	49.98	-1.46	PK
* 2	7356.000	49.61	74.00	-24.39	46.70	2.91	PK
3	9808.000	45.93	74.00	-28.07	40.65	5.28	PK

Remark:

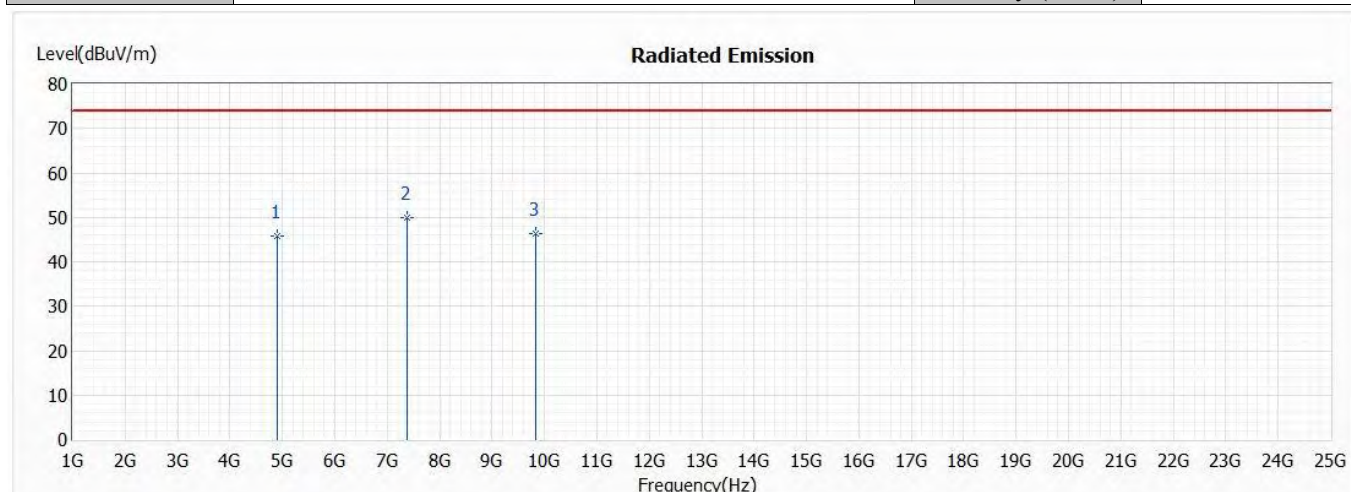
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2457MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4914.000	45.91	74.00	-28.09	47.30	-1.39	PK
* 2	7371.000	49.82	74.00	-24.18	46.86	2.96	PK
3	9828.000	46.40	74.00	-27.60	41.08	5.32	PK

Remark:

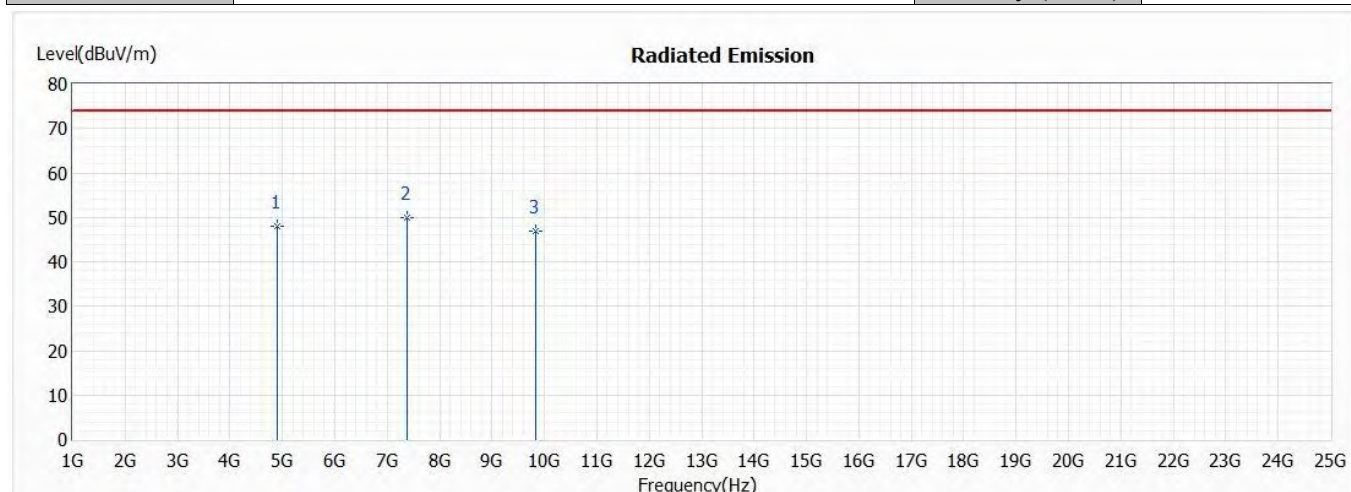
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2457MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4914.000	48.03	74.00	-25.97	49.42	-1.39	PK
* 2	7371.000	49.92	74.00	-24.08	46.96	2.96	PK
3	9828.000	46.80	74.00	-27.20	41.48	5.32	PK

Remark:

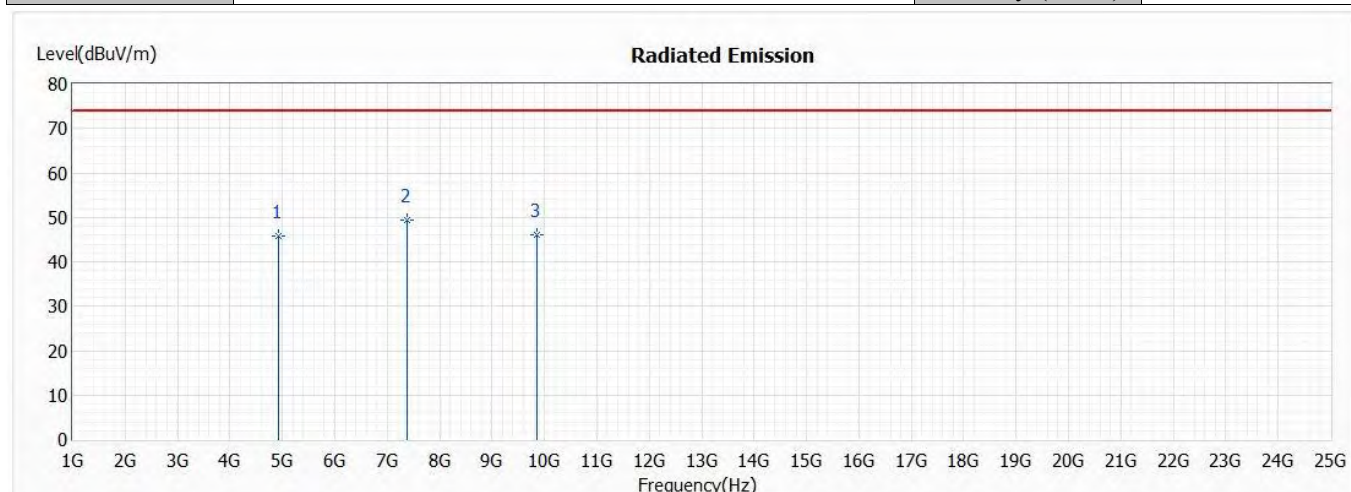
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2462MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	45.78	74.00	-28.22	47.10	-1.32	PK
* 2	7386.000	49.36	74.00	-24.64	46.36	3.00	PK
3	9848.000	46.18	74.00	-27.82	40.81	5.37	PK

Remark:

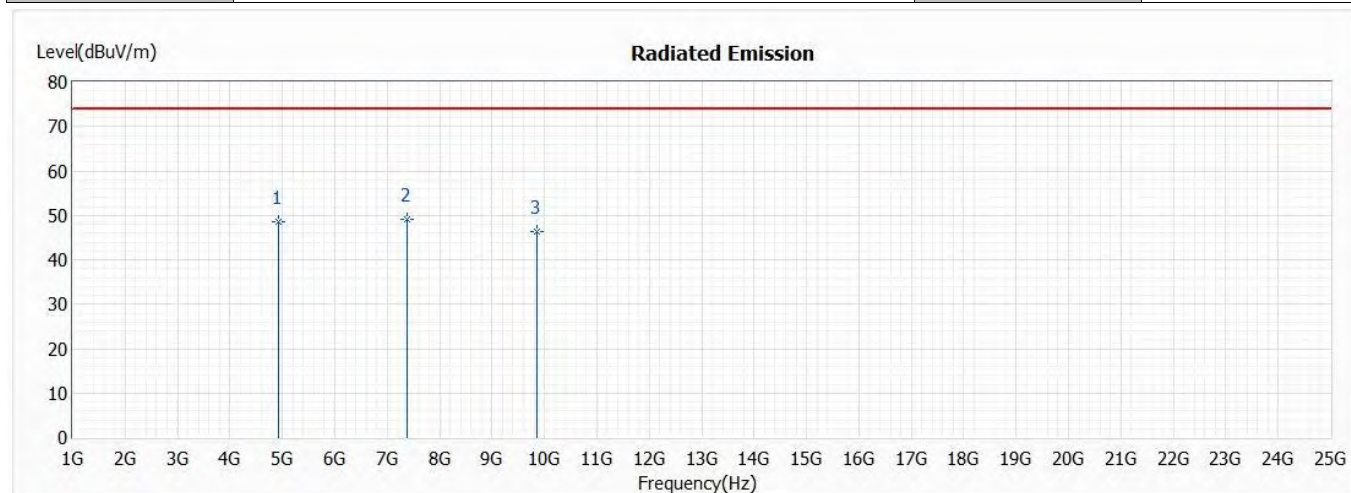
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/19
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2462MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4924.000	48.50	74.00	-25.50	49.82	-1.32	PK
* 2	7386.000	49.12	74.00	-24.88	46.12	3.00	PK
3	9848.000	46.45	74.00	-27.55	41.08	5.37	PK

Remark:

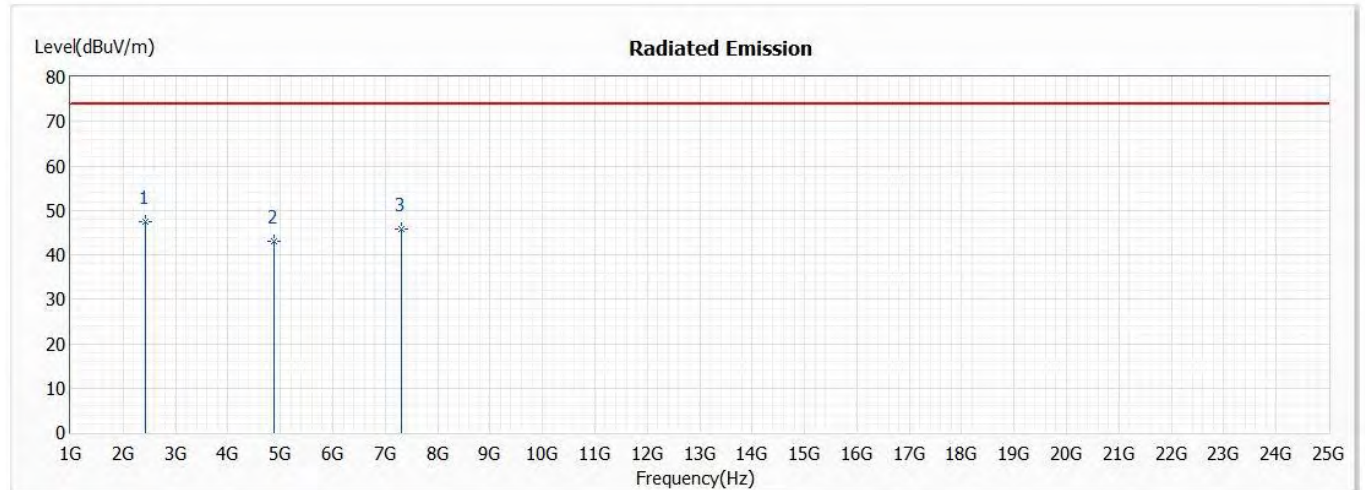
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 11: SISO A: 接收器 802.11g	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3

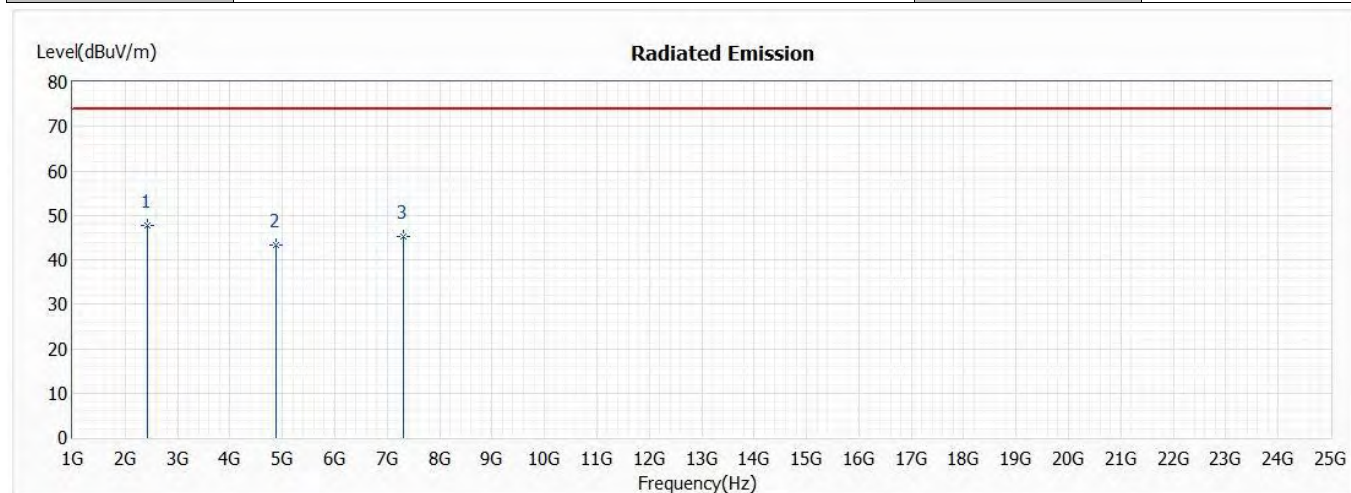


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	2437.000	47.49	74.00	-26.51	53.13	-5.64	PK
2	4874.000	43.06	74.00	-30.94	44.56	-1.50	PK
3	7311.000	45.84	74.00	-28.16	42.89	2.95	PK

Remark:

- "*" means this data is the worst emission level;
"!" means this data is over limit.
- Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).
- Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 11: SISO A: 接收器 802.11g	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	2437.000	47.63	74.00	-26.37	53.27	-5.64	PK
2	4874.000	43.40	74.00	-30.60	44.90	-1.50	PK
3	7311.000	45.36	74.00	-28.64	42.41	2.95	PK

Remark:

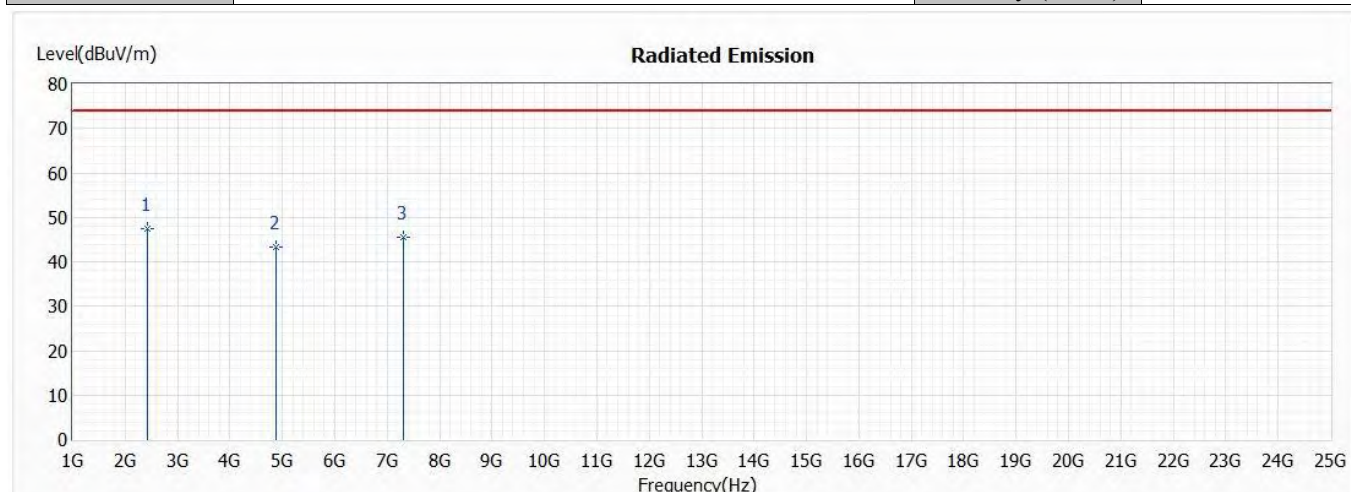
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 12: MIMO: 接收器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	2437.000	47.51	74.00	-65.39	53.15	-5.64	PK
2	4874.000	43.28	74.00	-30.72	44.78	-1.50	PK
3	7311.000	45.65	74.00	-28.35	42.70	2.95	PK

Remark:

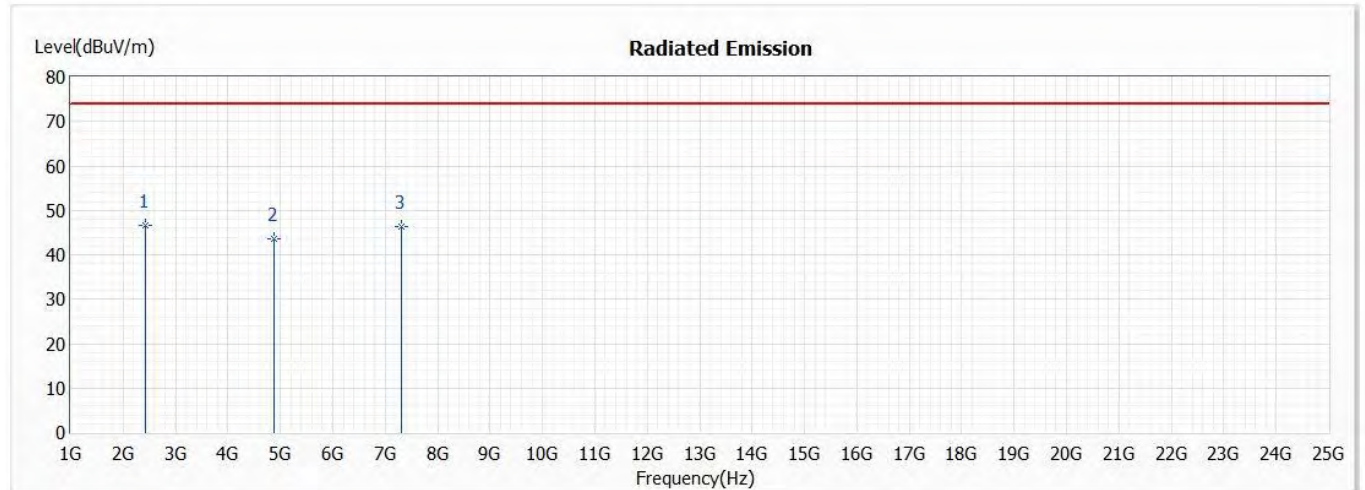
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 12: MIMO: 接收器 802.11n (40MHz)	Engineer	Johnny Lee
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	2437.000	46.70	74.00	-27.30	52.34	-5.64	PK
2	4874.000	43.47	74.00	-30.53	44.97	-1.50	PK
3	7311.000	46.22	74.00	-27.78	43.27	2.95	PK

Remark:

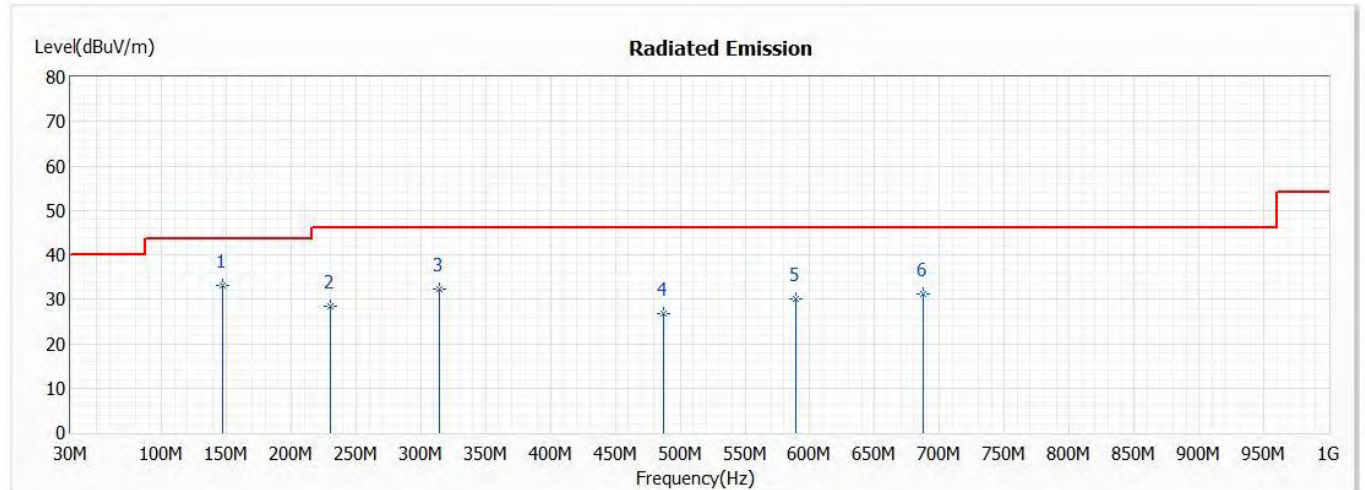
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Nick Chen
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	147.147	33.15	43.50	-10.35	41.56	-8.41	QP
2	230.000	28.31	46.00	-17.69	38.34	-10.03	QP
3	314.000	32.15	46.00	-13.85	40.15	-8.00	QP
4	487.000	26.74	46.00	-19.26	31.22	-4.48	QP
5	589.000	30.12	46.00	-15.88	32.73	-2.61	QP
6	687.000	31.14	46.00	-14.86	32.73	-1.59	QP

Remark:

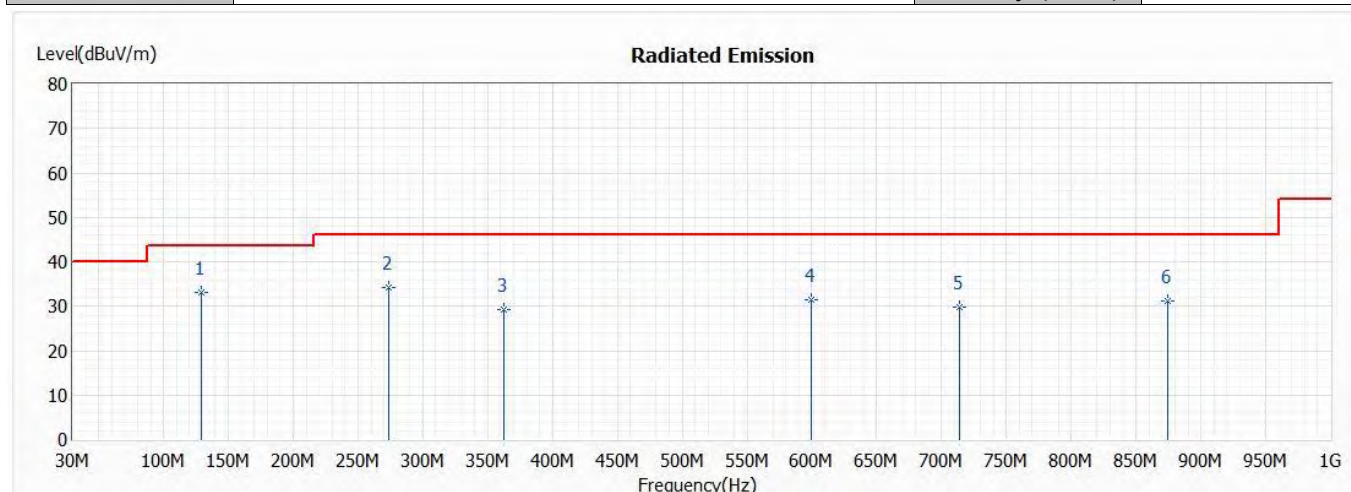
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 2: SISO A: 發射器 802.11g	Engineer	Nick Chen
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	129.000	33.15	43.50	-10.35	42.83	-9.68	QP
2	274.000	34.15	46.00	-11.85	43.14	-8.99	QP
3	362.000	29.35	46.00	-16.65	36.46	-7.11	QP
4	600.000	31.47	46.00	-14.53	33.75	-2.28	QP
5	714.000	29.87	46.00	-16.13	31.10	-1.23	QP
6	874.000	31.12	46.00	-14.88	30.58	0.54	QP

Remark:

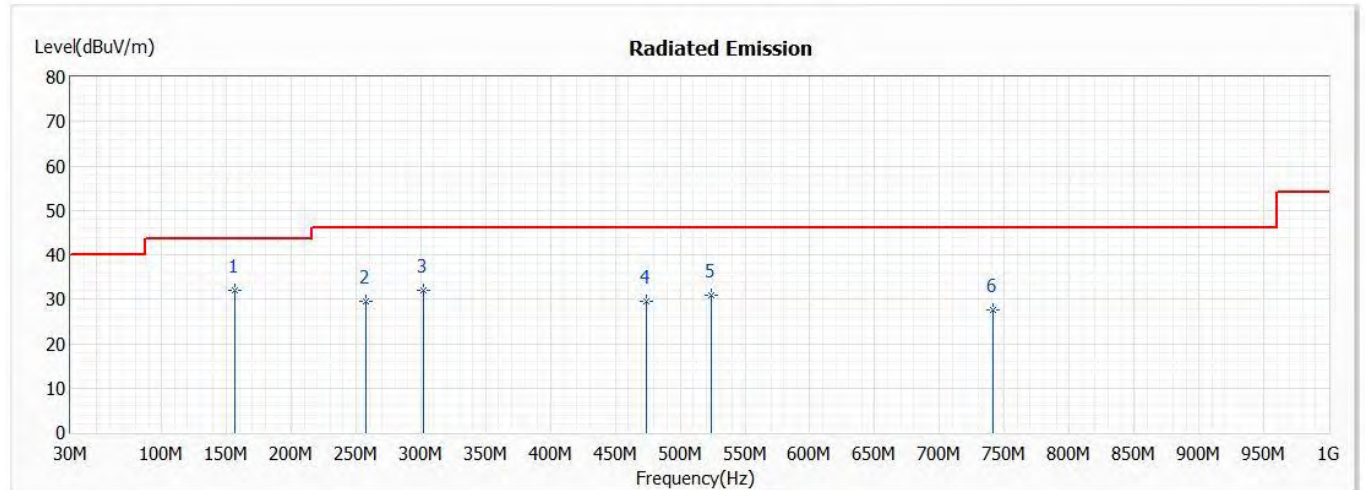
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 11: SISO A: 接收器 802.11g	Engineer	Nick Chen
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3

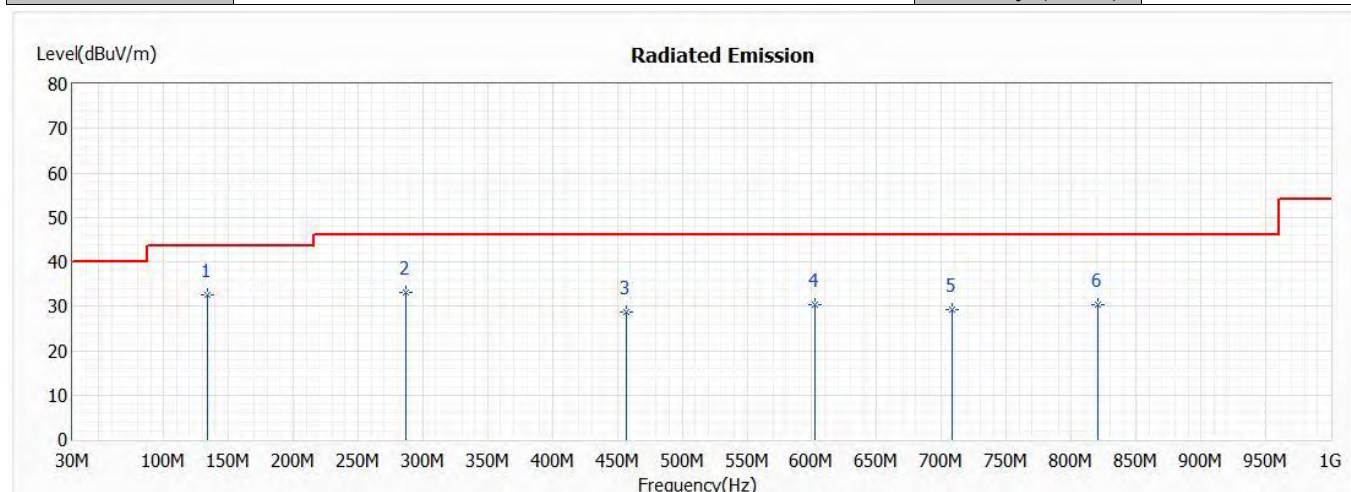


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	157.000	32.12	43.50	-11.38	40.48	-8.36	QP
2	258.000	29.54	46.00	-16.46	39.11	-9.57	QP
3	302.000	31.87	46.00	-14.13	40.10	-8.23	QP
4	474.000	29.58	46.00	-16.42	34.17	-4.59	QP
5	524.000	30.87	46.00	-15.13	34.50	-3.63	QP
6	741.000	27.54	46.00	-18.46	28.26	-0.72	QP

Remark:

1. "*" means this data is the worst emission level;
"!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).
3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 11: SISO A: 接收器 802.11g	Engineer	Nick Chen
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	134.000	32.47	43.50	-11.03	41.63	-9.16	QP
2	287.000	33.17	46.00	-12.83	41.89	-8.72	QP
3	457.000	28.78	46.00	-17.22	33.70	-4.92	QP
4	602.000	30.22	46.00	-15.78	32.50	-2.28	QP
5	708.000	29.15	46.00	-16.85	30.41	-1.26	QP
6	821.000	30.29	46.00	-15.71	30.23	0.06	QP

Remark:

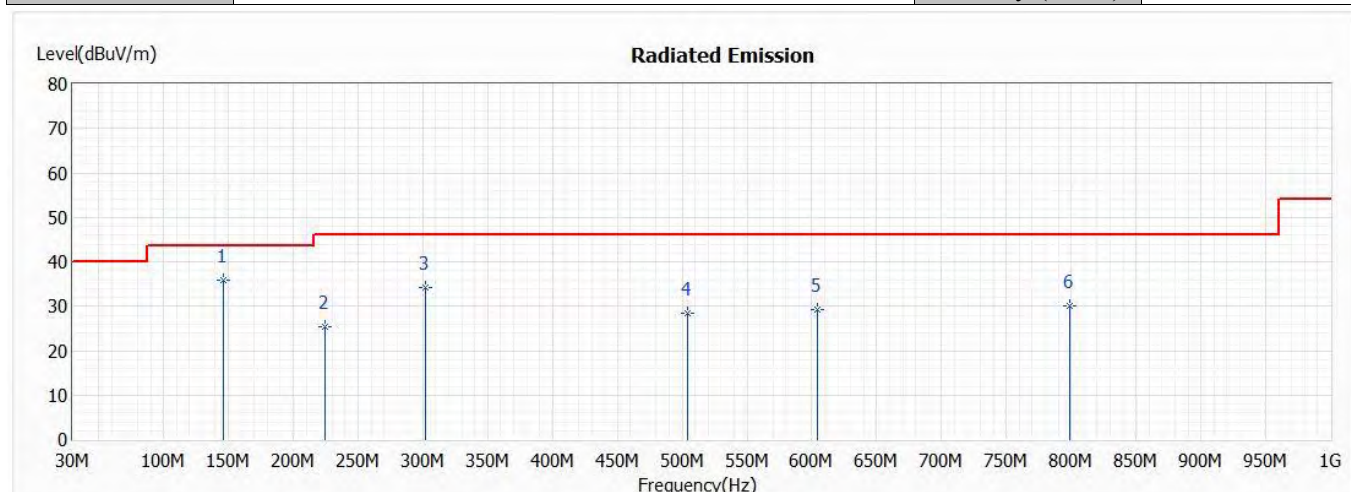
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Nick Chen
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	145.870	35.75	43.50	-7.75	44.26	-8.51	QP
2	224.570	25.27	46.00	-20.73	35.83	-10.56	QP
3	301.857	34.29	46.00	-11.71	42.53	-8.24	QP
4	504.210	28.47	46.00	-17.53	32.69	-4.22	QP
5	604.210	29.14	46.00	-16.86	31.43	-2.29	QP
6	799.000	30.14	46.00	-15.86	30.17	-0.03	QP

Remark:

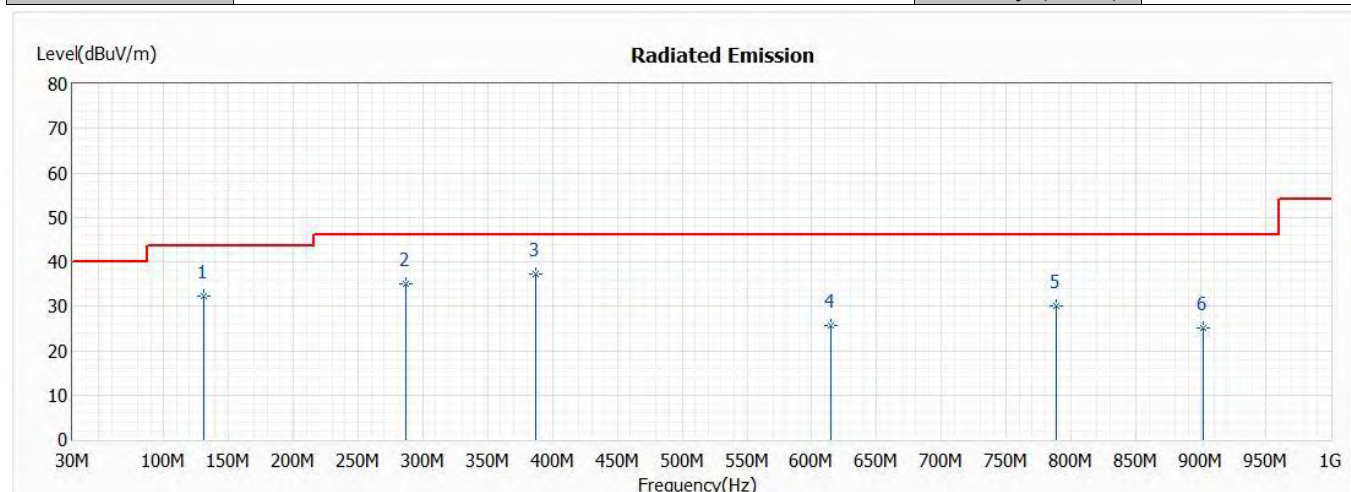
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 10: MIMO: 發射器 802.11n (40MHz)	Engineer	Nick Chen
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	130.847	32.21	43.50	-11.29	41.69	-9.48	QP
2	287.140	35.14	46.00	-10.86	43.86	-8.72	QP
* 3	387.145	37.24	46.00	-8.76	43.60	-6.36	QP
4	614.210	25.67	46.00	-20.33	27.97	-2.30	QP
5	788.000	30.12	46.00	-15.88	30.25	-0.13	QP
6	902.000	25.14	46.00	-20.86	24.18	0.96	QP

Remark:

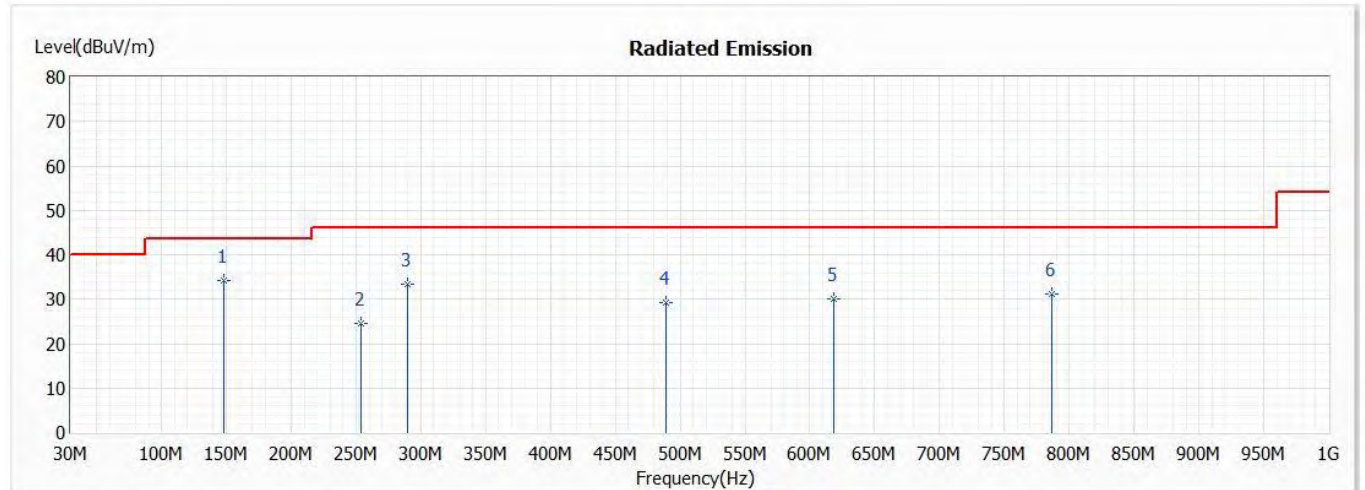
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 12: MIMO: 接收器 802.11n (40MHz)	Engineer	Nick Chen
Polarity	Horizontal	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	147.870	34.17	43.50	-9.33	42.66	-8.49	QP
2	254.120	24.58	46.00	-21.42	34.20	-9.62	QP
3	289.870	33.29	46.00	-12.71	41.98	-8.69	QP
4	489.147	29.14	46.00	-16.86	33.62	-4.48	QP
5	618.000	30.14	46.00	-15.86	32.39	-2.25	QP
6	787.000	31.25	46.00	-14.75	31.39	-0.14	QP

Remark:

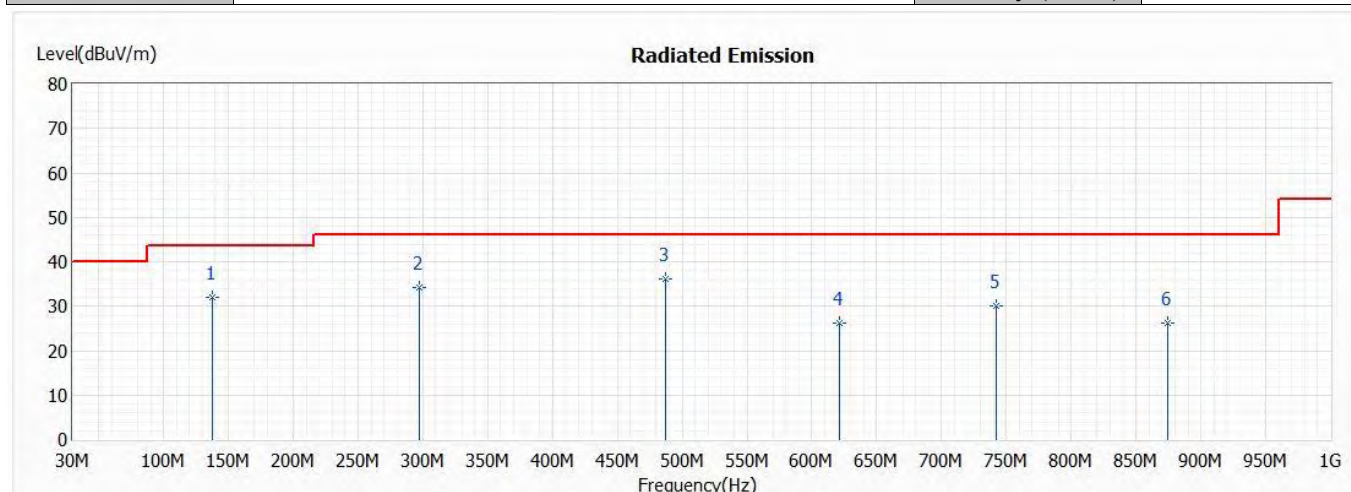
1. "*" means this data is the worst emission level;

"!" means this data is over limit.

2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).

3. Margin= Emission Level- Limit.

Model No	7260NGW	Site	966-2
Test Voltage	AC 110 V / 60 Hz	Test Date	2021/8/23
Test Mode	Mode 12: MIMO: 接收器 802.11n (40MHz)	Engineer	Nick Chen
Polarity	Vertical	Temperature (°C)	23.8
Test Condition	2437MHz	Humidity (%RH)	65.3



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	138.000	32.12	43.50	-11.38	40.87	-8.75	QP
2	297.000	34.16	46.00	-11.84	42.55	-8.39	QP
* 3	487.000	36.26	46.00	-9.74	40.74	-4.48	QP
4	621.000	26.12	46.00	-19.88	28.31	-2.19	QP
5	742.000	30.12	46.00	-15.88	30.83	-0.71	QP
6	874.000	26.12	46.00	-19.88	25.58	0.54	QP

Remark:

1. "*" means this data is the worst emission level;
"!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+ Cable Loss- Pre Amp).
3. Margin= Emission Level- Limit.

射頻輻射場強干擾測試結果:

PASS

7. 混附發射之 RF 傳導發射

7.1. 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 4.10.1.5 節，使用頻帶範圍外之任意 100 千赫 (kHz) 內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫(kHz) 內的射頻功率，至少須衰減 20 dB，以射頻傳導或輻射方式測量。如發射機以本節 4.10.1.2(1)(C) 之峰值傳導輸出功率量測方式者，至少須衰減 30 dB。此外，落於第 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定。

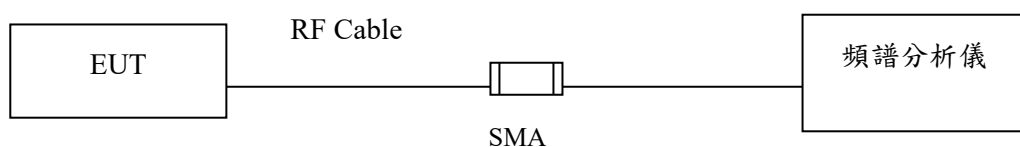
7.2. 量測方法

依據國家通訊傳播委員會低功率射頻器材技術規範之附件三，頻率跳頻展頻系統檢測之參考程序(七) 混附發射之 RF 傳導發射：

(一) 頻譜分析儀設定如下：

1. 頻率掃描範圍足以檢測頻帶內的發射波峰位準以及由受測物產生之最低頻率到第 10 次諧波的所有混附發射，通常需要分幾段以涵蓋全部頻率範圍。
2. 解析頻寬為 100kHz，視訊頻寬不小於解析頻寬。
3. 掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留(Max Hold)。
4. 將標記設定於任何欲紀錄之波峰上，所顯示之位準值必須符合指定之限制值。

7.3. 測試架構圖



7.4. 混附發射之 RF 傳導發射測試結果

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 01 (2412MHz)

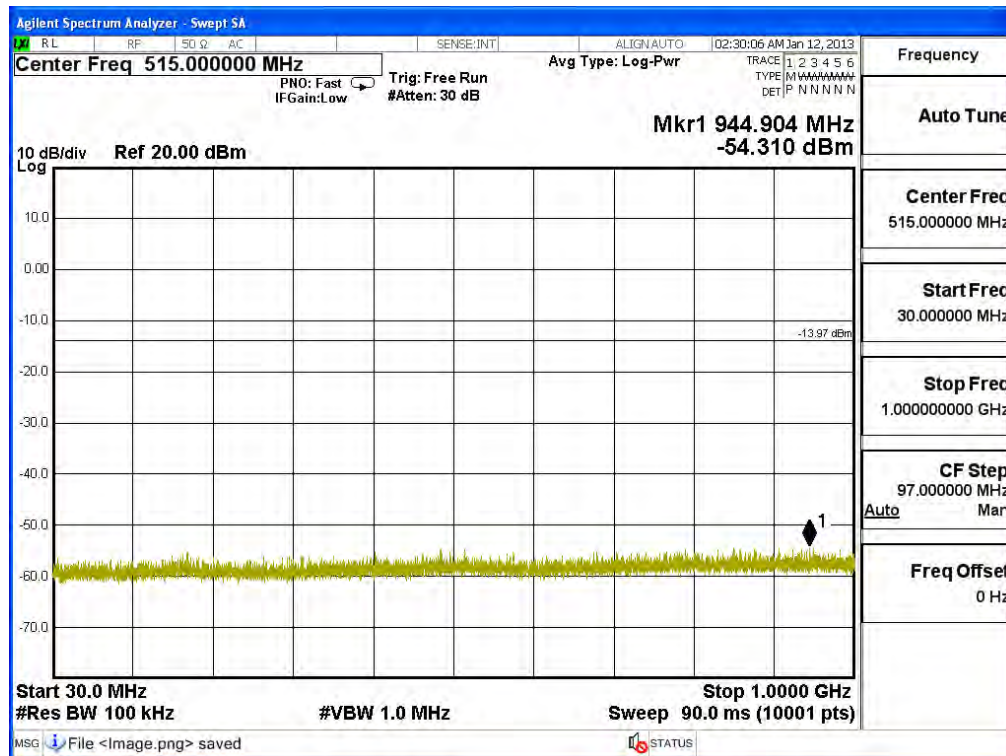
測試日期：102 年 01 月 12 日

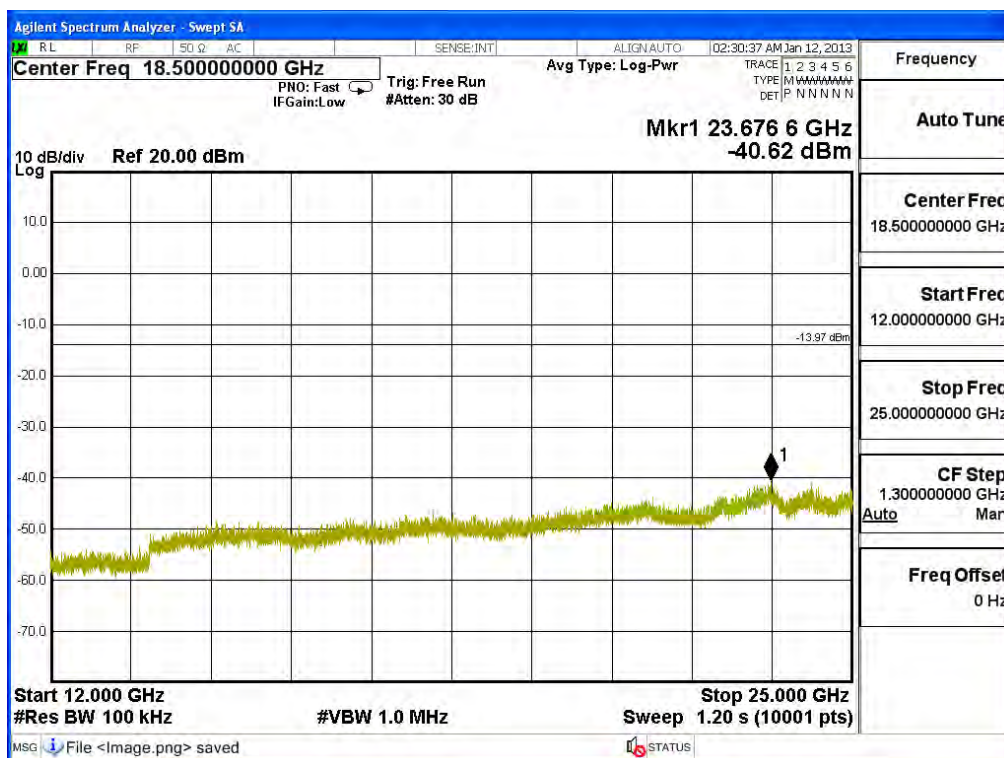
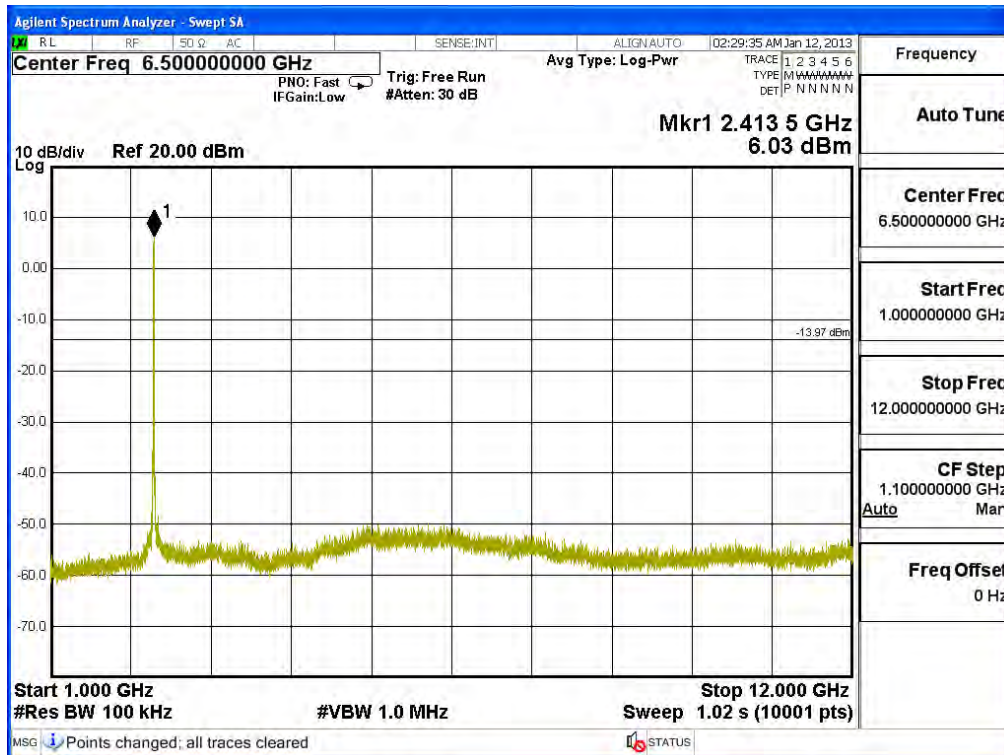
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 1: SISO A: 發射器 802.11b

檢測器：峰值

30MHz-25GHz





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 06 (2437MHz)

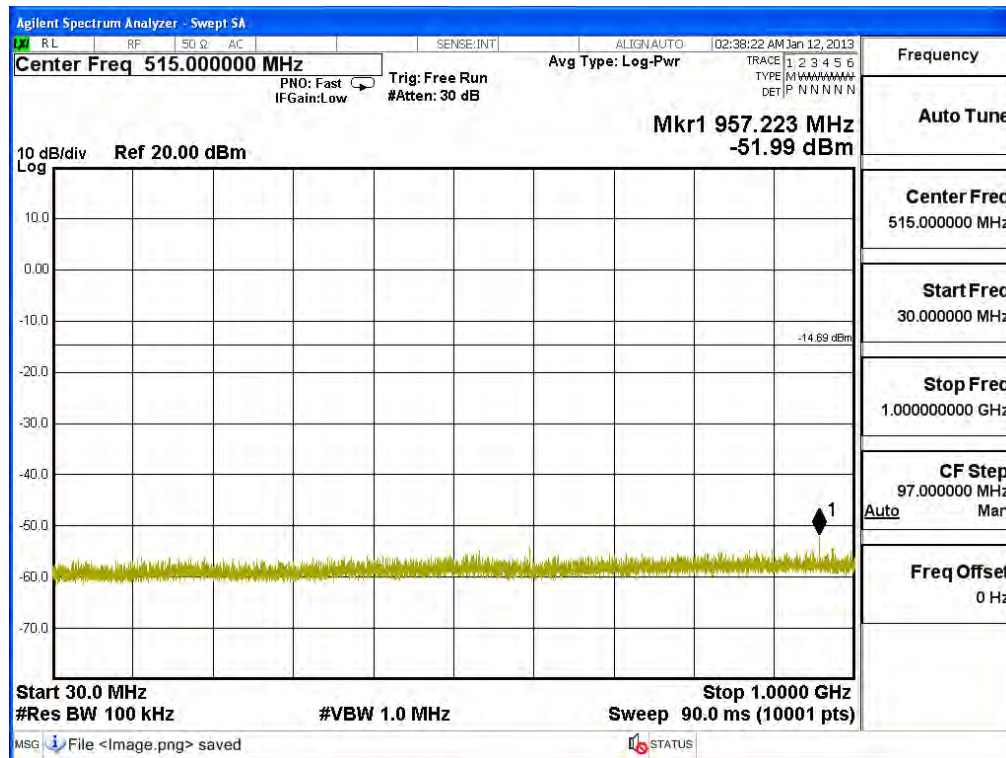
測試日期：102 年 01 月 12 日

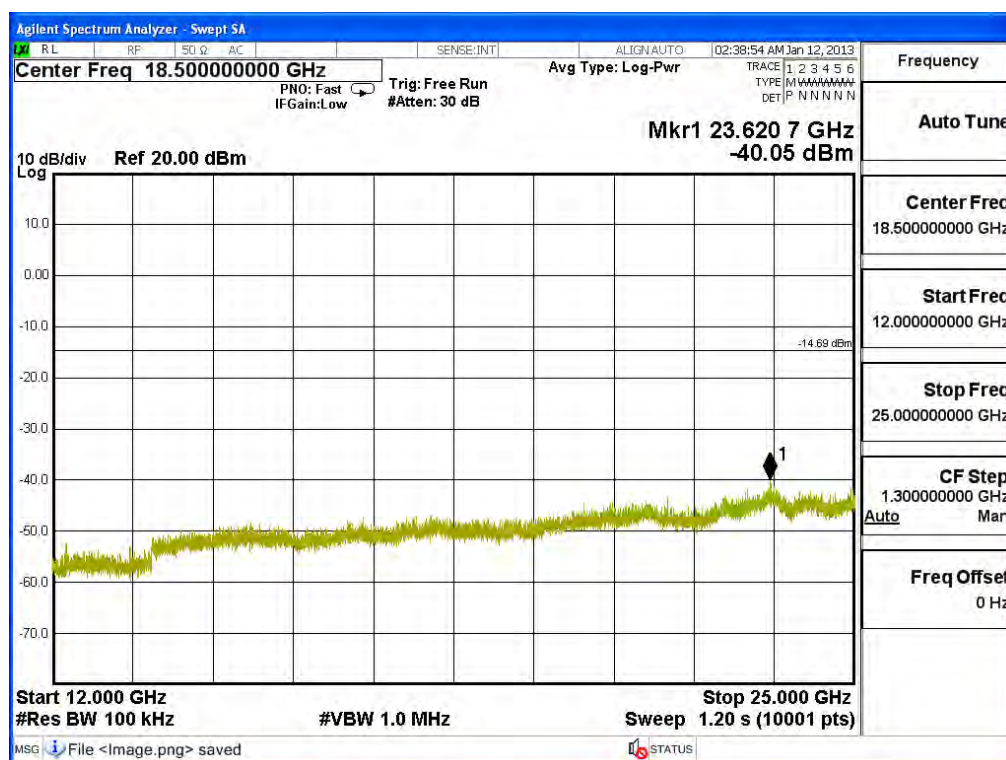
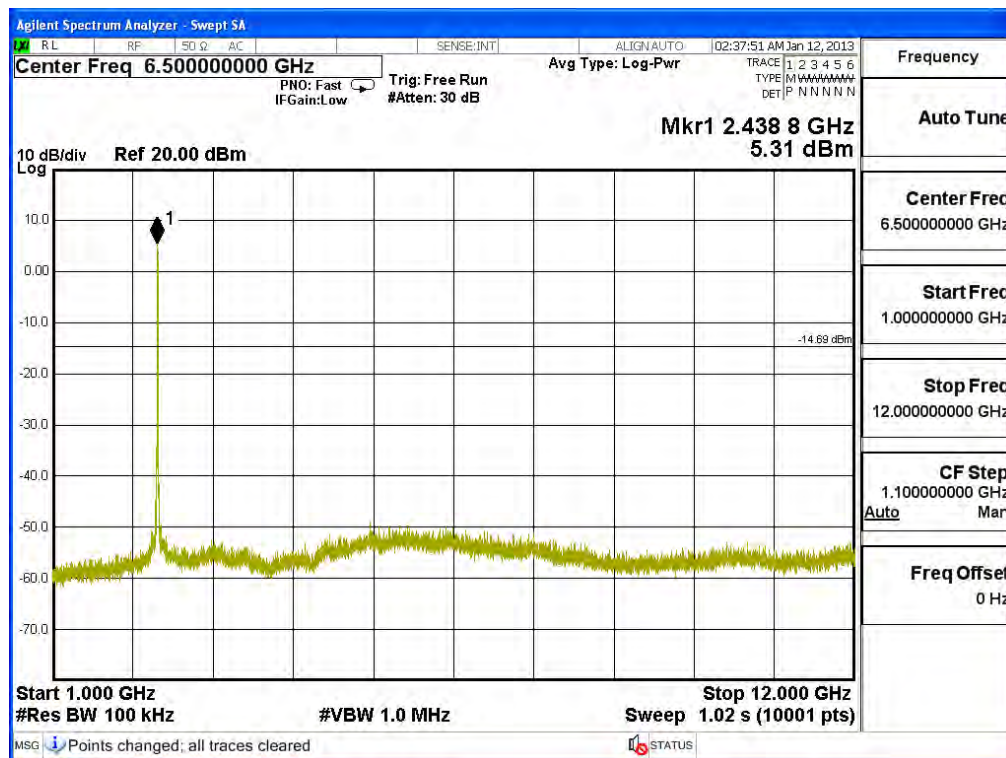
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 1: SISO A: 發射器 802.11b

檢測器：峰值

30MHz-25GHz





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 11 (2462MHz)

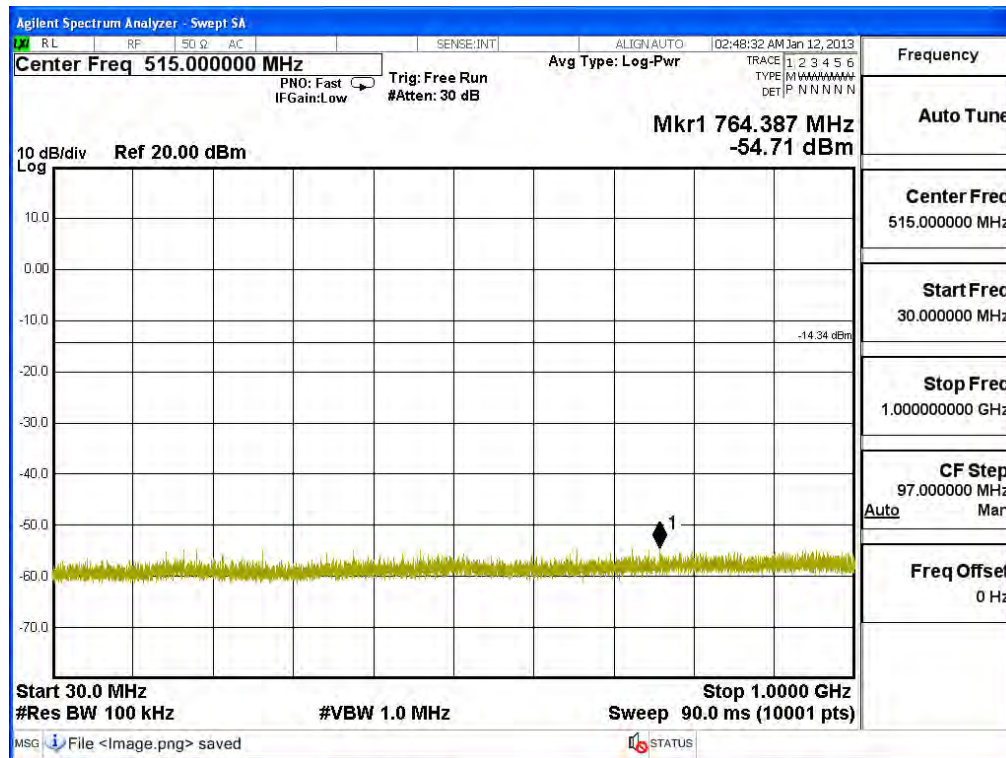
測試日期：110 年 08 月 06 日

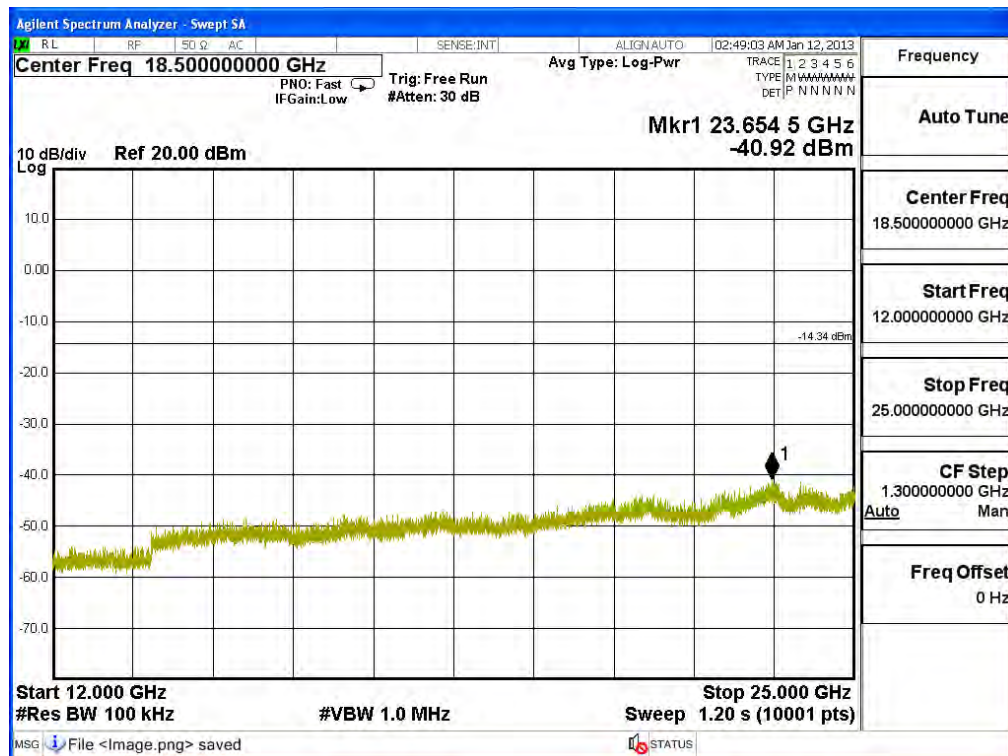
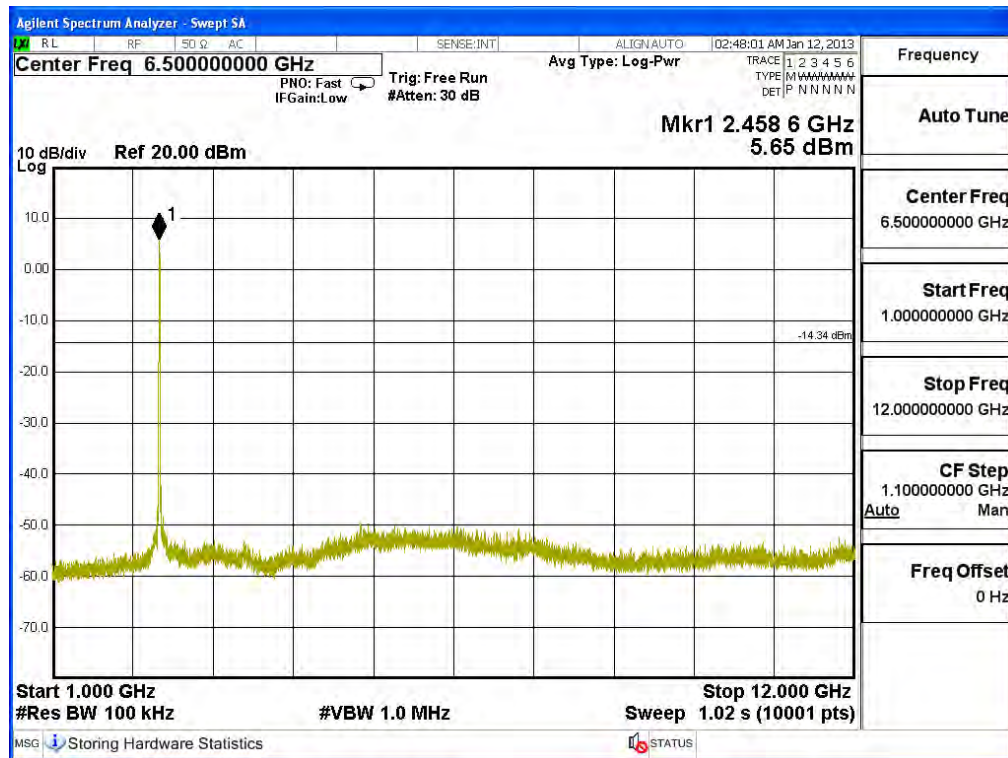
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 1: SISO A: 發射器 802.11b

檢測器：峰值

30MHz-25GHz





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 12 (2467MHz)

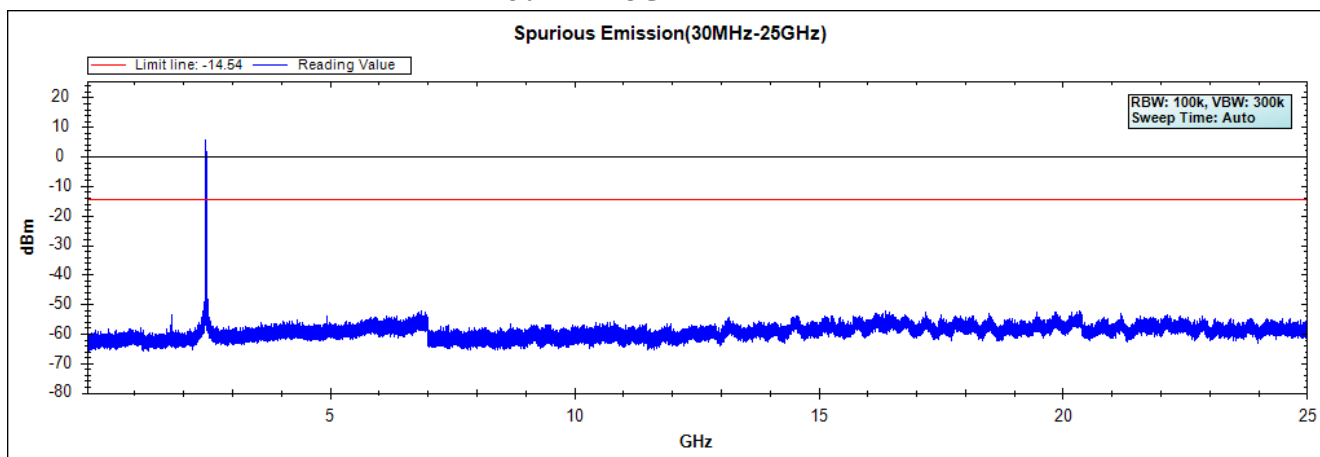
測試日期：110 年 08 月 16 日

測試項目：混附發射之 RF 傳導發射

測試模式：Mode 1: SISO A: 發射器 802.11b

檢測器：峰值

30MHz-25GHz



待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

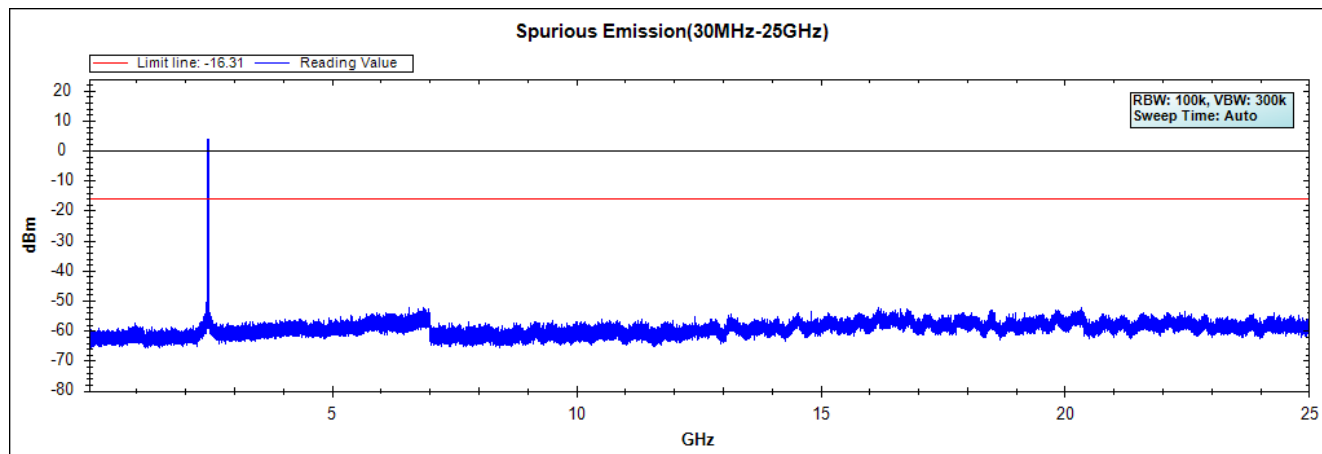
測試頻道：CH 13 (2472MHz)

測試日期：110 年 08 月 16 日

測試項目：混附發射之 RF 傳導發射

測試模式：Mode 1: SISO A: 發射器 802.11b

檢測器：峰值

30MHz-25GHz

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 01 (2412MHz)

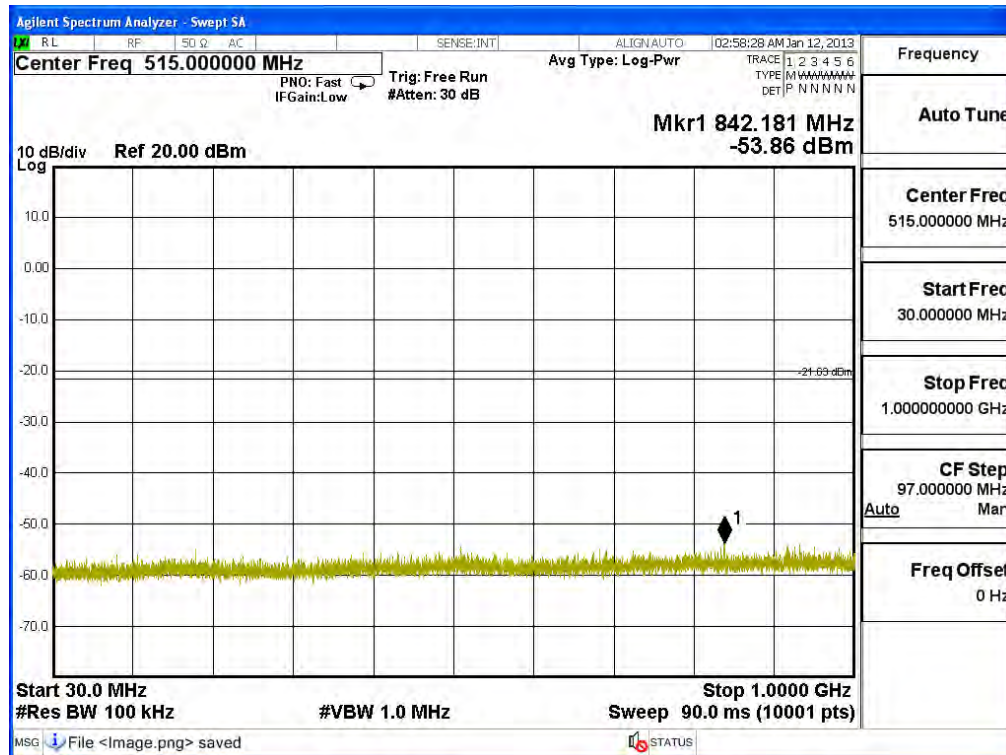
測試日期：102 年 01 月 12 日

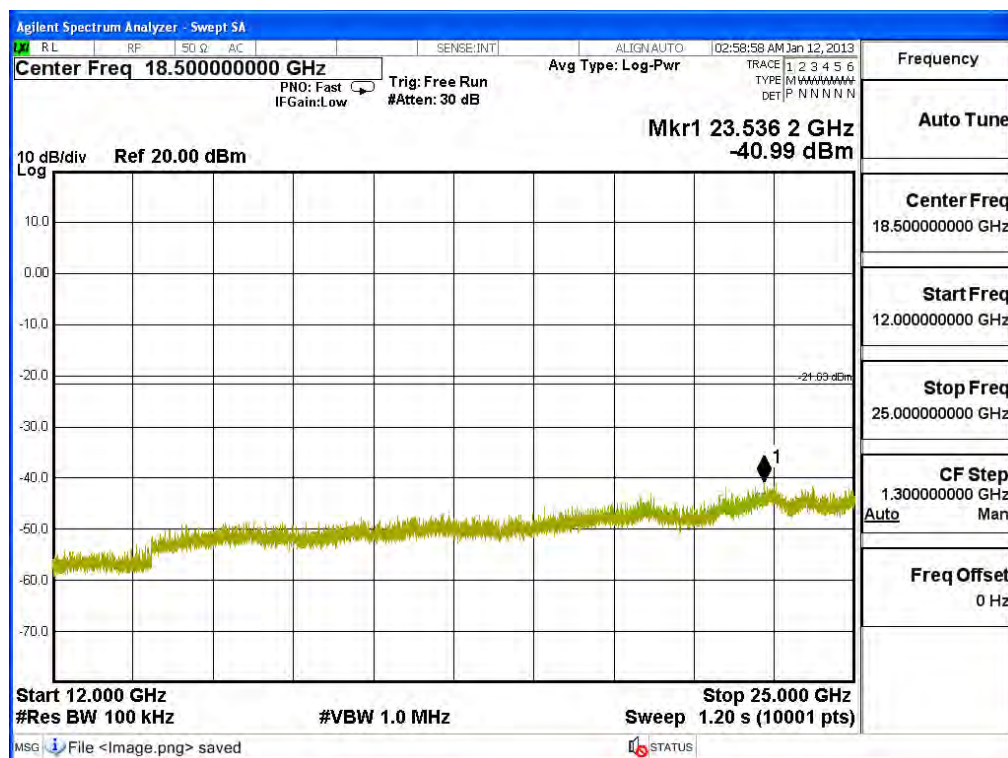
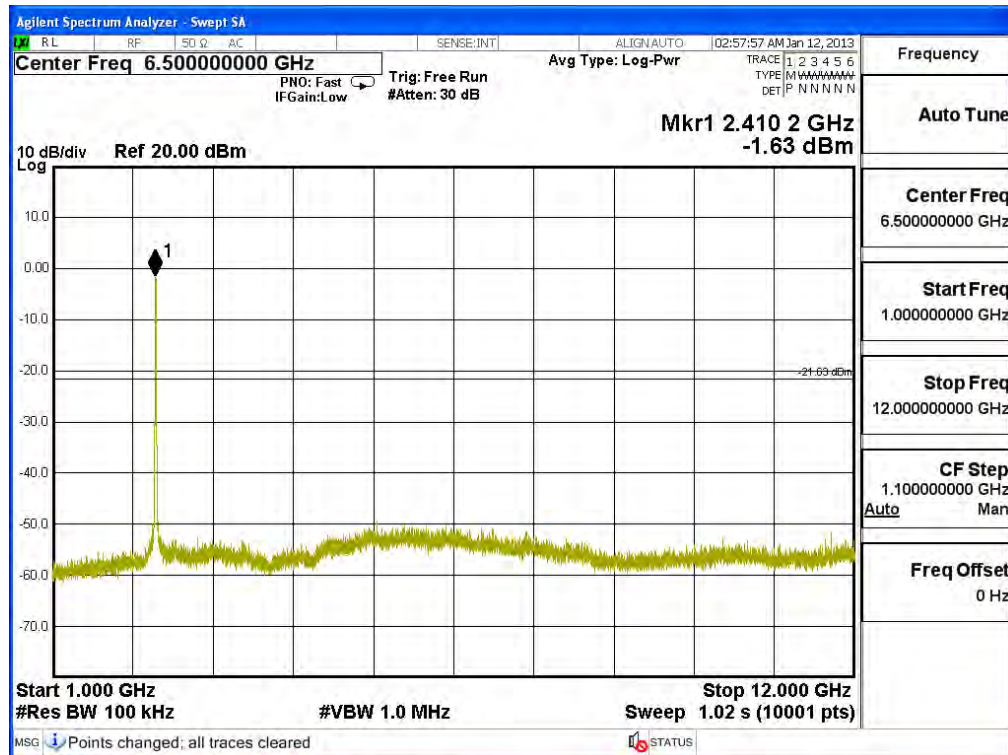
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 2: SISO A: 發射器 802.11g

檢測器：峰值

30MHz-25GHz





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 06 (2437MHz)

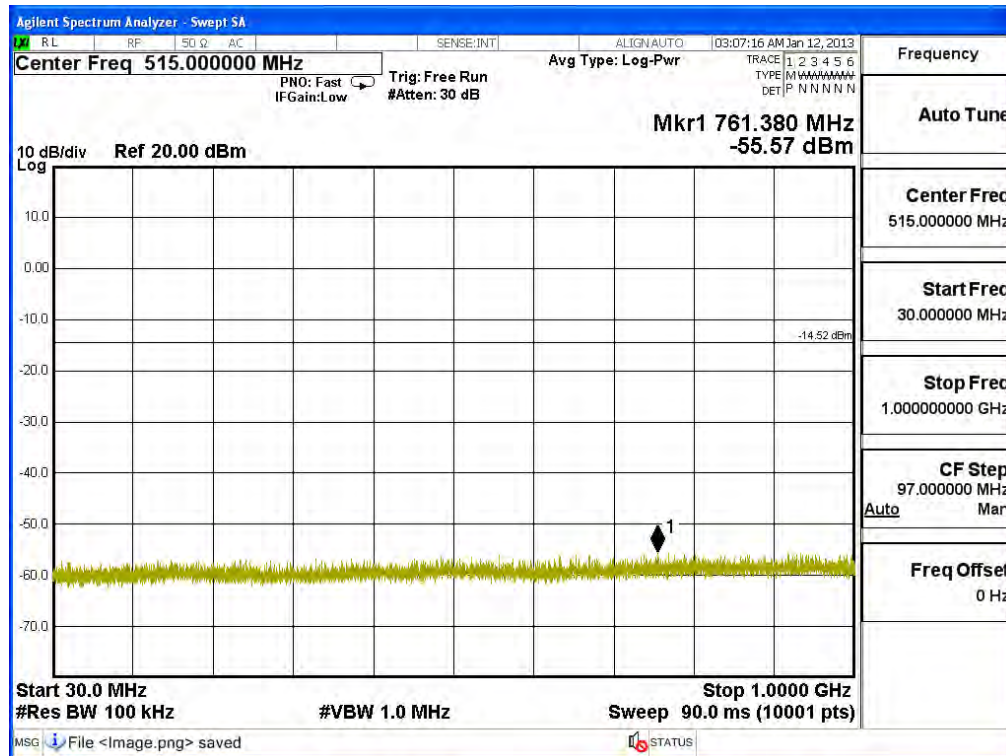
測試日期：102 年 01 月 12 日

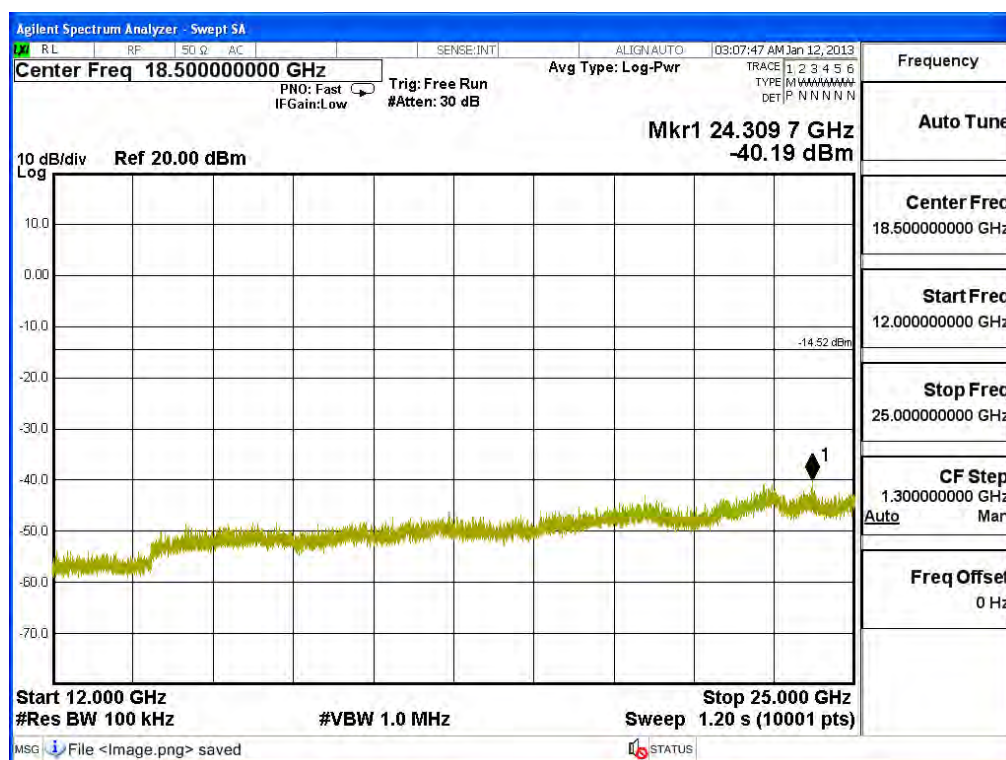
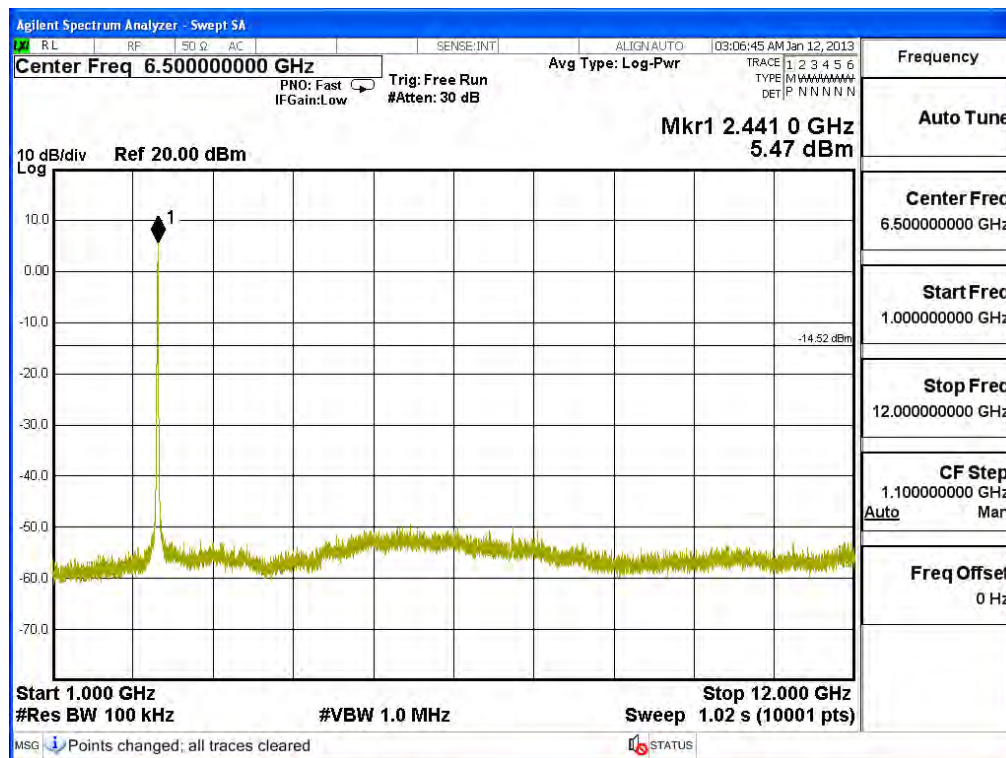
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 2: SISO A: 發射器 802.11g

檢測器：峰值

30MHz-25GHz





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 11 (2462MHz)

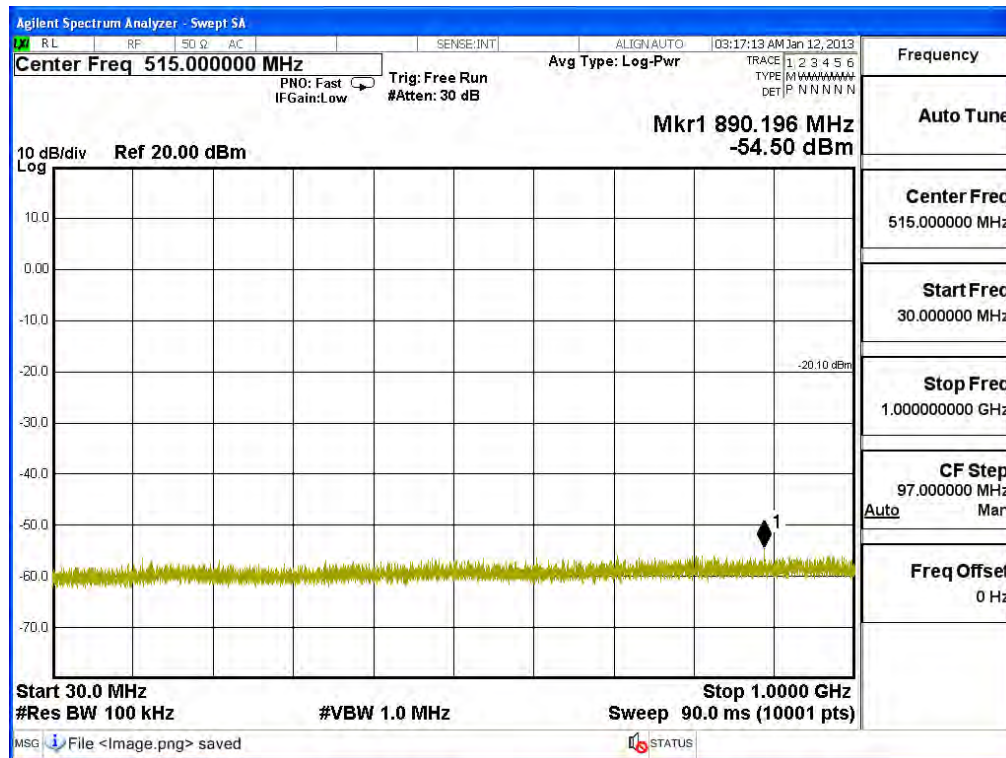
測試日期：102 年 01 月 12 日

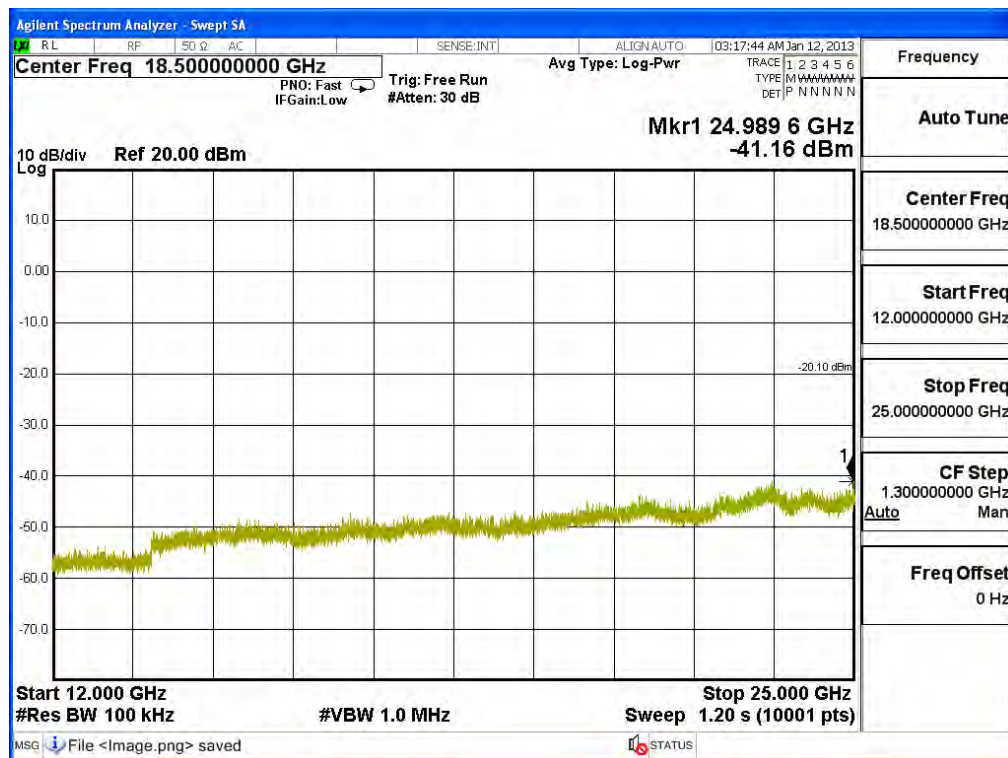
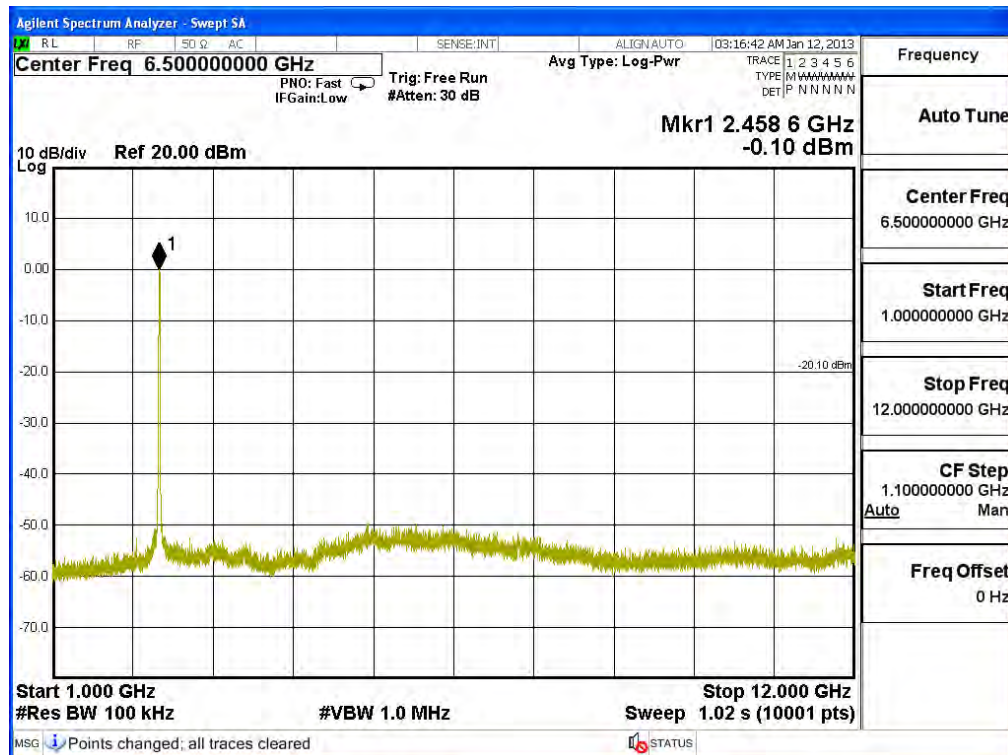
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 2: SISO A: 發射器 802.11g

檢測器：峰值

30MHz-25GHz





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

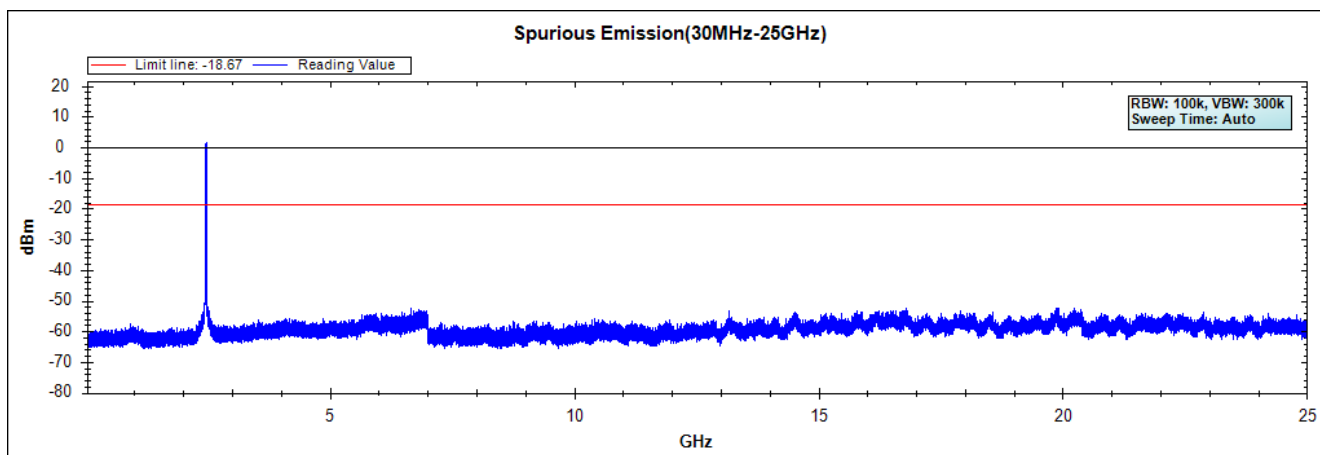
測試頻道：CH 11 (2462MHz)

測試日期：102 年 08 月 16 日

測試項目：混附發射之 RF 傳導發射

測試模式：Mode 2: SISO A: 發射器 802.11g

檢測器：峰值

30MHz-25GHz

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

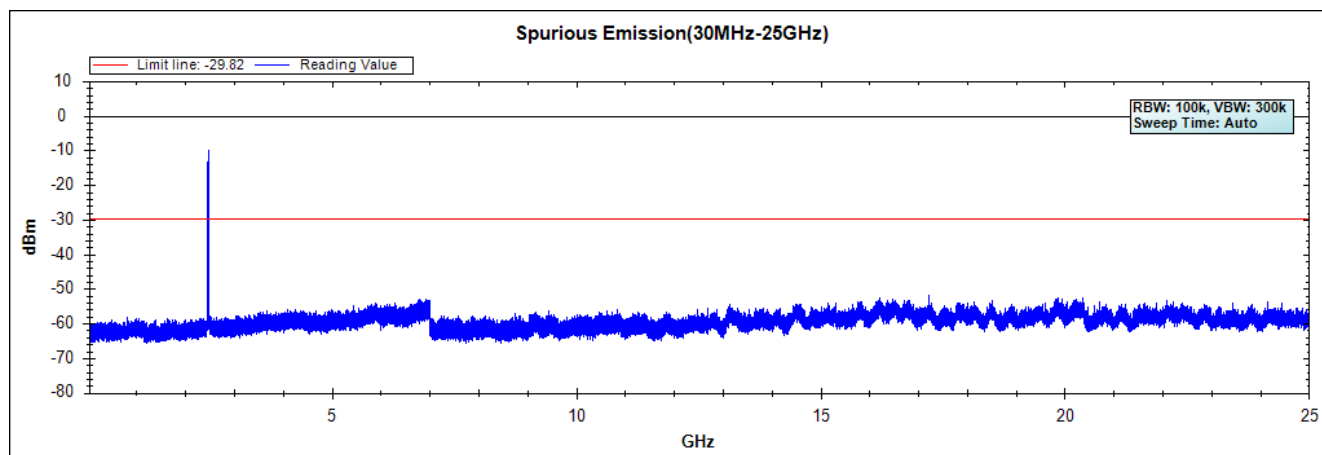
測試頻道：CH 13 (2472MHz)

測試日期：102 年 08 月 16 日

測試項目：混附發射之 RF 傳導發射

測試模式：Mode 2: SISO A: 發射器 802.11g

檢測器：峰值

30MHz-25GHz

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 01 (2412MHz)

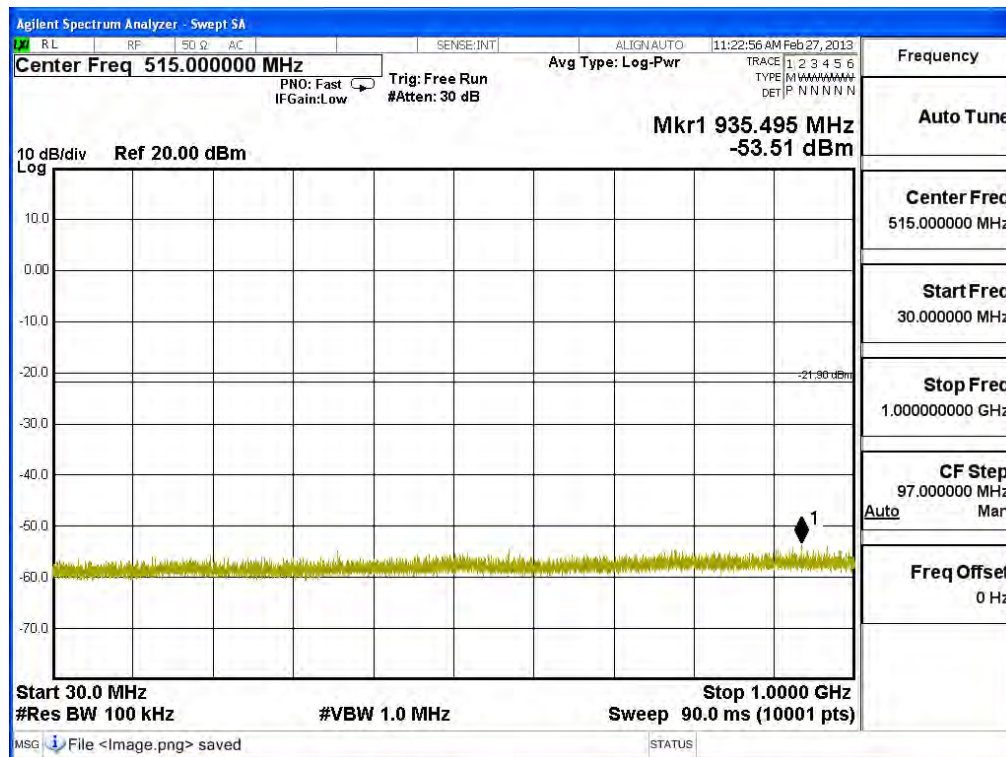
測試日期：102 年 01 月 12 日

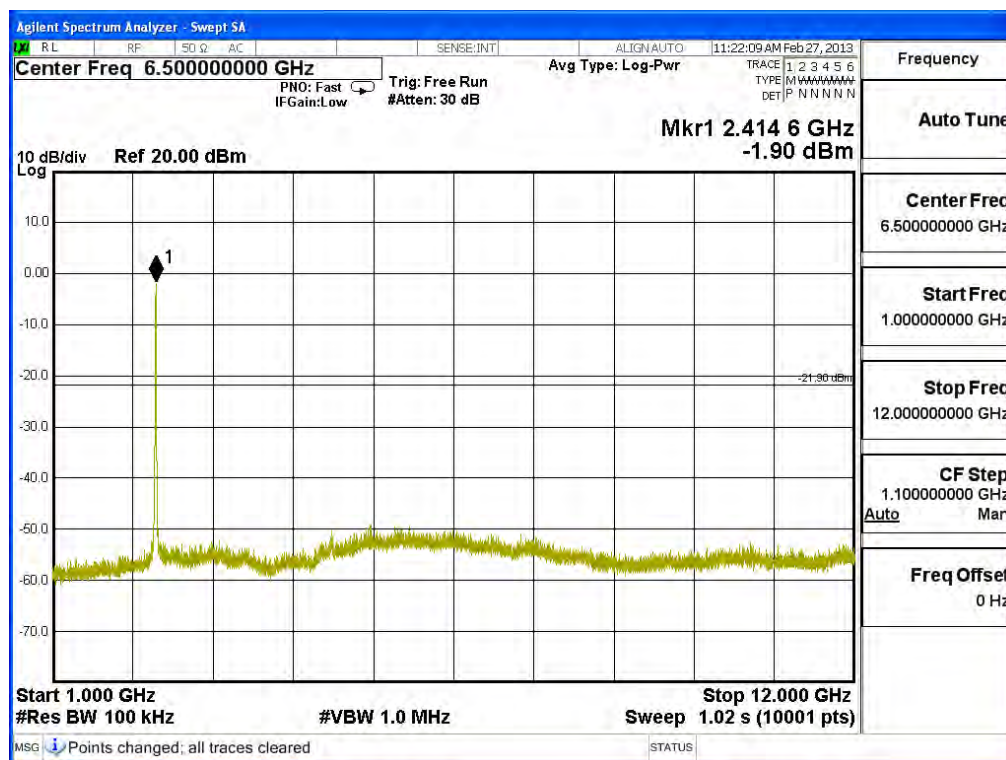
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

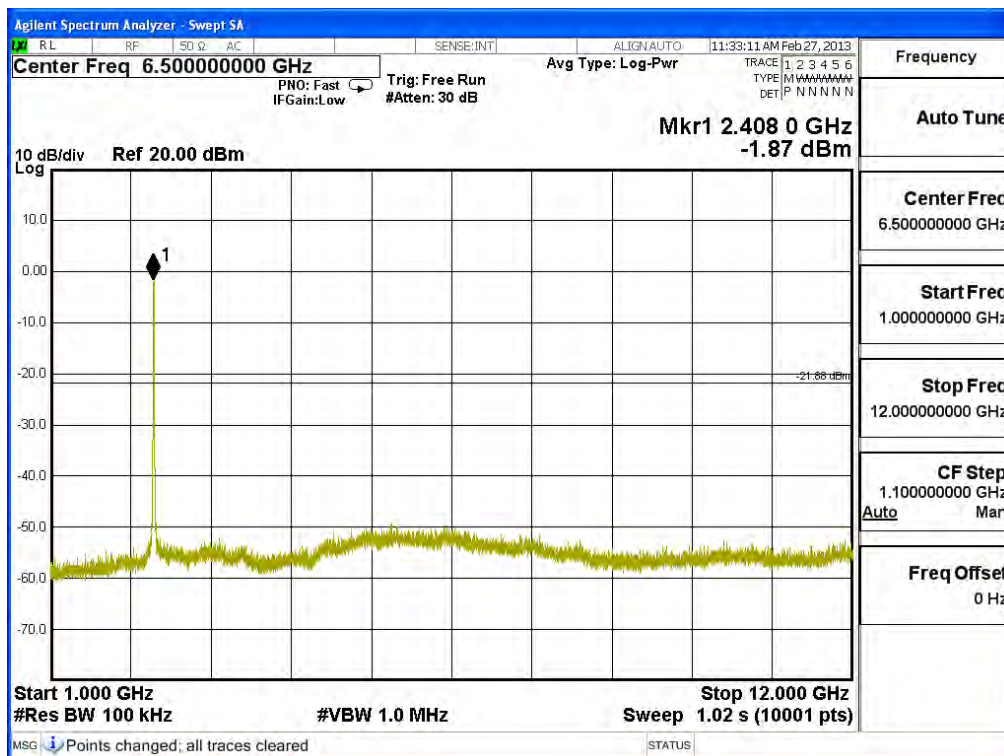
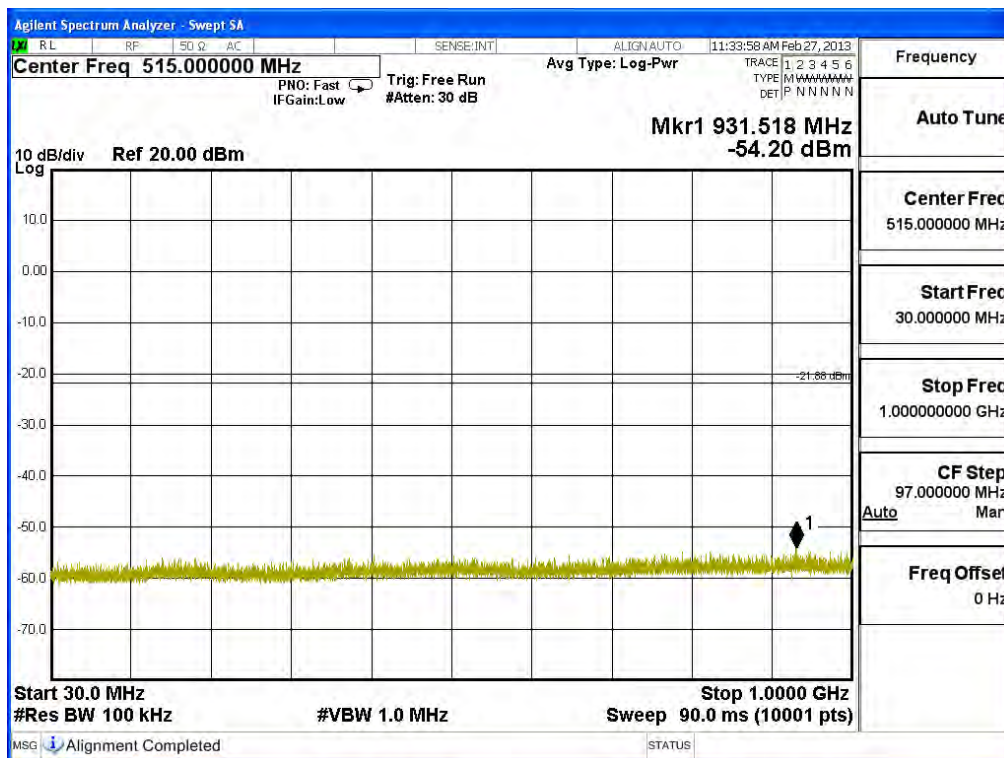
檢測器：峰值

30MHz-25GHz (Chain A)





30MHz-25GHz (Chain B)





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 07 (2442MHz)

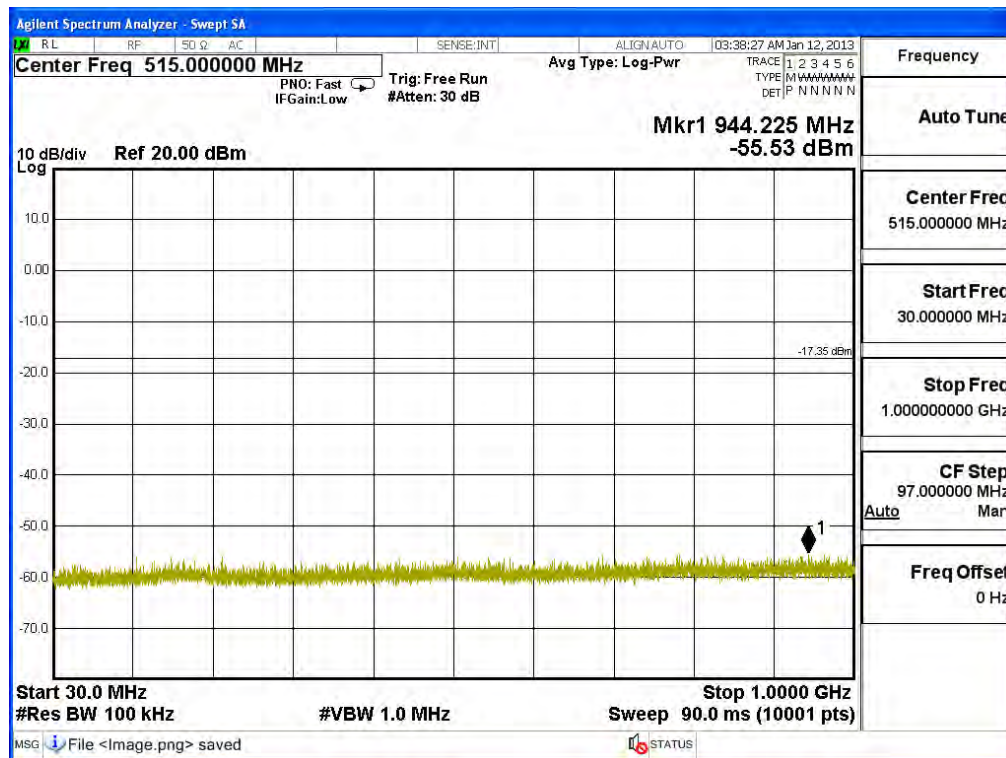
測試日期：102 年 01 月 12 日

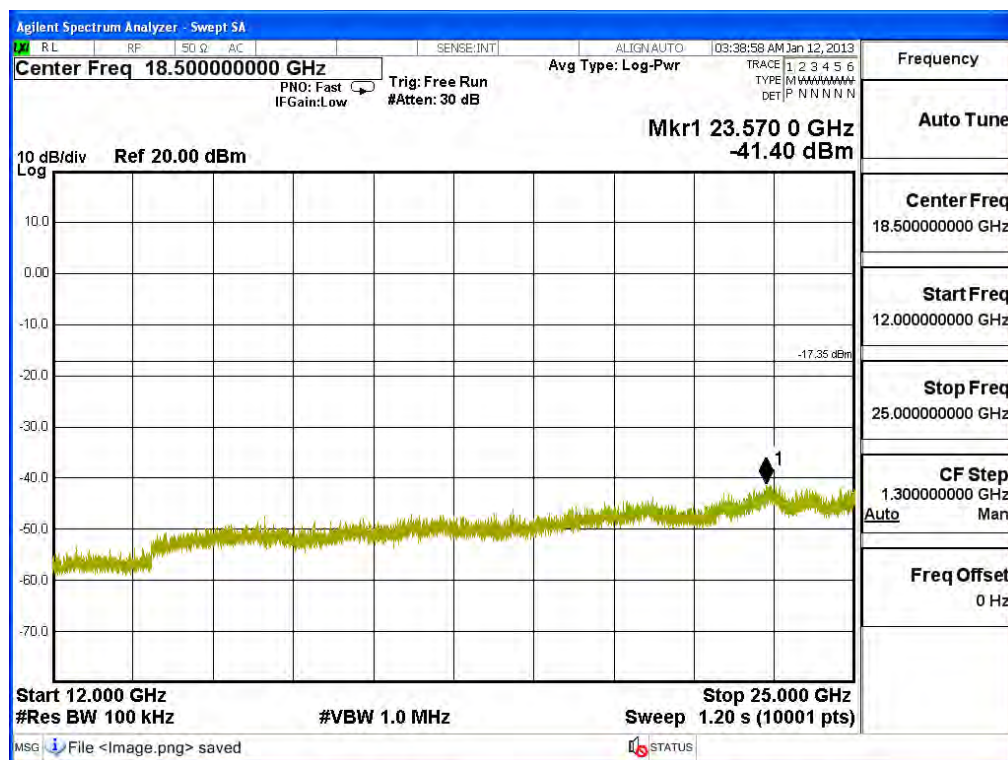
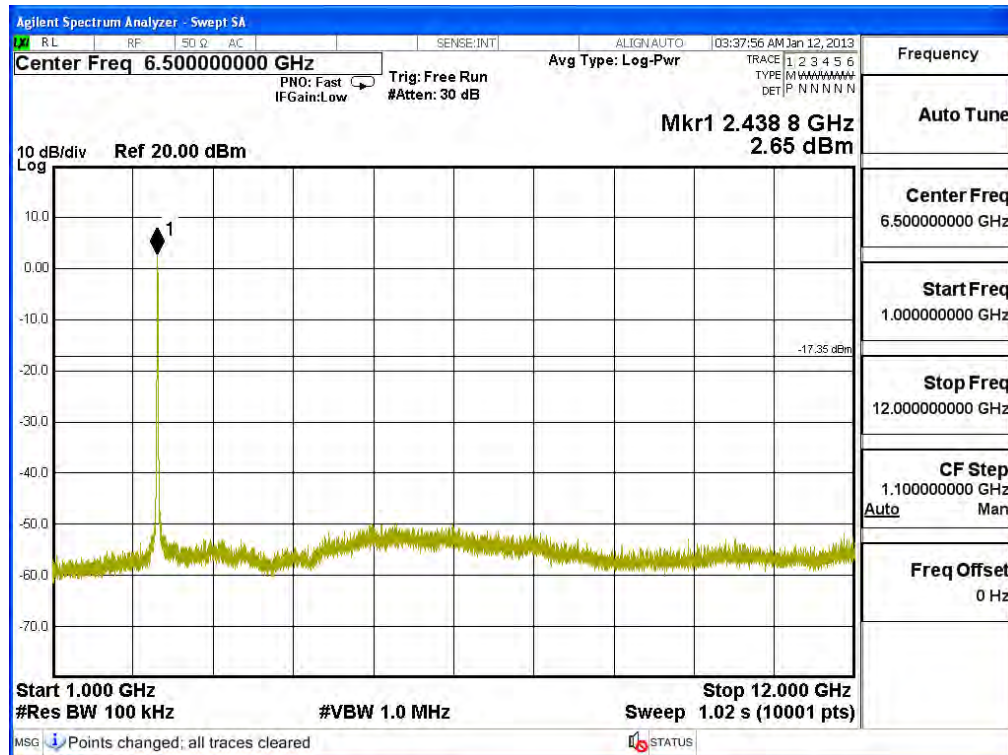
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

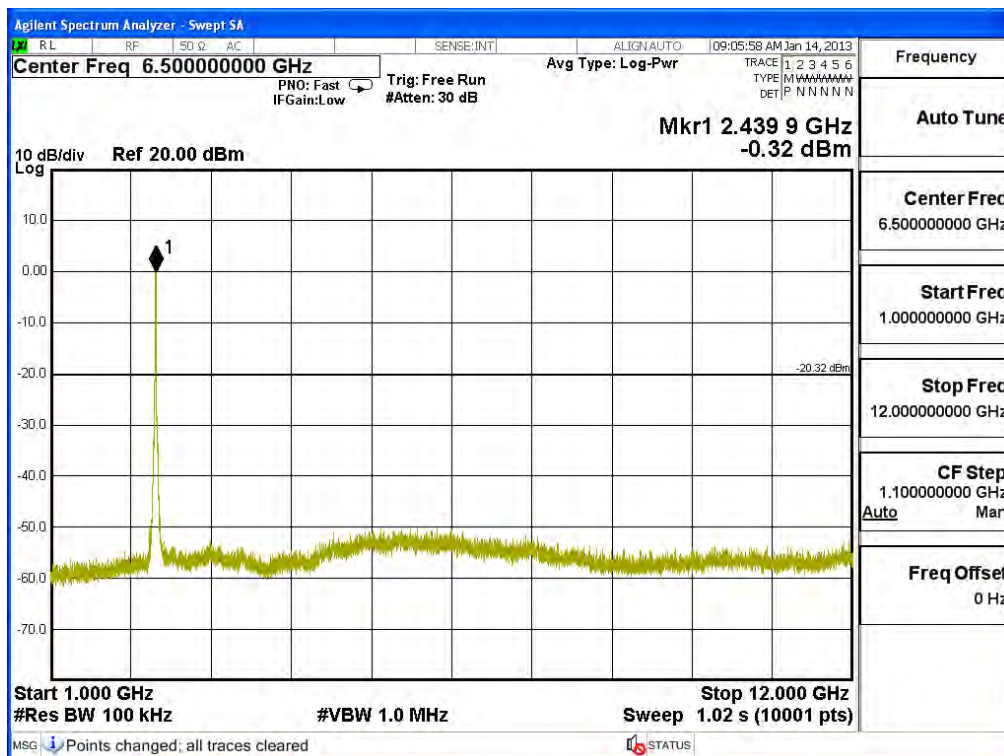
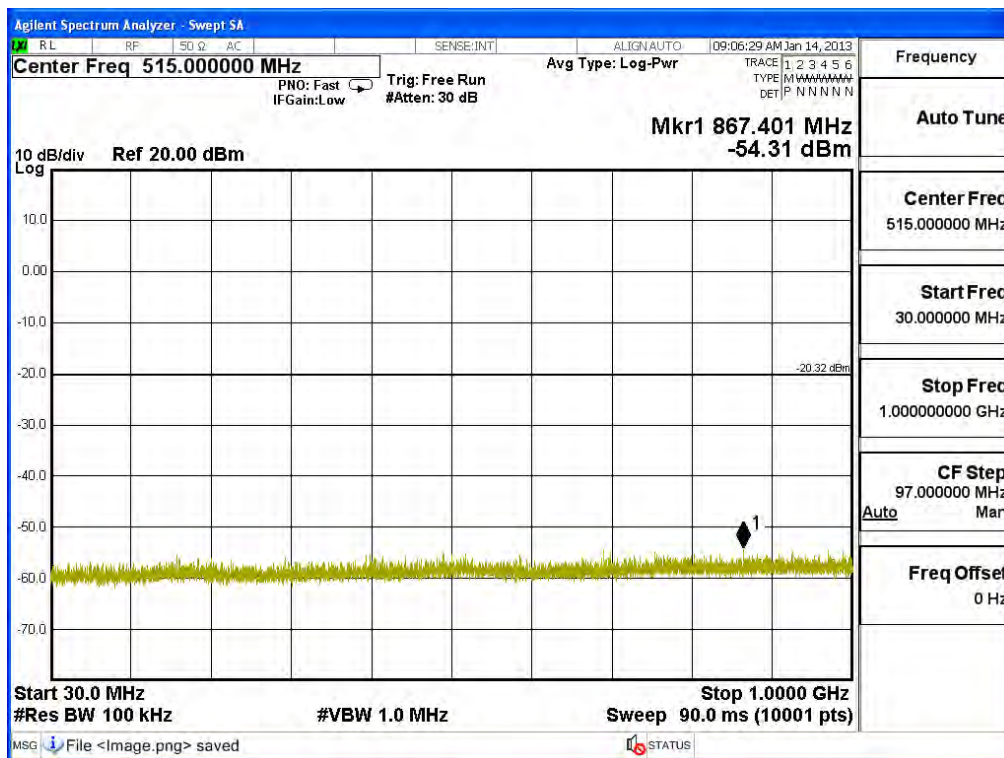
檢測器：峰值

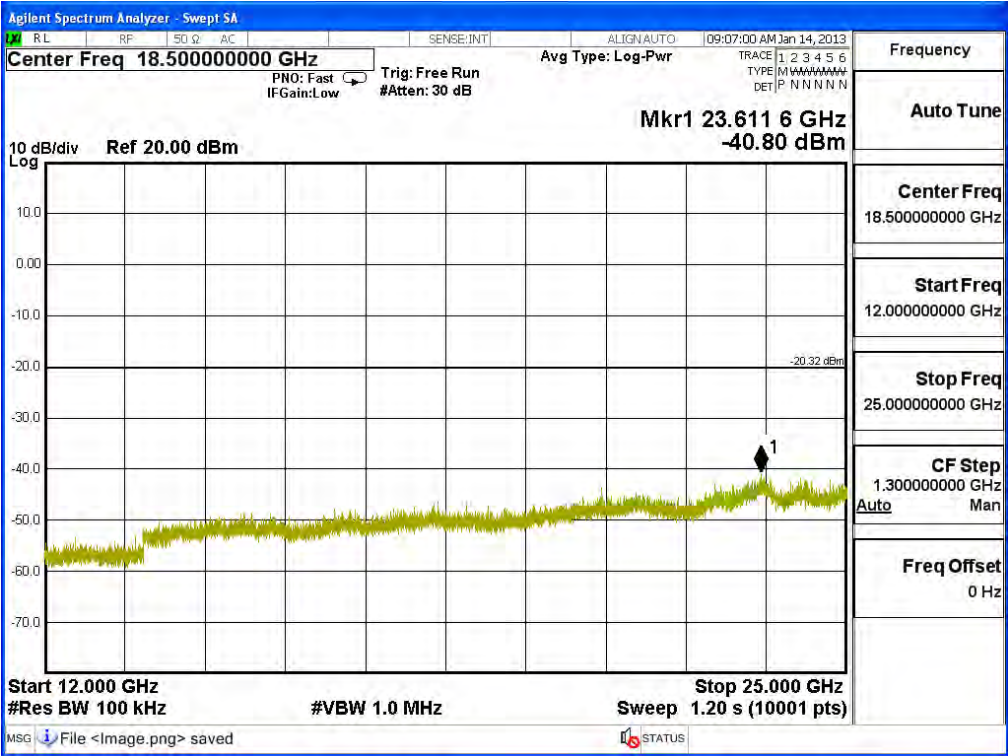
30MHz-25GHz (Chain A)





30MHz-25GHz (Chain B)





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 11 (2462MHz)

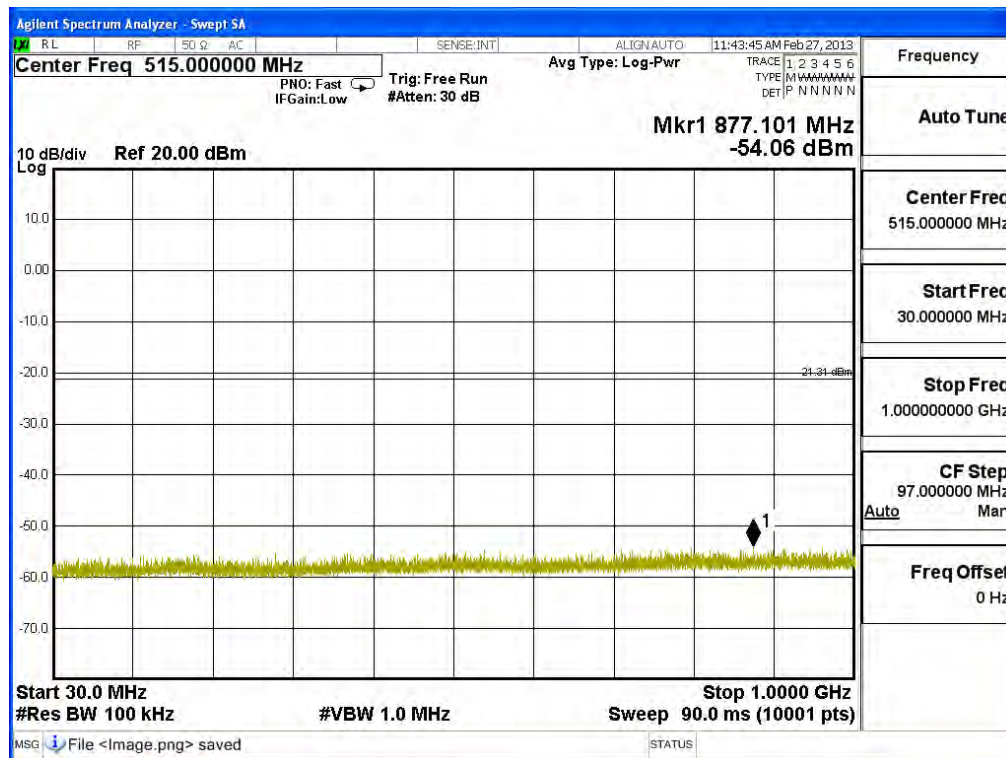
測試日期：102 年 02 月 27 日

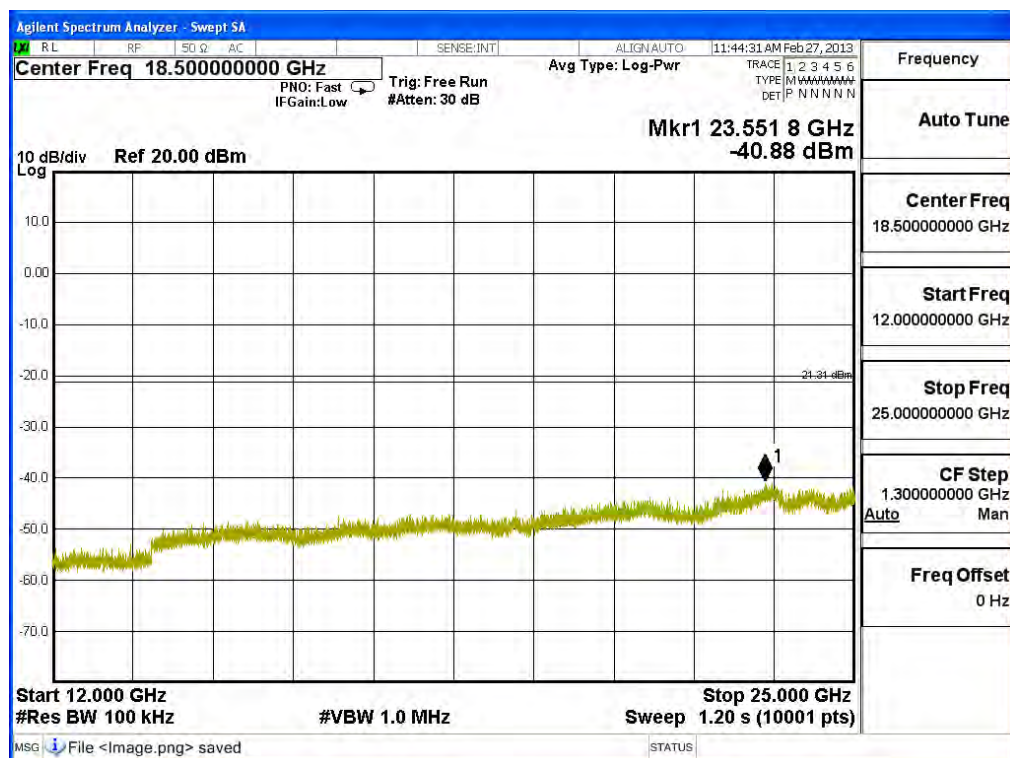
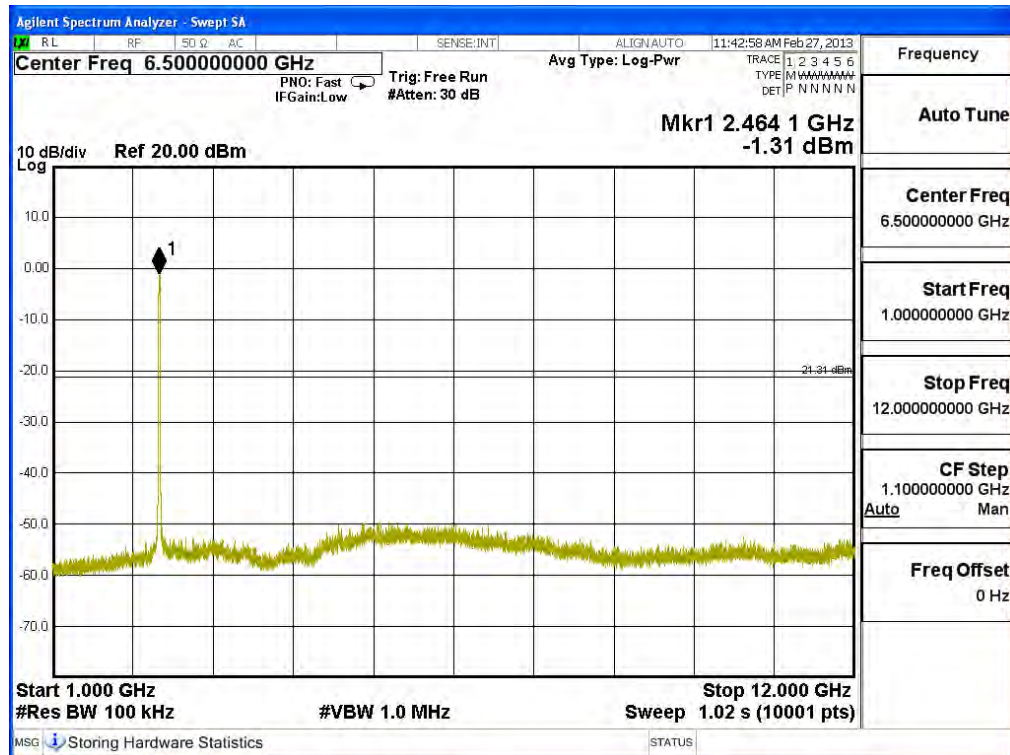
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

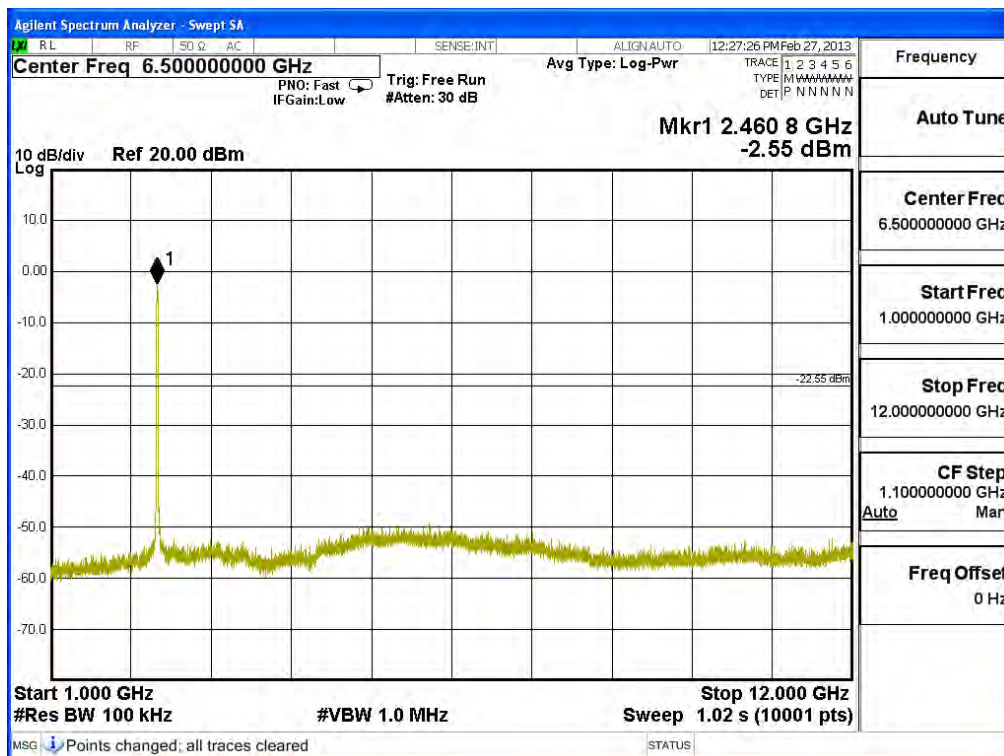
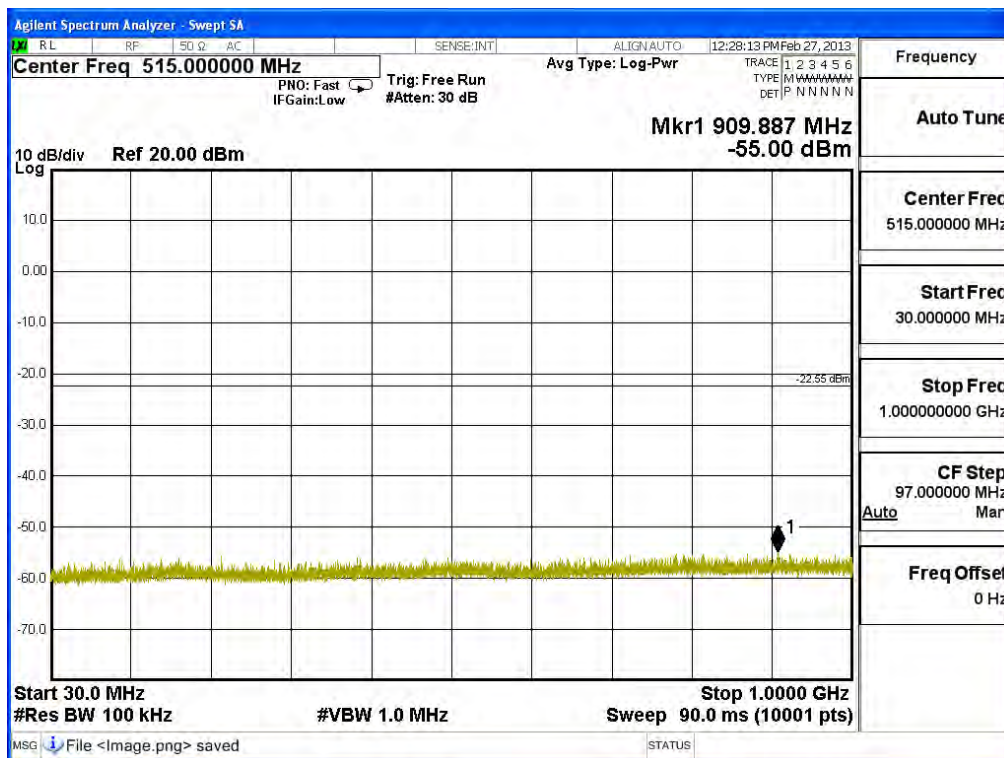
檢測器：峰值

30MHz-25GHz (Chain A)





30MHz-25GHz (Chain B)





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 12 (2467MHz)

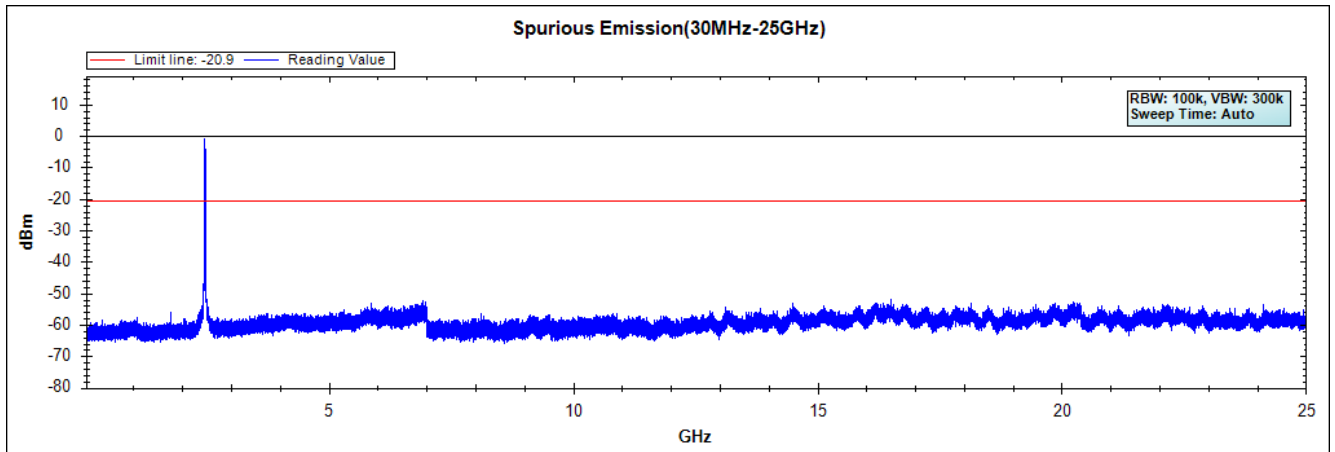
測試日期：110 年 08 月 16 日

測試項目：混附發射之 RF 傳導發射

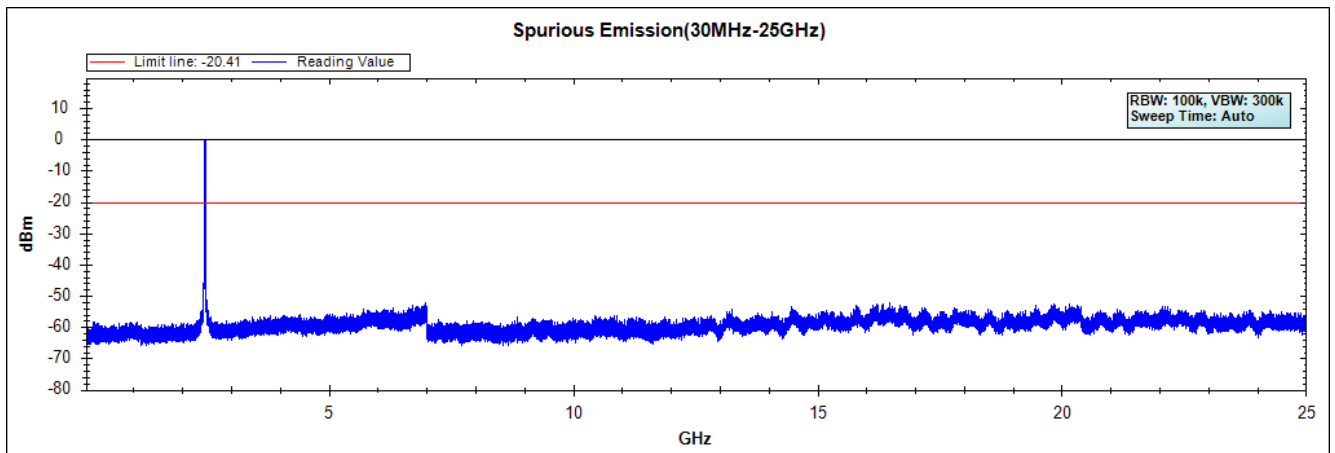
測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

檢測器：峰值

30MHz-25GHz (Chain A)



30MHz-25GHz (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 13 (2472MHz)

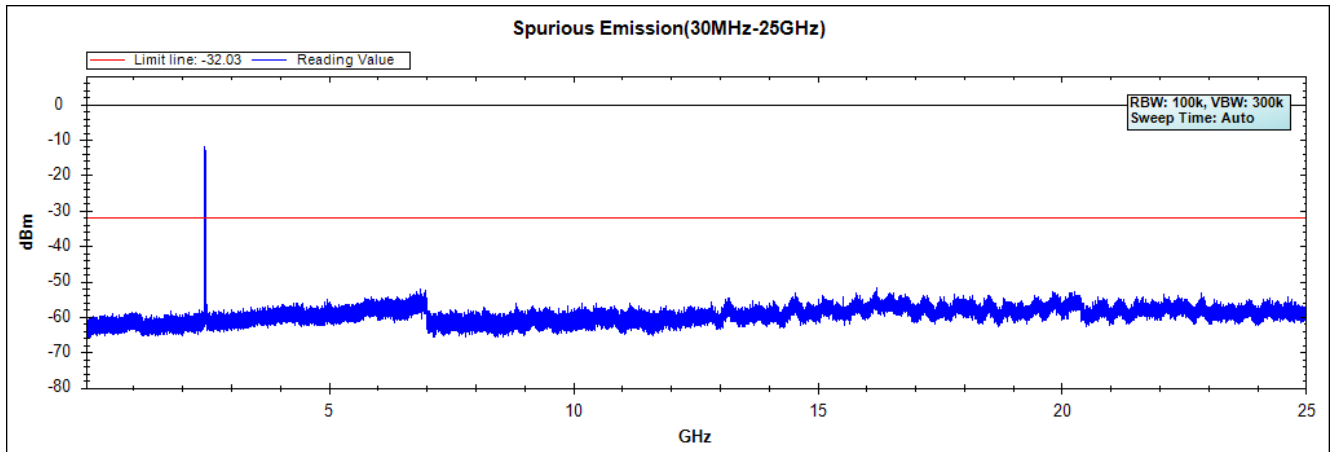
測試日期：110 年 08 月 16 日

測試項目：混附發射之 RF 傳導發射

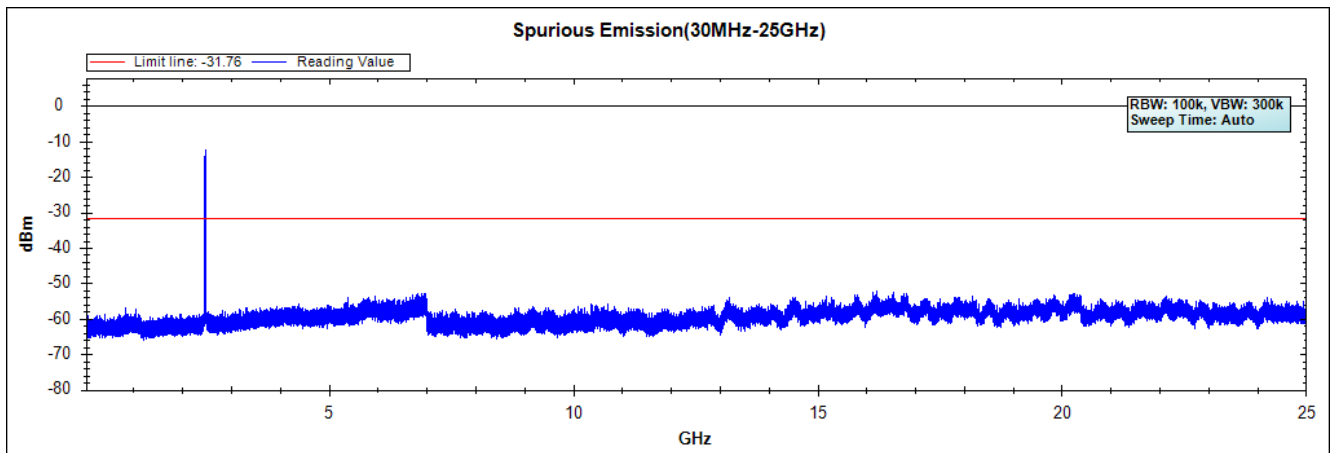
測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

檢測器：峰值

30MHz-25GHz (Chain A)



30MHz-25GHz (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 03 (2422MHz)

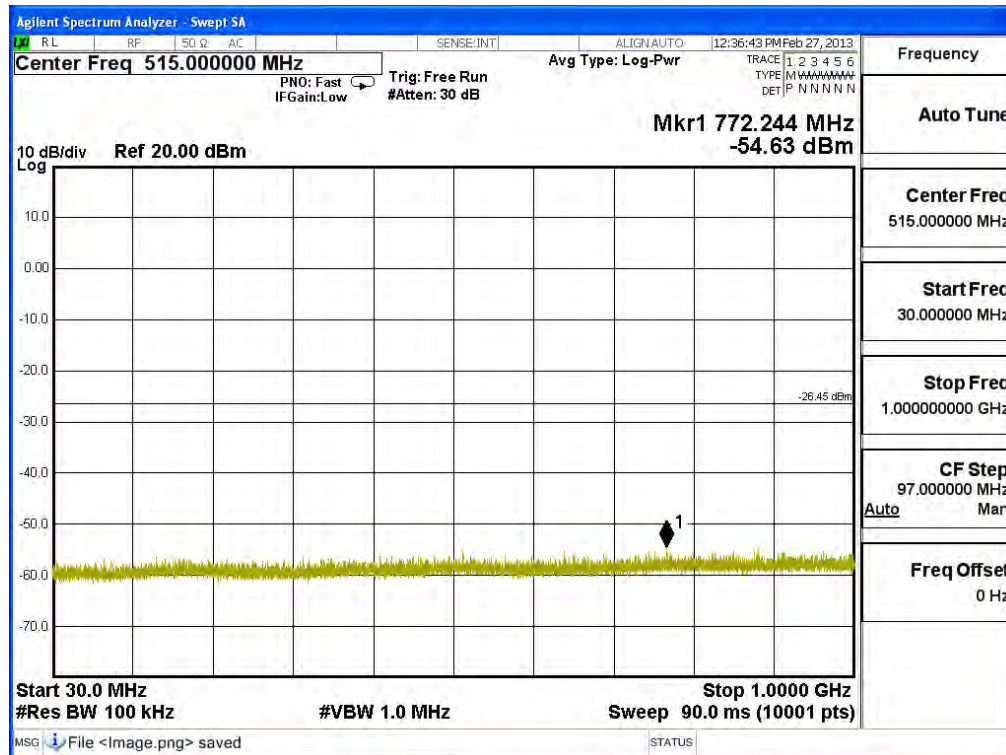
測試日期：102 年 02 月 27 日

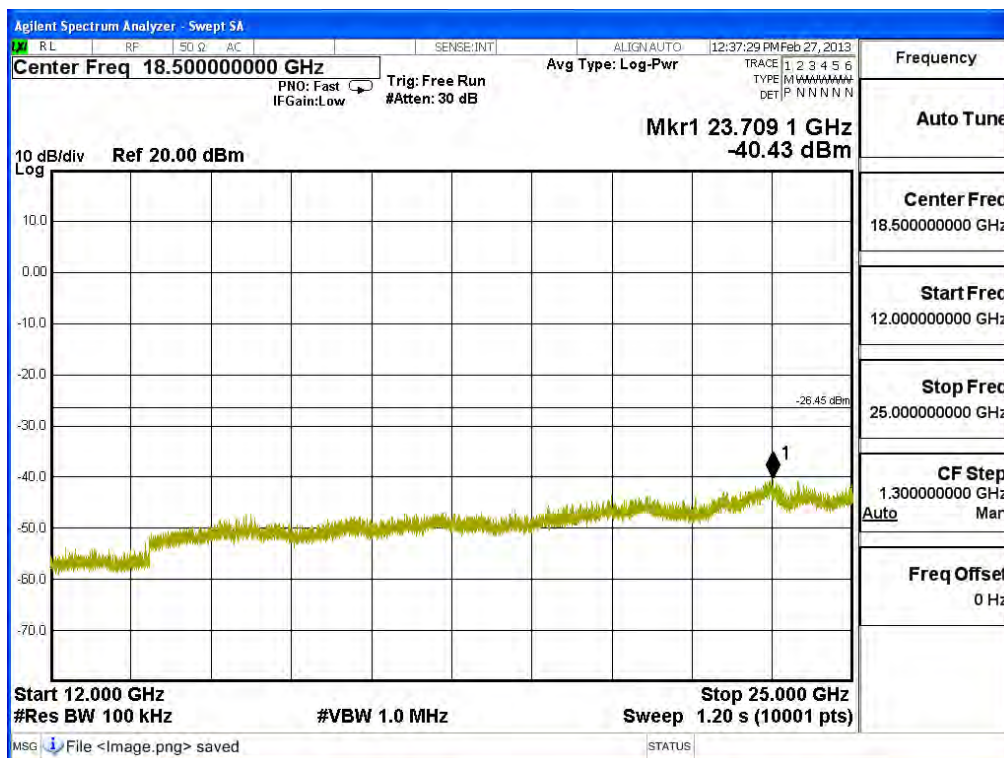
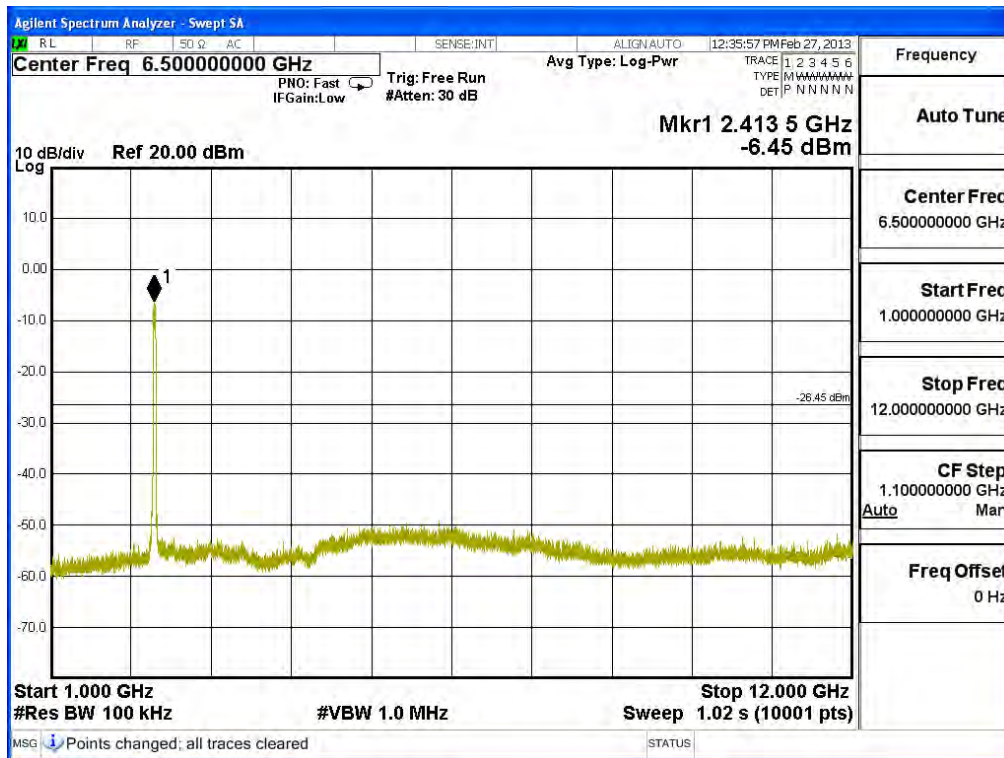
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

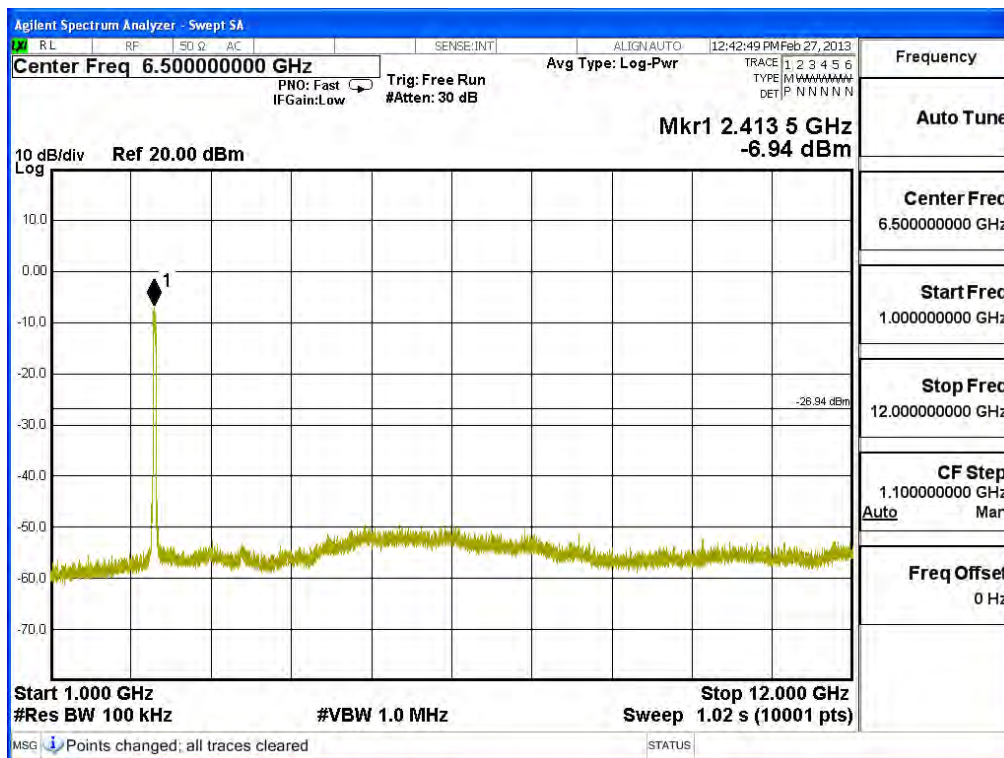
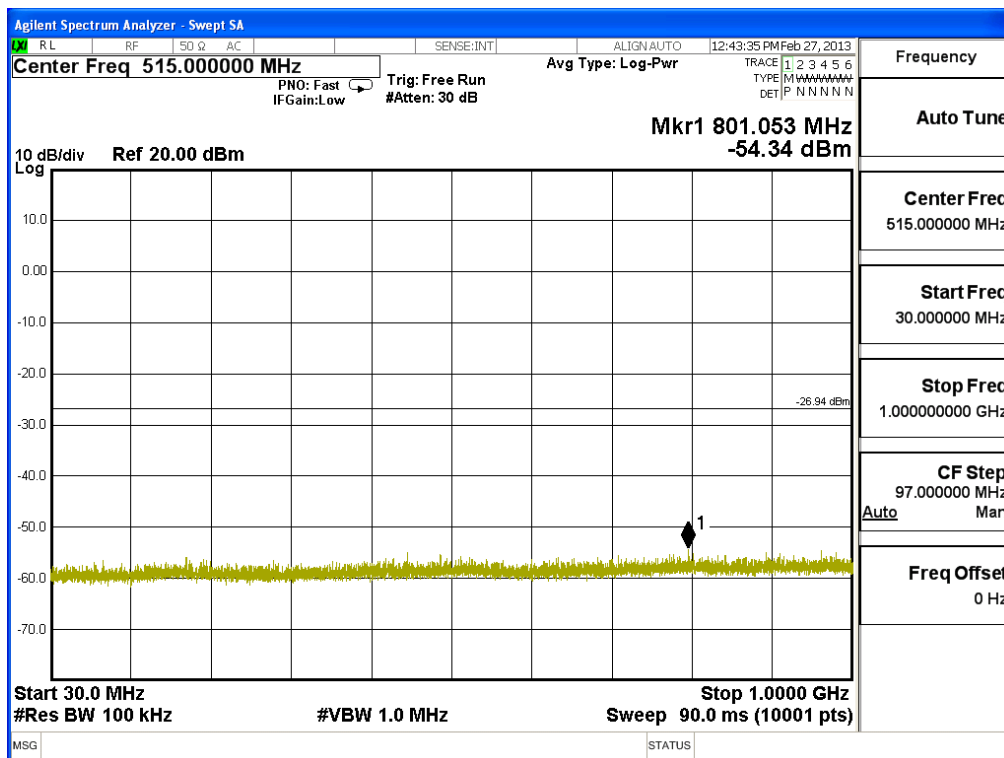
檢測器：峰值

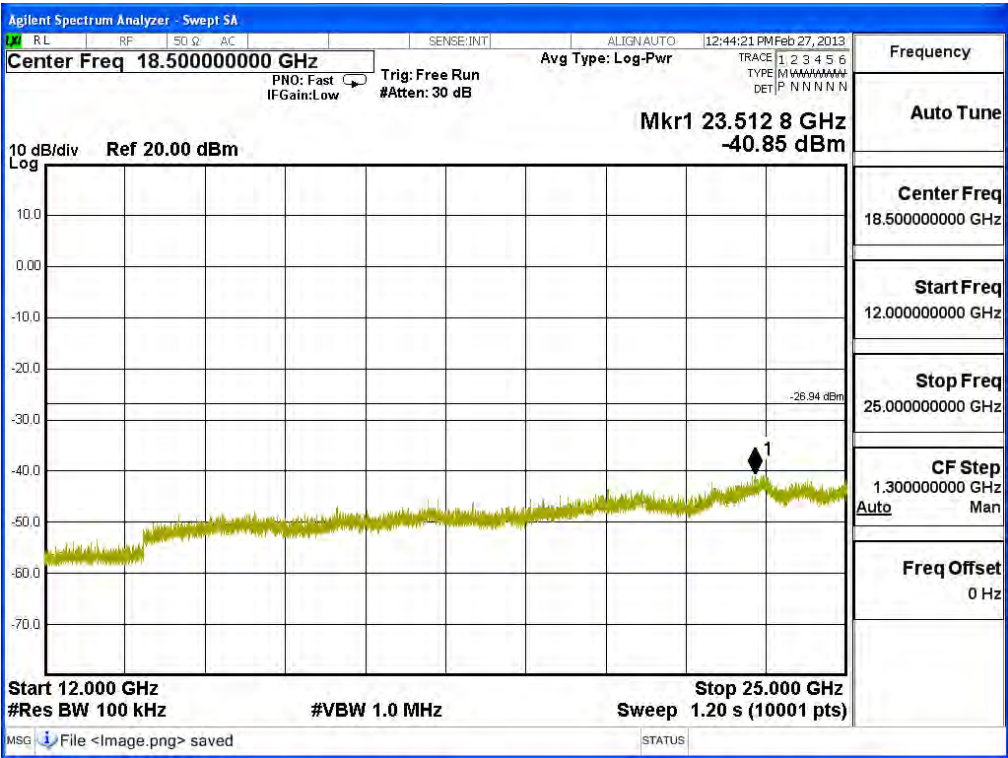
30MHz-25GHz (Chain A)





30MHz-25GHz (Chain B)





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 07 (2442MHz)

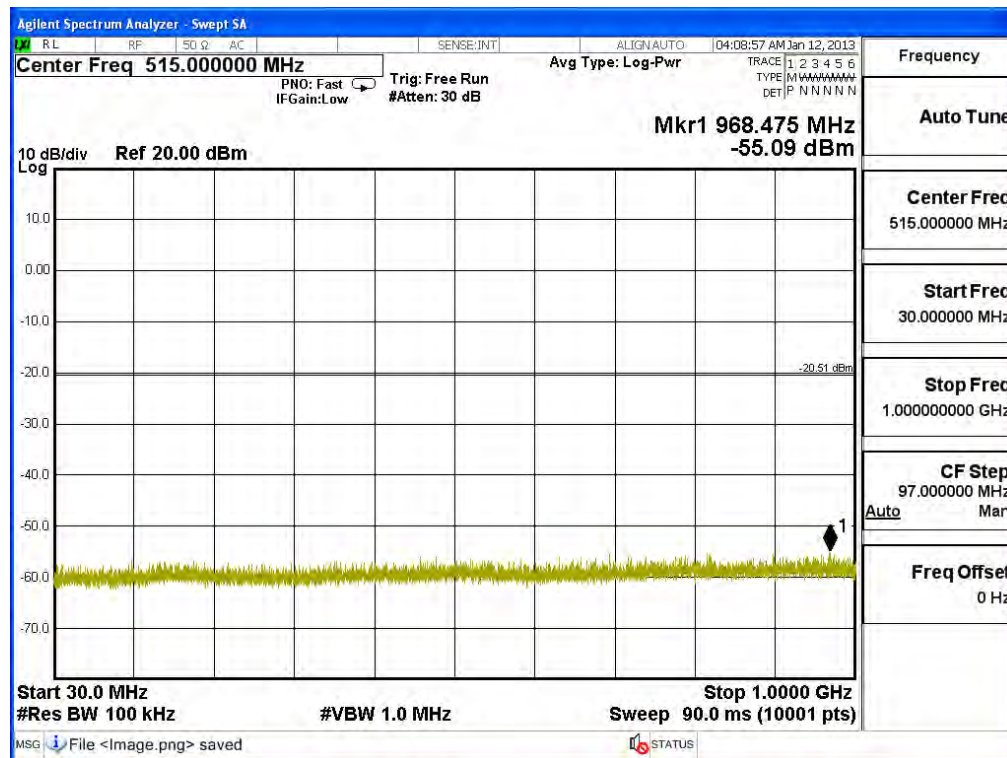
測試日期：102 年 02 月 27 日

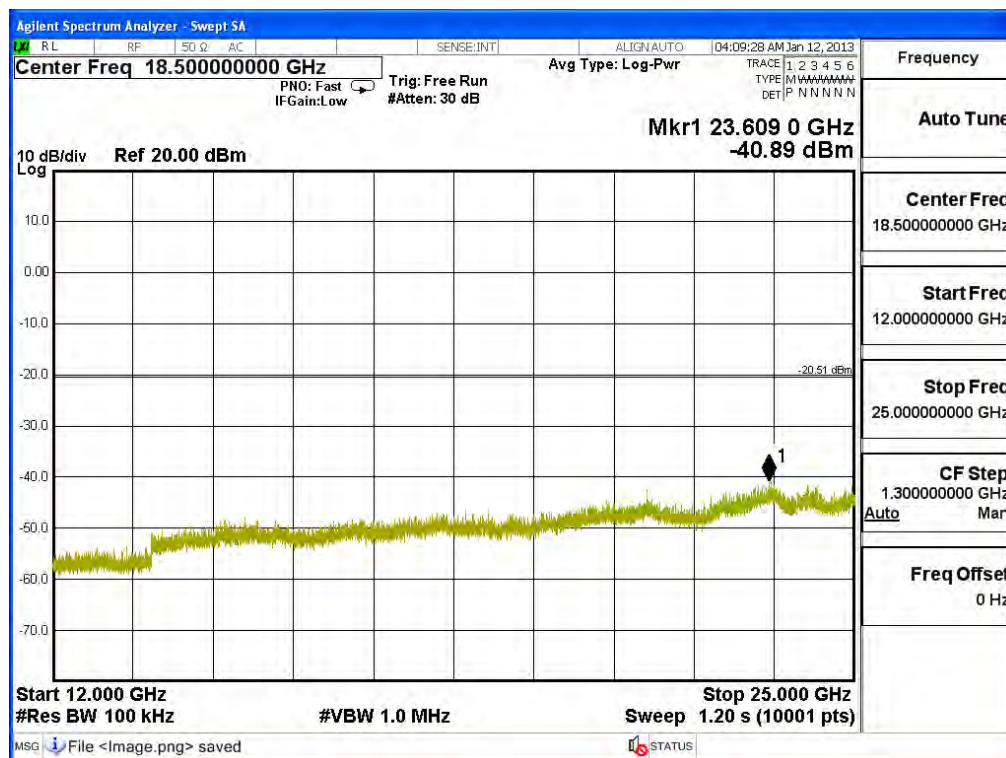
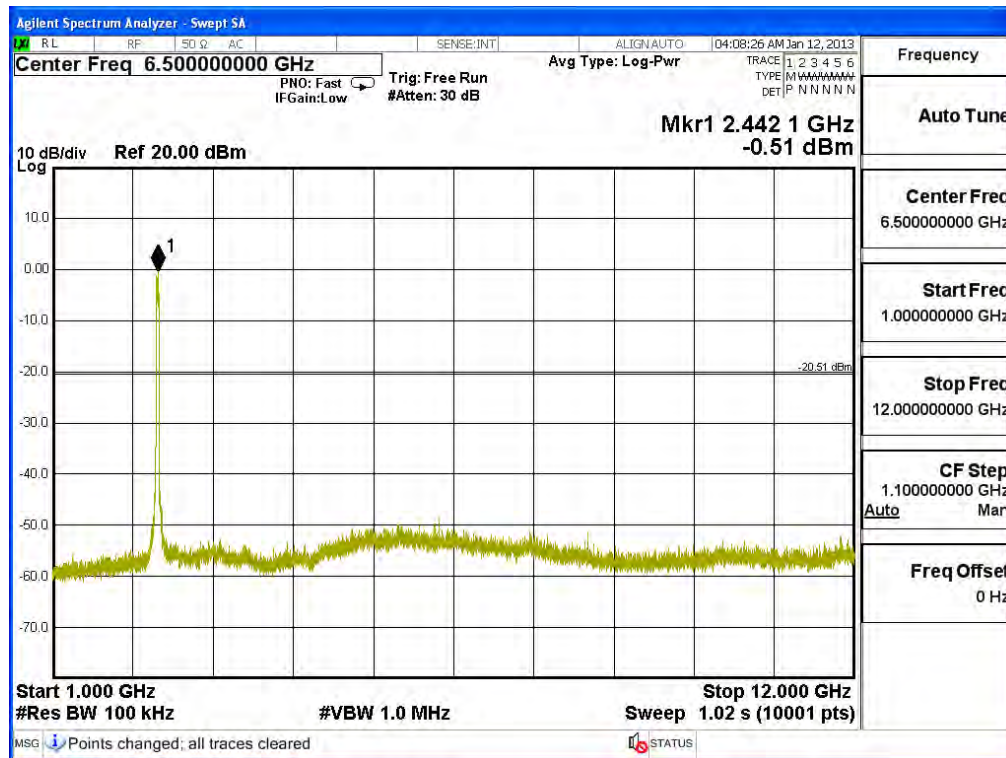
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

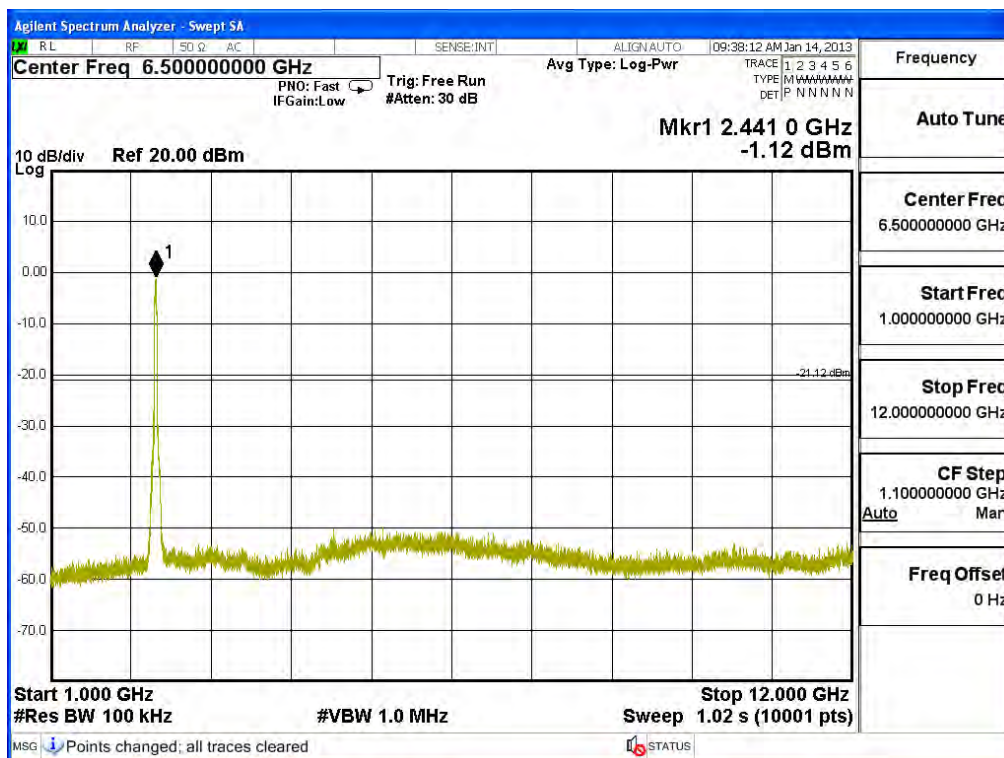
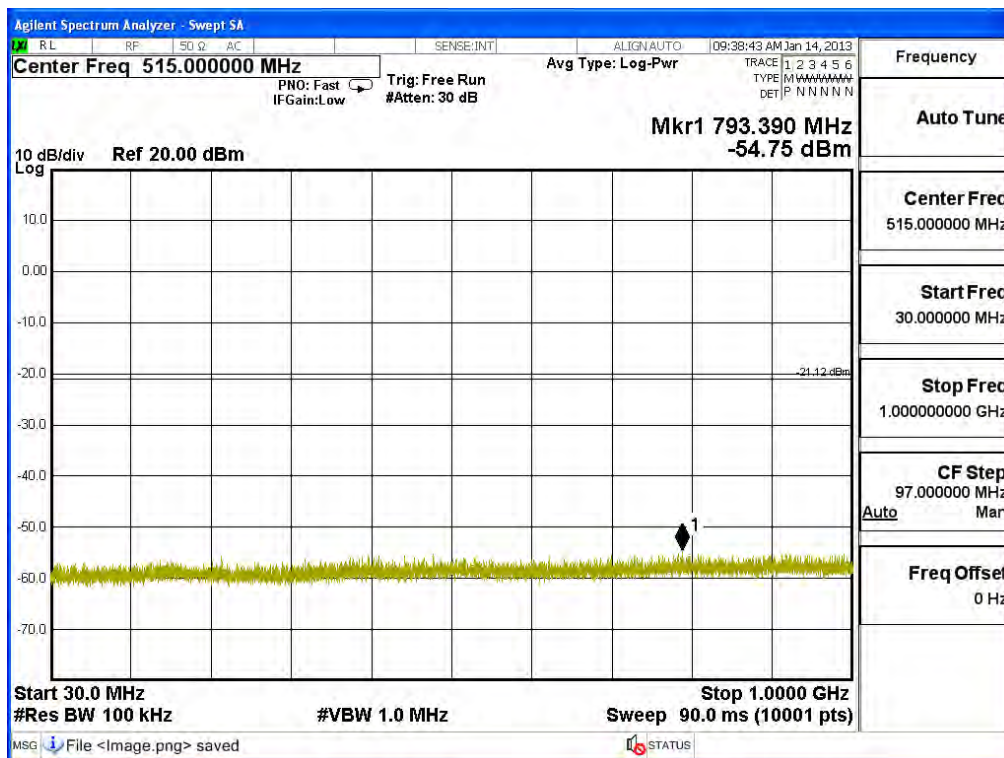
檢測器：峰值

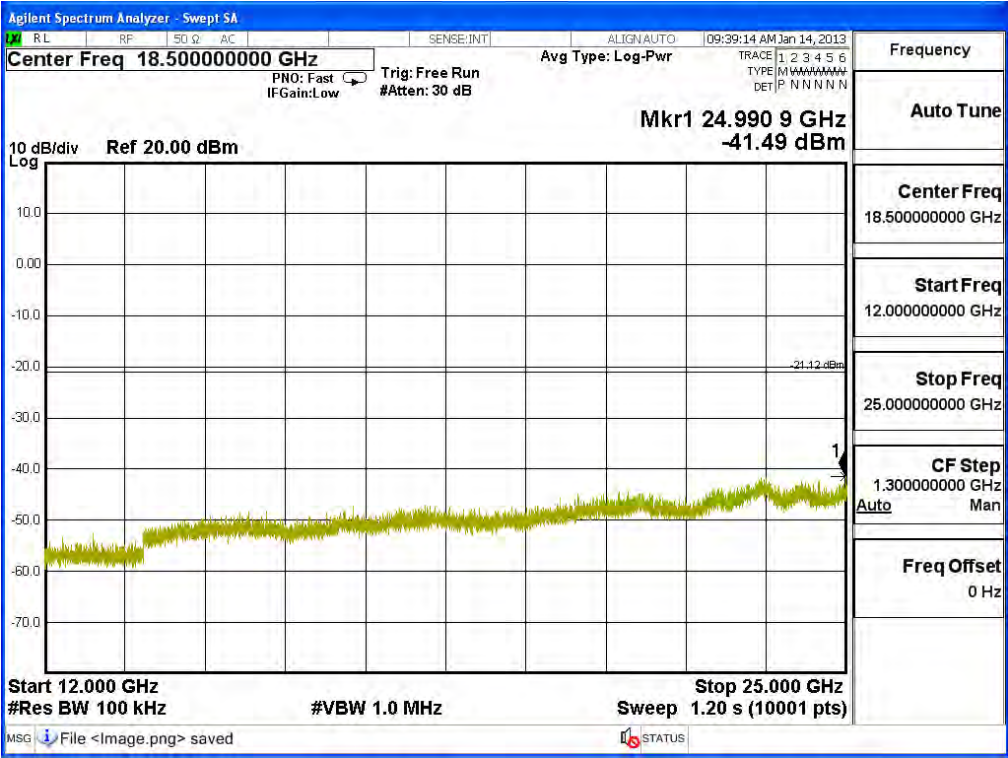
30MHz-25GHz (Chain A)





30MHz-25GHz (Chain B)





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：CH 09 (2452MHz)

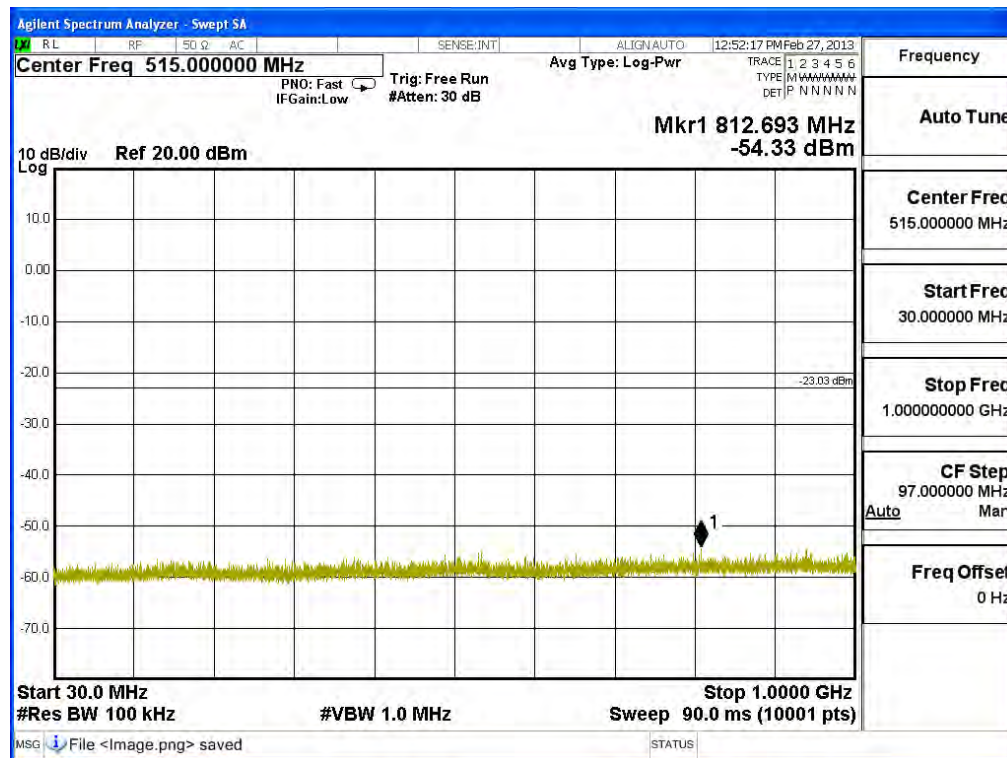
測試日期：102 年 02 月 27 日

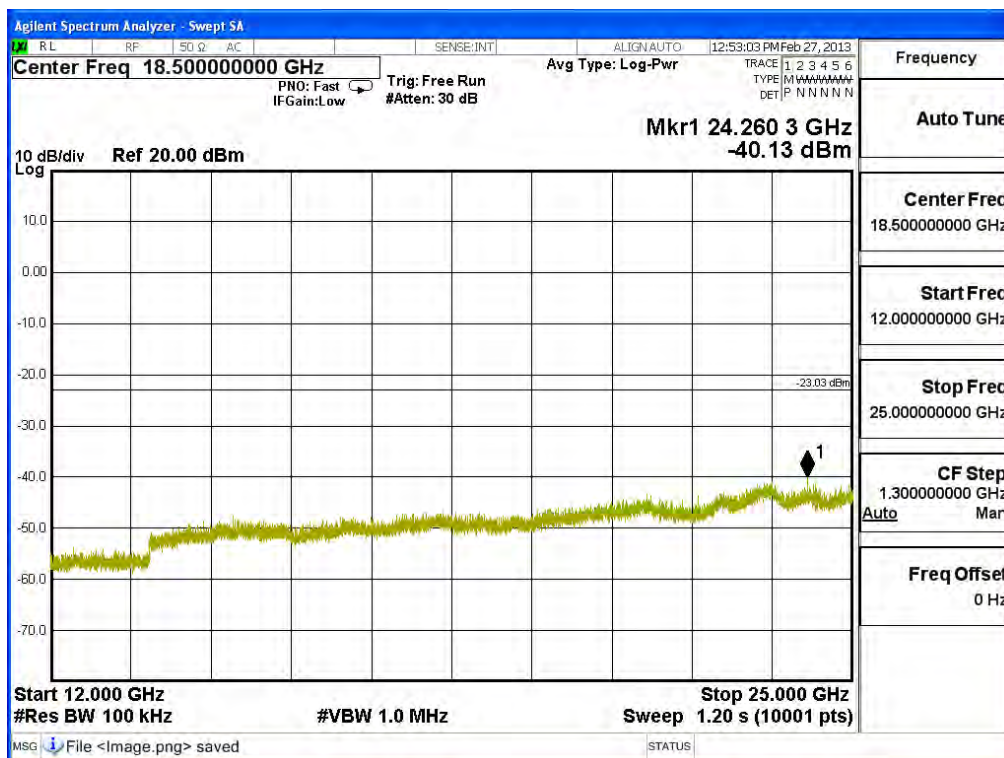
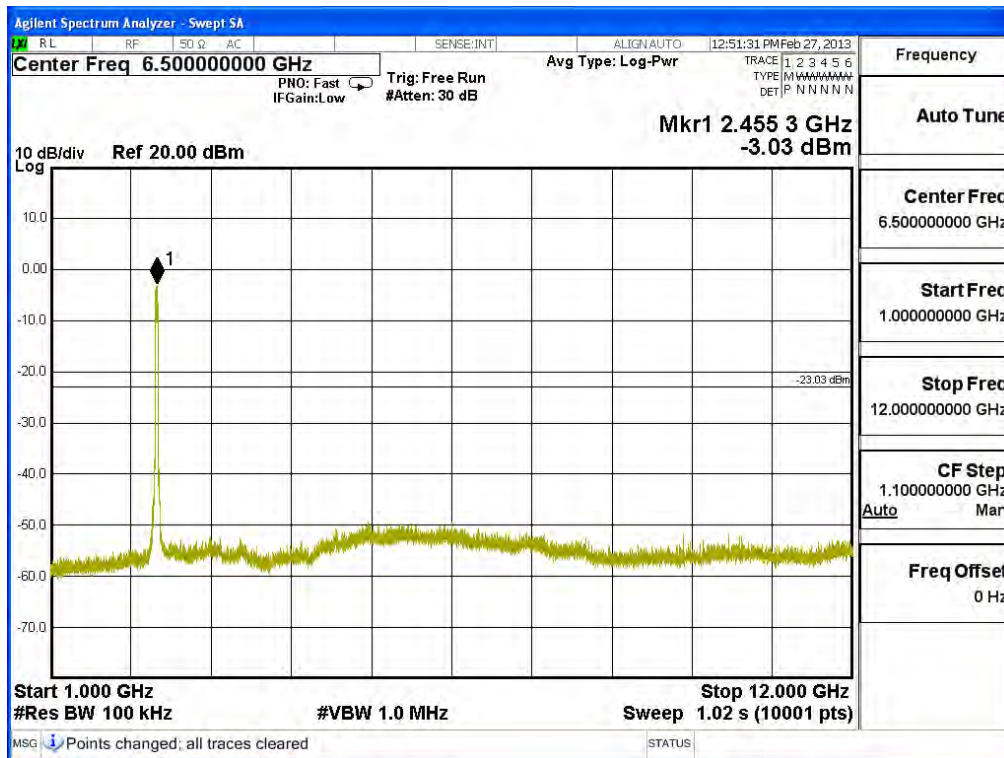
測試項目：混附發射之 RF 傳導發射

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

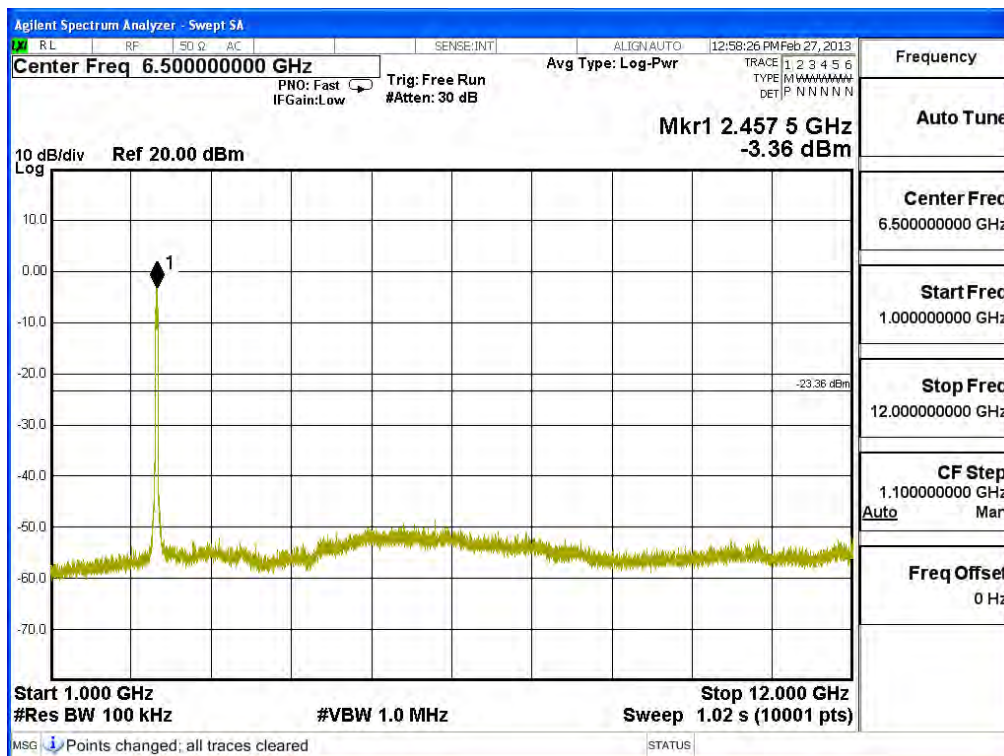
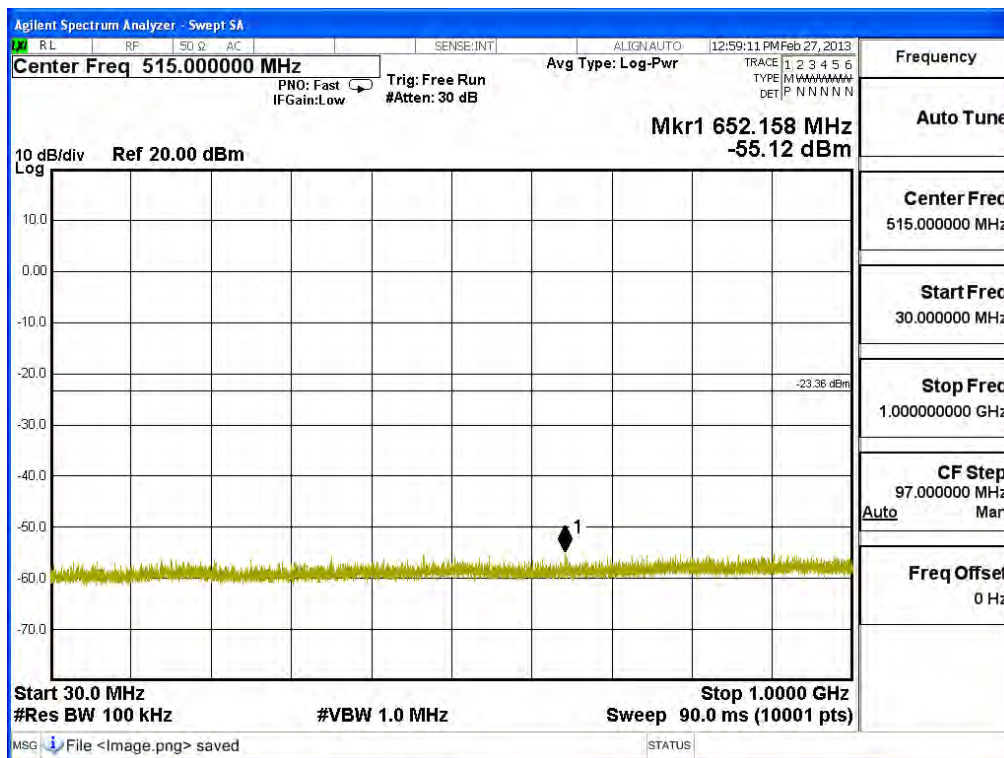
檢測器：峰值

30MHz-25GHz (Chain A)





30MHz-25GHz (Chain B)





待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

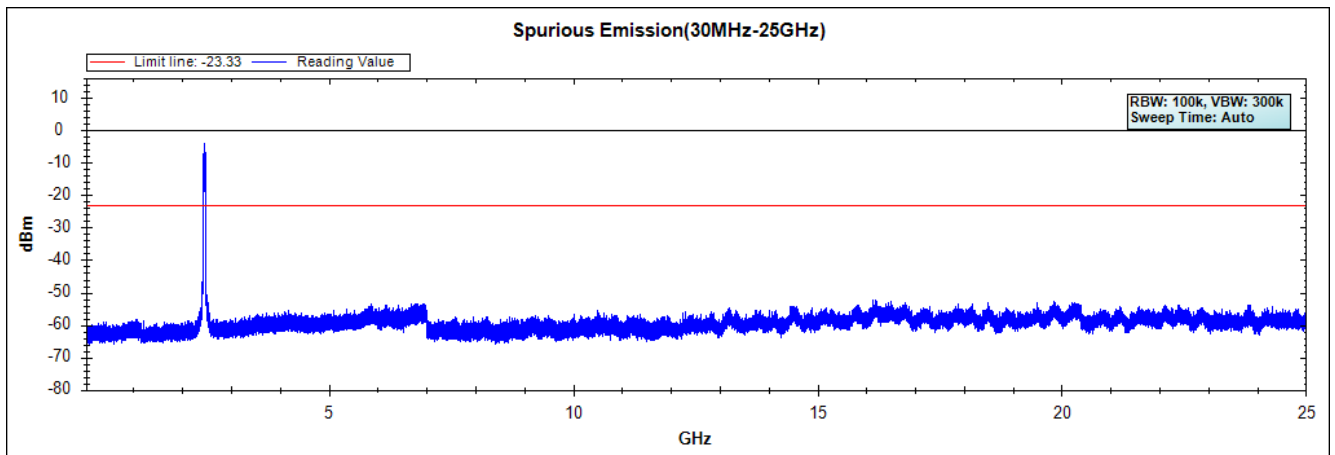
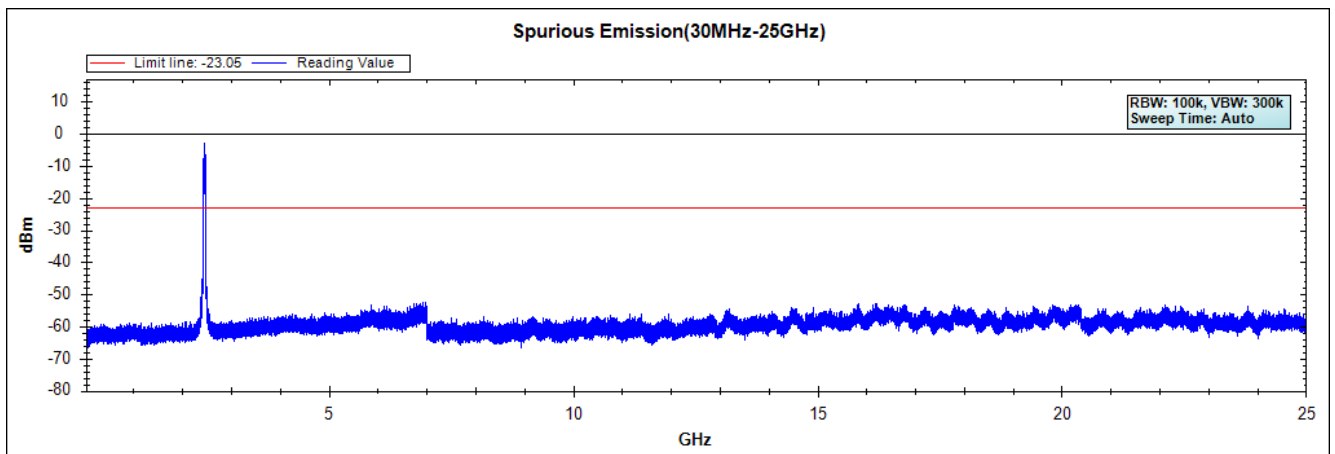
測試頻道：CH 10 (2457MHz)

測試日期：110 年 08 月 16 日

測試項目：混附發射之 RF 傳導發射

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

檢測器：峰值

30MHz-25GHz (Chain A)**30MHz-25GHz (Chain B)**

待測物名稱: Intel® Dual Band Wireless-AC 7260

待測物型號: 7260NGW

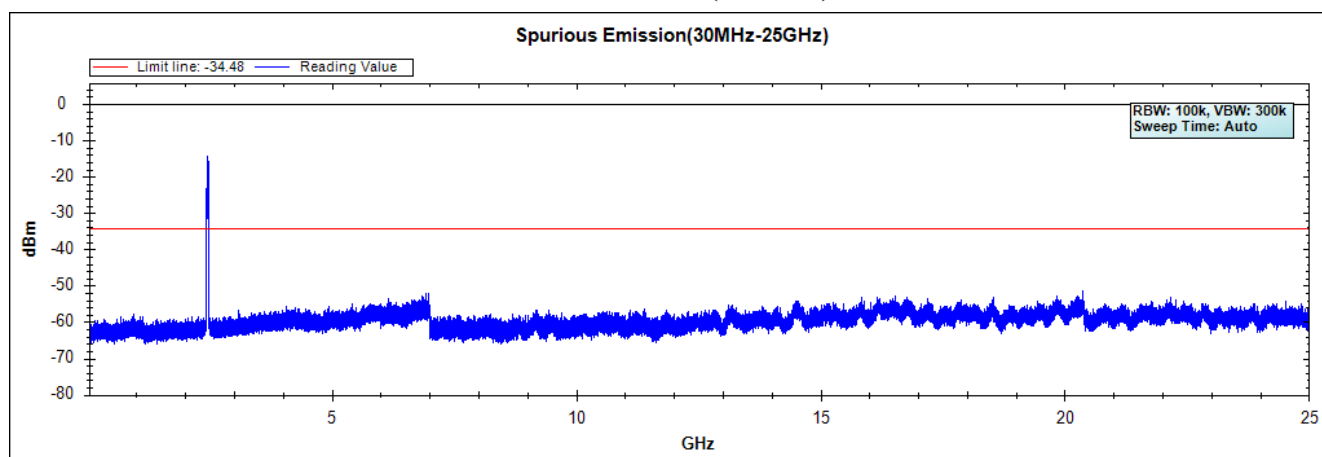
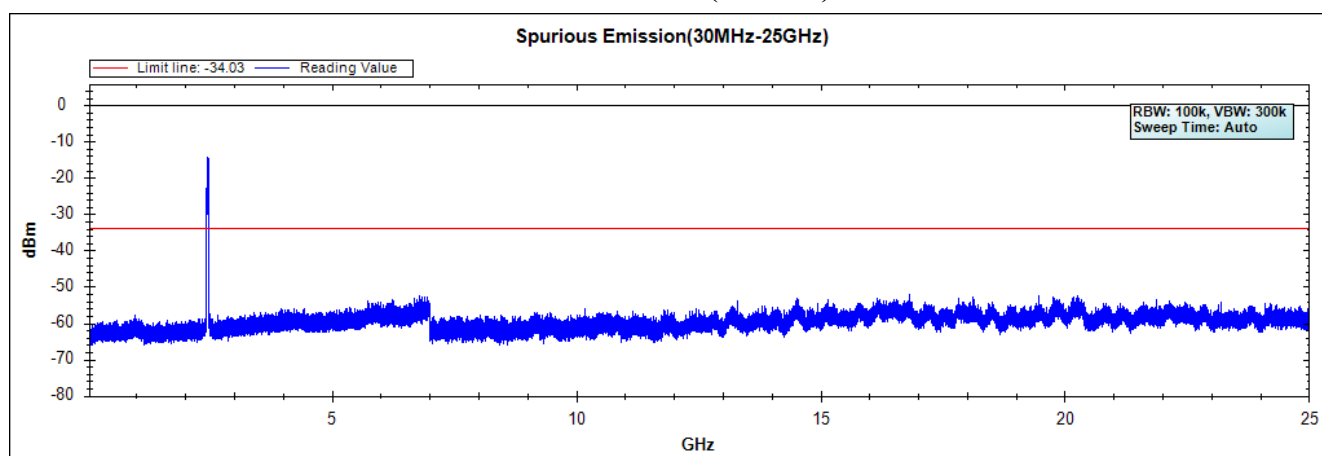
測試頻道: CH 11 (2462MHz)

測試日期: 110 年 08 月 16 日

測試項目: 混附發射之 RF 傳導發射

測試模式: Mode 10: MIMO: 發射器 802.11n (40MHz)

檢測器: 峰值

30MHz-25GHz (Chain A)**30MHz-25GHz (Chain B)**

混附發射之 RF 傳導發射測試結果:

PASS

8. 使用頻率範圍外之任意 100 千赫雜訊

8.1. 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 4.10.1.5 節，使用頻帶範圍外之任意 100 千赫 (kHz) 內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫(kHz) 內的射頻功率，至少須衰減 20 dB，以射頻傳導或輻射方式測量。如發射機以本節 4.10.1.2(1)(C) 之峰值傳導輸出功率量測方式者，至少須衰減 30 dB。此外，落於第 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定。

依據國家通訊傳播委員會低功率射頻器材技術規範之第 3.6 節輻射電場強度之限制要求如下：

發射依據國家通訊傳播委員會低功率射頻器材技術規範之第 3.6 節，低功率射頻器材，除本規範各章節另有放寬規定者外，其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。各頻段重疊處，以較嚴格之限制值為準。

頻 率(兆赫)	電場強度(微伏/公尺)	測距(公尺)
0.009 - 0.490(含)	2,400/頻率(千赫)	300
0.490 (不含) – 1.705 (含)	24,000/頻率(千赫)	30
1.705(不含) – 30 (不含)	30	30
30 (含) – 88 (含)	100	3
88 (不含)- 216 (含)	150	3
216 (不含)- 960 (含)	200	3
960 (不含)以上	500	3

上表規定之電場強度，頻率在 9-90kHz 千赫(kHz)、110-490 千赫(kHz)以及 1000 兆赫(MHz) 以上之發射，其量測以平均值檢波器為基準，且須符合第 6.15.2 節之規定；其他頻率之發射，應以 CISPR 準峰值(quasi-peak) 檢波器測量；非以上表所指定之距離測量時須符合第 6.5 節之規定，而輻射發射之量測頻率範圍須符合第 6.14 節之規定。

8.2. 量測方法

RF Conducted Measurement:

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，設定頻譜分析儀之解析度頻寬為 100kHz，視訊頻寬大於解析度頻寬。

待測物應在正常發射狀態下量測。

RF Radiated Measurement:

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，以量測待測物之最大輻射電場強度。接收天線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。

RBW and VBW Parameter setting:

According to KDB 558074 Peak power measurement procedure

RBW = as specified in Table 1.

$VBW \geq 3 \times RBW$.

Table 1 —RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to KDB 558074 Average power measurement procedure

RBW = 1MHz.

VBW = 10Hz, when duty cycle $\geq 98\%$

$VBW \geq 1/T$, when duty cycle $< 98\%$

(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

SISO A

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 b	99.29	--	--	10
802.11 g	98.12	--	--	10
802.11 n20	99.00	--	--	10
802.11 n40	98.11	--	--	10
802.11 ax20	99.00	--	--	10
802.11 ax40	98.10	--	--	10
802.11 ax20-26/0-RU	98.11	--	--	10
802.11 ax20-52/37-RU	98.11	--	--	10
802.11 ax20-106/53-RU	98.11	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10

Note: Duty Cycle Refer to Section 11

SISO B

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 b	99.28	--	--	10
802.11 g	97.66	2.0900	478	500
802.11 n20	98.47	--	--	10
802.11 n40	98.48	--	--	10
802.11 ax20	98.47	--	--	10
802.11 ax40	98.11	--	--	10
802.11 ax20-26/0-RU	98.11	--	--	10
802.11 ax20-52/37-RU	98.11	--	--	10
802.11 ax20-106/53-RU	98.11	--	--	10
802.11 ax40-242/61-RU	98.11	--	--	10

Note: Duty Cycle Refer to Section 11

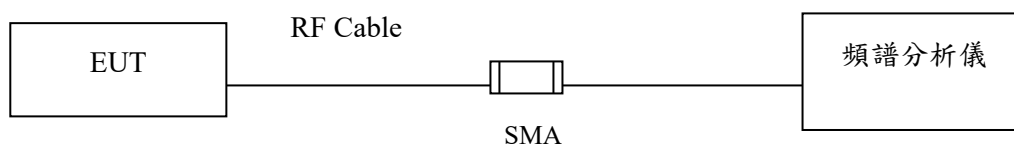
MIMO

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11 n20	98.89	--	--	10
802.11 n40	98.89	--	--	10
802.11 ax20	98.89	--	--	10
802.11 ax40	98.89	--	--	10
802.11 ax20-26/0-RU	97.74	2.5900	386	500
802.11 ax20-52/37-RU	97.74	2.5900	386	500
802.11 ax20-106/53-RU	97.74	2.5900	386	500
802.11 ax40-242/61-RU	97.74	2.5900	386	500

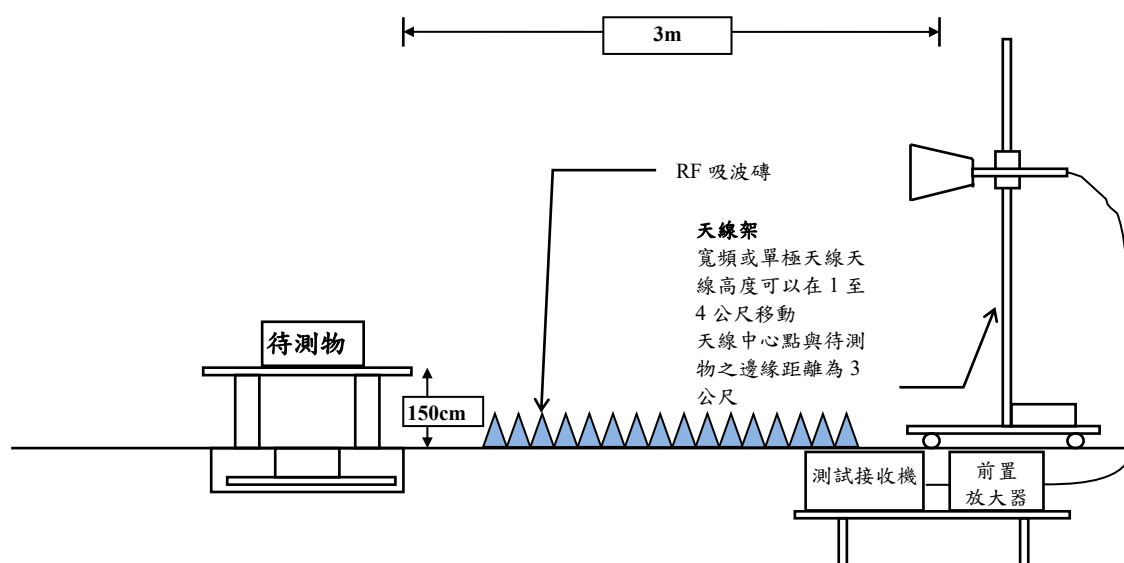
Note: Duty Cycle Refer to Section 11

8.3. 測試架構圖

RF Conducted Measurement:



RF Radiated Measurement:



Note: 使用頻率範圍外之任意 100 千赫雜訊，使用輻射方式測量，6 dB 頻寬使用 1MHz 遠大於 100kHz 仍可 PASS，檢附其測試數據。

8.4. 使用頻率範圍外之任意 100 千赫雜訊測試結果

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

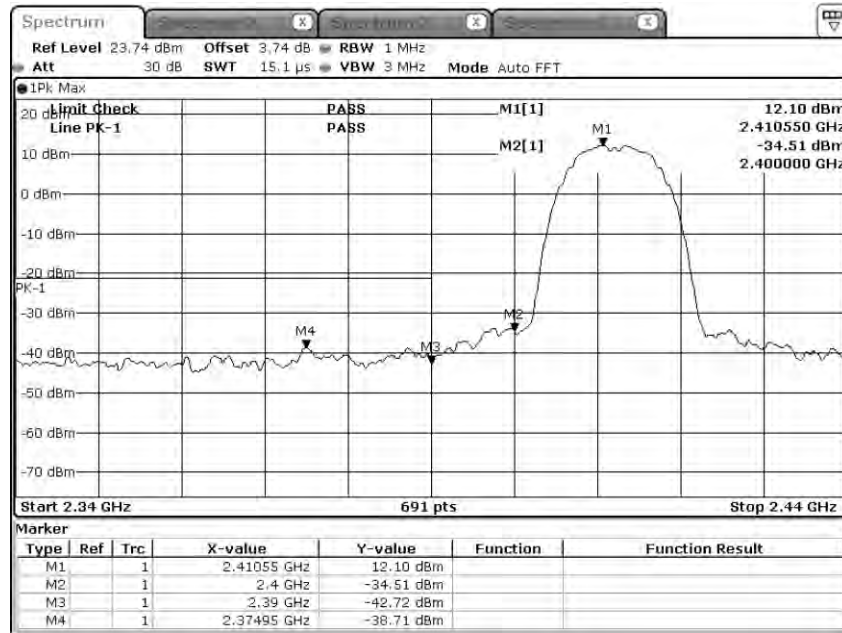
測試頻道：CH 01 (2412MHz)

測試日期：110 年 08 月 12 日

測試項目：使用頻率範圍外之任意 100 千赫雜訊

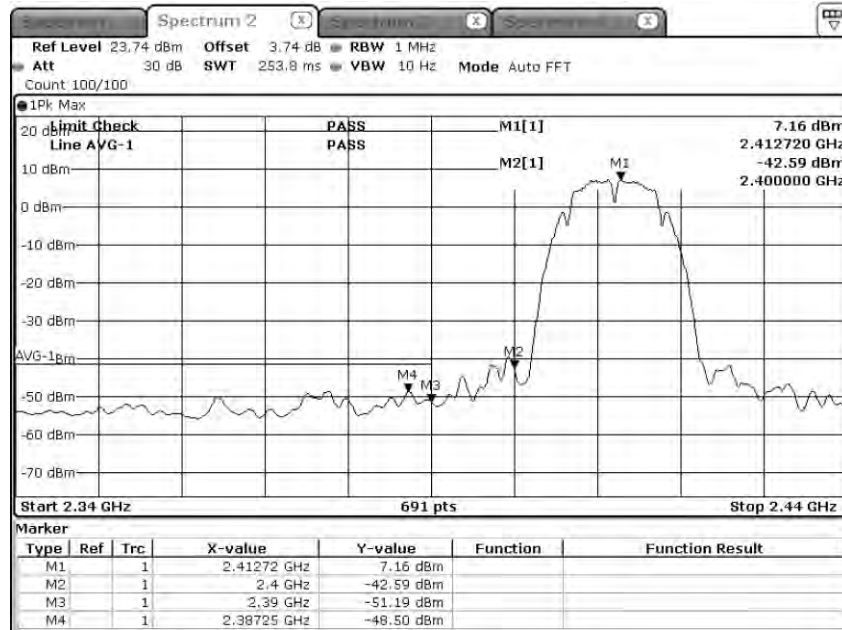
測試模式：Mode 1: SISO A: 發射器 802.11b

Peak



Date: 12.AUG.2021 04:34:16

Average



Date: 12.AUG.2021 04:37:49

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

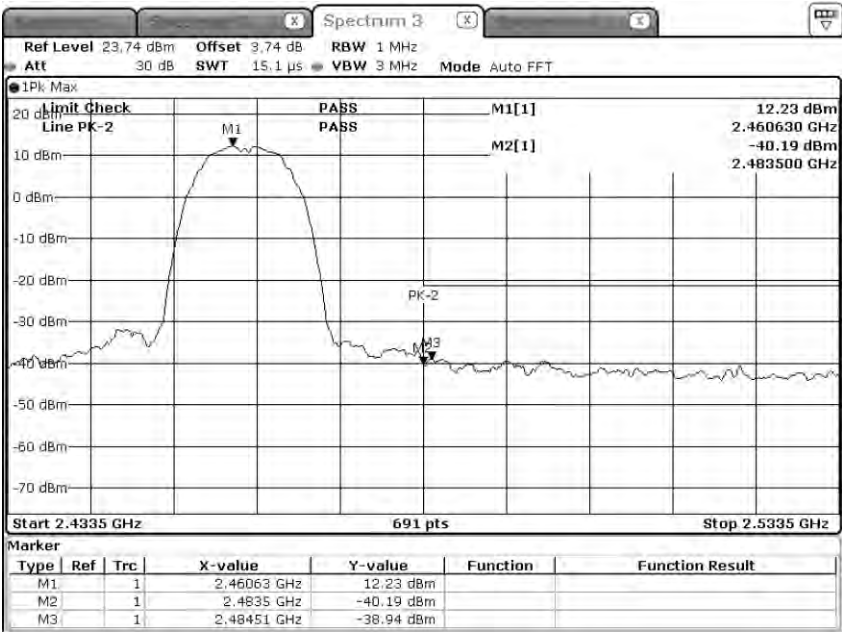
測試頻道：CH 11 (2462MHz)

測試日期：110 年 08 月 12 日

測試項目：使用頻率範圍外之任意 100 千赫雜訊

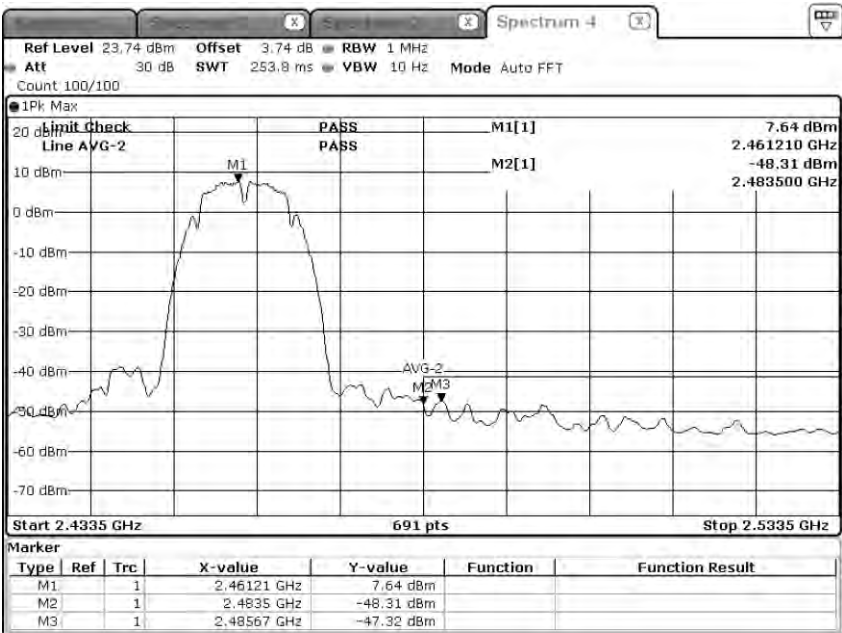
測試模式：Mode 1: SISO A: 發射器 802.11b

Peak



Date: 12 AUG 2021 04:43:36

Average



Date: 12 AUG 2021 04:41:21

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

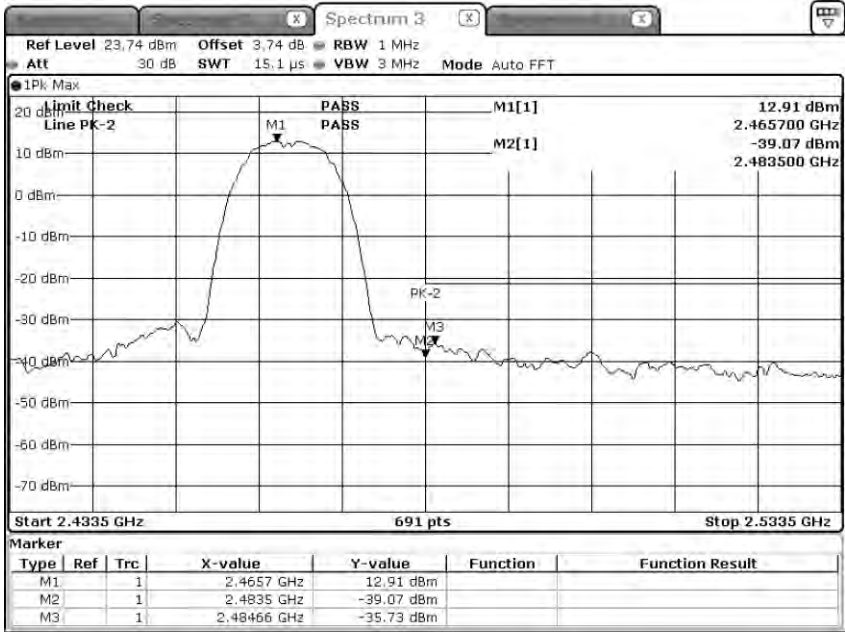
測試頻道：CH 12 (2467MHz)

測試日期：110 年 08 月 13 日

測試項目：使用頻率範圍外之任意 100 千赫雜訊

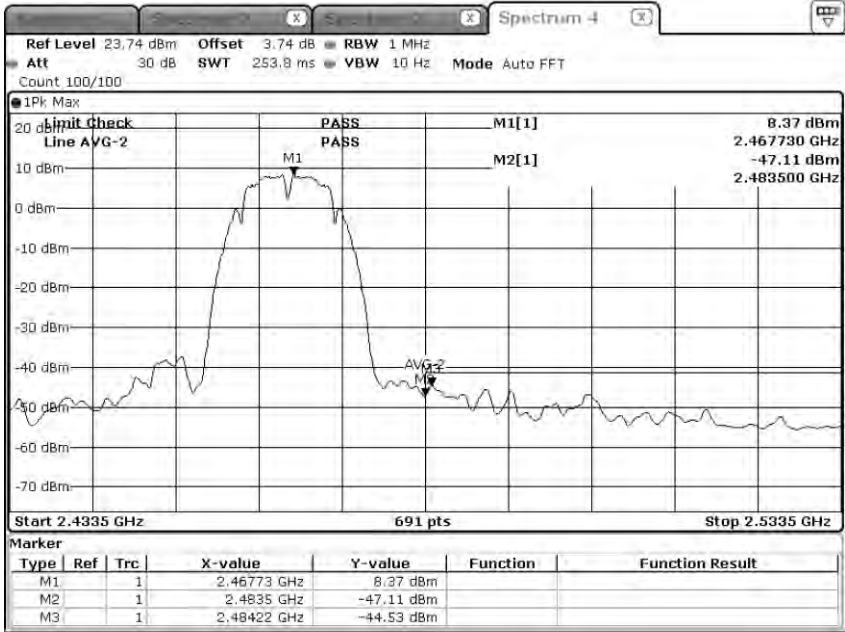
測試模式：Mode 1: SISO A: 發射器 802.11b

Peak



Date: 13 AUG 2021 10:19:58

Average



Date: 13 AUG 2021 10:33:44

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

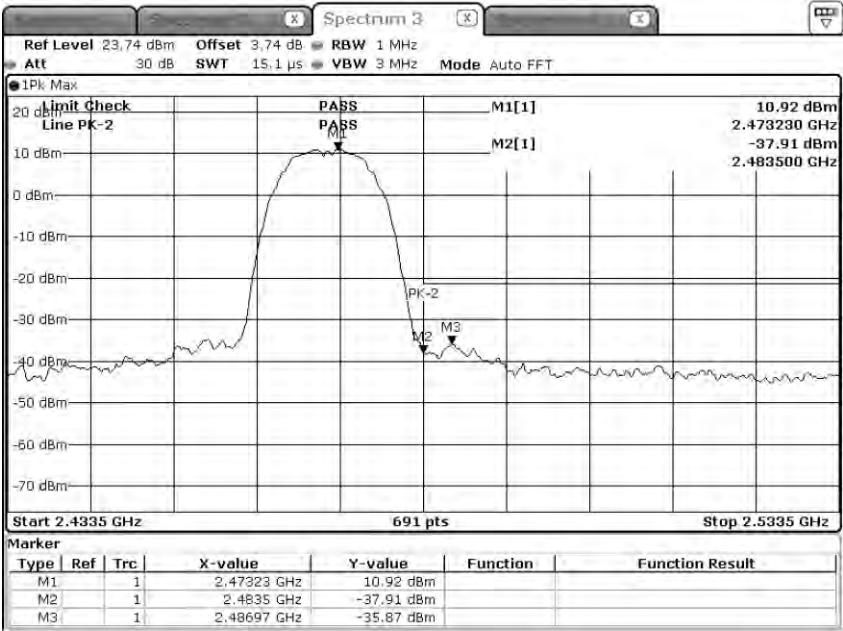
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 13 (2472MHz)

測試模式：Mode 1: SISO A: 發射器 802.11b

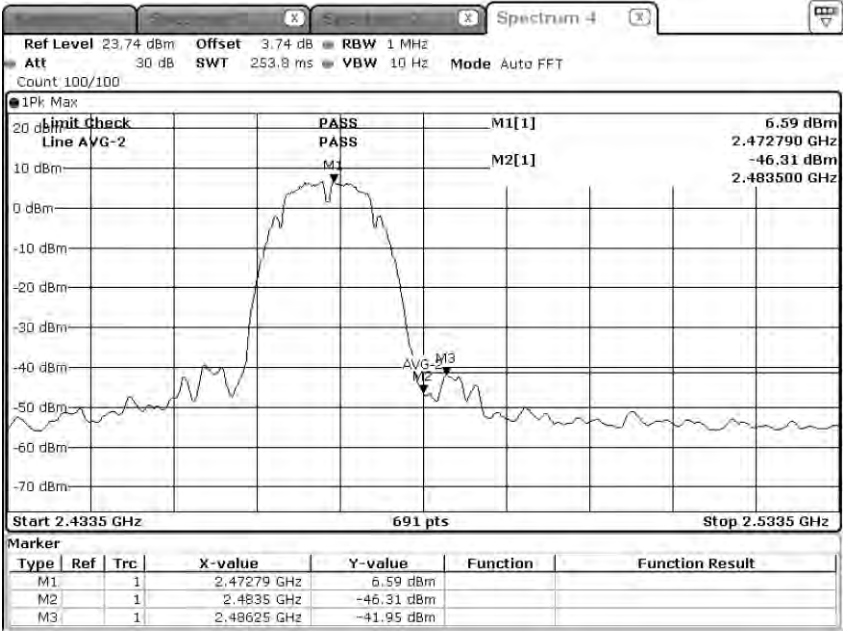
測試日期：110 年 08 月 13 日

Peak



Date: 13.AUG.2021 10:30:00

Average



Date: 13.AUG.2021 10:28:34

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

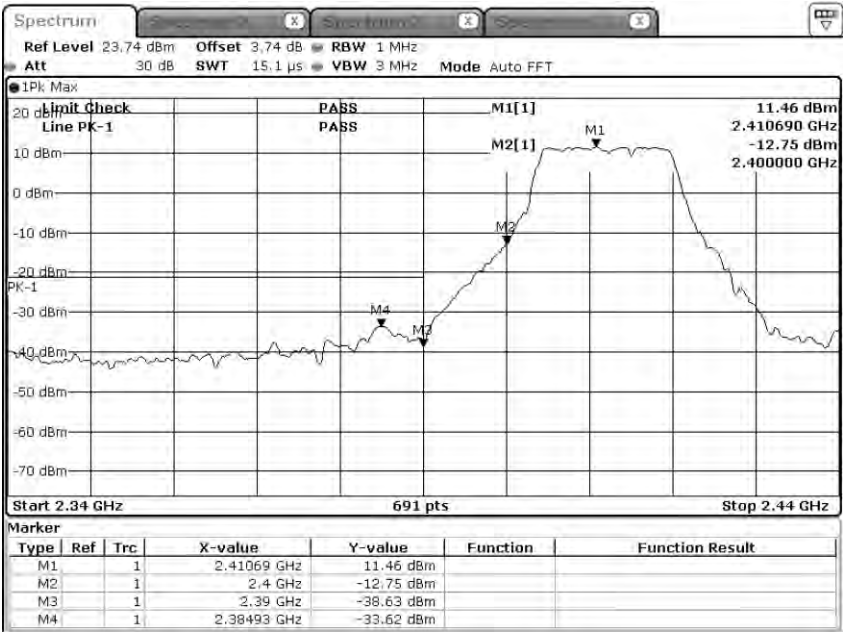
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 01 (2412MHz)

測試模式：Mode 2: SISO A: 發射器 802.11g

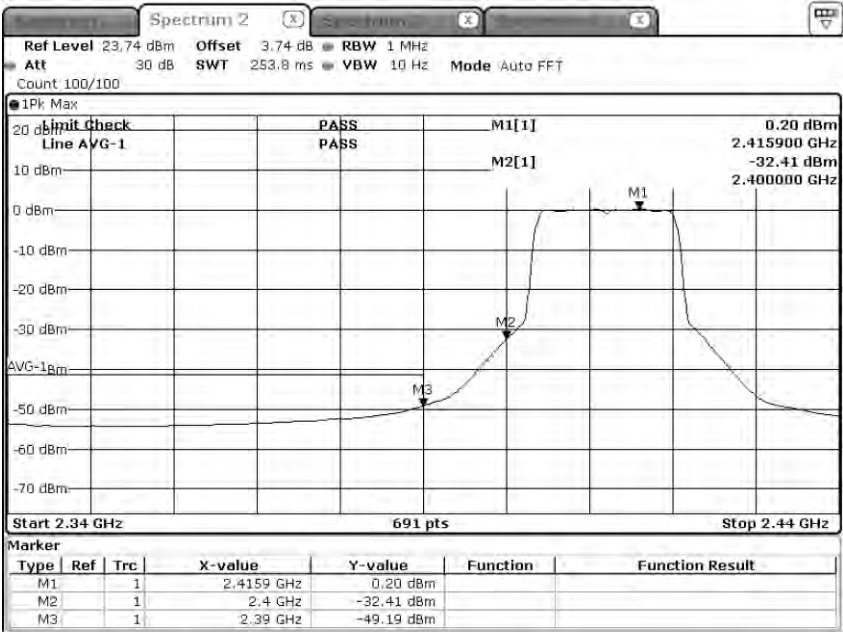
測試日期：110 年 08 月 12 日

Peak



Date: 12.AUG.2021 05:00:48

Average



Date: 12.AUG.2021 04:58:54

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

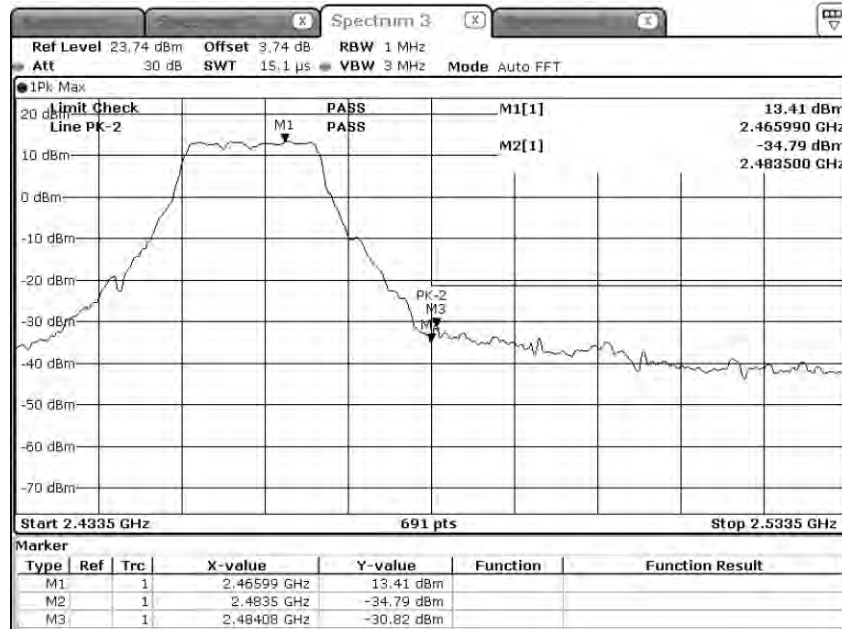
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 11 (2462MHz)

測試模式：Mode 2: SISO A: 發射器 802.11g

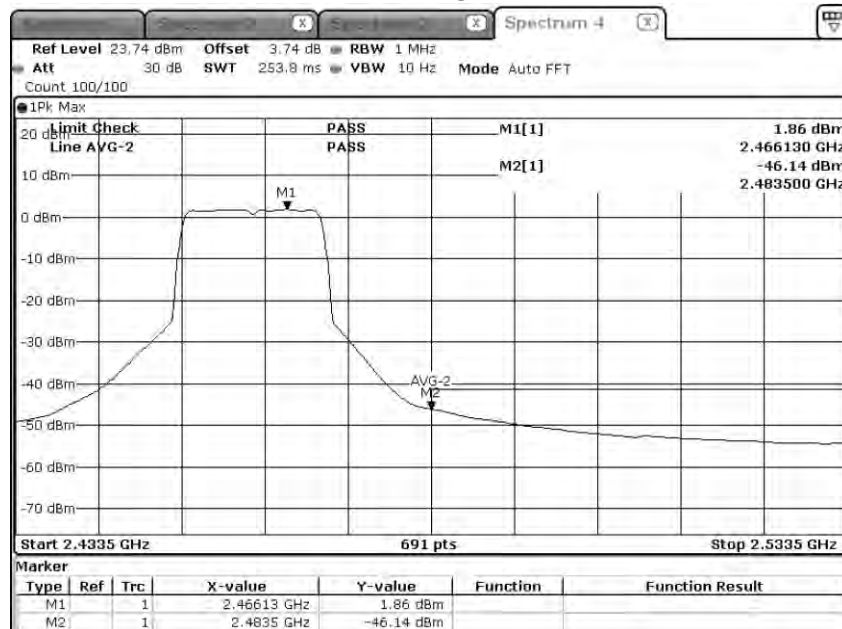
測試日期：110 年 08 月 12 日

Peak



Date: 12.AUG.2021 04:55:16

Average



Date: 12.AUG.2021 04:52:41

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

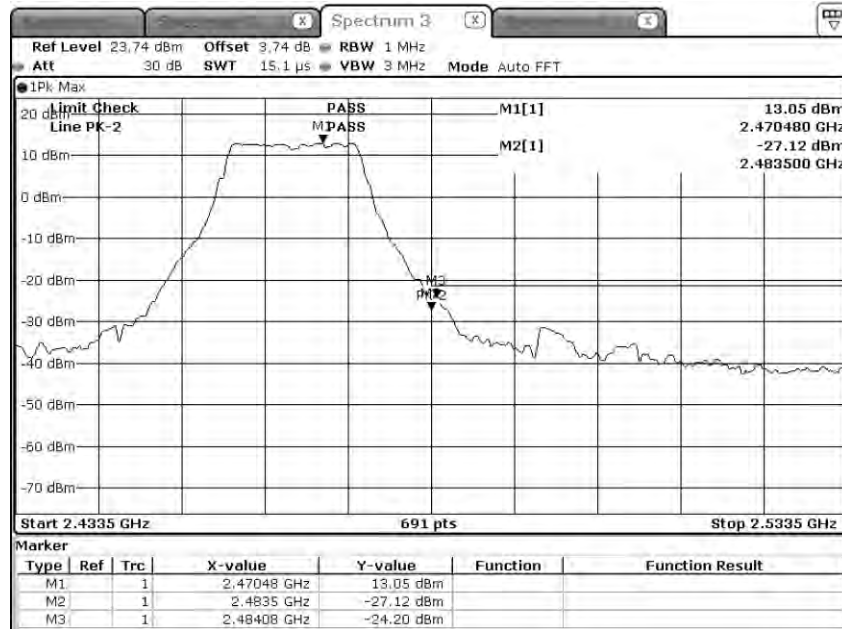
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 12 (2467MHz)

測試模式：Mode 2: SISO A: 發射器 802.11g

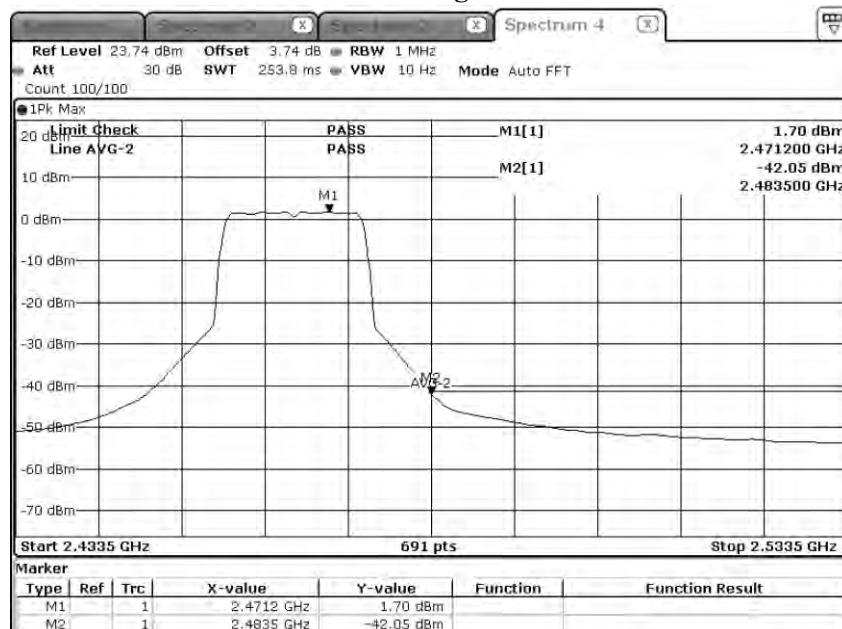
測試日期：110 年 08 月 13 日

Peak



Date: 13.AUG.2021 10:38:43

Average



Date: 13.AUG.2021 10:37:16

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

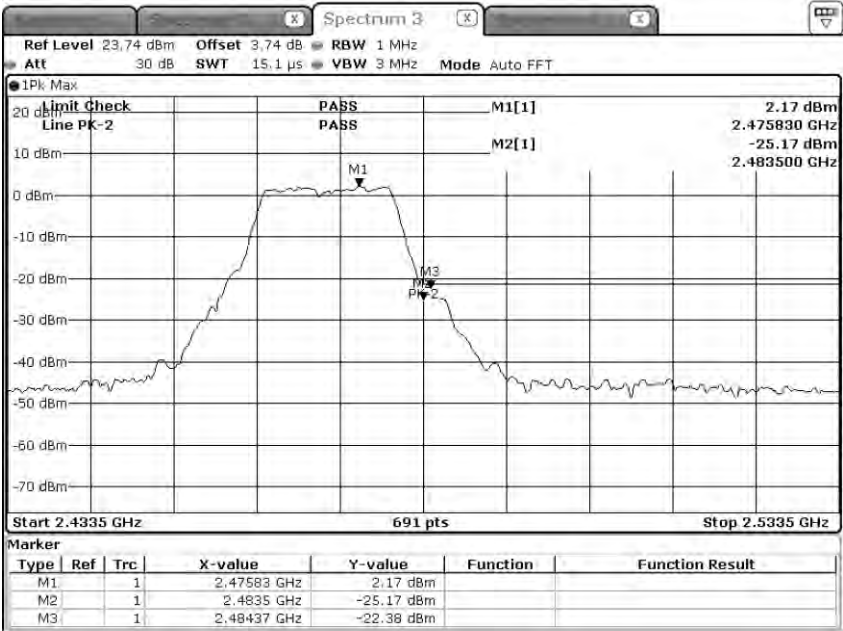
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 13 (2472MHz)

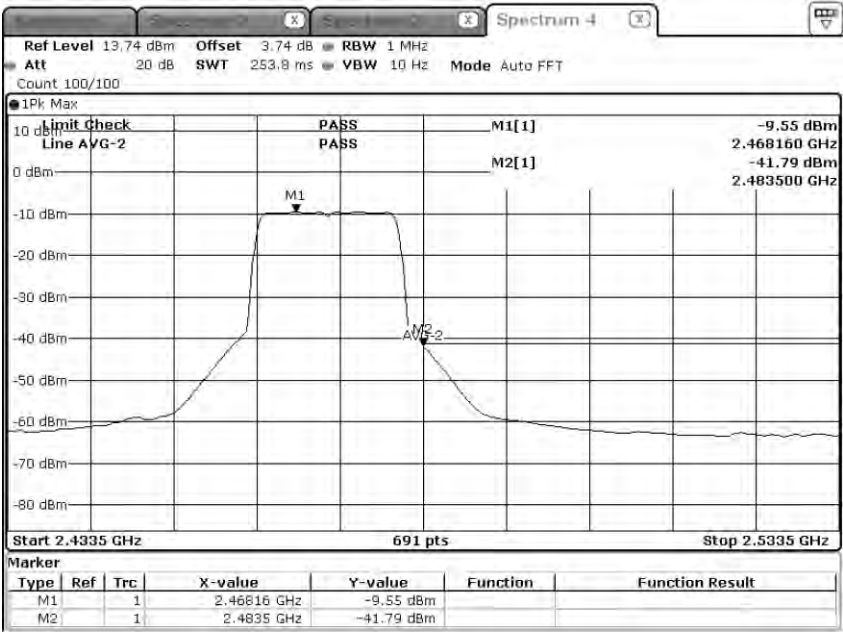
測試模式：Mode 2: SISO A: 發射器 802.11g

測試日期：110 年 08 月 13 日

Peak



Average



待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

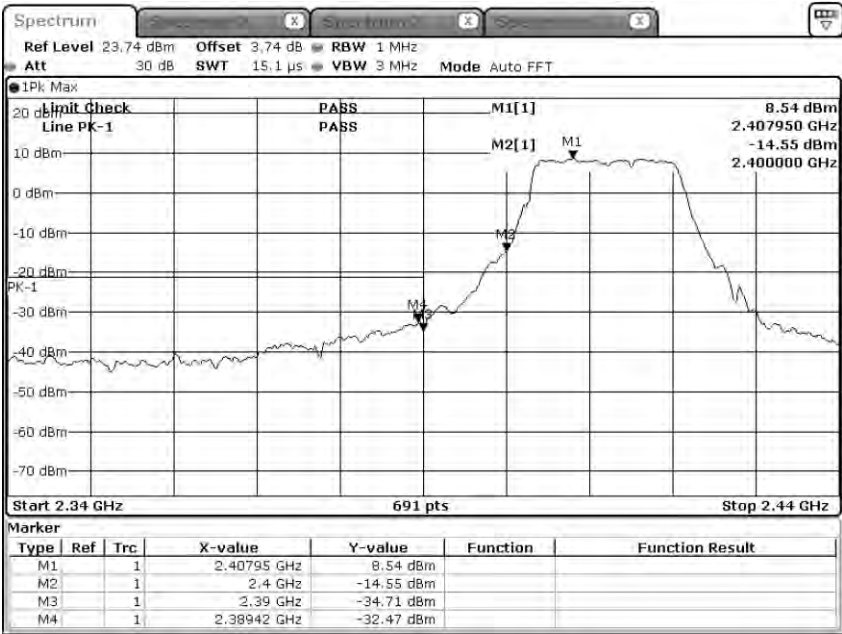
測試頻道：CH 01 (2412MHz)

測試日期：110年08月12日

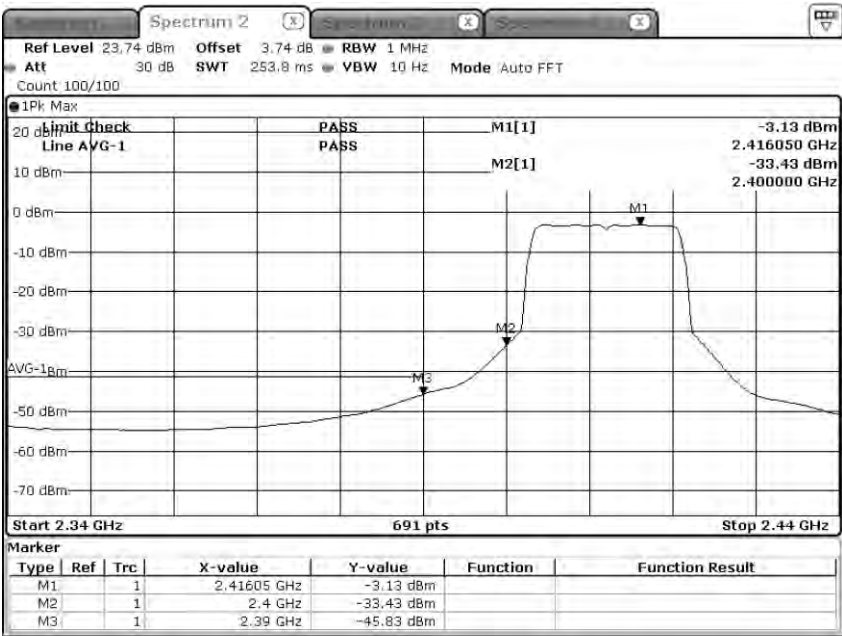
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

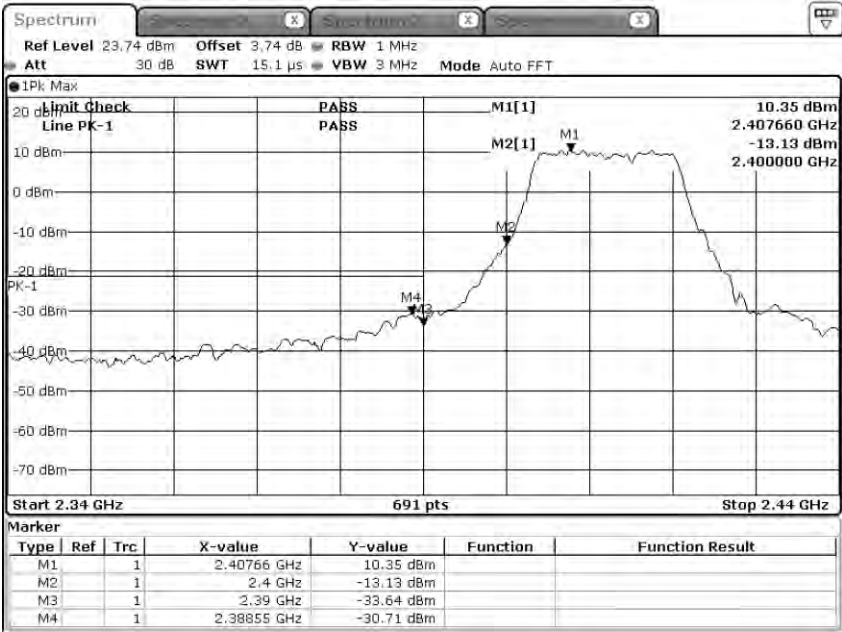
Peak (Chain A)



Average (Chain A)

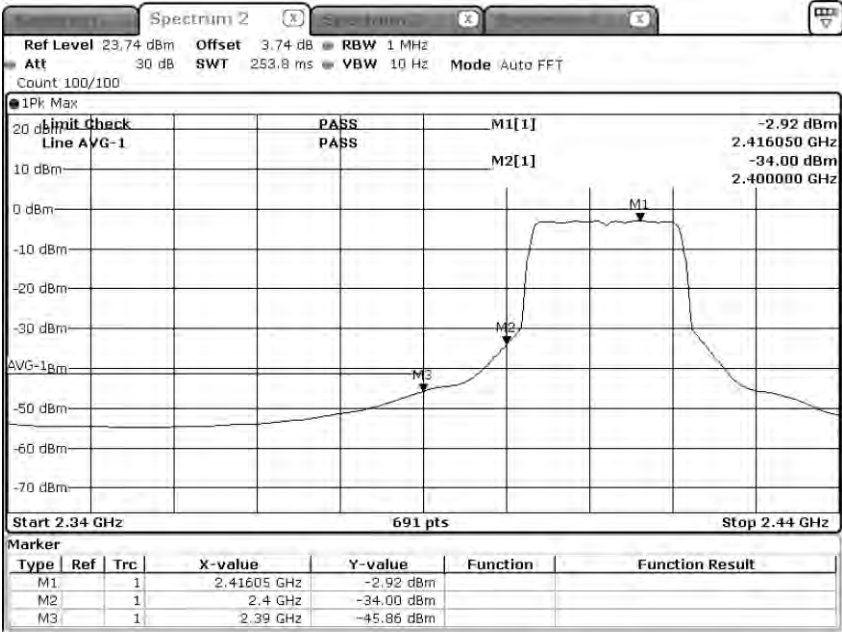


Peak (Chain B)



Date: 12.AUG.2021 05:39:23

Average (Chain B)



Date: 12.AUG.2021 05:45:12

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

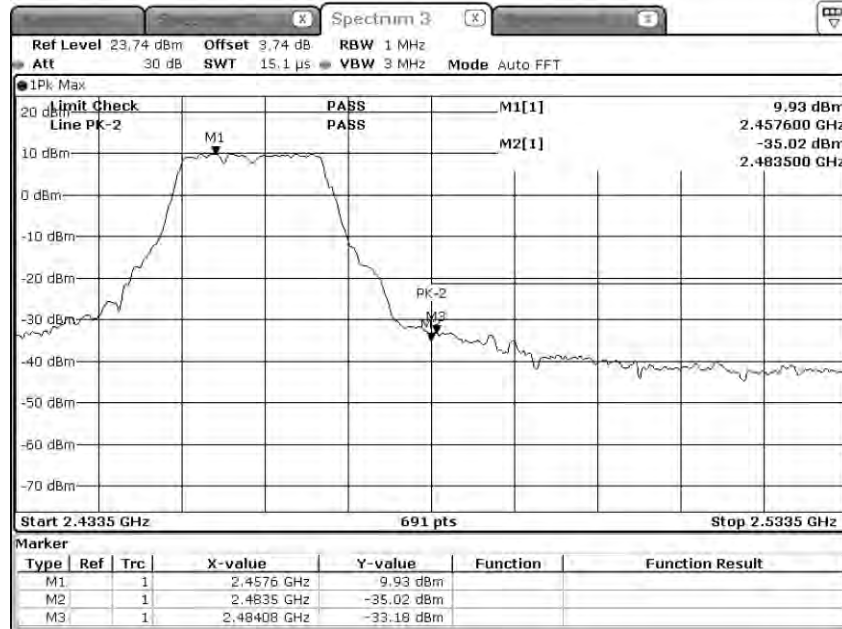
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 11 (2462MHz)

測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

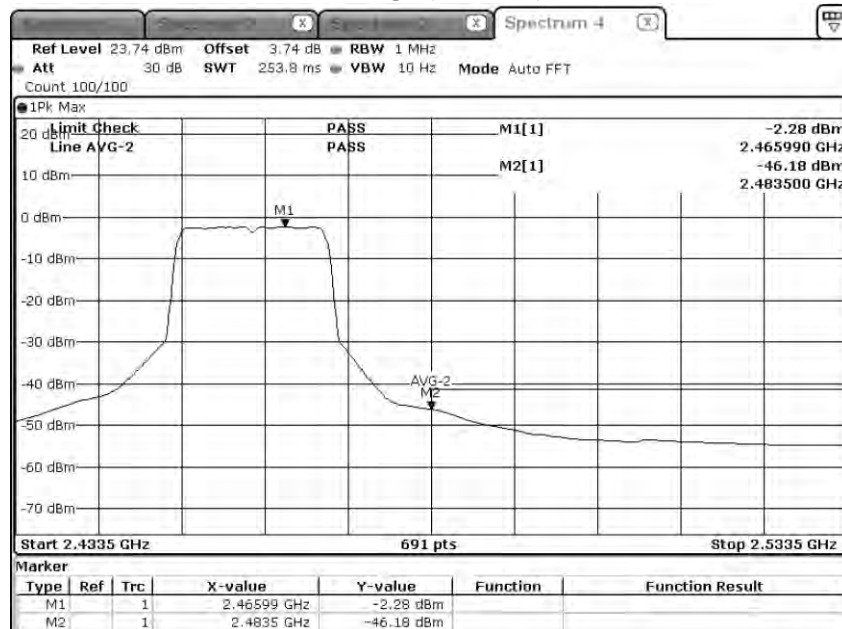
測試日期：110 年 08 月 12 日

Peak (Chain A)



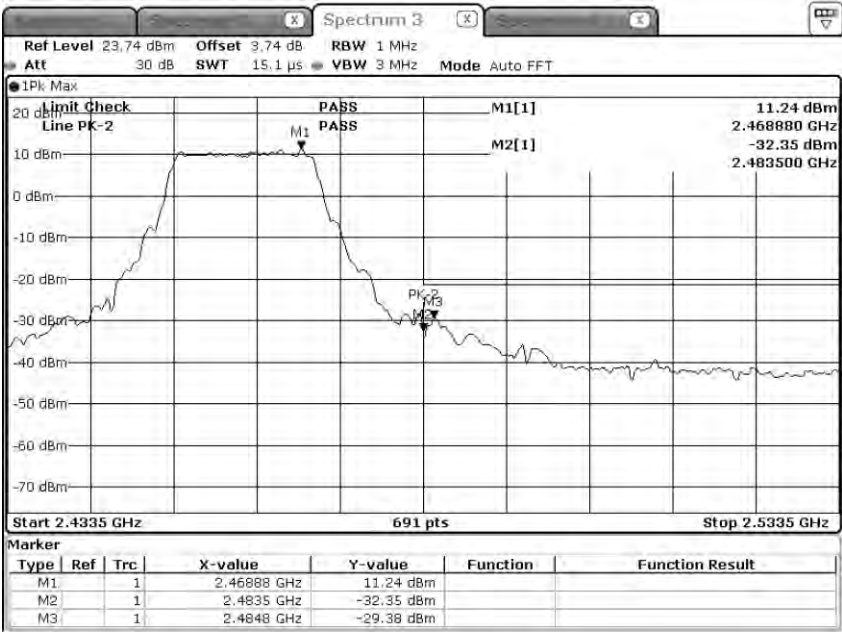
Date: 12.AUG.2021 05:12:01

Average (Chain A)



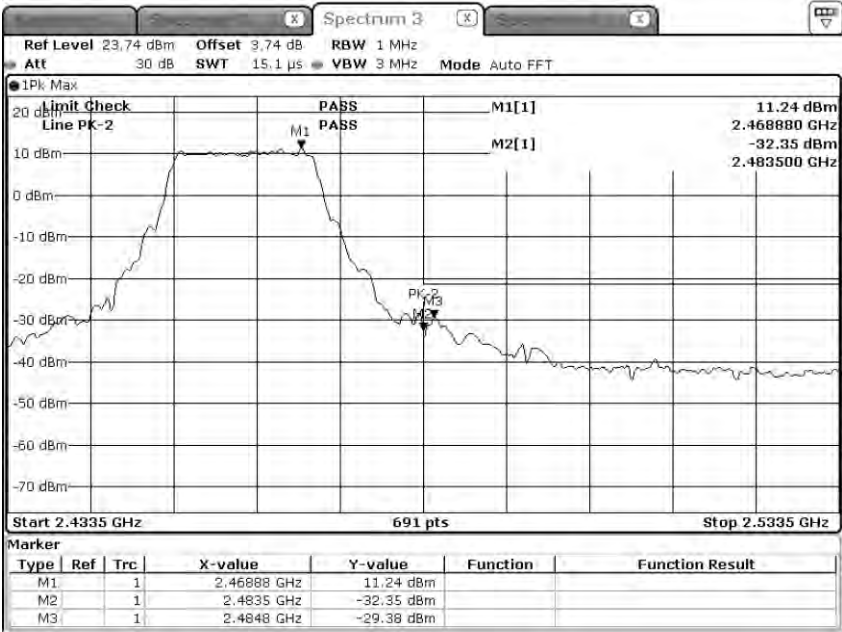
Date: 12.AUG.2021 05:15:01

Peak (Chain B)



Date: 12 AUG 2021 05:18:23

Average (Chain B)



Date: 12 AUG 2021 05:18:23

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

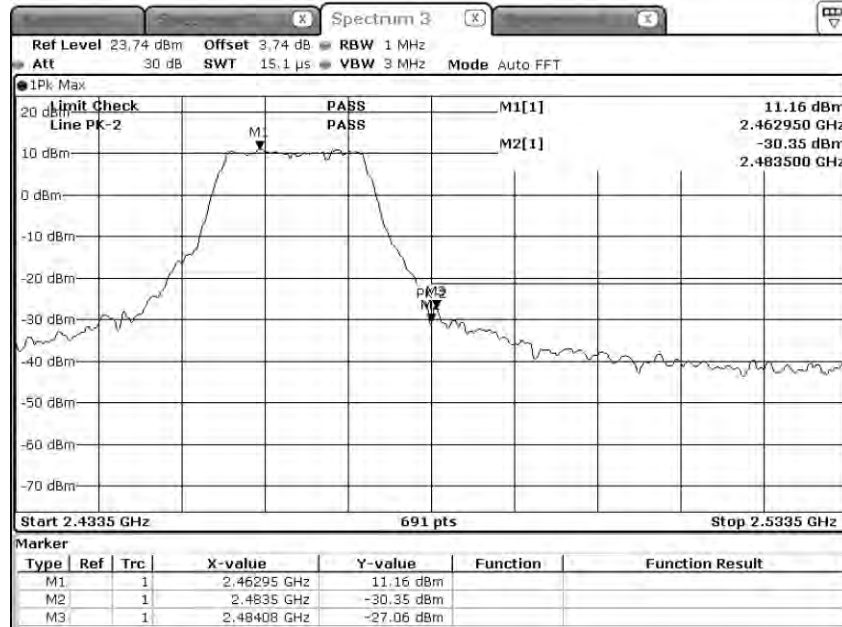
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 12 (2467MHz)

測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

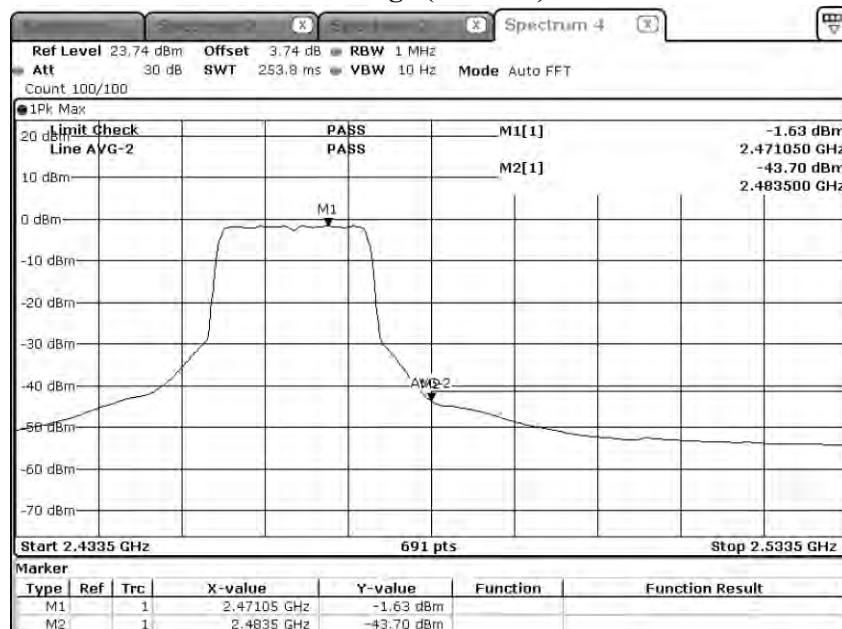
測試日期：110 年 08 月 13 日

Peak (Chain A)



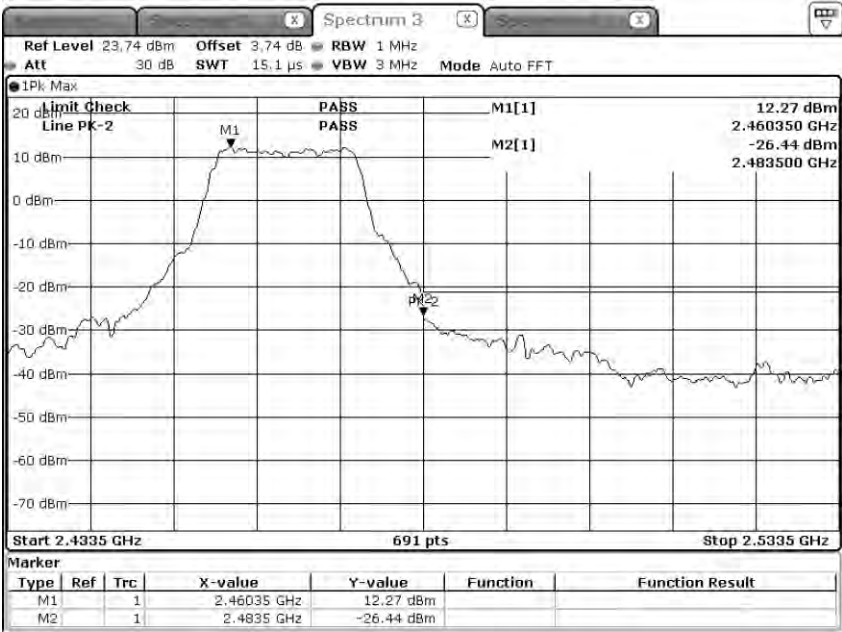
Date: 13.AUG.2021 11:51:39

Average (Chain A)



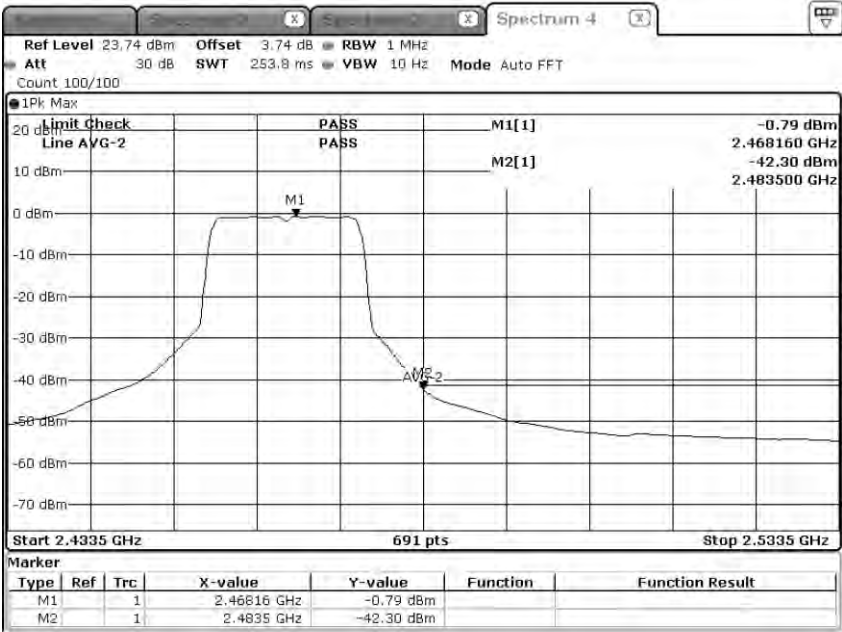
Date: 13.AUG.2021 11:54:42

Peak (Chain B)



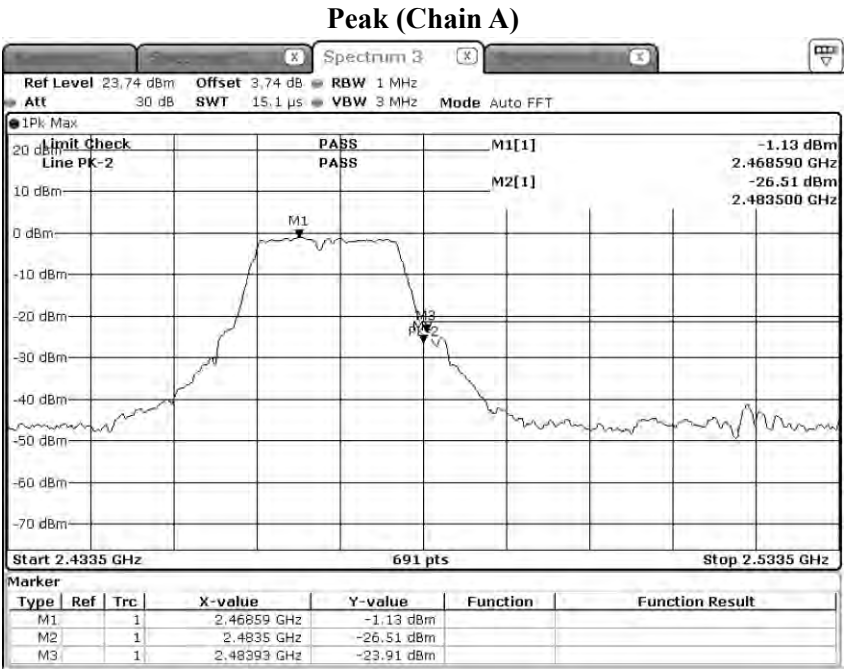
Date: 13.AUG.2021 11:06:34

Average (Chain B)

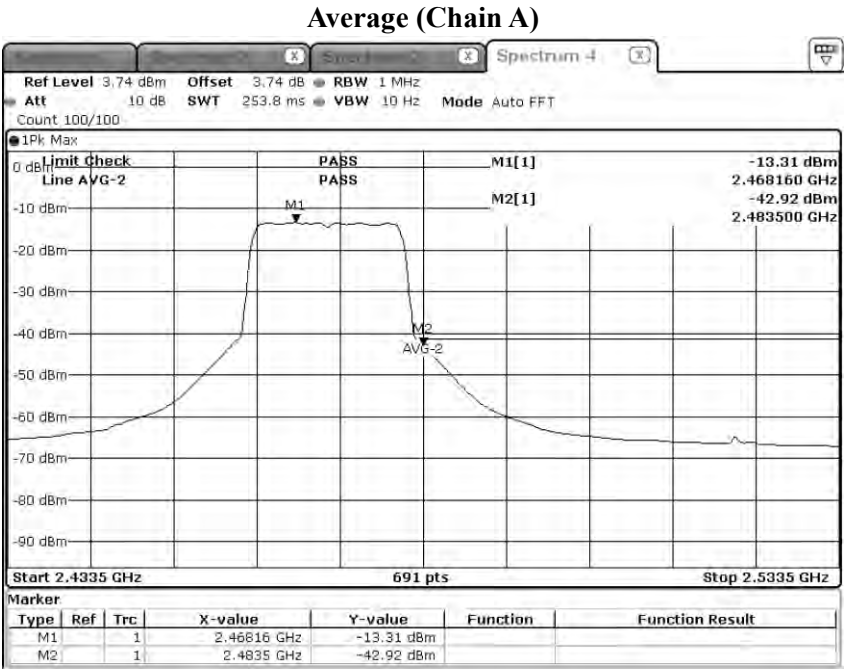


Date: 13.AUG.2021 11:04:25

待測物名稱：Intel® Dual Band Wireless-AC 7260
待測物型號：7260NGW
測試項目：使用頻率範圍外之任意 100 千赫雜訊
測試頻道：CH 13 (2472MHz)
測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)
測試日期：110 年 08 月 13 日



Date: 13.AUG.2021 11:49:39



Date: 13.AUG.2021 11:47:09

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

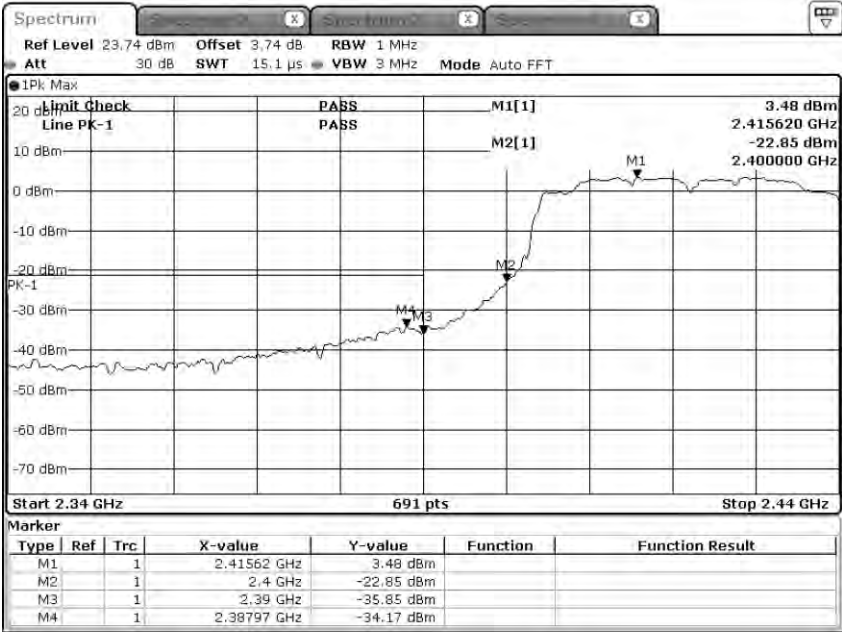
測試頻道：CH 03 (2422 MHz)

測試日期：110 年 08 月 12 日

測試項目：使用頻率範圍外之任意 100 千赫雜訊

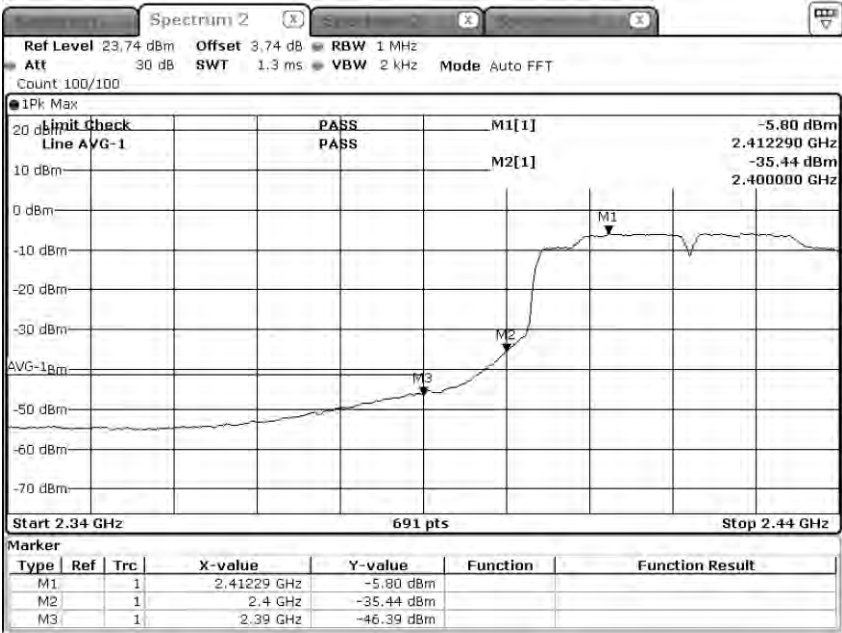
測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

Peak (Chain A)



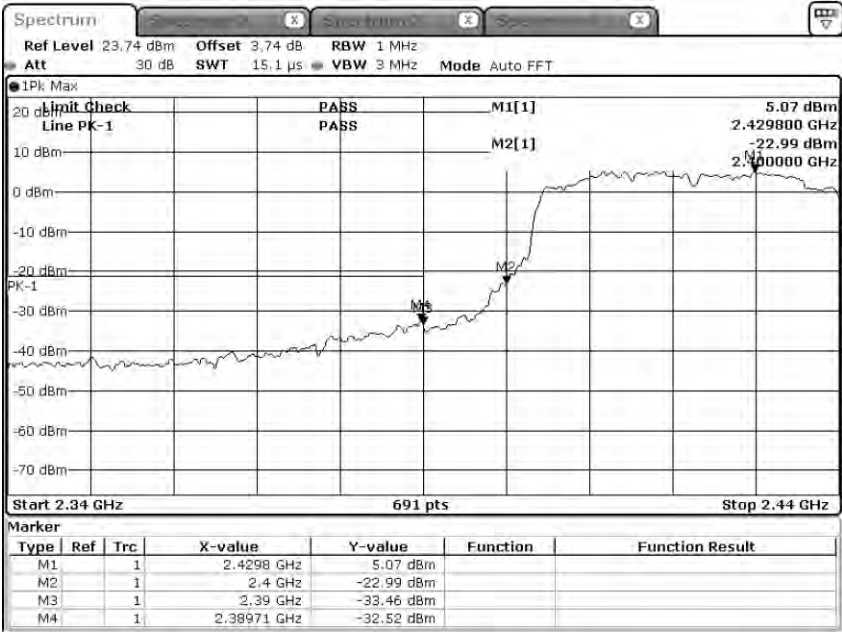
Date: 12 AUG 2021 07:04:16

Average (Chain A)



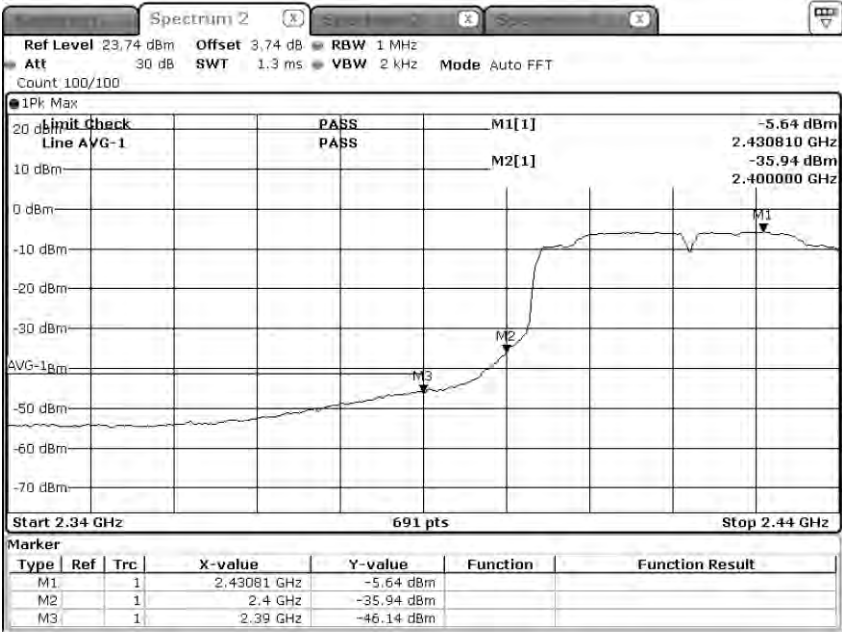
Date: 12 AUG 2021 07:02:26

Peak (Chain B)



Date: 12 AUG 2021 06:50:20

Average (Chain B)



Date: 12 AUG 2021 06:51:37

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

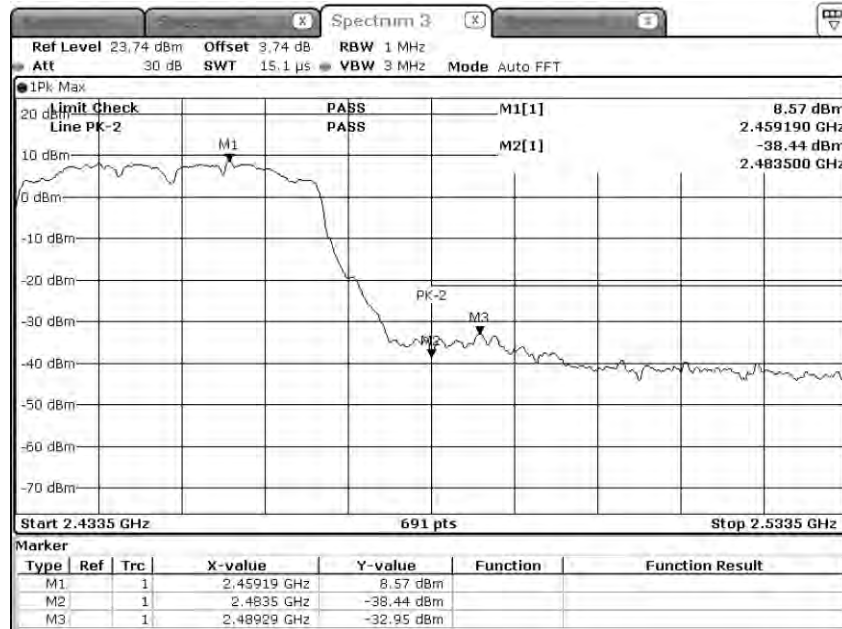
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 09 (2452MHz)

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

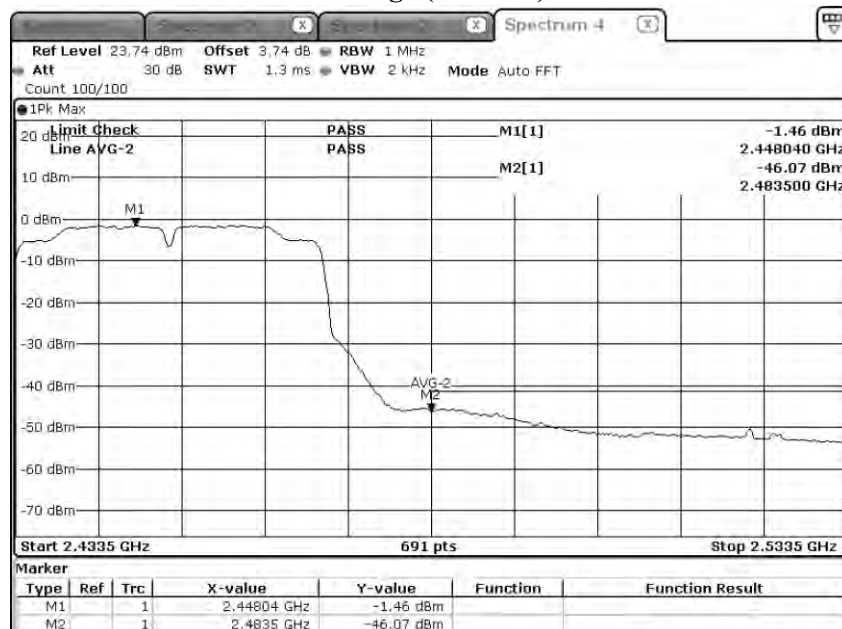
測試日期：110 年 08 月 12 日

Peak (Chain A)



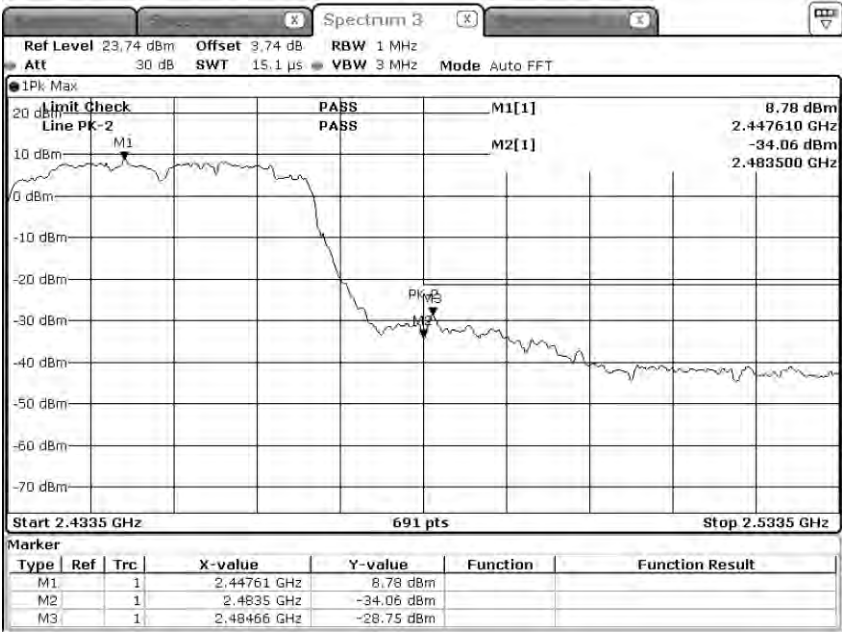
Date: 12.AUG.2021 07:00:24

Average (Chain A)



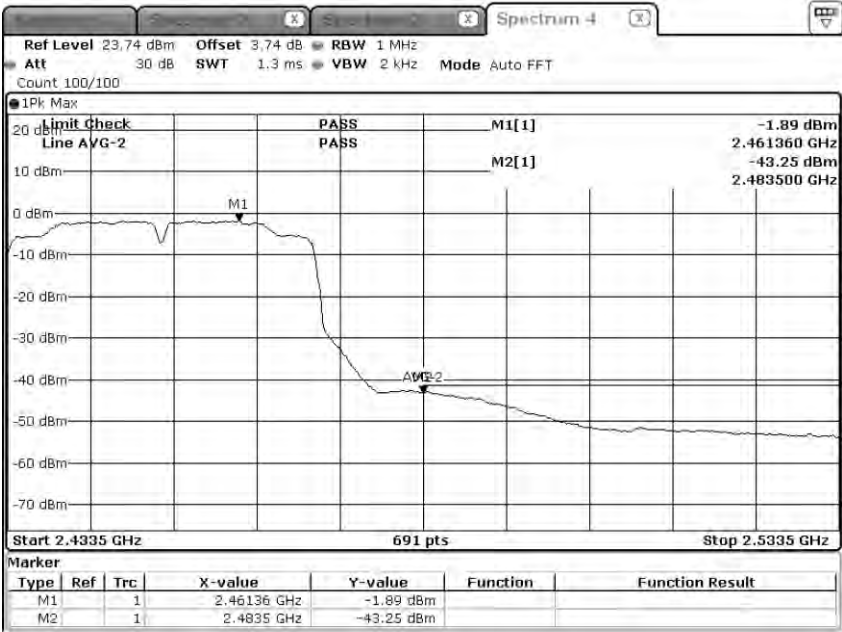
Date: 12.AUG.2021 06:59:14

Peak (Chain B)



Date: 12.AUG.2021 06:54:36

Average (Chain B)



Date: 12.AUG.2021 06:53:06

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

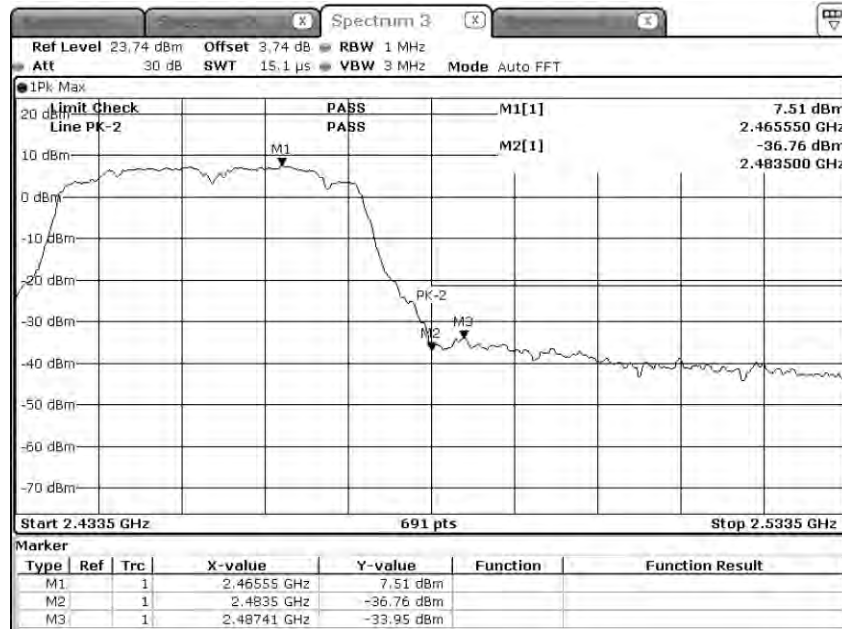
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 10 (2457MHz)

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

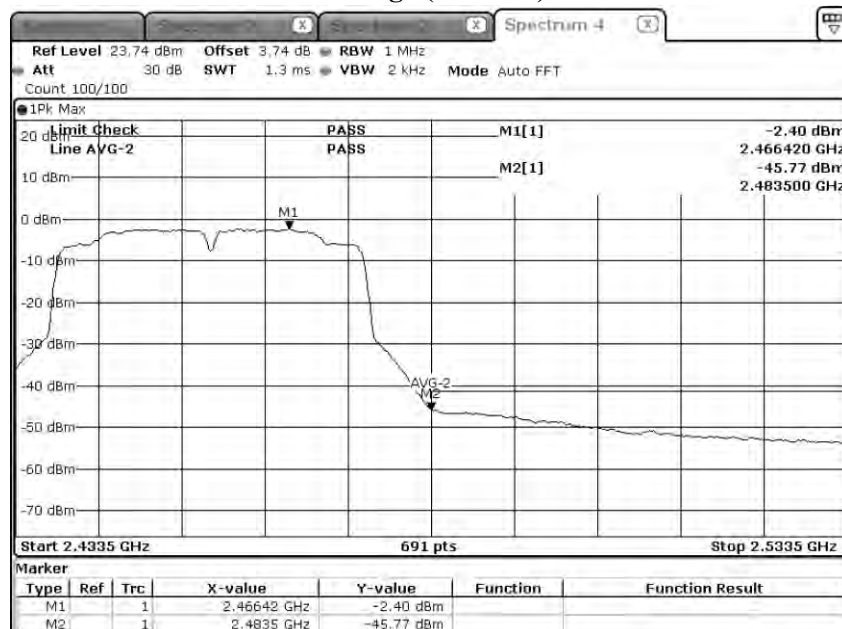
測試日期：110 年 08 月 13 日

Peak (Chain A)



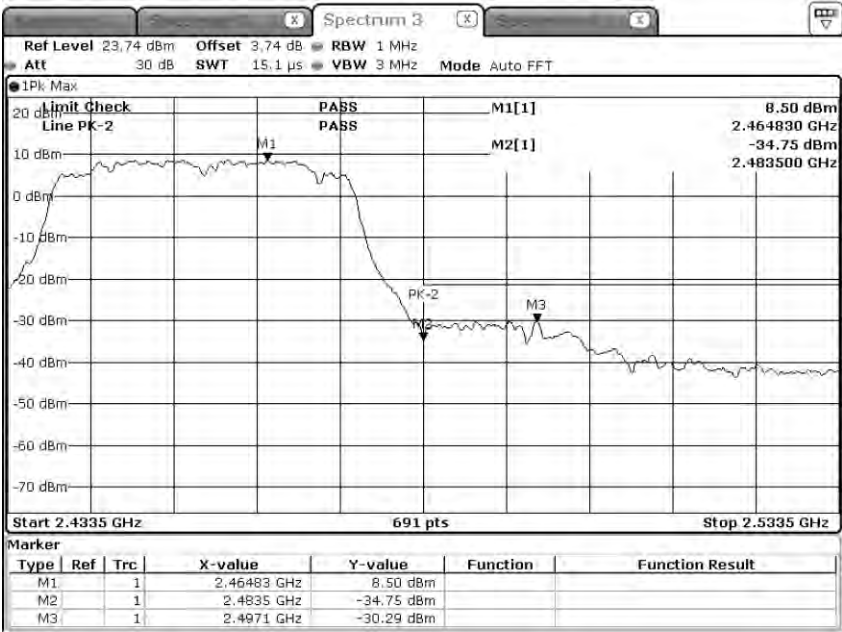
Date: 13.AUG.2021 11:38:26

Average (Chain A)



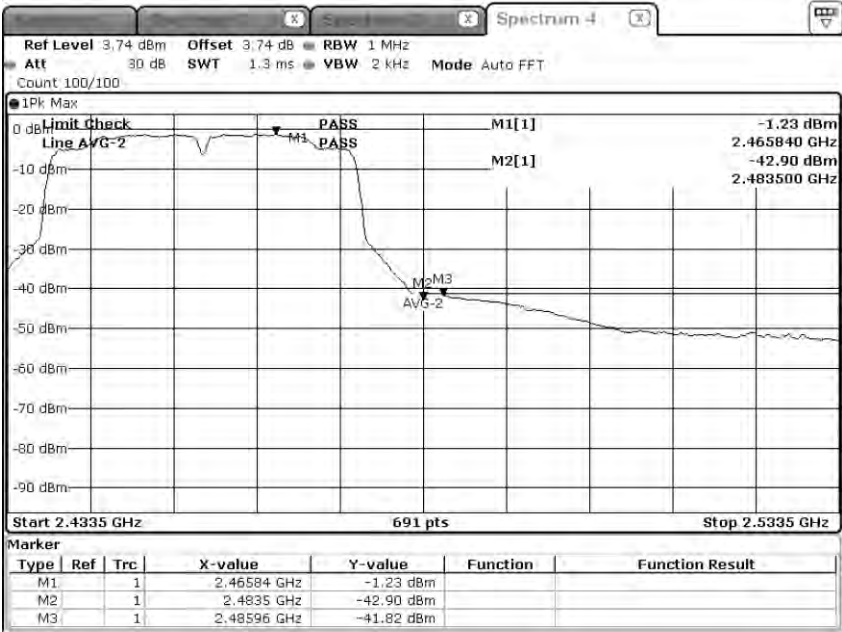
Date: 13.AUG.2021 11:37:02

Peak (Chain B)



Date: 13.AUG.2021 11:18:35

Average (Chain B)



Date: 13.AUG.2021 11:17:00

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

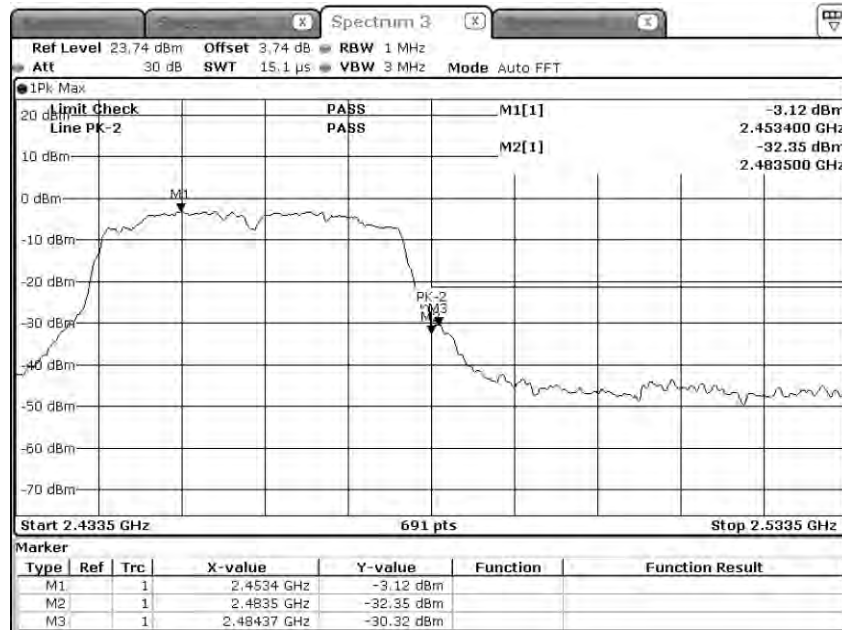
測試項目：使用頻率範圍外之任意 100 千赫雜訊

測試頻道：CH 11 (2462MHz)

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

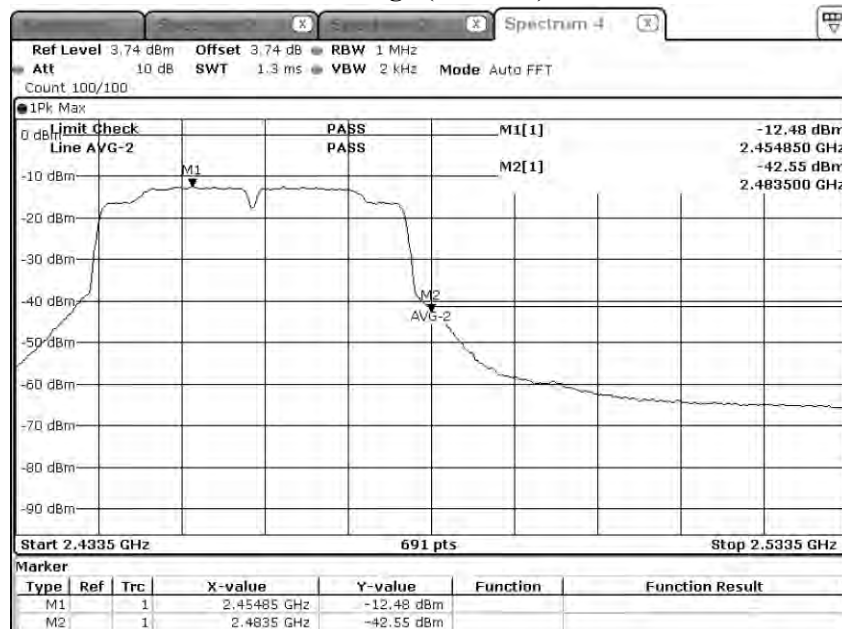
測試日期：110 年 08 月 13 日

Peak (Chain A)



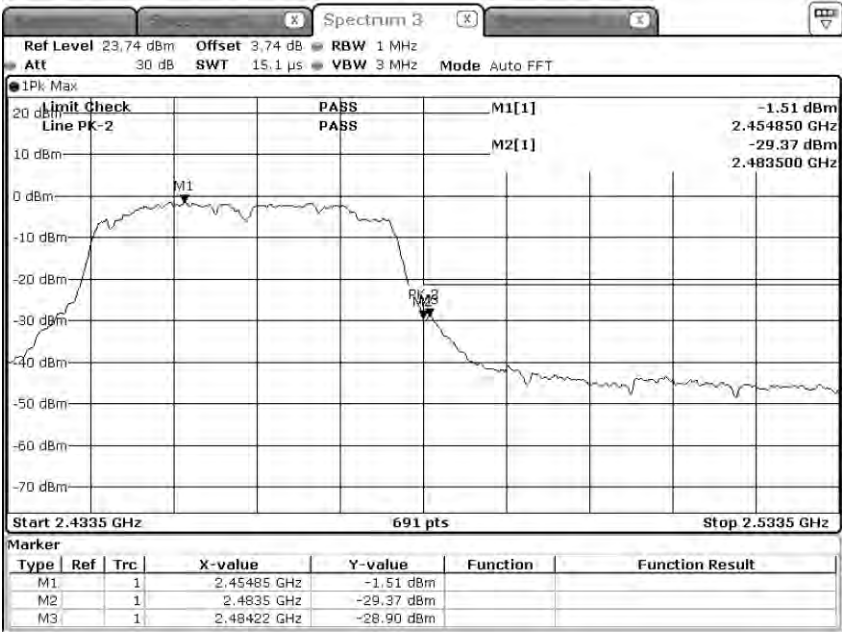
Date: 13 AUG 2021 11:41:33

Average (Chain A)



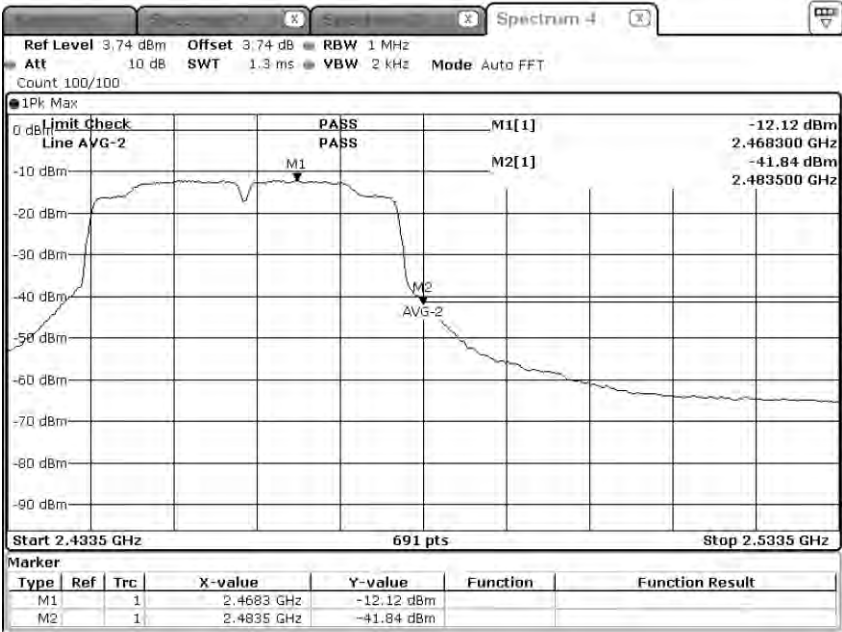
Date: 13 AUG 2021 11:40:32

Peak (Chain B)



Date: 13.AUG.2021 11:33:04

Average (Chain B)



Date: 13.AUG.2021 11:24:27

使用頻率範圍外之任意 100 千赫雜訊測試結果:

PASS

9. 佔用頻道寬度

9.1. 適用標準

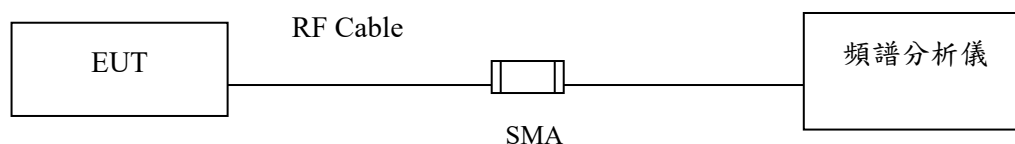
依據國家通訊傳播委員會低功率射頻器材技術規範之第4.10.1.6之要求，6dB頻寬至少應有500千赫(kHz)。

9.2. 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，設定頻譜分析儀之解析度頻寬為 100kHz，視訊頻寬不小於解析度頻寬，頻率掃瞄範圍(SPAN)遠大於解析度頻寬。

待測物應在正常發射狀態下量測。

9.3. 測試架構圖



9.4. 佔用頻帶寬度測試結果

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試項目：佔用頻帶寬度

測試頻道：--

測試模式：Mode 1: SISO A: 發射器 802.11b

測試日期：102 年 01 月 12 日

檢測器：峰值

Channel No.	Frequency (MHz)	Measure Level (kHz)	Limit (kHz)	Result
01	2412	12150	>500	Pass
06	2437	12100	>500	Pass
11	2462	12100	>500	Pass
12	2467	10200	>500	Pass
13	2472	10200	>500	Pass

Figure Channel 01:

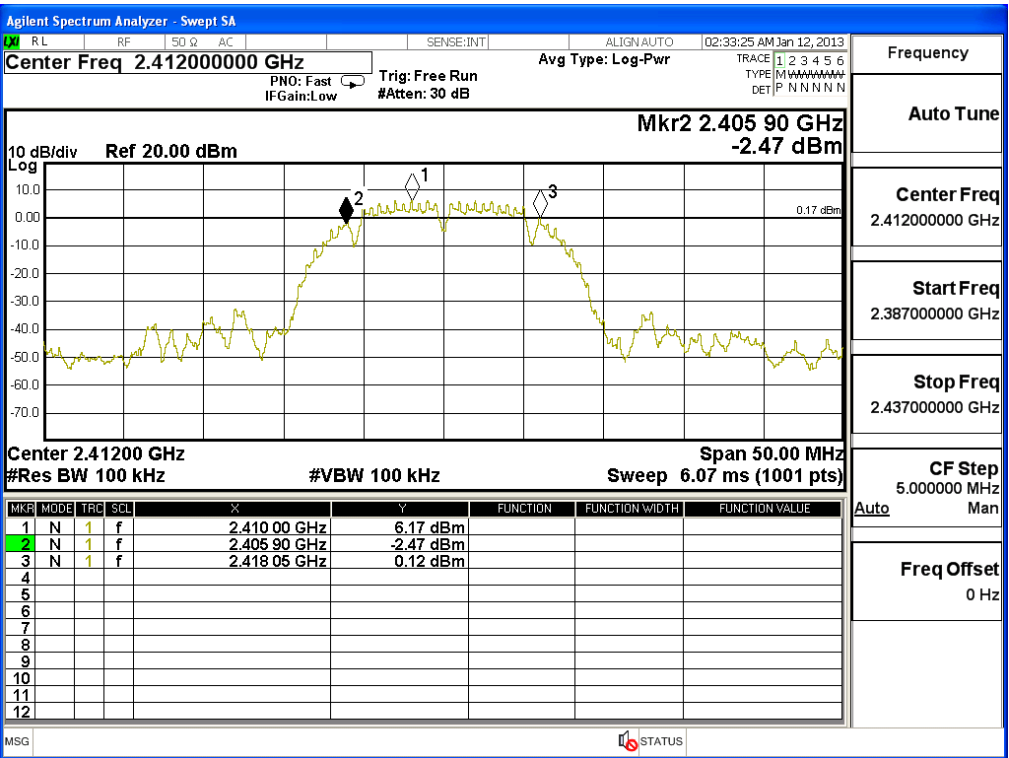


Figure Channel 06:

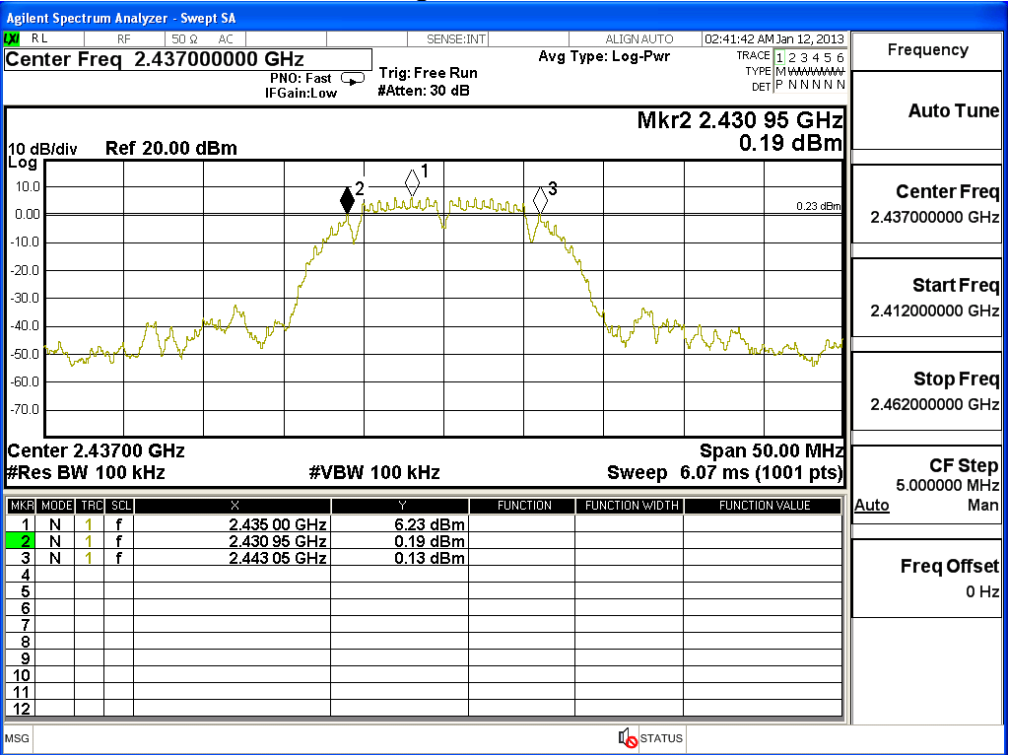


Figure Channel 11:

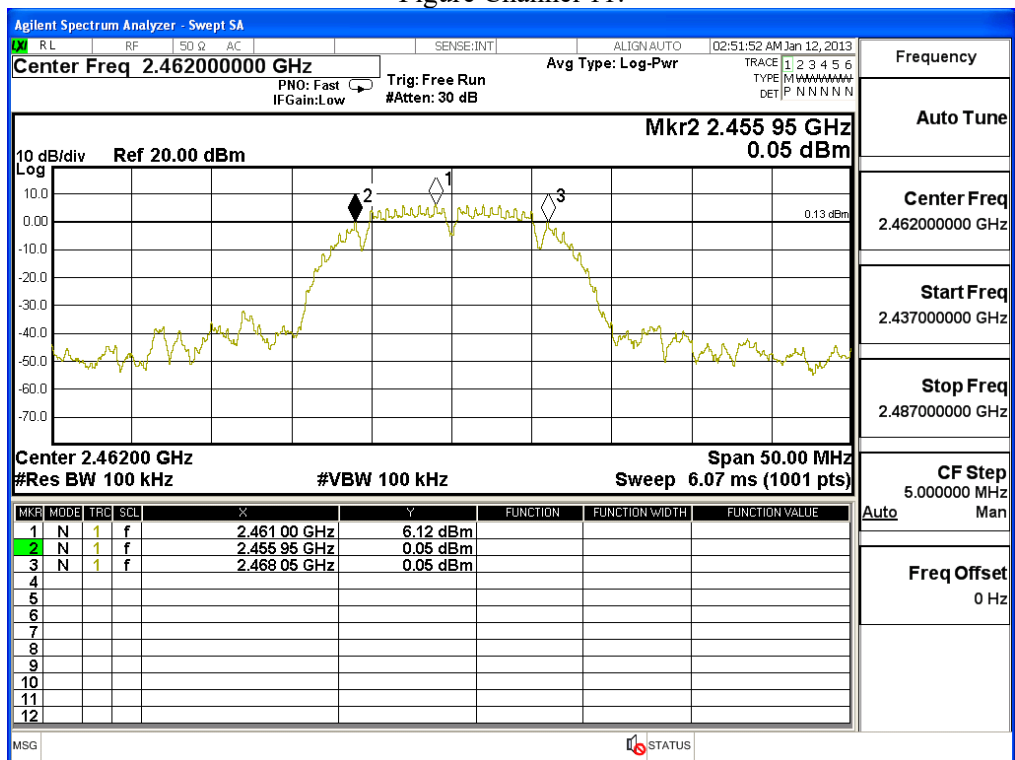
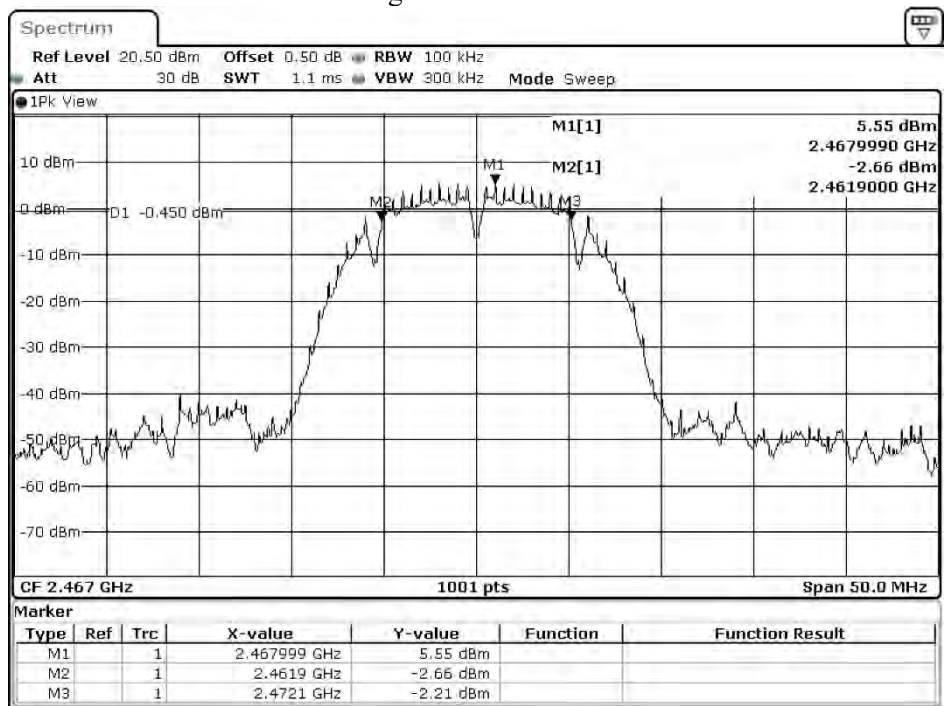
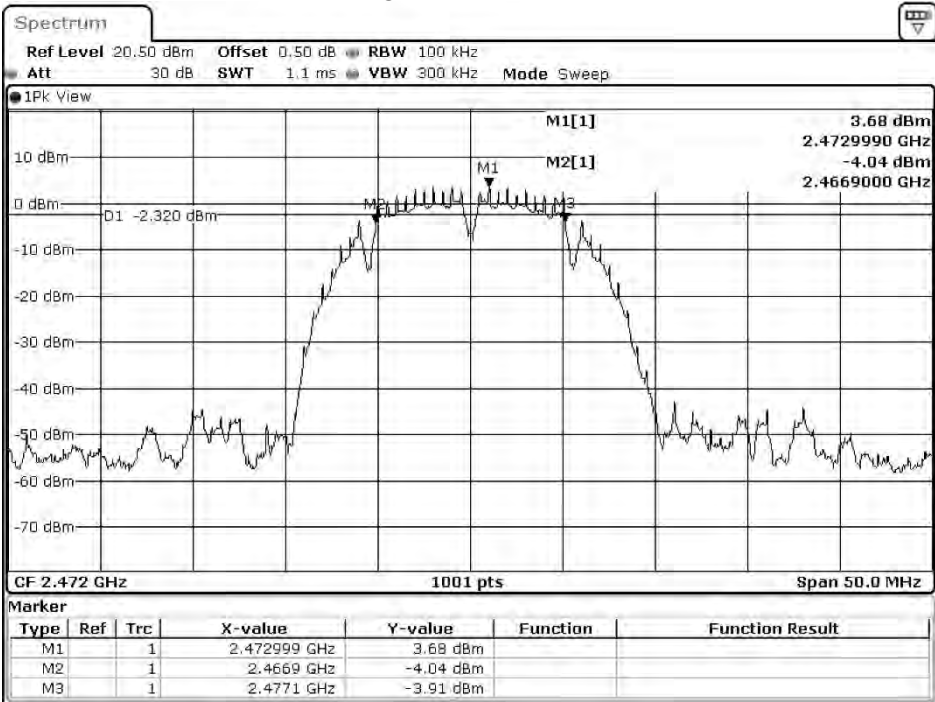


Figure Channel 12:



Date: 16 AUG.2021 04:29:15

Figure Channel 13:



Date: 16 AUG.2021 04:33:51

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測 試 項 目：佔用頻帶寬度

測 試 頻 道：--

測 試 模 式：Mode 2: SISO A: 發射器 802.11g

測 試 日 期：102 年 01 月 12 日

檢 測 器：峰值

Channel No.	Frequency (MHz)	Measure Level (kHz)	Limit (kHz)	Result
01	2412	16500	>500	Pass
06	2437	16400	>500	Pass
11	2462	16500	>500	Pass
12	2467	16400	>500	Pass
13	2472	16450	>500	Pass

Figure Channel 01:

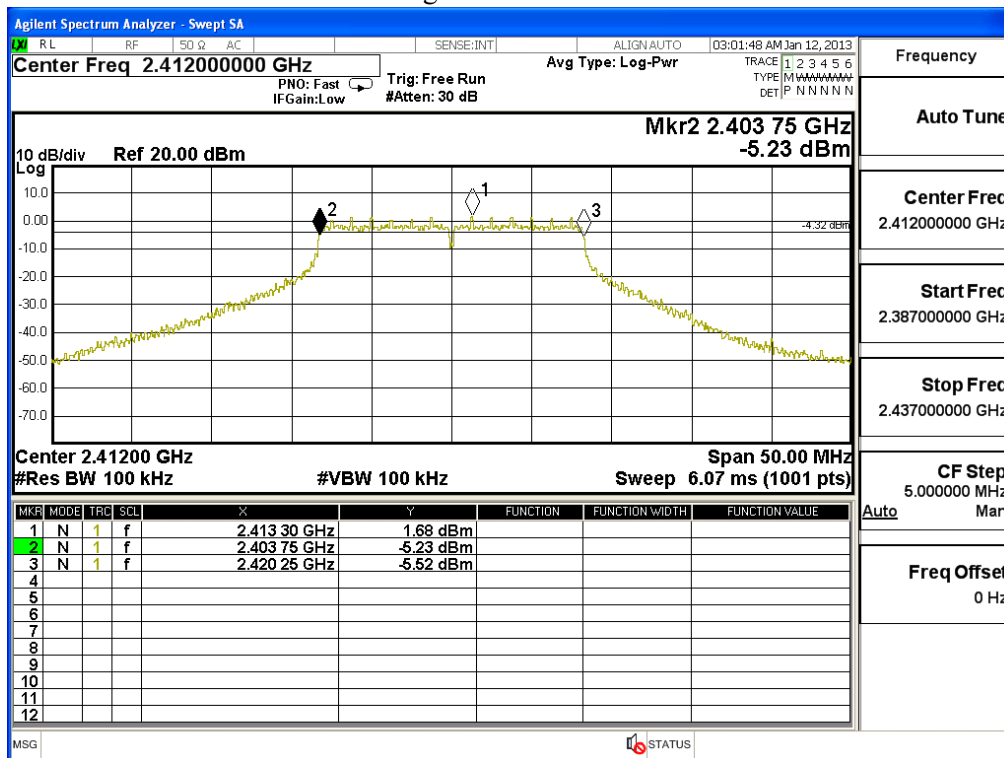


Figure Channel 06:

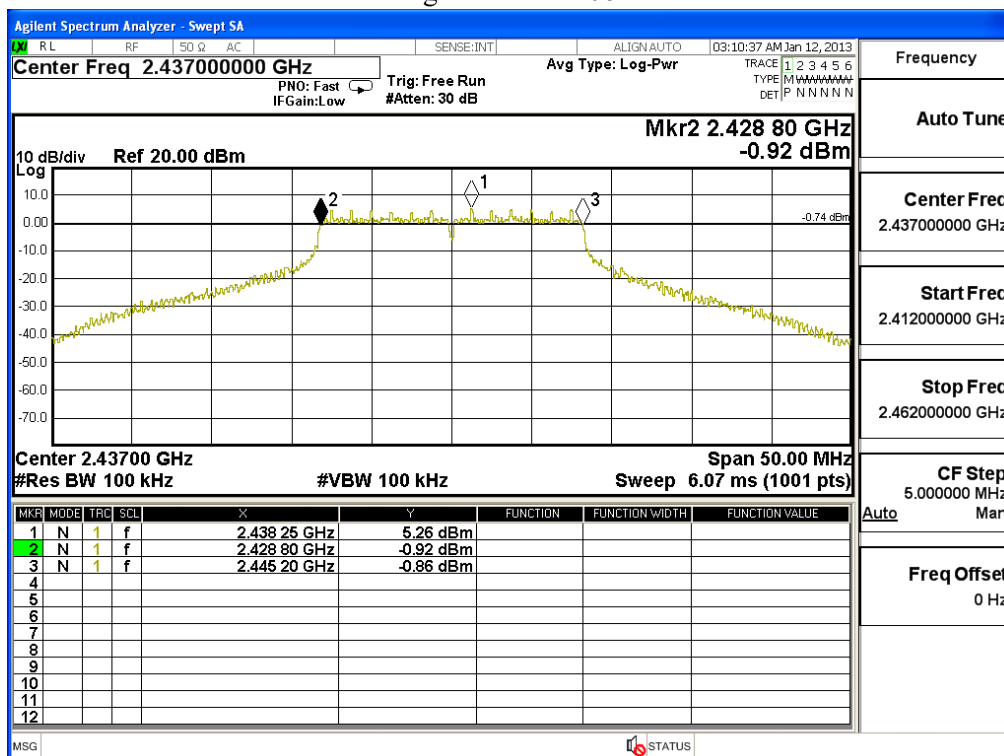


Figure Channel 11:

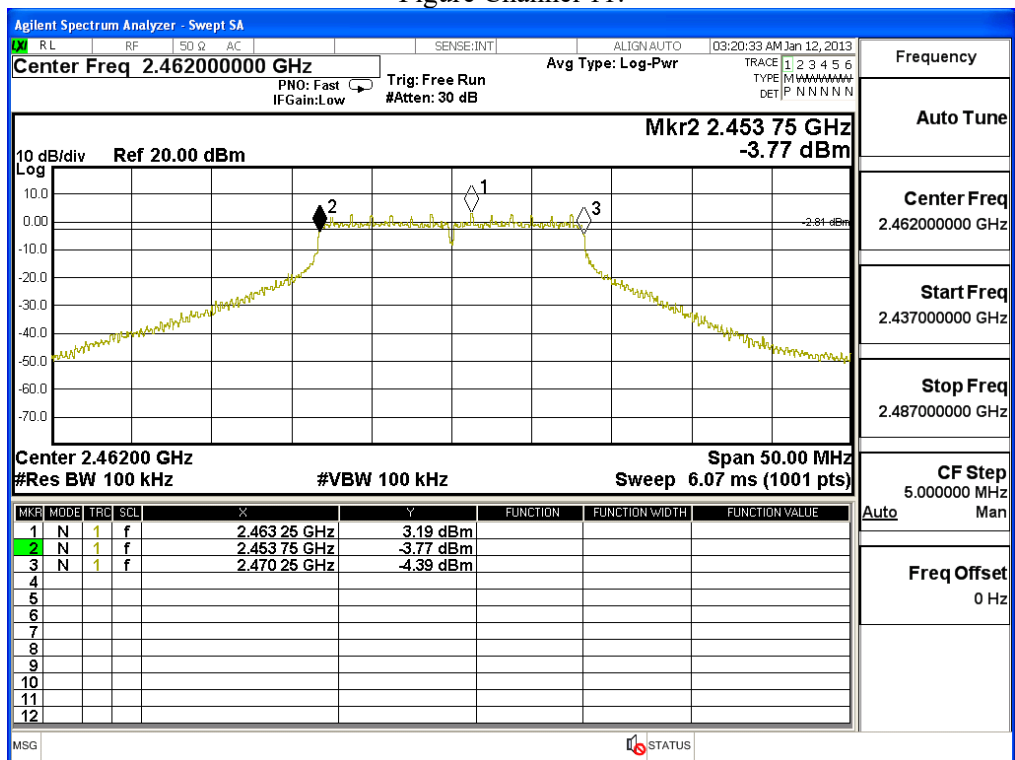
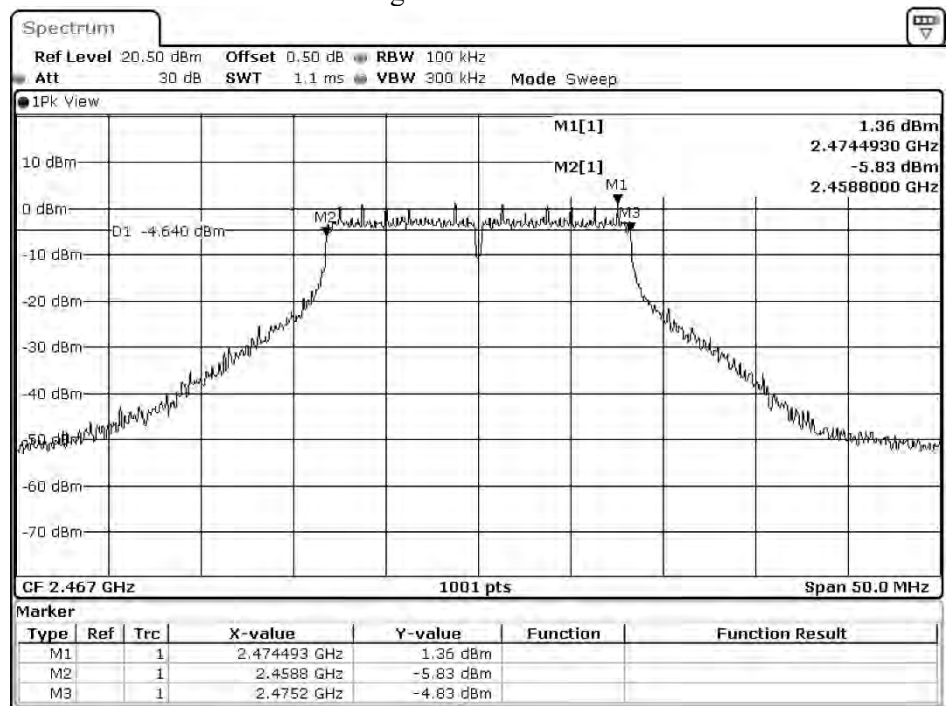
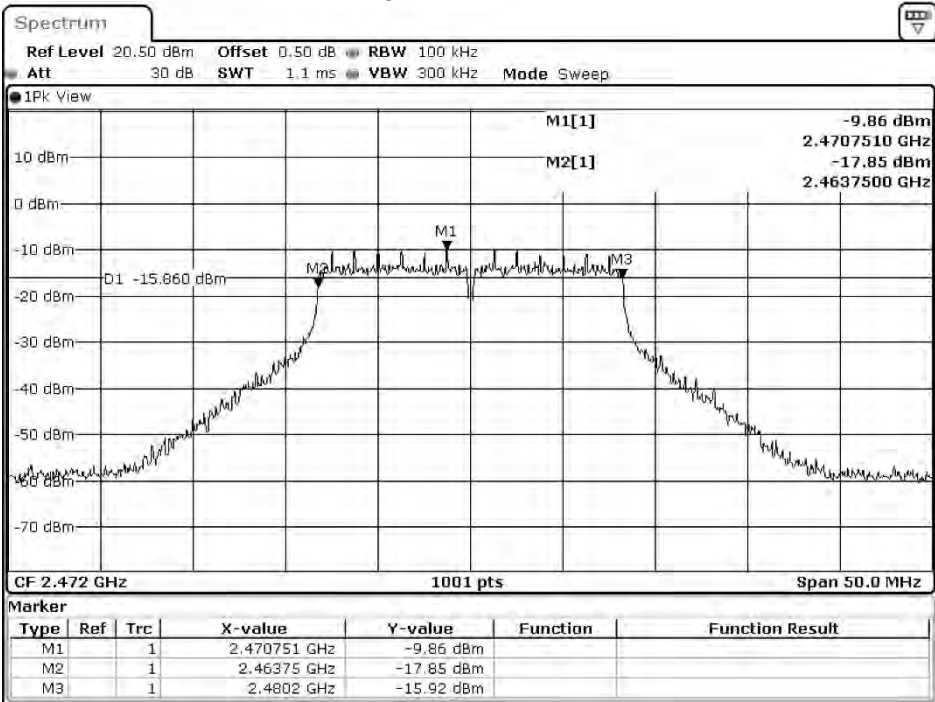


Figure Channel 12:



Date: 16 AUG.2021 04:36:44

Figure Channel 13:



Date: 16 AUG.2021 04:39:30

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試項目：佔用頻帶寬度

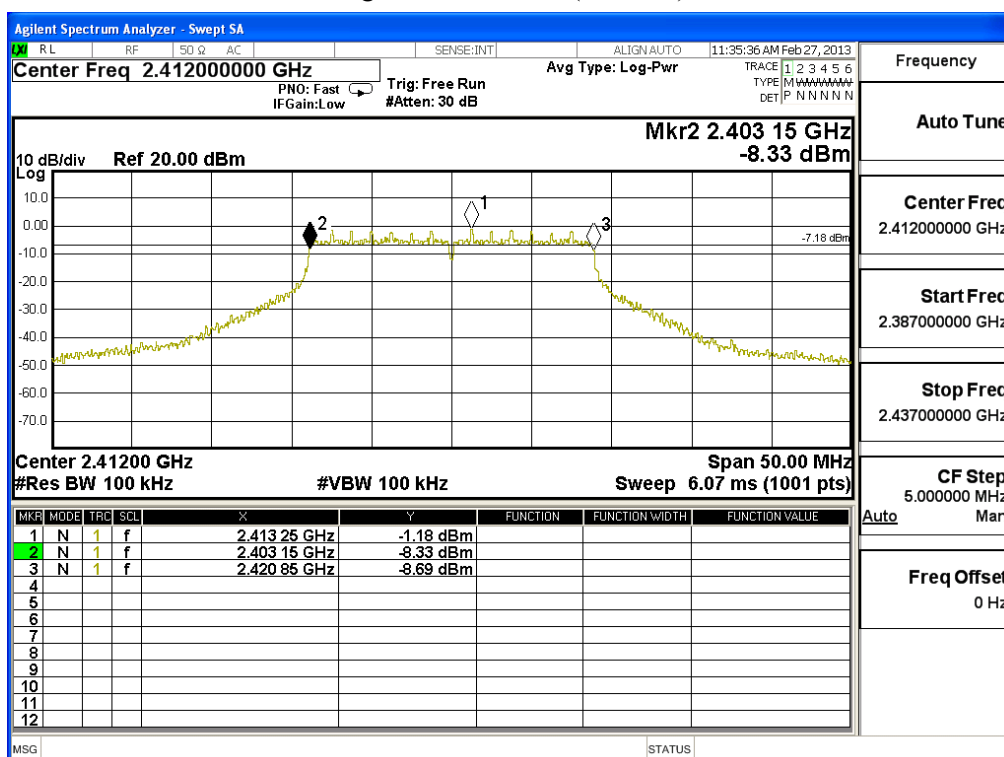
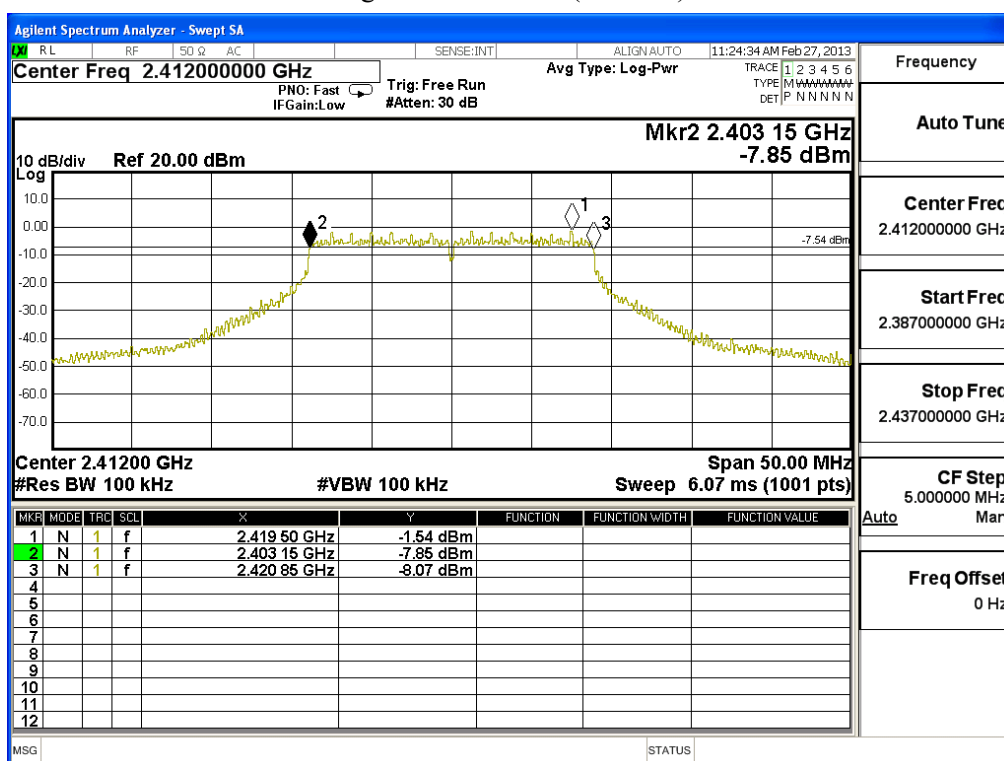
測試頻道：--

測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

測試日期：102 年 02 月 27 日

檢測器：峰值

Channel No.	Frequency (MHz)	Chain	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	A	17700	>500	Pass
07	2442	A	17700	>500	Pass
11	2462	A	17700	>500	Pass
12	2467	A	17700	>500	Pass
13	2472	A	17700	>500	Pass
01	2412	B	17700	>500	Pass
07	2442	B	17700	>500	Pass
11	2462	B	17700	>500	Pass
12	2467	B	17700	>500	Pass
13	2472	B	17700	>500	Pass



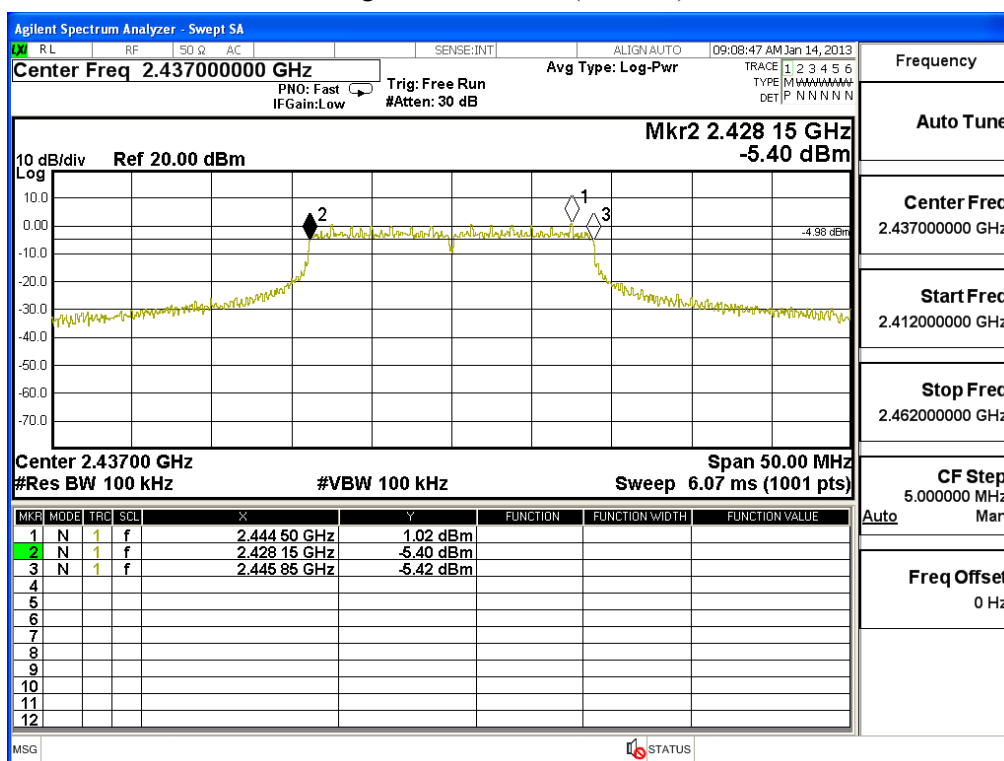
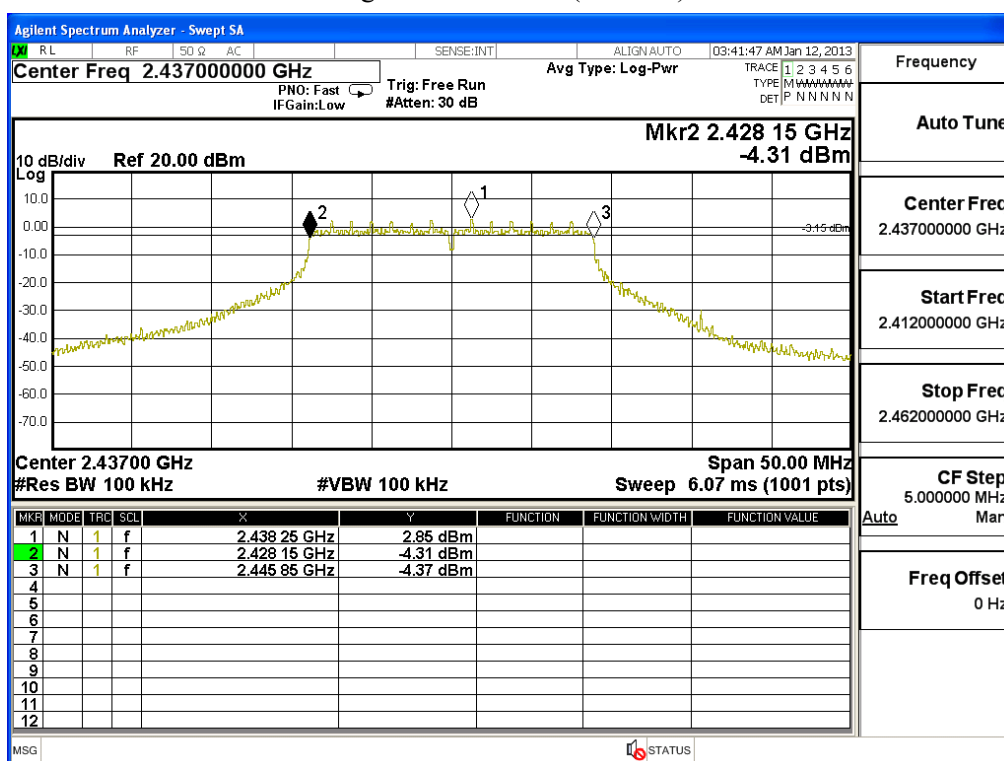


Figure Channel 11: (Chain A)

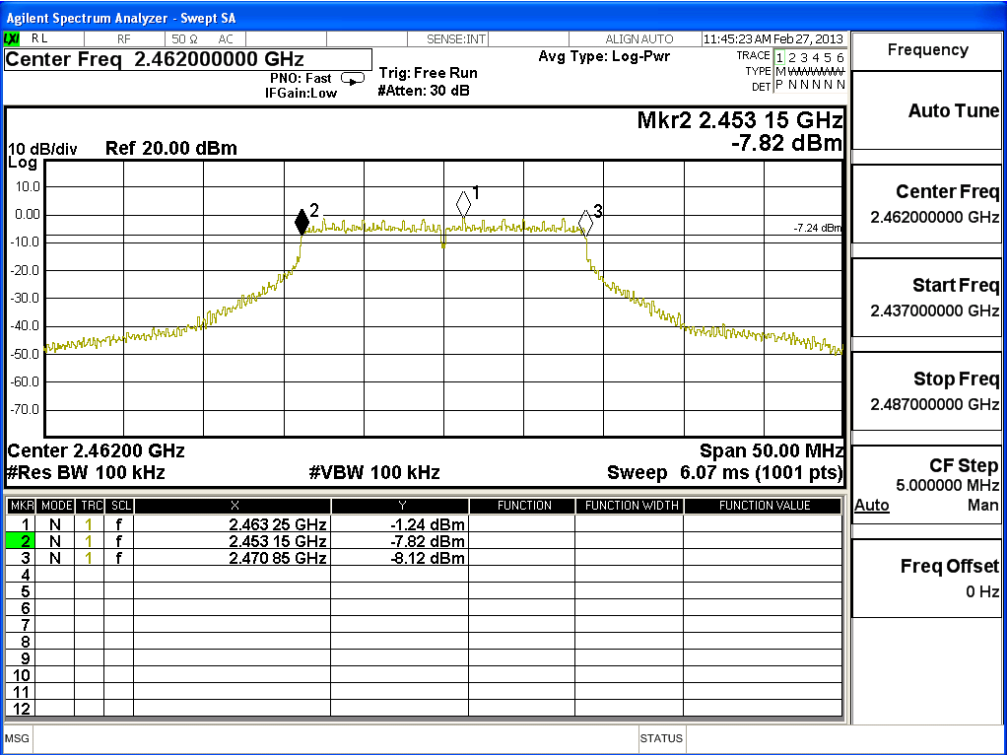


Figure Channel 11: (Chain B)

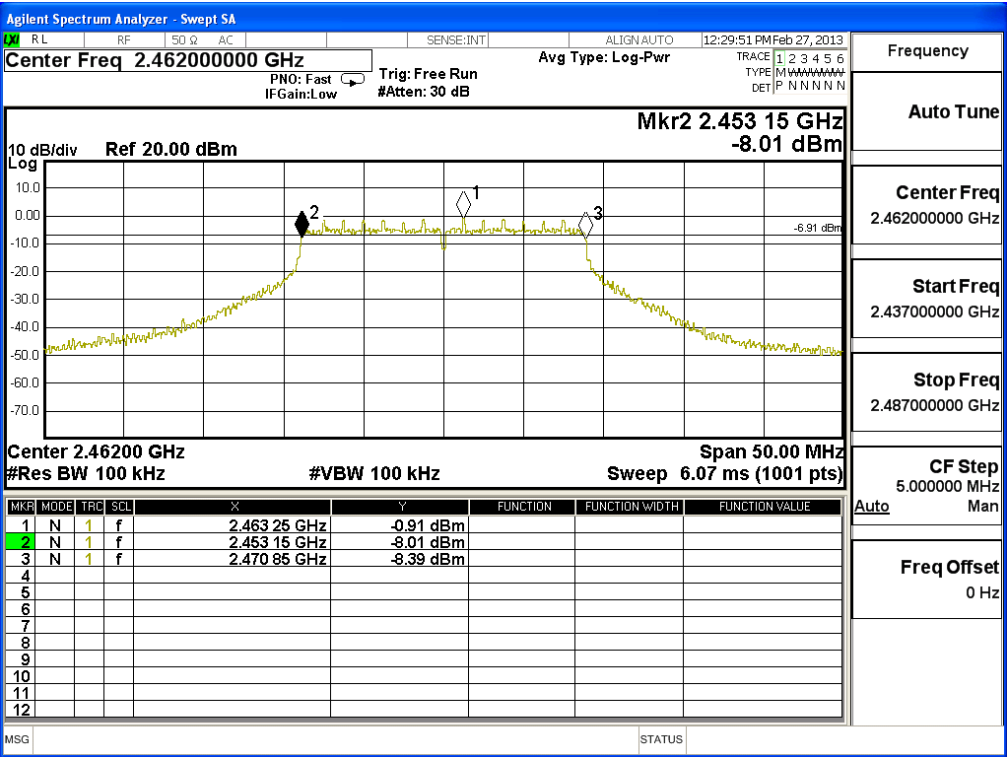
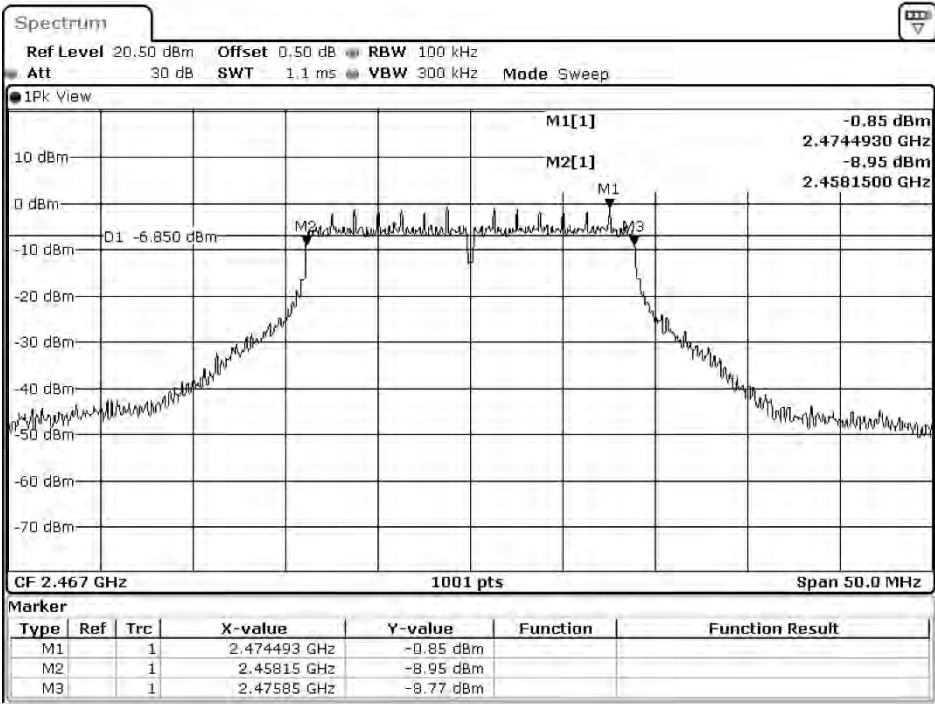
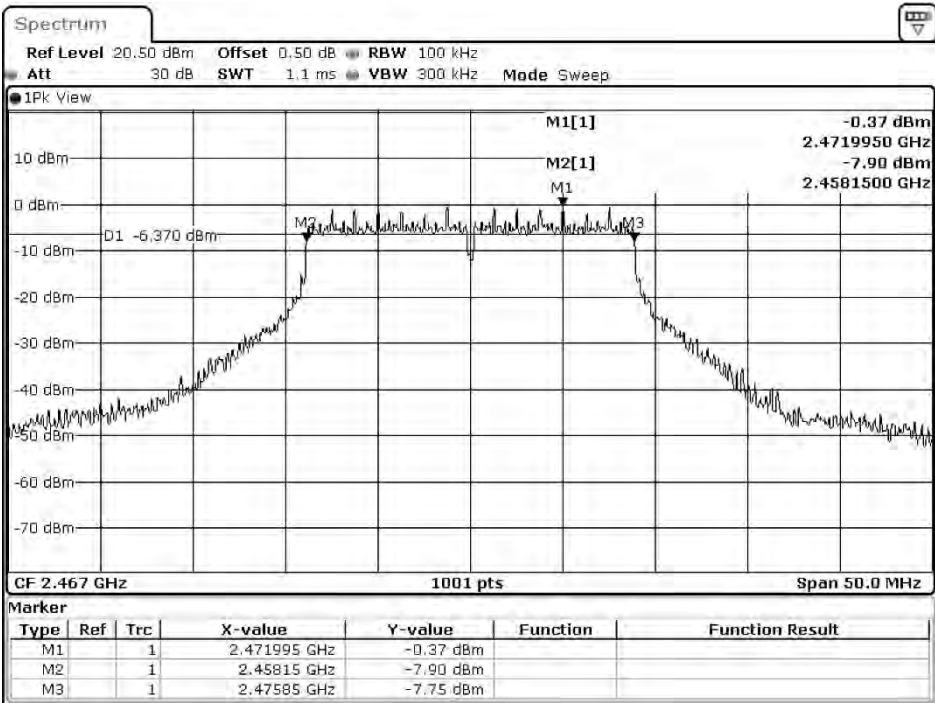


Figure Channel 12: (Chain A)



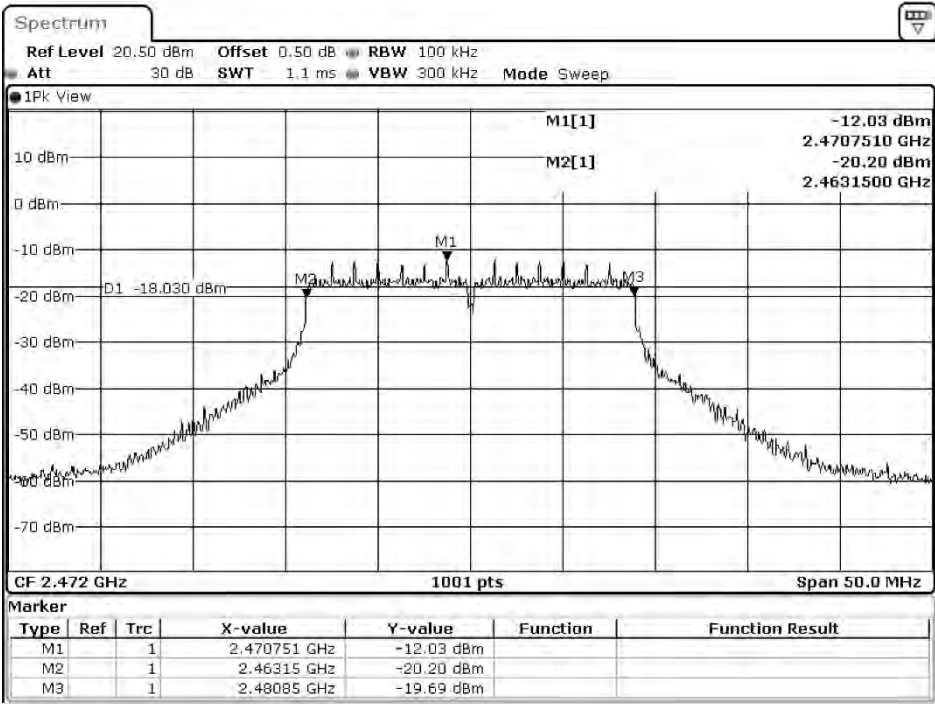
Date: 16 AUG.2021 05:07:02

Figure Channel 12: (Chain B)



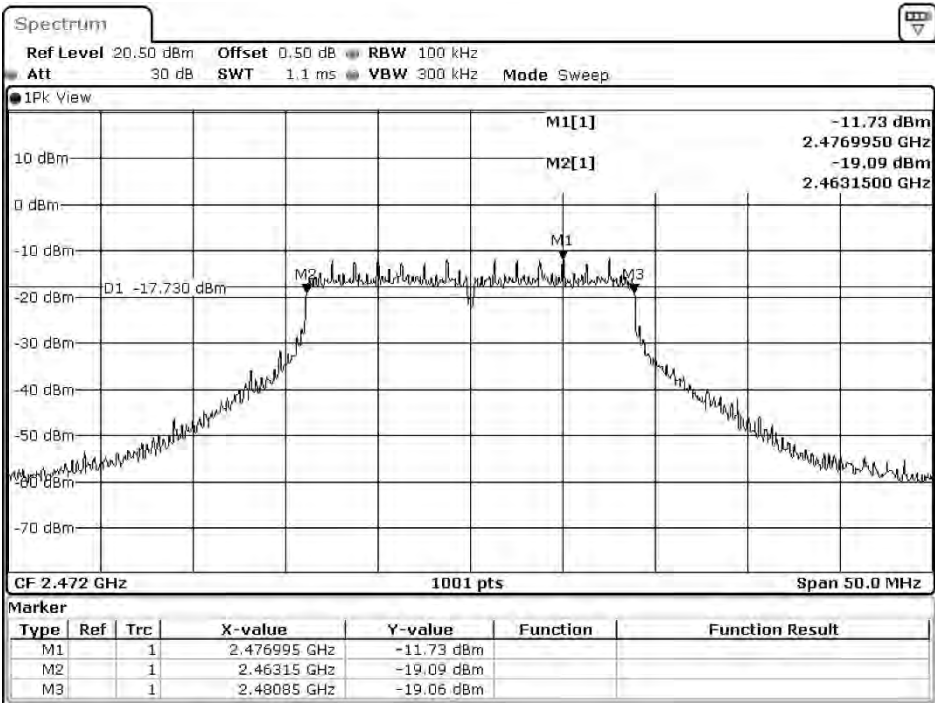
Date: 16 AUG.2021 05:07:58

Figure Channel 13: (Chain A)



Date: 16 AUG.2021 05:17:00

Figure Channel 13: (Chain B)



Date: 16 AUG.2021 05:17:49

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：--

測試日期：102年02月27日

測試項目：佔用頻帶寬度

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

檢測器：峰值

Channel No.	Frequency (MHz)	Chain	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	A	35200	>500	Pass
07	2442	A	35200	>500	Pass
09	2452	A	35200	>500	Pass
10	2457	A	35300	>500	Pass
11	2462	A	35300	>500	Pass
03	2422	B	35200	>500	Pass
07	2442	B	35200	>500	Pass
09	2452	B	35200	>500	Pass
10	2457	B	35300	>500	Pass
11	2462	B	35300	>500	Pass

Figure Channel 03: (Chain A)

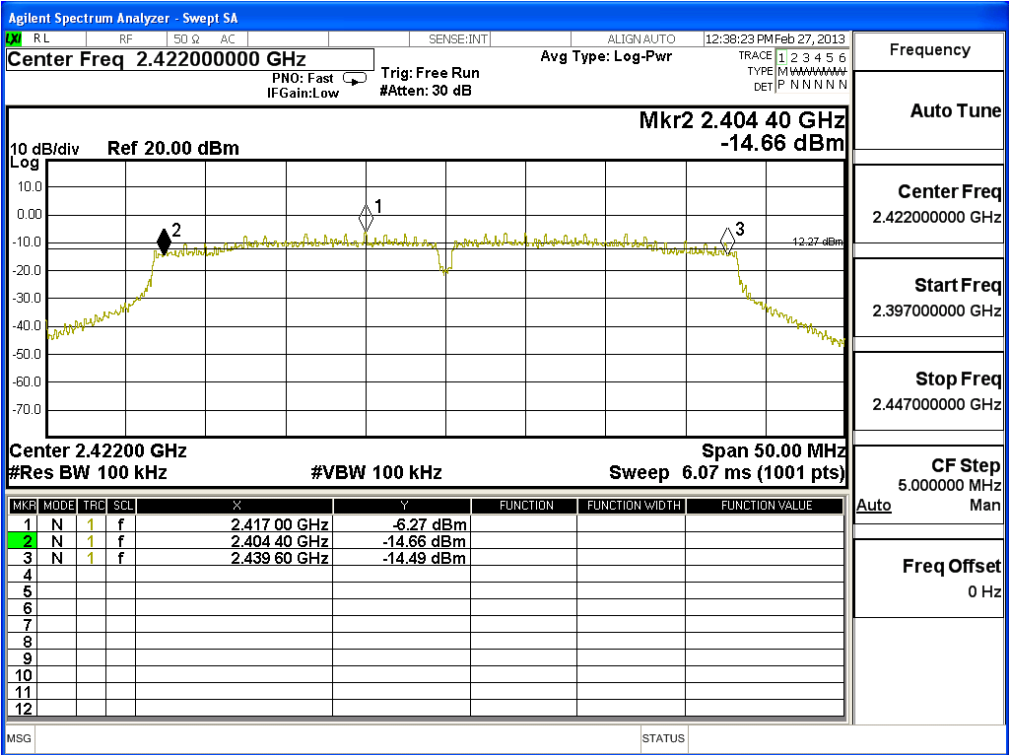


Figure Channel 03: (Chain B)

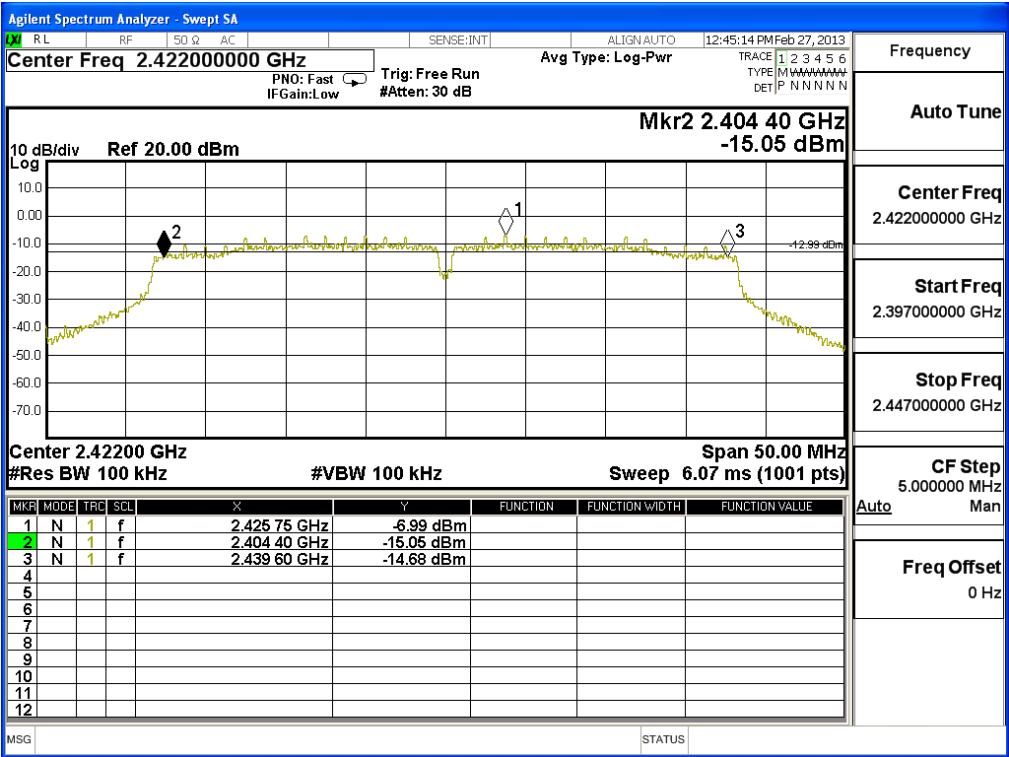


Figure Channel 07: (Chain A)

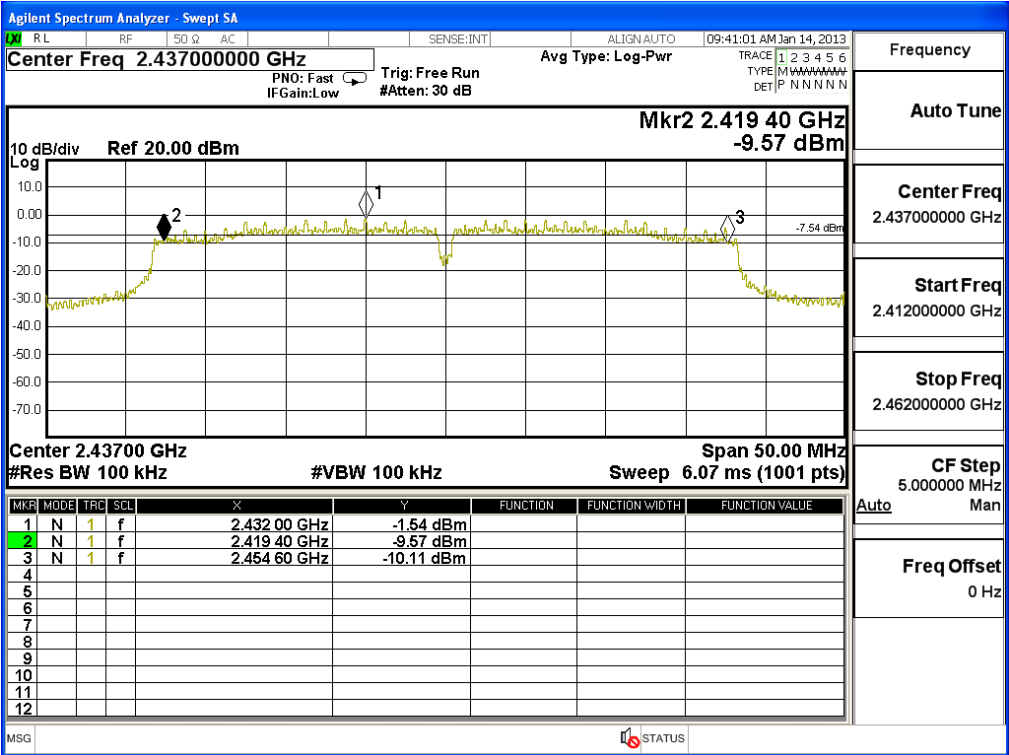


Figure Channel 07: (Chain B)

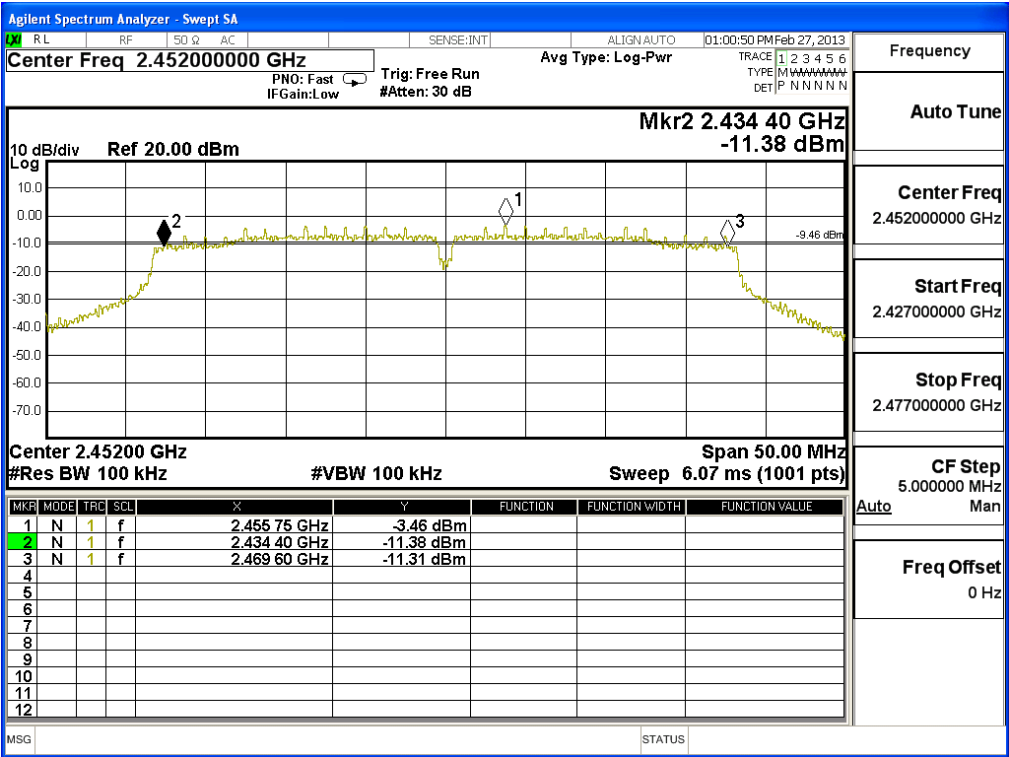


Figure Channel 09: (Chain A)

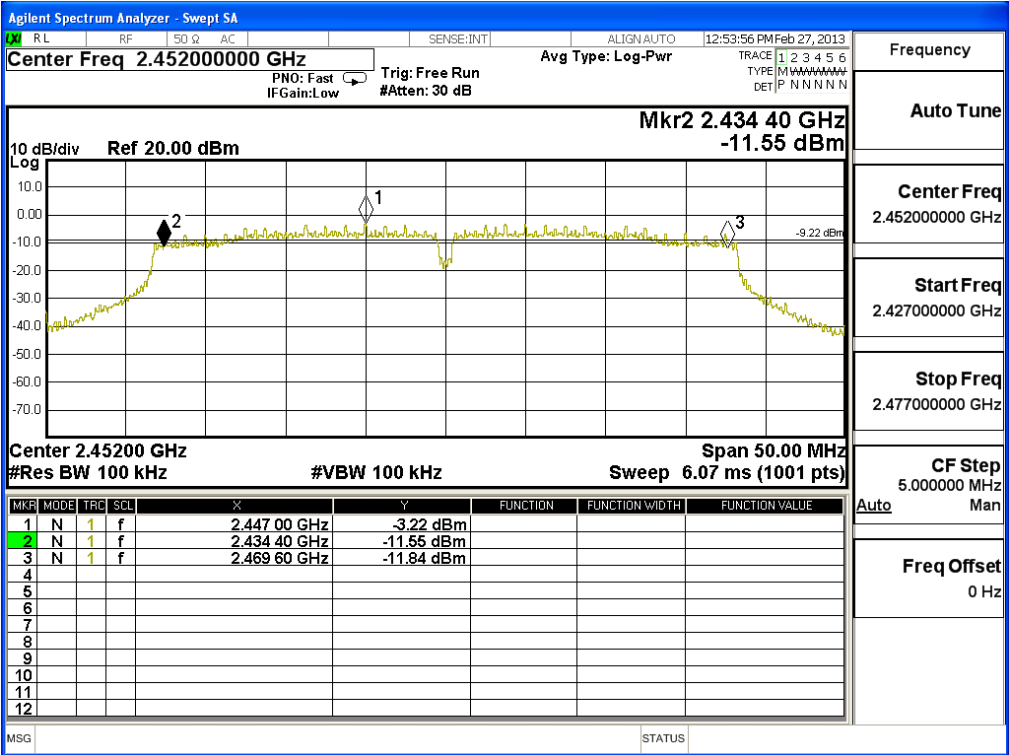


Figure Channel 09: (Chain B)

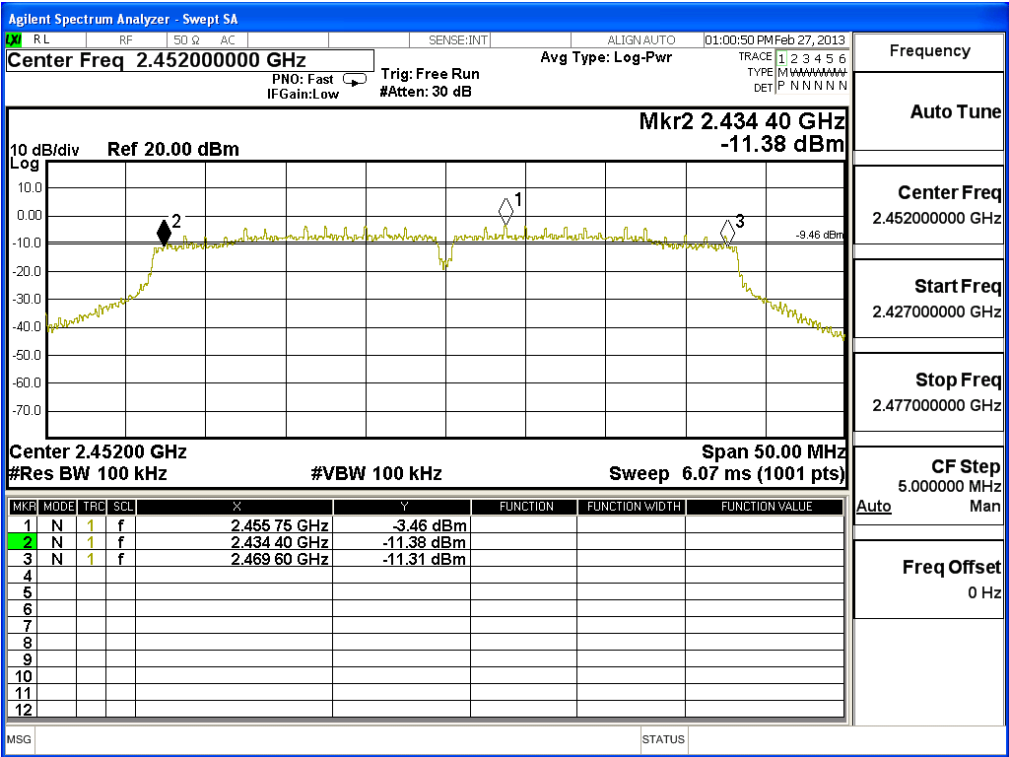
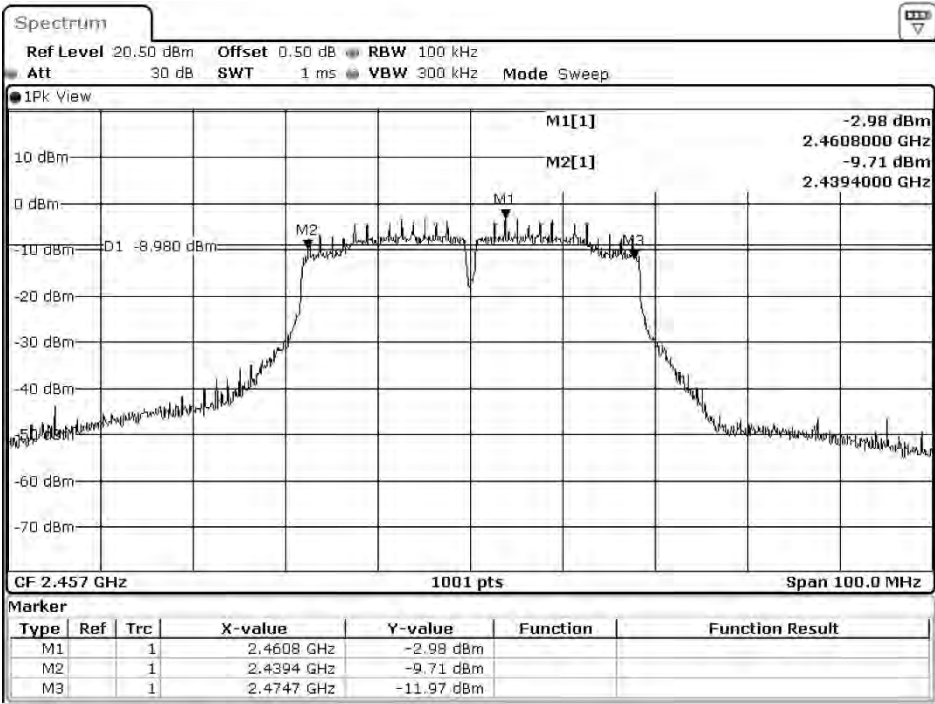
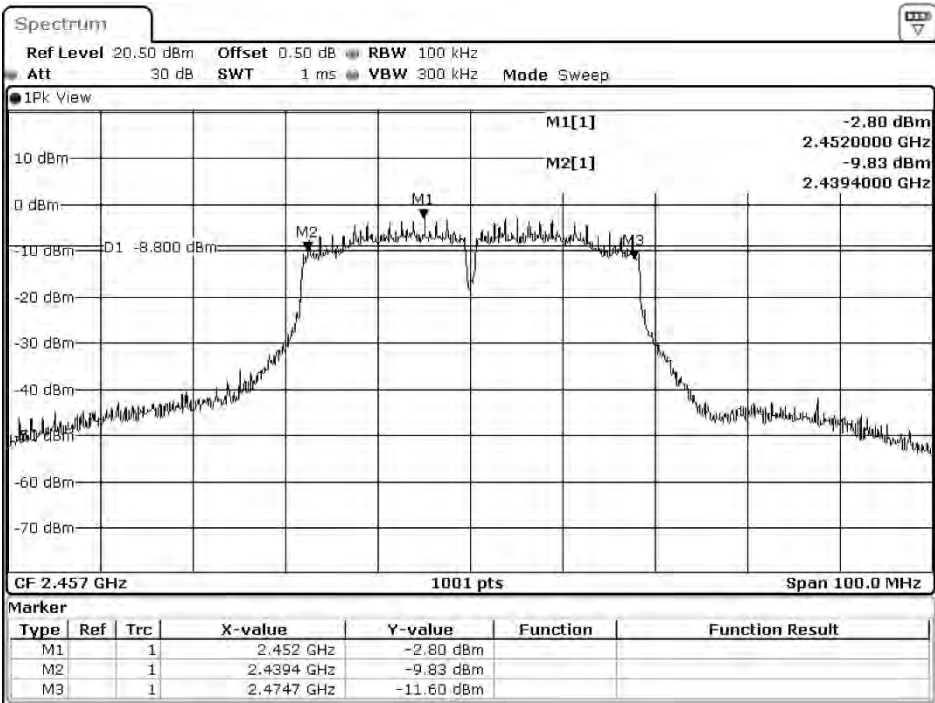


Figure Channel 10: (Chain A)



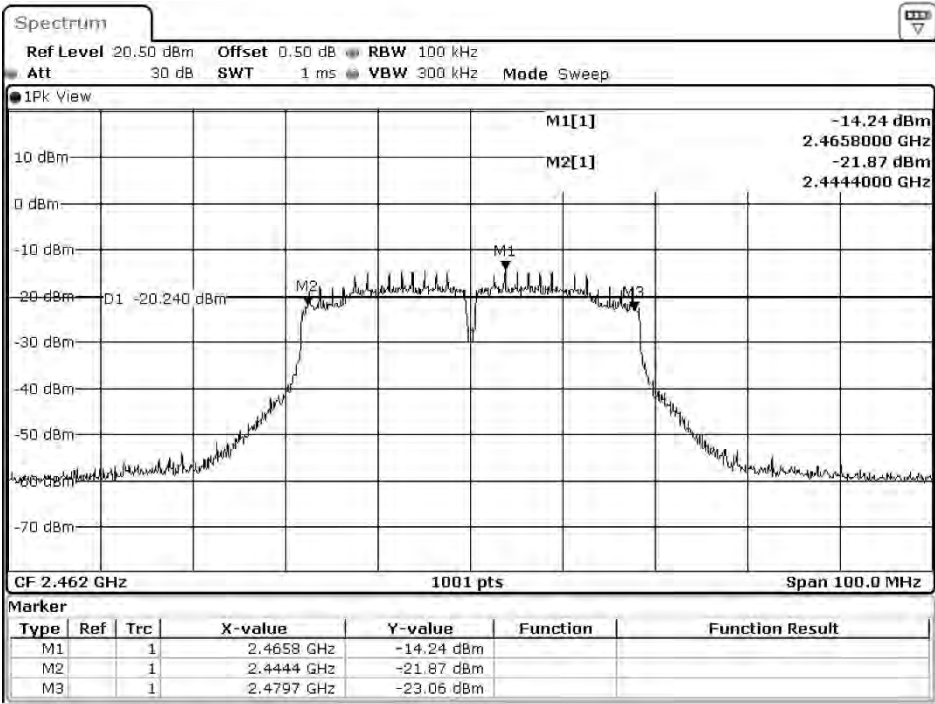
Date: 16 AUG.2021 07:10:01

Figure Channel 10: (Chain B)



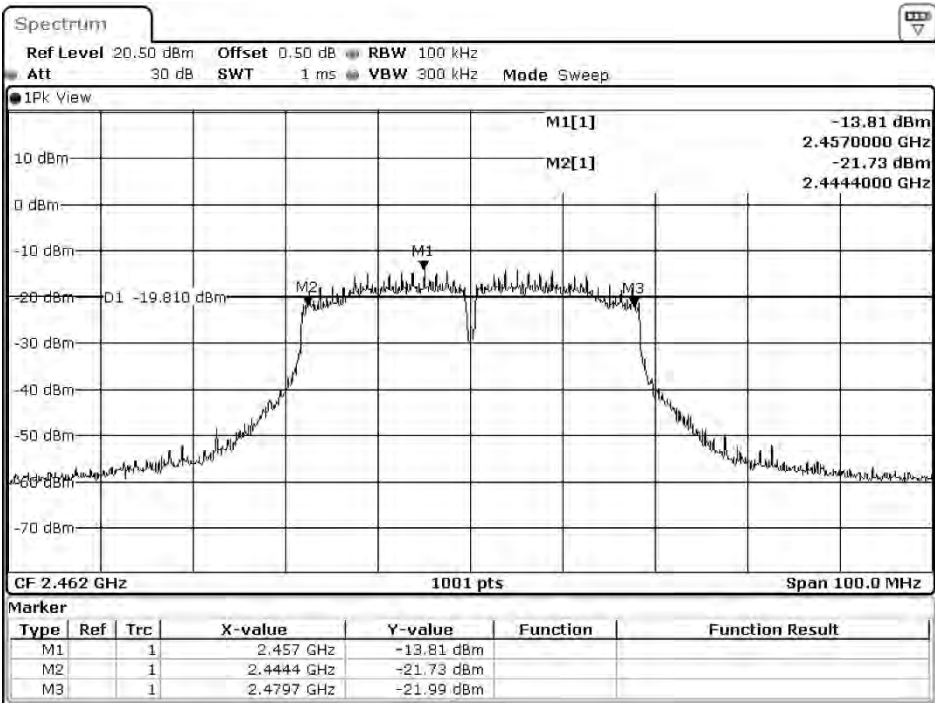
Date: 16 AUG.2021 07:11:20

Figure Channel 11: (Chain A)



Date: 16 AUG.2021 07:21:27

Figure Channel 11: (Chain B)



Date: 16 AUG.2021 07:22:24

佔用頻道寬度測試結果:	PASS
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10. 發射電功率密度

10.1. 適用標準

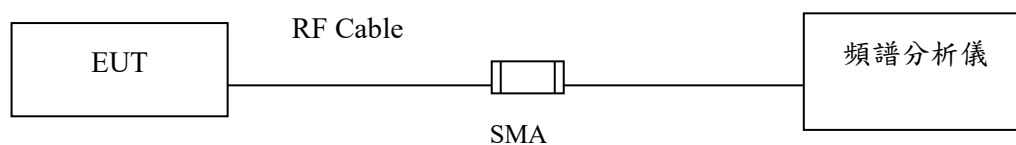
依據國家通訊傳播委員會低功率射頻器材技術規範之第 4.10.1.6 節，在使用頻率範圍之任意 3 千赫(kHz)頻寬內，由發射機傳導至天線之峰值發射電功率密度在任意期間內，皆不得大於 8dBm，且應依 4.10.1.3 之方式降低功率頻譜密度限制值。

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，設定頻譜分析儀之視訊頻寬大於解析度頻寬。

待測物應在正常發射狀態下量測。

10.3. 測試架構圖



10.4. 功率密度量測結果

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：--

測試日期：102 年 01 月 12 日

測試項目：功率密度

測試模式：Mode 1: SISO A: 發射器 802.11b

檢測器：峰值

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.91	≤8	Pass
6	2437	-8.85	≤8	Pass
11	2462	-8.93	≤8	Pass
12	2467	5.46	≤8	Pass
13	2472	3.69	≤8	Pass

Figure Channel 01:

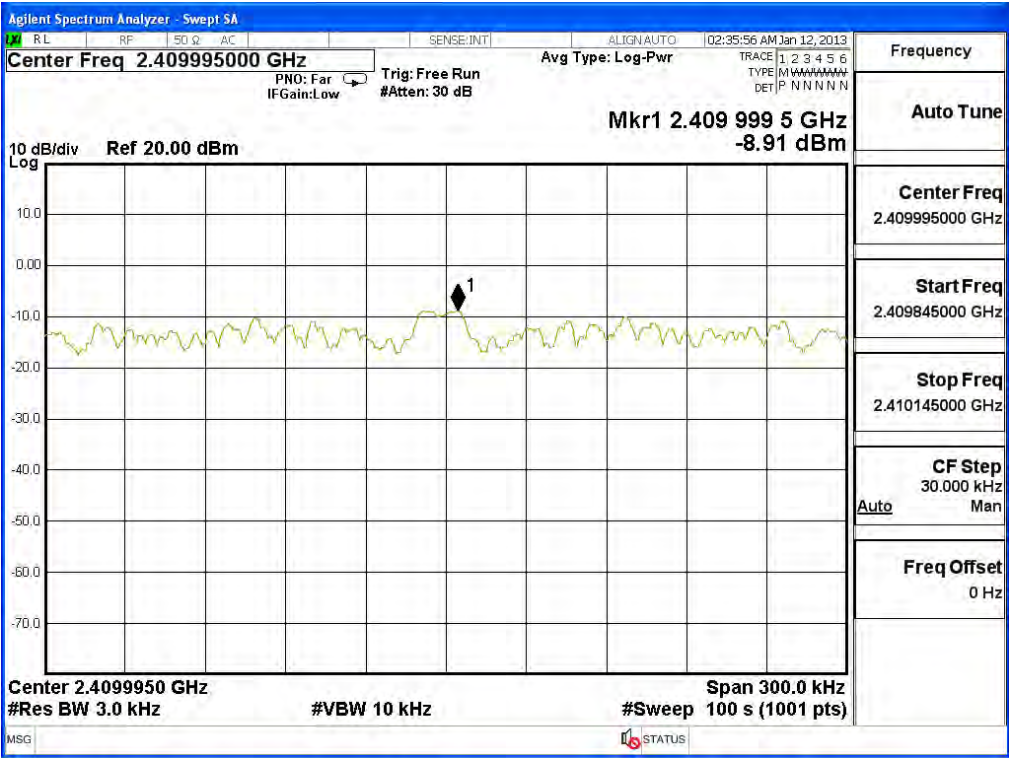


Figure Channel 06:

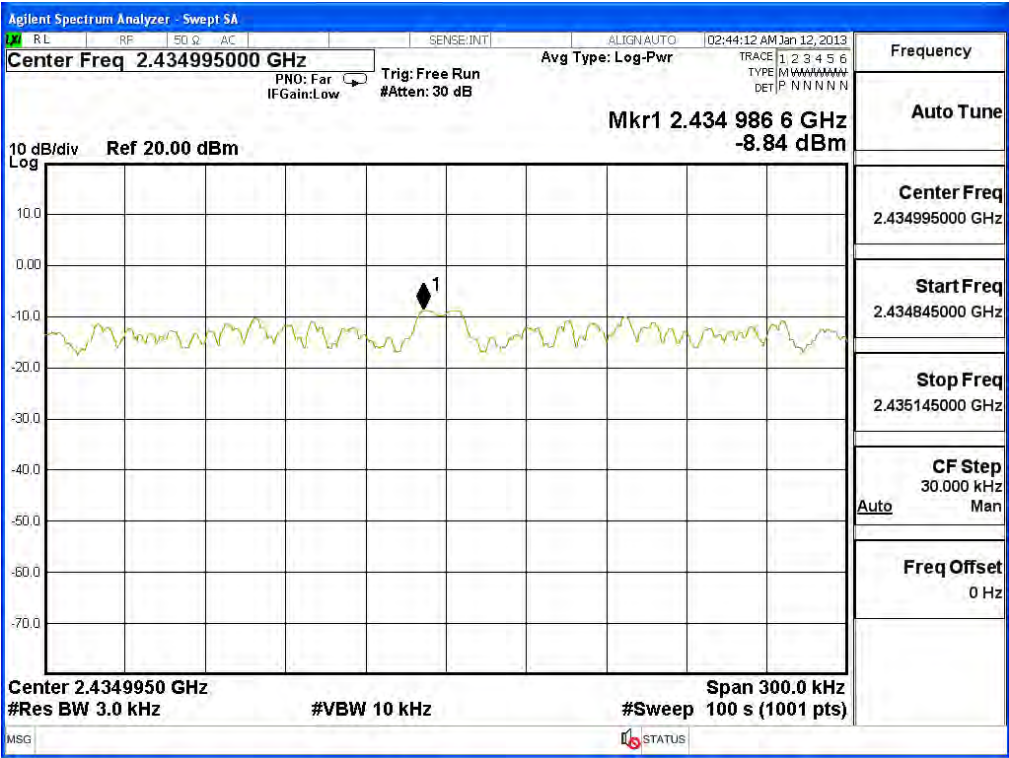


Figure Channel 11:

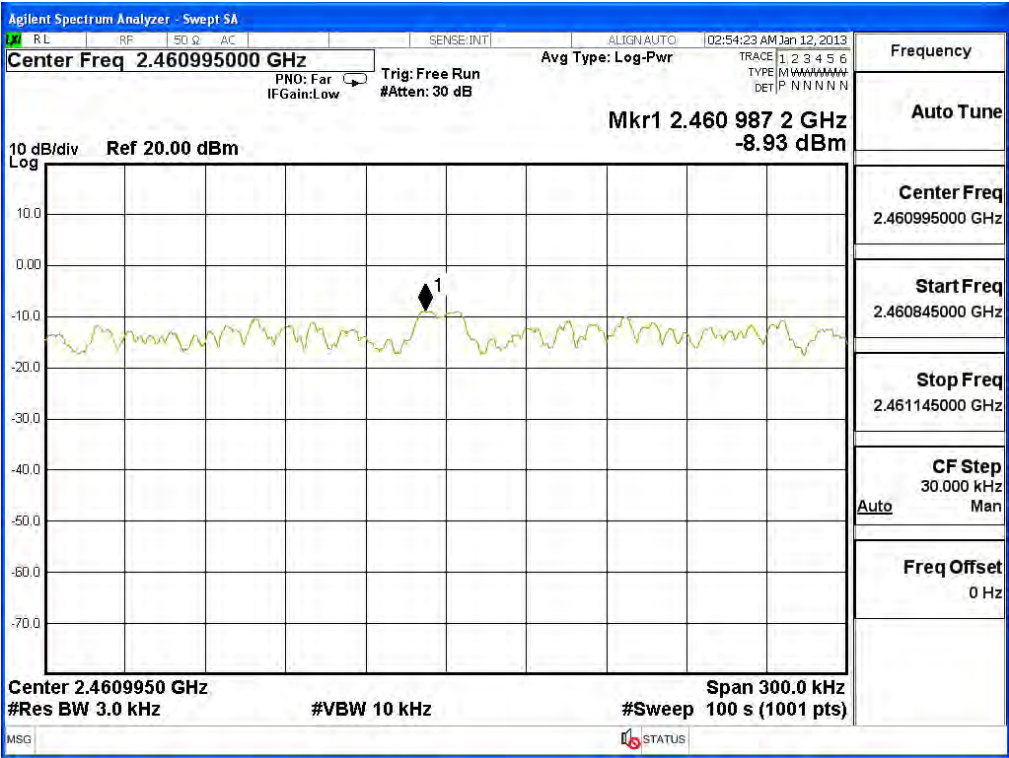


Figure Channel 12:

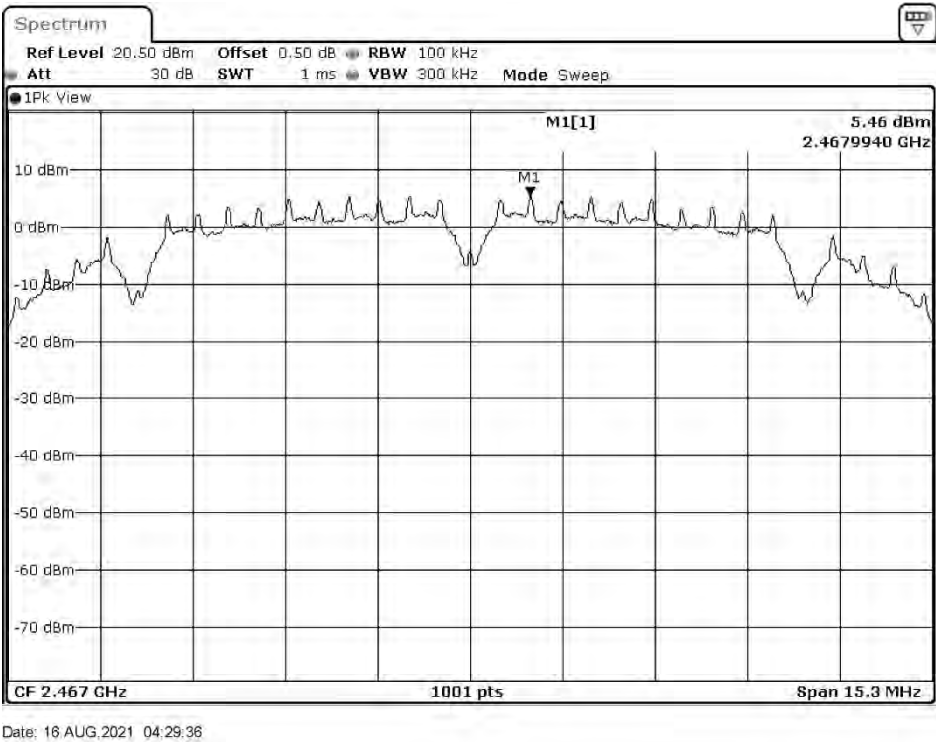
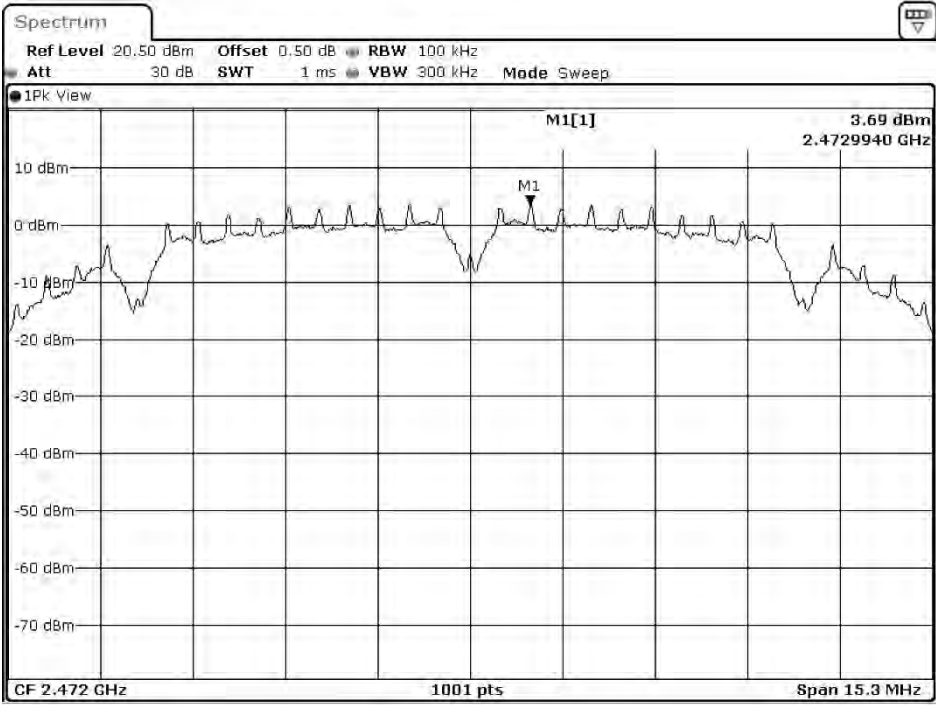


Figure Channel 13:



Date: 16 AUG.2021 04:34:12

待測物名稱：Intel® Dual Band Wireless-AC 7260
待測物型號：7260NGW
測試項目：功率密度
測試頻道：--
測試日期：102 年 01 月 12 日
測試模式：Mode 2: SISO A: 發射器 802.11g
檢測器：峰值

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-12.41	≤ 8	Pass
6	2437	-9.27	≤ 8	Pass
11	2462	-11.19	≤ 8	Pass
12	2467	1.33	≤ 8	Pass
13	2472	-9.82	≤ 8	Pass

Figure Channel 01:

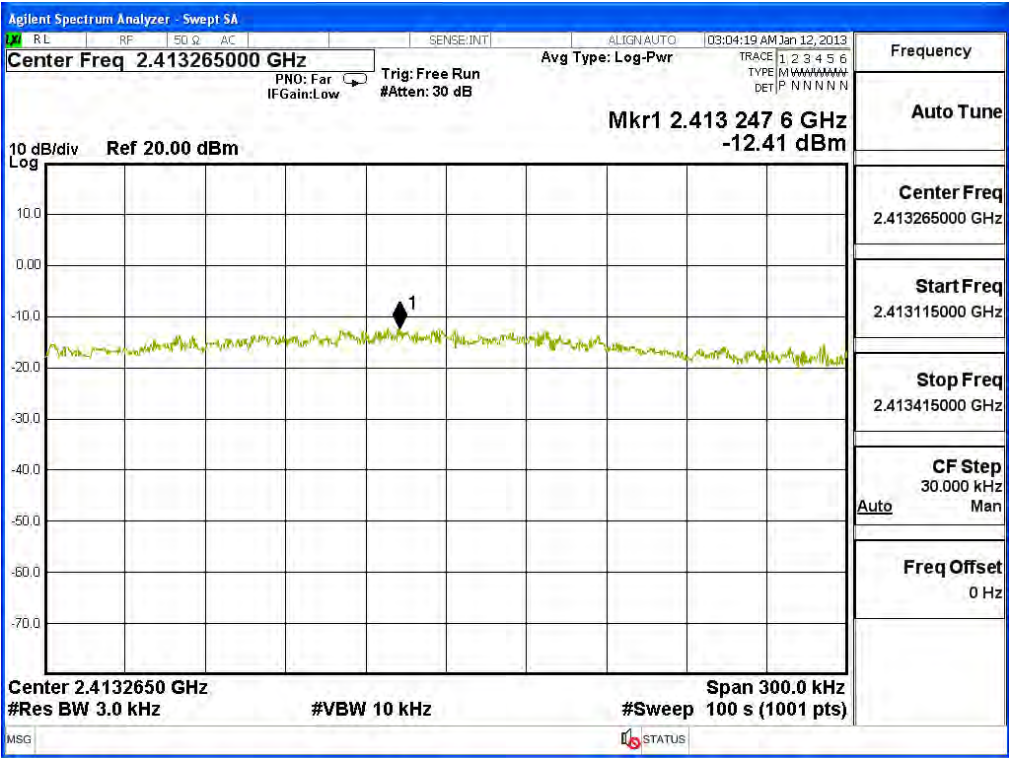


Figure Channel 06:

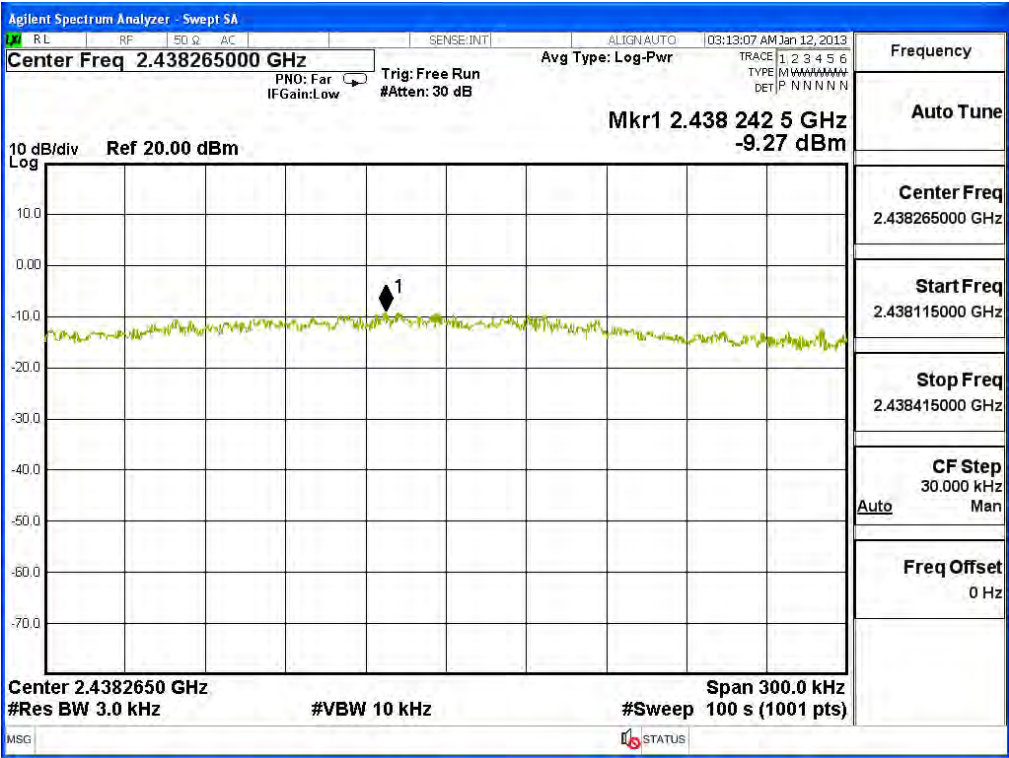


Figure Channel 11:

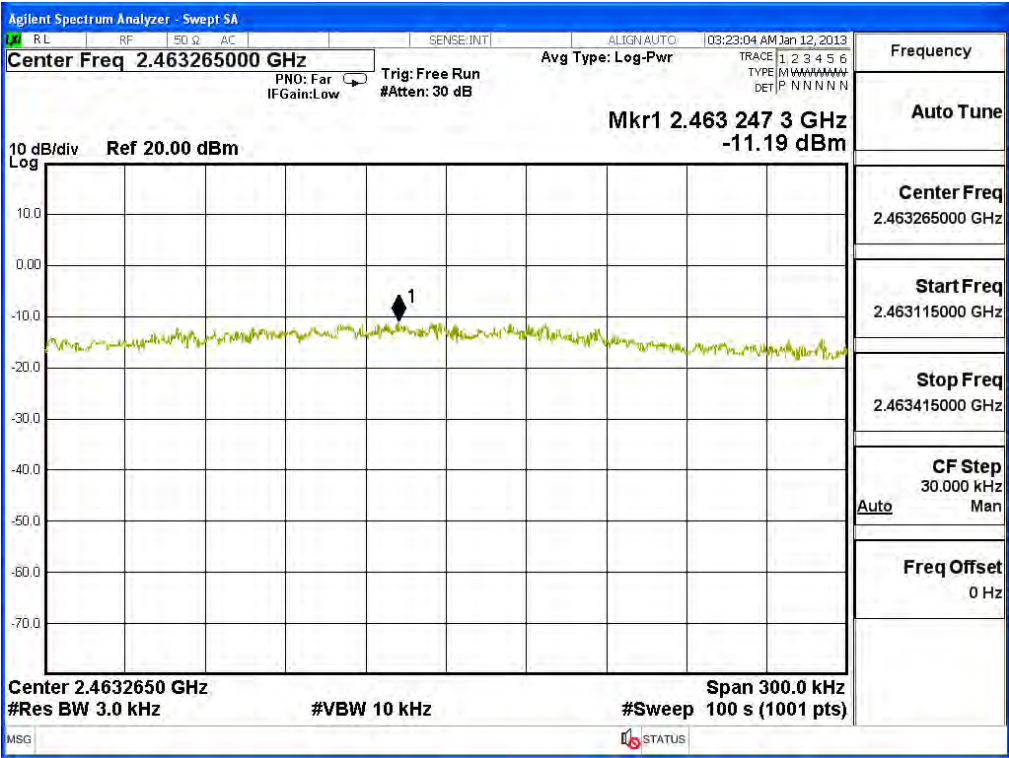
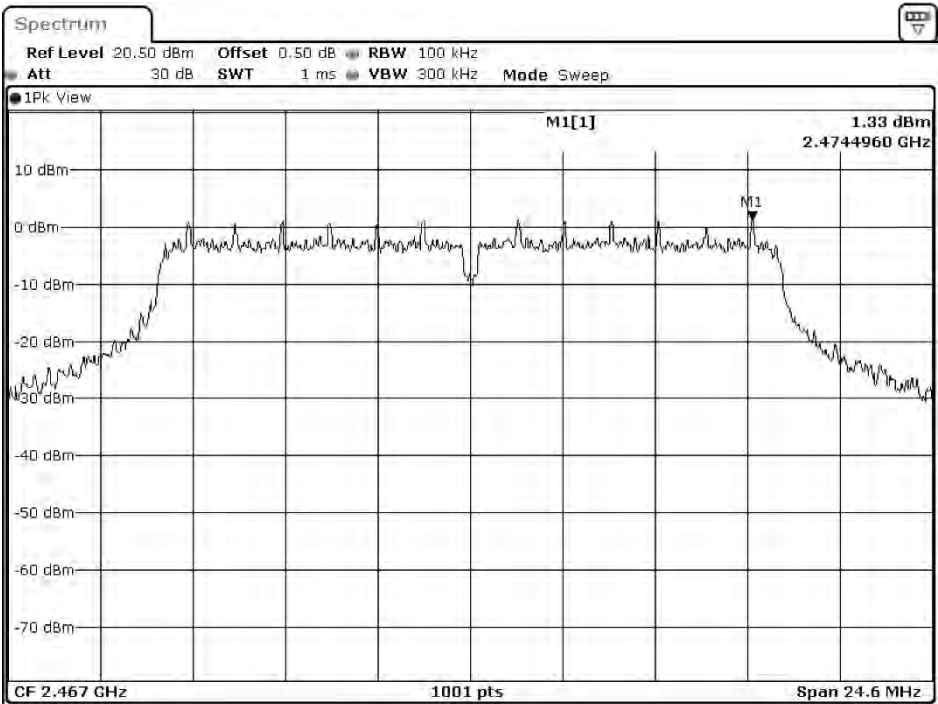
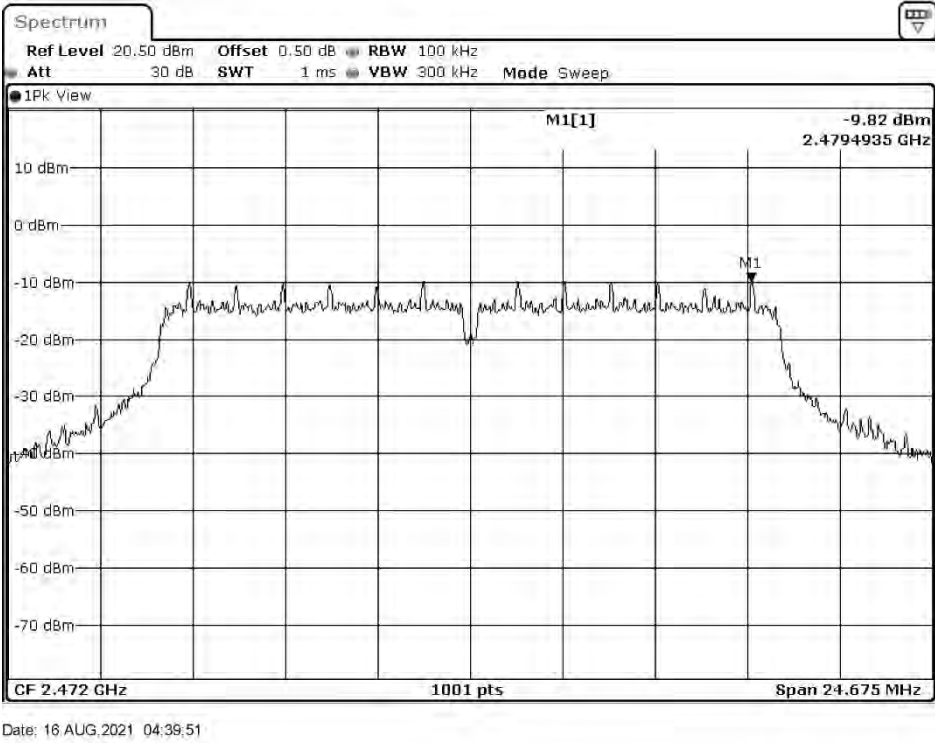


Figure Channel 12:



Date: 16 AUG, 2021 04:37:05

Figure Channel 13:



待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試項目：功率密度

測試頻道：--

測試模式：Mode 9: MIMO: 發射器 802.11n (20MHz)

測試日期：102 年 02 月 27 日

檢測器：峰值

Channel No.	Frequency (MHz)	Chain	PPSD (dBm)	10*log(2) (dB)	Total PSD (dBm)	Limit (dBm)	Result
01	2412	A	-14.450	3.010	-11.440	≤ 8	Pass
		B	-15.780	3.010	-12.770	≤ 8	Pass
07	2442	A	-11.220	3.010	-8.210	≤ 8	Pass
		B	-12.420	3.010	-9.410	≤ 8	Pass
11	2462	A	-14.630	3.010	-11.620	≤ 8	Pass
		B	-15.010	3.010	-12.000	≤ 8	Pass
12	2467	A	-0.900	3.010	2.110	≤ 8	Pass
		B	-0.410	3.010	2.600	≤ 8	Pass
13	2472	A	-12.030	3.010	-9.020	≤ 8	Pass
		B	-11.760	3.010	-8.750	≤ 8	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)

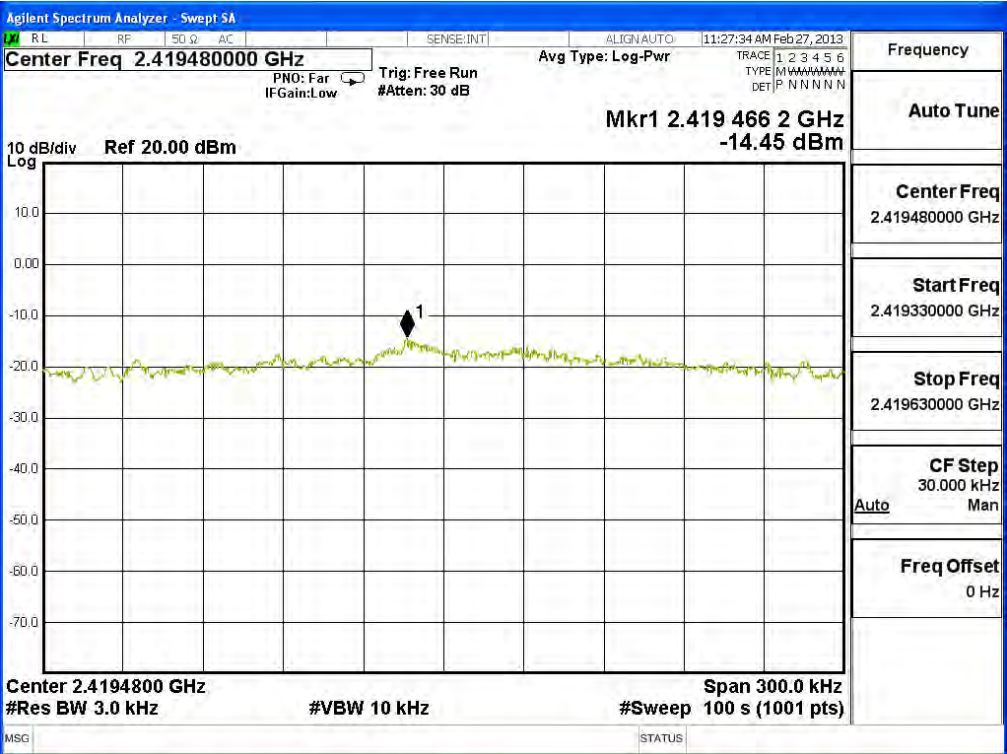


Figure Channel 01: (Chain B)

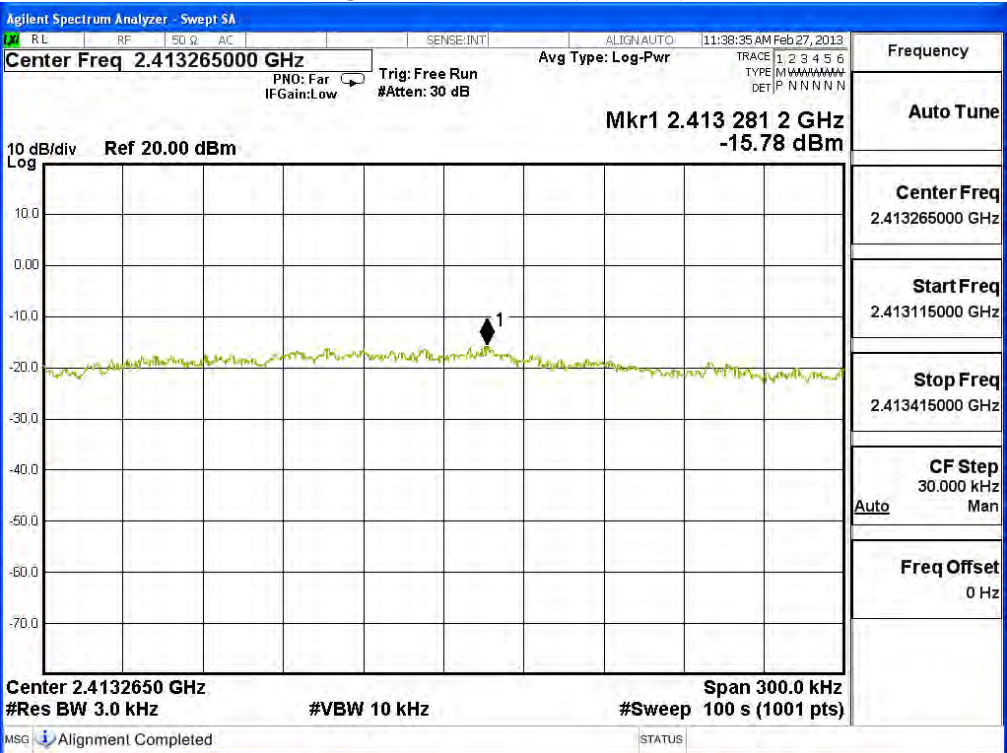


Figure Channel 07: (Chain A)

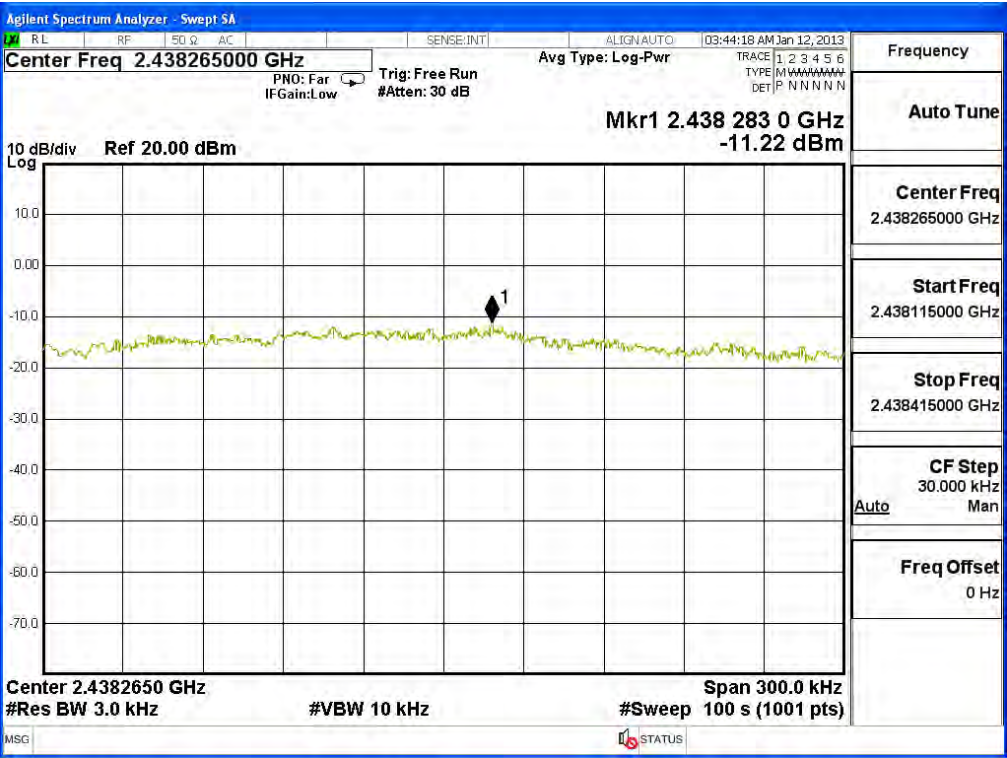


Figure Channel 07: (Chain B)

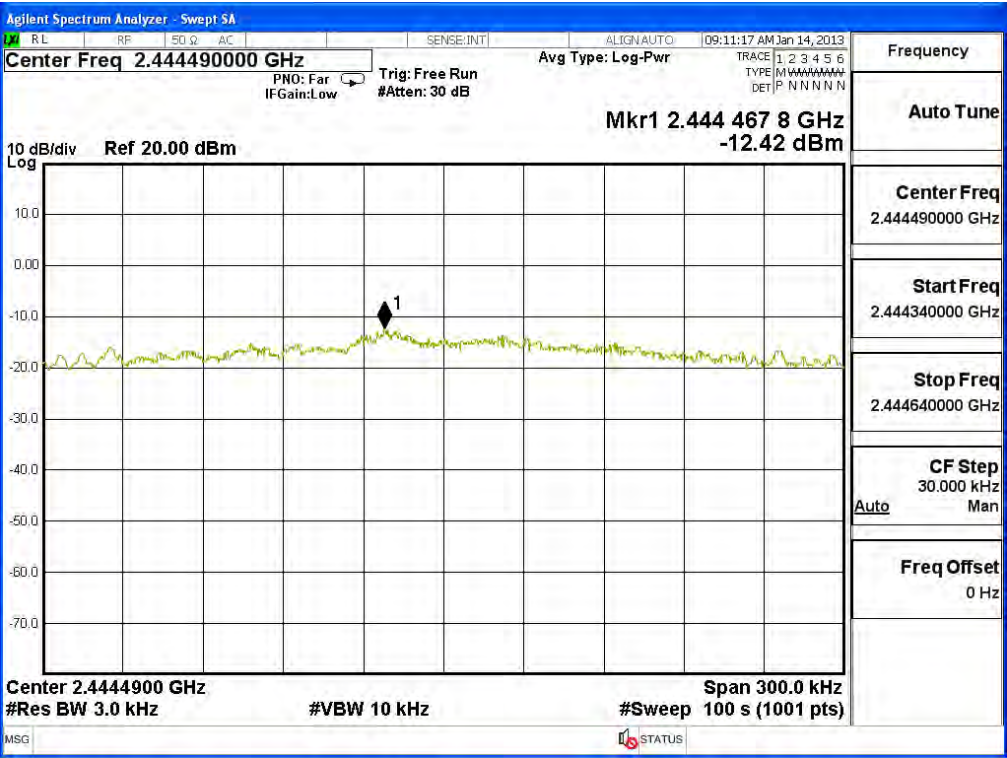


Figure Channel 11: (Chain A)

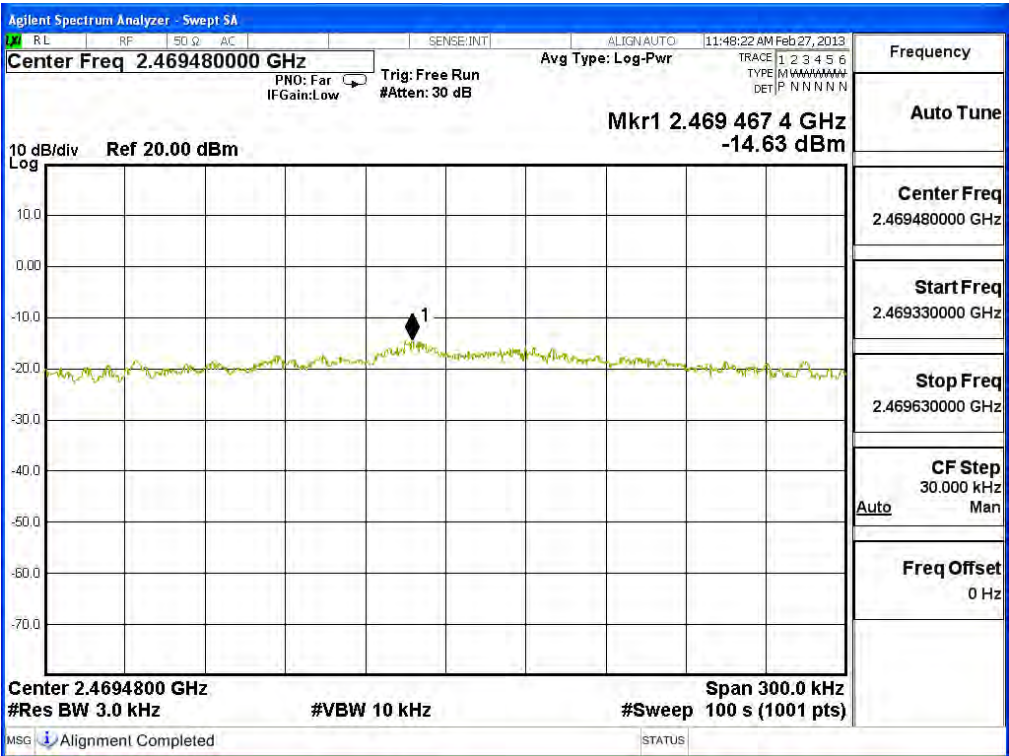


Figure Channel 11: (Chain B)

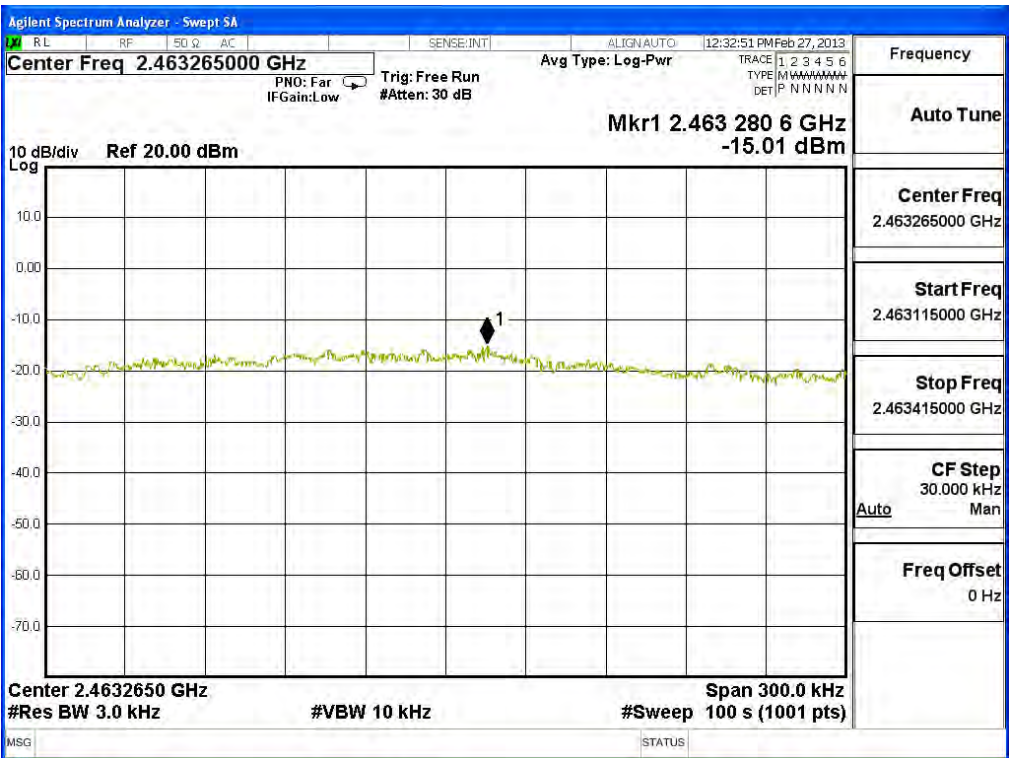
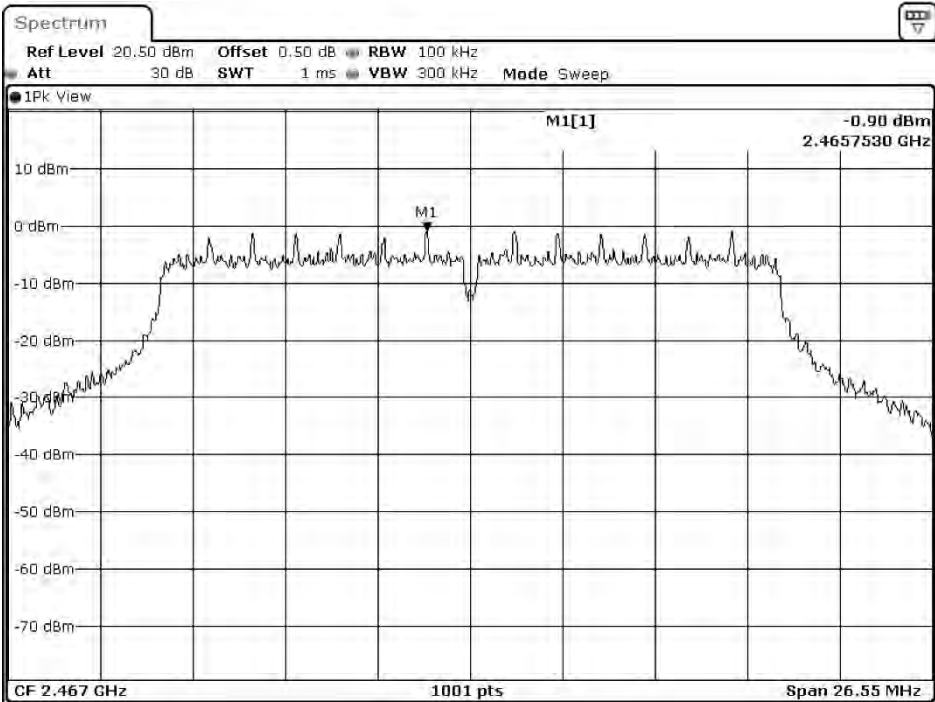
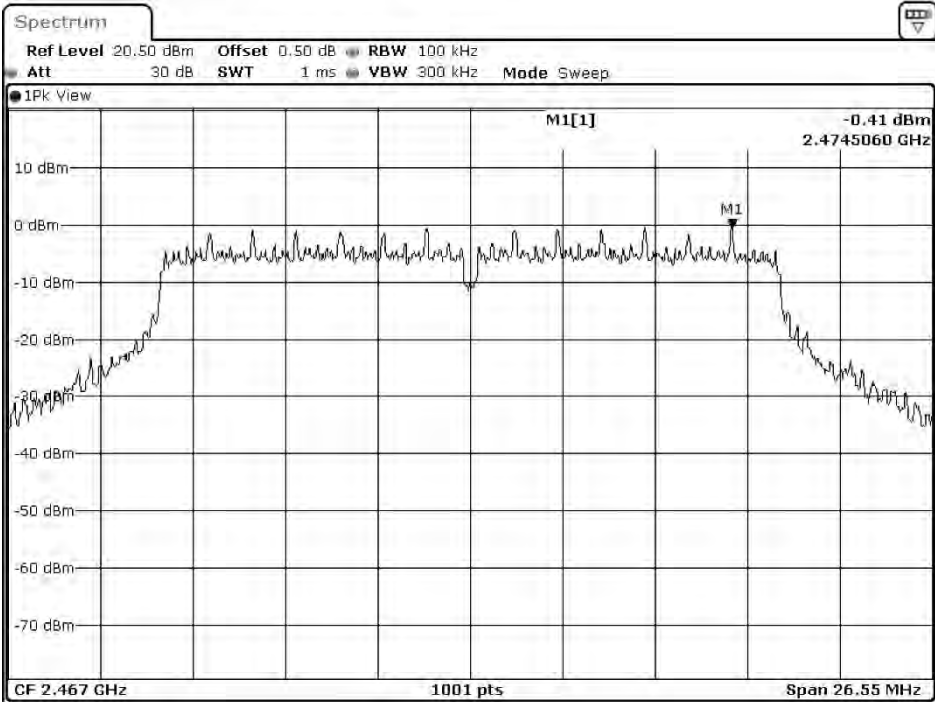


Figure Channel 12: (Chain A)



Date: 16 AUG.2021 05:08:43

Figure Channel 12: (Chain B)



Date: 16 AUG.2021 05:09:32

Figure Channel 13: (Chain A)

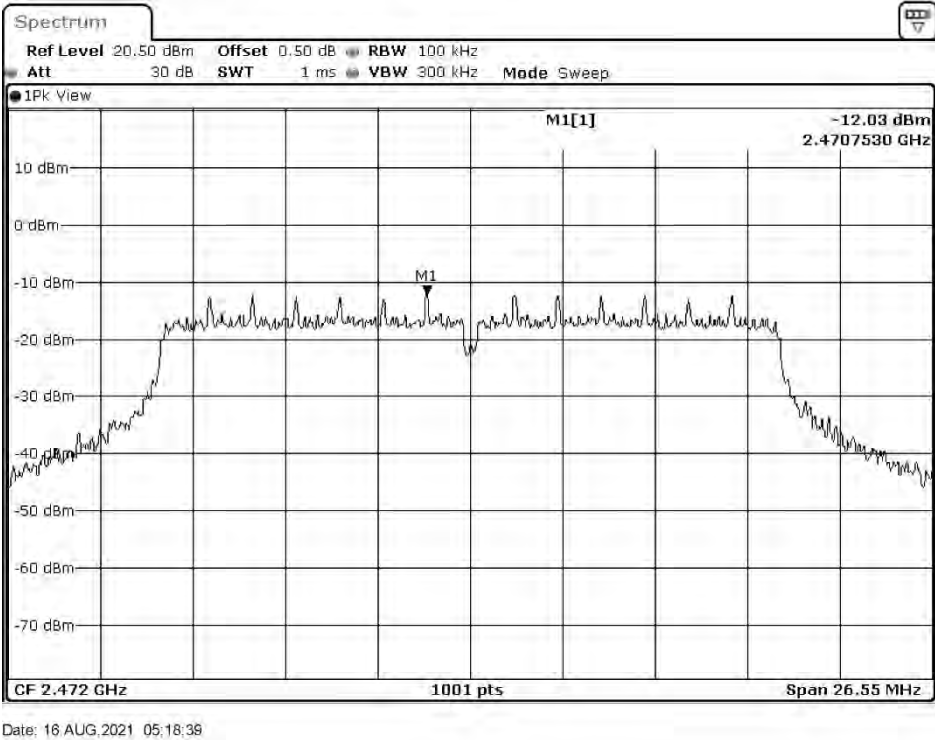
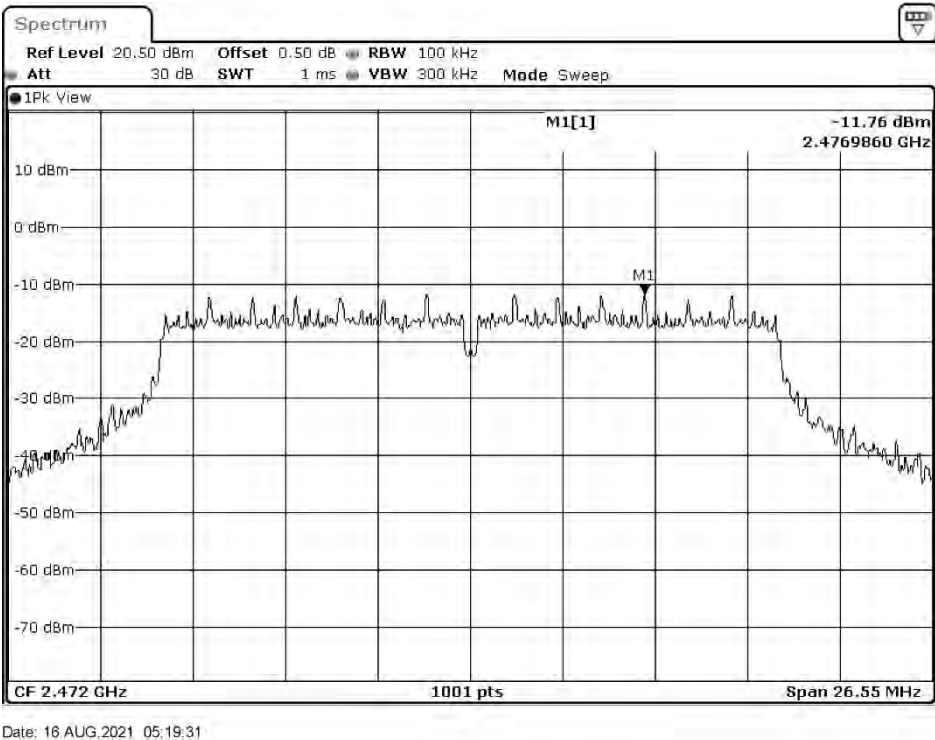


Figure Channel 13: (Chain B)



待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試項目：功率密度

測試頻道：--

測試模式：Mode 10: MIMO: 發射器 802.11n (40MHz)

測試日期：110 年 08 月 13 日

檢測器：峰值

Channel No.	Frequency (MHz)	Chain	PPSD (dBm)	10*log(2) (dB)	Total PSD (dBm)	Limit (dBm)	Result
03	2422	A	-19.560	3.010	-16.550	≤ 8	Pass
		B	-20.470	3.010	-17.460	≤ 8	Pass
07	2442	A	-11.220	3.010	-8.210	≤ 8	Pass
		B	-14.870	3.010	-11.860	≤ 8	Pass
09	2452	A	-16.340	3.010	-13.330	≤ 8	Pass
		B	-16.900	3.010	-13.890	≤ 8	Pass
10	2457	A	-3.330	3.010	-0.320	≤ 8	Pass
		B	-3.050	3.010	-0.040	≤ 8	Pass
11	2462	A	-14.480	3.010	-11.470	≤ 8	Pass
		B	-14.030	3.010	-11.020	≤ 8	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)

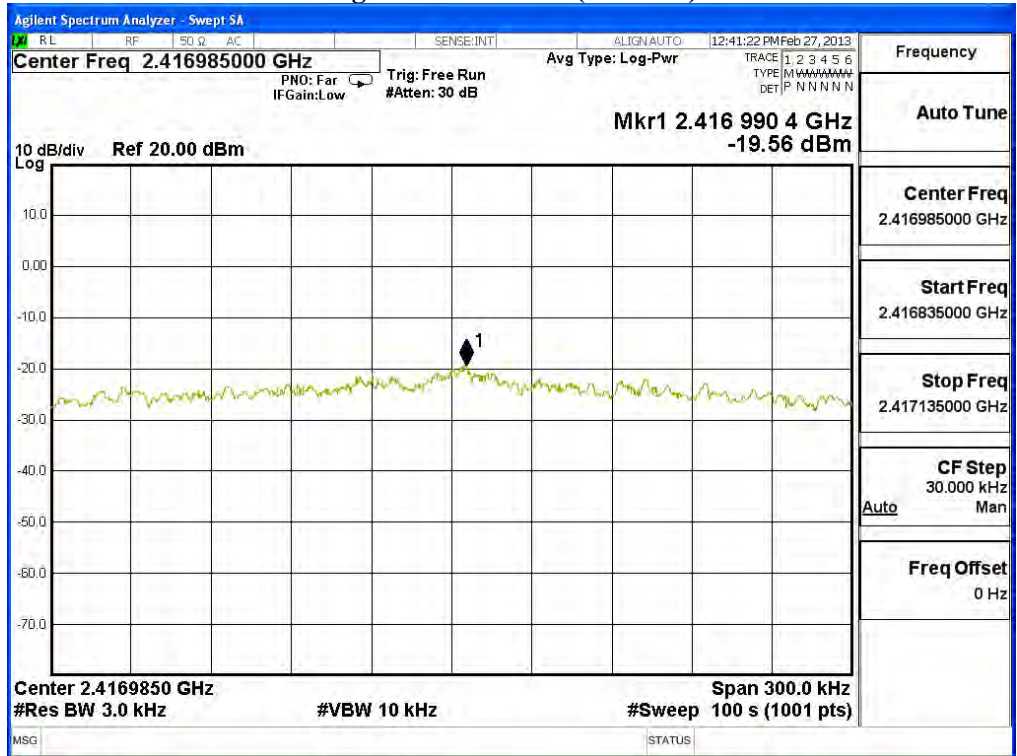


Figure Channel 03: (Chain B)

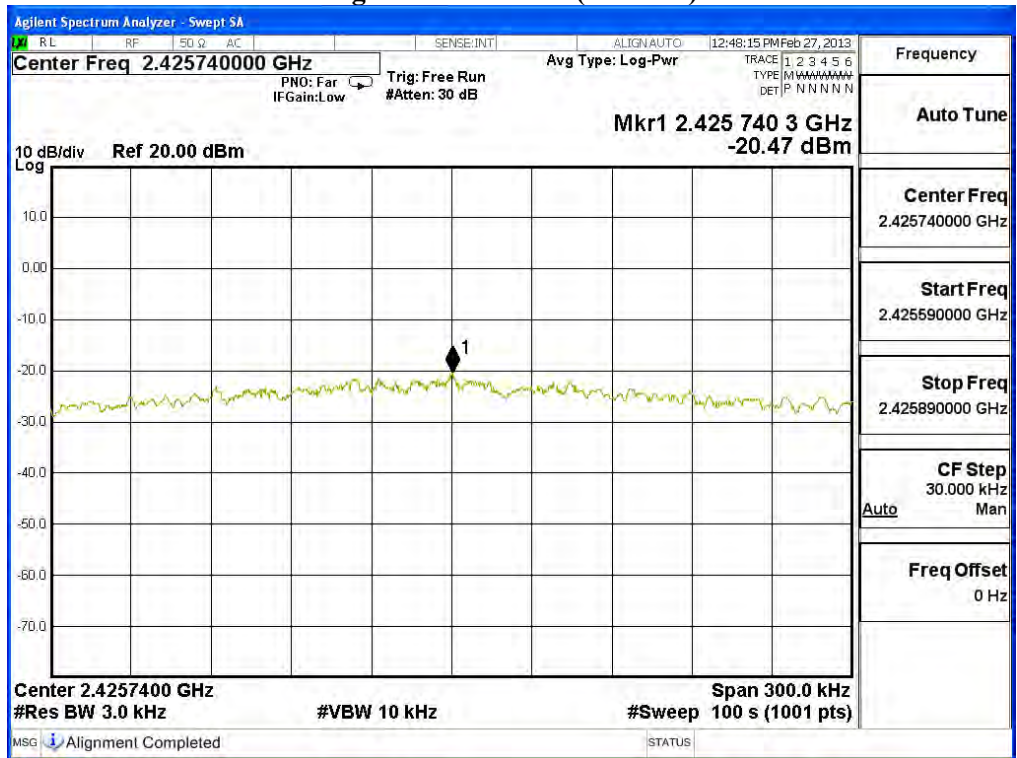


Figure Channel 07: (Chain A)

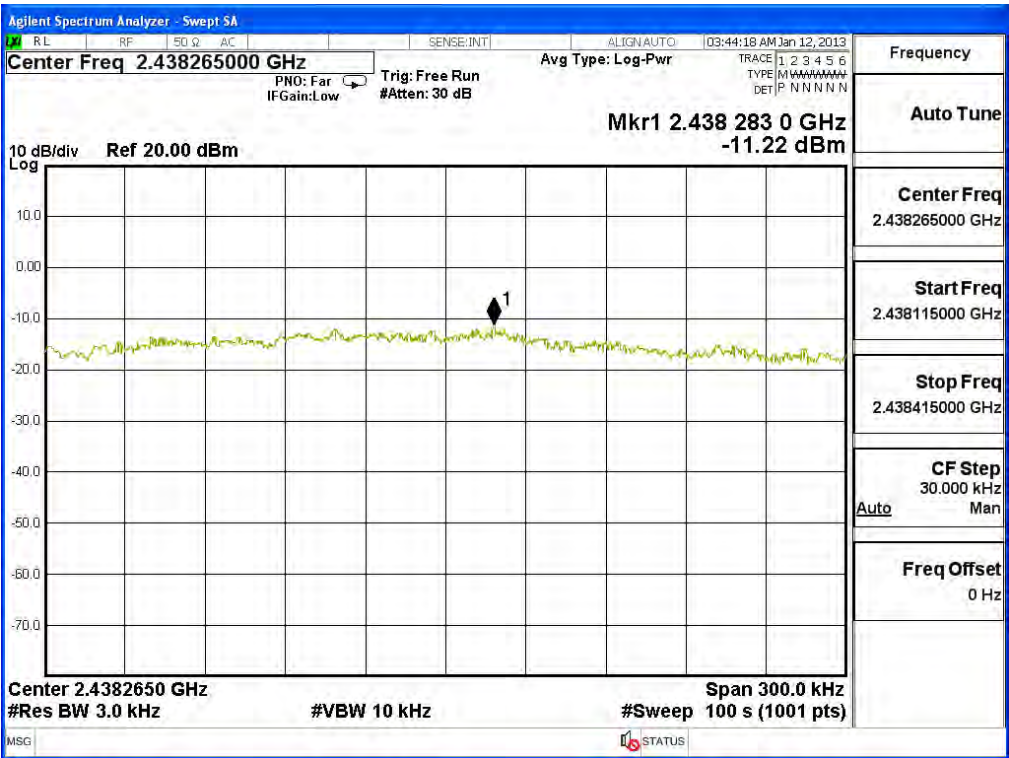


Figure Channel 07: (Chain B)

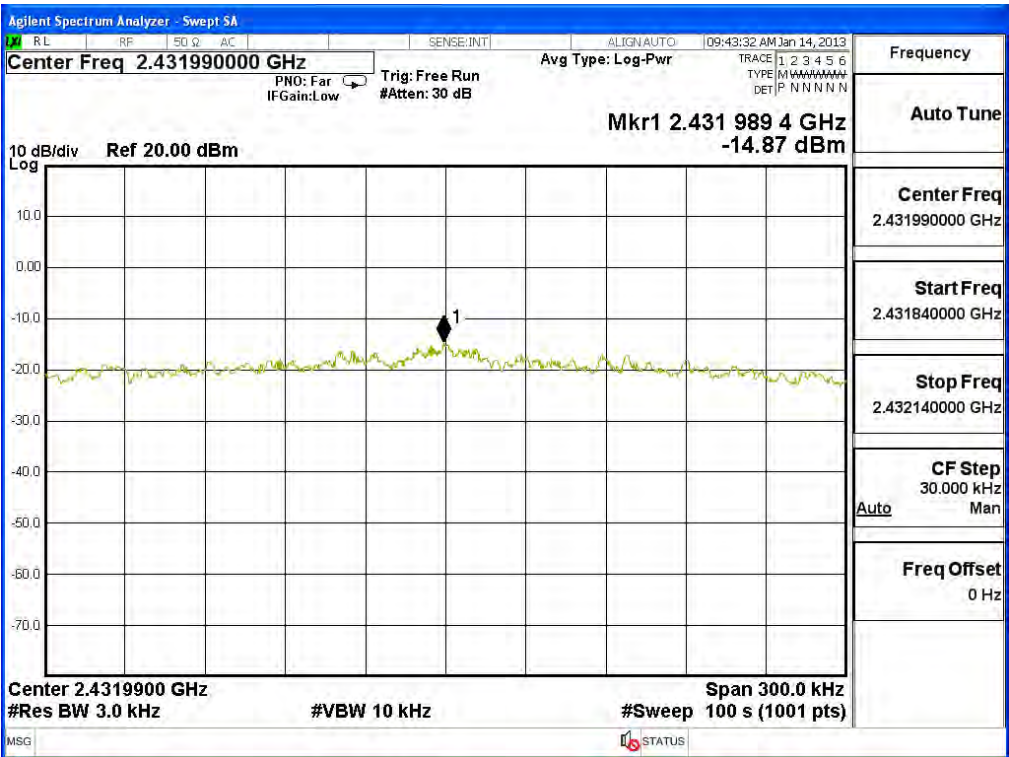


Figure Channel 09: (Chain A)

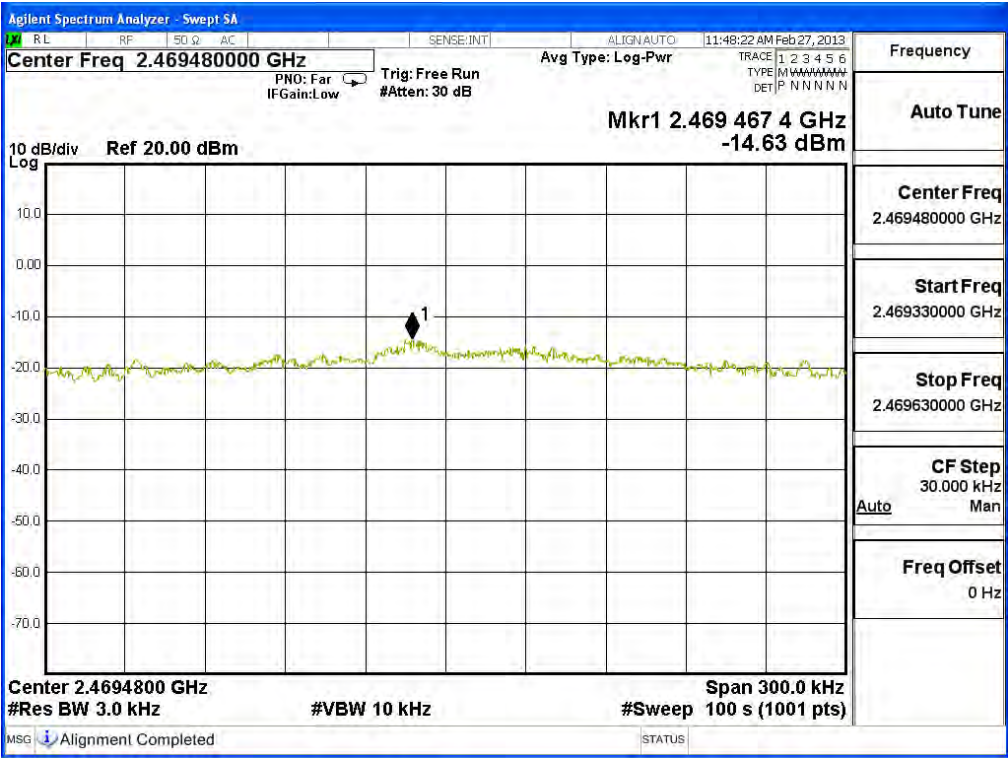


Figure Channel 09: (Chain B)

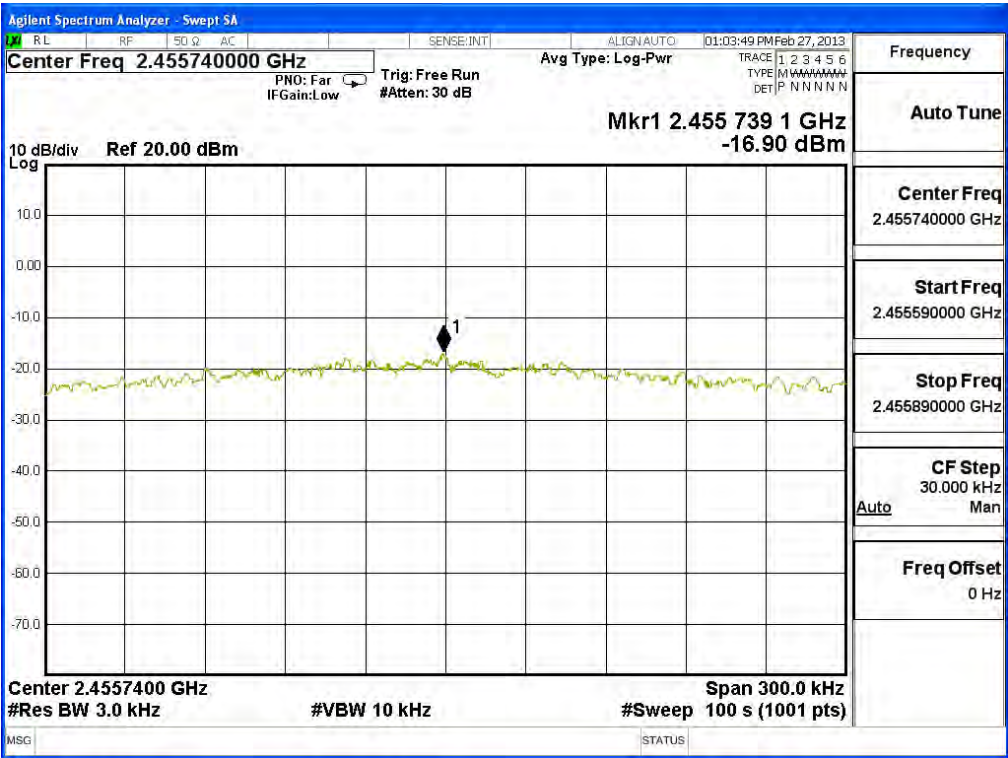
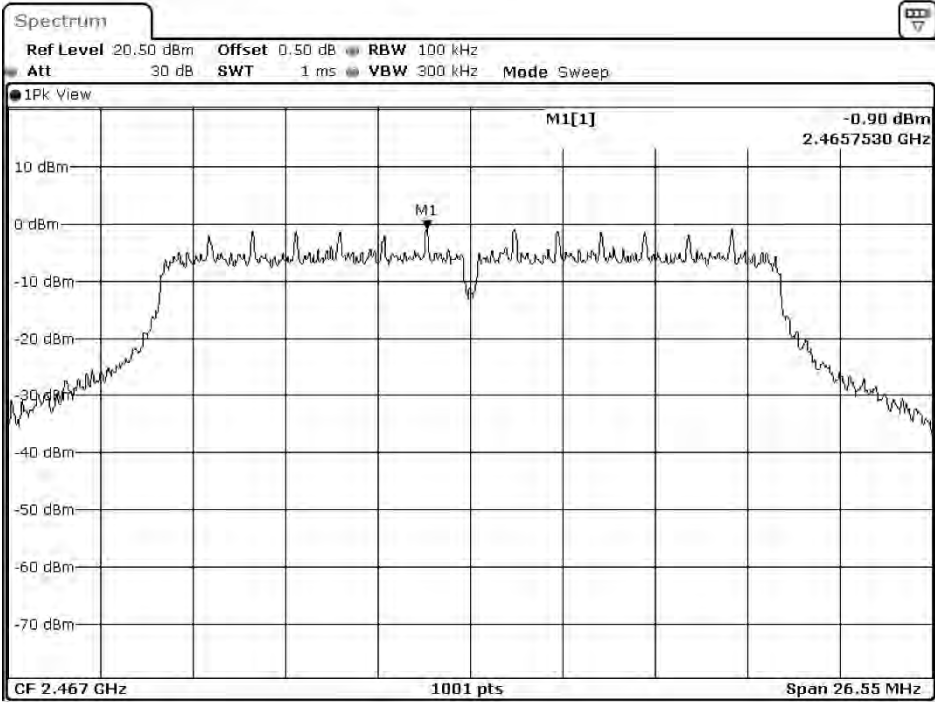
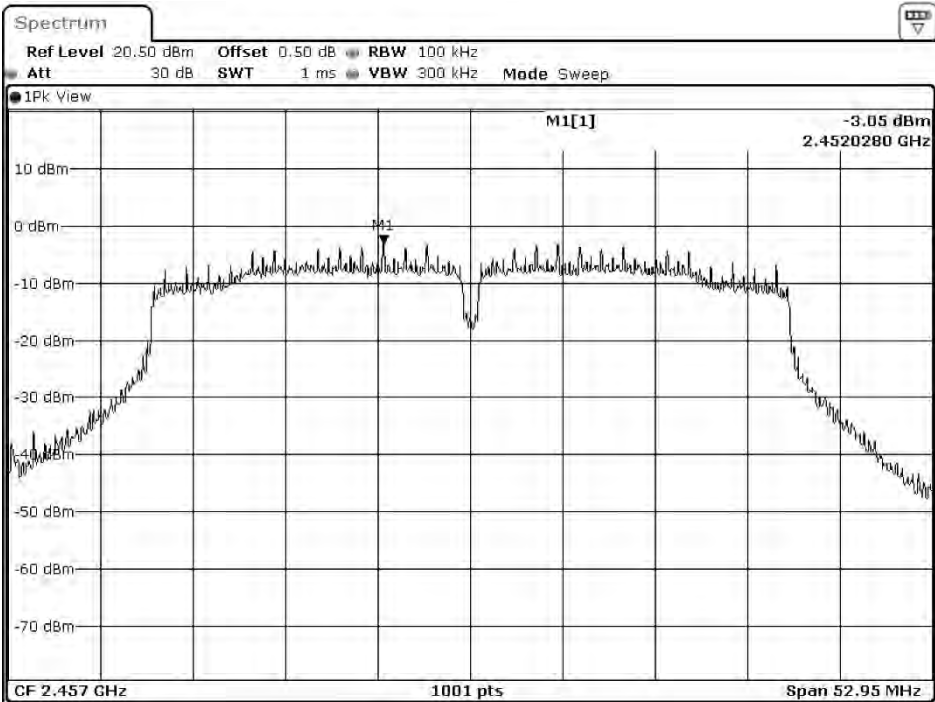


Figure Channel 10: (Chain A)



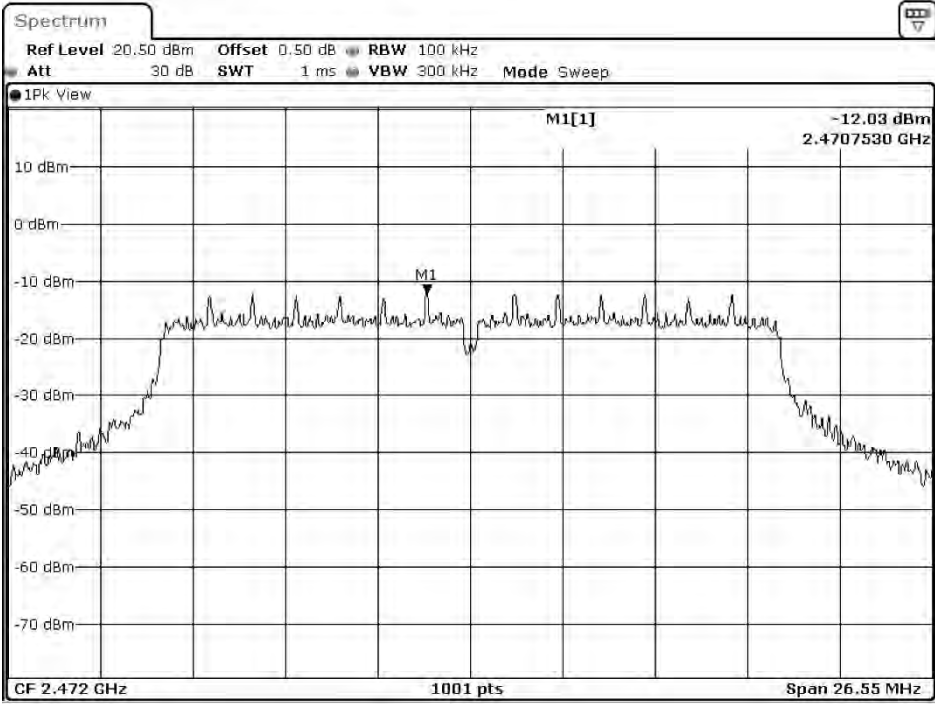
Date: 16 AUG, 2021 05:08:43

Figure Channel 10: (Chain B)



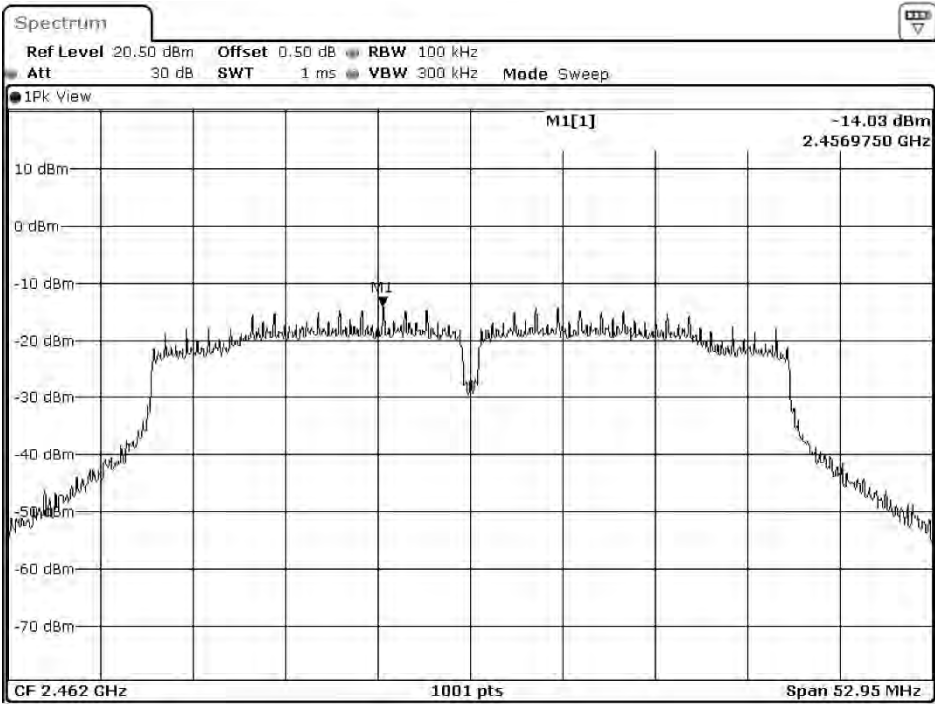
Date: 16 AUG, 2021 07:13:19

Figure Channel 11: (Chain A)



Date: 16 AUG, 2021 05:18:38

Figure Channel 11: (Chain B)



Date: 16 AUG, 2021 07:24:23

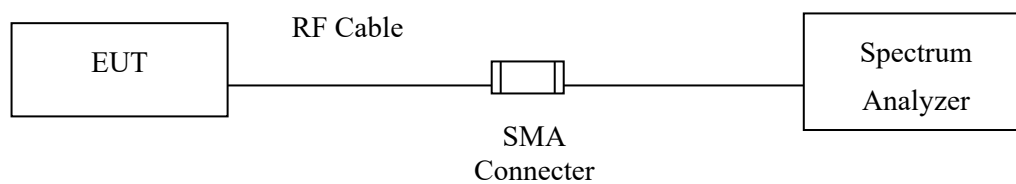
功率密度測試結果:	PASS
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11. Duty Cycle

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. Duty Cycle 測試結果

待測物名稱：Intel® Dual Band Wireless-AC 7260

待測物型號：7260NGW

測試頻道：--

測試日期：110 年 07 月 14 日

測試項目：Duty Cycle

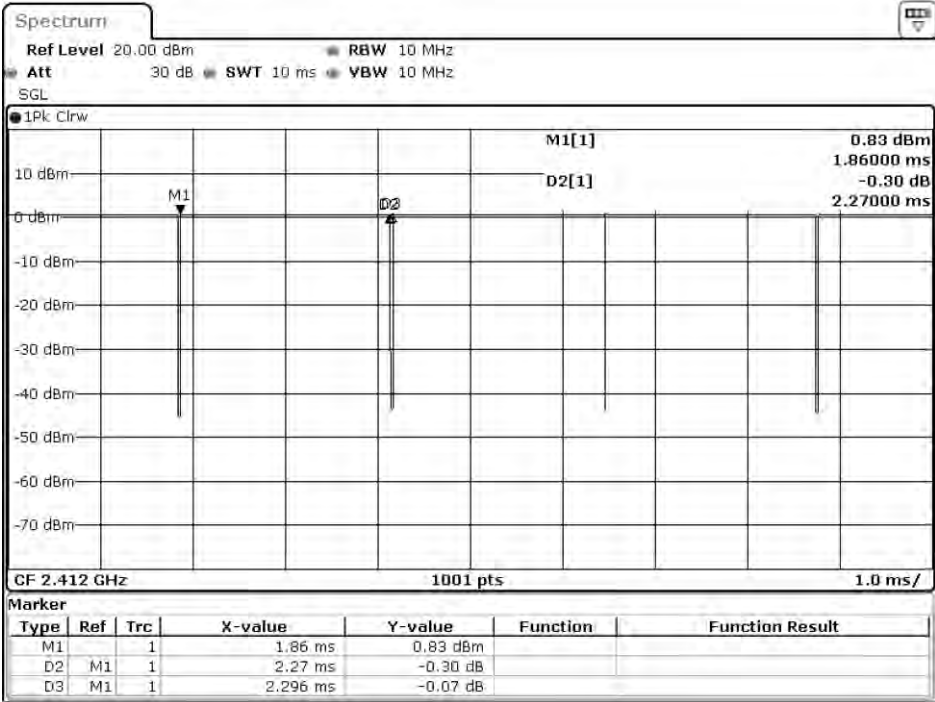
測試模式：--

檢測器：峰值

Duty Cycle Formula:
Duty Cycle = Ton / (Ton + Toff)
Duty Factor = 10 Log (1/Duty Cycle)
Results:

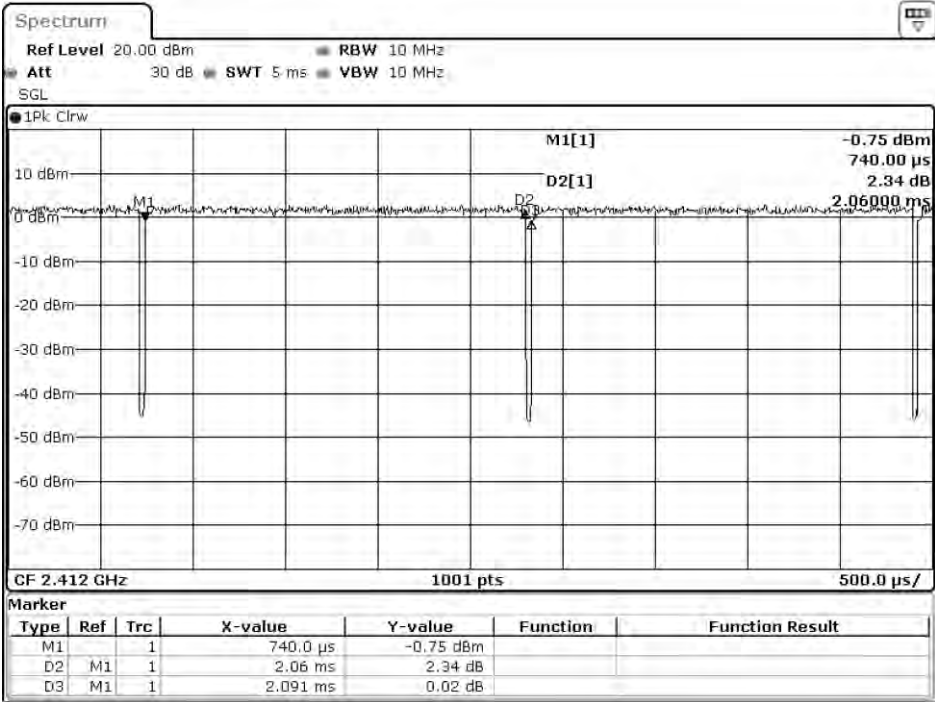
2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 b	2.2700	2.2960	98.87	0.05
802.11 g	2.0600	2.0910	98.52	0.06
802.11 n20	2.0650	2.0910	98.76	0.05
802.11 n40	0.9470	0.9730	97.33	0.12

802.11b (SISO A)



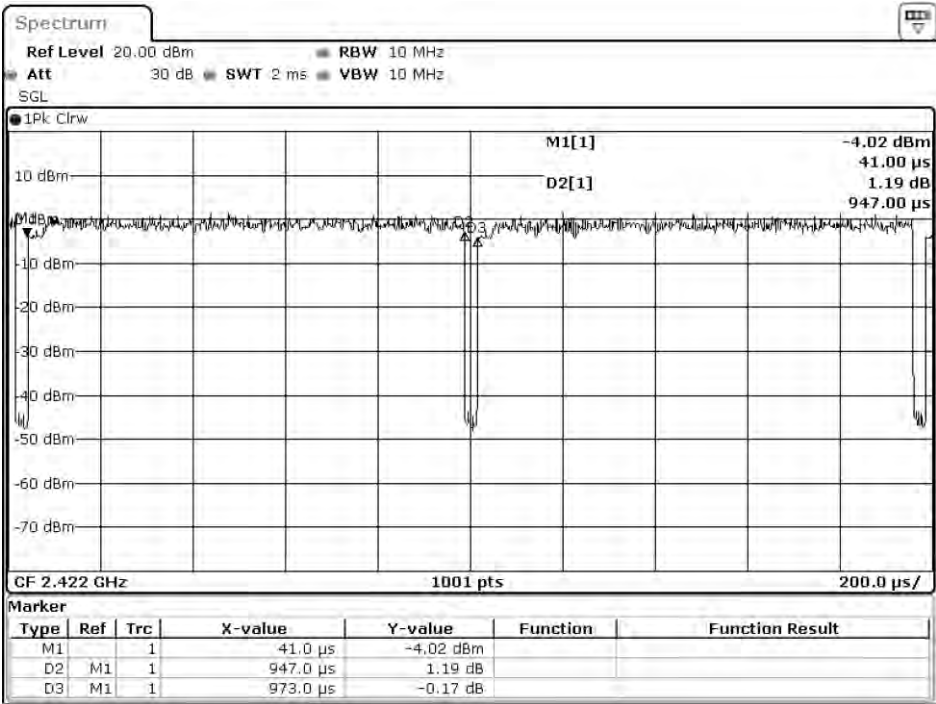
Date: 12.AUG.2021 03:36:07

802.11g (SISO A)

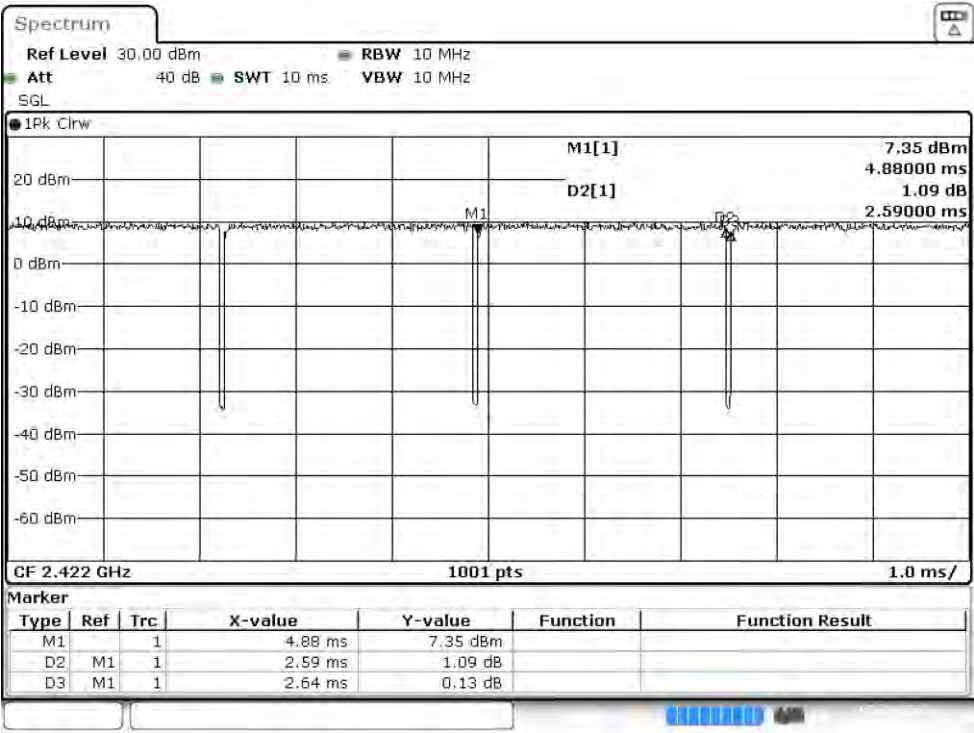


Date: 12.AUG.2021 03:37:40

802.11n20 (MIMO)



802.11n40 (MIMO)

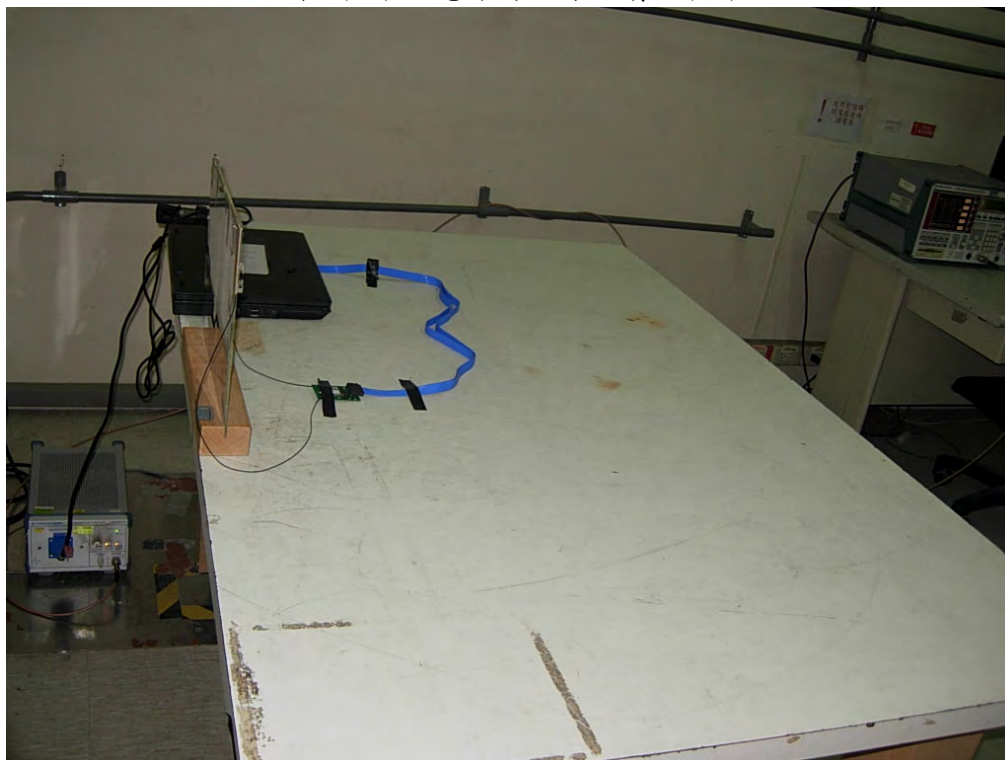


附件 1: 待測物測試擺設相片

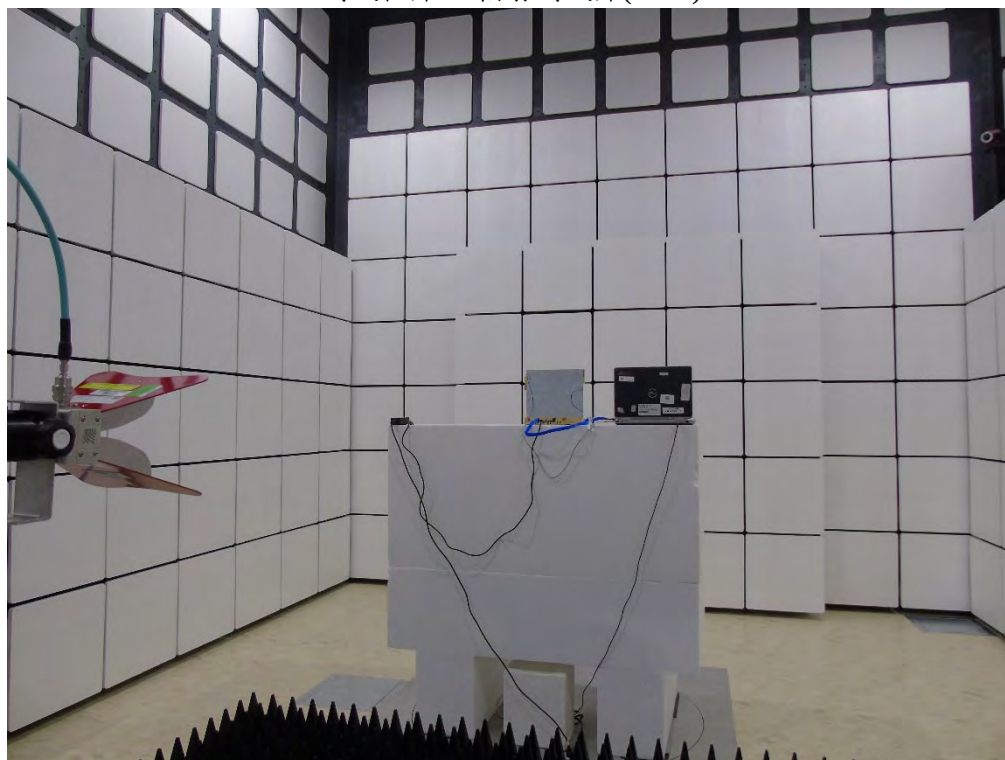
測試相片：電源端點測試 正面相片



測試相片：電源端點測試 背面相片



測試相片：輻射測試片(Horn)



測試相片：輻射測試片(Horn)

