



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	: 黑白雷射多功能一體機/Monochrome Laser Multifunction Printer
主型號	: M6506NW,
系列型號	: M6500NW
廠牌	: PANTUM
受理日期	: 110 年 12 月 27 日
完成日期	: 111 年 02 月 09 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
21120257-TRNCC01	Feb. 09, 2022	Original



證 明 書

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主型號	: M6506NW,
系列型號	: M6500NW
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)	: 19.10dBm

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 01 月 27 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($\pm 10\%$) 50/60Hz 6A

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: JinBiLai, Model: 2725
PowerCord	Brand: HONGCHANG, Model: DTII-3P-16+DTII-3P-04
電源板	廠牌1：HUNTKEY，型號1：Spider(HJ)-MFP-HV_PSU 廠牌2：Sanhua，型號2：Spider(SH) MFP HV PSU

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



產品尺寸 (長 × 寬 × 高)	M6200/M6500 系列: 417mm*305mm*244mm
產品重量	M6200/M6500 系列: 約 7.5Kg (不含包裝物, 但含隨附碳粉匣)
列印環境	最佳列印溫度範圍: 10-32°C (50°F-90°F) 最佳列印濕度範圍: 20% - 80%
電源電壓	110V Model: AC110~127V (±10%); 50Hz/60Hz; 6A
噪音	列印: ≤54dB 待機: ≤30dB
功耗	列印: 平均 370W, 最大 750W 待機: ≤45W 休眠: ≤3.5W
作業系統	Microsoft Windows Server2003/Server2008/Server2012/XP/Vista/Windows7/Windows8/Windows8.1/Windows10/Windows11 (32/64 位元) macOS 10.6/10.7/10.8/10.9/10.10/10.11 Linux (有版本限制) iOS/Android (有版本限制) 中標麒麟 (龍芯) (有版本限制)
通信接口	Hi-speed USB 2.0 100Base-Tx Ethernet (適用於網路機型) Wi-Fi 802.11b/g/n (僅適用於 Wi-Fi 機型)

列印規格

列印速度	M6200/M6500 系列: (A4 20/22ppm)/(Letter 21/23ppm)
首頁列印時間	<7.8 秒
列印語言	GDI

影印規格

影印速度	22cpm (A4)/23cpm (Letter)
首頁影印時間	平板 < 10 秒 ADF < 12 秒
連續最大影印頁數	99 頁
縮放率	25%~400%
其他影印功能	ID copy、Receipt copy、N-up copy、Clone copy



掃描規格

掃描類型	Flatbed+ADF (M6550 系列)
最大掃描尺寸	Flatbed : 216×297mm ADF : 216×356mm
彩色掃描	是
掃描輸出功能	掃描到 E-mail、PC、FTP

1.2. 差異說明

1. 型號 M6506NW 和型號 M6500NW 差異為僅型號命名不同。
2. 同型號兩種電源板隨機搭配，兩種電源板參數相同，廠牌、型號命名不同，兩種電源板廠牌、型號如下：電源板 1：廠牌：HUNTKEY，型號：Spider(HJ)-MFP-HV_PSU；電源板 2：廠牌：Sanhua，型號：Spider(SH) MFP HV PSU。

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 7 作業系統下，EUT 進入 “ttpmacro.exe” 來發射與接收訊號。(軟體版本號: 4.73.0.0)

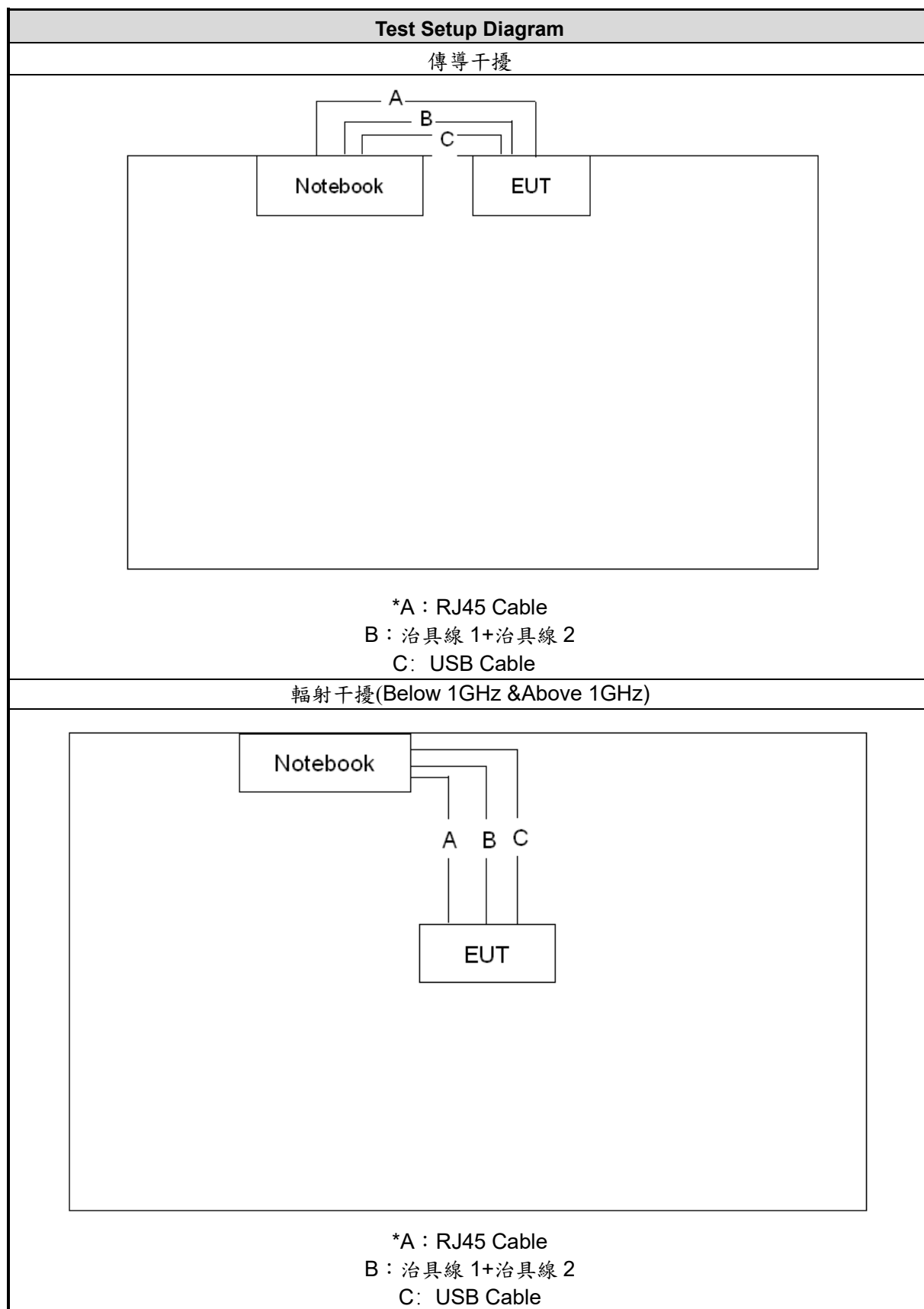
- 執行以下測試模式如下：

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 1,5” 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 1,5” 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 1-5” generated the worst case and were reported as the final data.	

注：產品帶兩個電源板，經驗證電源板（廠牌：HUNTKEY，型號：Spider(HJ)-MFP-HV_PSU）為測試最差電源板。



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)	JinBiLai	2725	N/A	1.5m / NS
PowerCord (隨貨附)	HONGCHANG	DTII-3P-16+DTII-3P-04	N/A	1.2m / 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)	JinBiLai	2725	N/A	1.5m / NS
PowerCord (隨貨附)	HONGCHANG	DTII-3P-16+DTII-3P-04	N/A	1.2m / 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：	AC 110V / 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	2022/01/26	24°C / 50%	Dian Chen
Radiated Emissions	3M02-NK	2022/01/25~2022/01/27	22~26°C / 46~53%	Dian Chen
AC Power Line Conducted Emission	CON01-NK	2022/01/27	23°C / 48%	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(3M02-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Schwarzbeck	VULB9168	275	2021/11/05	2022/11/04
Active Loop Antenna	EMCO	6507	40855	2021/06/10	2022/06/09
Horn Antenna	EMCO	3115	31601	2021/10/14	2022/10/13
Horn Antenna	EMCO	3116	31970	2021/03/29	2022/03/28
EMI Receiver	ROHDE & SCHWARZ	ESCI	101423	2021/06/30	2022/06/29
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2021/08/06	2022/08/05
Preamplifier	EM Electronics corp.	EM330	60658	2021/10/13	2022/10/12
Preamplifier	Agilent	8449B	3008A01954	2021/03/22	2022/03/21
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2021/11/16	2022/11/15
Bluetooth Tester	ROHDE & SCHWARZ	CBT	101133	2021/04/19	2022/04/18
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2021/04/12	2022/04/11
Cable-0.5m(1G-18G)	EMEC	EM104-SMSM-0.5M	CCE1354	2021/05/06	2022/05/05
Cable-3m(1G-18G)	EMEC	EM104-SMSM-3M	CCE1355	2021/05/06	2022/05/05
Cable-8m(1G-18G)	EMEC	EM104-SMSM-8M	CCE1356	2021/05/06	2022/05/05
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
Cable-0.5m(1G-40G)	Rapidtek	40GHZ 50CM	38MS-38MS50314	2021/04/08	2022/04/07
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2021/09/22	2022/09/21
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
Bluetooth Tester	ROHDE & SCHWARZ	CBT	101133	2021/04/19	2022/04/18
CAX Signal Analyzer	KEYSIGHT	N9010A	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	CFD300-NL	NA	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)

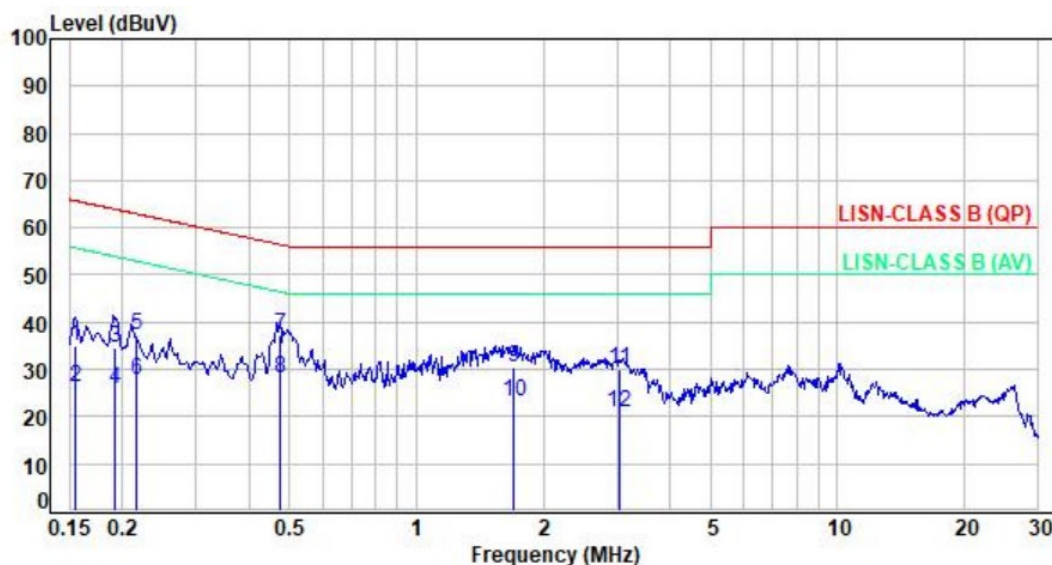
3.2. 結果判定

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。



4.4. 傳導干擾之測試結果及數據

Power	: AC 110V / 60Hz	Pol/Phase	: LINE
Test Mode	: Mode 1		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.15	9.97	25.16	35.13	65.76	-30.63	QP	P
2	0.15	9.97	16.23	26.20	55.76	-29.56	Average	P
3	0.19	9.97	24.80	34.77	63.95	-29.18	QP	P
4	0.19	9.97	15.94	25.91	53.95	-28.04	Average	P
5	0.22	9.97	27.10	37.07	62.99	-25.92	QP	P
6	0.22	9.97	17.80	27.77	52.99	-25.22	Average	P
7	0.48	9.99	27.28	37.27	56.40	-19.13	QP	P
8	0.48	9.99	18.10	28.09	46.40	-18.31	Average	P
9	1.71	10.11	20.44	30.55	56.00	-25.45	QP	P
10	1.71	10.11	13.24	23.35	46.00	-22.65	Average	P
11	3.02	10.16	19.74	29.90	56.00	-26.10	QP	P
12	3.02	10.16	10.88	21.04	46.00	-24.96	Average	P

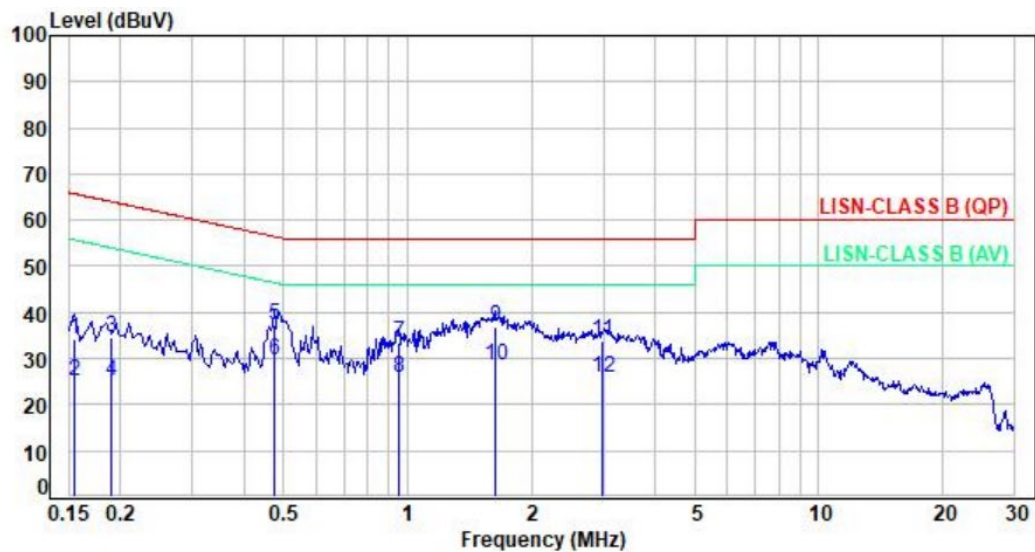
Note: Level=Reading+Factor

Margin=Level-Limit

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



Power	: AC 110V / 60Hz	Pol/Phase	: NEUTRAL
Test Mode	: Mode 1		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.16	9.97	24.19	34.16	65.70	-31.54	QP	P
2	0.16	9.97	15.08	25.05	55.70	-30.65	Average	P
3	0.19	9.97	24.82	34.79	64.02	-29.23	QP	P
4	0.19	9.97	15.20	25.17	54.02	-28.85	Average	P
5	0.47	9.98	27.26	37.24	56.46	-19.22	QP	P
6	0.47	9.98	19.69	29.67	46.46	-16.79	Average	P
7	0.95	10.03	23.29	33.32	56.00	-22.68	QP	P
8	0.95	10.03	15.72	25.75	46.00	-20.25	Average	P
9	1.64	10.08	26.89	36.97	56.00	-19.03	QP	P
10	1.64	10.08	18.51	28.59	46.00	-17.41	Average	P
11	2.98	10.14	23.53	33.67	56.00	-22.33	QP	P
12	2.98	10.14	15.64	25.78	46.00	-20.22	Average	P

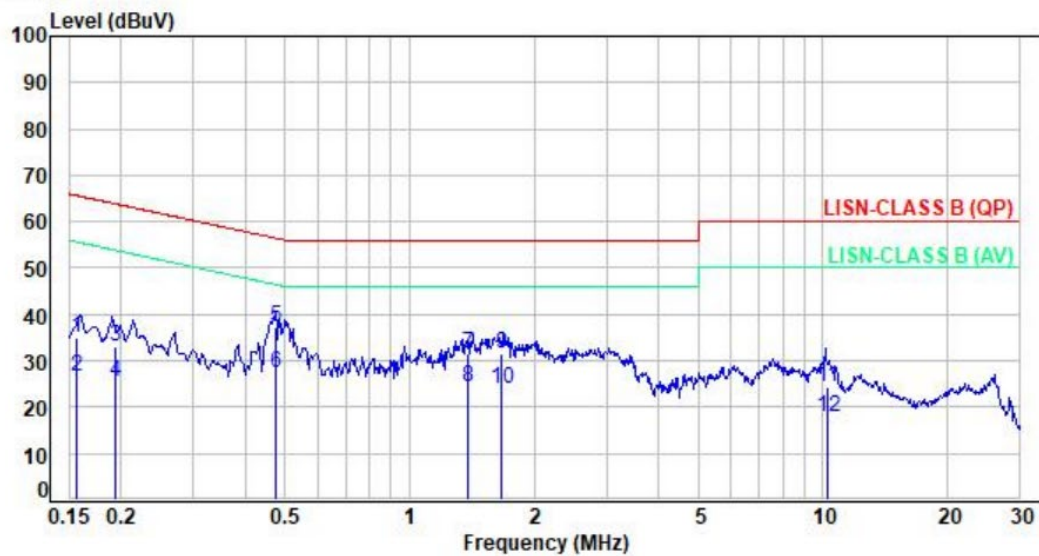
Note: Level=Reading+Factor

Margin=Level-Limit

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



Power	: AC 110V / 60Hz	Pol/Phase	: LINE
Test Mode	: Mode 5		



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	P/F
1	0.16	9.97	25.14	35.11	65.65	-30.54	QP	P
2	0.16	9.97	16.46	26.43	55.65	-29.22	Average	P
3	0.19	9.97	23.03	33.00	63.87	-30.87	QP	P
4	0.19	9.97	15.65	25.62	53.87	-28.25	Average	P
5	0.48	9.99	27.22	37.21	56.40	-19.19	QP	P
6	0.48	9.99	17.51	27.50	46.40	-18.90	Average	P
7	1.38	10.08	21.30	31.38	56.00	-24.62	QP	P
8	1.38	10.08	14.14	24.22	46.00	-21.78	Average	P
9	1.67	10.10	21.36	31.46	56.00	-24.54	QP	P
10	1.67	10.10	14.04	24.14	46.00	-21.86	Average	P
11	10.24	10.40	14.06	24.46	60.00	-35.54	QP	P
12	10.24	10.40	7.48	17.88	50.00	-32.12	Average	P

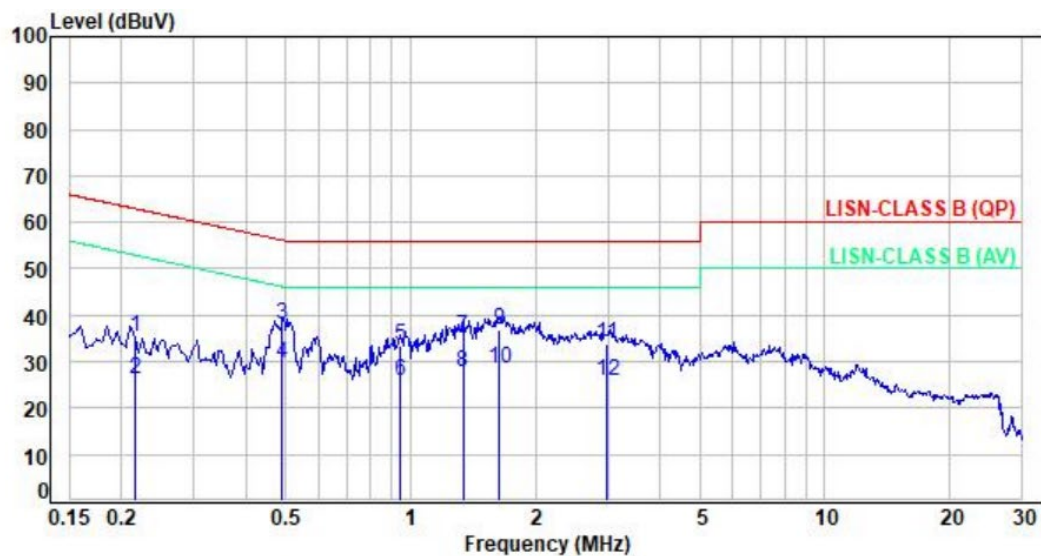
Note: Level=Reading+Factor

Margin=Level-Limit

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



Power	: AC 110V / 60Hz	Pol/Phase	: NEUTRAL
Test Mode	: Mode 5		



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	P/F
1	0.22	9.97	25.40	35.37	62.96	-27.59	QP	P
2	0.22	9.97	16.36	26.33	52.96	-26.63	Average	P
3	0.49	9.98	27.91	37.89	56.18	-18.29	QP	P
4	0.49	9.98	19.67	29.65	46.18	-16.53	Average	P
5	0.95	10.03	23.39	33.42	56.00	-22.58	QP	P
6	0.95	10.03	15.88	25.91	46.00	-20.09	Average	P
7	1.34	10.06	25.18	35.24	56.00	-20.76	QP	P
8	1.34	10.06	17.84	27.90	46.00	-18.10	Average	P
9	1.63	10.08	26.92	37.00	56.00	-19.00	QP	P
10	1.63	10.08	18.47	28.55	46.00	-17.45	Average	P
11	2.97	10.14	23.83	33.97	56.00	-22.03	QP	P
12	2.97	10.14	15.77	25.91	46.00	-20.09	Average	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：

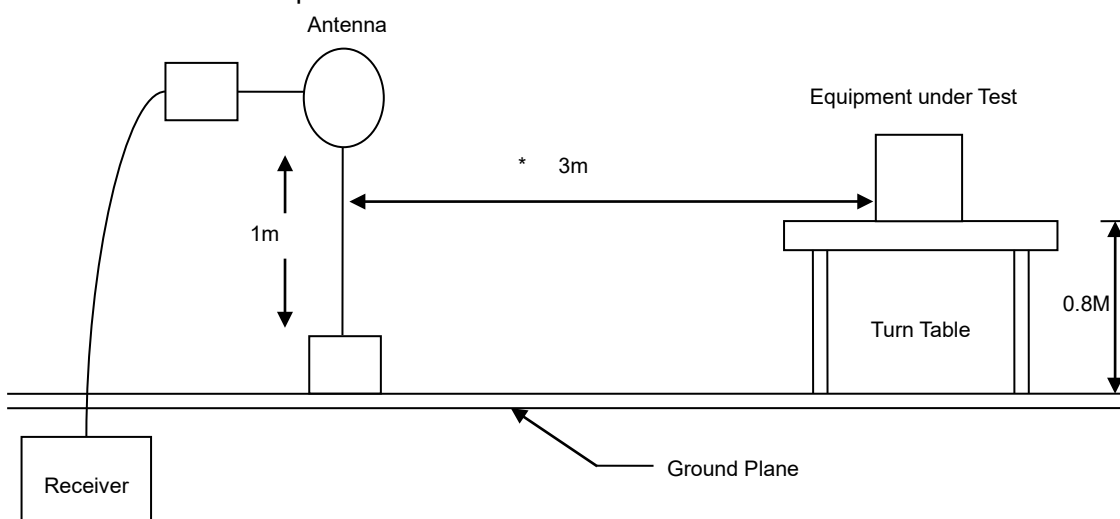
頻率(MHz)	測試距離(m)	限制值(dB μ V)	限制值(μ V/m)
0.009 – 0.490 (含)	300	67.6 / f(kHz)	2400 / f(kHz)
0.490 (不含) – 1.705 (含)	30	87.6 / f(kHz)	24000 / f(kHz)
1.705(不含) – 30(不含)	30	29.5	30
30 (含) – 88 (含)	3	40.0	100
88(不含) – 216 (含)	3	43.5	150
216(不含) – 960 (含)	3	46.0	200
960(不含)以上	3	54.0	500

5.2. 測試方法

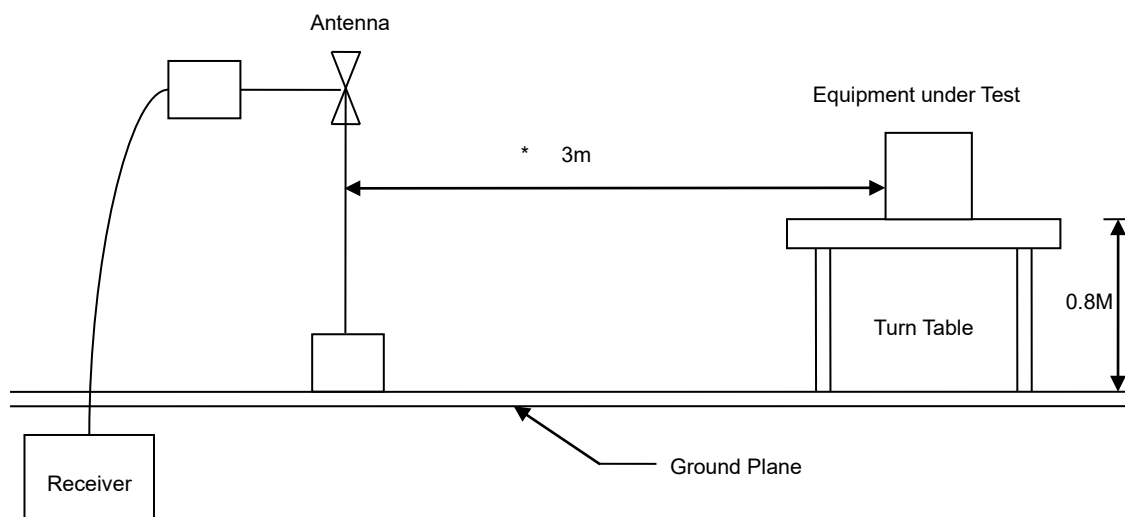
將待測物置於 0.8 米(Below 1G) & 1.5 米(Above 1G)高的非金屬桌面，使其在測試模式狀態，且設定為高、中、低各頻道產生最高峰值輸出功率的傳輸速率，接收天線置於 3 米外，且桌面要 360 度旋轉，另外接收天線也要從 1 米至 4 米升降變化，接收天線置於水平、垂直極向各執行測試一次。如待測物可以三軸相放置，並分別測試以找出最大輻射電場強度(最差的結果為 X 軸)。

5.3. 輻射場地之擺設

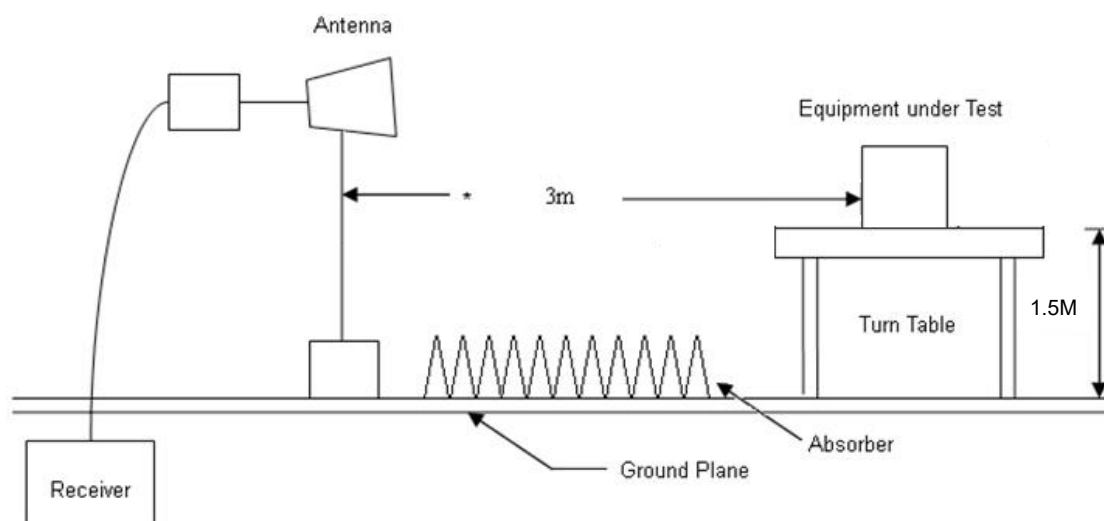
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup



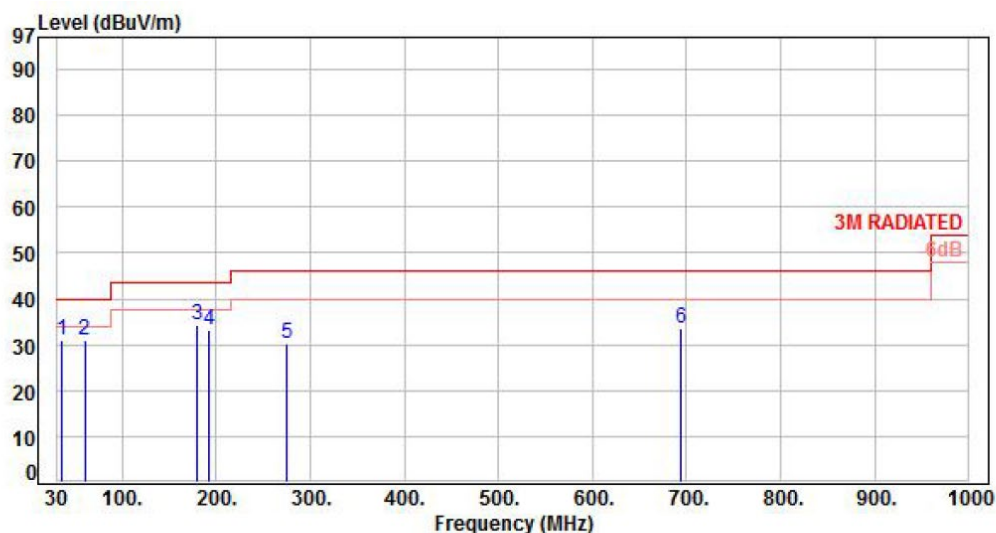


5.4. 輻射之測試結果及數據 (9kHz ~ 30MHz)

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	: AC 110V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	35.82	-12.81	43.89	31.08	40.00	-8.92	Peak	100	152	P
2	60.07	-11.83	42.92	31.09	40.00	-8.91	Peak	100	168	P
3	180.35	-13.16	47.40	34.24	43.50	-9.26	Peak	100	292	P
4	191.99	-13.42	46.79	33.37	43.50	-10.13	Peak	100	260	P
5	275.41	-11.14	41.34	30.20	46.00	-15.80	Peak	100	63	P
6	693.48	-2.01	35.41	33.40	46.00	-12.60	Peak	100	177	P

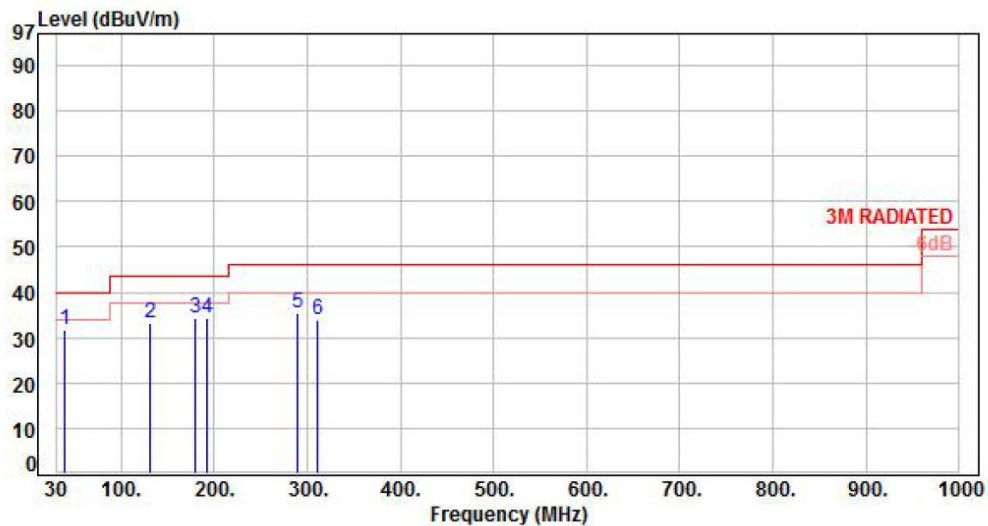
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	39.70	-12.16	43.88	31.72	40.00	-8.28	Peak	100	138	P
2	131.85	-12.89	45.93	33.04	43.50	-10.46	Peak	100	213	P
3	179.38	-13.03	47.20	34.17	43.50	-9.33	Peak	100	42	P
4	191.99	-13.42	47.65	34.23	43.50	-9.27	Peak	100	105	P
5	288.99	-10.81	46.05	35.24	46.00	-10.76	Peak	100	172	P
6	311.30	-10.15	44.13	33.98	46.00	-12.02	Peak	100	127	P

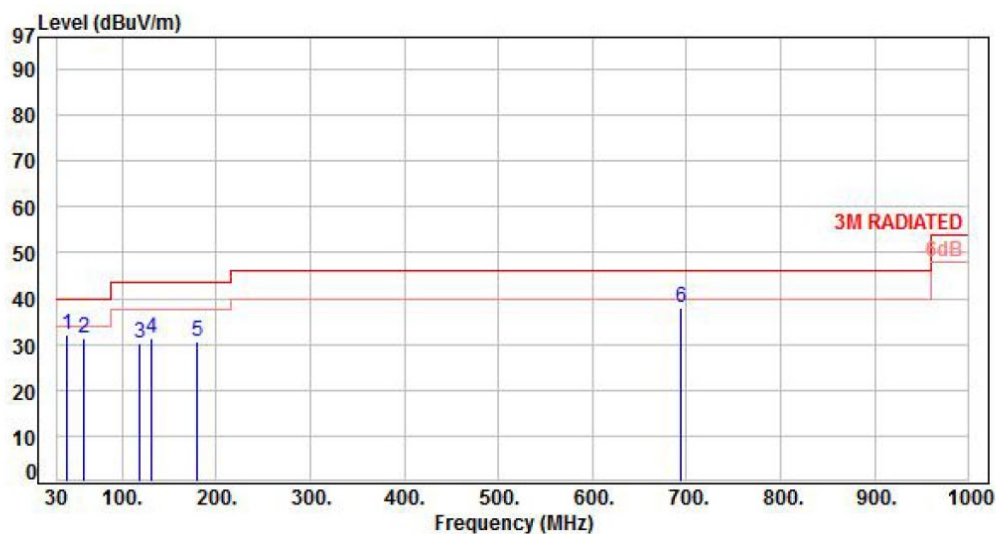
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	40.67	-12.11	44.13	32.02	40.00	-7.98	Peak	100	162	P
2	59.10	-11.88	43.35	31.47	40.00	-8.53	Peak	100	305	P
3	119.24	-14.03	44.34	30.31	43.50	-13.19	Peak	100	130	P
4	131.85	-12.89	44.06	31.17	43.50	-12.33	Peak	100	205	P
5	179.38	-13.03	43.74	30.71	43.50	-12.79	Peak	100	238	P
6	693.48	-2.01	39.89	37.88	46.00	-8.12	Peak	100	74	P

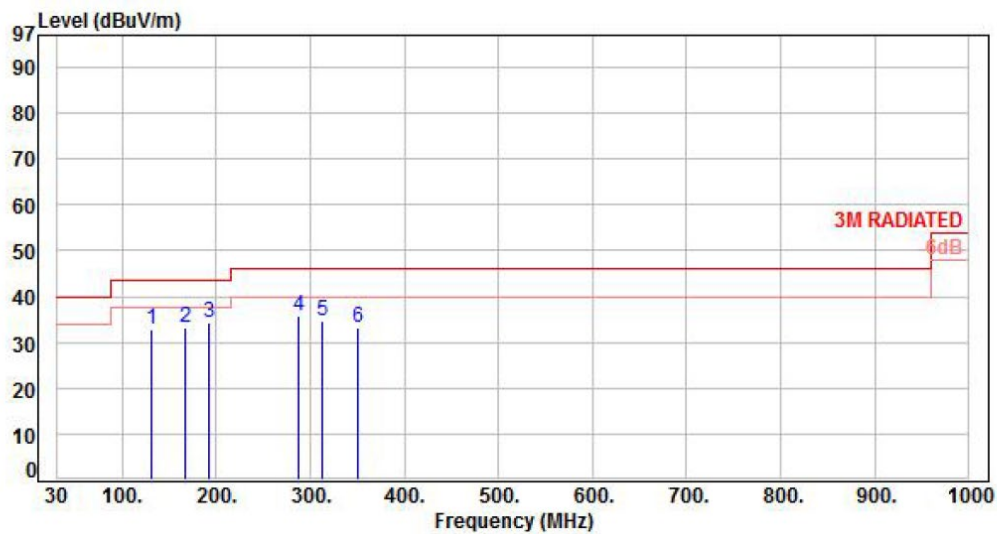
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5		



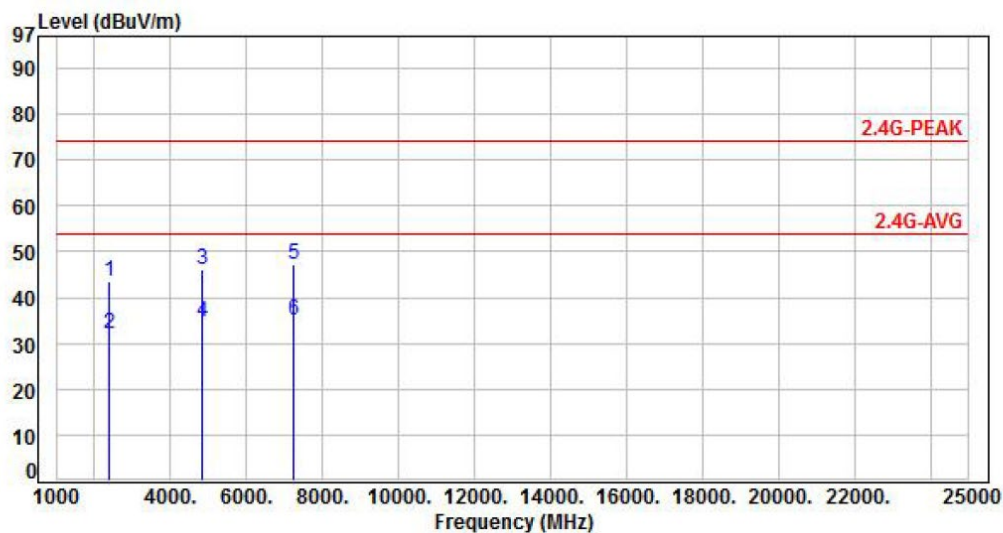
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	131.85	-12.89	45.82	32.93	43.50	-10.57	Peak	100	82	P
2	167.74	-12.05	45.09	33.04	43.50	-10.46	Peak	100	207	P
3	191.99	-13.42	47.82	34.40	43.50	-9.10	Peak	100	212	P
4	288.02	-10.83	46.49	35.66	46.00	-10.34	Peak	100	107	P
5	312.27	-10.13	44.75	34.62	46.00	-11.38	Peak	100	237	P
6	350.10	-9.55	42.73	33.18	46.00	-12.82	Peak	100	145	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	: AC 110V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, CH01		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	46.89	43.35	74.00	-30.65	Peak	100	215	P
2	2390.00	-3.54	35.69	32.15	54.00	-21.85	Average	100	215	P
3	4824.00	3.83	42.39	46.22	74.00	-27.78	Peak	100	105	P
4	4824.00	3.83	30.87	34.70	54.00	-19.30	Average	100	105	P
5	7236.00	8.26	38.80	47.06	74.00	-26.94	Peak	100	187	P
6	7236.00	8.26	26.87	35.13	54.00	-18.87	Average	100	187	P

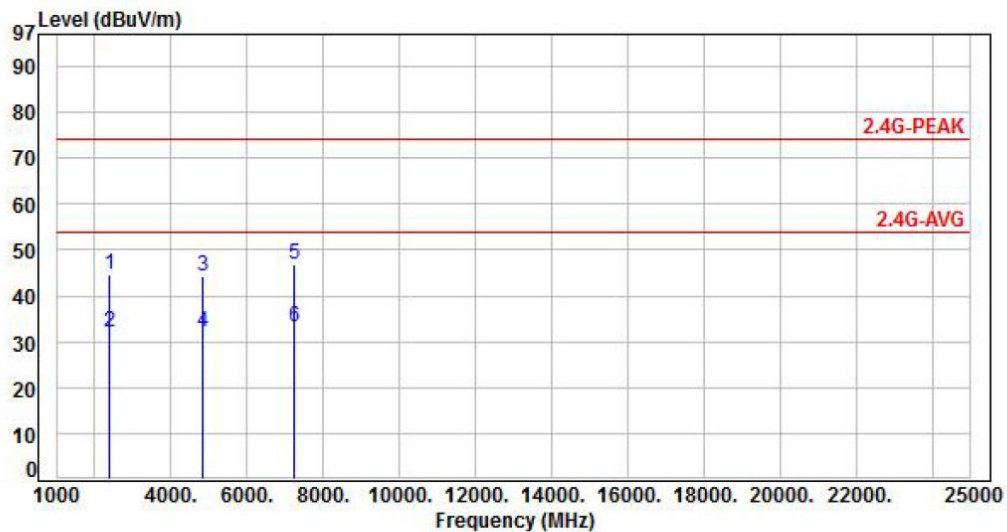
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	48.26	44.72	74.00	-29.28	Peak	100	127	P
2	2390.00	-3.54	35.65	32.11	54.00	-21.89	Average	100	127	P
3	4824.00	3.83	40.36	44.19	74.00	-29.81	Peak	100	252	P
4	4824.00	3.83	28.41	32.24	54.00	-21.76	Average	100	252	P
5	7236.00	8.26	38.46	46.72	74.00	-27.28	Peak	100	175	P
6	7236.00	8.26	24.89	33.15	54.00	-20.85	Average	100	175	P

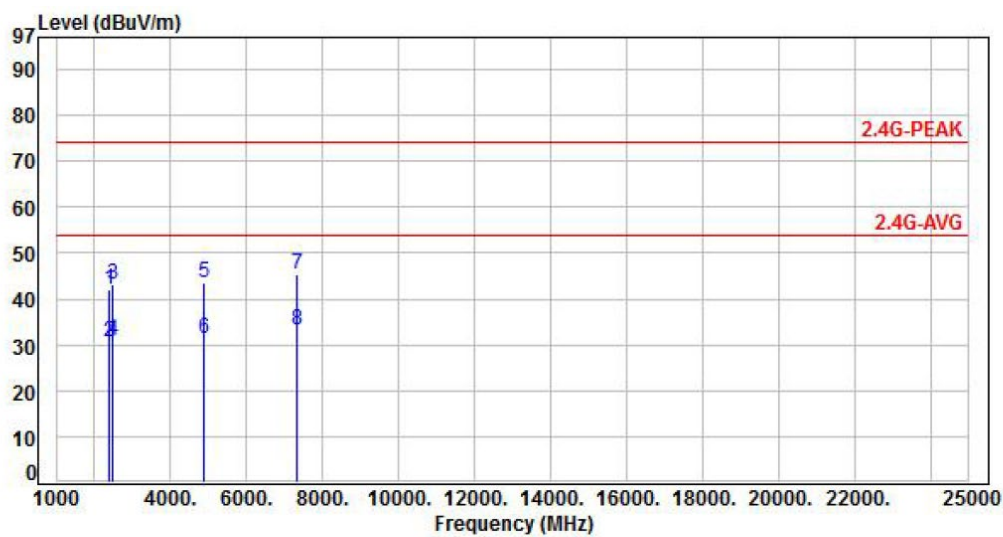
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	45.72	42.18	74.00	-31.82	Peak	100	168	P
2	2390.00	-3.54	34.29	30.75	54.00	-23.25	Average	100	168	P
3	2483.50	-3.30	46.34	43.04	74.00	-30.96	Peak	100	54	P
4	2483.50	-3.30	34.15	30.85	54.00	-23.15	Average	100	54	P
5	4874.00	4.00	39.45	43.45	74.00	-30.55	Peak	100	72	P
6	4874.00	4.00	27.41	31.41	54.00	-22.59	Average	100	72	P
7	7311.00	8.64	36.87	45.51	74.00	-28.49	Peak	100	257	P
8	7311.00	8.64	24.37	33.01	54.00	-20.99	Average	100	257	P

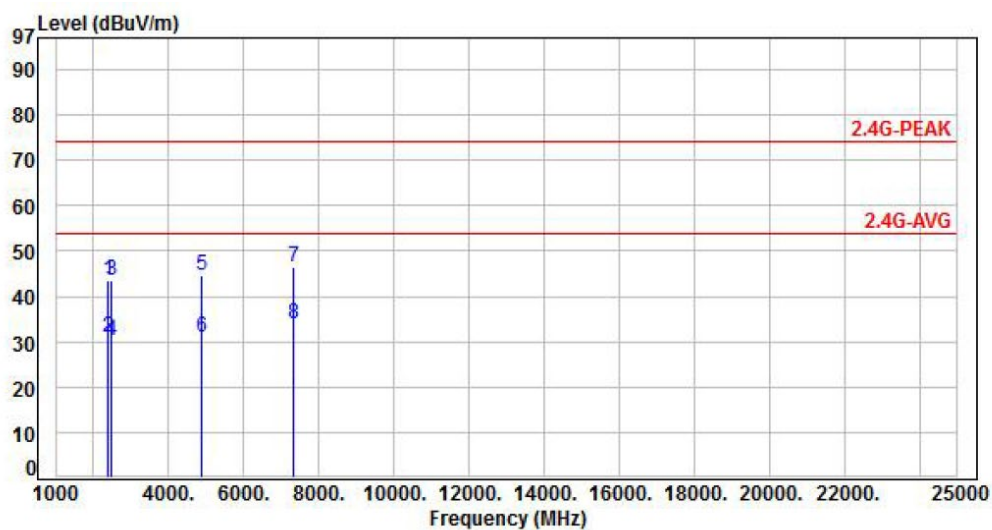
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	47.19	43.65	74.00	-30.35	Peak	100	251	P
2	2390.00	-3.54	34.59	31.05	54.00	-22.95	Average	100	251	P
3	2483.50	-3.30	46.82	43.52	74.00	-30.48	Peak	100	150	P
4	2483.50	-3.30	33.54	30.24	54.00	-23.76	Average	100	150	P
5	4874.00	4.00	40.52	44.52	74.00	-29.48	Peak	100	177	P
6	4874.00	4.00	26.86	30.86	54.00	-23.14	Average	100	177	P
7	7311.00	8.64	37.73	46.37	74.00	-27.63	Peak	100	215	P
8	7311.00	8.64	25.11	33.75	54.00	-20.25	Average	100	215	P

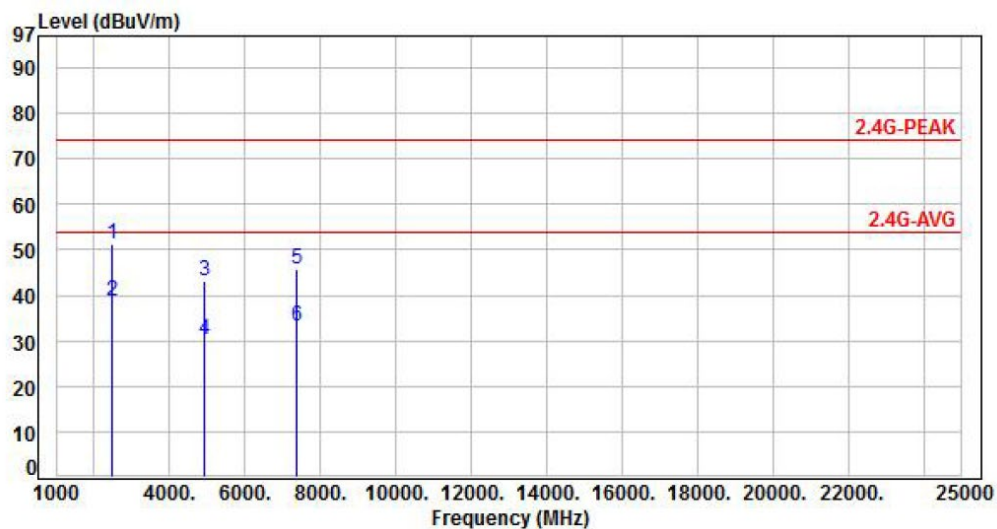
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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

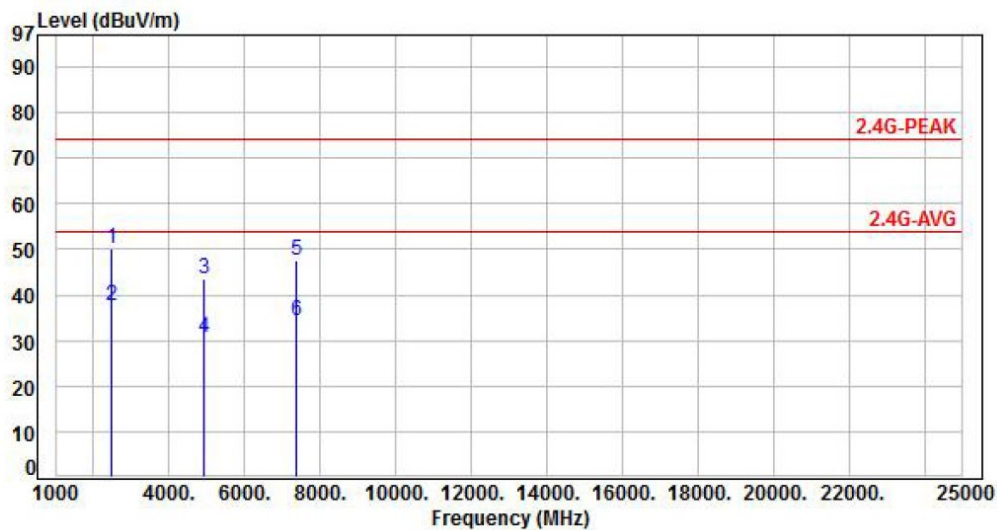


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	-3.30	54.69	51.39	74.00	-22.61	Peak	100	147	P
2	2483.50	-3.30	42.14	38.84	54.00	-15.16	Average	100	147	P
3	4924.00	4.20	38.98	43.18	74.00	-30.82	Peak	100	132	P
4	4924.00	4.20	26.11	30.31	54.00	-23.69	Average	100	132	P
5	7386.00	8.66	37.09	45.75	74.00	-28.25	Peak	100	205	P
6	7386.00	8.66	24.58	33.24	54.00	-20.76	Average	100	205	P

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



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	-3.30	53.41	50.11	74.00	-23.89	Peak	100	312	P
2	2483.50	-3.30	40.75	37.45	54.00	-16.55	Average	100	312	P
3	4924.00	4.20	39.28	43.48	74.00	-30.52	Peak	100	117	P
4	4924.00	4.20	26.23	30.43	54.00	-23.57	Average	100	117	P
5	7386.00	8.66	38.98	47.64	74.00	-26.36	Peak	100	110	P
6	7386.00	8.66	25.52	34.18	54.00	-19.82	Average	100	110	P

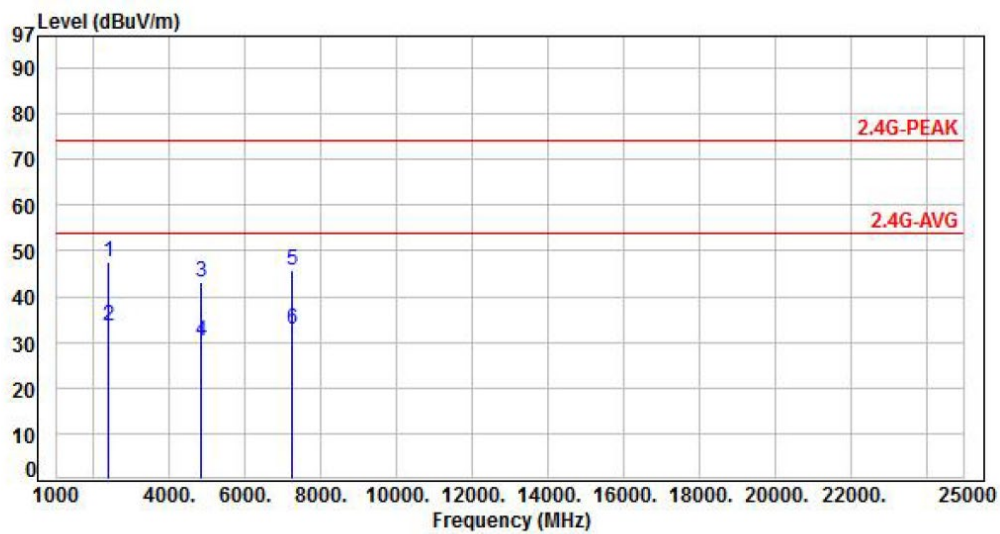
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	51.18	47.64	74.00	-26.36	Peak	100	103	P
2	2390.00	-3.54	36.99	33.45	54.00	-20.55	Average	100	103	P
3	4824.00	3.83	39.45	43.28	74.00	-30.72	Peak	100	134	P
4	4824.00	3.83	26.49	30.32	54.00	-23.68	Average	100	134	P
5	7236.00	8.26	37.56	45.82	74.00	-28.18	Peak	100	122	P
6	7236.00	8.26	24.39	32.65	54.00	-21.35	Average	100	122	P

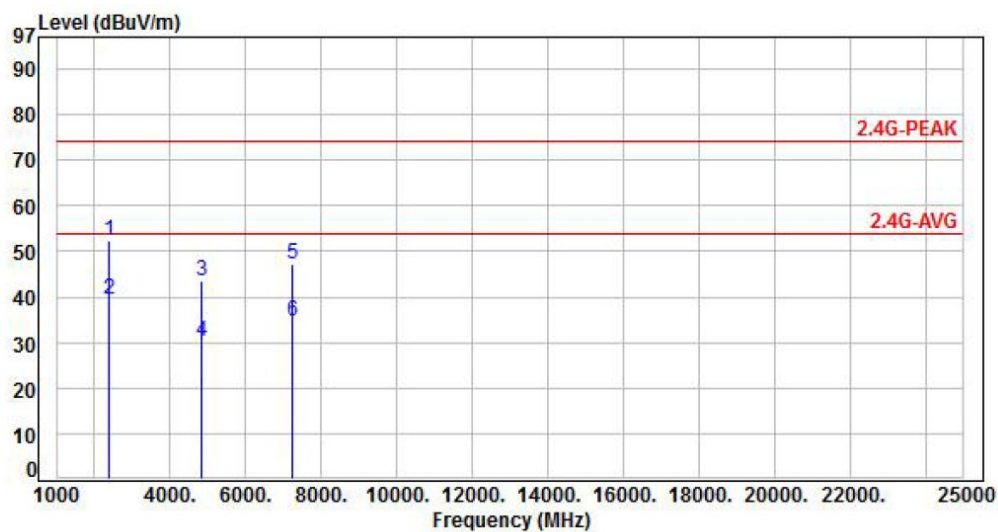
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	56.00	52.46	74.00	-21.54	Peak	100	111	P
2	2390.00	-3.54	42.99	39.45	54.00	-14.55	Average	100	111	P
3	4824.00	3.83	39.51	43.34	74.00	-30.66	Peak	100	244	P
4	4824.00	3.83	26.32	30.15	54.00	-23.85	Average	100	244	P
5	7236.00	8.26	39.03	47.29	74.00	-26.71	Peak	100	226	P
6	7236.00	8.26	26.26	34.52	54.00	-19.48	Average	100	226	P

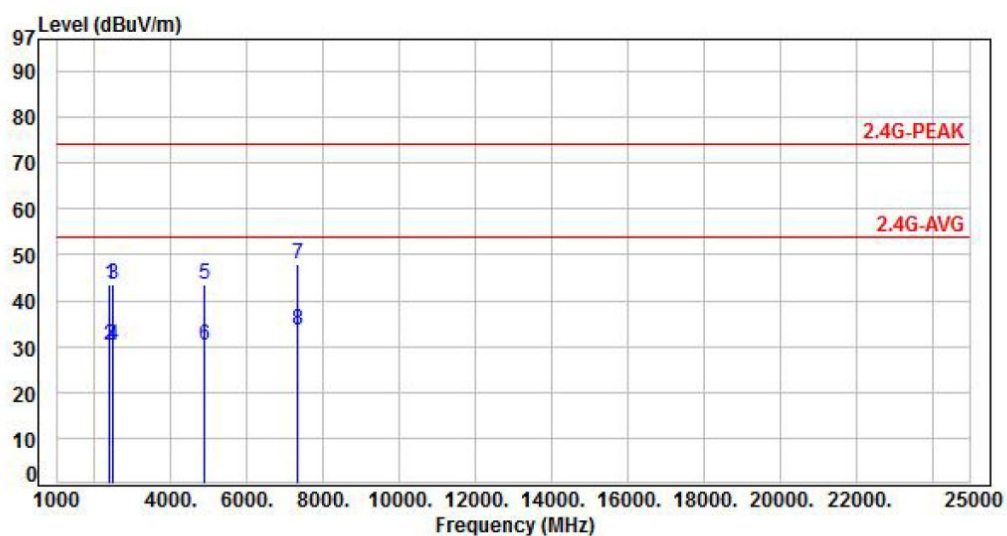
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	47.19	43.65	74.00	-30.35	Peak	100	334	P
2	2390.00	-3.54	33.88	30.34	54.00	-23.66	Average	100	334	P
3	2483.50	-3.30	46.66	43.36	74.00	-30.64	Peak	100	220	P
4	2483.50	-3.30	33.69	30.39	54.00	-23.61	Average	100	220	P
5	4874.00	4.00	39.65	43.65	74.00	-30.35	Peak	100	222	P
6	4874.00	4.00	26.15	30.15	54.00	-23.85	Average	100	222	P
7	7311.00	8.64	39.18	47.82	74.00	-26.18	Peak	100	55	P
8	7311.00	8.64	24.90	33.54	54.00	-20.46	Average	100	55	P

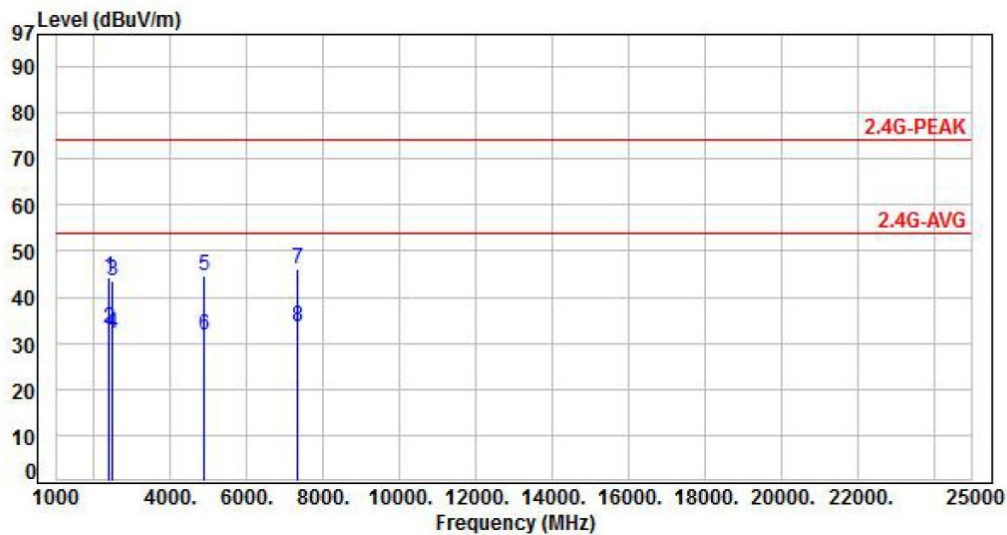
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	47.77	44.23	74.00	-29.77	Peak	100	170	P
2	2390.00	-3.54	36.59	33.05	54.00	-20.95	Average	100	170	P
3	2483.50	-3.30	46.92	43.62	74.00	-30.38	Peak	100	125	P
4	2483.50	-3.30	35.53	32.23	54.00	-21.77	Average	100	125	P
5	4874.00	4.00	40.54	44.54	74.00	-29.46	Peak	100	128	P
6	4874.00	4.00	27.56	31.56	54.00	-22.44	Average	100	128	P
7	7311.00	8.64	37.57	46.21	74.00	-27.79	Peak	100	74	P
8	7311.00	8.64	25.01	33.65	54.00	-20.35	Average	100	74	P

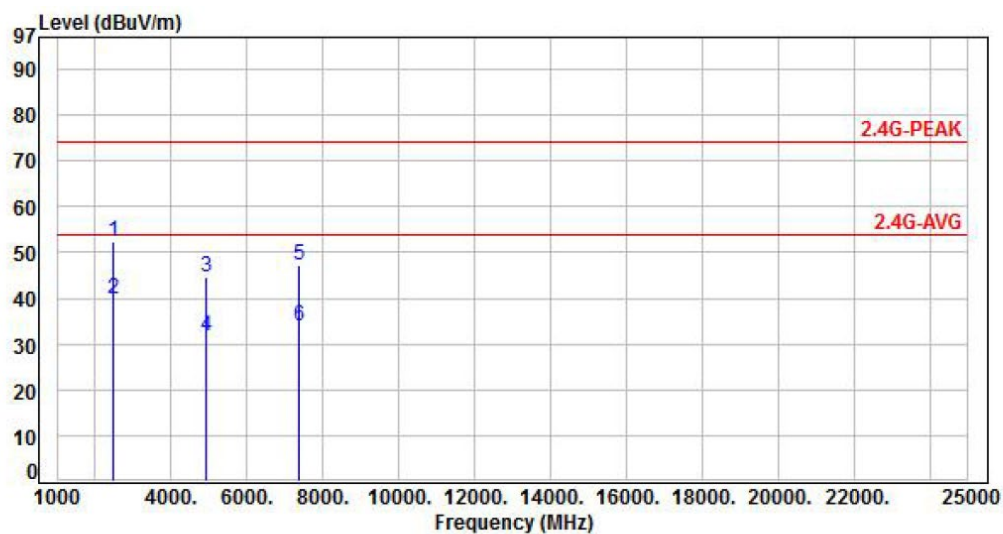
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	-3.30	55.66	52.36	74.00	-21.64	Peak	100	43	P
2	2483.50	-3.30	42.98	39.68	54.00	-14.32	Average	100	43	P
3	4924.00	4.20	40.32	44.52	74.00	-29.48	Peak	100	186	P
4	4924.00	4.20	27.35	31.55	54.00	-22.45	Average	100	186	P
5	7386.00	8.66	38.55	47.21	74.00	-26.79	Peak	100	239	P
6	7386.00	8.66	25.40	34.06	54.00	-19.94	Average	100	239	P

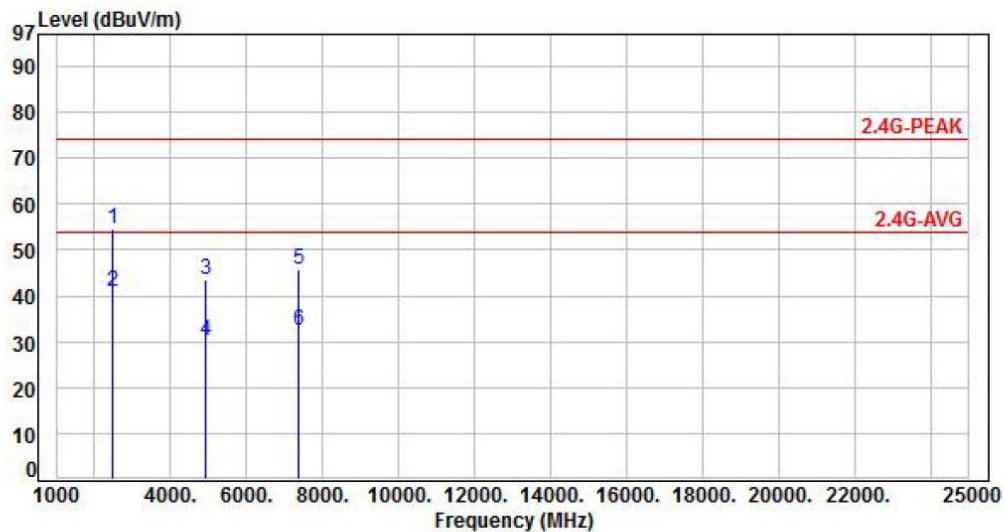
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	-3.30	57.91	54.61	74.00	-19.39	Peak	100	288	P
2	2483.50	-3.30	44.32	41.02	54.00	-12.98	Average	100	288	P
3	4924.00	4.20	39.48	43.68	74.00	-30.32	Peak	100	206	P
4	4924.00	4.20	26.15	30.35	54.00	-23.65	Average	100	206	P
5	7386.00	8.66	37.01	45.67	74.00	-28.33	Peak	100	112	P
6	7386.00	8.66	23.75	32.41	54.00	-21.59	Average	100	112	P

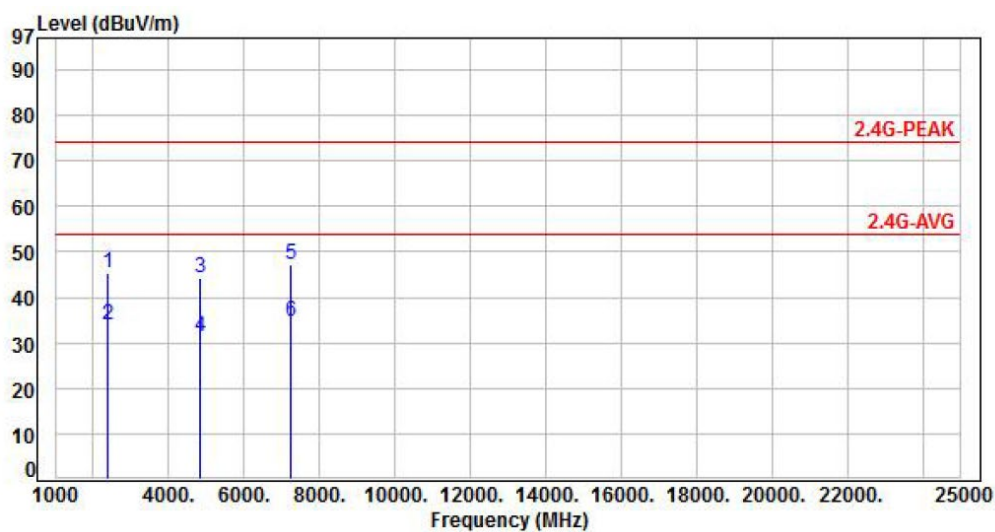
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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

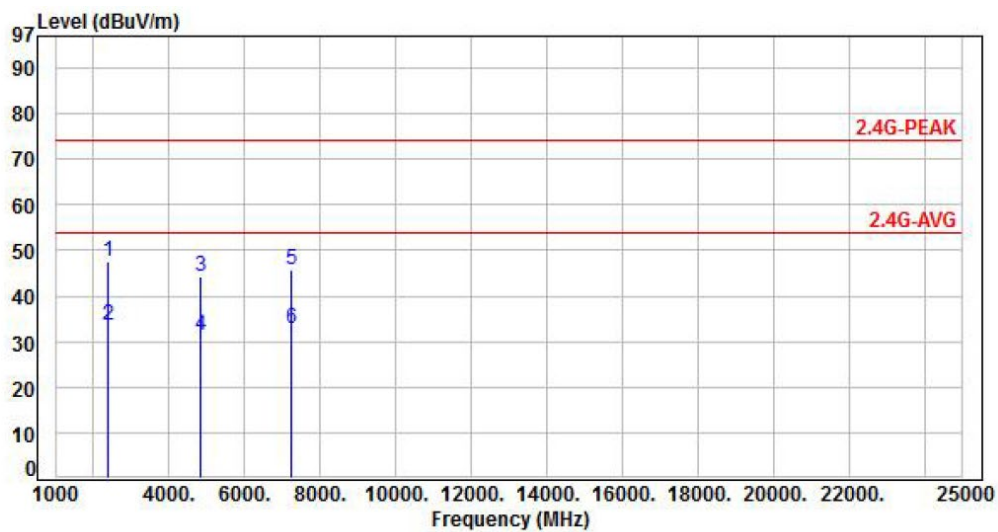


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	49.05	45.51	74.00	-28.49	Peak	100	241	P
2	2390.00	-3.54	37.51	33.97	54.00	-20.03	Average	100	241	P
3	4824.00	3.83	40.33	44.16	74.00	-29.84	Peak	100	105	P
4	4824.00	3.83	27.60	31.43	54.00	-22.57	Average	100	105	P
5	7236.00	8.26	39.11	47.37	74.00	-26.63	Peak	100	215	P
6	7236.00	8.26	26.42	34.68	54.00	-19.32	Average	100	215	P

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



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

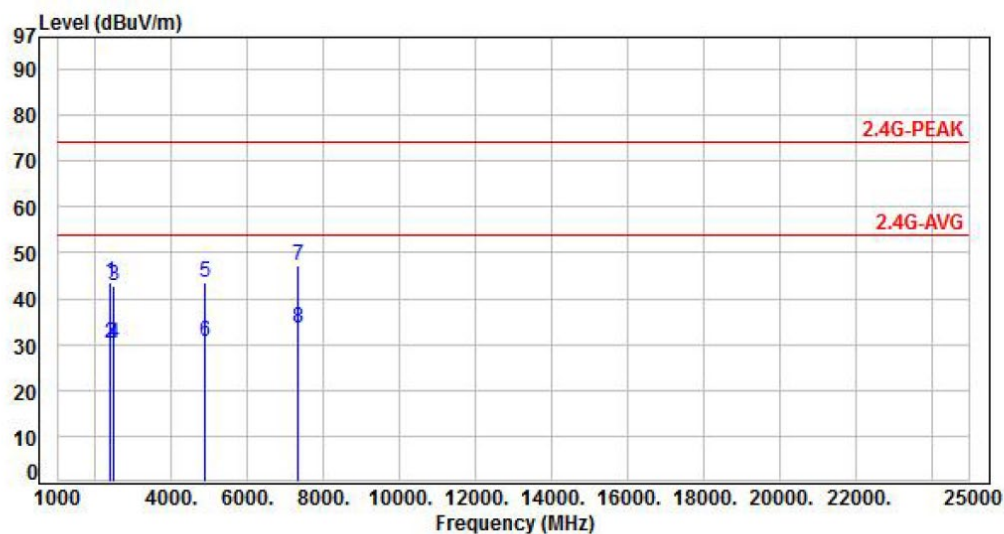


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	51.08	47.54	74.00	-26.46	Peak	100	275	P
2	2390.00	-3.54	37.12	33.58	54.00	-20.42	Average	100	275	P
3	4824.00	3.83	40.45	44.28	74.00	-29.72	Peak	100	150	P
4	4824.00	3.83	27.62	31.45	54.00	-22.55	Average	100	150	P
5	7236.00	8.26	37.39	45.65	74.00	-28.35	Peak	100	215	P
6	7236.00	8.26	24.41	32.67	54.00	-21.33	Average	100	215	P

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



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	47.09	43.55	74.00	-30.45	Peak	100	132	P
2	2390.00	-3.54	33.84	30.30	54.00	-23.70	Average	100	132	P
3	2483.50	-3.30	46.05	42.75	74.00	-31.25	Peak	100	125	P
4	2483.50	-3.30	33.69	30.39	54.00	-23.61	Average	100	125	P
5	4874.00	4.00	39.54	43.54	74.00	-30.46	Peak	100	121	P
6	4874.00	4.00	26.52	30.52	54.00	-23.48	Average	100	121	P
7	7311.00	8.64	38.57	47.21	74.00	-26.79	Peak	100	155	P
8	7311.00	8.64	25.01	33.65	54.00	-20.35	Average	100	155	P

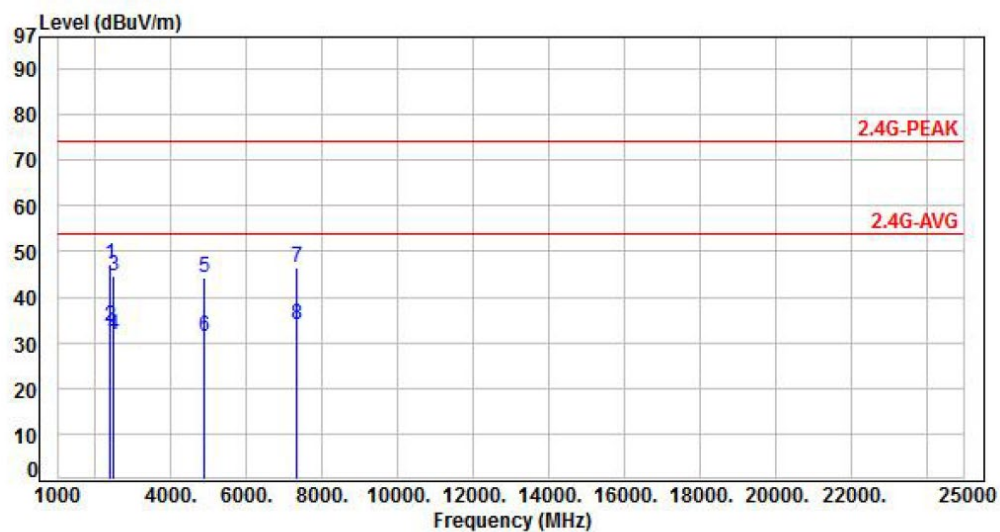
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	50.85	47.31	74.00	-26.69	Peak	100	55	P
2	2390.00	-3.54	37.22	33.68	54.00	-20.32	Average	100	55	P
3	2483.50	-3.30	47.84	44.54	74.00	-29.46	Peak	100	278	P
4	2483.50	-3.30	34.95	31.65	54.00	-22.35	Average	100	278	P
5	4874.00	4.00	40.25	44.25	74.00	-29.75	Peak	100	122	P
6	4874.00	4.00	27.27	31.27	54.00	-22.73	Average	100	122	P
7	7311.00	8.64	37.98	46.62	74.00	-27.38	Peak	100	270	P
8	7311.00	8.64	25.34	33.98	54.00	-20.02	Average	100	270	P

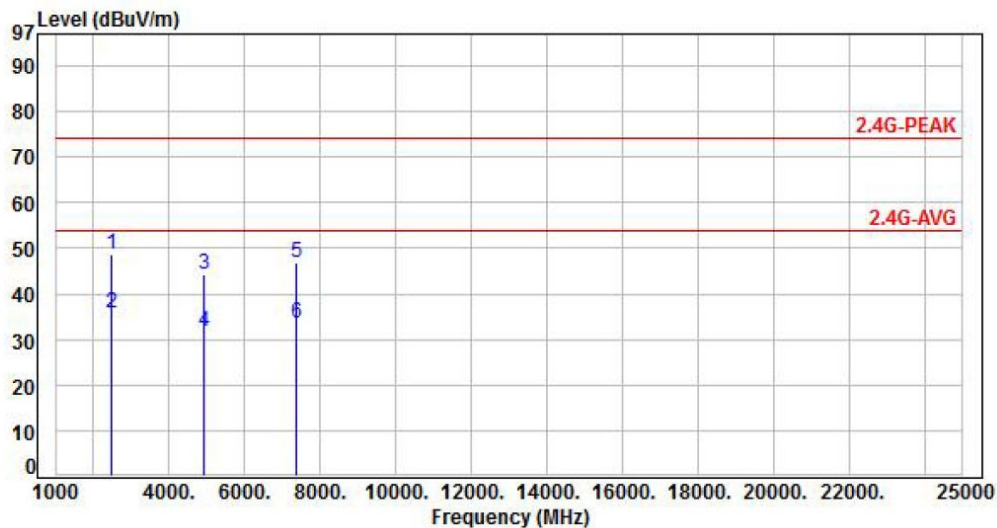
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	-3.30	51.84	48.54	74.00	-25.46	Peak	100	116	P
2	2483.50	-3.30	39.11	35.81	54.00	-18.19	Average	100	116	P
3	4924.00	4.20	40.14	44.34	74.00	-29.66	Peak	100	198	P
4	4924.00	4.20	27.36	31.56	54.00	-22.44	Average	100	198	P
5	7386.00	8.66	38.16	46.82	74.00	-27.18	Peak	100	283	P
6	7386.00	8.66	24.98	33.64	54.00	-20.36	Average	100	283	P

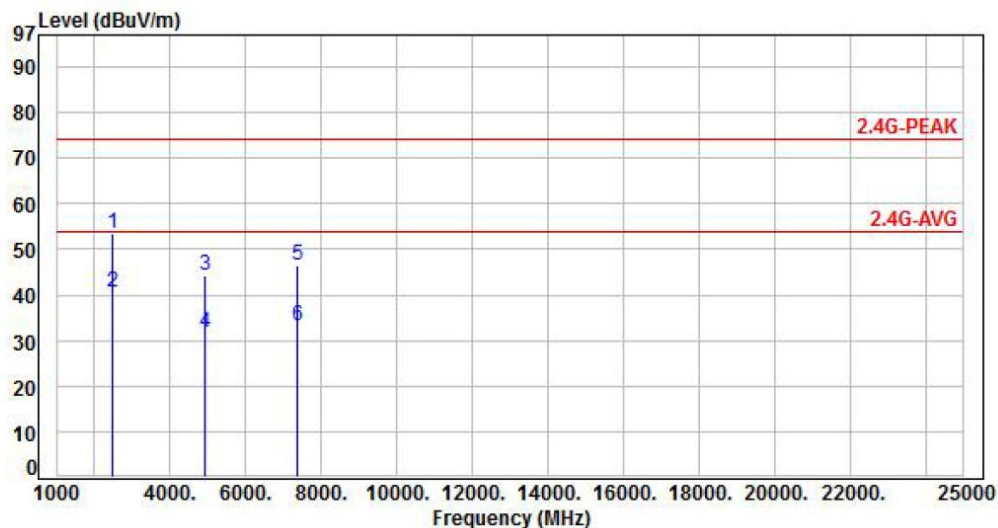
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	-3.30	56.88	53.58	74.00	-20.42	Peak	100	123	P
2	2483.50	-3.30	43.85	40.55	54.00	-13.45	Average	100	123	P
3	4924.00	4.20	40.05	44.25	74.00	-29.75	Peak	100	155	P
4	4924.00	4.20	27.58	31.78	54.00	-22.22	Average	100	155	P
5	7386.00	8.66	37.73	46.39	74.00	-27.61	Peak	100	105	P
6	7386.00	8.66	24.69	33.35	54.00	-20.65	Average	100	105	P

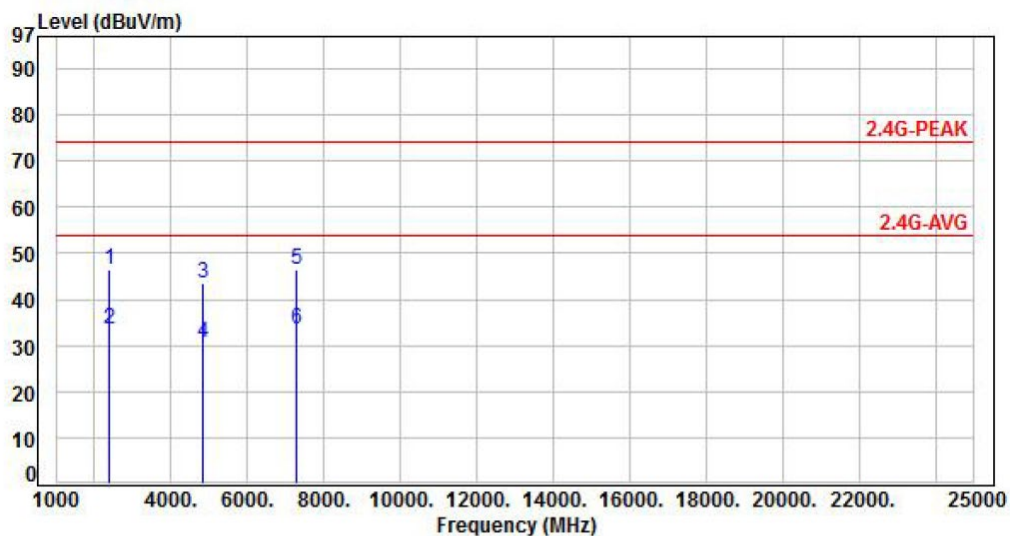
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	49.83	46.29	74.00	-27.71	Peak	100	200	P
2	2390.00	-3.54	37.06	33.52	54.00	-20.48	Average	100	200	P
3	4844.00	3.90	39.65	43.55	74.00	-30.45	Peak	100	28	P
4	4844.00	3.90	26.56	30.46	54.00	-23.54	Average	100	28	P
5	7266.00	8.44	37.94	46.38	74.00	-27.62	Peak	100	201	P
6	7266.00	8.44	25.23	33.67	54.00	-20.33	Average	100	201	P

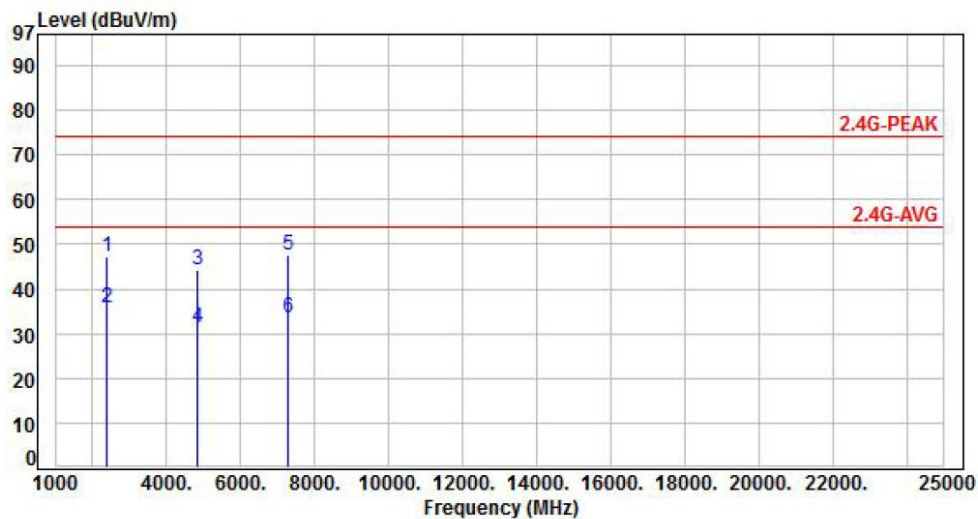
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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

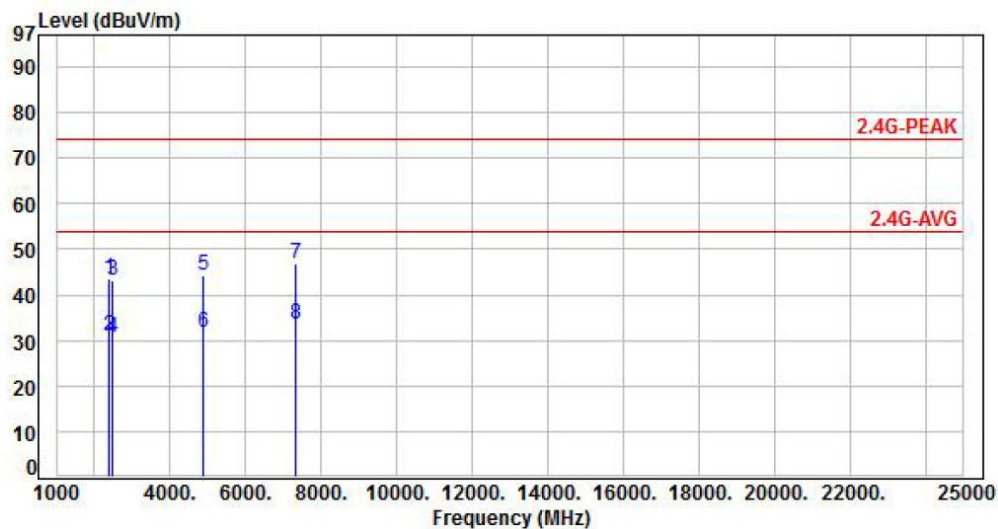


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	50.89	47.35	74.00	-26.65	Peak	100	252	P
2	2390.00	-3.54	39.15	35.61	54.00	-18.39	Average	100	252	P
3	4844.00	3.90	40.39	44.29	74.00	-29.71	Peak	100	202	P
4	4844.00	3.90	27.57	31.47	54.00	-22.53	Average	100	202	P
5	7266.00	8.44	39.24	47.68	74.00	-26.32	Peak	100	177	P
6	7266.00	8.44	25.21	33.65	54.00	-20.35	Average	100	177	P

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



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	47.06	43.52	74.00	-30.48	Peak	100	327	P
2	2390.00	-3.54	34.61	31.07	54.00	-22.93	Average	100	327	P
3	2483.50	-3.30	46.45	43.15	74.00	-30.85	Peak	100	216	P
4	2483.50	-3.30	33.87	30.57	54.00	-23.43	Average	100	216	P
5	4874.00	4.00	40.39	44.39	74.00	-29.61	Peak	100	235	P
6	4874.00	4.00	27.54	31.54	54.00	-22.46	Average	100	235	P
7	7311.00	8.64	38.08	46.72	74.00	-27.28	Peak	100	269	P
8	7311.00	8.64	25.04	33.68	54.00	-20.32	Average	100	269	P

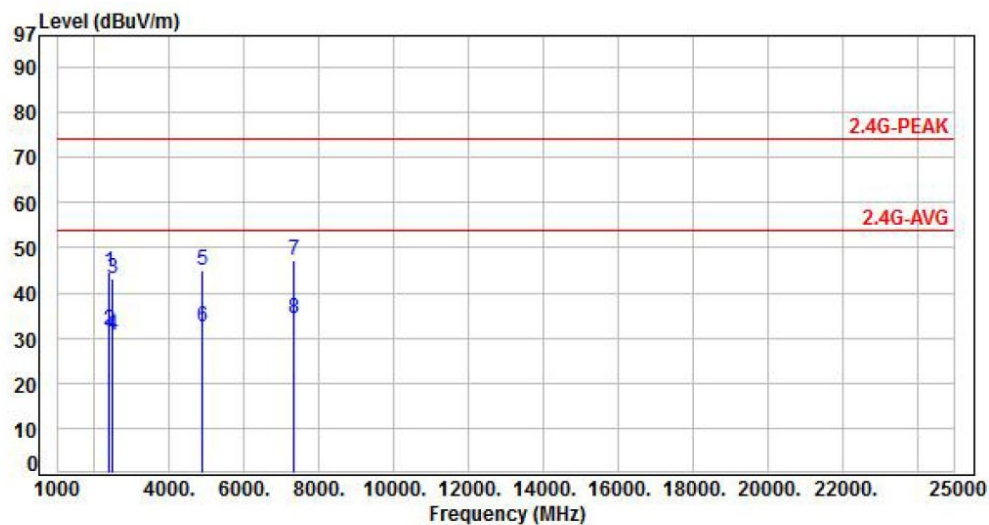
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.54	48.32	44.78	74.00	-29.22	Peak	100	183	P
2	2390.00	-3.54	35.17	31.63	54.00	-22.37	Average	100	183	P
3	2483.50	-3.30	46.55	43.25	74.00	-30.75	Peak	100	82	P
4	2483.50	-3.30	34.05	30.75	54.00	-23.25	Average	100	82	P
5	4874.00	4.00	41.07	45.07	74.00	-28.93	Peak	100	211	P
6	4874.00	4.00	28.64	32.64	54.00	-21.36	Average	100	211	P
7	7311.00	8.64	38.58	47.22	74.00	-26.78	Peak	100	153	P
8	7311.00	8.64	25.62	34.26	54.00	-19.74	Average	100	153	P

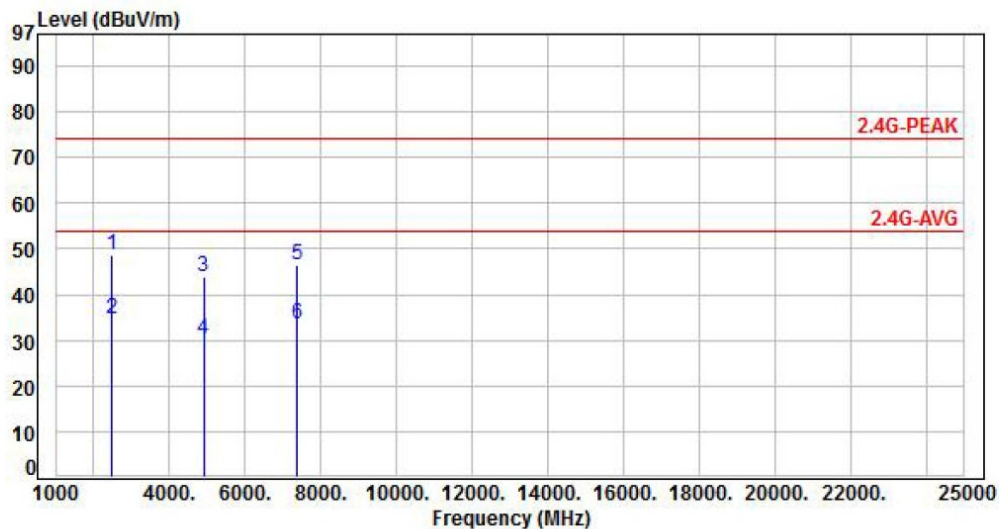
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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

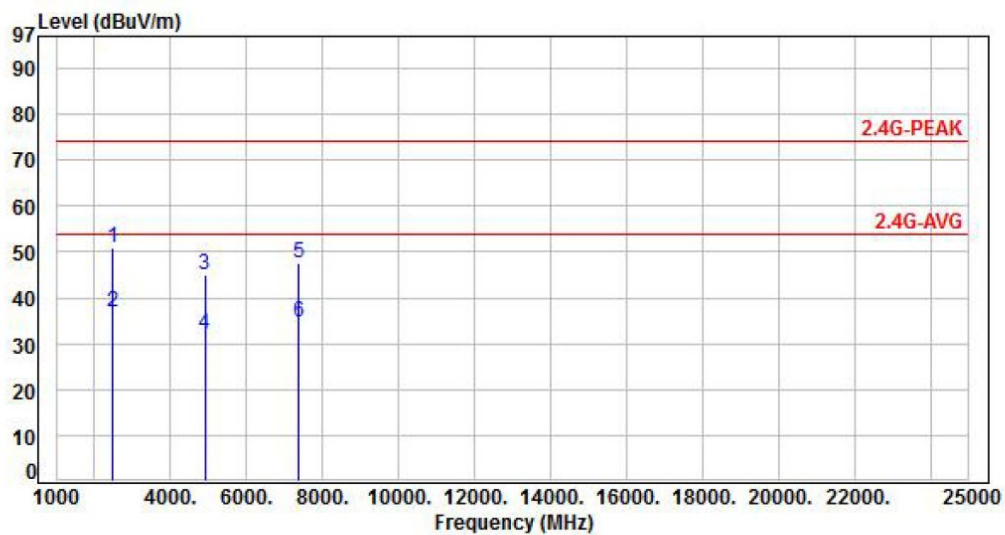


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	-3.30	51.93	48.63	74.00	-25.37	Peak	100	105	P
2	2483.50	-3.30	37.84	34.54	54.00	-19.46	Average	100	105	P
3	4904.00	4.10	39.88	43.98	74.00	-30.02	Peak	100	270	P
4	4904.00	4.10	26.28	30.38	54.00	-23.62	Average	100	270	P
5	7356.00	8.59	37.93	46.52	74.00	-27.48	Peak	100	256	P
6	7356.00	8.59	25.08	33.67	54.00	-20.33	Average	100	256	P

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



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



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2483.50	32.65	18.13	50.78	74.00	-23.22	Peak	100	225	P
2	2483.50	32.65	4.28	36.93	54.00	-17.07	Average	100	225	P
3	4904.00	39.38	5.77	45.15	74.00	-28.85	Peak	100	278	P
4	4904.00	39.38	-7.15	32.23	54.00	-21.77	Average	100	278	P
5	7356.00	44.01	3.55	47.56	74.00	-26.44	Peak	100	56	P
6	7356.00	44.01	-9.49	34.52	54.00	-19.48	Average	100	56	P

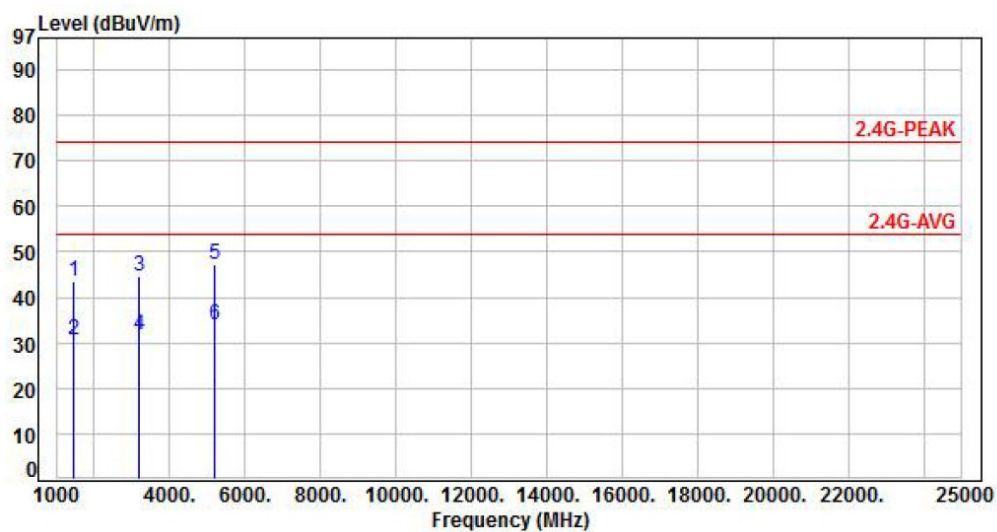
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, CH01		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1438.00	-7.77	51.34	43.57	74.00	-30.43	Peak	100	215	P
2	1438.00	-7.77	38.42	30.65	54.00	-23.35	Average	100	215	P
3	3182.00	-0.21	44.72	44.51	74.00	-29.49	Peak	100	148	P
4	3182.00	-0.21	31.93	31.72	54.00	-22.28	Average	100	148	P
5	5193.00	4.82	42.57	47.39	74.00	-26.61	Peak	100	328	P
6	5193.00	4.82	29.20	34.02	54.00	-19.98	Average	100	318	P

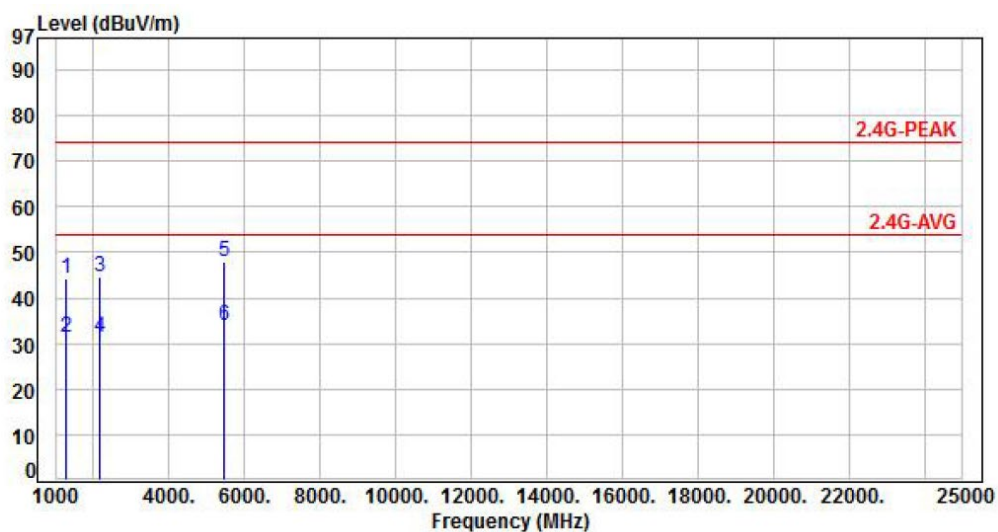
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, CH01		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1294.00	-8.69	53.00	44.31	74.00	-29.69	Peak	100	121	P
2	1294.00	-8.69	40.02	31.33	54.00	-22.67	Average	100	121	P
3	2161.00	-4.36	49.11	44.75	74.00	-29.25	Peak	100	108	P
4	2161.00	-4.36	35.81	31.45	54.00	-22.55	Average	100	108	P
5	5458.00	5.40	42.48	47.88	74.00	-26.12	Peak	100	125	P
6	5458.00	5.40	28.49	33.89	54.00	-20.11	Average	100	125	P

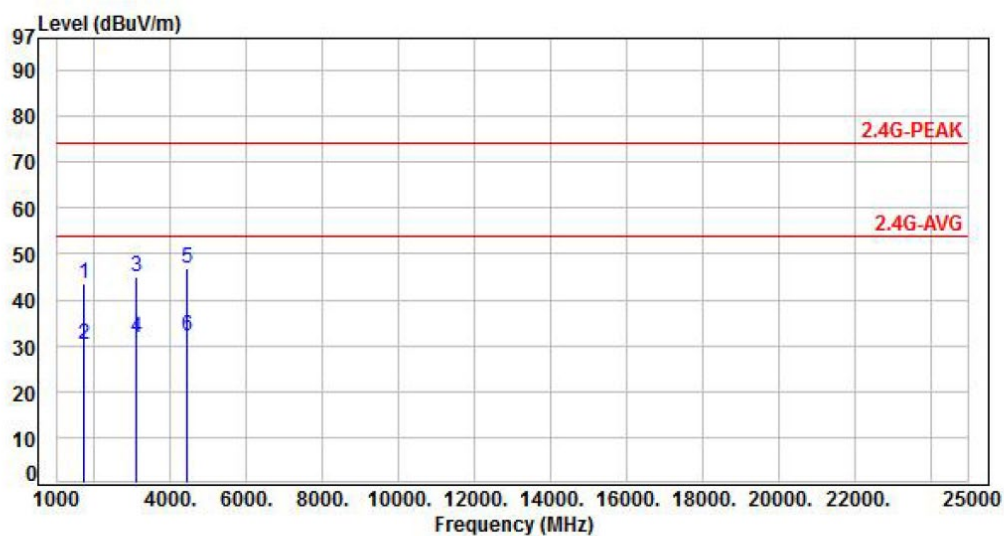
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, CH06		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1732.00	-6.26	49.80	43.54	74.00	-30.46	Peak	100	207	P
2	1732.00	-6.26	36.44	30.18	54.00	-23.82	Average	100	207	P
3	3082.00	-0.63	45.67	45.04	74.00	-28.96	Peak	100	228	P
4	3082.00	-0.63	32.48	31.85	54.00	-22.15	Average	100	228	P
5	4439.00	2.53	44.20	46.73	74.00	-27.27	Peak	100	250	P
6	4439.00	2.53	29.70	32.23	54.00	-21.77	Average	100	250	P

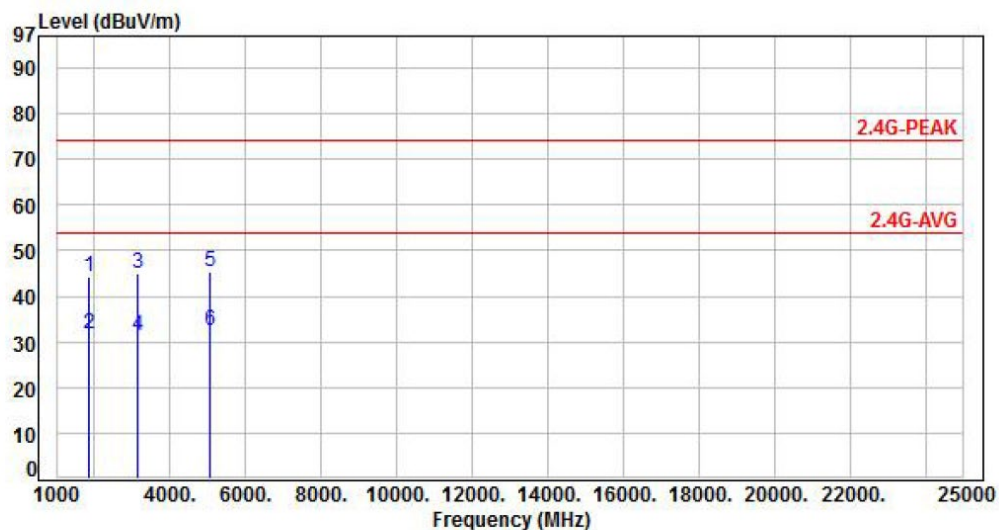
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, CH06		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1841.00	-5.57	49.88	44.31	74.00	-29.69	Peak	100	108	P
2	1841.00	-5.57	37.31	31.74	54.00	-22.26	Average	100	108	P
3	3125.00	-0.36	45.23	44.87	74.00	-29.13	Peak	100	183	P
4	3125.00	-0.36	31.74	31.38	54.00	-22.62	Average	100	183	P
5	5079.00	4.67	40.56	45.23	74.00	-28.77	Peak	100	222	P
6	5079.00	4.67	27.87	32.54	54.00	-21.46	Average	100	222	P

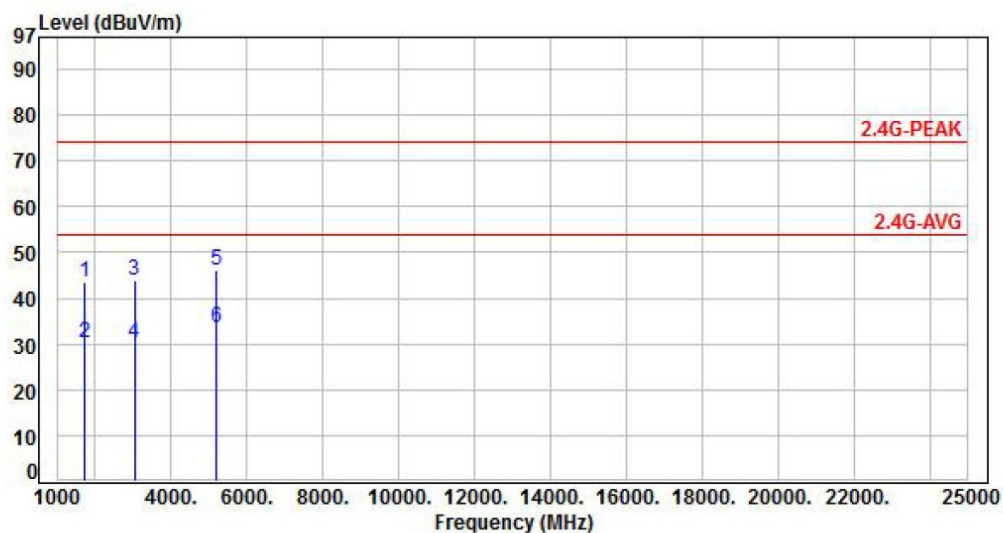
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, CH11		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1735.00	-6.24	49.78	43.54	74.00	-30.46	Peak	100	120	P
2	1735.00	-6.24	36.60	30.36	54.00	-23.64	Average	100	120	P
3	3034.00	-0.91	44.66	43.75	74.00	-30.25	Peak	100	72	P
4	3034.00	-0.91	31.28	30.37	54.00	-23.63	Average	100	72	P
5	5188.00	4.82	41.44	46.26	74.00	-27.74	Peak	100	108	P
6	5188.00	4.82	28.86	33.68	54.00	-20.32	Average	100	108	P

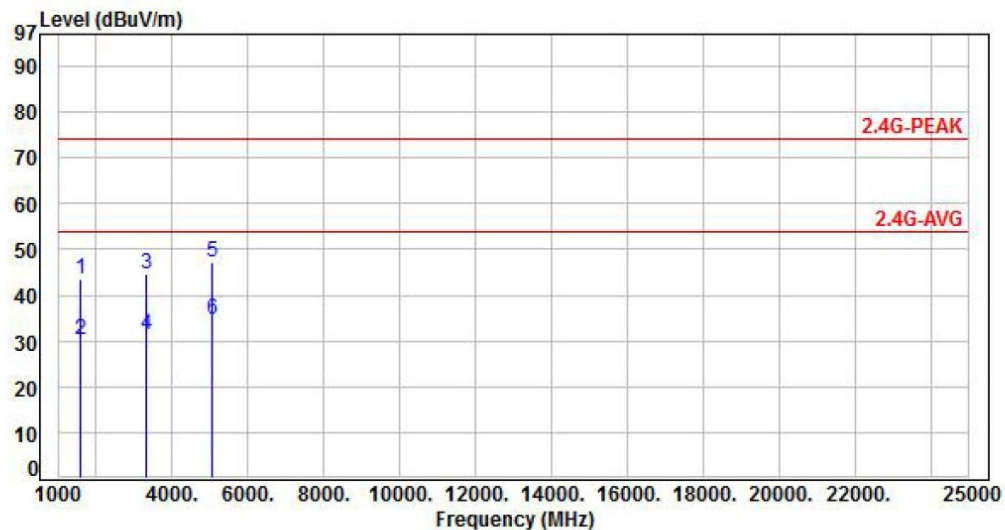
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 110V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, CH11		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	1572.00	-7.69	51.15	43.46	74.00	-30.54	Peak	100	108	P
2	1572.00	-7.69	38.03	30.34	54.00	-23.66	Average	100	108	P
3	3317.00	0.07	44.50	44.57	74.00	-29.43	Peak	100	120	P
4	3317.00	0.07	31.35	31.42	54.00	-22.58	Average	100	120	P
5	5072.00	4.64	42.48	47.12	74.00	-26.88	Peak	100	265	P
6	5072.00	4.64	29.94	34.58	54.00	-19.42	Average	100	265	P

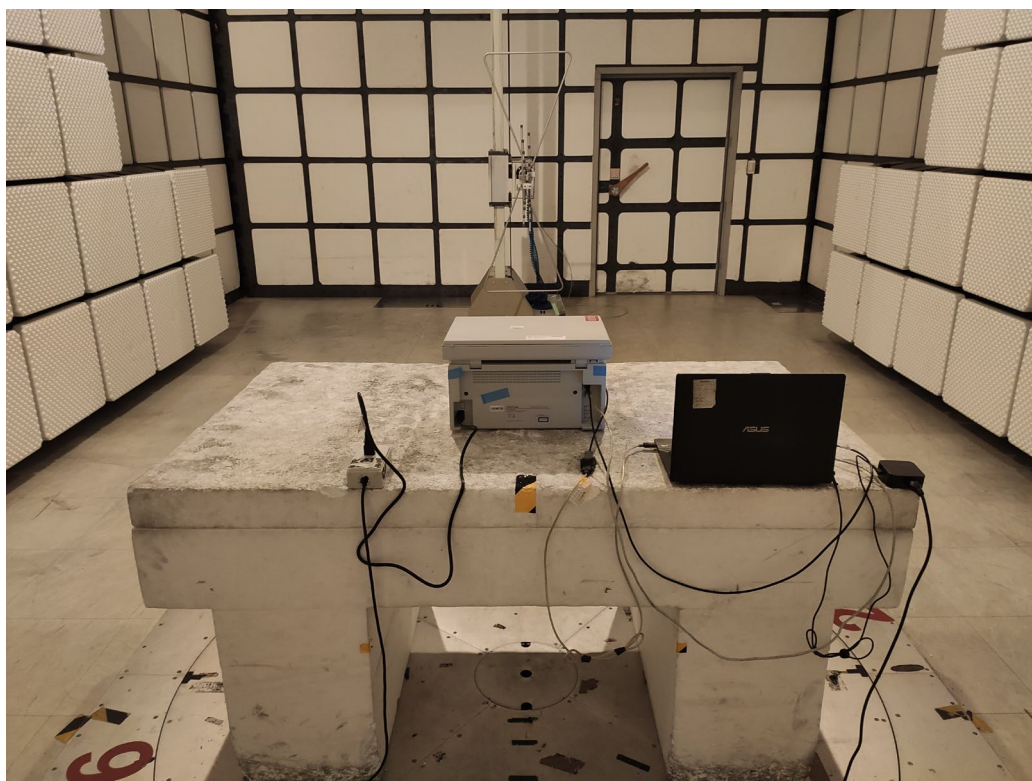
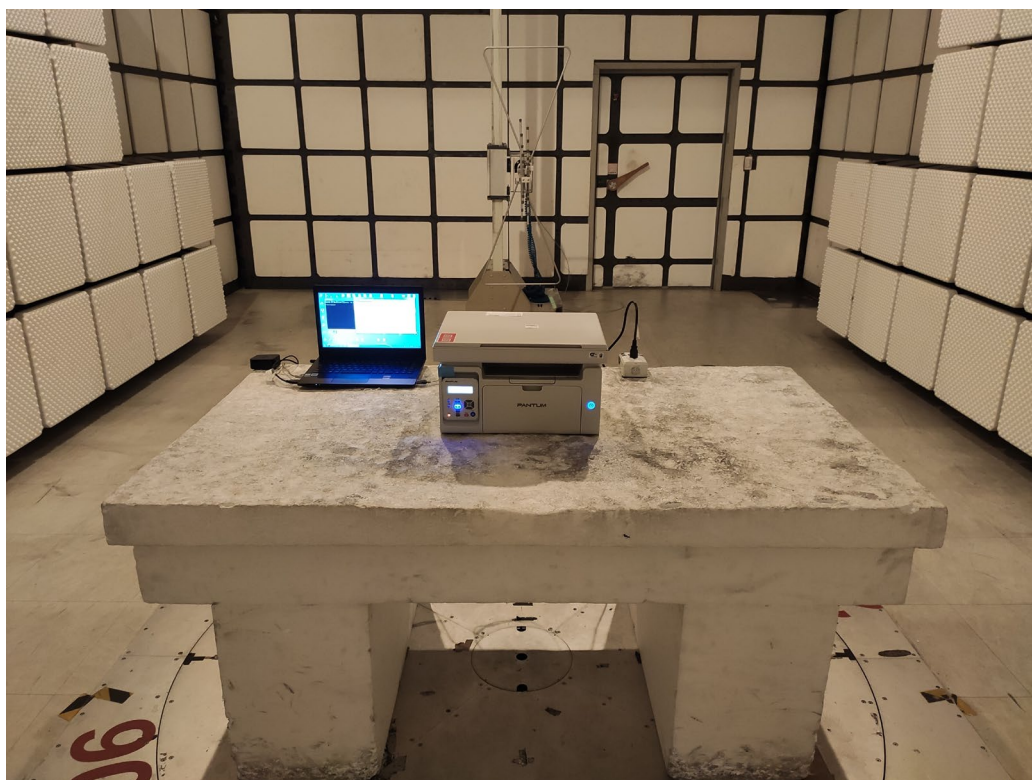
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

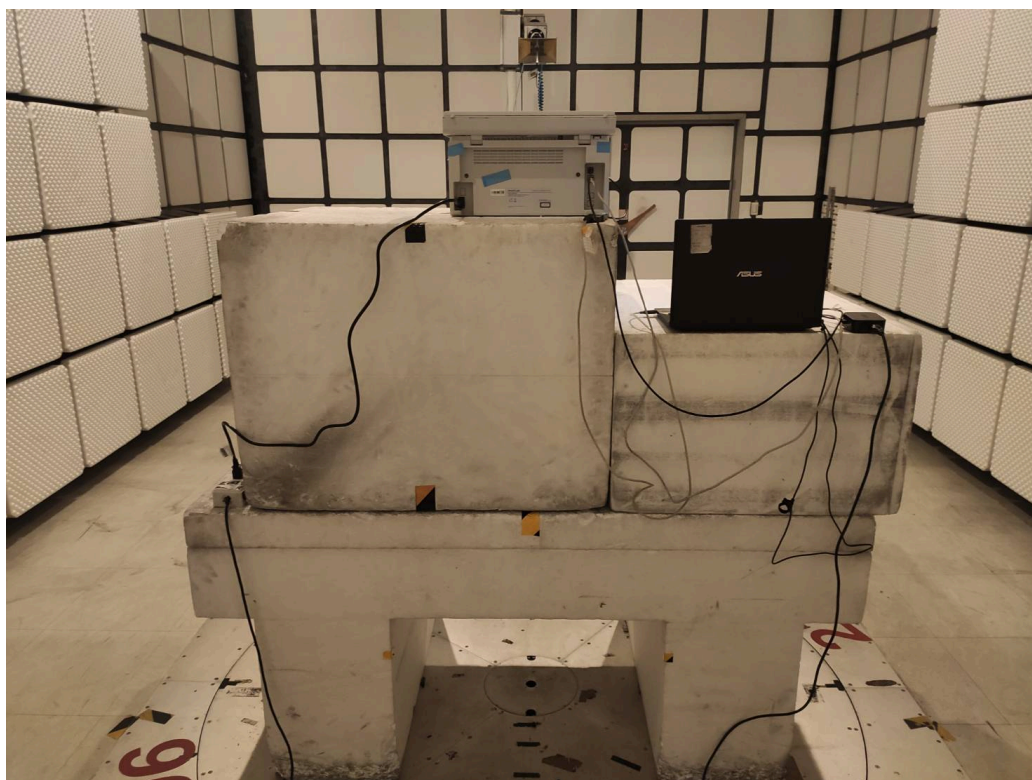
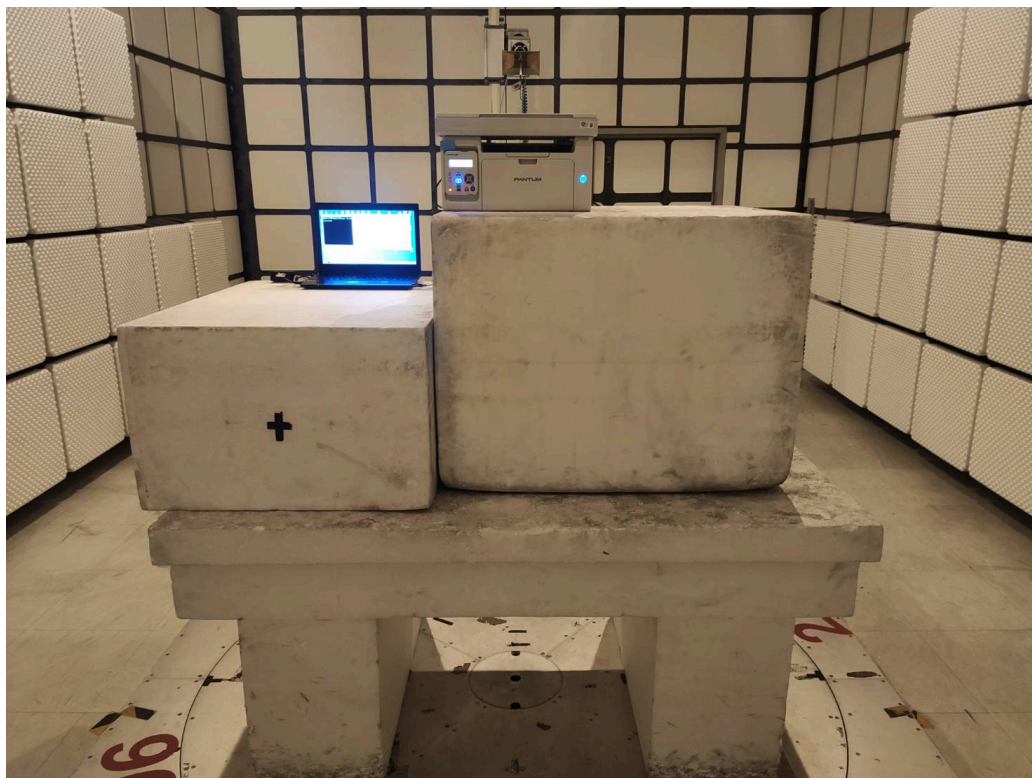


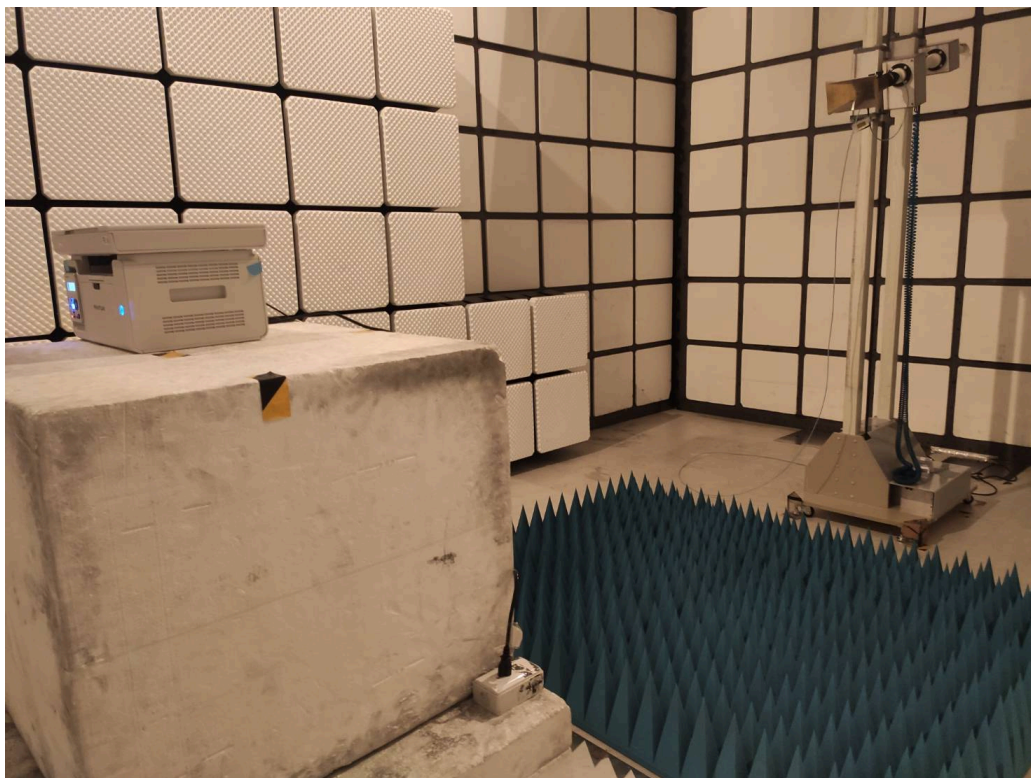
5.7. 輻射量測之配置照片(30MHz ~ 1GHz)





5.8. 輻射量測之配置照片 (1GHz ~ 25GHz)







6. On Time, Duty Cycle and Measurement methods

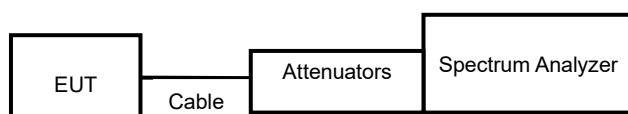
6.1. 適用標準

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

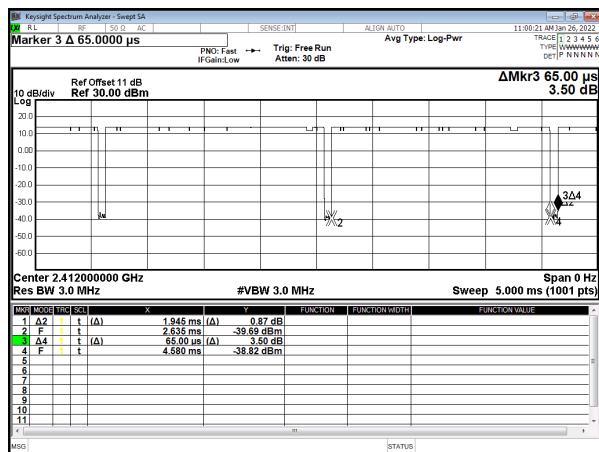


6.4. 測試結果及數據

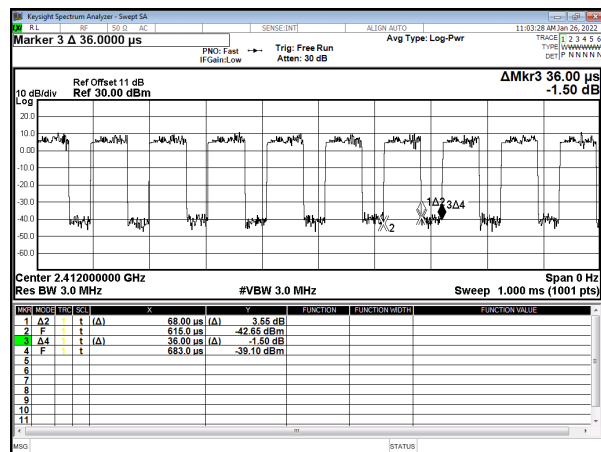
Modulation Type	On Time (msec)	Period Time (msec)	Duty Cycle (%)
802.11b	1.95	2.01	96.77%
802.11g	0.32	0.39	82.78%
802.11n HT20	0.07	0.10	65.38%
802.11n HT40	0.06	0.09	60.22%



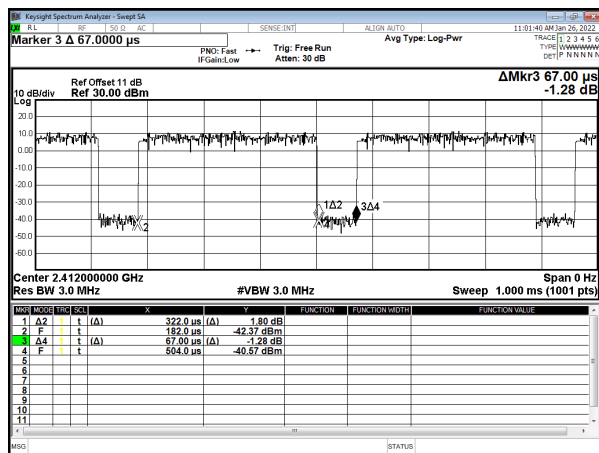
Modulation Type: 802.11b (1Mbps)



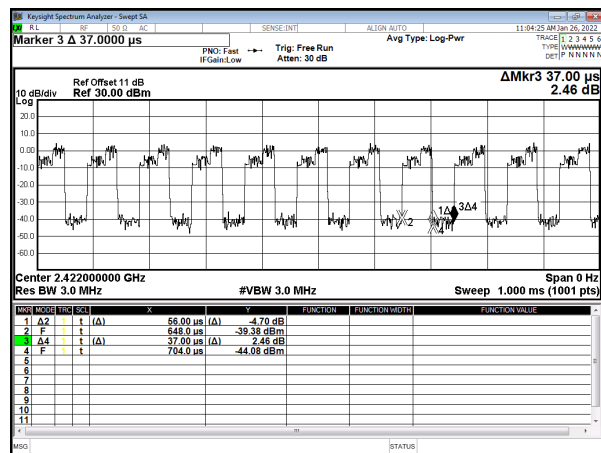
Modulation Type: 802.11n HT20 (6.5Mbps)



Modulation Type: 802.11g (6Mbps)



Modulation Type: 802.11n HT40 (13.5Mbps)





7. 6dB 頻寬之規定

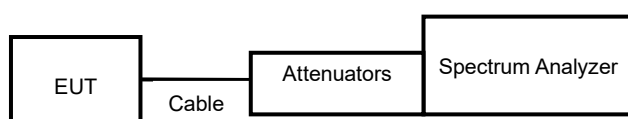
7.1. 適用標準

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





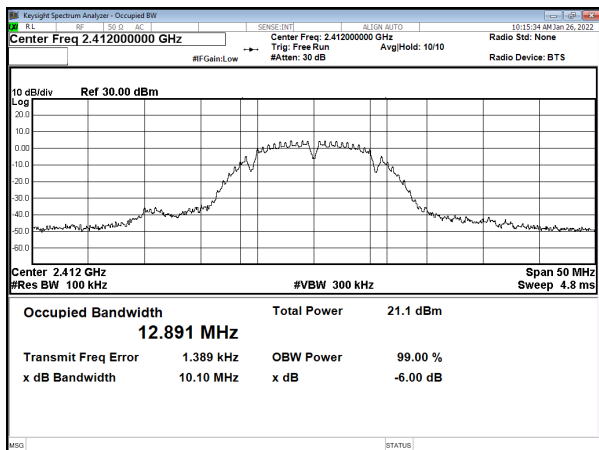
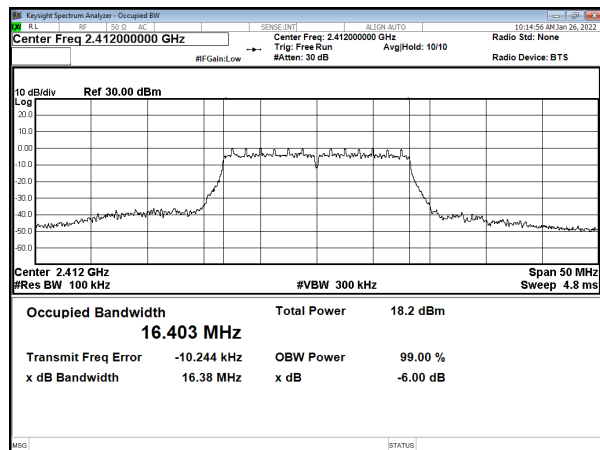
7.4. 6dB 頻寬之測試結果及數據

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11b	01	2412	10.10	0.5
	06	2437	10.09	0.5
	11	2462	9.61	0.5
11g	01	2412	16.38	0.5
	06	2437	16.38	0.5
	11	2462	16.37	0.5
11n HT20	01	2412	17.55	0.5
	06	2437	17.62	0.5
	11	2462	17.38	0.5
11n HT40	03	2422	35.47	0.5
	06	2437	36.07	0.5
	09	2452	36.15	0.5

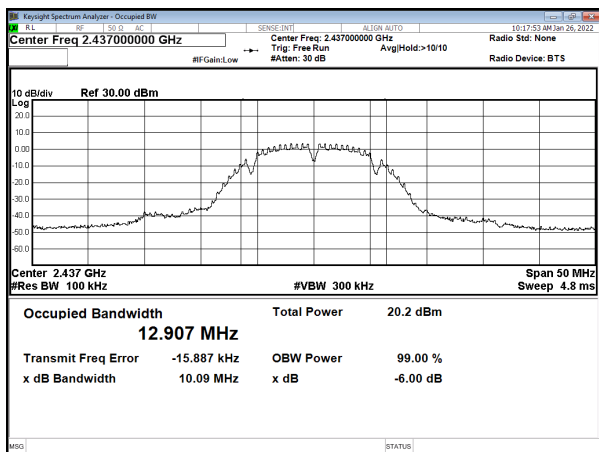
備註：繪圖資料請參考下頁。

7.5. 結果判定

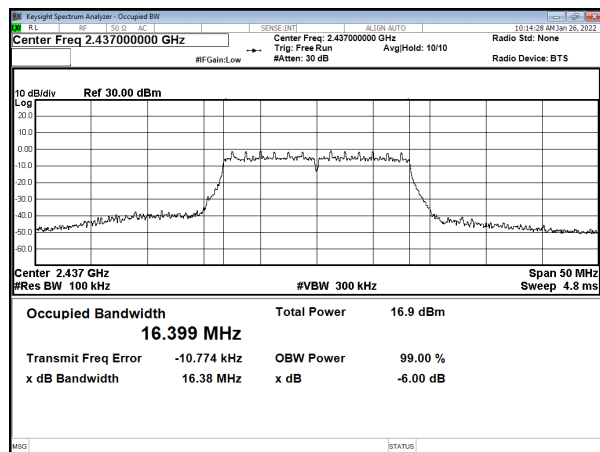
高、中、低頻段的 6dB 頻寬皆大於 500 KHz，合乎標準規定。

Modulation Type: 802.11b
CH01Modulation Type: 802.11g
CH01

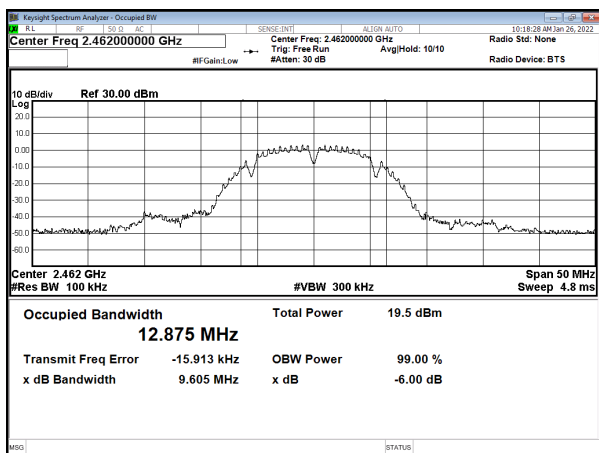
CH06



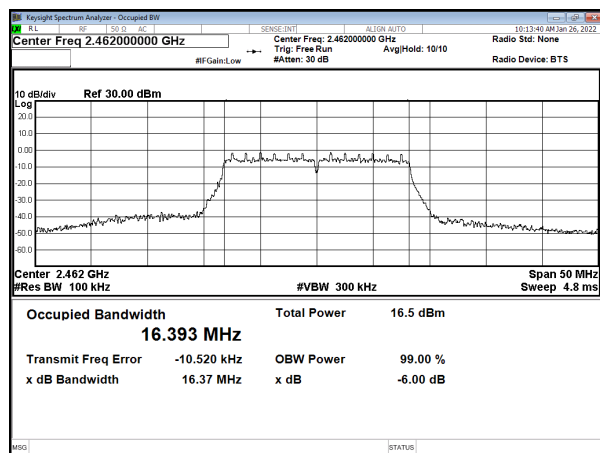
CH06

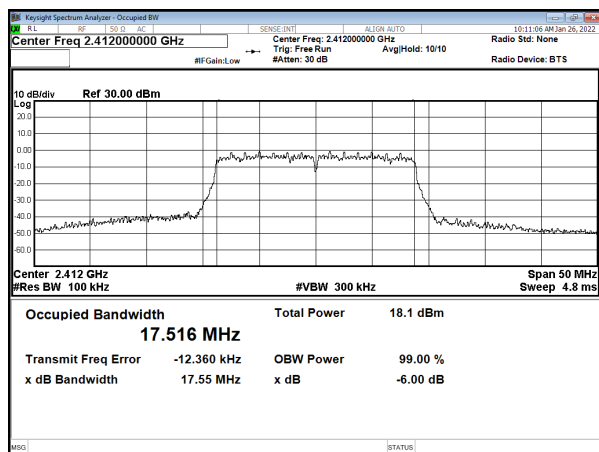
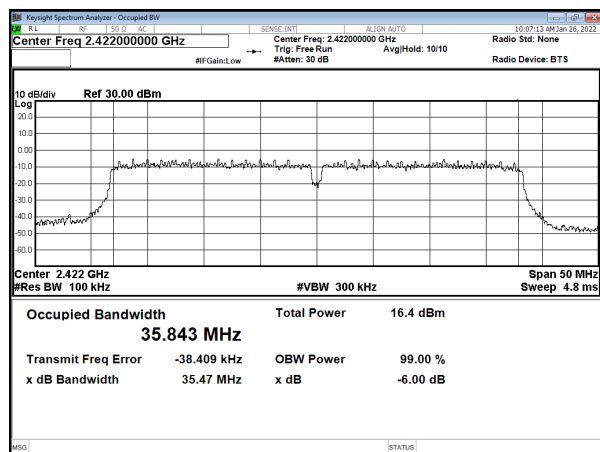


CH11

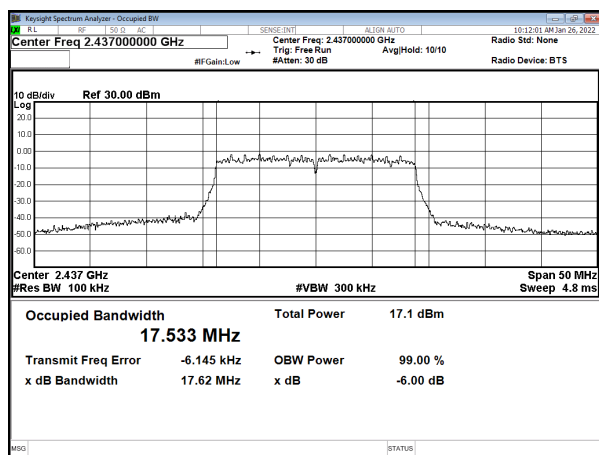


CH11

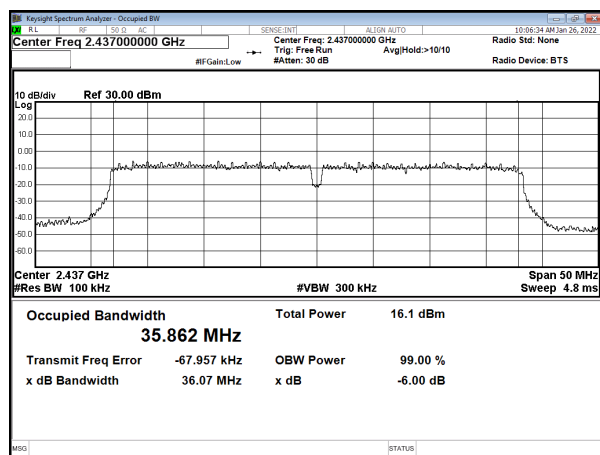


Modulation Type: 802.11n HT20
CH01Modulation Type: 802.11n HT40
CH03

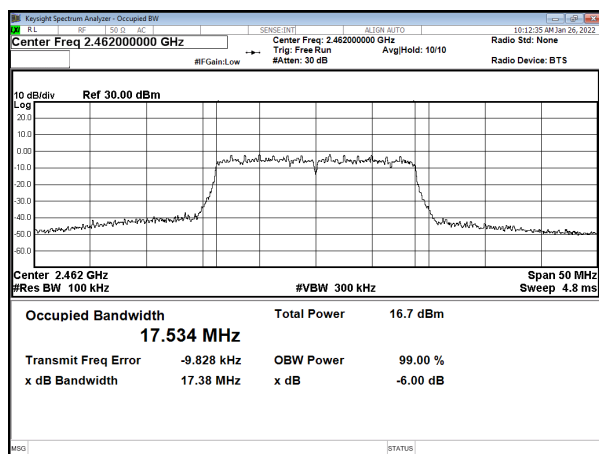
CH06



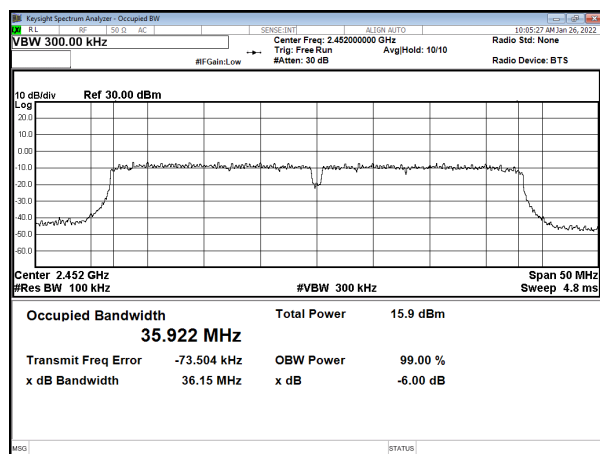
CH06



CH11



CH09





8. 峰值輸出功率之規定

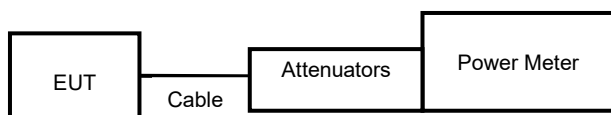
8.1. 適用標準

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			
default	11b	1	2412	16.59	16.59	45.604	30.00
default		6	2437	15.38	15.38	34.514	30.00
default		11	2462	15.12	15.12	32.509	30.00
default	11g	1	2412	19.10	19.10	81.283	30.00
default		6	2437	17.59	17.59	57.412	30.00
default		11	2462	17.37	17.37	54.576	30.00
default	11n HT20	1	2412	18.30	18.30	67.608	30.00
default		6	2437	17.23	17.23	52.845	30.00
default		11	2462	16.83	16.83	48.195	30.00
default	11n HT40	3	2422	18.09	18.09	64.417	30.00
default		6	2437	16.80	16.80	47.863	30.00
default		9	2452	16.24	16.24	42.073	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：

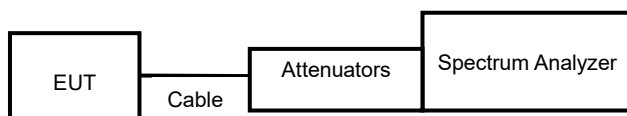
- (1) 輸出功率以峰值輸出功率方式量測者，至少需衰減 20dB，可使用射頻傳導或輻射方式測量。
- (2) 輸出功率以 4.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少需衰減 30dB，可使用射頻傳導或輻射方式測量。

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

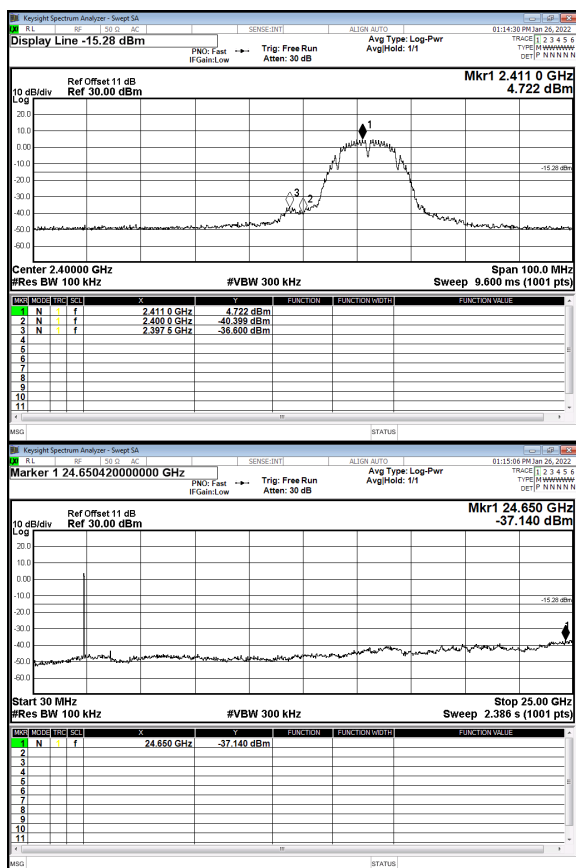
7.6.1 下邊緣頻帶：距下頻帶邊緣 40MHz 內最大混附波比主波低 20dB 以上，合乎標準規定。

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。

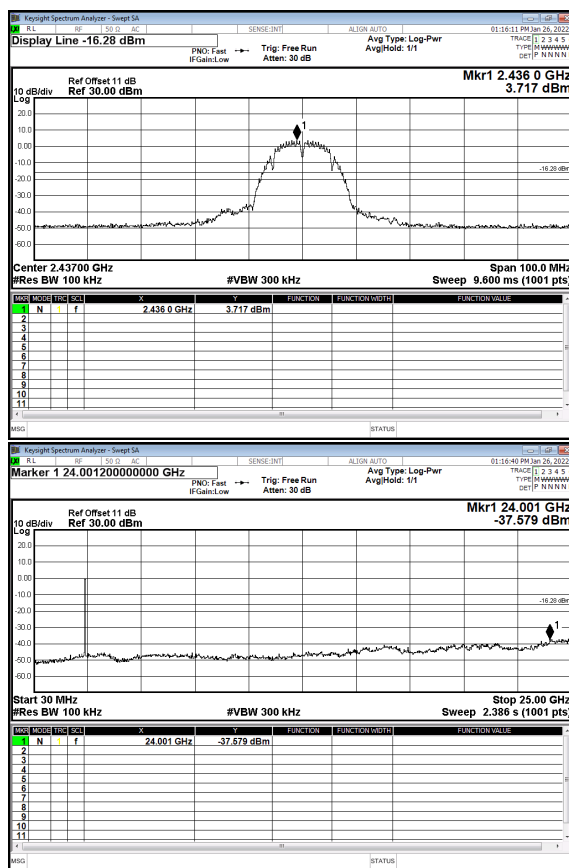
備註：繪圖資料請參考下頁。



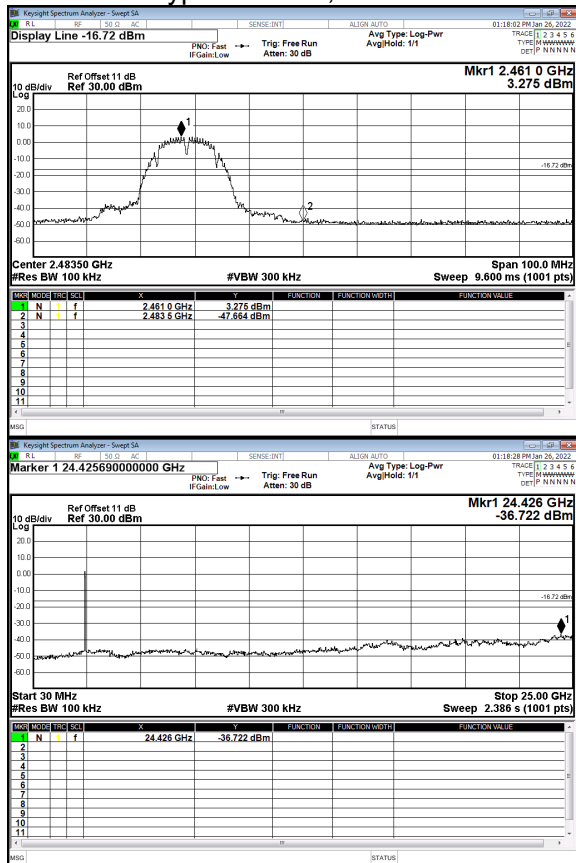
Modulation Type: 802.11b CH01



Modulation Type: 802.11b, CH 06

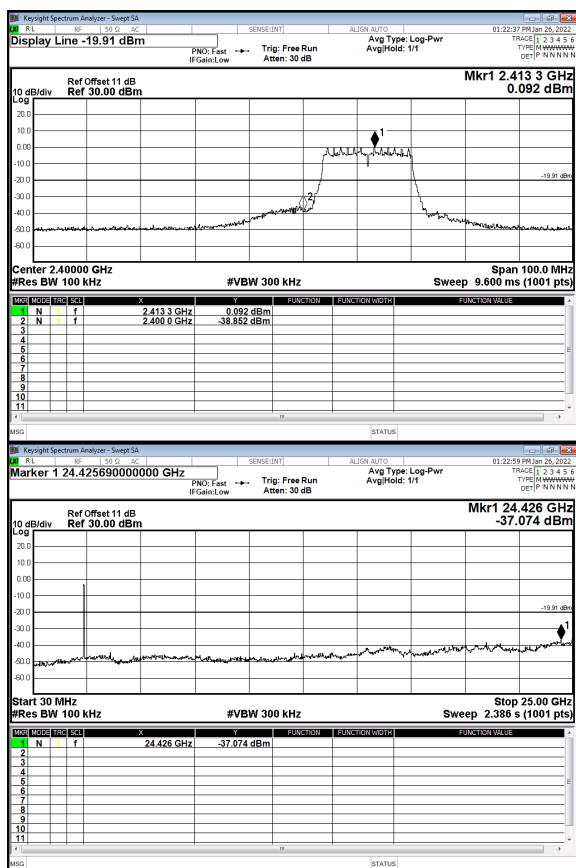


Modulation Type: 802.11b, CH 11

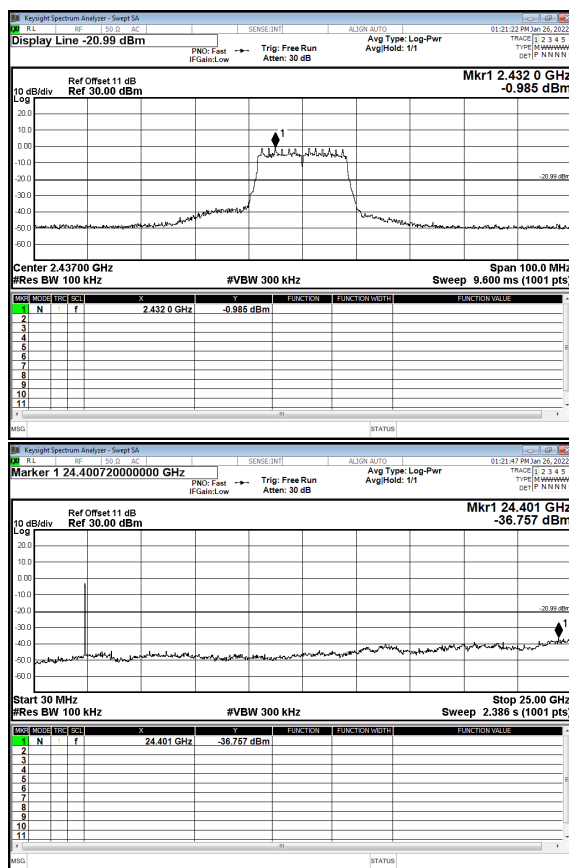




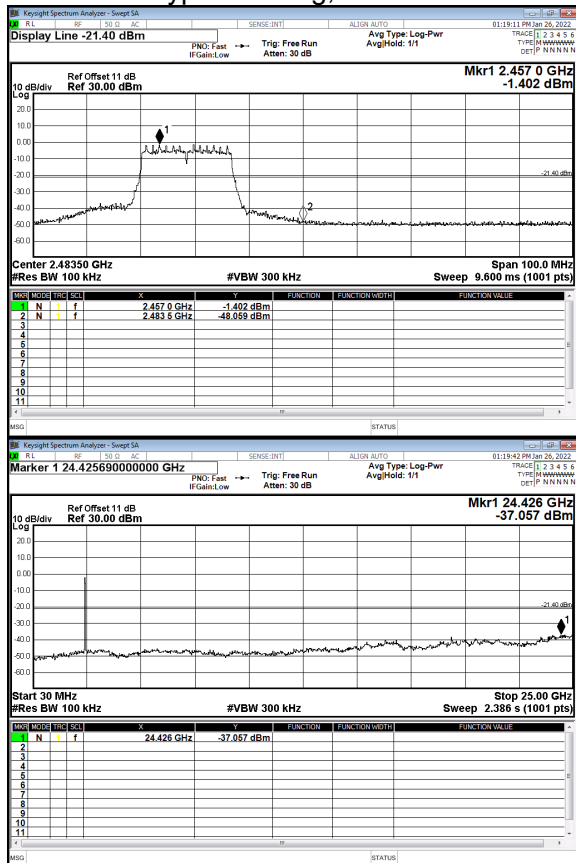
Modulation Type: 802.11g CH01



Modulation Type: 802.11g, CH 06

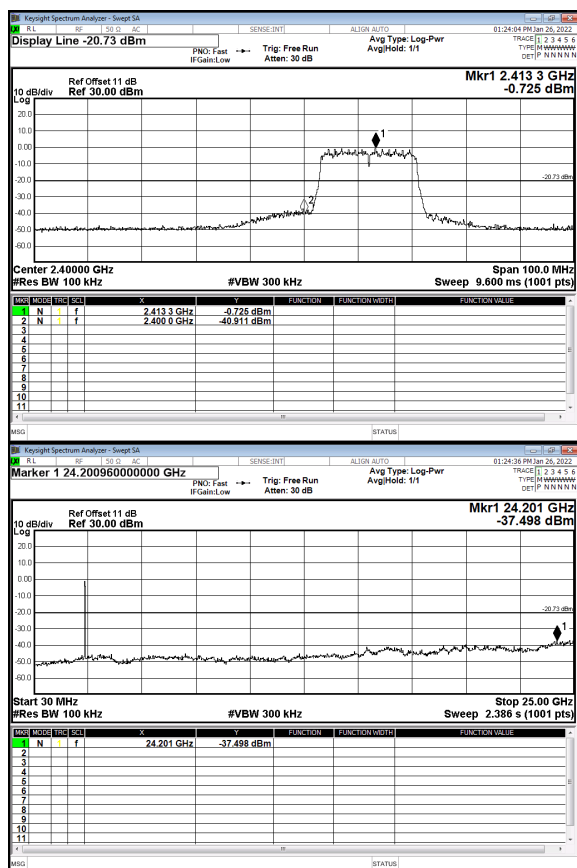


Modulation Type: 802.11g, CH 11

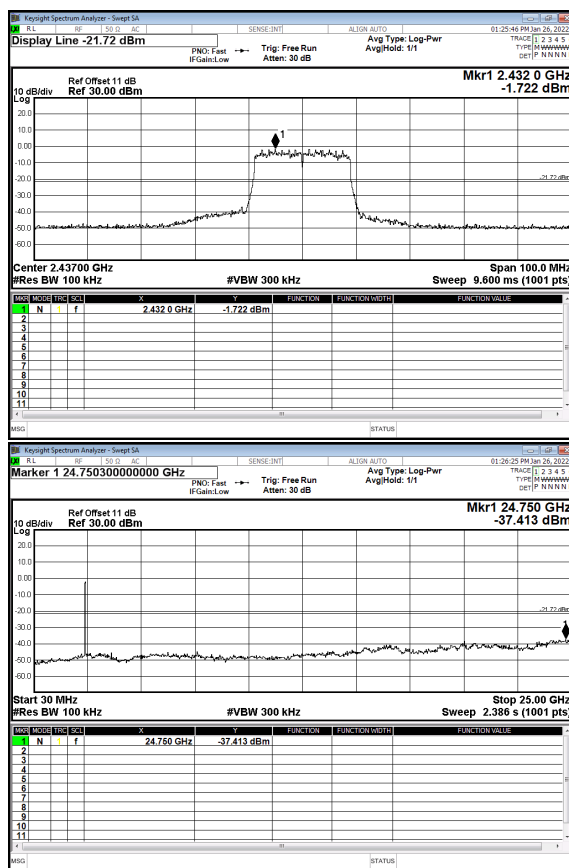




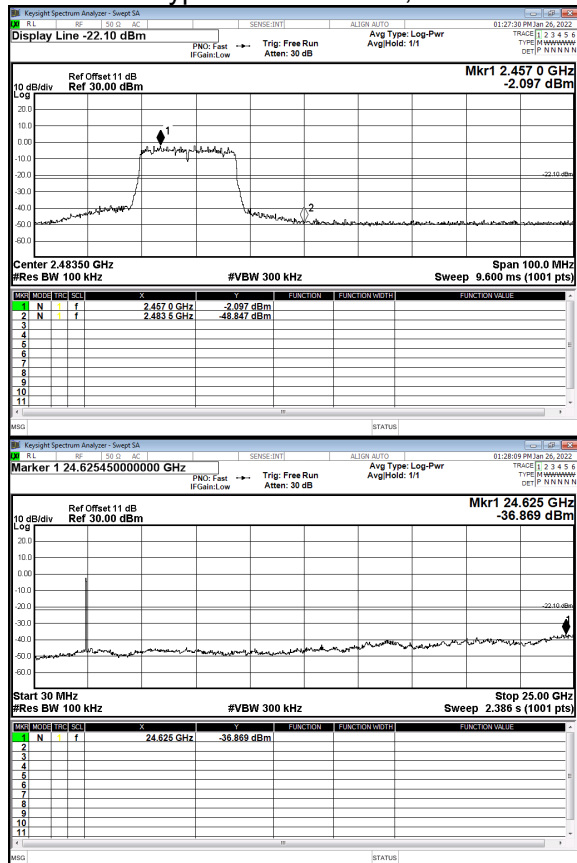
Modulation Type: 802.11n HT20, CH01



Modulation Type: 802.11n HT20, CH06

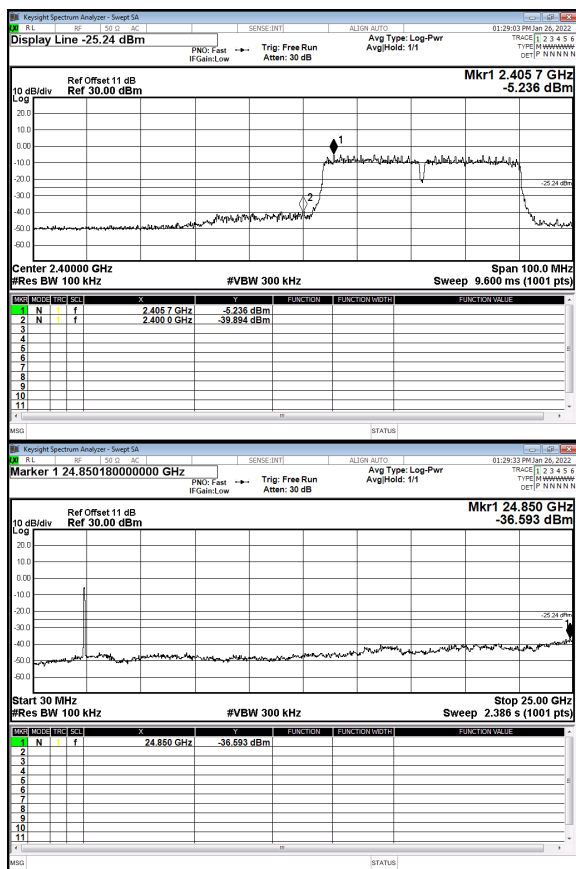


Modulation Type: 802.11n HT20, CH11

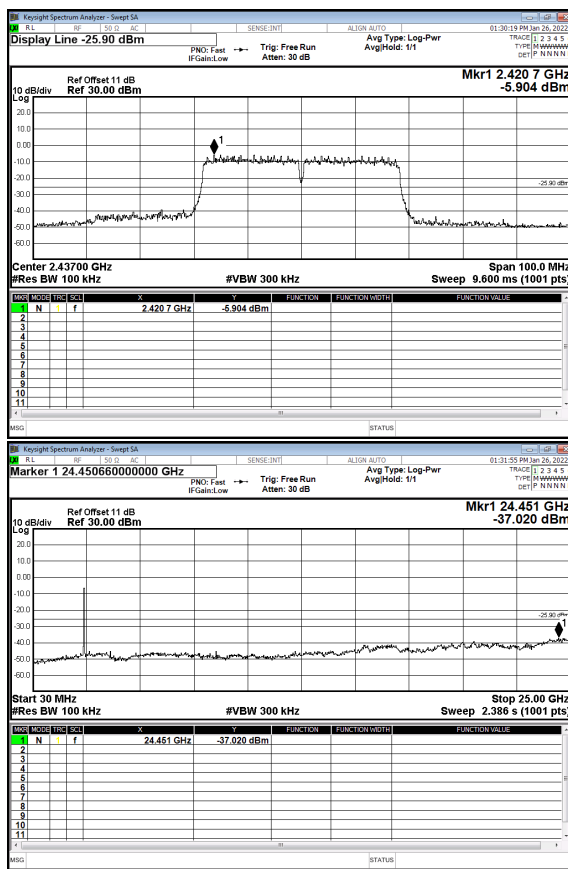




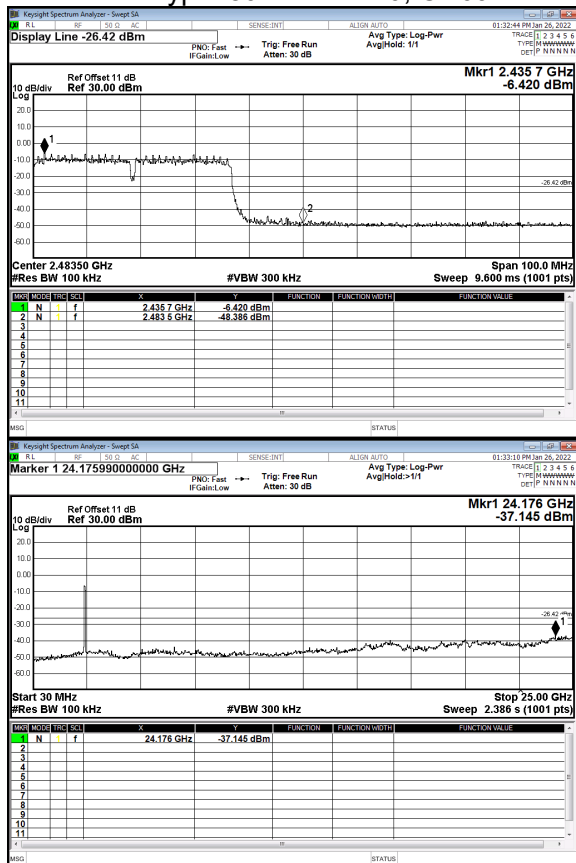
Modulation Type: 802.11n HT40, CH03



Modulation Type: 802.11n HT40, CH06



Modulation Type: 802.11n HT40, CH09





10. 功率密度之規定

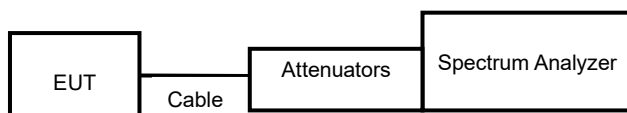
10.1. 適用標準

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





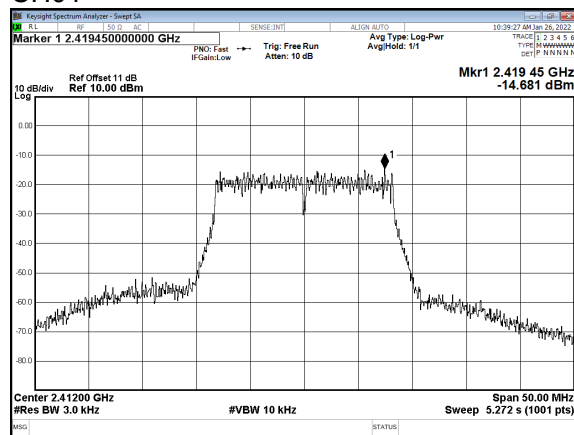
10.4. 功率密度之量測結果及數據

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	-6.5	-6.50	0.00	-6.50	8.00
	6	2437	-8.52	-8.52	0.00	-8.52	8.00
	11	2462	-8.66	-8.66	0.00	-8.66	8.00
11g	1	2412	-14.68	-14.68	0.00	-14.68	8.00
	6	2437	-15.89	-15.89	0.00	-15.89	8.00
	11	2462	-16.45	-16.45	0.00	-16.45	8.00
11n HT20	1	2412	-12.8	-12.80	0.00	-12.80	8.00
	6	2437	-14.72	-14.72	0.00	-14.72	8.00
	11	2462	-15.15	-15.15	0.00	-15.15	8.00
11n HT40	3	2422	-16.89	-16.89	0.00	-16.89	8.00
	6	2437	-17.44	-17.44	0.00	-17.44	8.00
	9	2452	-18.03	-18.03	0.00	-18.03	8.00

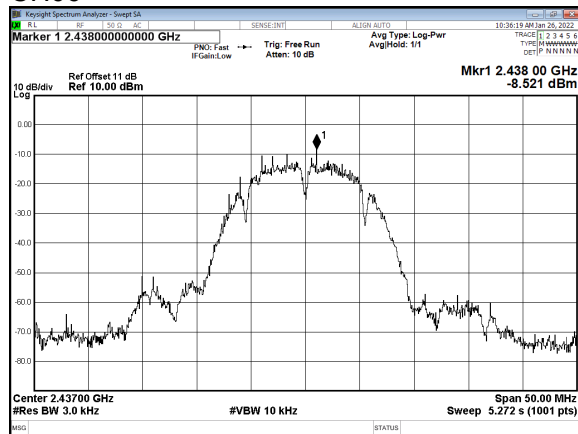
備註：繪圖資料請參考下頁。

10.5. 結果判定

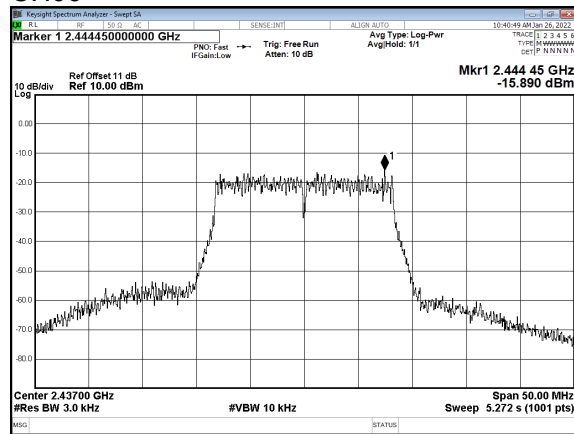
高、中、低頻段的 3 kHz 功率密度皆低於 8 dBm，合乎標準規定。

Modulation Type: 802.11b
CH01Modulation Type: 802.11g
CH01

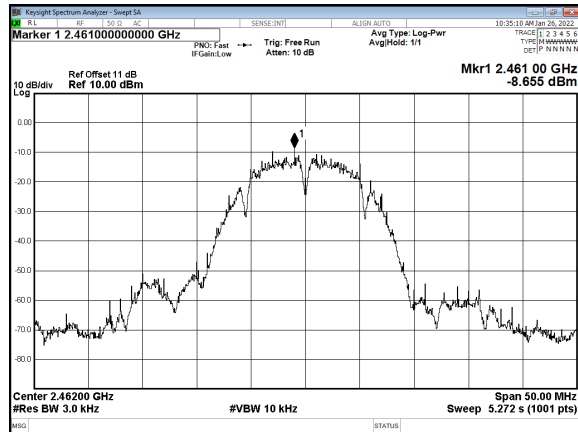
CH06



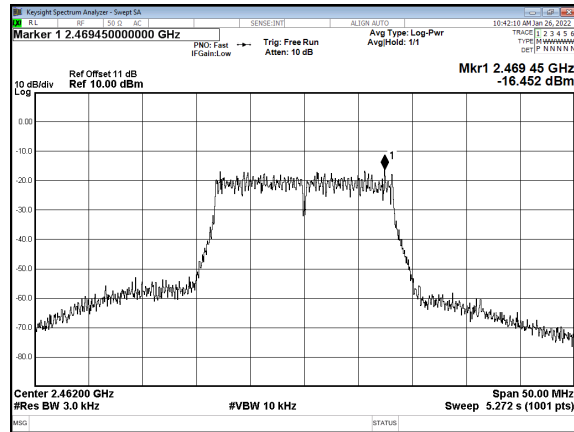
CH06

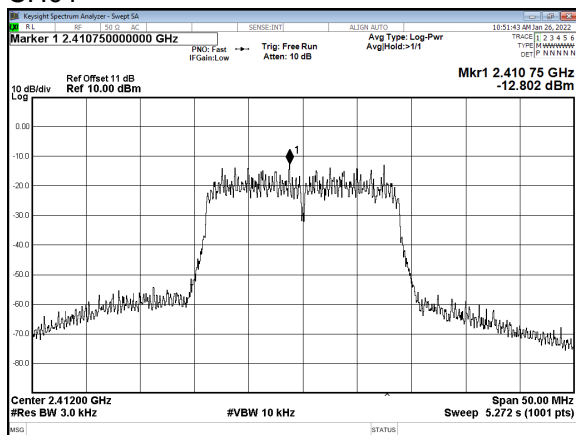
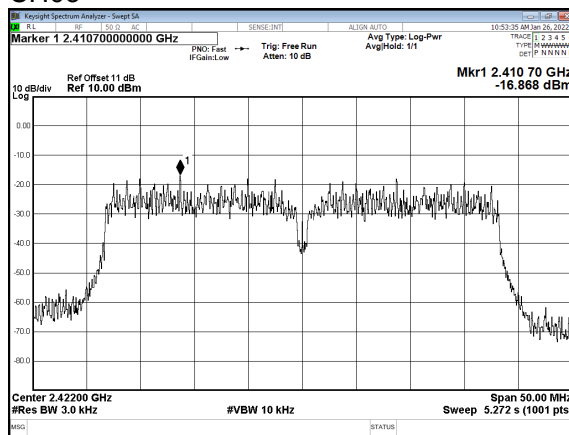


CH11

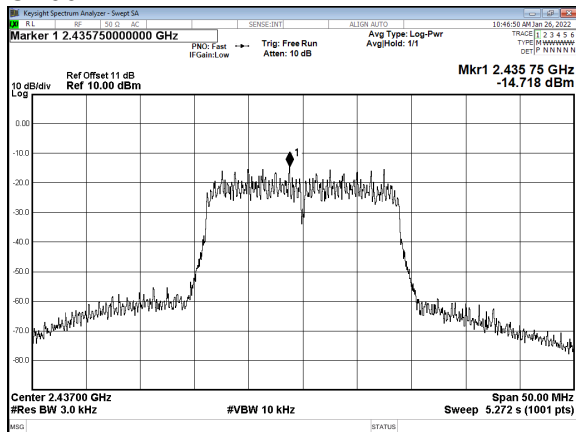


CH11

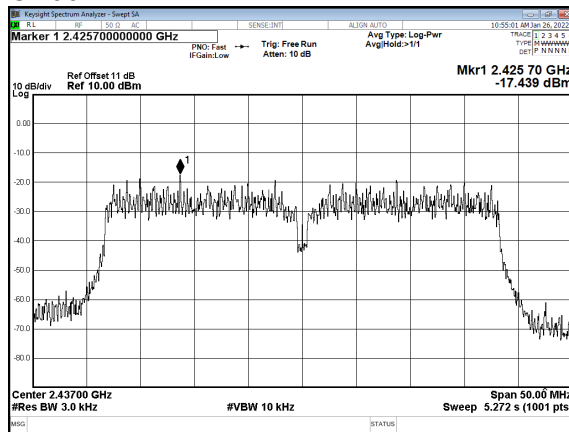


Modulation Type: 802.11n HT20
CH01Modulation Type: 802.11n HT40
CH03

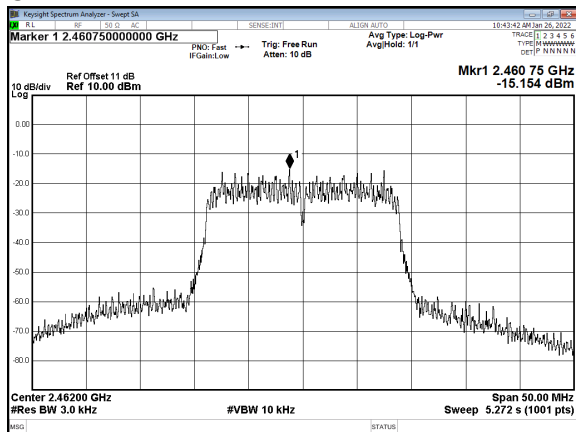
CH06



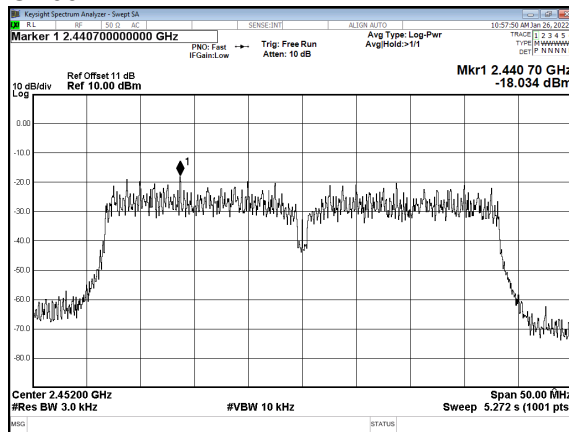
CH06



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	19.10	21.10	3.55	20	0.058	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-----