



低功率射頻器材測試報告

申請廠商 : 瑋台科技有限公司

地址 : 高雄市鳳山區經武路 268 之 9 號

工廠 1) : 珠海奔圖電子有限公司

地址 : 珠海市珠海大道 3883 號 01 棟 3 樓中區 A

工廠 2) : 珠海奔圖電子有限公司

地址 : 珠海市金灣區平沙鎮升平大道 888 號 02 棟、06 棟、08 棟

產品名稱 : 黑白雷射單功能印表機/ Monochrome Laser Printer

主型號 : P2506W

系列型號 : P2509W

廠牌 : PANTUM

受理日期 : 110 年 12 月 24 日

完成日期 : 111 年 03 月 14 日

實驗室名稱：世騰電子科技股份有限公司測試實驗室

實驗室地址：桃園市蘆竹區聯福街 2 巷 10 號

實驗室認可證書有效期限：112 年 07 月 08 日

實驗室認可編號及範圍：1439 (9 kHz to 40 GHz)

實驗室認證資格





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修訂記錄

報告號碼.	發行日期	描述
21120236-TRNCC01	Mar. 14, 2022	Original



證 明 書

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主型號	: P2506W
系列型號	: P2509W
廠牌	: PANTUM
該產品樣品試驗 依據之試驗標準	: 國家通訊傳播委員會低功率射頻器材技術規範(LP0002)。 規範修訂日期 109 年 07 月 01 日。
發射功率 (電場強度)	: 23.19dBm (Peak)

茲在此鄭重聲明：

本試驗報告所列之待測設備樣品於民國 111 年 03 月 08 日在本公司的標準測試場地完成詳細及完整之量測。本試驗報告所列之量測皆依據低功率射頻器材技術規範之規定來執行。並判斷此待測設備樣品確實符合低功率射頻器材技術規範規定。

備註：本測試報告僅對受測之樣品負責。非經本公司同意，測試報告不得摘錄複印使用。(全部複製除外)。

項次	測試項目	低功率射頻器材技術 規範	量測設備	測試結果	結果判定
1	天線增益之要求	4.10.1.3 節	---	請參閱 3.2 節	合格
2	電源線傳導干擾之要求	3.3 節	請參閱 2 章	請參閱 4.4 節	合格
3	場強輻射之要求	4.10.1.5 節	請參閱 2 章	請參閱 5.4 節 及 5.5 節	合格
4	發射頻寬之要求	4.10.1.6 節(2).(A)	請參閱 2 章	請參閱 6.4 節	合格
5	峰值輸出功率之要求	4.10.1.2 節(1)(C)	請參閱 2 章	請參閱 7.4 節	合格
6	混附波發射限制之要求	4.10.1.5 節	請參閱 2 章	請參閱 8.4 節	合格
7	功率密度之要求	4.10.1.6 節(2)(B)	請參閱 2 章	請參閱 9.4 節	合格

本實驗室已依據合約內的標準，降低儀器、環境、人員等不確定因素。因此測試結果將直接依照標準要求判定之。

報告簽署人：



1. 一般描述

1.1. 產品規格

電壓：AC 110~127V, 50/60Hz 6.0A

Frequency Range	WIFI 2.4G: 802.11b/g/n HT20MHz: 2412-2462MHz 802.11n HT40:2422MHz~2452MHz
Modulation Type	802.11b: CCK, DQPSK, DBPSK 802.11g: 64-QAM, 16-QAM, QPSK, BPSK 802.11n: 64-QAM, 16-QAM, QPSK, BPSK
Data Rate	WIFI 2.4G: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: HT20 reach up to 72.2Mbps, HT40 reach up to 150Mbps
USB Cable	Brand: Nienyi, Model: NYS2316
PowerCord	Brand: HONGCHANG, Model: DTII-3P-16+DTII-3P-04

Note: For more details, please refer to the User's manual of the EUT.

處理器	600MHz
記憶體	64MB/128MB/256MB
通信介面	Hi-Speed USB 2.0; Wi-Fi 802.11b/g/n
操作環境	最佳列印品質 10-32 °C
	操作濕度範圍 20 to 80% RH
產品尺寸 (W*D*H)	約 337mm*220mm*178mm
重量 (不含雷射碳粉匣)	約 4.0kg(不含隨機雷射碳粉匣)
控制台	LED

1.2. 差異說明

型號 P2506W 和型號 P2509W 差異為型號命名不同，僅用於市場區隔。



1.3. 無線界面規格及頻道對應頻率

802.11b, 802.11g, 802.11n HT20(2412MHz~2462MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
*01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	*11	2462
*06	2437	---	---

*為量測之頻率

802.11n HT40(2422MHz~2452MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
---	---	07	2442
---	---	08	2447
*03	2422	*09	2452
04	2427	---	---
05	2432	---	---
*06	2437	---	---

*為量測之頻率



1.4. 測試模式之描述

- 電源傳導及輻射測試之測試軟體如下:

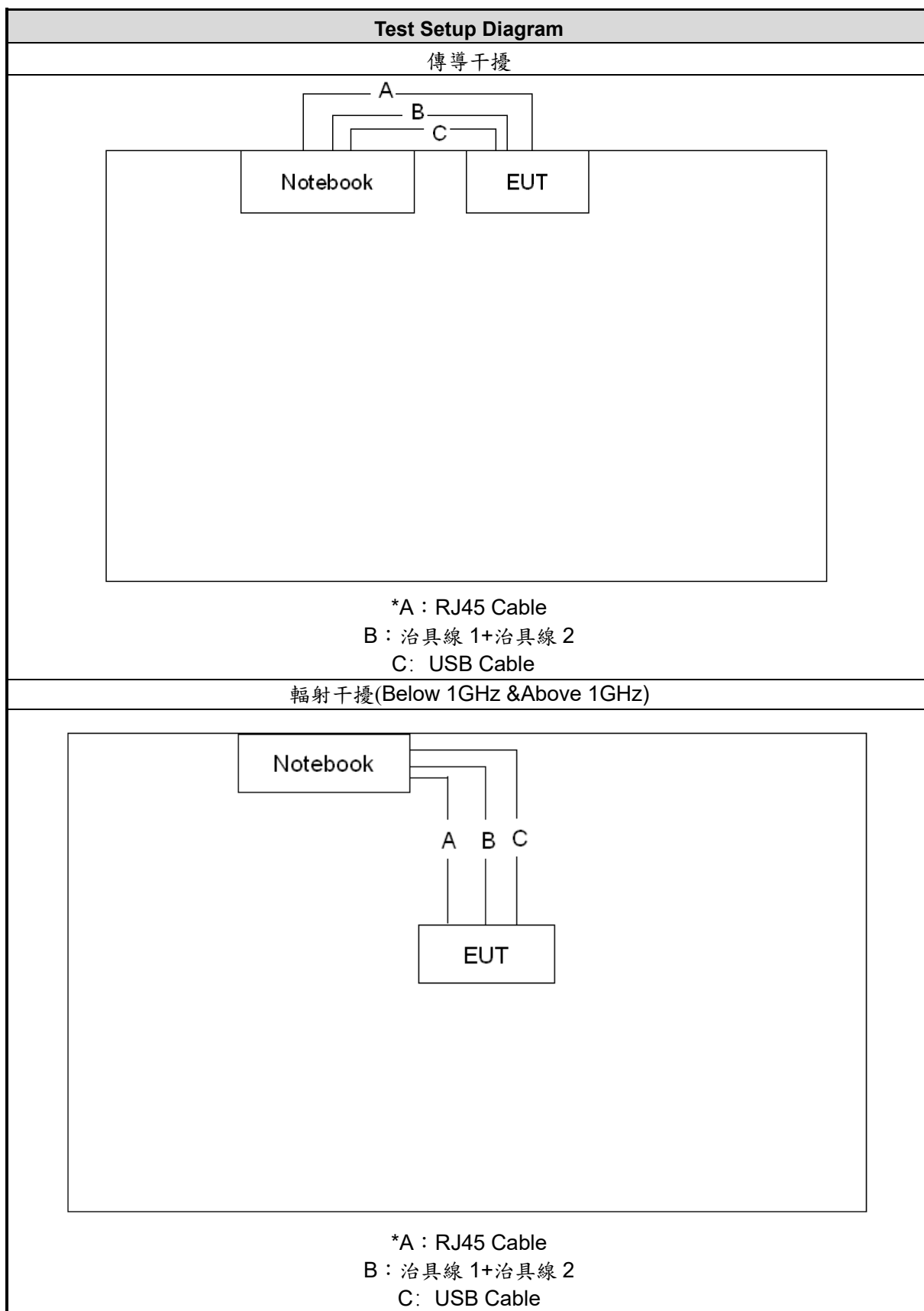
1. 將量測系統之全部電源打開。
2. EUT 連接治具，治具再連接電腦，電腦於 Win 10 作業系統下，EUT 使用 ttermpro.exe 輸入指令進行發射與接收訊號。(軟體版本號: 4.73.0.0)

- 執行以下測試模式如下：

Conducted Emissions from the AC mains power ports	
Test Mode	Operating Description
1	802.11b (1Mbps), Transmitter Mode
2	802.11g (6Mbps), Transmitter Mode
3	802.11n HT20 (6.5Mbps), Transmitter Mode
4	802.11n HT40 (13.5Mbps), Transmitter Mode
5	802.11b (1Mbps), Receiver Mode
6	802.11g (6Mbps), Receiver Mode
7	802.11n HT20 (6.5Mbps), Receiver Mode
8	802.11n HT40 (13.5Mbps), Receiver Mode
caused "Test Mode 2,6" generated the worst case and were reported as the final data.	
Radiation Emissions (30MHz ~ 1GHz)	
1	802.11b (1Mbps), Transmitter Mode
2	802.11g (6Mbps), Transmitter Mode
3	802.11n HT20 (6.5Mbps), Transmitter Mode
4	802.11n HT40 (13.5Mbps), Transmitter Mode
5	802.11b (1Mbps), Receiver Mode
6	802.11g (6Mbps), Receiver Mode
7	802.11n HT20 (6.5Mbps), Receiver Mode
8	802.11n HT40 (13.5Mbps), Receiver Mode
caused "Test Mode 2,6" generated the worst case and were reported as the final data.	
Radiation Emissions (1GHz ~ 25GHz)	
Test Mode	Operating Description
1	802.11b (1Mbps), Transmitter Mode
2	802.11g (6Mbps), Transmitter Mode
3	802.11n HT20 (6.5Mbps), Transmitter Mode
4	802.11n HT40 (13.5Mbps), Transmitter Mode
5	802.11b (1Mbps), Receiver Mode
6	802.11g (6Mbps), Receiver Mode
7	802.11n HT20 (6.5Mbps), Receiver Mode
8	802.11n HT40 (13.5Mbps), Receiver Mode
caused "Test Mode 1-4, 6" generated the worst case and were reported as the final data.	



1.5. 受測裝置之系統說明





[本案經申請者切結器材不提供隨貨配件，配件由實驗室提供併同檢驗]，及其廠牌型號資訊如下：

RF Conducted				
Equipment	Brand	Model	Serial No	Power cord/Length/Type
Notebook	ASUS	P2430U	GBNXCV13M064467	Adapter / 1.8m / NS
治具線 1	DTECH	(USB 转 RS232)1.8M 公口	N/A	1.5m / NS
治具線 2	奔圖	奔圖 01	N/A	0.5m / NS
USB Cable (隨貨附)	Nienyi	NYS2316	N/A	1.5m / NS
PowerCord (隨貨附)	HONGCHANG	DTII-3P-16+DTII-3P-04	N/A	1.5m / NS
Radiated Emissions & AC Power Line Conducted Emission				
Equipment	Brand	Model	Serial No	Power cord/Length/Type
Notebook	ASUS	P2430U	GBNXCV13M064467	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	Cat5e	N/A	1.8m / NS
治具線 1	DTECH	(USB 转 RS232)1.8M 公口	N/A	1.5m / NS
治具線 2	奔圖	奔圖 01	N/A	0.5m / NS
USB Cable (隨貨附)	Nienyi	NYS2316	N/A	1.5m / NS
PowerCord (隨貨附)	HONGCHANG	DTII-3P-16+DTII-3P-04	N/A	1.5m / NS



1.6. 測試場地

測試場地：	世騰電子科技股份有限公司測試實驗室 338 桃園市蘆竹區聯福街 2 巷 10 號
測試電壓：	AC110V/60Hz
適用規範：	本測試報告之所有項目皆依據國家通訊傳播委員會低功率射頻器材技術規範以及參考 ANSI、FCC/47CFR/2.1046、2.1047、2.1049、2.1051、2.1053 及 2.1055 之檢驗法。
測試頻率：	電源傳導：從 150 kHz 到 30 MHz。 場強輻射：從 30 MHz 到 25000 MHz。
測試天線的距離：	場強輻射之測試距離為 3 M。

Test Item	Test Site	Finish Date	Environmental Conditions	Tested By
RF Conducted	RFCON01-NK	2022/2/22~2022/03/08	17~23℃ / 49~52%	Dian Chen
Radiated Emissions	3M03-NK	2022/02/18~2022/02/23	21~25℃ / 43~52%	Dian Chen
AC Power Line Conducted Emission	CON01-NK	2022/02/20	17℃ / 49%	Dian Chen

1.7. 量測不確定度

量測項目	不確定度
AC Power Line Conduction(150K~30MHz)	±1.90dB
Radiated Spurious Emission(9KHz~30MHz)	±3.405dB
Radiated Spurious Emission(30MHz~1GHz)	±5.636dB
Radiated Spurious Emission(1GHz~25GHz)	±6.621dB
Conducted Spurious Emission	±1.8dB
6dB Bandwidth	±4.4%
20dB Bandwidth	±4.4%
Occupied Bandwidth	±4.4%
Peak Output Power(Conducted Power Meter)	±1.1dB
Dwell Time	±1.2%
Power Spectral Density	±1.8dB
Duty Cycle	±1.2%



2. 測試儀器

Test Item	Radiated Emissions				
Test Site	Semi Anechoic Room(3M03-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Sunol	JB1	A080713	2021/11/05	2022/11/04
Active Loop Antenna	EMCO	6507	40855	2021/06/10	2022/06/09
Double Ridged Guide Horn Antenna	RF SPAN	DRH18-E	210309A18-ES	2021/11/09	2022/11/08
Horn Antenna	EMCO	3116	31970	2021/03/29	2022/03/28
Spectrum Analyzer	ROHDE & SCHWARZ	FSP 40	100219	2021/08/06	2022/08/05
Preamplifier	EM Electronics corp.	EM01G18G	60831	2021/06/25	2022/06/24
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2021/11/16	2022/11/15
Amplifier	EM Electronics corp.	EM330	60820	2021/07/25	2022/07/24
Bluetooth Tester	ROHDE & SCHWARZ	CBT	101133	2021/04/19	2022/04/18
Cable-1m(30M-1G)	HUBER SUHNER	RG-214	00419M	2021/06/29	2022/06/28
Cable-1.5m(30M-1G)	HUBER SUHNER	RG-214	00420M	2021/06/29	2022/06/28
Cable-9m(30M-1G)	HUBER SUHNER	RG-214	00430M	2021/06/29	2022/06/28
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2021/09/22	2022/09/21
Cable-1.5m(1G-26.5G)	EMEC	EM104-SMSM-1.5M	EM104-SMSM-1.5M	2021/06/29	2022/06/28
Cable-9m(1G-26.5G)	EMEC	EM104-SMSM-9M	EM104-SMSM-9M	2021/06/29	2022/06/28
Cable-0.5m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	28420/2	2021/04/03	2022/04/02
Cable-3m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	MY2608/2	2021/04/09	2022/04/08
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA

Test Item	RF Conducted				
Test Site	RFCON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100339	2022/01/10	2023/01/09
Attenuator	KEYSIGHT	8491B	MY39250703	2021/04/09	2022/04/08
Cable-0.5m(1G-26.5G)	HUBER SUHNER	SUCOFLEX 102	28422/2	2021/04/08	2022/04/07
Power Meter	Anritsu	ML2495A	1224005	2021/04/14	2022/04/13
Power Sensor	Anritsu	MA2411B	1207295	2021/04/14	2022/04/13
Switch Box	Theda	1-4	TW5451159	NA	NA
MXG-B RF Vector Signal Generator	KEYSIGHT	N5182B	MY53051383	2021/06/30	2022/06/29



Test Item	AC Power Line Conducted Emission				
Test Site	CON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EMI Receiver	ROHDE & SCHWARZ	ESCI	101200	2021/08/30	2022/08/29
Line Impedance Stabilization Network	Schwarzbeck	NSLK 8127	8127-568	2021/06/02	2022/06/01
Pulse Limiter	ROHDE & SCHWARZ	ESH3-Z2	101934	2021/03/10	2022/03/09
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130606	2021/03/15	2022/03/14
E3	AUDIX	v8.2014-8-6	RK-000531	NA	NA



3. 天線增益之要求

天線規格不受國家通訊傳播委員會低功率射頻器材技術規範(3.2)節規定之限制，其發射天線之方向性增益超過 6dBi 時，應依其所超過之 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。

3.1. 天線型式及其增益

- 1.1 Brand : 妙明
- 1.2 Model : MM-P4810-L-95-B
- 1.3 Antenna type : FPC Antenna
- 1.4 Frequency Rang : 2400-2500MHz
- 1.5 Gain(peak) : 3.55dBi

(參照天線規格資料)

3.2. 結果判定

其發射天線之方向性增益低於 6dBi，因此無需降低峰值輸出功率。

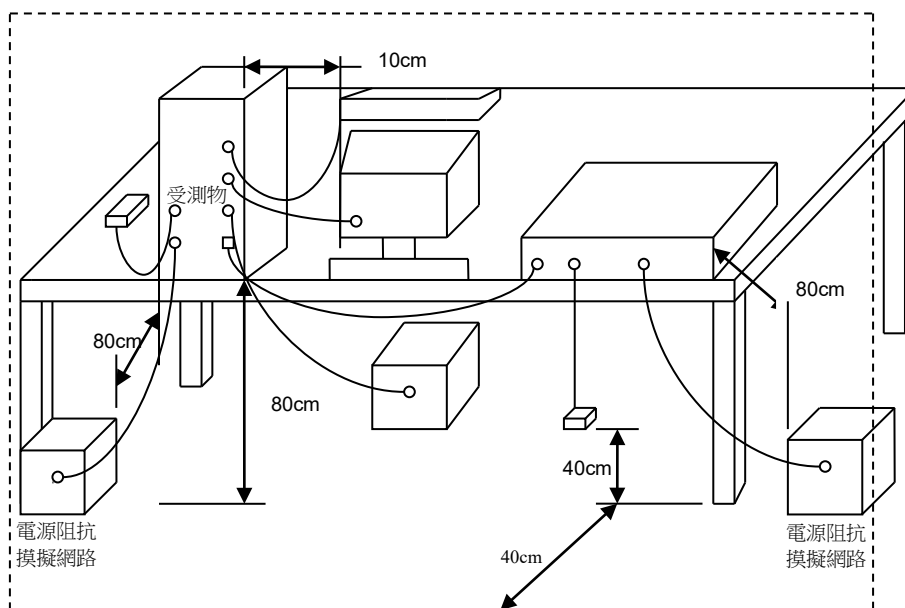


4.1.適用標準

頻率範圍(MHz)	傳導限制值 (dB μ V)	
	準峰值(Quasi-peak)	平均值(Average)
0.15 ~ 0.5	66-56 (註)	56-46 (註)
0.5 ~ 5	56	46
5 ~ 30	60	50

4.2. 測試方法

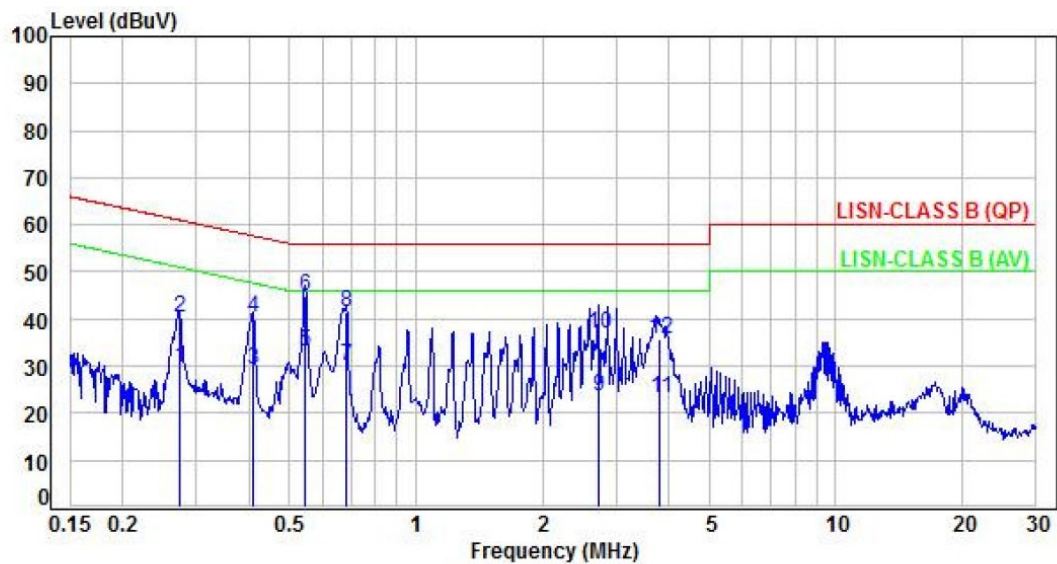
4.3. 傳導干擾之擺設





4.4. 傳導干擾之測試結果及數據

Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	LINE
Test Mode	:	Mode 2			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.27	9.91	19.63	29.54	51.01	-21.47	Average	P
2	0.27	9.91	30.35	40.26	61.01	-20.75	QP	P
3	0.41	9.90	19.49	29.39	47.67	-18.28	Average	P
4	0.41	9.90	30.53	40.43	57.67	-17.24	QP	P
5	0.55	9.91	23.23	33.14	46.00	-12.86	Average	P
6	0.55	9.91	35.05	44.96	56.00	-11.04	QP	P
7	0.68	9.92	20.20	30.12	46.00	-15.88	Average	P
8	0.68	9.92	31.49	41.41	56.00	-14.59	QP	P
9	2.72	9.89	13.76	23.65	46.00	-22.35	Average	P
10	2.72	9.89	27.06	36.95	56.00	-19.05	QP	P
11	3.82	9.89	13.49	23.38	46.00	-22.62	Average	P
12	3.82	9.89	25.86	35.75	56.00	-20.25	QP	P

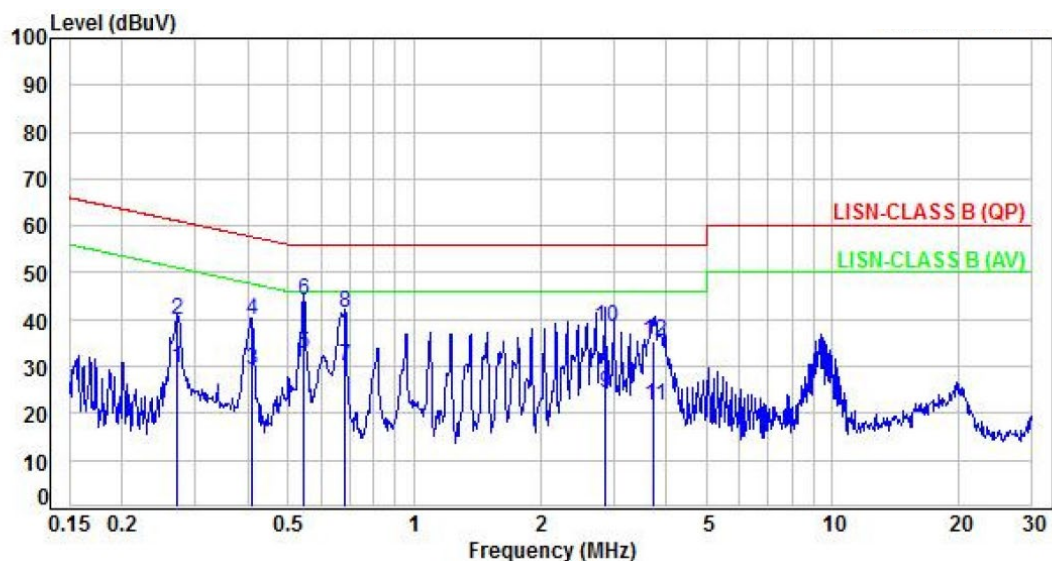
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	NEUTRAL
Test Mode	:	Mode 2			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.27	9.91	19.80	29.71	51.09	-21.38	Average	P
2	0.27	9.91	29.97	39.88	61.09	-21.21	QP	P
3	0.41	9.90	19.29	29.19	47.68	-18.49	Average	P
4	0.41	9.90	30.05	39.95	57.68	-17.73	QP	P
5	0.55	9.90	22.96	32.86	46.00	-13.14	Average	P
6	0.55	9.90	34.33	44.23	56.00	-11.77	QP	P
7	0.68	9.91	20.22	30.13	46.00	-15.87	Average	P
8	0.68	9.91	31.55	41.46	56.00	-14.54	QP	P
9	2.86	9.88	14.40	24.28	46.00	-21.72	Average	P
10	2.86	9.88	28.66	38.54	56.00	-17.46	QP	P
11	3.74	9.87	11.63	21.50	46.00	-24.50	Average	P
12	3.74	9.87	25.32	35.19	56.00	-20.81	QP	P

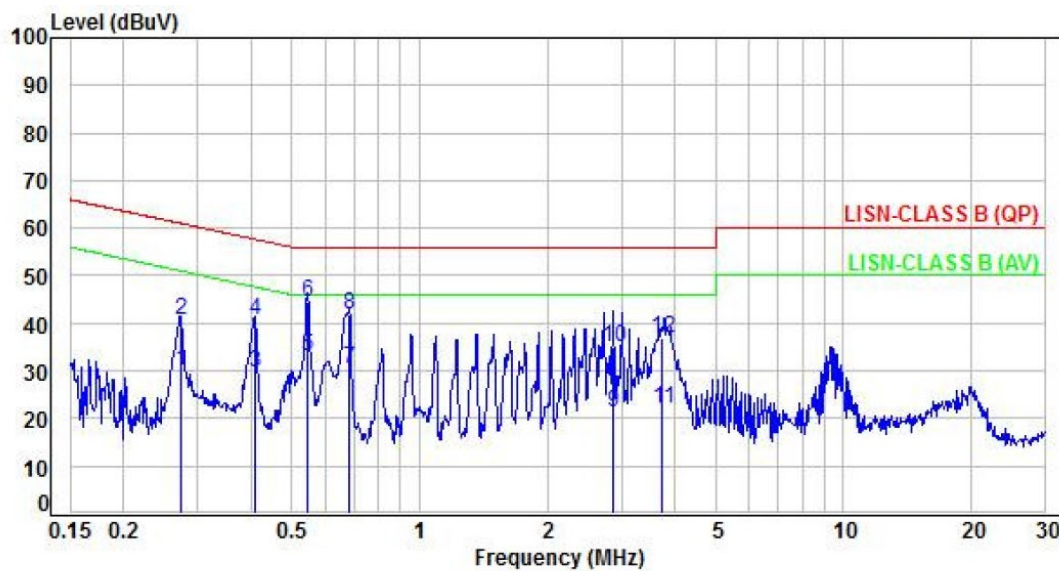
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	LINE
Test Mode	:	Mode 6			



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	P/F
1	0.27	9.91	20.15	30.06	51.03	-20.97	Average	P
2	0.27	9.91	30.69	40.60	61.03	-20.43	QP	P
3	0.41	9.90	19.69	29.59	47.67	-18.08	Average	P
4	0.41	9.90	30.60	40.50	57.67	-17.17	QP	P
5	0.54	9.91	23.28	33.19	46.00	-12.81	Average	P
6	0.54	9.91	34.55	44.46	56.00	-11.54	QP	P
7	0.68	9.92	20.63	30.55	46.00	-15.45	Average	P
8	0.68	9.92	31.93	41.85	56.00	-14.15	QP	P
9	2.87	9.90	11.29	21.19	46.00	-24.81	Average	P
10	2.87	9.90	25.03	34.93	56.00	-21.07	QP	P
11	3.74	9.89	12.33	22.22	46.00	-23.78	Average	P
12	3.74	9.89	26.87	36.76	56.00	-19.24	QP	P

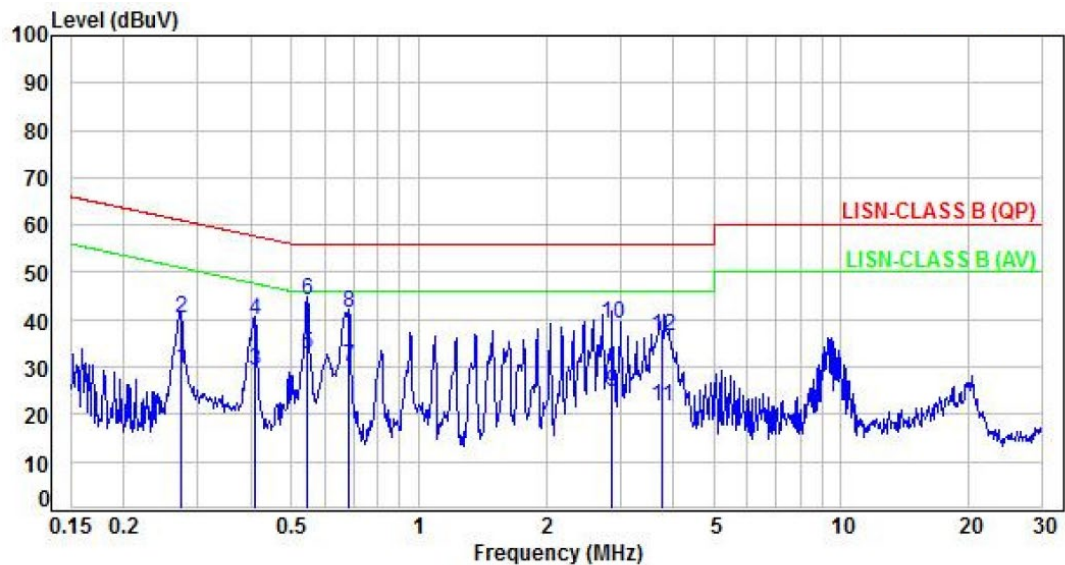
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	NEUTRAL
Test Mode	:	Mode 6			



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	P/F
1	0.27	9.91	19.82	29.73	51.03	-21.30	Average	P
2	0.27	9.91	30.43	40.34	61.03	-20.69	QP	P
3	0.41	9.90	19.33	29.23	47.69	-18.46	Average	P
4	0.41	9.90	29.92	39.82	57.69	-17.87	QP	P
5	0.55	9.90	22.91	32.81	46.00	-13.19	Average	P
6	0.55	9.90	34.31	44.21	56.00	-11.79	QP	P
7	0.68	9.91	20.30	30.21	46.00	-15.79	Average	P
8	0.68	9.91	31.63	41.54	56.00	-14.46	QP	P
9	2.86	9.88	14.82	24.70	46.00	-21.30	Average	P
10	2.86	9.88	29.17	39.05	56.00	-16.95	QP	P
11	3.77	9.87	11.63	21.50	46.00	-24.50	Average	P
12	3.77	9.87	26.69	36.56	56.00	-19.44	QP	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=(LISN or ISN or Current Probe)Factor + Cable Loss

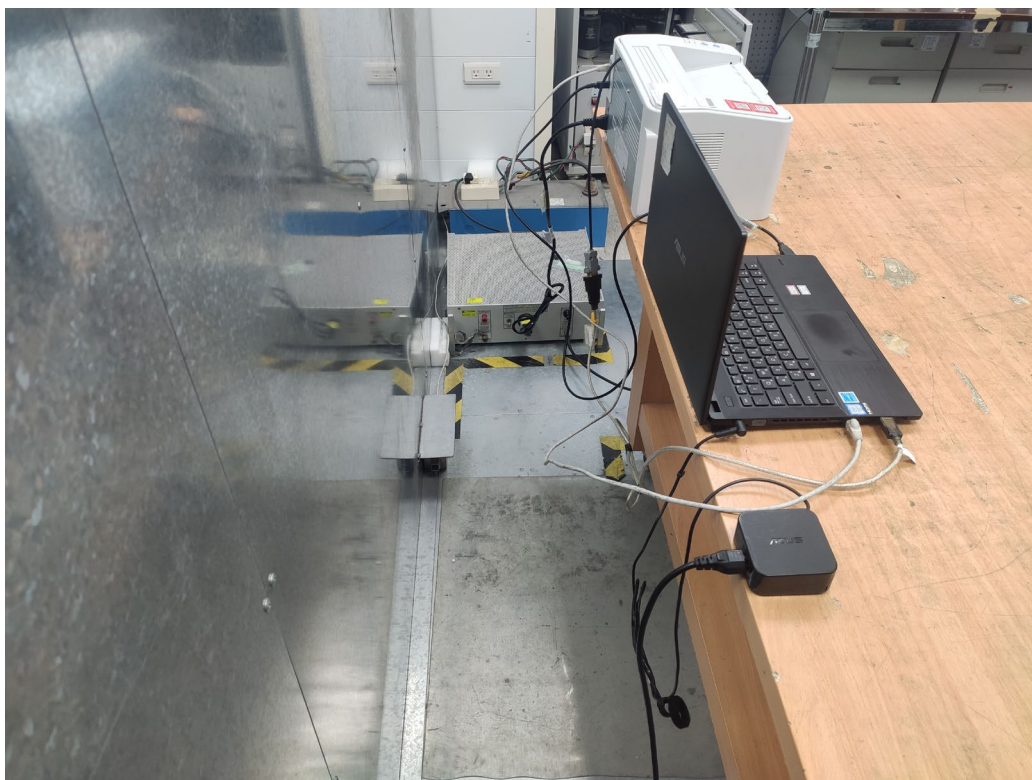


4.5. 傳導量測之配置照片

正面照



側面照





5. 輻射之量測規定

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 4.10.1.5 節之要求，落於 3.5 節禁用頻段之輻射干擾需符合 3.6 節之一般限制要求：

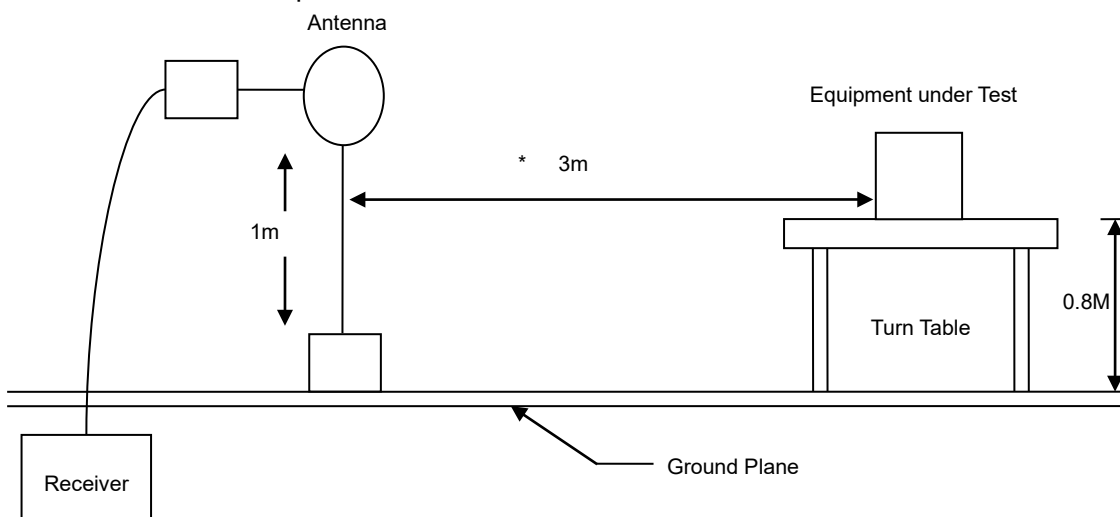
頻率(MHz)	測試距離(m)	限制值(dB μ V)	限制值(μ V/m)
0.009 – 0.490 (含)	300	67.6 / f(kHz)	2400 / f(kHz)
0.490 (不含) – 1.705 (含)	30	87.6 / f(kHz)	24000 / f(kHz)
1.705(不含) – 30(不含)	30	29.5	30
30 (含) – 88 (含)	3	40.0	100
88(不含) – 216 (含)	3	43.5	150
216(不含) – 960 (含)	3	46.0	200
960(不含)以上	3	54.0	500

5.2. 測試方法

將待測物置於 0.8 米(Below 1G) & 1.5 米(Above 1G)高的非金屬桌面，使其在測試模式狀態，且設定為高、中、低各頻道產生最高峰值輸出功率的傳輸速率，接收天線置於 3 米外，且桌面要 360 度旋轉，另外接收天線也要從 1 米至 4 米升降變化，接收天線置於水平、垂直極向各執行測試一次。如待測物可以三軸相放置，並分別測試以找出最大輻射電場強度(最差的結果為 X 軸)。

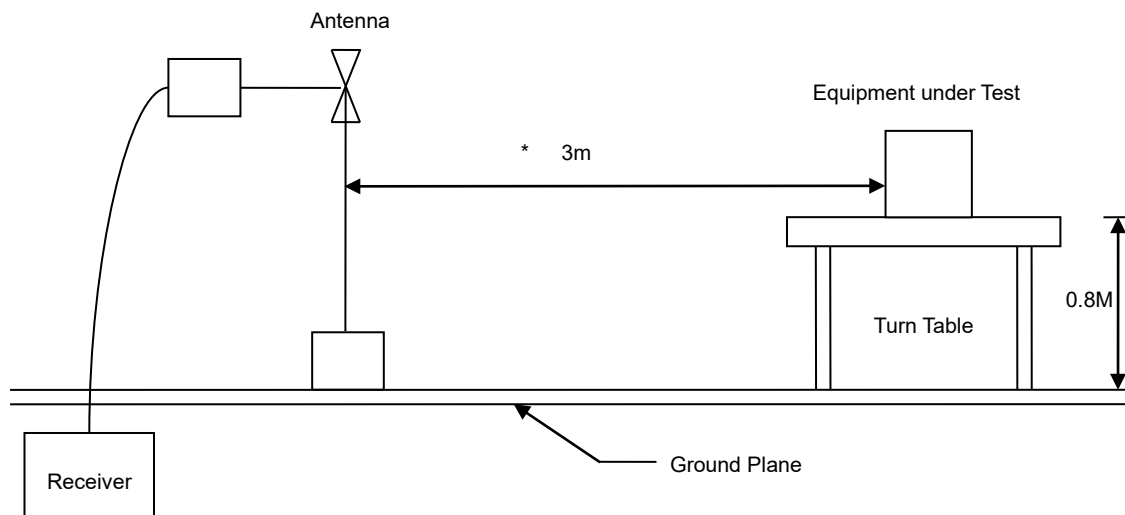
5.3. 輻射場地之擺設

Below 30MHz test setup

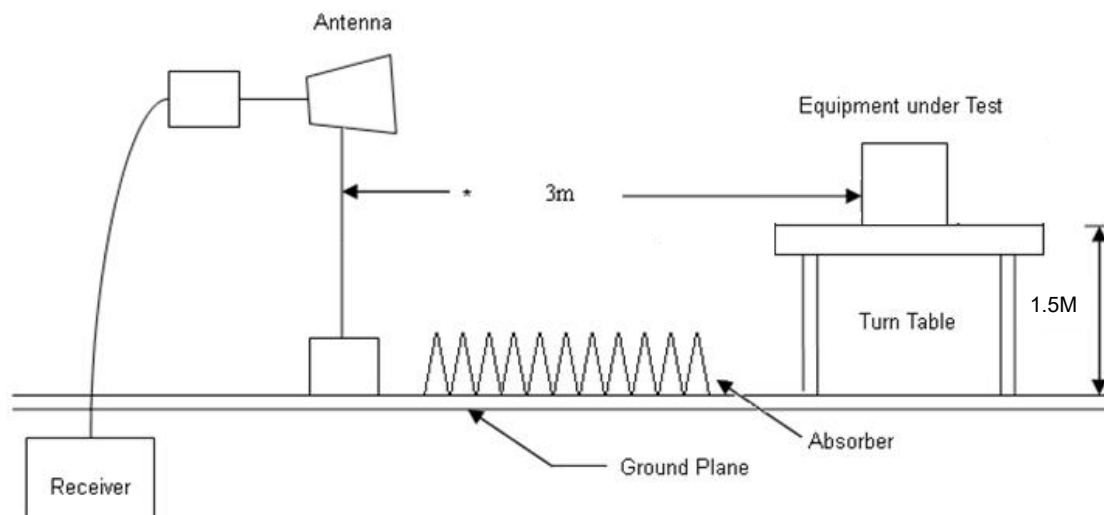




30MHz- 1GHz Test Setup



Above 1GHz Test Setup



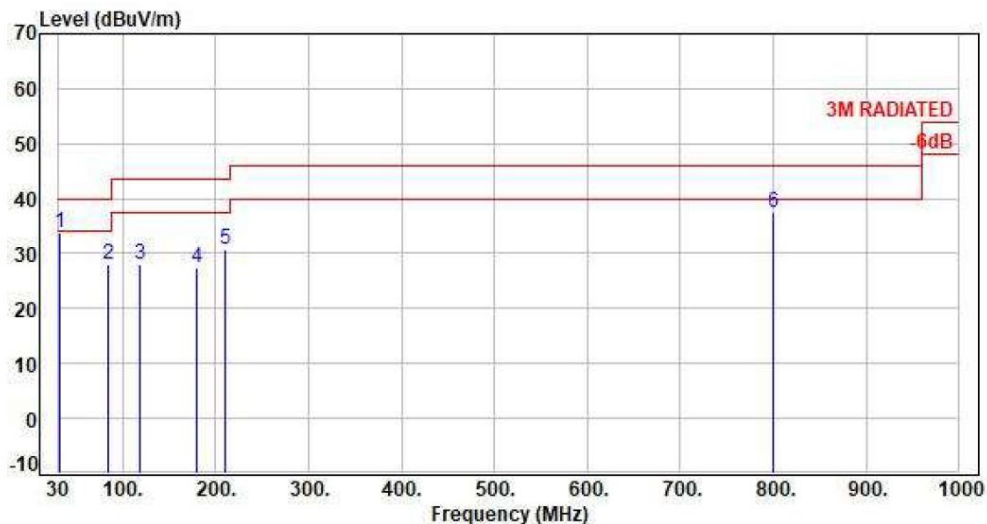


5.4. 輻射之測試結果及數據 (9kHz ~ 30MHz)

The 9kHz - 30MHz spurious emission is under limit 20dB more.

5.5. 輻射之測試結果及數據 (30MHz ~ 1GHz)

Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 2			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	31.94	-4.96	38.84	33.88	40.00	-6.12	Peak	400	360	P
2	84.32	-17.99	46.01	28.02	40.00	-11.98	Peak	400	360	P
3	119.24	-11.37	39.33	27.96	43.50	-15.54	Peak	400	360	P
4	179.38	-13.55	40.89	27.34	43.50	-16.16	Peak	400	360	P
5	210.42	-13.79	44.47	30.68	43.50	-12.82	Peak	400	360	P
6	800.18	-1.02	38.58	37.56	46.00	-8.44	Peak	400	360	P

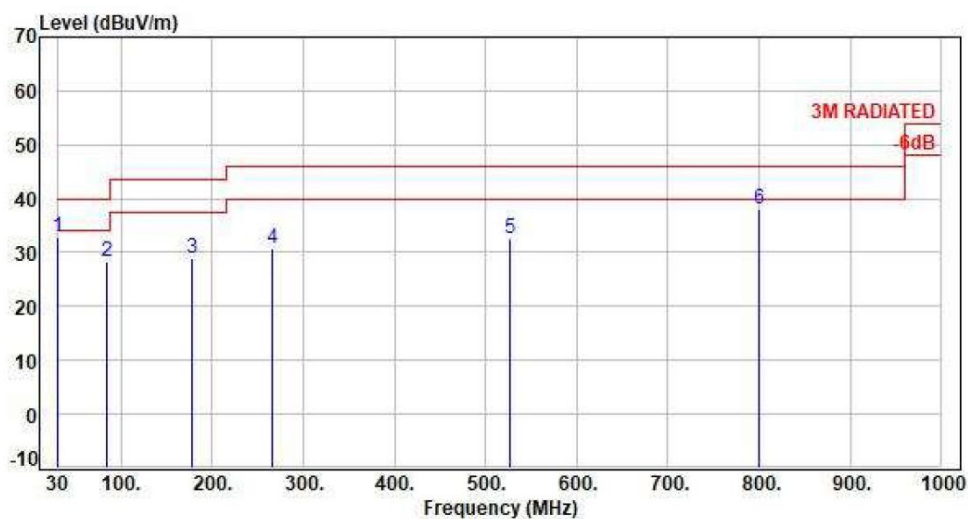
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 2			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	30.00	-3.62	36.37	32.75	40.00	-7.25	Peak	400	360	P
2	84.32	-17.99	46.44	28.45	40.00	-11.55	Peak	400	360	P
3	177.44	-13.56	42.40	28.84	43.50	-14.66	Peak	400	360	P
4	266.68	-10.82	41.44	30.62	46.00	-15.38	Peak	400	360	P
5	526.64	-5.42	37.89	32.47	46.00	-13.53	Peak	400	360	P
6	800.18	-1.02	39.20	38.18	46.00	-7.82	Peak	400	360	P

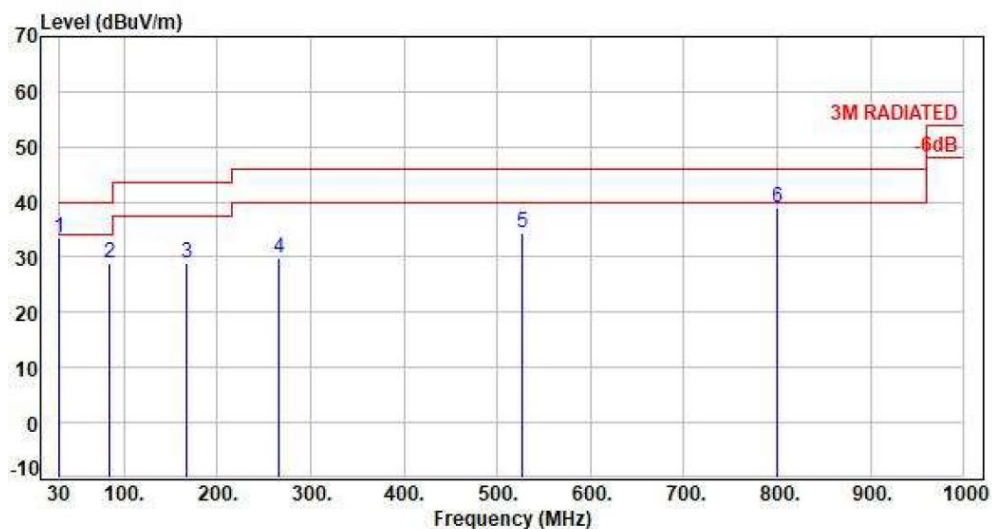
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6			

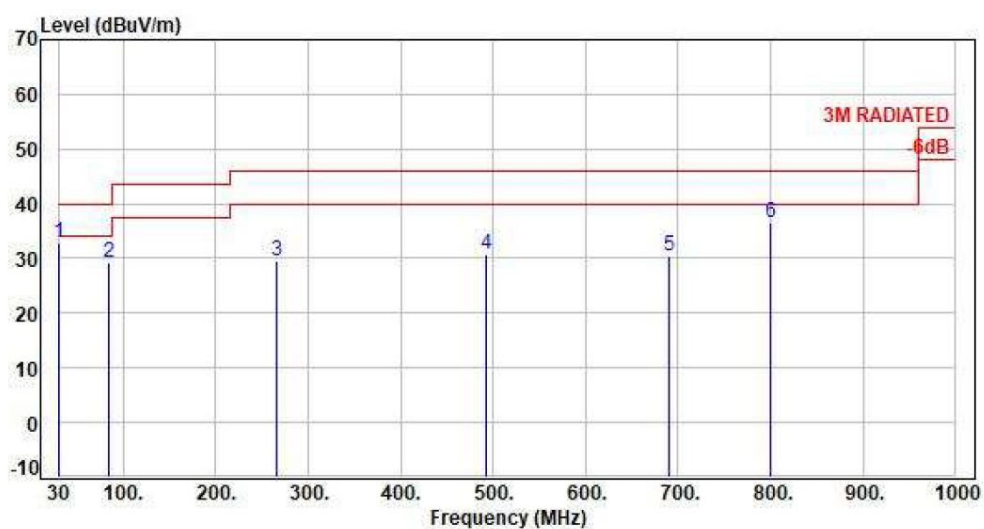


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	30.00	-3.62	37.17	33.55	40.00	-6.45	Peak	400	360	P
2	84.32	-17.99	46.84	28.85	40.00	-11.15	Peak	400	360	P
3	167.74	-12.78	41.59	28.81	43.50	-14.69	Peak	400	360	P
4	266.68	-10.82	40.74	29.92	46.00	-16.08	Peak	400	360	P
5	526.64	-5.42	39.71	34.29	46.00	-11.71	Peak	400	360	P
6	800.18	-1.02	40.02	39.00	46.00	-7.00	Peak	400	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	30.00	-3.62	36.45	32.83	40.00	-7.17	Peak	400	0	P
2	84.32	-17.99	47.11	29.12	40.00	-10.88	Peak	400	0	P
3	266.68	-10.82	40.32	29.50	46.00	-16.50	Peak	400	0	P
4	491.72	-5.73	36.53	30.80	46.00	-15.20	Peak	400	0	P
5	689.60	-2.74	33.14	30.40	46.00	-15.60	Peak	400	0	P
6	800.18	-1.02	37.45	36.43	46.00	-9.57	Peak	400	0	P

Note: Level=Reading+Factor

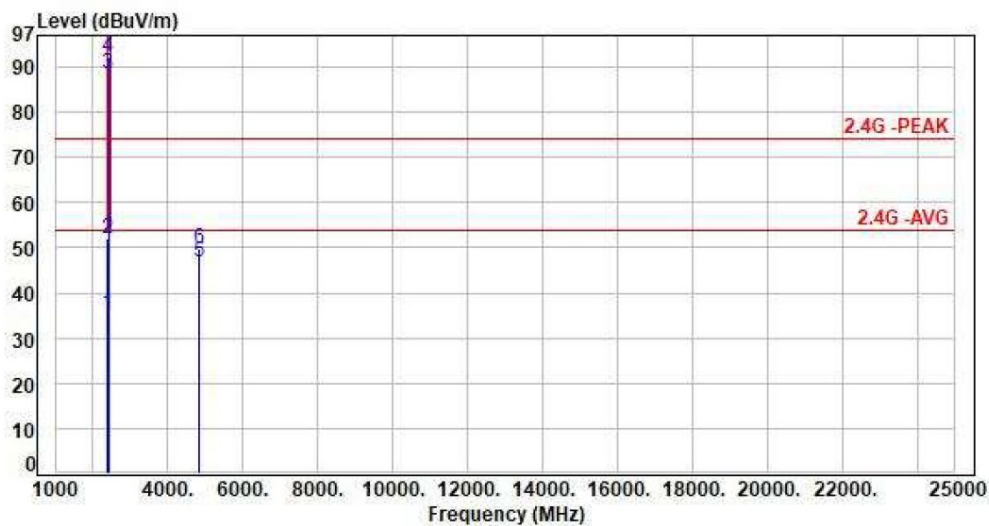
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



5.6. 輻射之測試結果及數據 (1GHz ~ 25GHz)

Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, CH01			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	50.56	35.27	54.00	-18.73	Average	383	135	P
2	2390.00	-15.29	67.17	51.88	74.00	-22.12	Peak	383	135	P
3	2412.00	-15.36	103.86	88.50	200.00	-111.50	Average	383	135	P
4	2412.00	-15.36	107.69	92.33	200.00	-107.67	Peak	383	135	P
5	4824.00	-7.20	54.08	46.88	54.00	-7.12	Average	106	170	P
6	4824.00	-7.20	57.04	49.84	74.00	-24.16	Peak	106	170	P

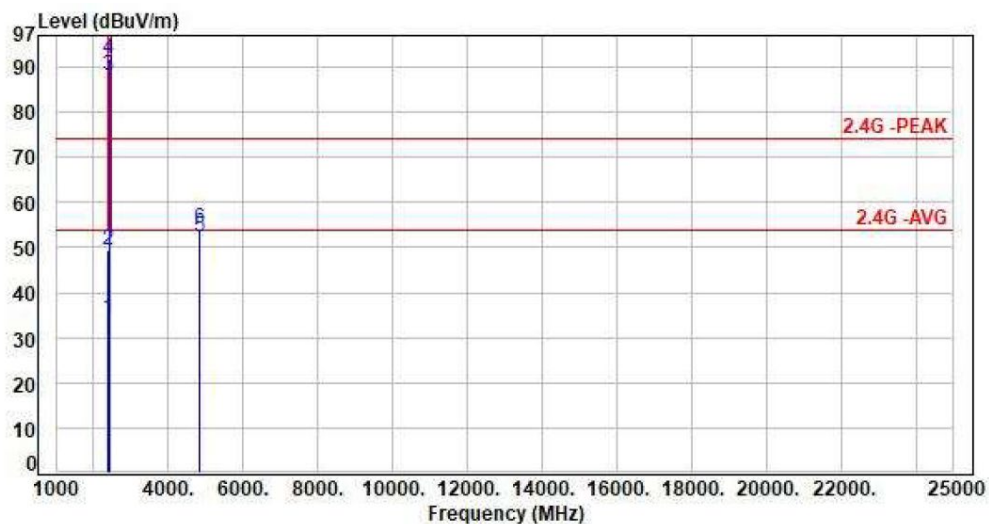
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, CH01			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	49.73	34.44	54.00	-19.56	Average	256	263	P
2	2390.00	-15.29	64.65	49.36	74.00	-24.64	Peak	256	263	P
3	2412.00	-15.36	103.46	88.10	200.00	-111.90	Average	256	263	P
4	2412.00	-15.36	107.21	91.85	200.00	-108.15	Peak	256	263	P
5	4824.00	-7.20	59.51	52.31	54.00	-1.69	Average	100	340	P
6	4824.00	-7.20	61.42	54.22	74.00	-19.78	Peak	100	340	P

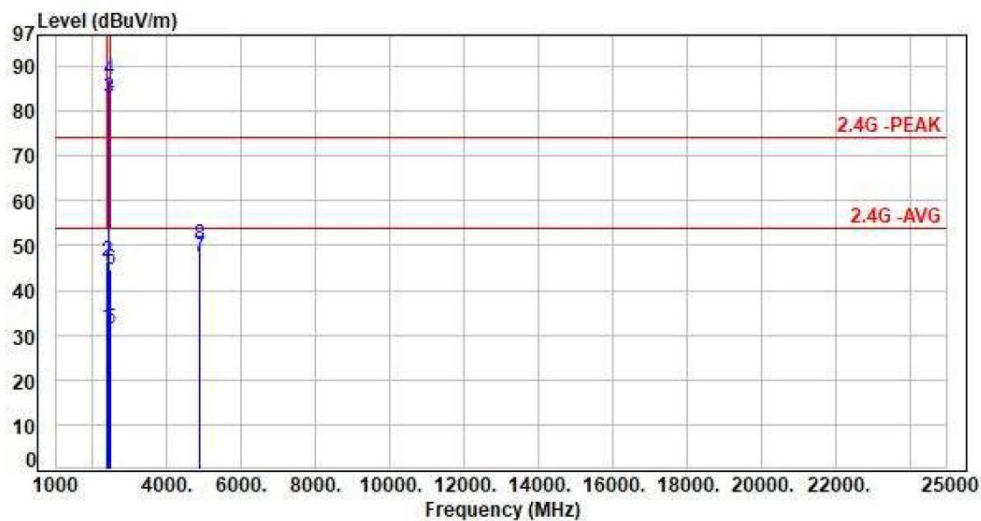
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, CH06			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	47.18	31.89	54.00	-22.11	Average	100	165	P
2	2390.00	-15.29	61.92	46.63	74.00	-27.37	Peak	100	165	P
3	2437.00	-15.43	98.56	83.13	200.00	-116.87	Average	100	165	P
4	2437.00	-15.43	102.44	87.01	200.00	-112.99	Peak	100	165	P
5	2483.50	-15.35	46.76	31.41	54.00	-22.59	Average	100	165	P
6	2483.50	-15.35	60.02	44.67	74.00	-29.33	Peak	100	165	P
7	4874.00	-7.04	54.52	47.48	54.00	-6.52	Average	387	69	P
8	4874.00	-7.04	57.12	50.08	74.00	-23.92	Peak	387	69	P

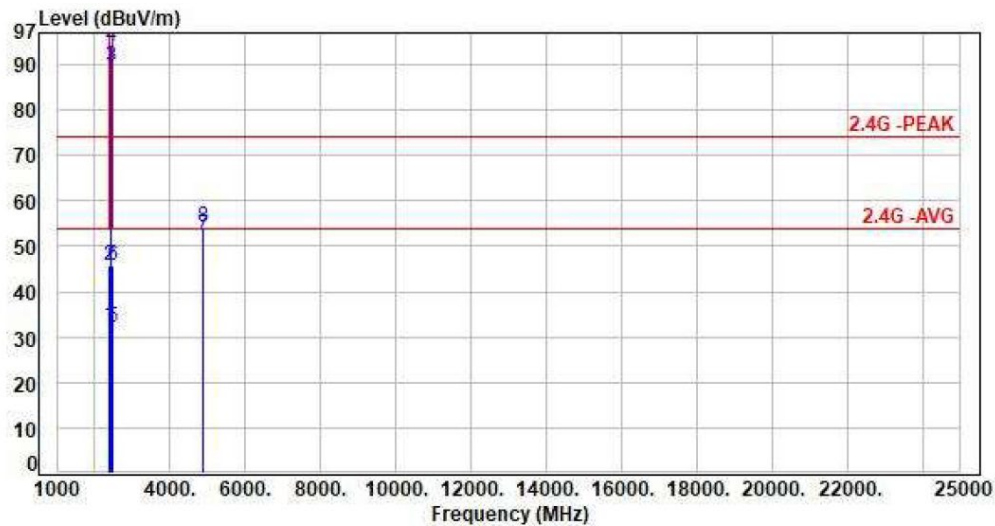
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, CH06			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	47.66	32.37	54.00	-21.63	Average	117	257	P
2	2390.00	-15.29	60.95	45.66	74.00	-28.34	Peak	117	257	P
3	2437.00	-15.43	105.09	89.66	200.00	-110.34	Average	117	257	P
4	2437.00	-15.43	109.35	93.92	200.00	-106.08	Peak	117	257	P
5	2483.50	-15.35	47.27	31.92	54.00	-22.08	Average	117	257	P
6	2483.50	-15.35	60.96	45.61	74.00	-28.39	Peak	117	257	P
7	4874.00	-7.04	59.44	52.40	54.00	-1.60	Average	100	345	P
8	4874.00	-7.04	61.13	54.09	74.00	-19.91	Peak	100	345	P

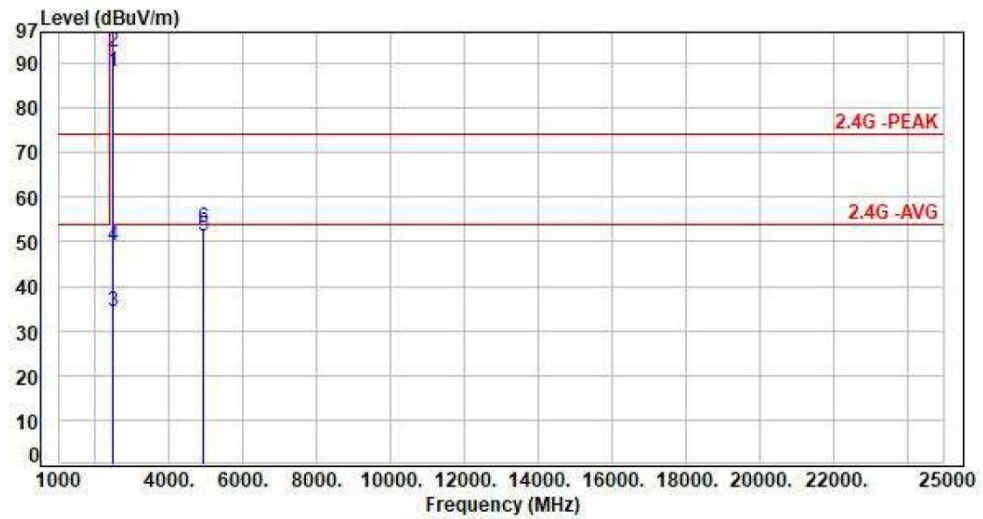
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, CH11			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-15.43	103.68	88.25	200.00	-111.75	Average	320	122	P
2	2462.00	-15.43	107.88	92.45	200.00	-107.55	Peak	320	122	P
3	2483.50	-15.35	49.62	34.27	54.00	-19.73	Average	320	122	P
4	2483.50	-15.35	64.24	48.89	74.00	-25.11	Peak	320	122	P
5	4924.00	-6.74	58.05	51.31	54.00	-2.69	Average	400	75	P
6	4924.00	-6.74	59.99	53.25	74.00	-20.75	Peak	400	75	P

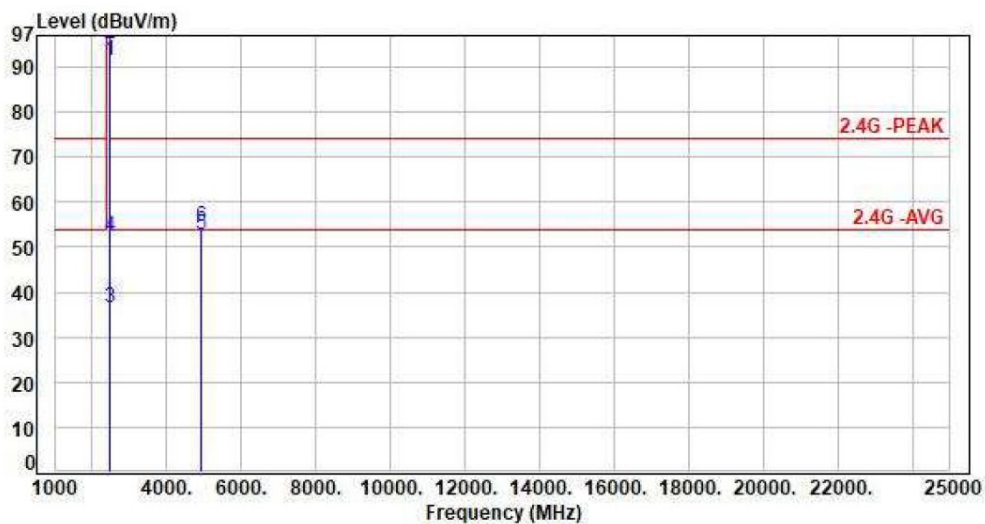
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, CH11			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-15.43	106.87	91.44	200.00	-108.56	Average	355	273	P
2	2462.00	-15.43	110.58	95.15	200.00	-104.85	Peak	355	273	P
3	2483.50	-15.35	51.80	36.45	54.00	-17.55	Average	355	273	P
4	2483.50	-15.35	67.86	52.51	74.00	-21.49	Peak	355	273	P
5	4924.00	-6.74	59.33	52.59	54.00	-1.41	Average	100	346	P
6	4924.00	-6.74	61.16	54.42	74.00	-19.58	Peak	100	346	P

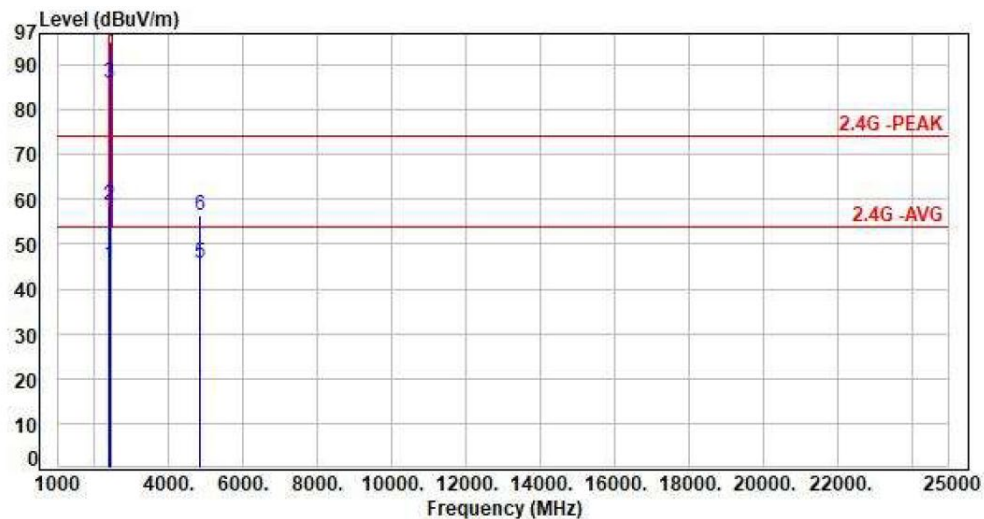
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 2, CH01			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	60.66	45.37	54.00	-8.63	Average	104	166	P
2	2390.00	-15.29	73.82	58.53	74.00	-15.47	Peak	104	166	P
3	2412.00	-15.36	101.46	86.10	200.00	-113.90	Average	104	166	P
4	2412.00	-15.36	110.38	95.02	200.00	-104.98	Peak	104	166	P
5	4824.00	-7.20	53.04	45.84	54.00	-8.16	Average	373	99	P
6	4824.00	-7.20	63.73	56.53	74.00	-17.47	Peak	373	99	P

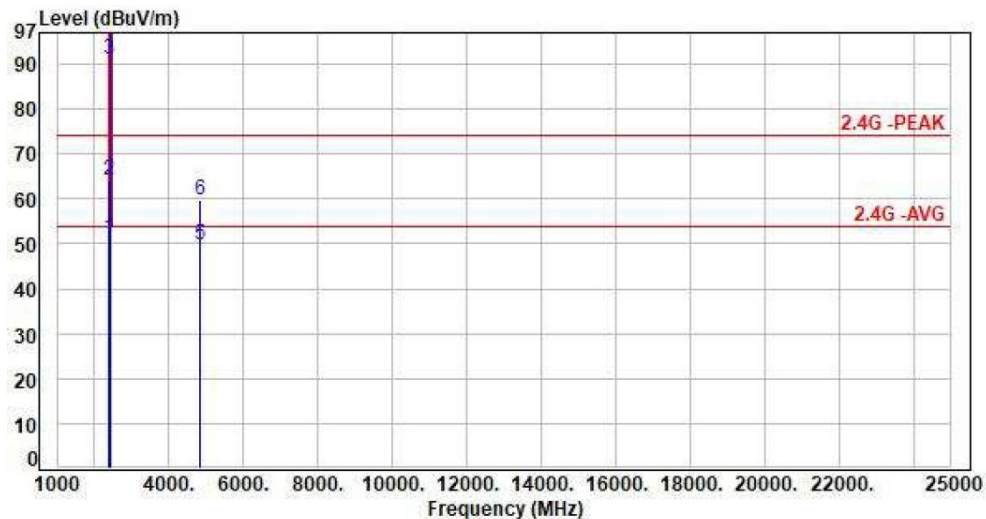
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 2, CH01			

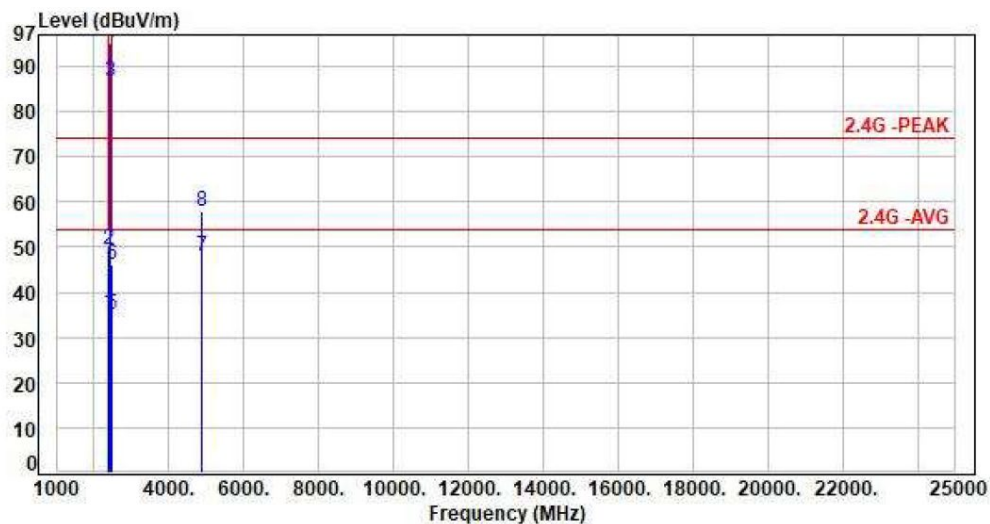


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	66.63	51.34	54.00	-2.66	Average	100	91	P
2	2390.00	-15.29	79.44	64.15	74.00	-9.85	Peak	100	91	P
3	2412.00	-15.36	106.62	91.26	200.00	-108.74	Average	100	91	P
4	2412.00	-15.36	115.52	100.16	200.00	-99.84	Peak	100	91	P
5	4824.00	-7.20	56.91	49.71	54.00	-4.29	Average	100	302	P
6	4824.00	-7.20	67.06	59.86	74.00	-14.14	Peak	100	302	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 2, CH06			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	50.86	35.57	54.00	-18.43	Average	100	164	P
2	2390.00	-15.29	64.64	49.35	74.00	-24.65	Peak	100	164	P
3	2437.00	-15.43	102.21	86.78	200.00	-113.22	Average	100	164	P
4	2437.00	-15.43	110.53	95.10	200.00	-104.90	Peak	100	164	P
5	2483.50	-15.35	50.44	35.09	54.00	-18.91	Average	100	164	P
6	2483.50	-15.35	61.35	46.00	74.00	-28.00	Peak	100	164	P
7	4874.00	-7.04	54.92	47.88	54.00	-6.12	Average	385	99	P
8	4874.00	-7.04	65.08	58.04	74.00	-15.96	Peak	385	99	P

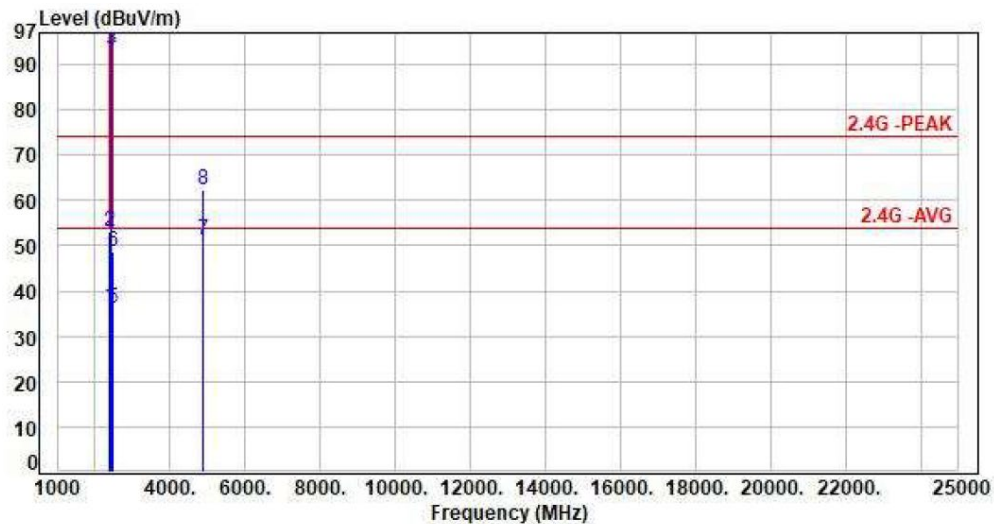
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 2, CH06			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	51.94	36.65	54.00	-17.35	Average	116	257	P
2	2390.00	-15.29	68.28	52.99	74.00	-21.01	Peak	116	257	P
3	2437.00	-15.43	108.73	93.30	200.00	-106.70	Average	116	257	P
4	2437.00	-15.43	117.40	101.97	200.00	-98.03	Peak	116	257	P
5	2483.50	-15.35	51.68	36.33	54.00	-17.67	Average	116	257	P
6	2483.50	-15.35	64.14	48.79	74.00	-25.21	Peak	116	257	P
7	4874.00	-7.04	58.35	51.31	54.00	-2.69	Average	100	344	P
8	4874.00	-7.04	69.24	62.20	74.00	-11.80	Peak	100	344	P

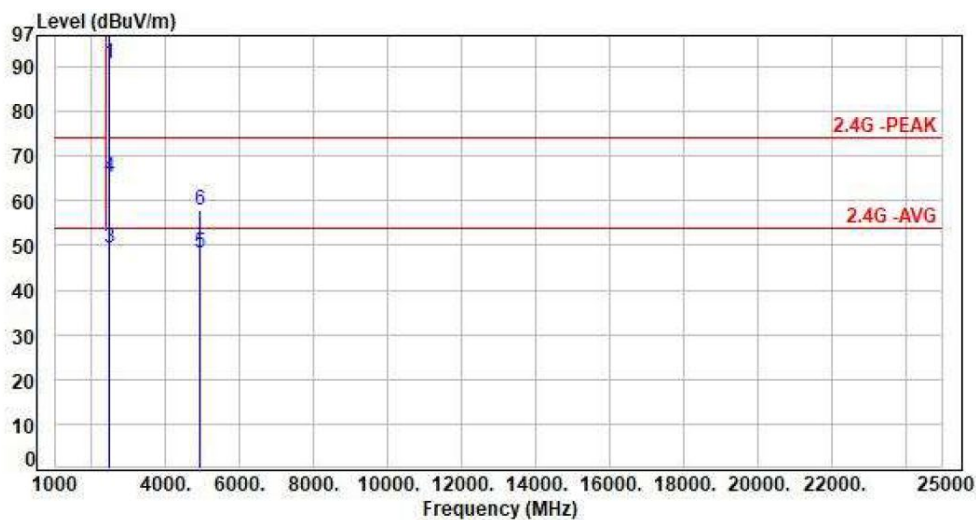
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 2, CH11			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-15.43	106.02	90.59	200.00	-109.41	Average	319	123	P
2	2462.00	-15.43	114.23	98.80	200.00	-101.20	Peak	319	123	P
3	2483.50	-15.35	64.73	49.38	54.00	-4.62	Average	319	123	P
4	2483.50	-15.35	80.67	65.32	74.00	-8.68	Peak	319	123	P
5	4924.00	-6.74	54.94	48.20	54.00	-5.80	Average	379	78	P
6	4924.00	-6.74	64.69	57.95	74.00	-16.05	Peak	379	78	P

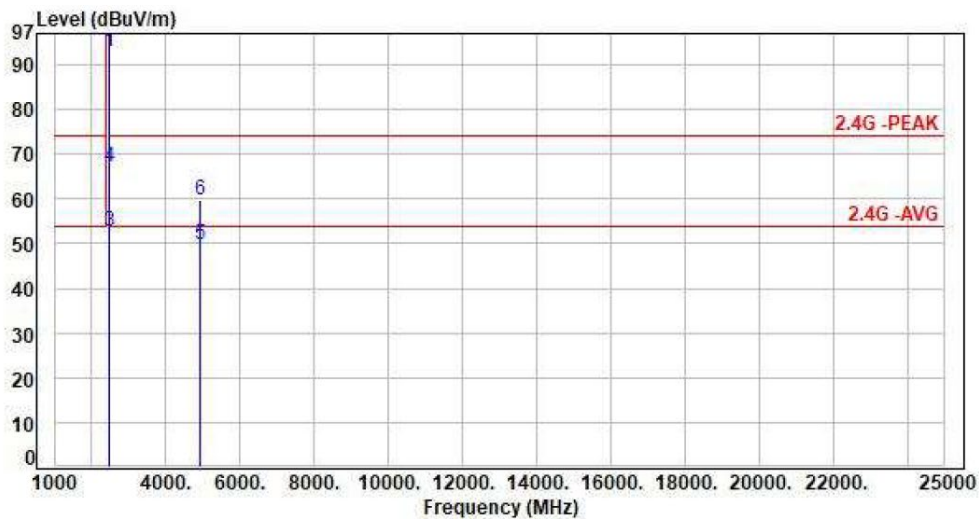
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 2, CH11			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-15.43	108.41	92.98	200.00	-107.02	Average	114	217	P
2	2462.00	-15.43	116.64	101.21	200.00	-98.79	Peak	114	217	P
3	2483.50	-15.35	67.95	52.60	54.00	-1.40	Average	114	217	P
4	2483.50	-15.35	82.47	67.12	74.00	-6.88	Peak	114	217	P
5	4924.00	-6.74	56.50	49.76	54.00	-4.24	Average	100	346	P
6	4924.00	-6.74	66.56	59.82	74.00	-14.18	Peak	100	346	P

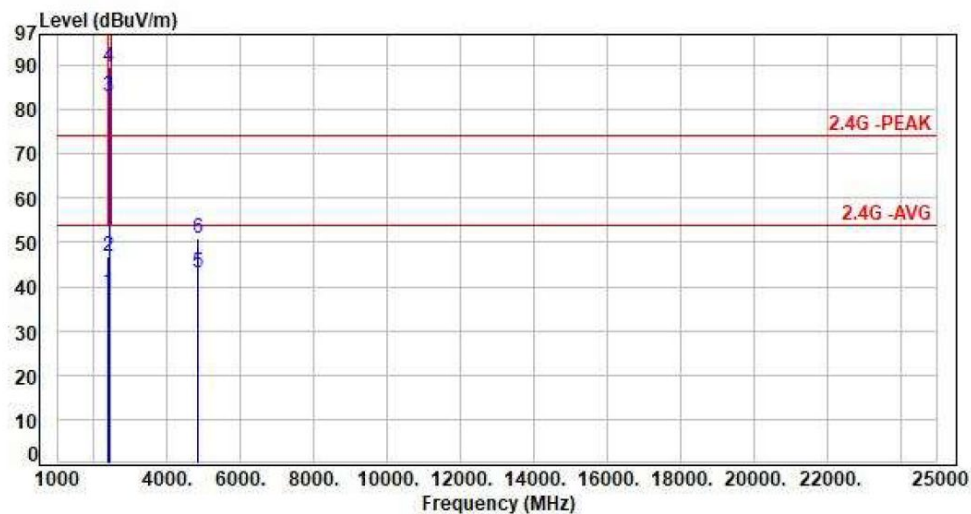
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 3, CH01			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	54.01	38.72	54.00	-15.28	Average	100	163	P
2	2390.00	-15.29	62.17	46.88	74.00	-27.12	Peak	100	163	P
3	2412.00	-15.36	98.44	83.08	200.00	-116.92	Average	100	163	P
4	2412.00	-15.36	105.07	89.71	200.00	-110.29	Peak	100	163	P
5	4824.00	-7.20	50.32	43.12	54.00	-10.88	Average	331	101	P
6	4824.00	-7.20	58.22	51.02	74.00	-22.98	Peak	331	101	P

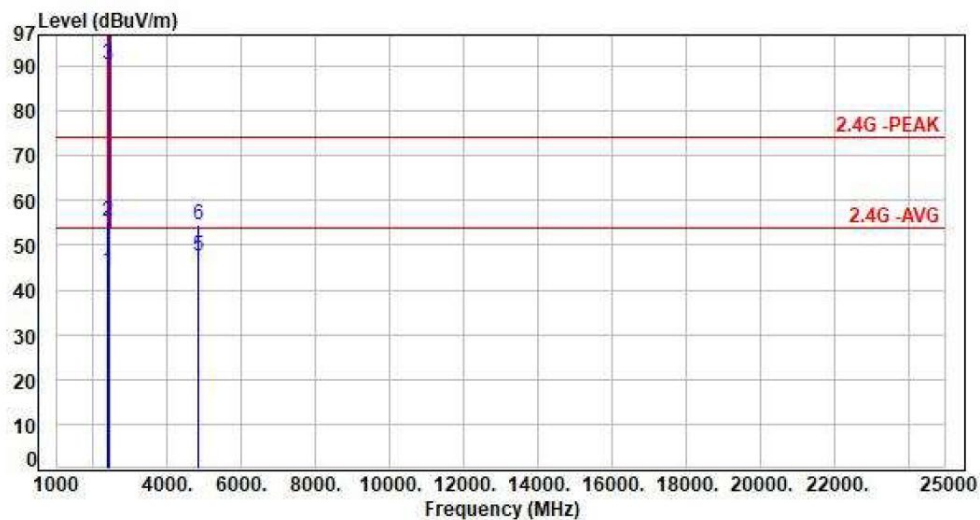
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 3, CH01			



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	59.65	44.36	54.00	-9.64	Average	128	220	P
2	2390.00	-15.29	70.45	55.16	74.00	-18.84	Peak	128	220	P
3	2412.00	-15.36	105.86	90.50	200.00	-109.50	Average	128	220	P
4	2412.00	-15.36	112.96	97.60	200.00	-102.40	Peak	128	220	P
5	4824.00	-7.20	54.63	47.43	54.00	-6.57	Average	100	302	P
6	4824.00	-7.20	61.94	54.74	74.00	-19.26	Peak	100	302	P

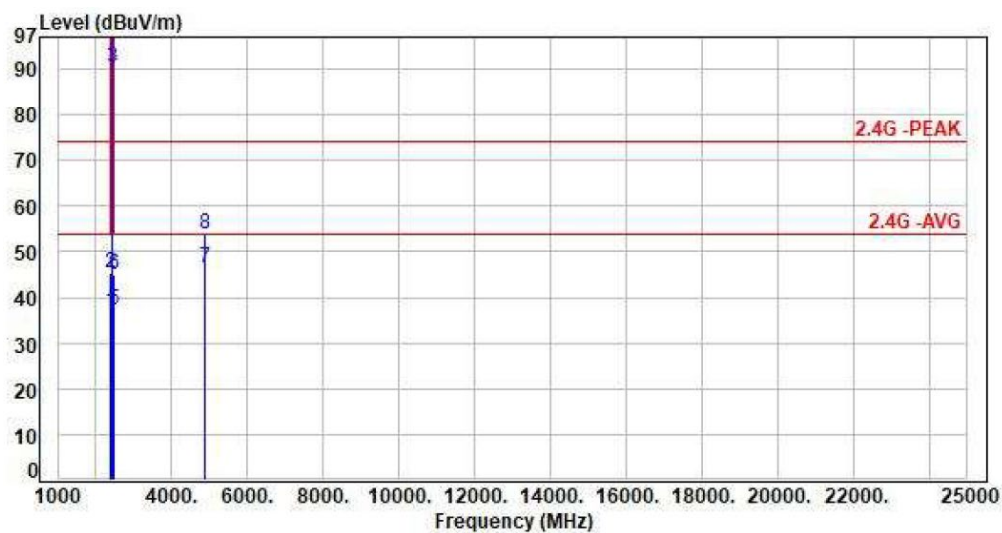
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 3, CH06			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	52.35	37.06	54.00	-16.94	Average	364	99	P
2	2390.00	-15.29	60.74	45.45	74.00	-28.55	Peak	364	99	P
3	2437.00	-15.43	105.67	90.24	200.00	-109.76	Average	364	99	P
4	2437.00	-15.43	112.73	97.30	200.00	-102.70	Peak	364	99	P
5	2483.50	-15.35	52.53	37.18	54.00	-16.82	Average	364	99	P
6	2483.50	-15.35	60.53	45.18	74.00	-28.82	Peak	364	99	P
7	4874.00	-7.04	53.41	46.37	54.00	-7.63	Average	400	81	P
8	4874.00	-7.04	60.82	53.78	74.00	-20.22	Peak	400	81	P

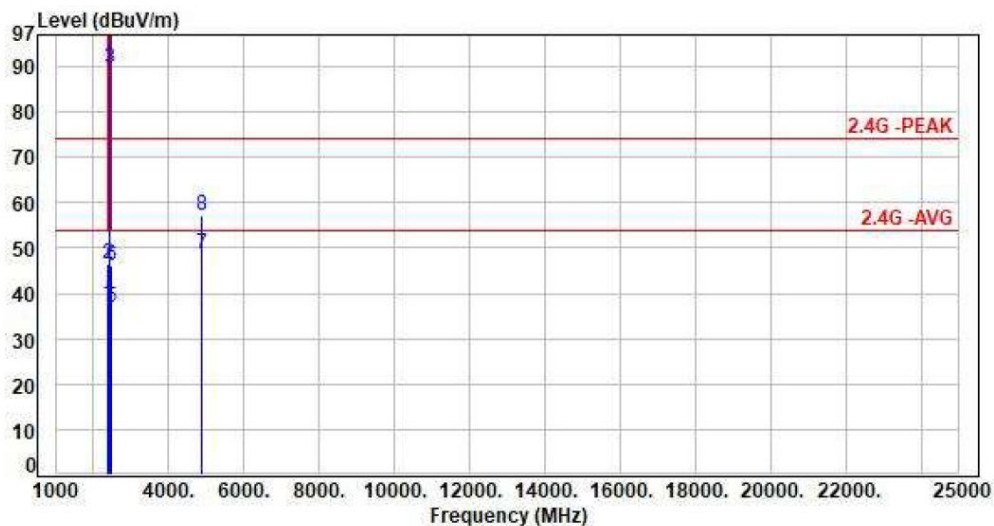
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 3, CH06			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	52.85	37.56	54.00	-16.44	Average	173	259	P
2	2390.00	-15.29	61.79	46.50	74.00	-27.50	Peak	173	259	P
3	2437.00	-15.43	105.21	89.78	200.00	-110.22	Average	173	259	P
4	2437.00	-15.43	112.64	97.21	200.00	-102.79	Peak	173	259	P
5	2483.50	-15.35	52.12	36.77	54.00	-17.23	Average	173	259	P
6	2483.50	-15.35	61.38	46.03	74.00	-27.97	Peak	173	259	P
7	4874.00	-7.04	55.83	48.79	54.00	-5.21	Average	100	31	P
8	4874.00	-7.04	64.06	57.02	74.00	-16.98	Peak	100	31	P

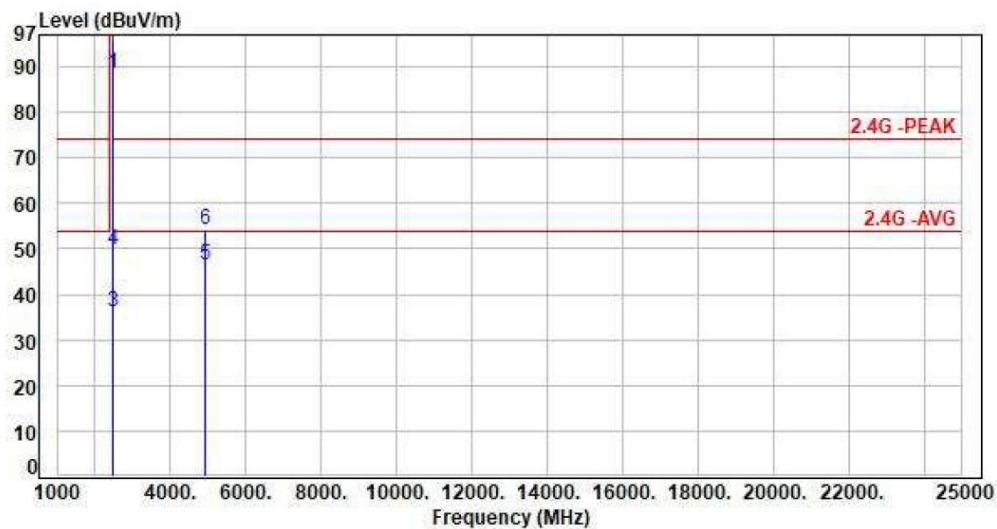
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 3, CH11			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-15.43	104.03	88.60	200.00	-111.40	Average	400	122	P
2	2462.00	-15.43	111.14	95.71	200.00	-104.29	Peak	400	122	P
3	2483.50	-15.35	51.44	36.09	54.00	-17.91	Average	400	122	P
4	2483.50	-15.35	65.13	49.78	74.00	-24.22	Peak	400	122	P
5	4924.00	-6.74	53.32	46.58	54.00	-7.42	Average	393	65	P
6	4924.00	-6.74	60.88	54.14	74.00	-19.86	Peak	393	65	P

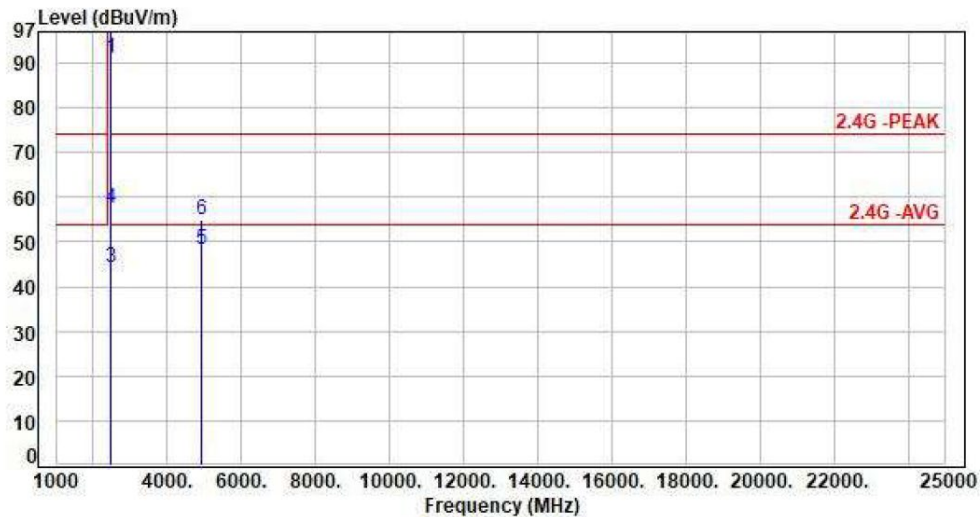
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 3, CH11			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-15.43	106.58	91.15	200.00	-108.85	Average	248	259	P
2	2462.00	-15.43	114.69	99.26	200.00	-100.74	Peak	248	259	P
3	2483.50	-15.35	59.62	44.27	54.00	-9.73	Average	248	259	P
4	2483.50	-15.35	72.75	57.40	74.00	-16.60	Peak	248	259	P
5	4924.00	-6.74	54.95	48.21	54.00	-5.79	Average	100	26	P
6	4924.00	-6.74	61.75	55.01	74.00	-18.99	Peak	100	26	P

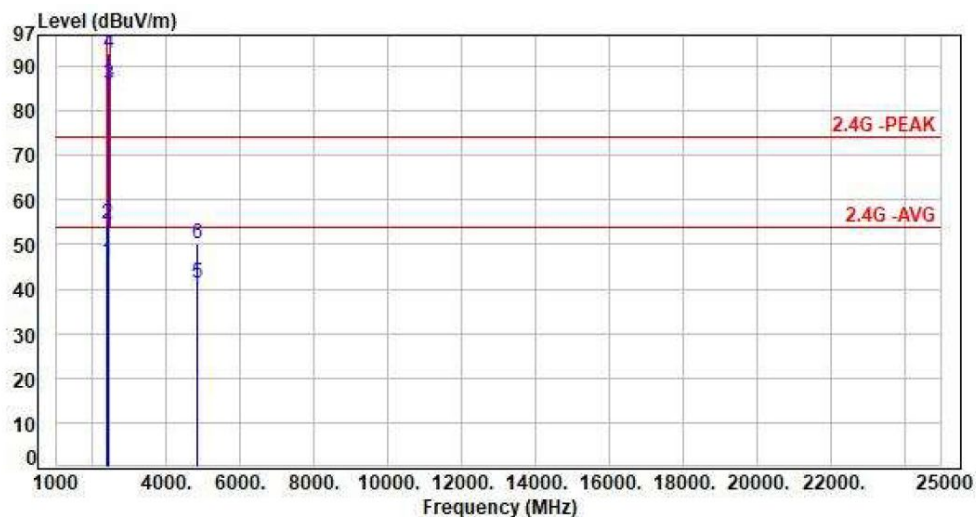
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, CH03			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	61.45	46.16	54.00	-7.84	Average	364	118	P
2	2390.00	-15.29	70.02	54.73	74.00	-19.27	Peak	364	118	P
3	2422.00	-15.39	101.16	85.77	200.00	-114.23	Average	364	118	P
4	2422.00	-15.39	108.44	93.05	200.00	-106.95	Peak	364	118	P
5	4844.00	-7.17	48.53	41.36	54.00	-12.64	Average	384	64	P
6	4844.00	-7.17	57.29	50.12	74.00	-23.88	Peak	384	64	P

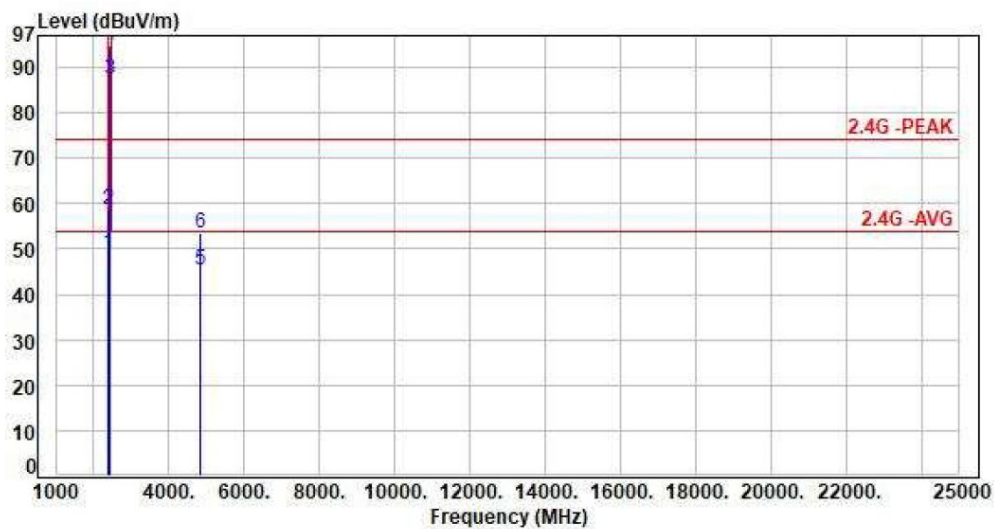
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, CH03			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	64.53	49.24	54.00	-4.76	Average	150	241	P
2	2390.00	-15.29	74.01	58.72	74.00	-15.28	Peak	150	241	P
3	2422.00	-15.39	102.65	87.26	200.00	-112.74	Average	150	241	P
4	2422.00	-15.39	110.21	94.82	200.00	-105.18	Peak	150	241	P
5	4844.00	-7.17	52.70	45.53	54.00	-8.47	Average	100	28	P
6	4844.00	-7.17	60.75	53.58	74.00	-20.42	Peak	100	28	P

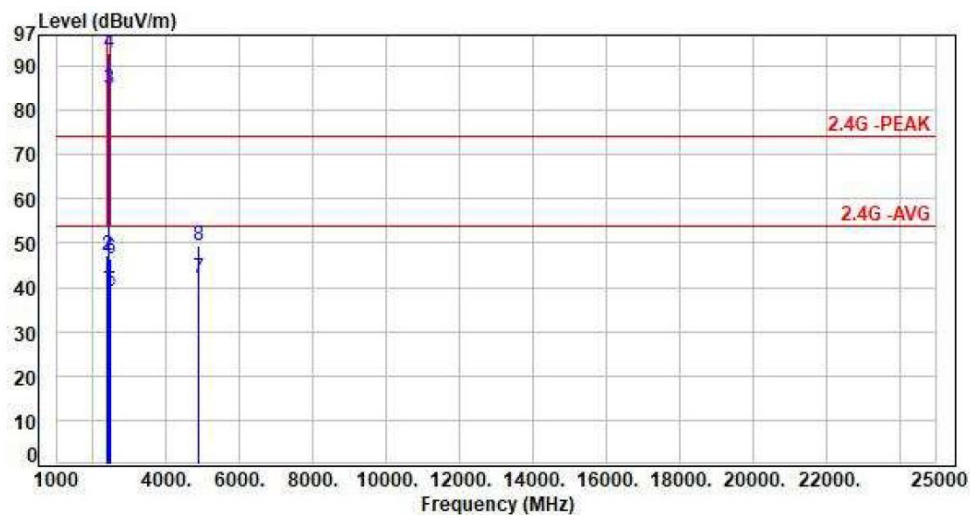
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, CH06			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	54.96	39.67	54.00	-14.33	Average	365	119	P
2	2390.00	-15.29	62.47	47.18	74.00	-26.82	Peak	365	119	P
3	2437.00	-15.43	100.39	84.96	200.00	-115.04	Average	365	119	P
4	2437.00	-15.43	108.27	92.84	200.00	-107.16	Peak	365	119	P
5	2483.50	-15.35	54.37	39.02	54.00	-14.98	Average	365	119	P
6	2483.50	-15.35	61.90	46.55	74.00	-27.45	Peak	365	119	P
7	4874.00	-7.04	49.06	42.02	54.00	-11.98	Average	380	62	P
8	4874.00	-7.04	56.38	49.34	74.00	-24.66	Peak	380	62	P

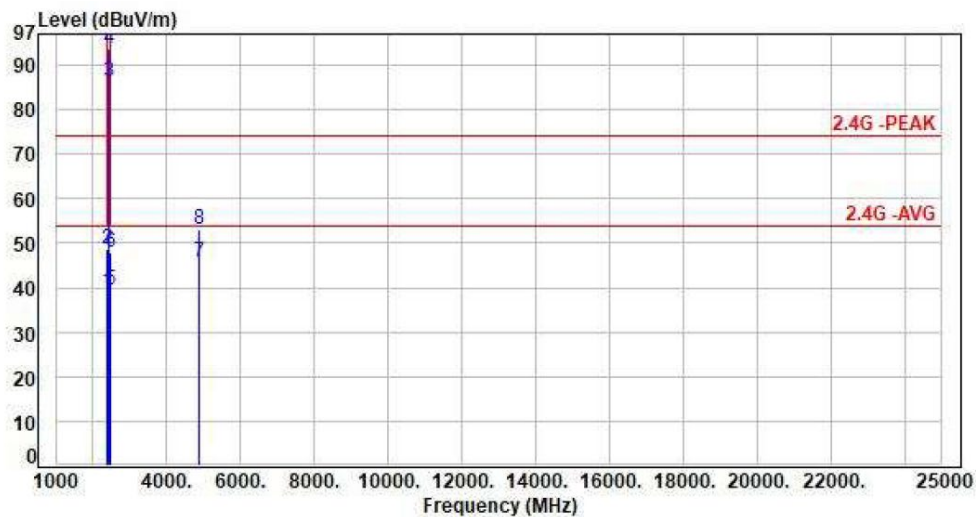
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, CH06			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-15.29	54.37	39.08	54.00	-14.92	Average	146	257	P
2	2390.00	-15.29	63.98	48.69	74.00	-25.31	Peak	146	257	P
3	2437.00	-15.43	101.69	86.26	200.00	-113.74	Average	146	257	P
4	2437.00	-15.43	109.05	93.62	200.00	-106.38	Peak	146	257	P
5	2483.50	-15.35	54.86	39.51	54.00	-14.49	Average	146	257	P
6	2483.50	-15.35	63.16	47.81	74.00	-26.19	Peak	146	257	P
7	4874.00	-7.04	52.60	45.56	54.00	-8.44	Average	100	29	P
8	4874.00	-7.04	60.18	53.14	74.00	-20.86	Peak	100	29	P

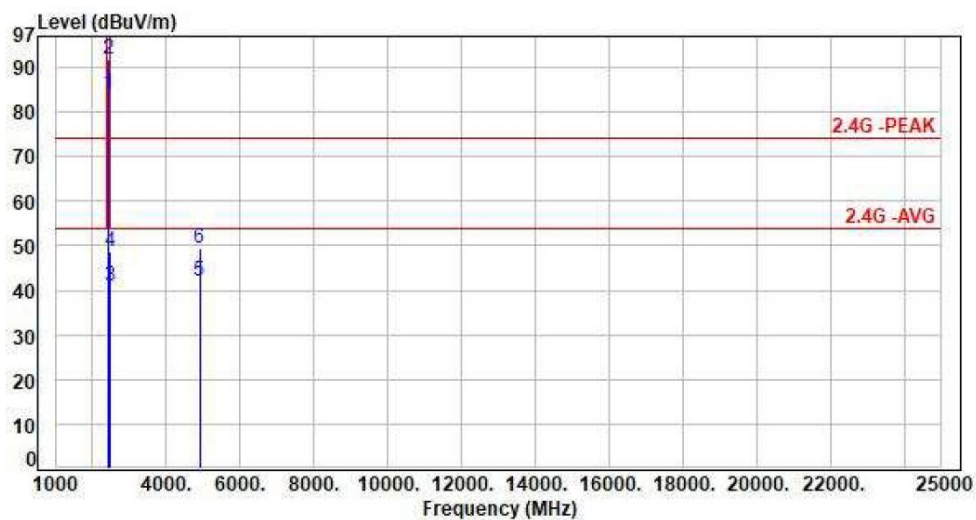
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, CH09			



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2452.00	-15.46	99.49	84.03	200.00	-115.97	Average	358	121	P
2	2452.00	-15.46	107.39	91.93	200.00	-108.07	Peak	358	121	P
3	2483.50	-15.35	56.46	41.11	54.00	-12.89	Average	358	121	P
4	2483.50	-15.35	64.03	48.68	74.00	-25.32	Peak	358	121	P
5	4904.00	-6.88	48.98	42.10	54.00	-11.90	Average	372	62	P
6	4904.00	-6.88	56.37	49.49	74.00	-24.51	Peak	372	62	P

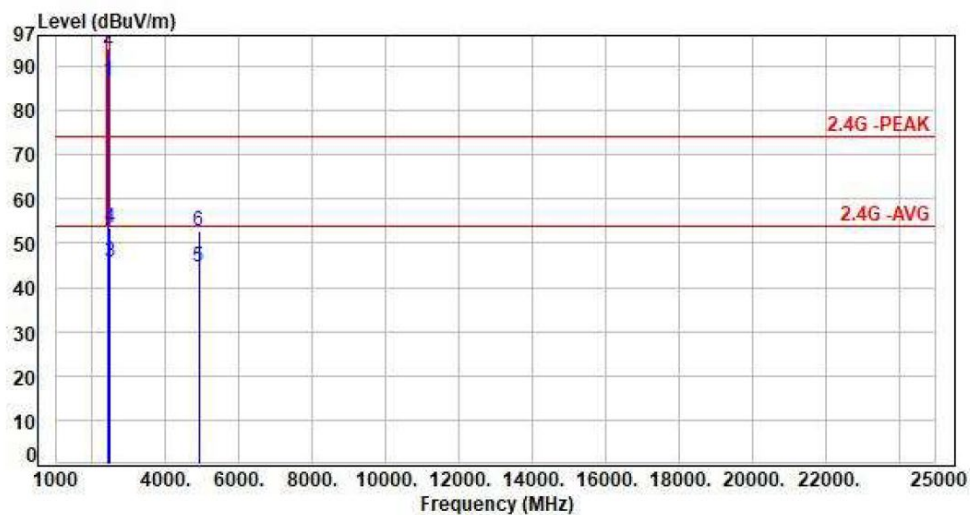
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, CH09			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2452.00	-15.46	102.14	86.68	200.00	-113.32	Average	162	255	P
2	2452.00	-15.46	109.52	94.06	200.00	-105.94	Peak	162	255	P
3	2483.50	-15.35	61.19	45.84	54.00	-8.16	Average	162	255	P
4	2483.50	-15.35	68.75	53.40	74.00	-20.60	Peak	162	255	P
5	4904.00	-6.88	51.66	44.78	54.00	-9.22	Average	100	27	P
6	4904.00	-6.88	59.73	52.85	74.00	-21.15	Peak	100	27	P

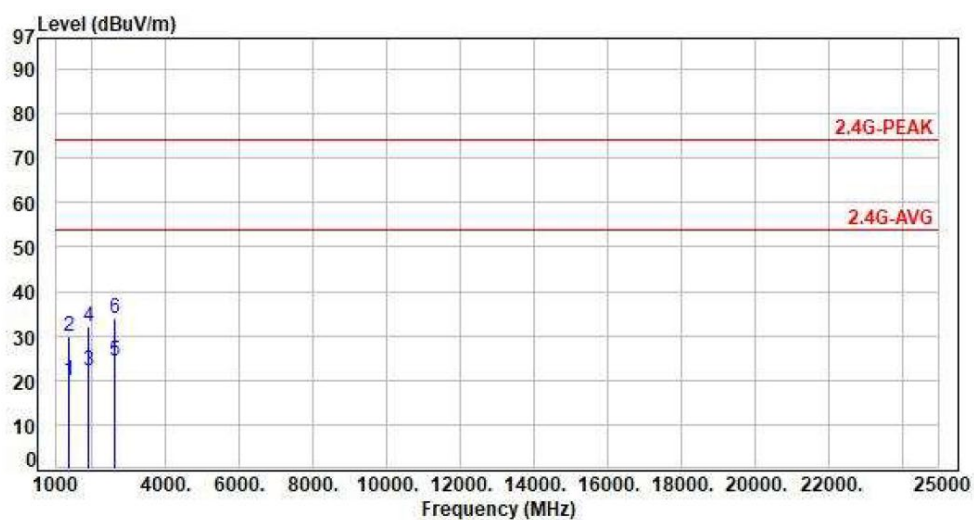
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, CH01			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1350.00	-18.74	38.76	20.02	54.00	-33.98	Average	100	244	P
2	1350.00	-18.74	48.57	29.83	74.00	-44.17	Peak	100	244	P
3	1900.00	-16.99	39.24	22.25	54.00	-31.75	Average	100	117	P
4	1900.00	-16.99	48.96	31.97	74.00	-42.03	Peak	100	117	P
5	2600.00	-14.68	38.98	24.30	54.00	-29.70	Average	100	184	P
6	2600.00	-14.68	48.66	33.98	74.00	-40.02	Peak	100	184	P

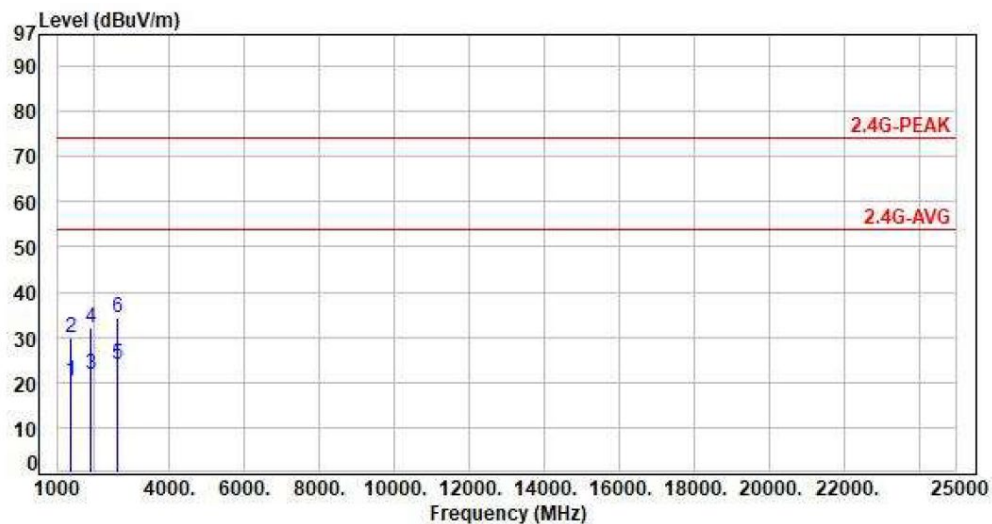
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, CH01			

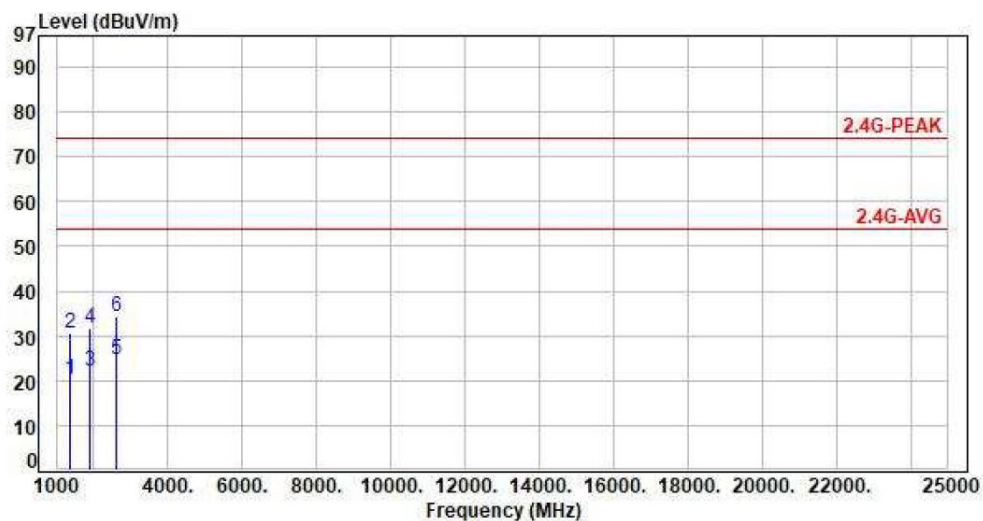


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1350.00	-18.74	39.16	20.42	54.00	-33.58	Average	100	168	P
2	1350.00	-18.74	48.77	30.03	74.00	-43.97	Peak	100	168	P
3	1900.00	-16.99	38.68	21.69	54.00	-32.31	Average	100	134	P
4	1900.00	-16.99	49.03	32.04	74.00	-41.96	Peak	100	134	P
5	2600.00	-14.68	38.73	24.05	54.00	-29.95	Average	100	297	P
6	2600.00	-14.68	48.84	34.16	74.00	-39.84	Peak	100	297	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, CH06			

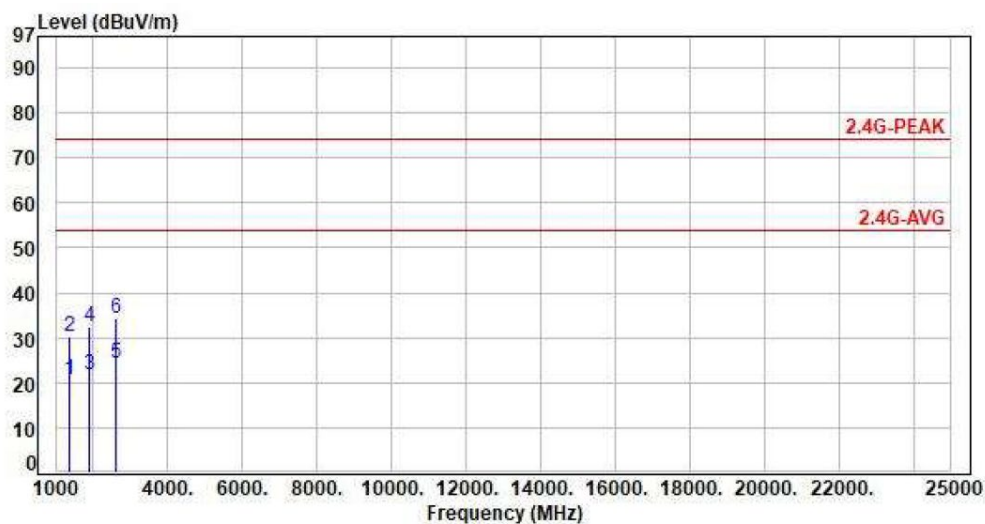


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1350.00	-18.74	39.14	20.40	54.00	-33.60	Average	100	247	P
2	1350.00	-18.74	49.28	30.54	74.00	-43.46	Peak	100	247	P
3	1900.00	-16.99	38.95	21.96	54.00	-32.04	Average	100	115	P
4	1900.00	-16.99	48.61	31.62	74.00	-42.38	Peak	100	115	P
5	2600.00	-14.68	39.26	24.58	54.00	-29.42	Average	100	183	P
6	2600.00	-14.68	48.88	34.20	74.00	-39.80	Peak	100	183	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, CH06			



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1350.00	-18.74	39.42	20.68	54.00	-33.32	Average	100	170	P
2	1350.00	-18.74	49.05	30.31	74.00	-43.69	Peak	100	170	P
3	1900.00	-16.99	38.81	21.82	54.00	-32.18	Average	100	137	P
4	1900.00	-16.99	49.61	32.62	74.00	-41.38	Peak	100	137	P
5	2600.00	-14.68	39.12	24.44	54.00	-29.56	Average	100	294	P
6	2600.00	-14.68	49.04	34.36	74.00	-39.64	Peak	100	294	P

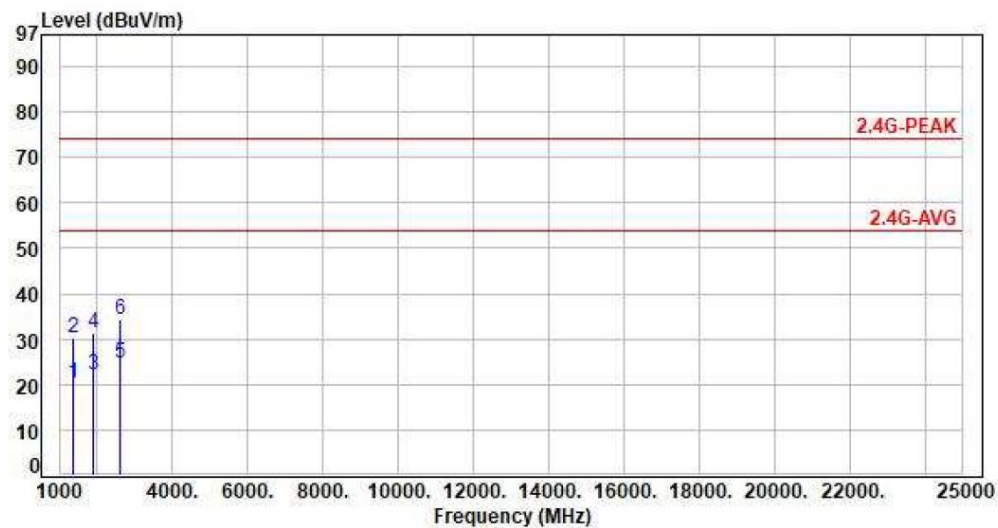
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, CH11			

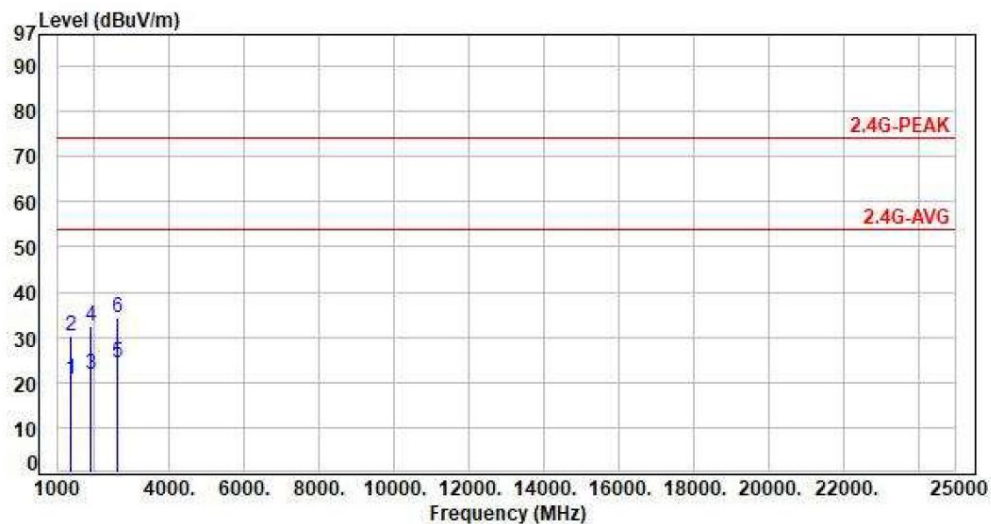


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth P/F (deg)
1	1350.00	-18.74	38.95	20.21	54.00	-33.79	Average	100	243 P
2	1350.00	-18.74	48.87	30.13	74.00	-43.87	Peak	100	243 P
3	1900.00	-16.99	38.94	21.95	54.00	-32.05	Average	100	114 P
4	1900.00	-16.99	48.51	31.52	74.00	-42.48	Peak	100	114 P
5	2600.00	-14.68	39.25	24.57	54.00	-29.43	Average	100	187 P
6	2600.00	-14.68	48.97	34.29	74.00	-39.71	Peak	100	187 P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	Form System (AC 110V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, CH11			

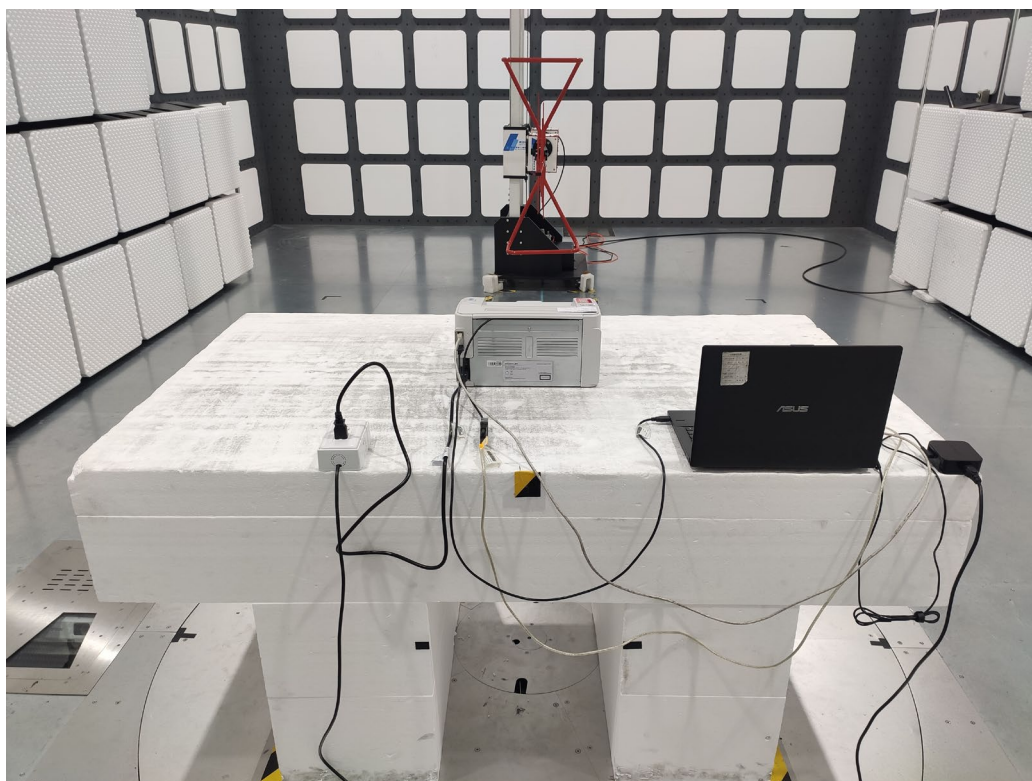
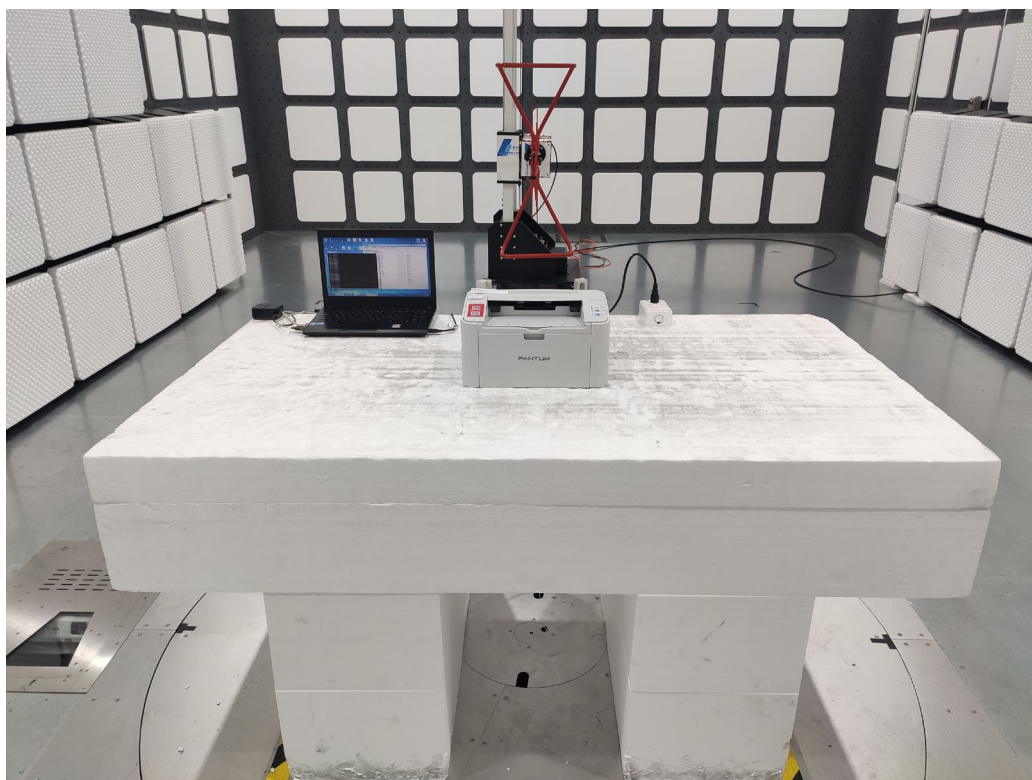


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1350.00	-18.74	39.42	20.68	54.00	-33.32	Average	100	166	P
2	1350.00	-18.74	49.08	30.34	74.00	-43.66	Peak	100	166	P
3	1900.00	-16.99	38.79	21.80	54.00	-32.20	Average	100	136	P
4	1900.00	-16.99	49.44	32.45	74.00	-41.55	Peak	100	136	P
5	2600.00	-14.68	38.92	24.24	54.00	-29.76	Average	100	293	P
6	2600.00	-14.68	49.14	34.46	74.00	-39.54	Peak	100	293	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

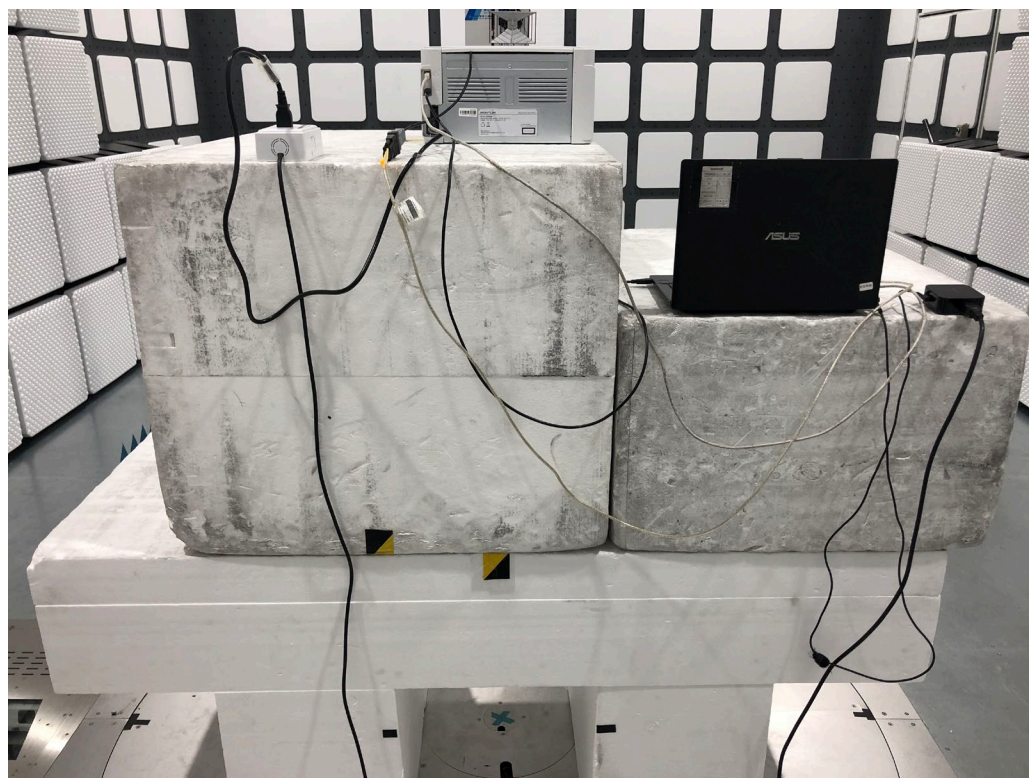
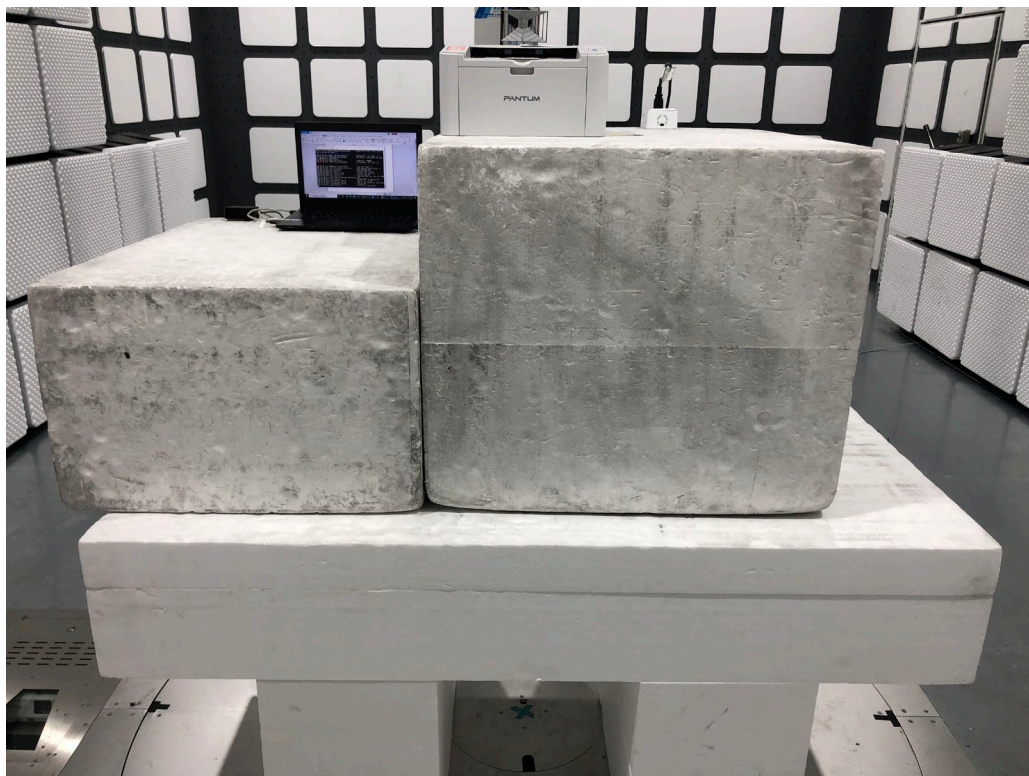


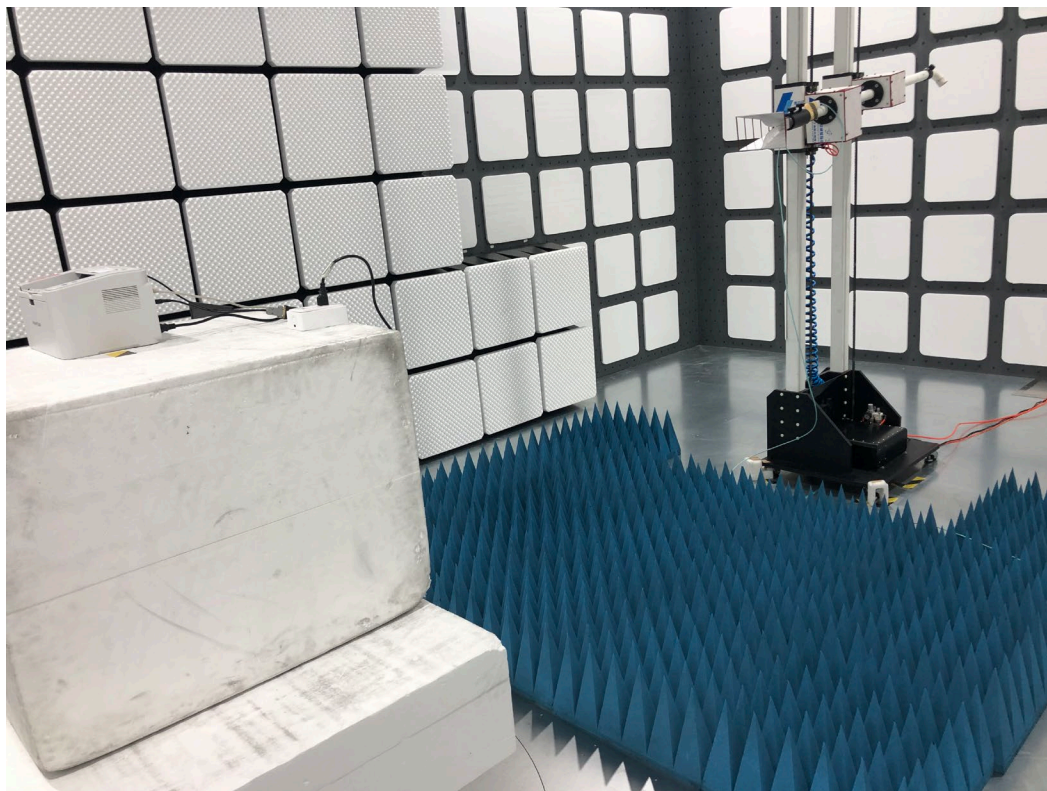
5.7. 輻射量測之配置照片(30MHz ~ 1GHz)





5.8. 輻射量測之配置照片 (1GHz ~ 25GHz)







6. On Time, Duty Cycle and Measurement methods

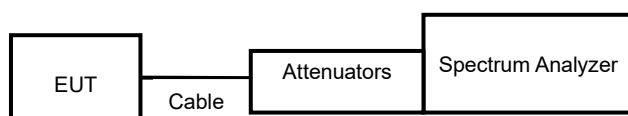
6.1. 適用標準

None; for reporting purposes only.

6.2. 測試方法

ANSI 63.10 第11.6節 Duty cycle zero-span mode Method.

6.3. 測試配置

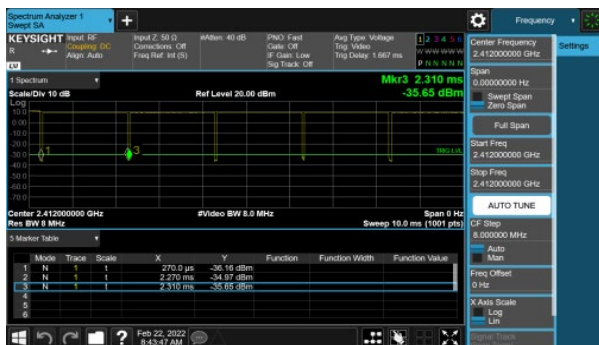


6.4. 測試結果及數據

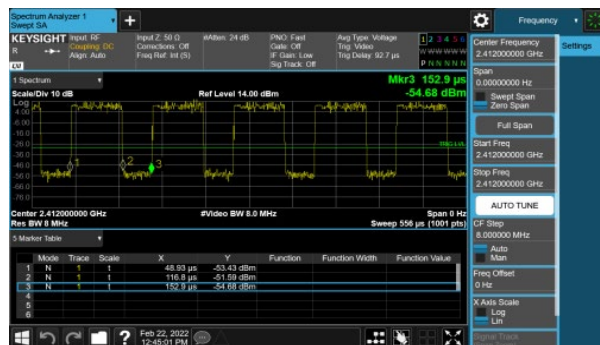
Modulation Type	On Time (msec)	Period Time (msec)	Duty Cycle (%)
802.11b	2.27	2.31	98.27%
802.11g	0.45	0.52	87.64%
802.11n HT20	0.12	0.15	76.39%
802.11n HT40	0.07	0.11	65.00%



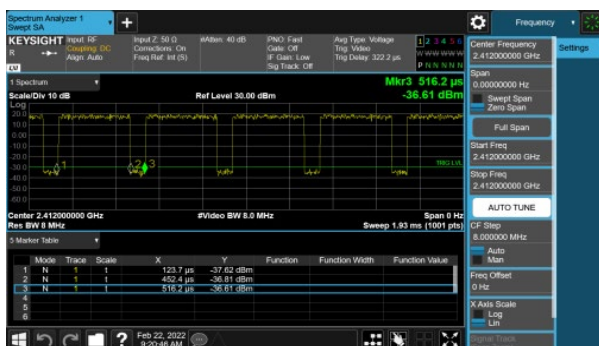
Modulation Type: 802.11b (1Mbps)



Modulation Type: 802.11n HT20 (6.5Mbps)



Modulation Type: 802.11g (6Mbps)



Modulation Type: 802.11n HT40 (13.5Mbps)





7. 6dB 頻寬之規定

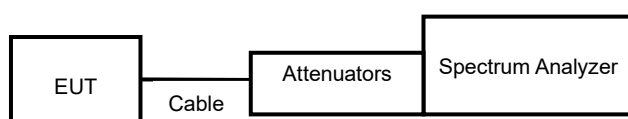
7.1.適用標準

對使用數位調變技術之低功率發射機，依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.6 節之(2)(A)規定，6dB 頻寬至少應有 500 kHz。

7.2.測試方法

- 將待測物和儀器相連接。
- 設定儀器解析頻寬 100KHz 和視訊頻寬為 300KHz。
- 量測峰值減去 6 dB 之頻寬並記錄於報告中。

7.3.測試配置





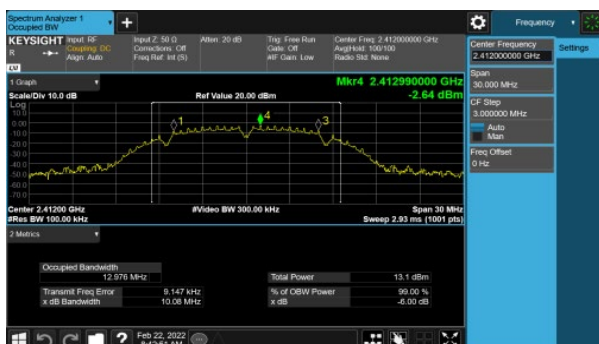
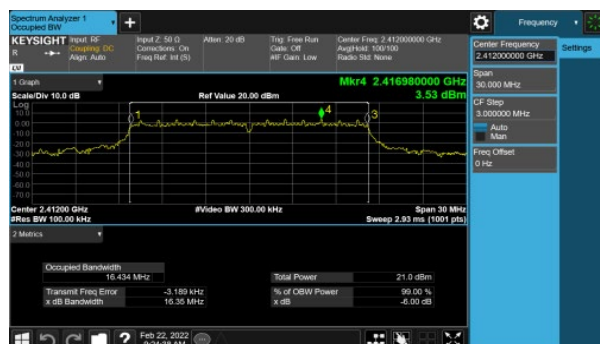
7.4. 6dB 頻寬之測試結果及數據

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11b	01	2412	10.08	0.5
	06	2437	10.07	0.5
	11	2462	10.07	0.5
11g	01	2412	16.35	0.5
	06	2437	16.34	0.5
	11	2462	16.34	0.5
11n HT20	01	2412	17.62	0.5
	06	2437	17.63	0.5
	11	2462	17.62	0.5
11n HT40	03	2422	35.78	0.5
	06	2437	36.03	0.5
	09	2452	35.71	0.5

備註：繪圖資料請參考下頁。

7.5. 結果判定

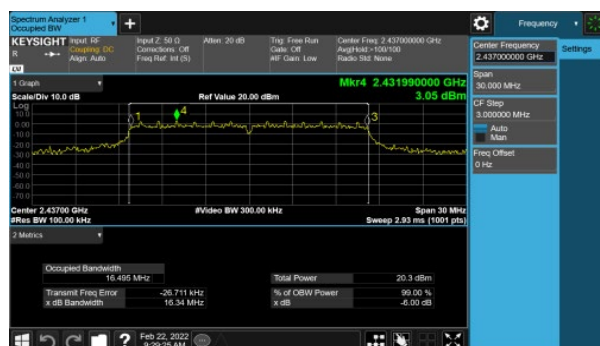
高、中、低頻段的 6dB 頻寬皆大於 500 KHz，合乎標準規定。

Modulation Type: 802.11b
CH01Modulation Type: 802.11g
CH01

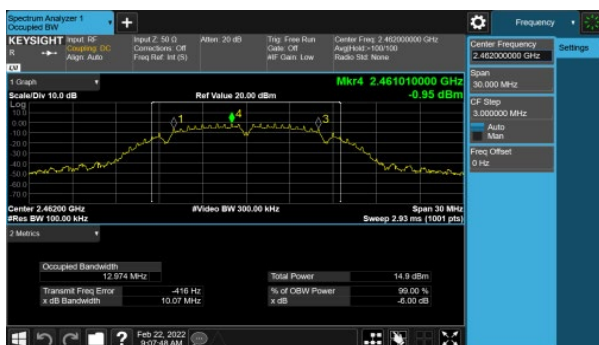
CH06



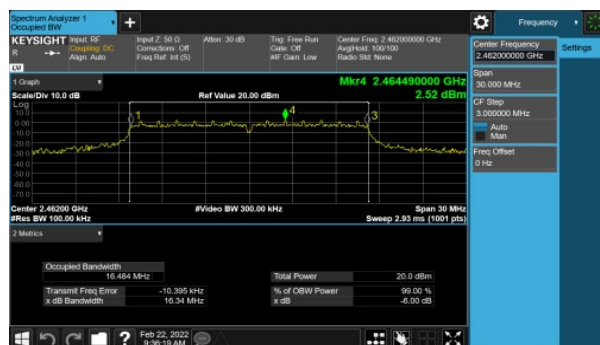
CH06

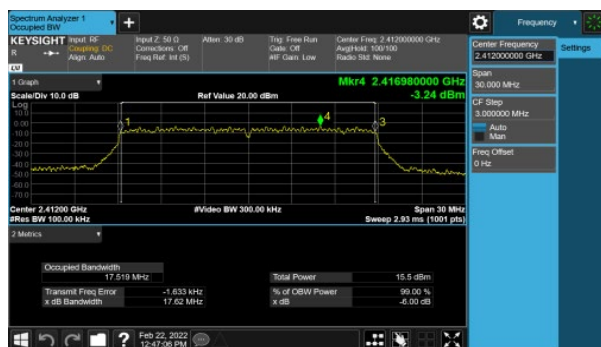
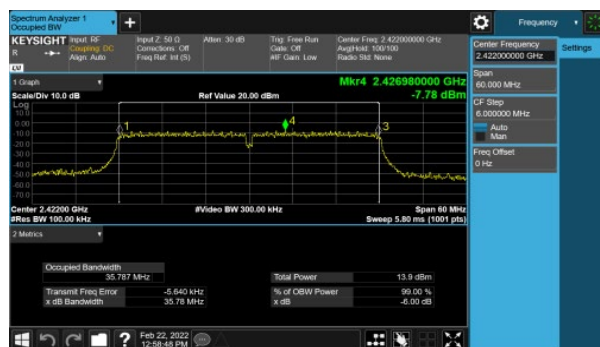


CH11

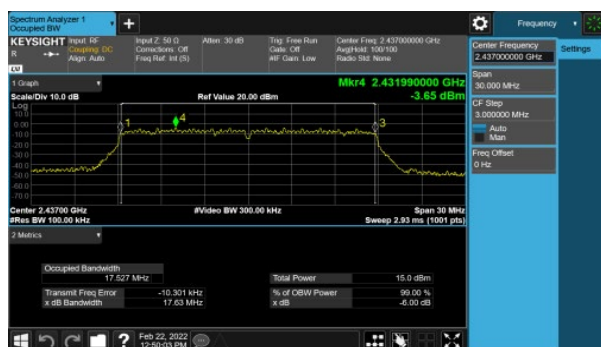


CH11

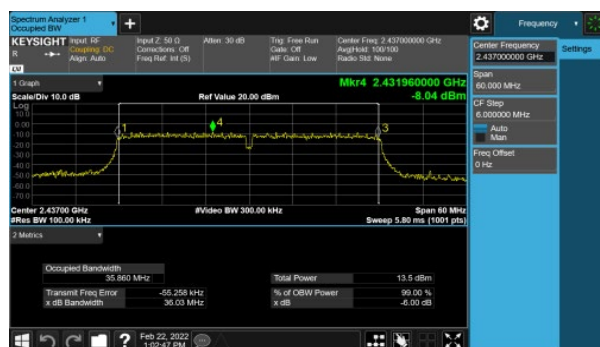


Modulation Type: 802.11n HT20
CH01Modulation Type: 802.11n HT40
CH03

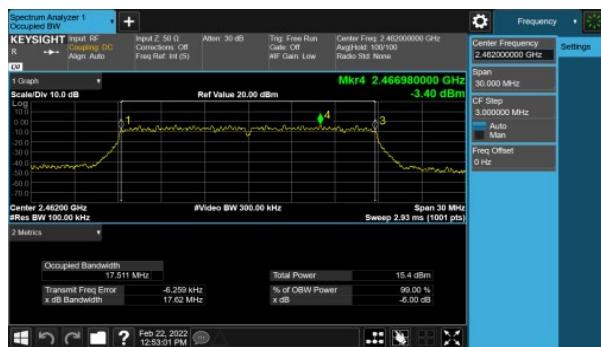
CH06



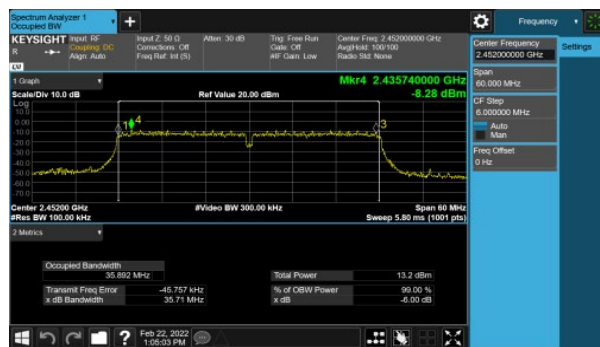
CH06



CH11



CH09





8. 峰值輸出功率之規定

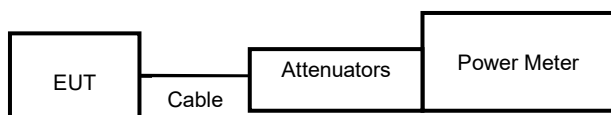
8.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.2 節(1)(C)之規定，對使用數位調變技術之低功率發射機，其輸出峰值功率不得大於 1 Watt，且其所使用天線之增益不可大於 6dBi，若使用大於 6dBi 增益之天線，則其輸出峰值功率相對需衰減天線增益所增加之量(單位為 dB)。放寬之條件請參考天線增益之要求。

8.2. 測試方法

- a. 將待測物和儀器相連接。
- b. 量測輸出功率並記錄於報告中。

8.3. 測試配置



**8.4. 峰值輸出功率之測試結果及數據**

Setting	Modulation Mode	Channel	Frequency (MHz)	Conducted (peak) output power (dBm)	Total PK power (dBm)	Total PK power (mW)	Power Limit (dBm)
				ANT A			
-9	11b	1	2412	13.55	13.55	22.646	30.00
-8		6	2437	13.52	13.52	22.491	30.00
-6		11	2462	14.96	14.96	31.333	30.00
9	11g	1	2412	23.02	23.02	200.447	30.00
13		6	2437	22.98	23.19	198.609	30.00
11		11	2462	23.19	22.98	208.449	30.00
13	11n HT20	1	2412	19.45	19.45	88.105	30.00
13		6	2437	18.95	18.95	78.524	30.00
13		11	2462	19.70	19.70	93.325	30.00
13	11n HT40	3	2422	18.10	18.10	64.565	30.00
13		6	2437	17.30	17.30	53.703	30.00
13		9	2452	17.25	17.25	53.088	30.00

8.5. 結果判定

高、中、低頻段的峰值輸出功率皆低於 30 dBm，合乎標準規定。



9. 混附波發射限制之規定

9.1. 適用方法

依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.5 節之規定，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，其衰減值限制如下：

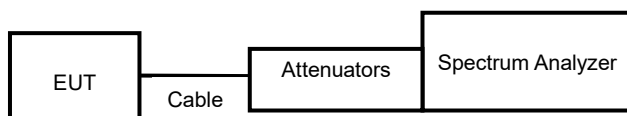
- (1) 輸出功率以峰值輸出功率方式量測者，至少需衰減 20dB，可使用射頻傳導或輻射方式測量。
- (2) 輸出功率以 4.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少需衰減 30dB，可使用射頻傳導或輻射方式測量。

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。

9.2. 測試方法

1. 將待測物和儀器相連接。
2. 設定儀器解析頻寬為 100 kHz 和視訊頻寬為 300 kHz。
3. 將頻寬展開至 100 MHz。
4. 量測並記錄於報告中。

9.3. 測試配置



9.4. 結果判定

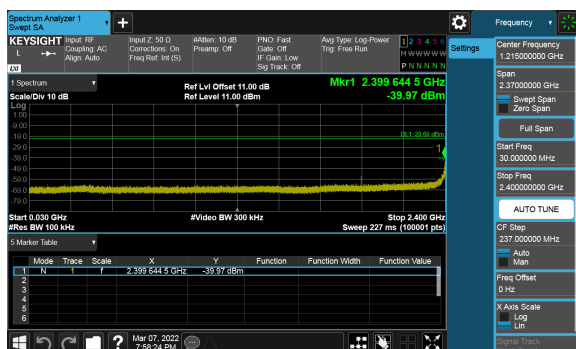
7.6.1 下邊緣頻帶：距下頻帶邊緣 40MHz 內最大混附波比主波低 20dB 以上，合乎標準規定。

7.6.2 上邊緣頻帶：距上頻帶邊緣 40MHz 內最大混附波比主波低 20dB 以上，合乎標準規定。

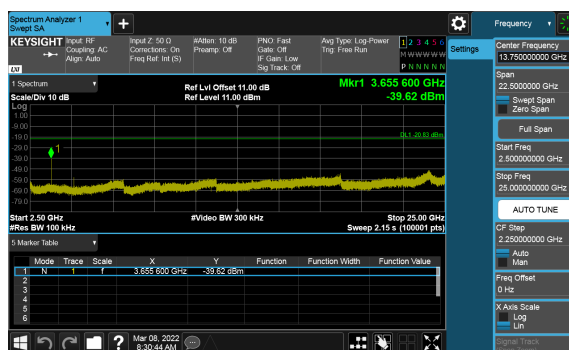
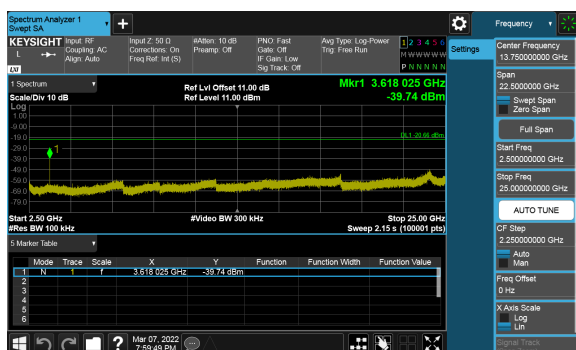
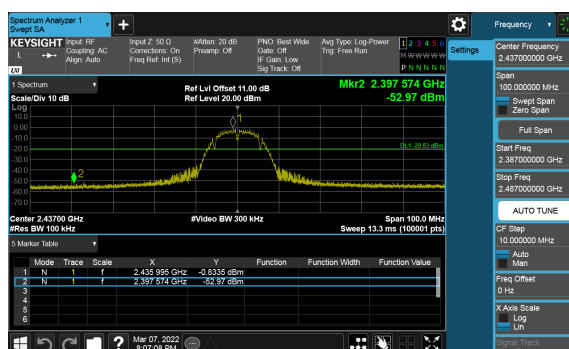
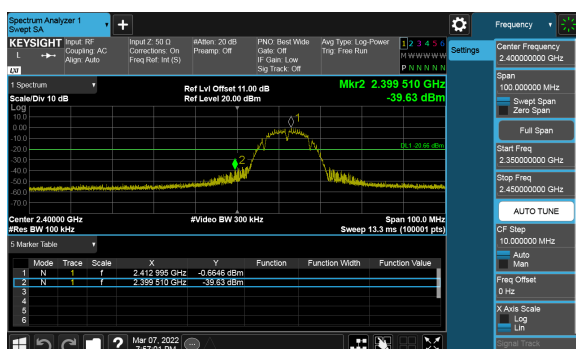
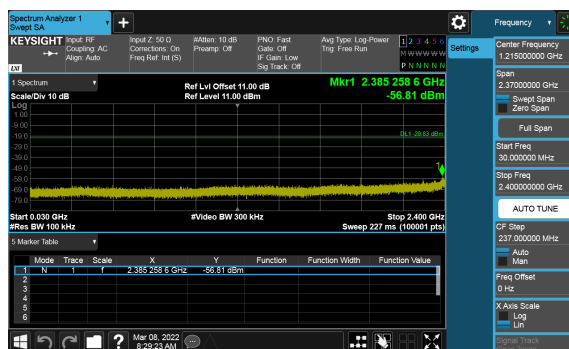
備註：繪圖資料請參考下頁。



Modulation Type: 802.11b CH01

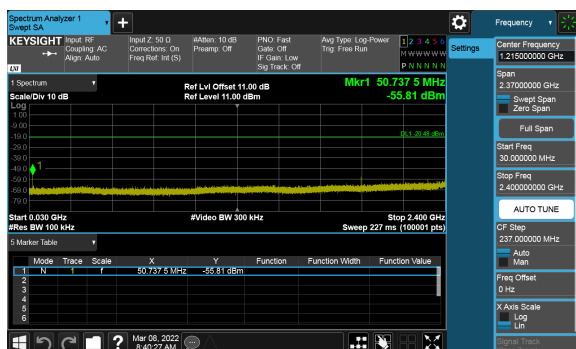


Modulation Type: 802.11b, CH06

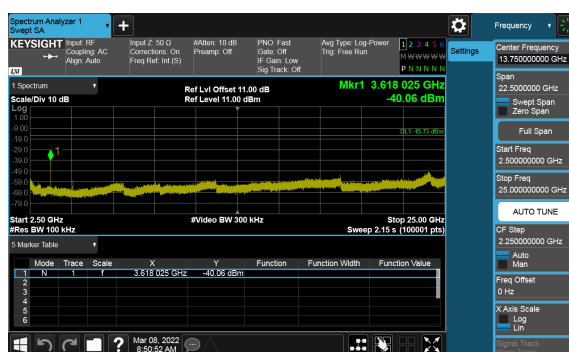
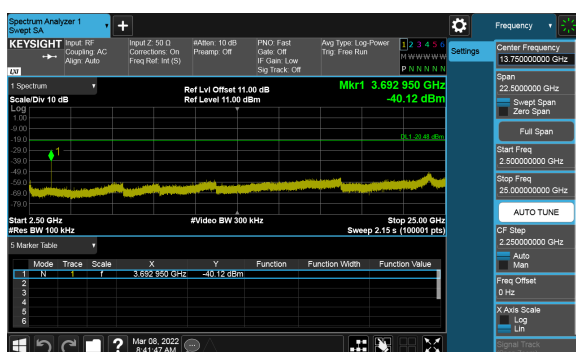
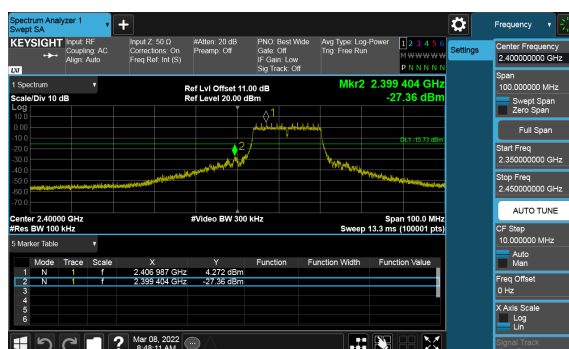
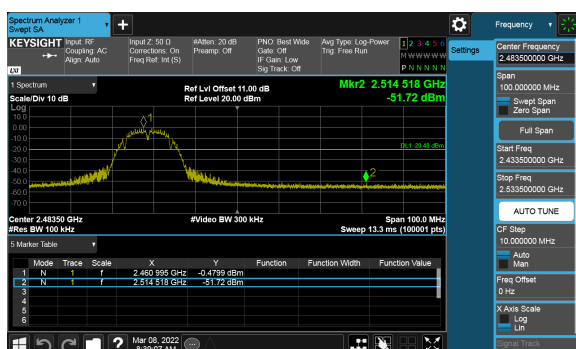
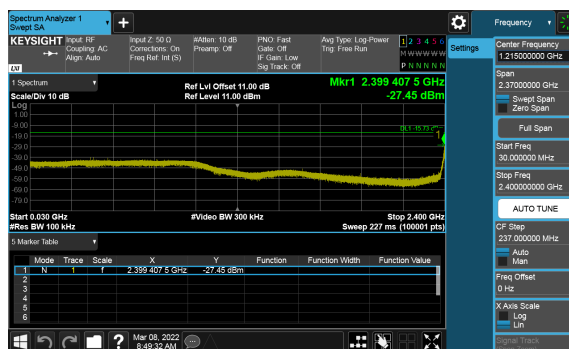




Modulation Type: 802.11b CH11

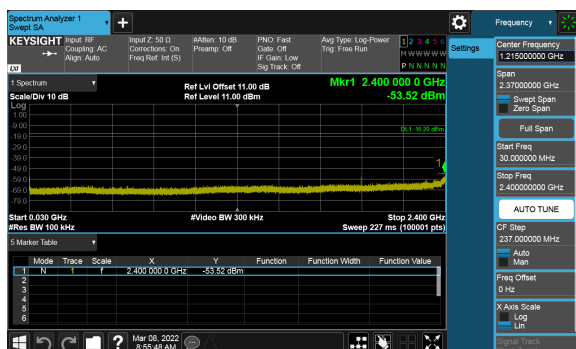


Modulation Type: 802.11g, CH01

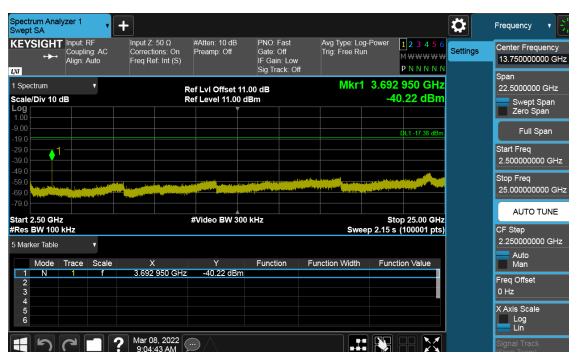
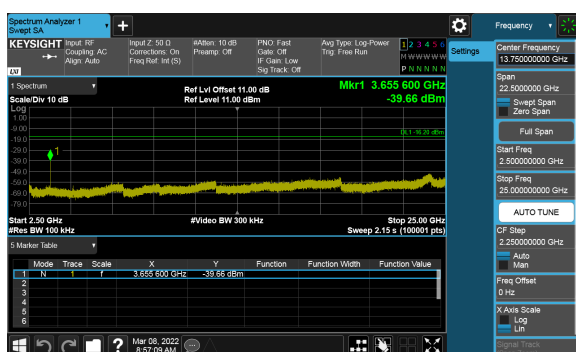
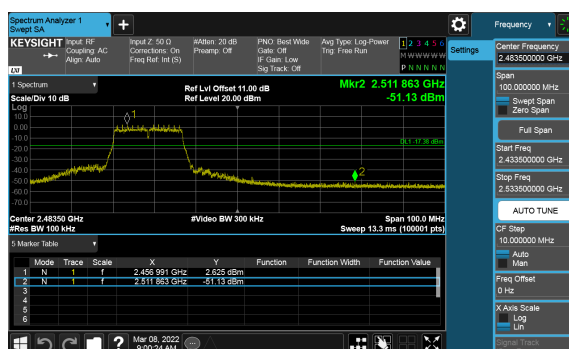
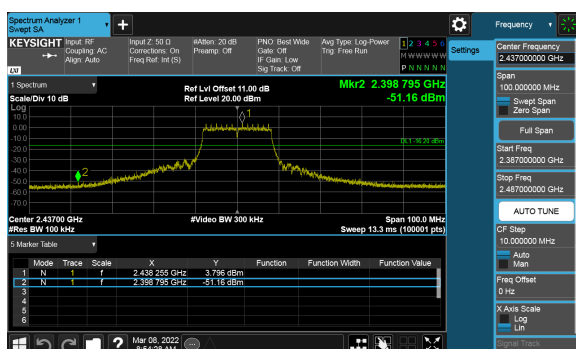
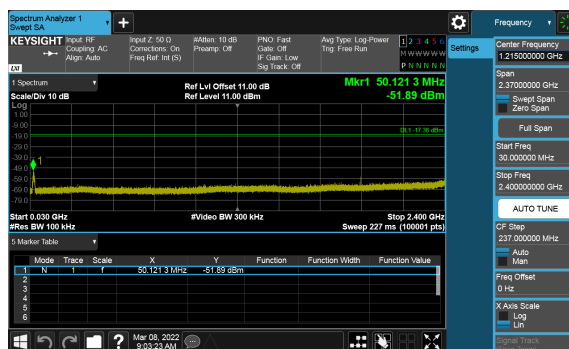




Modulation Type: 802.11g CH06

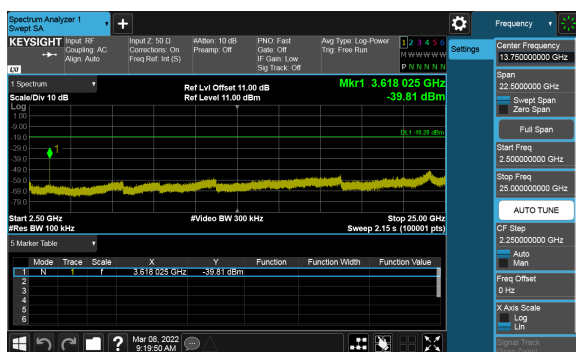
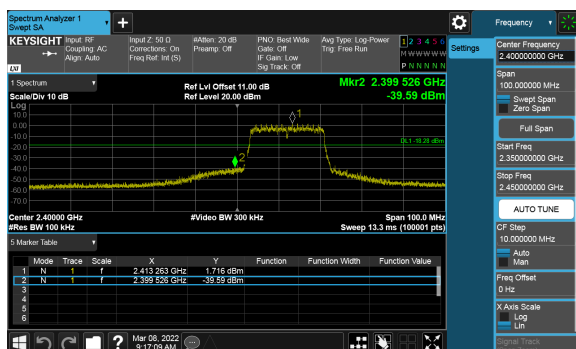
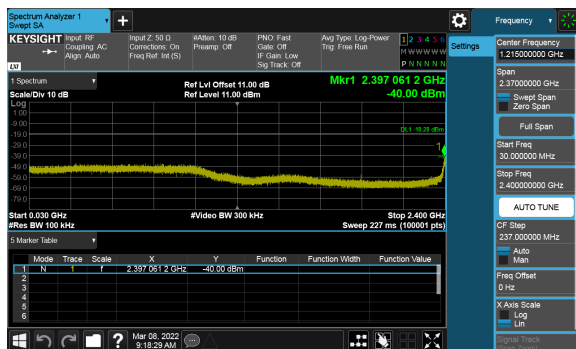


Modulation Type: 802.11g, CH11

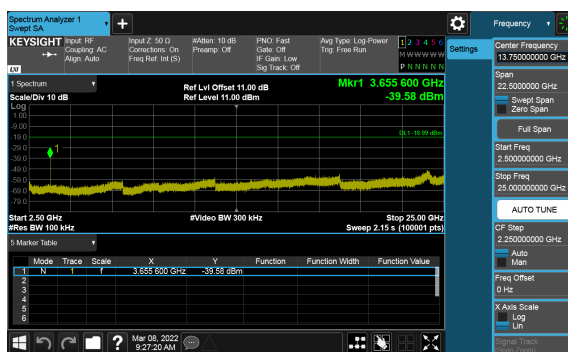
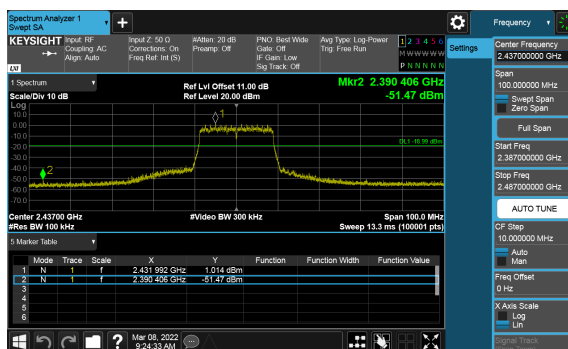
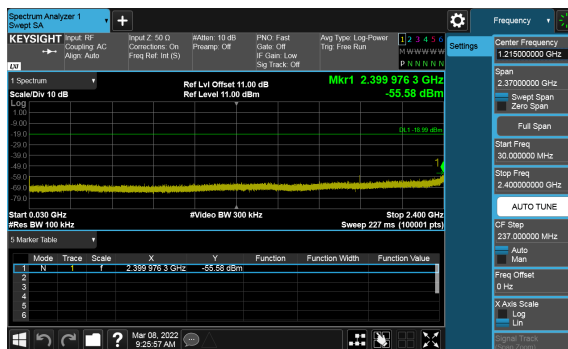




Modulation Type: 802.11n HT20 CH01

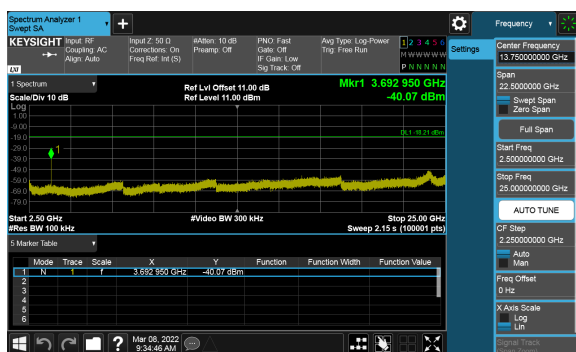
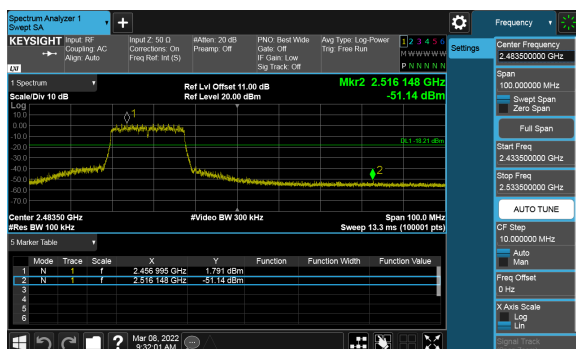
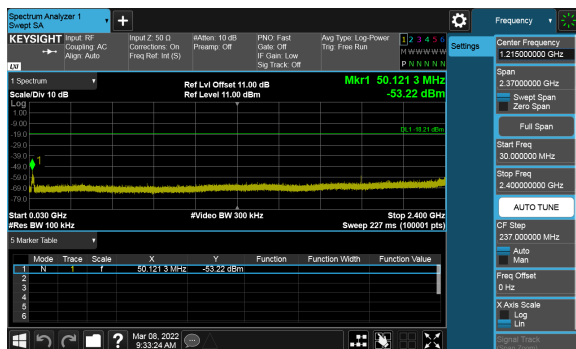


Modulation Type: 802.11n HT20 CH06

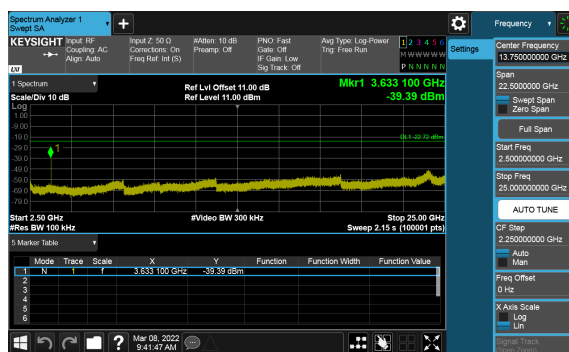
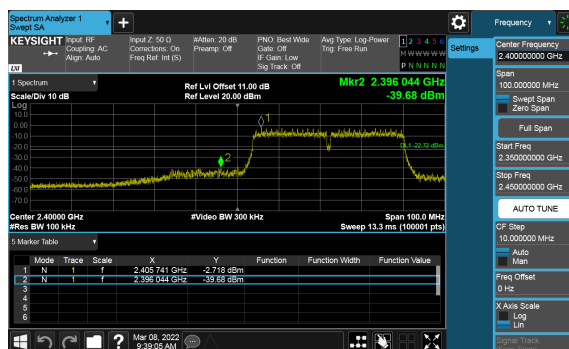
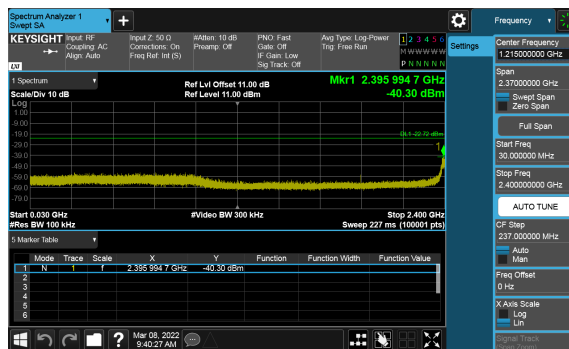




Modulation Type: 802.11n HT20 CH11

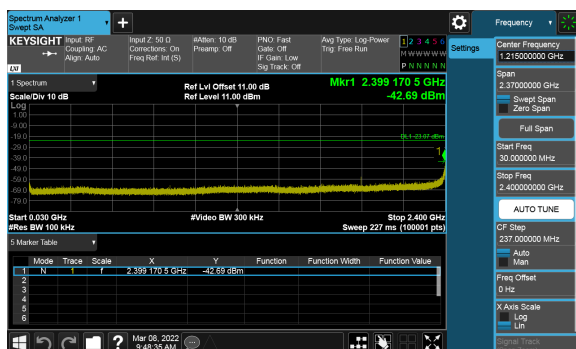


Modulation Type: 802.11n HT40 CH03

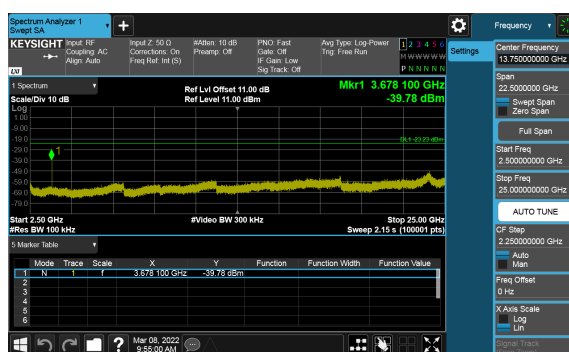
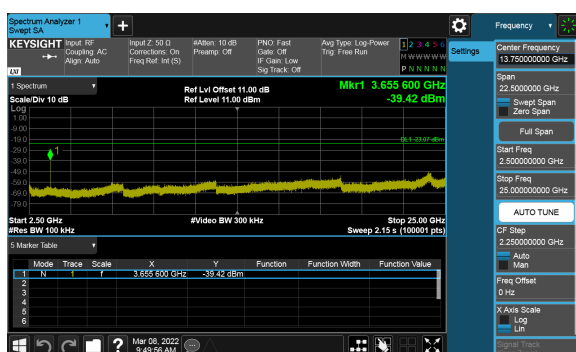
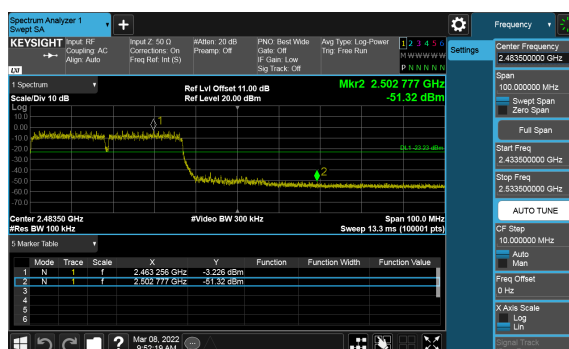
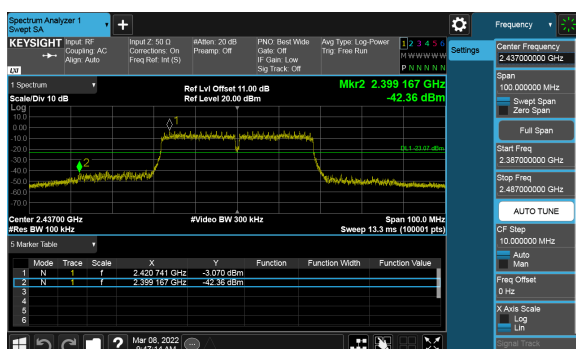
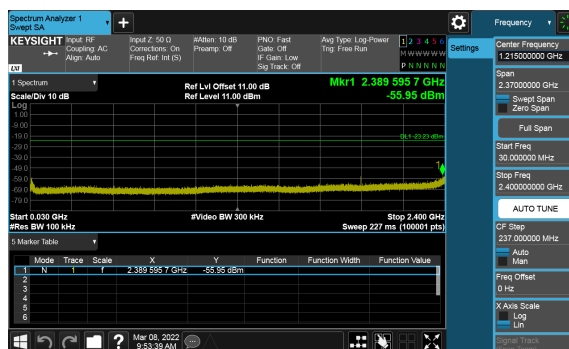




Modulation Type: 802.11n HT40 CH06



Modulation Type: 802.11n HT40 CH09





10. 功率密度之規定

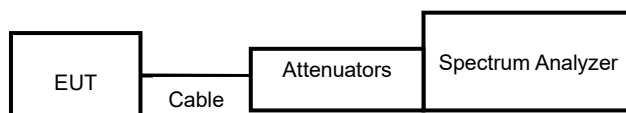
10.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範 4.10.1.6 節之(2)(B)規定，對數位調變技術系統，在使用任意 3 kHz 之頻寬內，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. 測試方法

1. 將待測物和儀器相連接。
2. 設定儀器解析頻寬為 3kHz、視訊頻寬為 10 kHz。
3. 量測並記錄於報告中。

10.3. 測試配置





10.4. 功率密度之量測結果及數據

Modulation Type	Channel	Frequency (MHz)	Maximum Power Density of 3KHz Bandwidth(dBm)	Sum chain (dBm)	Duty Cycle CF(dB)	Total PSD (dBm)	Limit (dBm)
			ANT A				
11b	1	2412	-13.86	-13.86	0.00	-13.86	8.00
	6	2437	-13.86	-13.86	0.00	-13.86	8.00
	11	2462	-12.46	-12.46	0.00	-12.46	8.00
11g	1	2412	-12.97	-12.97	0.00	-12.97	8.00
	6	2437	-12.35	-12.35	0.00	-12.35	8.00
	11	2462	-12.49	-12.49	0.00	-12.49	8.00
11n HT20	1	2412	-10.83	-10.83	0.00	-10.83	8.00
	6	2437	-11.64	-11.64	0.00	-11.64	8.00
	11	2462	-11.18	-11.18	0.00	-11.18	8.00
11n HT40	3	2422	-14.89	-14.89	0.00	-14.89	8.00
	6	2437	-15.7	-15.70	0.00	-15.70	8.00
	9	2452	-16.86	-16.86	0.00	-16.86	8.00

備註：繪圖資料請參考下頁。

10.5. 結果判定

高、中、低頻段的 3 kHz 功率密度皆低於 8 dBm，合乎標準規定。

Modulation Type: 802.11b
CH01Modulation Type: 802.11g
CH01

CH06



CH06

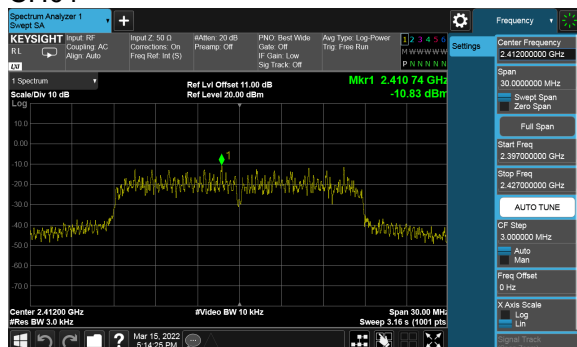


CH11

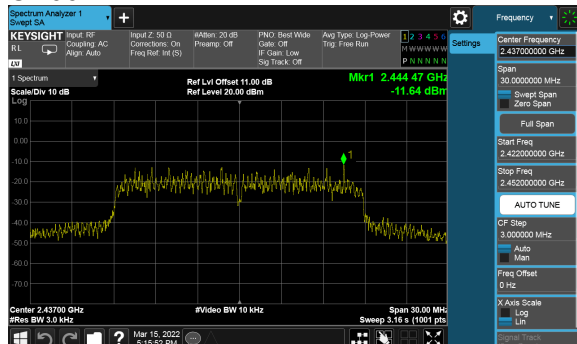


CH11

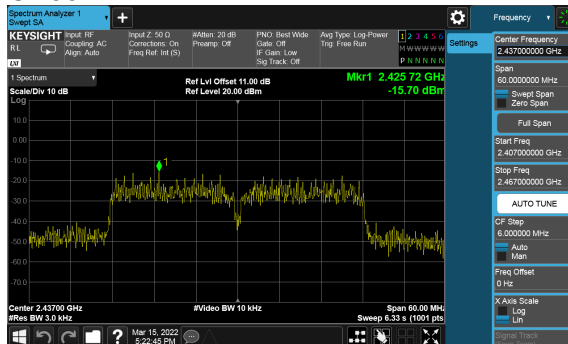


Modulation Type: 802.11n HT20
CH01Modulation Type: 802.11n HT40
CH03

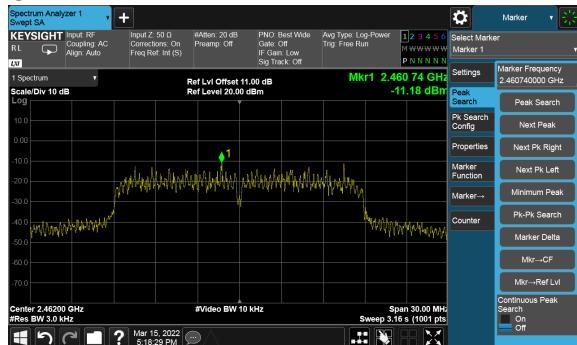
CH06



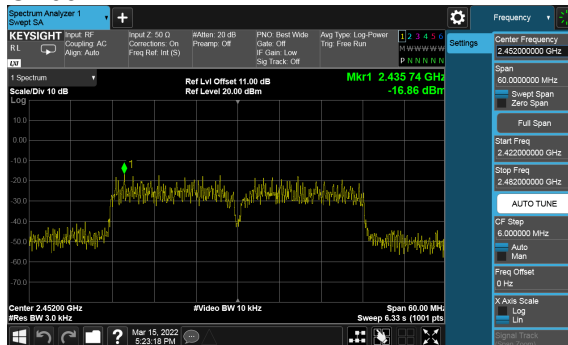
CH06



CH11



CH09





11. 電波暴露量之評估

11.1. 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 6.20 節之(6.20.2)規定，若受測物於正常操作模式下，其發射機距離人體 20 公分以上者，可測試最大暴露允許值(Maximum Permissible Exposure, MPE)以證明其符電波暴露量之要求。限制值如下：

(1) 職業性/可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3-3.0	614	1.63	*100	6
3-30	1842/f	4.89/f	*900/f ²	6
30-300	61.4	0.163	1.0	6
300-1,500	-----	-----	f/300	6
1,500-100,000	-----	-----	5.0	6

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：百萬赫(MHz)。

(2) 一般人/不可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3-3.0	614	1.63	*100	30
3-30	1842/f	4.89/f	*180/f ²	30
30-300	27.5	0.073	1.0	30
300-1,500	-----	-----	f/1500	30
1,500-100,000	-----	-----	1.0	30

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：百萬赫(MHz)。

11.2. 電波暴露量之評估結果及數據

Channel Frequency (MHz)	Max. Conducted output power(dBm)	Max. Tune up power (dBm)	Antenna Gain(dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
2412-2462	23.19	23.69	3.55	20	0.105	1

11.3. 結果判定

高、中、低頻段的電波暴露量皆低於限制值，合乎標準規定。



12. 限制使用之頻帶

Only spurious emissions are permitted in any of the frequency bands listed below:

頻率(兆赫)	頻率(兆赫)	頻率(兆赫)
0.090 - 0.110	240.00 - 285.00	3332.0 - 3339.0
0.490 - 0.510	322.00 - 335.40	3345.8 - 3358.0
2.172 - 2.198	399.90 - 410.00	3500.0 - 4400.0
3.013 - 3.033	485.00 - 510.00	4500.0 - 5250.0
4.115 - 4.198	608.00 - 614.00	5350.0 - 5460.0
5.670 - 5.690	703.00 - 748.00	7250.0 - 7750.0
6.200 - 6.300	758.00 - 803.00	8025.0 - 8500.0
8.230 - 8.400	825.00 - 915.00	9000.0 - 9200.0
12.265 - 12.600	930.00 - 1240.0	9300.0 - 9500.0
13.340 - 13.430	1300.0 - 1427.0	10600- 12700
14.965 - 15.020	1435.0 - 1626.5	13250- 13400
16.700 - 16.755	1660.0 - 1785.0	14470- 14500
19.965 - 20.020	1805.0 - 1880.0	15350- 16200
25.500 - 25.700	1885.0 - 1900.0	17700- 21400
37.475 - 38.275	1905.0 - 1985.0	22010- 23120
73.500 - 75.400	2010.0 - 2025.0	23600- 24000
108.00 - 138.00	2110.0 - 2170.0	31200- 31800
149.90 - 150.05	2200.0 - 2300.0	36430- 36500
156.70 - 156.90	2310.0 - 2390.0	38600 以上
162.01 - 167.17	2483.5 - 2900.0	
167.72 - 173.20	3260.0 - 3267.0	

-----THE END OF REPORT-----