



低功率射頻器材測試報告

申請廠商：海悅電訊有限公司

地址：臺北市信義區莊敬路 445 號 3 樓

工廠：TCL Communication Ltd

地址：5/F, Building 22E, 22 Science Park East
Avenue, Hong Kong Science Park,
Shatin, NT, Hong Kong

產品名稱：4G 無線路由器

產品型號：HH42CV1

系列型號：HH42CV2

廠牌：TCL

受理日期：111 年 01 月 04 日

完成日期：111 年 02 月 22 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
22010010-TRNCC02	Feb. 22, 2022	Original



證 明 書

申請廠商	:	海悅電訊有限公司
地址	:	臺北市信義區莊敬路 445 號 3 樓
工廠	:	TCL Communication Ltd
地址	:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
產品名稱	:	4G 無線路由器
產品型號	:	HH42CV1
系列型號	:	HH42CV2
廠牌	:	TCL
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)	:	25.48 dBm

茲在此鄭重聲明：

本試驗報告所列之待測設備樣品已於民國 111 年 02 月 12 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, 5.5 節及 5.6 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	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

Operation Frequency Range	802.11b/g/n: 2400-2483.5MHz
Center Frequency Range	802.11b/g/n: 2412-2462MHz
Modulation Type	WLAN: 2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM
Modulation Technology	DSSS, OFDM
Data Rate	WLAN: 2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40
Antenna Type	PCB Antenna
Antenna Gain	For WLAN: 2400-2483.5MHz: ANT A: 1.4dBi, ANT B: 1.4dBi
電源供應器	Brand: 海悅電訊有限公司 Model: S012CDU1200100

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

1.2. 差異說明

Model No.	Remark
HH42CV1	有 RJ11 電話孔。
HH42CV2	沒有 RJ11 電話孔。

Note: 經工程判定後，HH42CV1型號評估為較差模式。



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. 於測試進行的同時，在 Windows 10 作業系統下，待測物執行”MP_TEST ver. 1,3,8,0”傳送及接收訊號。
- 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, they were reported as the final data.	
Radiation Emissions (30MHz ~ 1GHz)	
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, they 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, they were reported as the final data.	



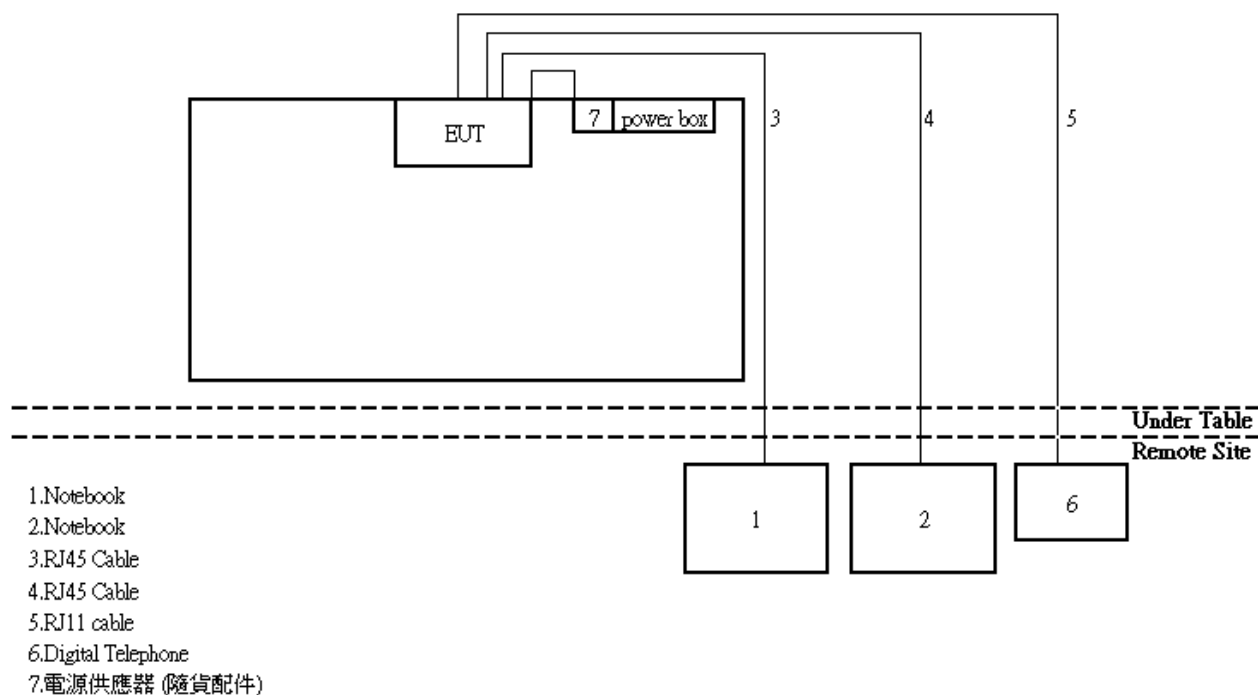
The EUT incorporates a MIMO function

Modulation Type	TX CONFIGURATION
802.11b	2TX
802.11g	2TX
802.11n HT20	2TX
802.11n HT40	2TX

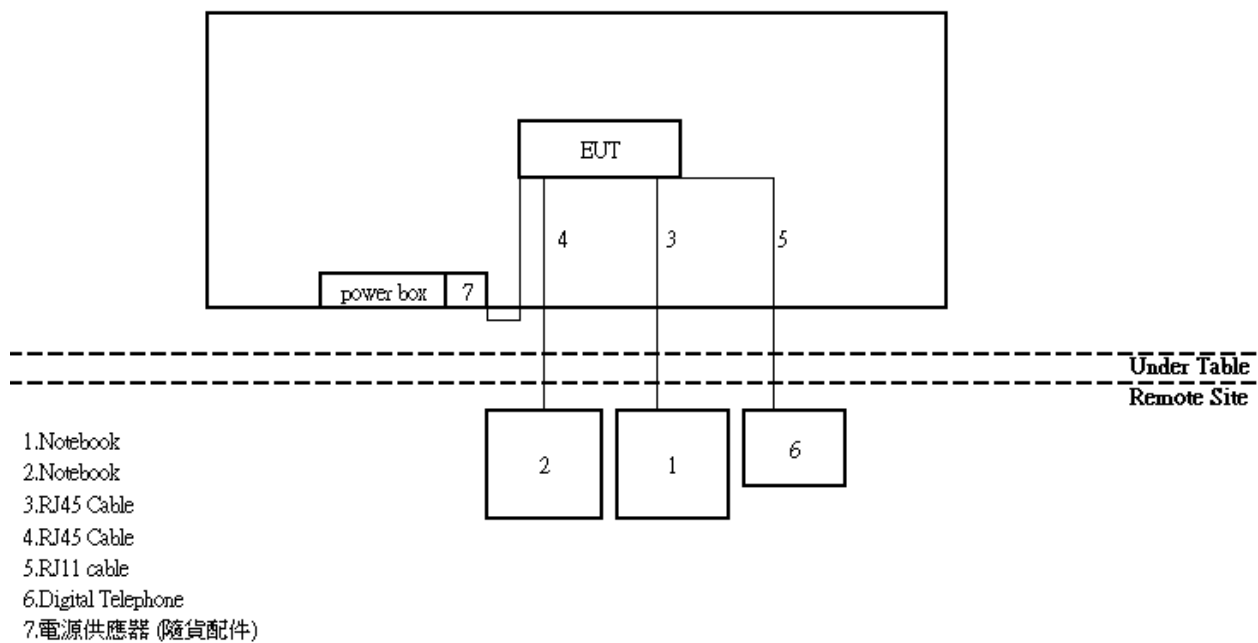


1.5. 受測裝置之系統說明

傳導干擾:



輻射干擾:





「本案隨貨配件與實驗室提供配件併同檢驗」，提供配件廠牌型號資訊如下：

RF Conducted				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
RJ45 Cable	TE CONNECTIVITY	Cat5e	1.2m / NS	N/A
Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	ASUS	P2430U	N/A	Adapter / 1.8m / NS
Notebook	ASUS	P2430U	N/A	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	Cat5e	18m / NS	N/A
RJ45 Cable	TE CONNECTIVITY	Cat5e	18m / NS	N/A
RJ11 cable	TE CONNECTIVITY	6P4C	18m / NS	N/A
Dipole Antenna	TCL	HUB60	N/A	N/A
Digital Telephone	TONNET	TA-8412D	N/A	N/A
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	ASUS	P2430U	N/A	Adapter / 1.8m / NS
Notebook	ASUS	P2430U	N/A	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	Cat5e	18m / NS	N/A
RJ45 Cable	TE CONNECTIVITY	Cat5e	18m / NS	N/A
RJ11 cable	TE CONNECTIVITY	6P4C	18m / NS	N/A
Dipole Antenna	TCL	HUB60	N/A	N/A
Digital Telephone	TONNET	TA-8412D	N/A	N/A



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：	DC 12V Form Adapter (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	Test period	Environmental Conditions	Tested By
RF Conducted	RFCON01-NK	2022/02/12	24°C / 55%	Dian Chen
Radiated Emissions	3M03-NK	2022/02/03~2022/02/10	20~22°C / 42~48%	Dian Chen
AC Power Line Conducted Emission	CON01-NK	2022/02/10	22°C / 54%	Dian Chen

1.7. 量測不確定度

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Measurement Item	Uncertainty
AC Power Line Conduction(150K~30MHz)	±3.12dB
Radiated Spurious Emission(9KHz~30MHz)	±3.4dB
Radiated Spurious Emission(30MHz~1GHz)	±5.6dB
Radiated Spurious Emission(1GHz~25GHz)	±6.6dB
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 / Deactivation 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
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2021/08/06	2022/08/05
Bluetooth Tester	ROHDE & SCHWARZ	CBT	101133	2021/04/19	2022/04/18
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100339	2022/01/10	2023/01/09
Attenuator	KEYSIGHT	8491B	MY39250703	2021/04/09	2022/04/08
TEMP & HUMI CHAMBER	T-MACHINE	TMJ-9712	T-12-040111	2021/08/27	2022/08/26
Cable-0.5m(30M-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



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 : TCL
- 1.2 Model : HUB42 Lite
- 1.3 Antenna type : PCB
- 1.4 Frequency Rang : 2412-2462MHz
- 1.5 Gain(peak) : ANT A:1.4dBi, ANT B:1.4dBi

(參照天線規格資料)

2412-2462MHz

For Power directional gain= Gant= 1.40dBi

For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / NANT]$
= 4.41(dBi)

*MIMO type: Cyclic Delay Diversity (CDD) mode.

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. 電源線傳導干擾之量測規定

4.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範之 3.3 節，電源傳導干擾之限制要求如下：

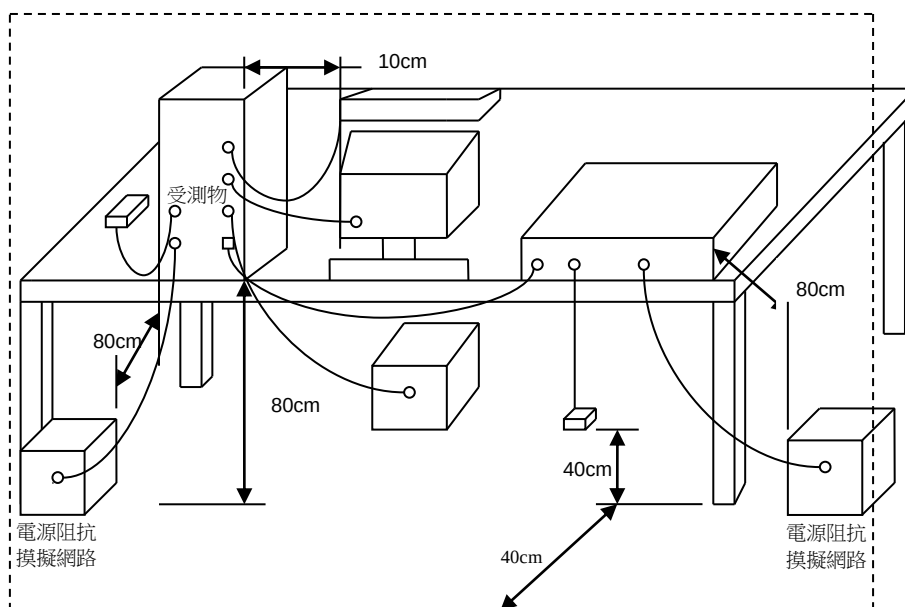
頻率範圍(MHz)	傳導限制值 (dB μ V)	
	準峰值(Quasi-peak)	平均值(Average)
0.15 ~ 0.5	66-56 (註)	56-46 (註)
0.5 ~ 5	56	46
5 ~ 30	60	50

註：隨頻率之對數遞減

4.2. 測試方法

將待測物置於 0.8 米高的非金屬桌面，使其在工作狀態，待測物電源線接至電源線接至電源阻抗穩定網路上，從測試接收機記錄頻率由 0.15MHz 至 30MHz 之間之電源線導放射強度。

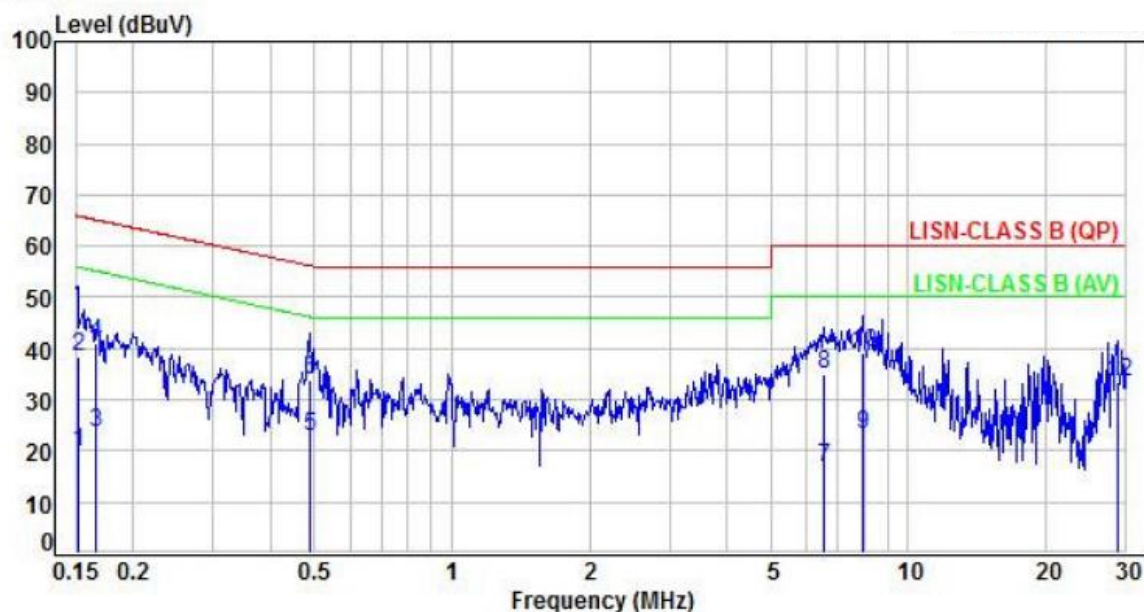
4.3. 傳導干擾之擺設





4.4. 傳導干擾之測試結果及數據

Power	: DC 12V Form Adapter (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	0.15	9.92	9.97	19.89	55.90	-36.01	Average	P
2	0.15	9.92	28.58	38.50	65.90	-27.40	QP	P
3	0.17	9.92	13.49	23.41	55.18	-31.77	Average	P
4	0.17	9.92	31.08	41.00	65.18	-24.18	QP	P
5	0.49	9.91	13.02	22.93	46.15	-23.22	Average	P
6	0.49	9.91	24.09	34.00	56.15	-22.15	QP	P
7	6.54	9.94	6.79	16.73	50.00	-33.27	Average	P
8	6.54	9.94	24.92	34.86	60.00	-25.14	QP	P
9	7.92	9.96	13.36	23.32	50.00	-26.68	Average	P
10	7.92	9.96	29.14	39.10	60.00	-20.90	QP	P
11	28.69	10.36	20.68	31.04	50.00	-18.96	Average	P
12	28.69	10.36	23.21	33.57	60.00	-26.43	QP	P

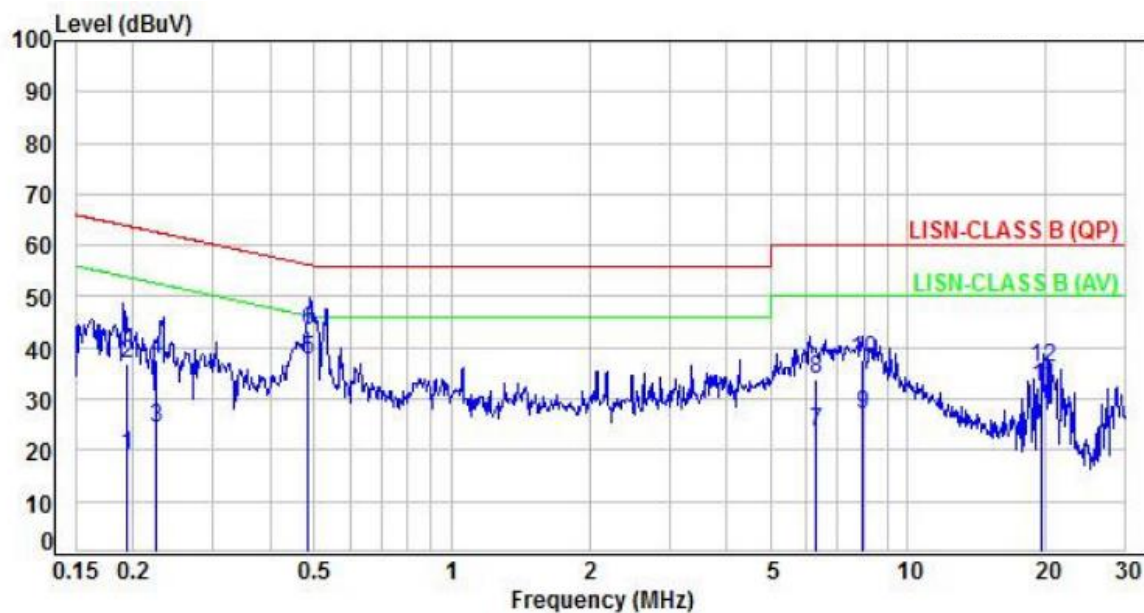
Note: Level=Reading+Factor

Margin=Level-Limit

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



Power	: DC 12V Form Adapter (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	0.19	9.92	9.24	19.16	53.88	-34.72	Average	P
2	0.19	9.92	27.05	36.97	63.88	-26.91	QP	P
3	0.23	9.92	14.43	24.35	52.60	-28.25	Average	P
4	0.23	9.92	27.65	37.57	62.60	-25.03	QP	P
5	0.49	9.90	27.79	37.69	46.24	-8.55	Average	P
6	0.49	9.90	33.51	43.41	56.24	-12.83	QP	P
7	6.29	9.91	13.57	23.48	50.00	-26.52	Average	P
8	6.29	9.91	24.08	33.99	60.00	-26.01	QP	P
9	7.93	9.94	16.87	26.81	50.00	-23.19	Average	P
10	7.93	9.94	27.70	37.64	60.00	-22.36	QP	P
11	19.71	10.17	22.13	32.30	50.00	-17.70	Average	P
12	19.71	10.17	25.84	36.01	60.00	-23.99	QP	P

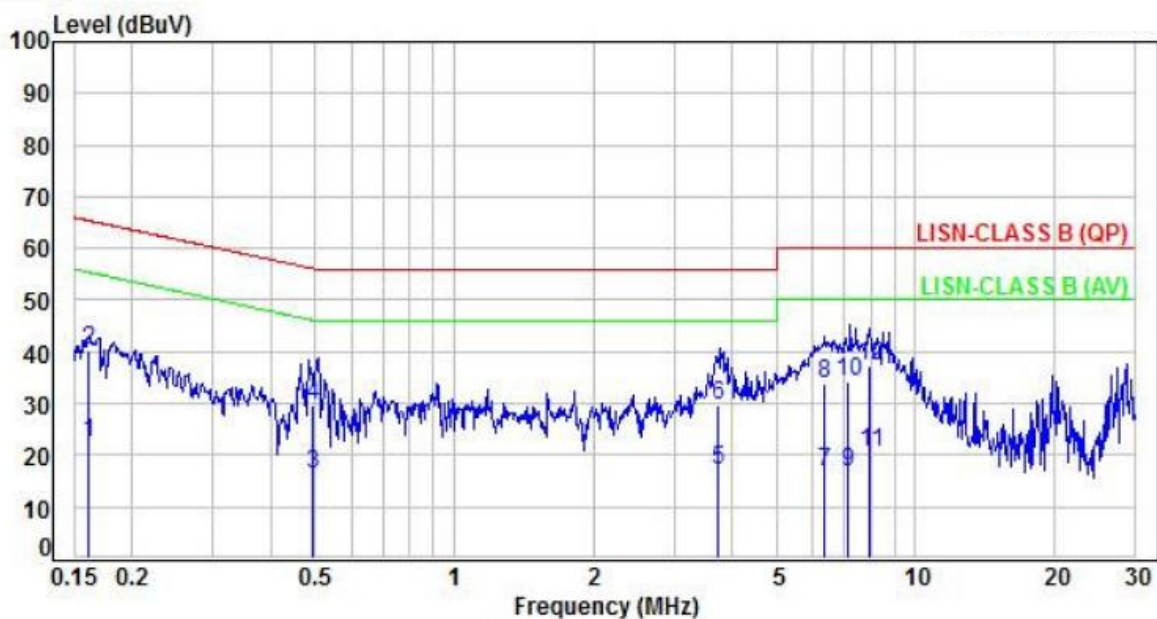
Note: Level=Reading+Factor

Margin=Level-Limit

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



Power	: DC 12V Form Adapter (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	0.16	9.92	12.67	22.59	55.42	-32.83	Average	P
2	0.16	9.92	30.44	40.36	65.42	-25.06	QP	P
3	0.49	9.91	6.47	16.38	46.12	-29.74	Average	P
4	0.49	9.91	19.91	29.82	56.12	-26.30	QP	P
5	3.73	9.89	7.10	16.99	46.00	-29.01	Average	P
6	3.73	9.89	19.80	29.69	56.00	-26.31	QP	P
7	6.32	9.93	6.64	16.57	50.00	-33.43	Average	P
8	6.32	9.93	23.85	33.78	60.00	-26.22	QP	P
9	7.15	9.94	6.96	16.90	50.00	-33.10	Average	P
10	7.15	9.94	24.26	34.20	60.00	-25.80	QP	P
11	7.98	9.96	10.38	20.34	50.00	-29.66	Average	P
12	7.98	9.96	27.13	37.09	60.00	-22.91	QP	P

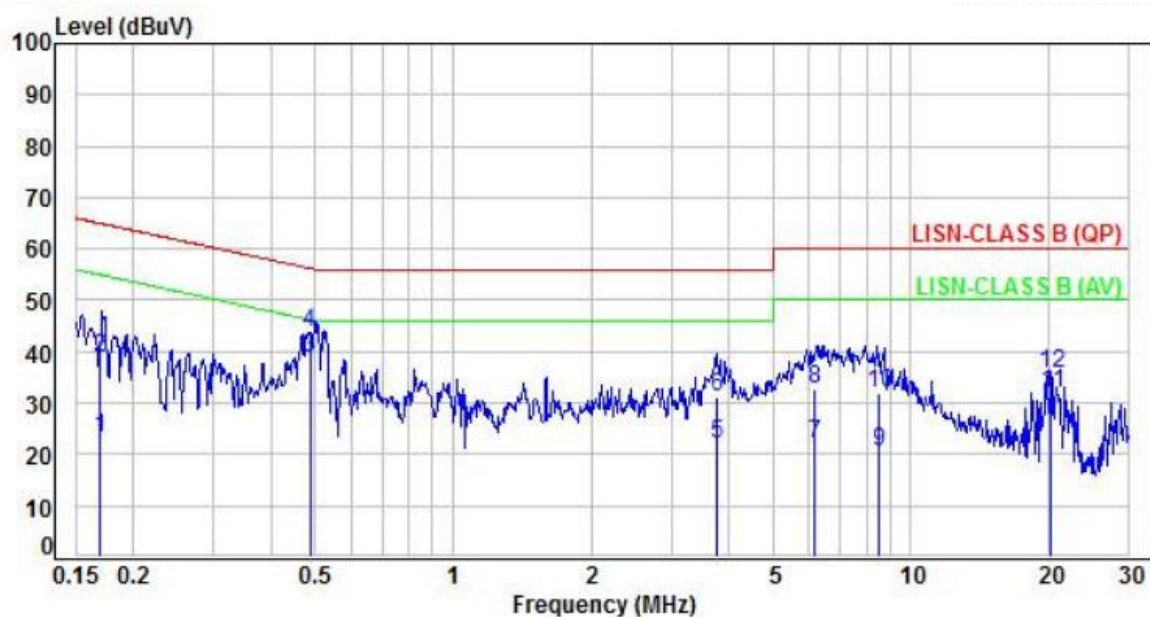
Note: Level=Reading+Factor

Margin=Level-Limit

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



Power	: DC 12V Form Adapter (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	0.17	9.92	13.15	23.07	54.99	-31.92	Average	P
2	0.17	9.92	28.76	38.68	64.99	-26.31	QP	P
3	0.49	9.90	29.06	38.96	46.23	-7.27	Average	P
4	0.49	9.90	33.73	43.63	56.23	-12.60	QP	P
5	3.78	9.87	12.00	21.87	46.00	-24.13	Average	P
6	3.78	9.87	21.23	31.10	56.00	-24.90	QP	P
7	6.14	9.91	12.07	21.98	50.00	-28.02	Average	P
8	6.14	9.91	22.92	32.83	60.00	-27.17	QP	P
9	8.49	9.95	10.64	20.59	50.00	-29.41	Average	P
10	8.49	9.95	22.13	32.08	60.00	-27.92	QP	P
11	20.26	10.18	21.65	31.83	50.00	-18.17	Average	P
12	20.26	10.18	25.72	35.90	60.00	-24.10	QP	P

Note: Level=Reading+Factor

Margin=Level-Limit

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



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 Y 軸)。

備註：

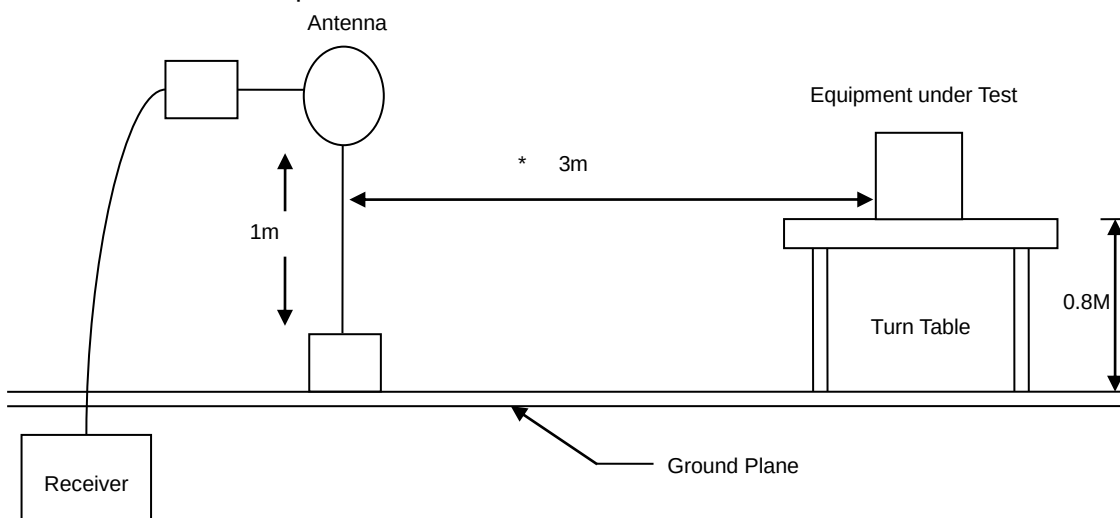
1.For Below 1G 若待測物之輻射峰值低於限制值 3dB 以上，則將終止測試，並以峰值之讀值作為報告之記錄；反之，若無 3dB 餘裕範圍之輻射，則每一訊號皆以準峰值之測試方法量測，並記錄於報告之中。

2.Due to the test software function limit the operation band setting(200dBuV/m). There's no corresponding limitation in the actual test item.

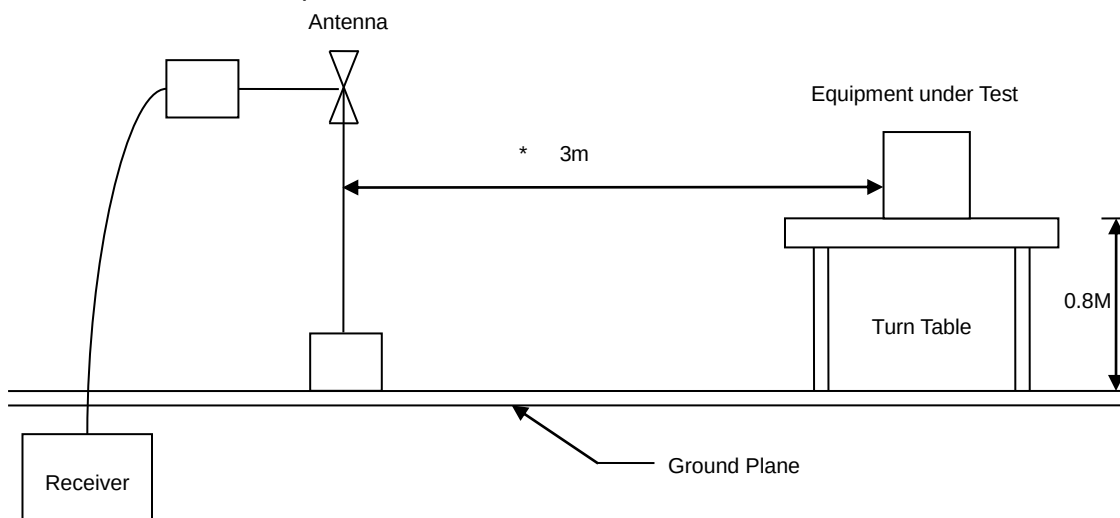


5.3. 輻射場地之擺設

Below 30MHz test setup

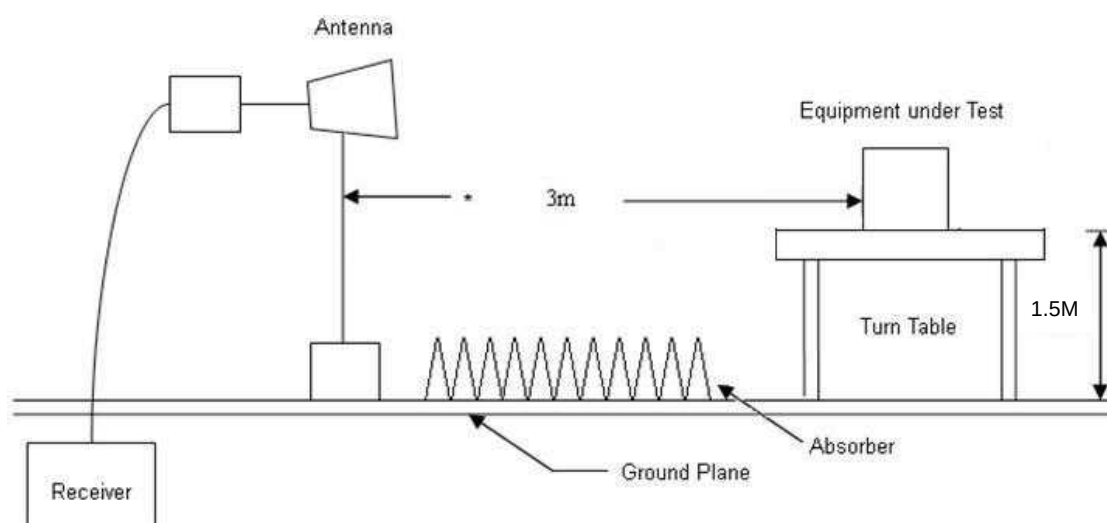


30MHz- 1GHz Test Setup





Above 1GHz Test Setup



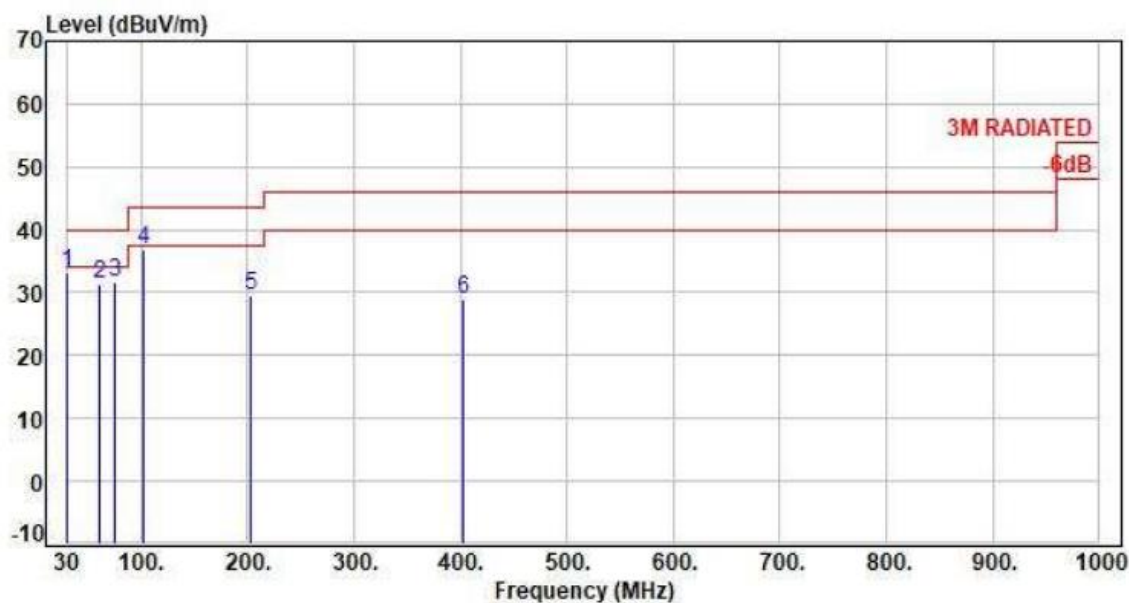


5.4. 輻射之測試結果及數據 (9kHz ~ 30MHz)

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	:	DC 12V Form Adapter (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	30.00	-3.62	36.70	33.08	40.00	-6.92	Peak	400	360	P
2	61.04	-17.66	48.93	31.27	40.00	-8.73	Peak	400	360	P
3	74.62	-17.32	48.94	31.62	40.00	-8.38	Peak	400	360	P
4	101.78	-14.42	51.22	36.80	43.50	-6.70	Peak	400	360	P
5	202.66	-12.17	41.63	29.46	43.50	-14.04	Peak	400	360	P
6	402.48	-7.70	36.57	28.87	46.00	-17.13	Peak	400	360	P

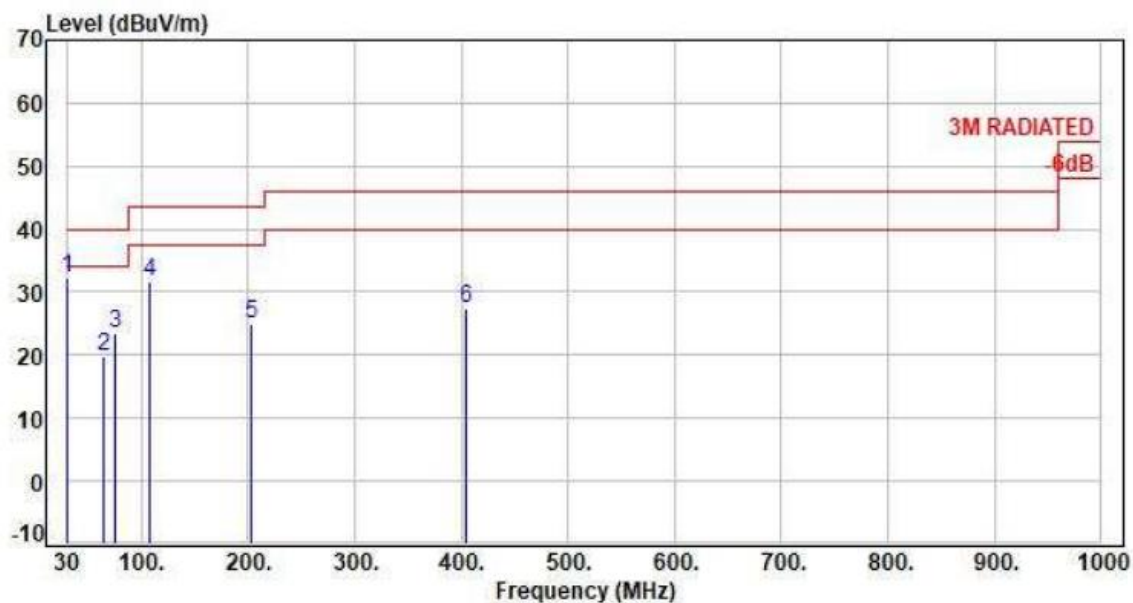
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: DC 12V Form Adapter (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	35.98	32.36	40.00	-7.64	Peak	400	360	P
2	64.92	-17.26	36.93	19.67	40.00	-20.33	Peak	400	360	P
3	74.62	-17.32	40.67	23.35	40.00	-16.65	Peak	400	360	P
4	107.60	-13.06	44.59	31.53	43.50	-11.97	Peak	400	360	P
5	202.66	-12.17	37.25	25.08	43.50	-18.42	Peak	400	360	P
6	404.42	-7.58	35.06	27.48	46.00	-18.52	Peak	400	360	P

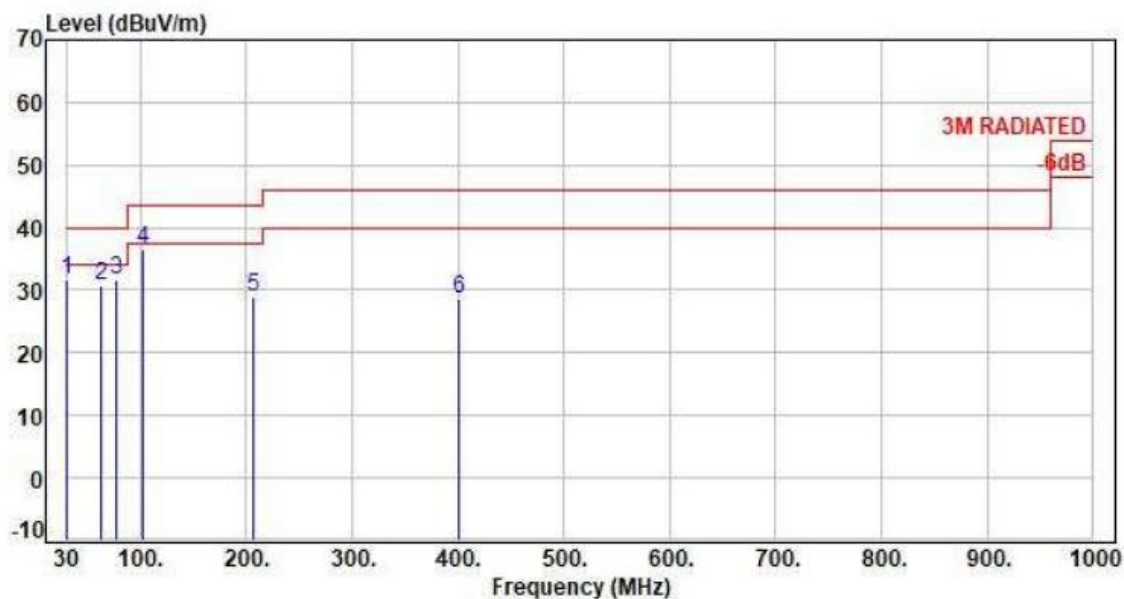
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: DC 12V Form Adapter (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	30.97	-4.39	35.94	31.55	40.00	-8.45	Peak	400	360	P
2	62.01	-17.55	48.16	30.61	40.00	-9.39	Peak	400	360	P
3	76.56	-17.47	49.00	31.53	40.00	-8.47	Peak	400	360	P
4	102.75	-14.28	50.75	36.47	43.50	-7.03	Peak	400	360	P
5	206.54	-13.48	42.47	28.99	43.50	-14.51	Peak	400	360	P
6	401.51	-7.77	36.40	28.63	46.00	-17.37	Peak	400	360	P

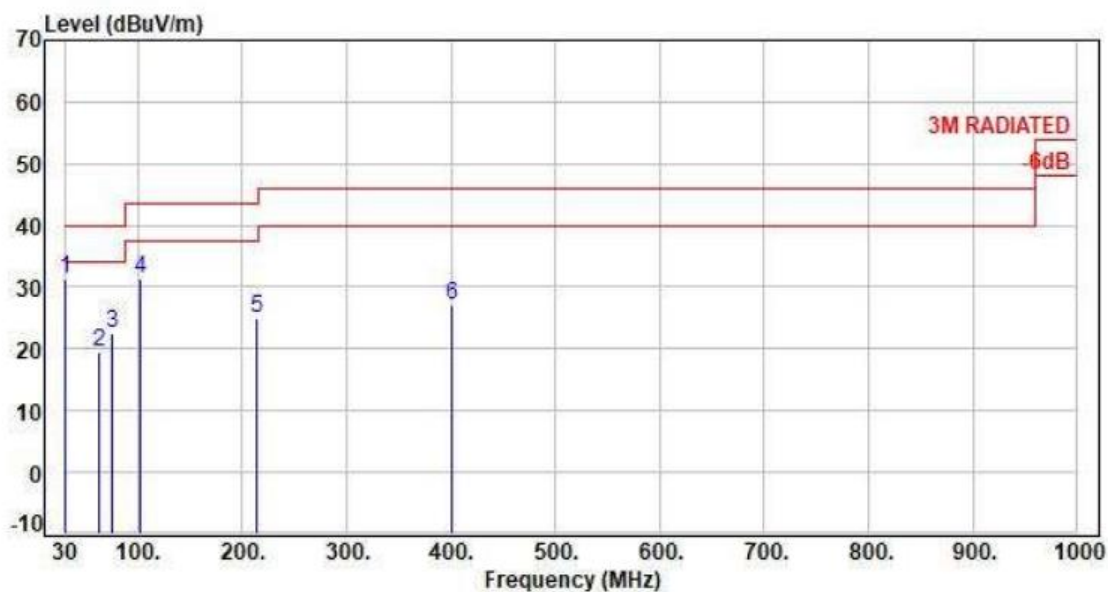
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: DC 12V Form Adapter (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	30.97	-4.39	35.80	31.41	40.00	-8.59	Peak	400	360	P
2	62.98	-17.45	36.91	19.46	40.00	-20.54	Peak	400	360	P
3	75.59	-17.38	39.96	22.58	40.00	-17.42	Peak	400	360	P
4	101.78	-14.42	45.90	31.48	43.50	-12.02	Peak	400	360	P
5	214.30	-13.62	38.67	25.05	43.50	-18.45	Peak	400	360	P
6	400.54	-7.83	34.97	27.14	46.00	-18.86	Peak	400	360	P

Note: Level=Reading+Factor

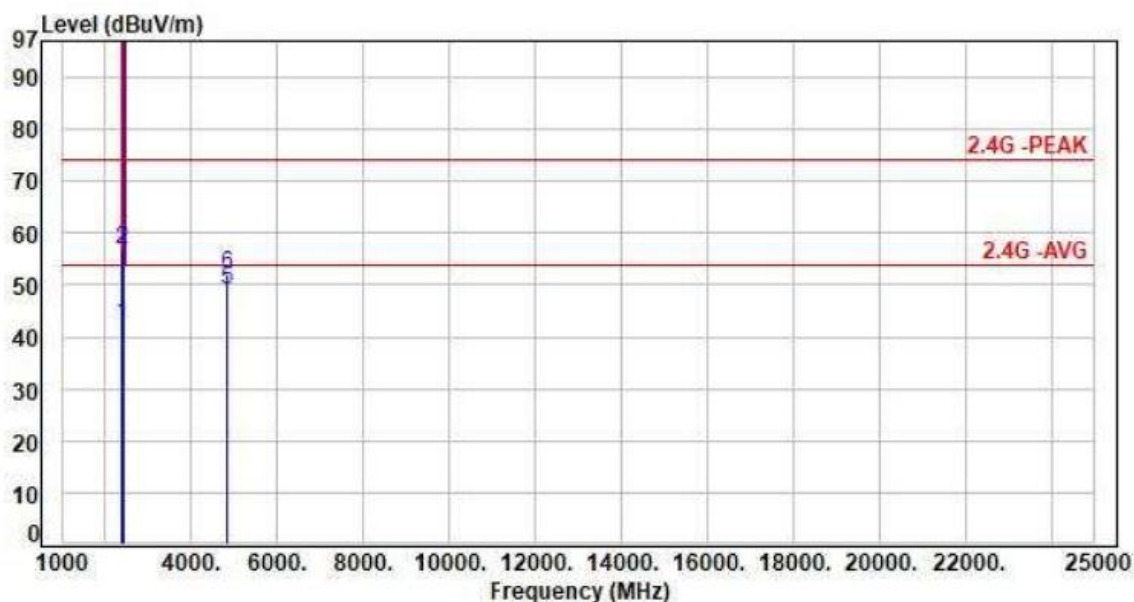
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



5.6. 輻射之測試結果及數據 (1GHz ~ 25GHz)

Power	:	DC 12V Form Adapter (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	57.66	42.37	54.00	-11.63	Average	125	116	P
2	2390.00	-15.29	72.00	56.71	74.00	-17.29	Peak	125	116	P
3	2412.00	-15.36	118.60	103.24	200.00	-96.76	Average	125	116	P
4	2412.00	-15.36	122.42	107.06	200.00	-92.94	Peak	125	116	P
5	4824.00	-7.20	56.08	48.88	54.00	-5.12	Average	100	136	P
6	4824.00	-7.20	59.21	52.01	74.00	-21.99	Peak	100	136	P

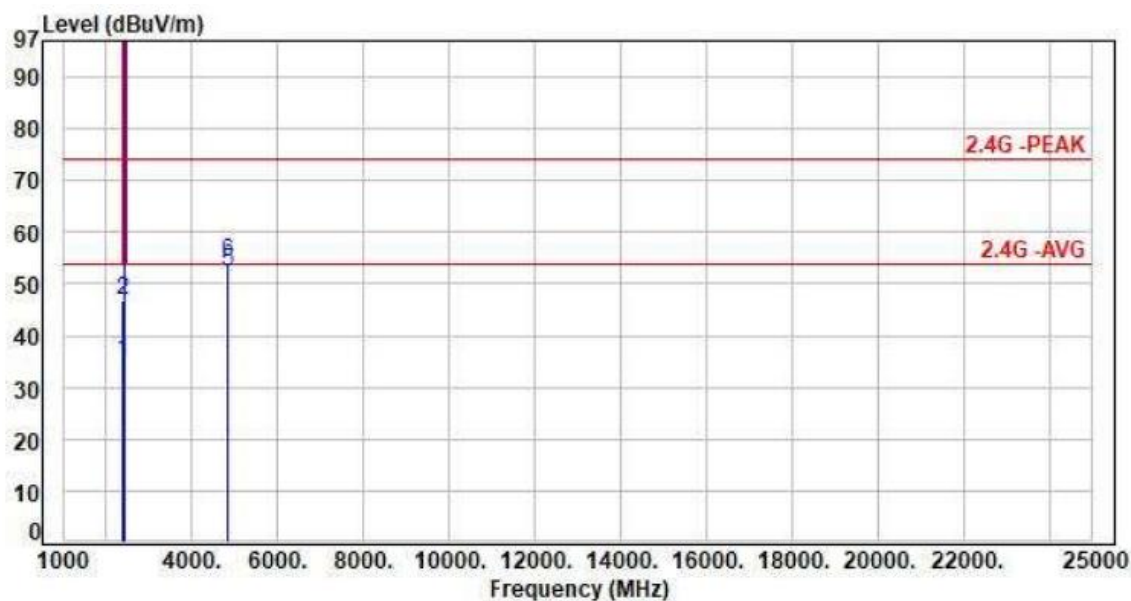
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	50.23	34.94	54.00	-19.06	Average	231	125	P
2	2390.00	-15.29	62.11	46.82	74.00	-27.18	Peak	231	125	P
3	2412.00	-15.36	114.31	98.95	200.00	-101.05	Average	231	125	P
4	2412.00	-15.36	117.82	102.46	200.00	-97.54	Peak	231	125	P
5	4824.00	-7.20	59.51	52.31	54.00	-1.69	Average	100	244	P
6	4824.00	-7.20	61.38	54.18	74.00	-19.82	Peak	100	244	P

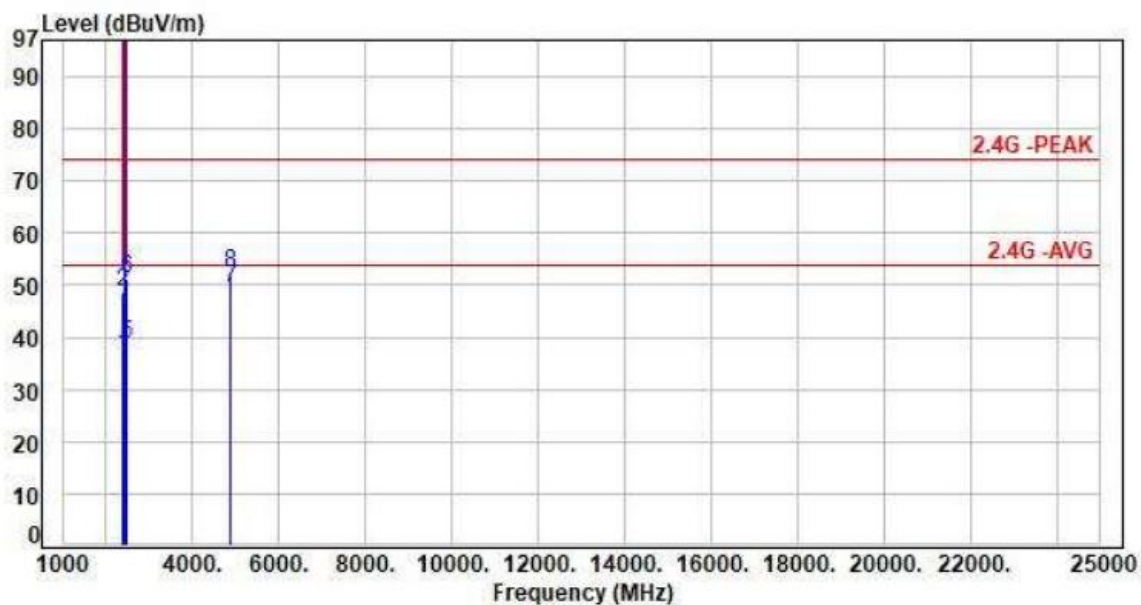
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	51.66	36.37	54.00	-17.63	Average	100	122	P
2	2390.00	-15.29	64.05	48.76	74.00	-25.24	Peak	100	122	P
3	2437.00	-15.43	119.10	103.67	200.00	-96.33	Average	100	122	P
4	2437.00	-15.43	122.86	107.43	200.00	-92.57	Peak	100	122	P
5	2483.50	-15.35	53.98	38.63	54.00	-15.37	Average	100	122	P
6	2483.50	-15.35	66.68	51.33	74.00	-22.67	Peak	100	122	P
7	4874.00	-7.04	56.62	49.58	54.00	-4.42	Average	100	67	P
8	4874.00	-7.04	59.52	52.48	74.00	-21.52	Peak	100	67	P

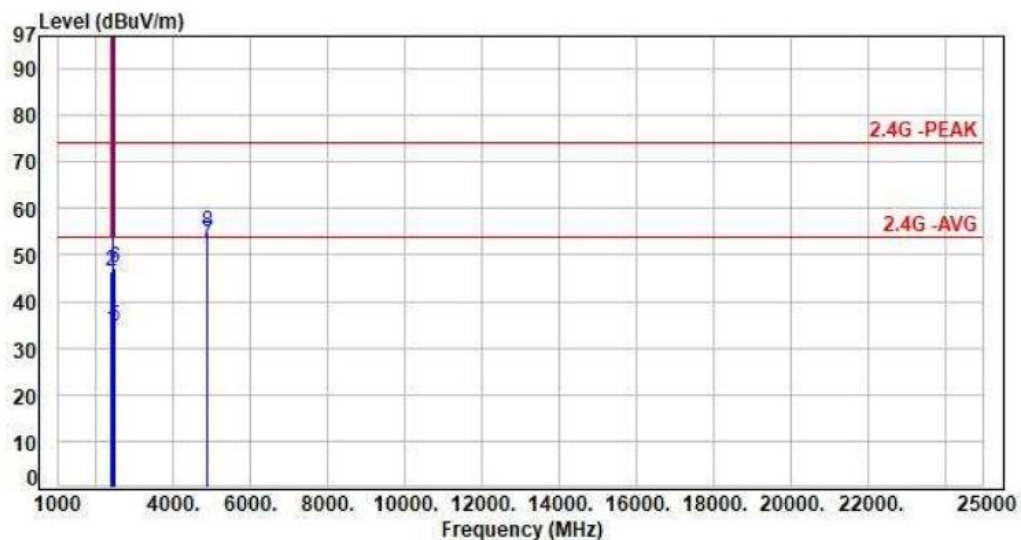
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	49.38	34.09	54.00	-19.91	Average	199	124	P
2	2390.00	-15.29	61.75	46.46	74.00	-27.54	Peak	199	124	P
3	2437.00	-15.43	113.60	98.17	200.00	-101.83	Average	199	124	P
4	2437.00	-15.43	117.21	101.78	200.00	-98.22	Peak	199	124	P
5	2483.50	-15.35	49.90	34.55	54.00	-19.45	Average	199	124	P
6	2483.50	-15.35	62.58	47.23	74.00	-26.77	Peak	199	124	P
7	4874.00	-7.04	59.60	52.56	54.00	-1.44	Average	111	249	P
8	4874.00	-7.04	61.85	54.81	74.00	-19.19	Peak	111	249	P

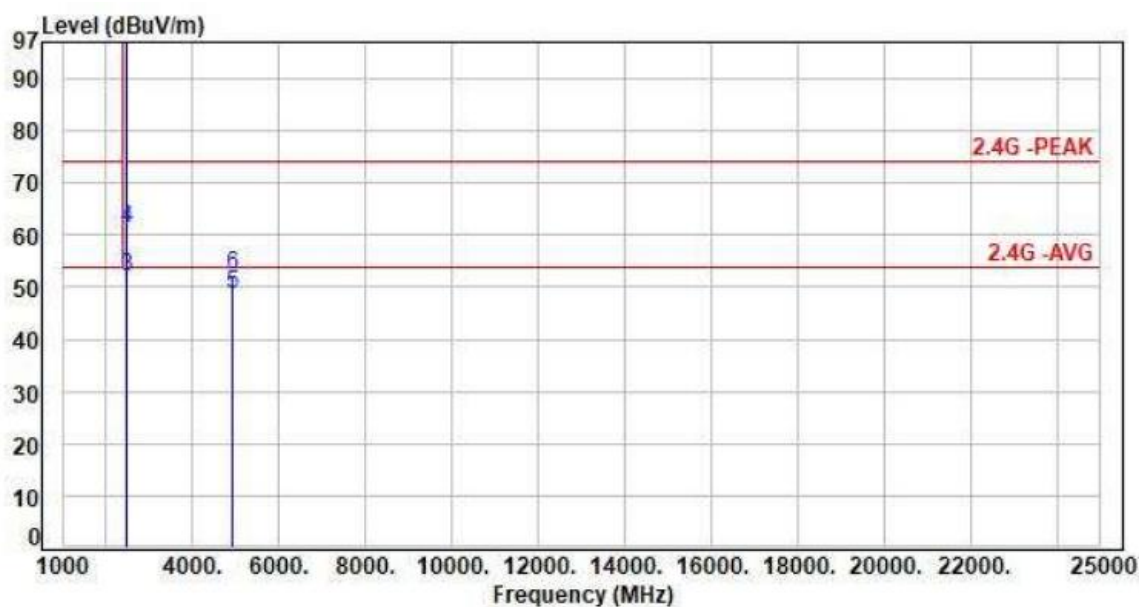
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	119.91	104.48	200.00	-95.52	Average	117	118	P
2	2462.00	-15.43	123.64	108.21	200.00	-91.79	Peak	117	118	P
3	2483.50	-15.35	67.24	51.89	54.00	-2.11	Average	117	118	P
4	2483.50	-15.35	76.70	61.35	74.00	-12.65	Peak	117	118	P
5	4924.00	-6.74	55.54	48.80	54.00	-5.20	Average	100	59	P
6	4924.00	-6.74	58.96	52.22	74.00	-21.78	Peak	100	59	P

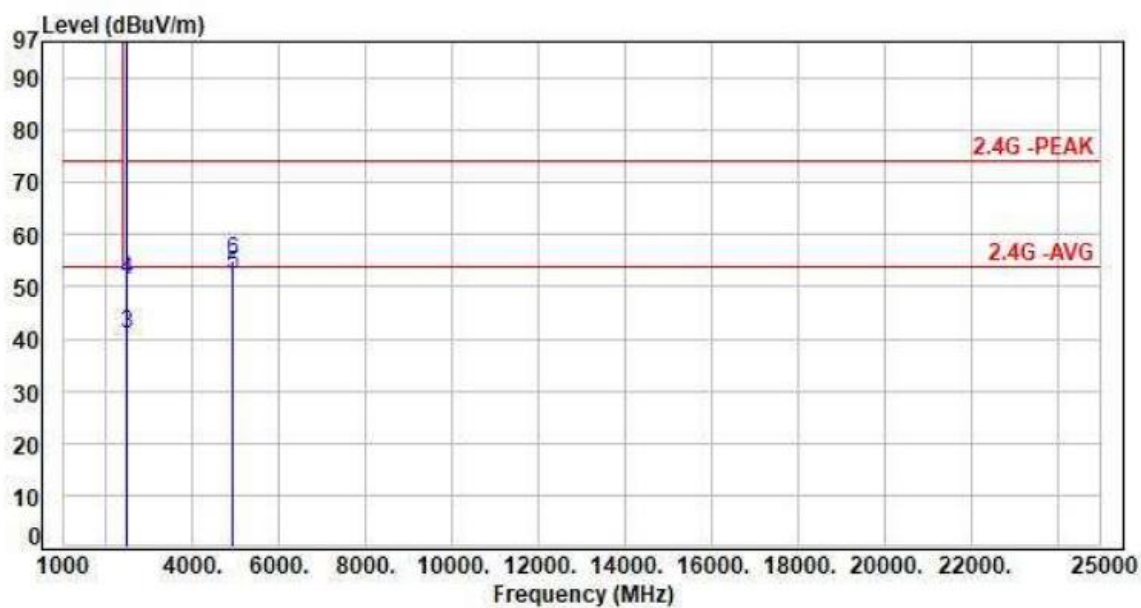
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	115.95	100.52	200.00	-99.48	Average	205	190	P
2	2462.00	-15.43	120.42	104.99	200.00	-95.01	Peak	205	190	P
3	2483.50	-15.35	56.25	40.90	54.00	-13.10	Average	205	190	P
4	2483.50	-15.35	66.73	51.38	74.00	-22.62	Peak	205	190	P
5	4924.00	-6.74	59.20	52.46	54.00	-1.54	Average	108	241	P
6	4924.00	-6.74	61.53	54.79	74.00	-19.21	Peak	108	241	P

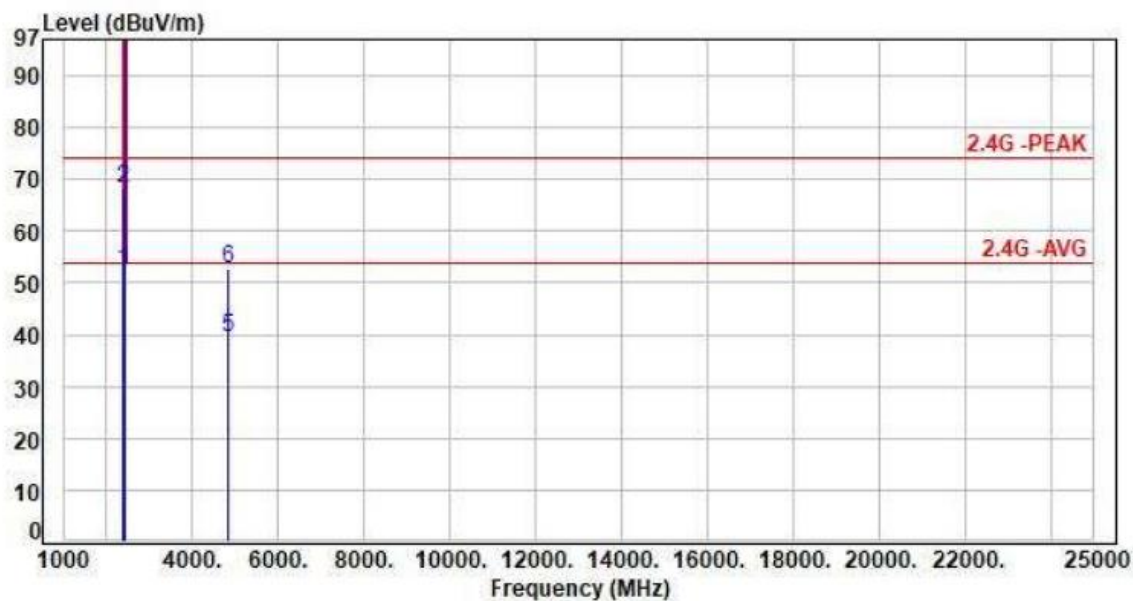
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	67.57	52.28	54.00	-1.72	Average	152	323	P
2	2390.00	-15.29	83.48	68.19	74.00	-5.81	Peak	152	323	P
3	2412.00	-15.36	117.58	102.22	200.00	-97.78	Average	152	323	P
4	2412.00	-15.36	127.26	111.90	200.00	-88.10	Peak	152	323	P
5	4824.00	-7.20	46.55	39.35	54.00	-14.65	Average	100	161	P
6	4824.00	-7.20	59.85	52.65	74.00	-21.35	Peak	100	161	P

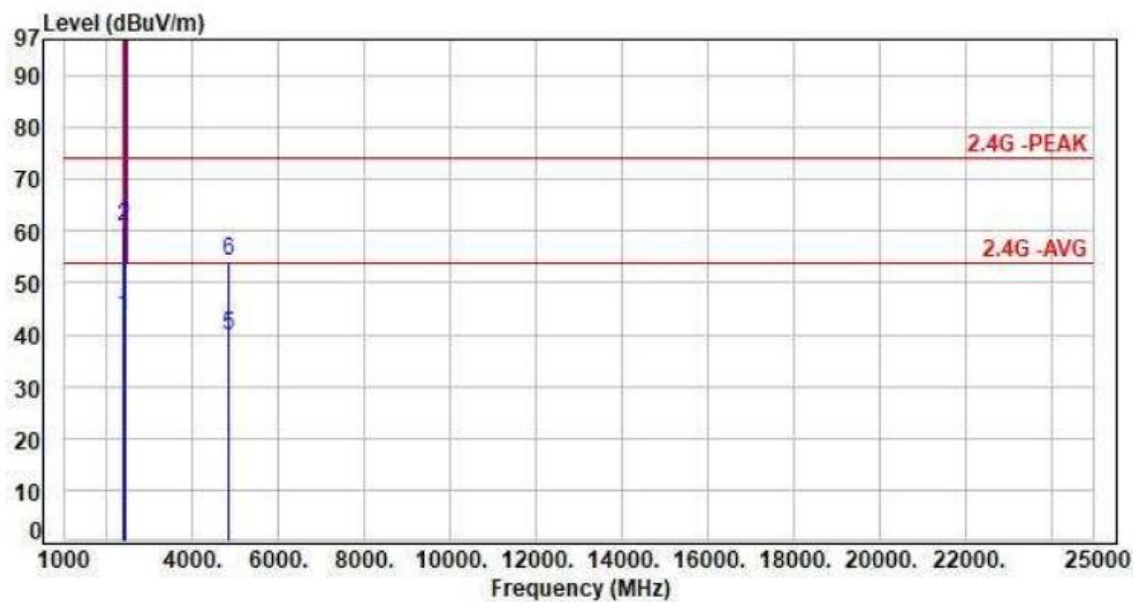
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	58.82	43.53	54.00	-10.47	Average	400	143	P
2	2390.00	-15.29	76.16	60.87	74.00	-13.13	Peak	400	143	P
3	2412.00	-15.36	116.01	100.65	200.00	-99.35	Average	400	143	P
4	2412.00	-15.36	125.42	110.06	200.00	-89.94	Peak	400	143	P
5	4824.00	-7.20	47.01	39.81	54.00	-14.19	Average	118	242	P
6	4824.00	-7.20	61.27	54.07	74.00	-19.93	Peak	118	242	P

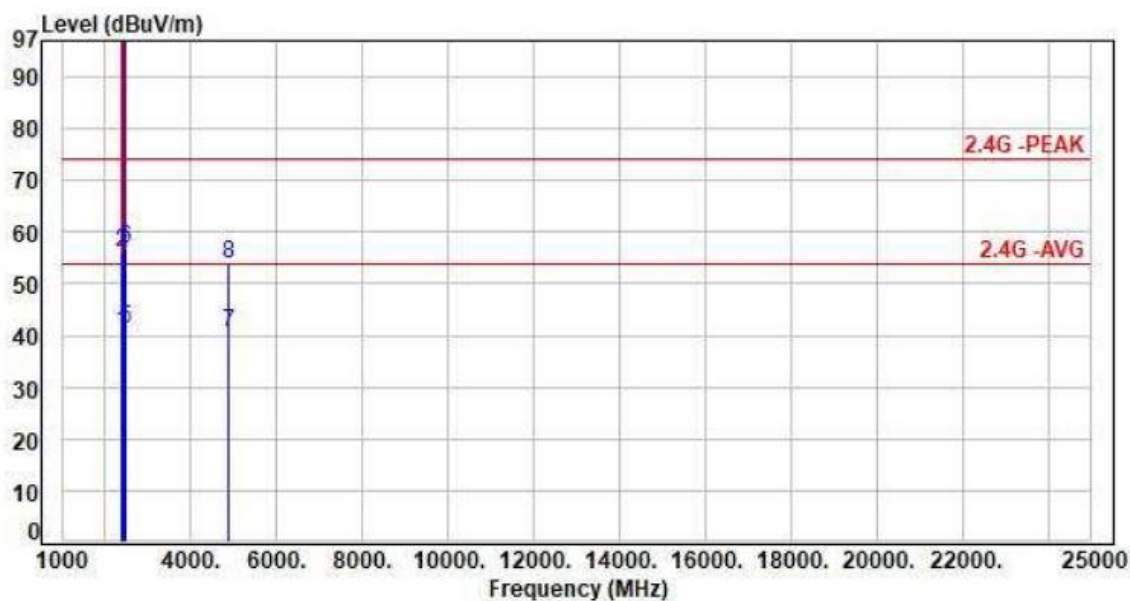
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	55.97	40.68	54.00	-13.32	Average	131	355	P
2	2390.00	-15.29	71.30	56.01	74.00	-17.99	Peak	131	355	P
3	2437.00	-15.43	119.17	103.74	200.00	-96.26	Average	131	355	P
4	2437.00	-15.43	129.48	114.05	200.00	-85.95	Peak	131	355	P
5	2483.50	-15.35	56.51	41.16	54.00	-12.84	Average	131	355	P
6	2483.50	-15.35	72.17	56.82	74.00	-17.18	Peak	131	355	P
7	4874.00	-7.04	47.51	40.47	54.00	-13.53	Average	100	163	P
8	4874.00	-7.04	60.91	53.87	74.00	-20.13	Peak	100	163	P

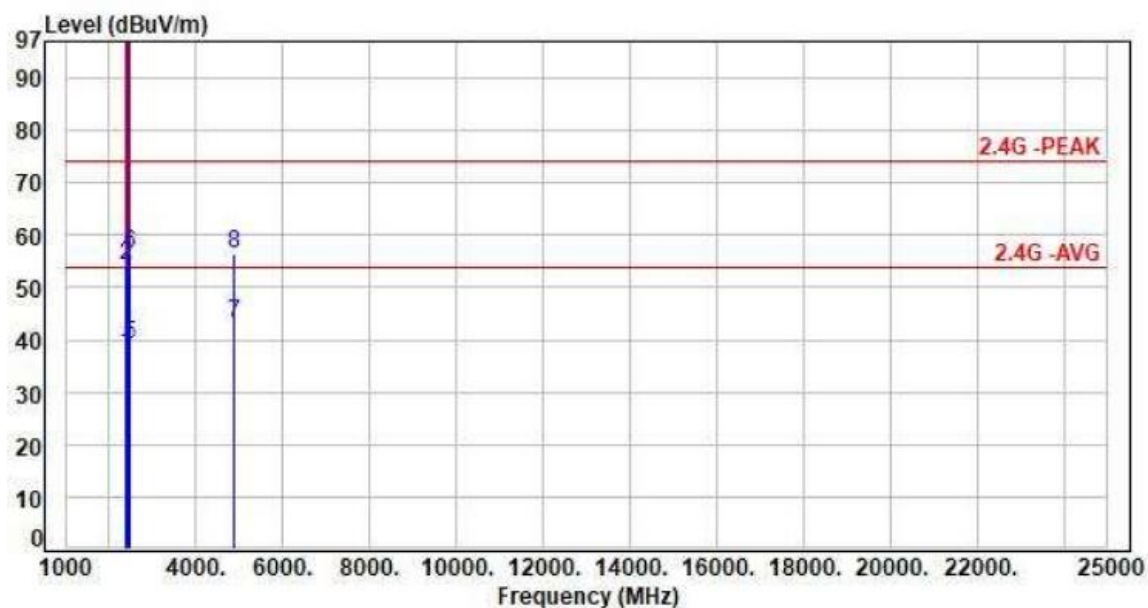
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	52.70	37.41	54.00	-16.59	Average	365	165	P
2	2390.00	-15.29	69.66	54.37	74.00	-19.63	Peak	365	165	P
3	2437.00	-15.43	118.14	102.71	200.00	-97.29	Average	365	165	P
4	2437.00	-15.43	127.59	112.16	200.00	-87.84	Peak	365	165	P
5	2483.50	-15.35	54.30	38.95	54.00	-15.05	Average	365	165	P
6	2483.50	-15.35	71.68	56.33	74.00	-17.67	Peak	365	165	P
7	4874.00	-7.04	50.06	43.02	54.00	-10.98	Average	103	241	P
8	4874.00	-7.04	63.62	56.58	74.00	-17.42	Peak	103	241	P

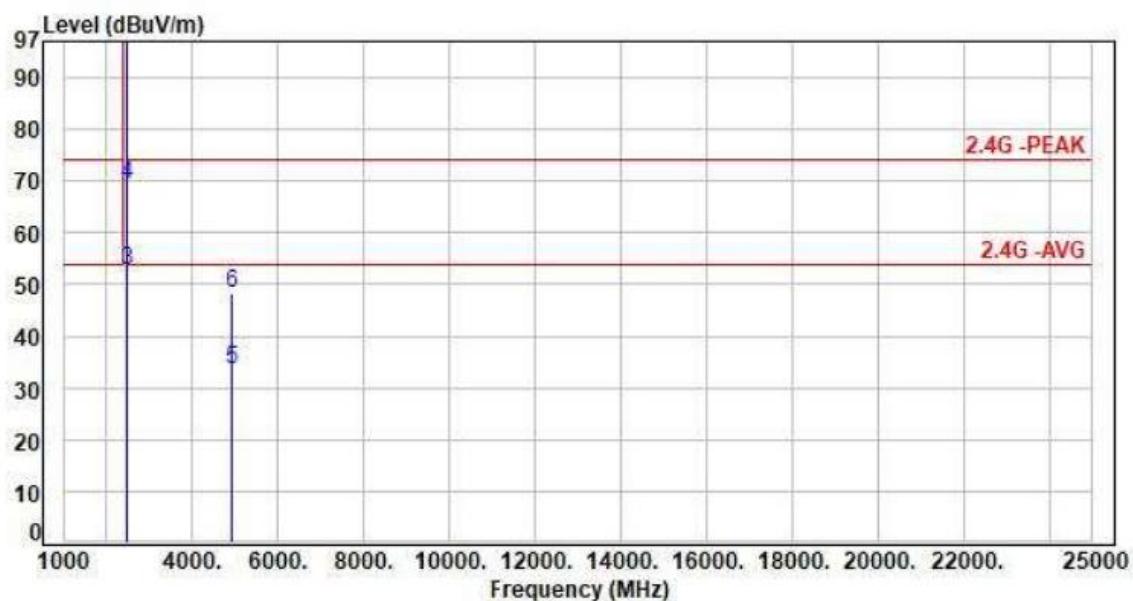
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	117.46	102.03	200.00	-97.97	Average	100	354	P
2	2462.00	-15.43	127.22	111.79	200.00	-88.21	Peak	100	354	P
3	2483.50	-15.35	67.93	52.58	54.00	-1.42	Average	100	354	P
4	2483.50	-15.35	84.59	69.24	74.00	-4.76	Peak	100	354	P
5	4924.00	-6.74	40.29	33.55	54.00	-20.45	Average	100	170	P
6	4924.00	-6.74	54.91	48.17	74.00	-25.83	Peak	100	170	P

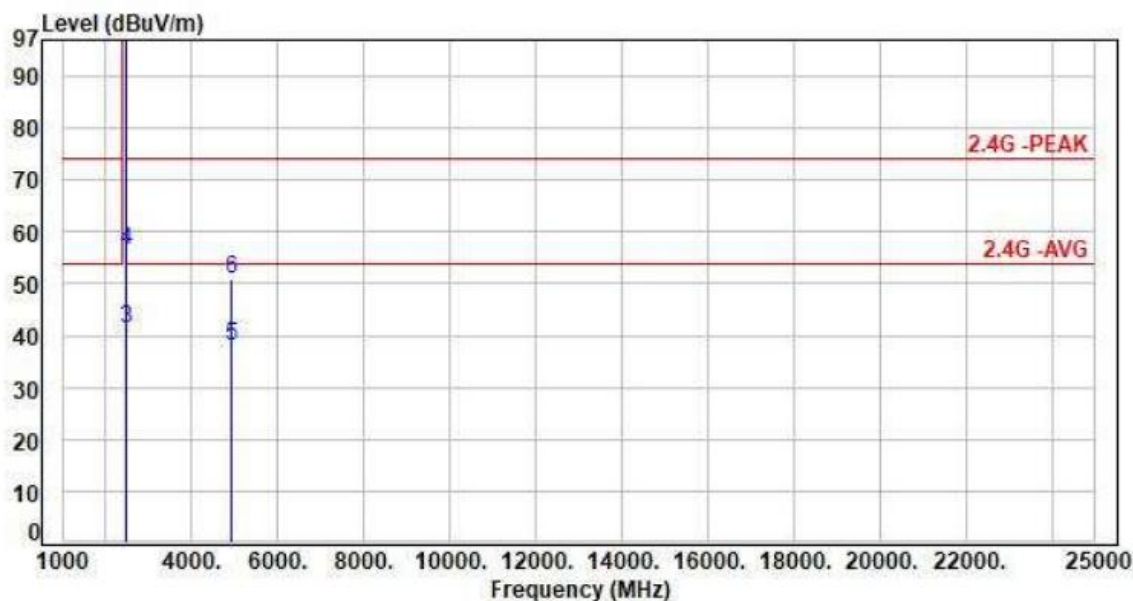
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	111.75	96.32	200.00	-103.68	Average	317	292	P
2	2462.00	-15.43	121.27	105.84	200.00	-94.16	Peak	317	292	P
3	2483.50	-15.35	56.84	41.49	54.00	-12.51	Average	317	292	P
4	2483.50	-15.35	71.71	56.36	74.00	-17.64	Peak	317	292	P
5	4924.00	-6.74	44.60	37.86	54.00	-16.14	Average	166	237	P
6	4924.00	-6.74	57.63	50.89	74.00	-23.11	Peak	166	237	P

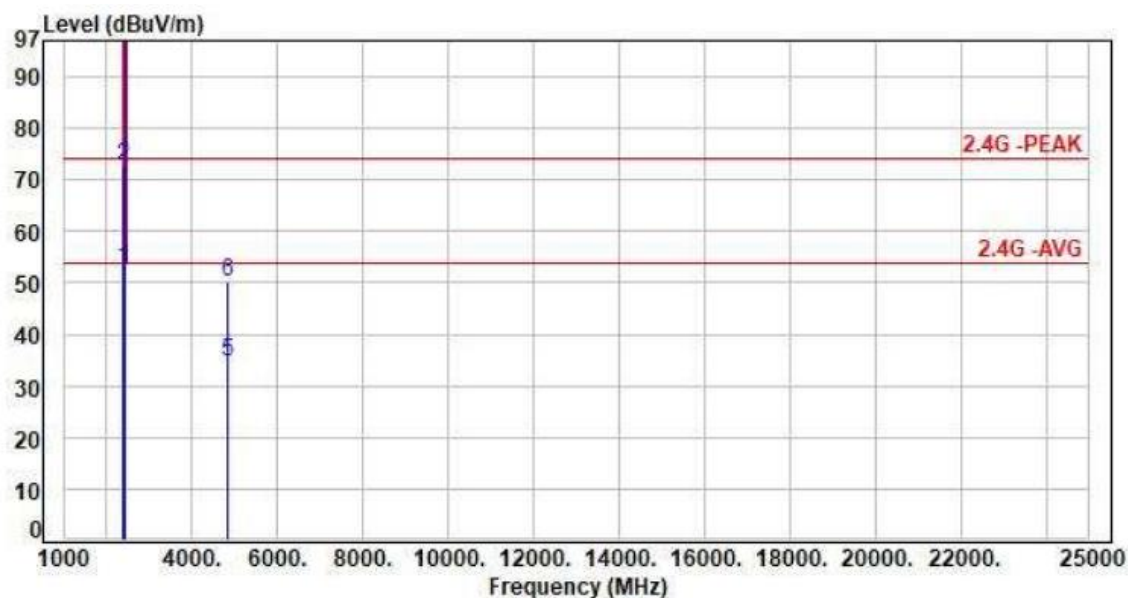
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	67.88	52.59	54.00	-1.41	Average	140	8	P
2	2390.00	-15.29	87.85	72.56	74.00	-1.44	Peak	140	8	P
3	2412.00	-15.36	113.70	98.34	200.00	-101.66	Average	140	8	P
4	2412.00	-15.36	122.99	107.63	200.00	-92.37	Peak	140	8	P
5	4824.00	-7.20	41.93	34.73	54.00	-19.27	Average	100	166	P
6	4824.00	-7.20	57.20	50.00	74.00	-24.00	Peak	100	166	P

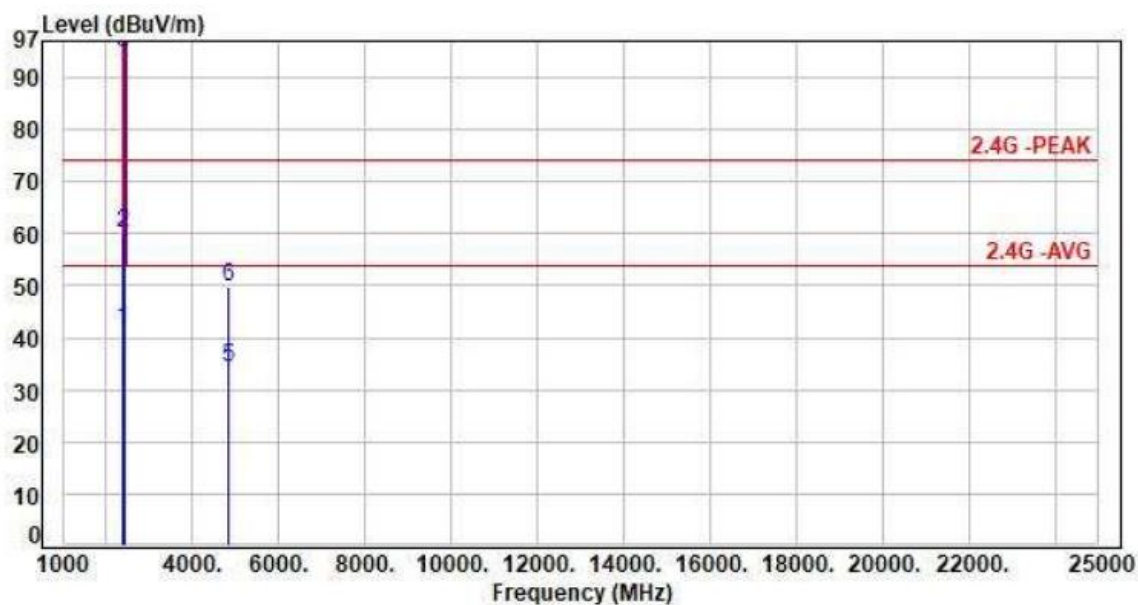
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	57.15	41.86	54.00	-12.14	Average	360	143	P
2	2390.00	-15.29	75.32	60.03	74.00	-13.97	Peak	360	143	P
3	2412.00	-15.36	110.06	94.70	200.00	-105.30	Average	360	143	P
4	2412.00	-15.36	119.73	104.37	200.00	-95.63	Peak	360	143	P
5	4824.00	-7.20	41.63	34.43	54.00	-19.57	Average	100	242	P
6	4824.00	-7.20	57.01	49.81	74.00	-24.19	Peak	100	242	P

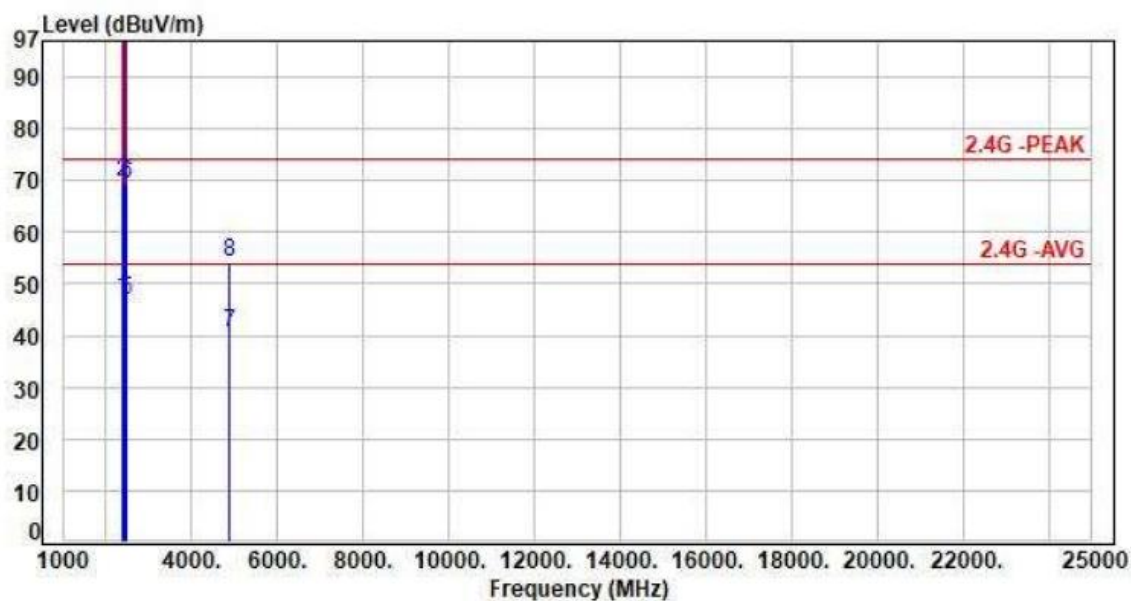
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	62.32	47.03	54.00	-6.97	Average	112	7	P
2	2390.00	-15.29	85.00	69.71	74.00	-4.29	Peak	112	7	P
3	2437.00	-15.43	117.13	101.70	200.00	-98.30	Average	112	7	P
4	2437.00	-15.43	127.88	112.45	200.00	-87.55	Peak	112	7	P
5	2483.50	-15.35	62.20	46.85	54.00	-7.15	Average	112	7	P
6	2483.50	-15.35	84.67	69.32	74.00	-4.68	Peak	112	7	P
7	4874.00	-7.04	47.47	40.43	54.00	-13.57	Average	104	166	P
8	4874.00	-7.04	61.12	54.08	74.00	-19.92	Peak	104	166	P

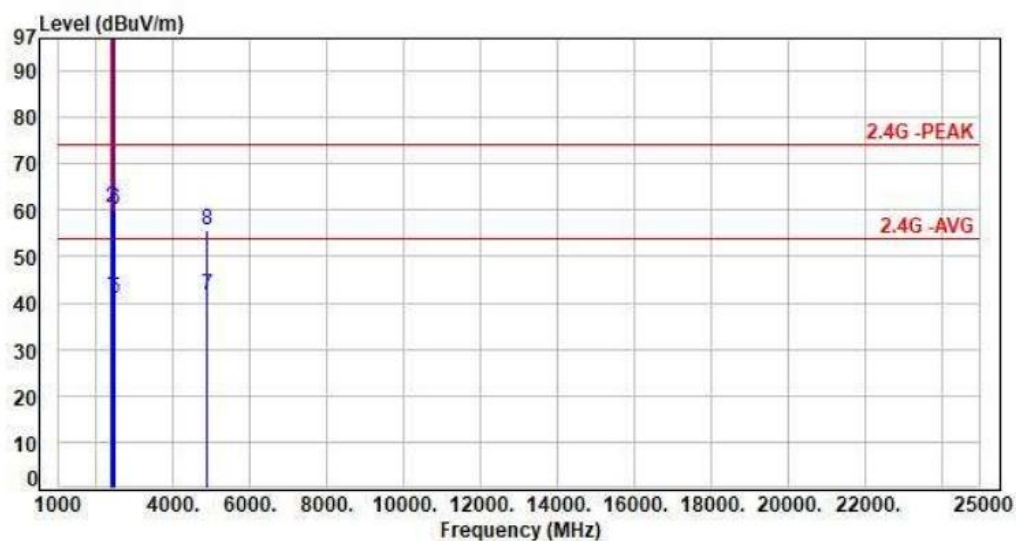
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	56.80	41.51	54.00	-12.49	Average	301	335	P
2	2390.00	-15.29	75.84	60.55	74.00	-13.45	Peak	301	335	P
3	2437.00	-15.43	115.29	99.86	200.00	-100.14	Average	301	335	P
4	2437.00	-15.43	125.63	110.20	200.00	-89.80	Peak	301	335	P
5	2483.50	-15.35	56.33	40.98	54.00	-13.02	Average	301	335	P
6	2483.50	-15.35	75.39	60.04	74.00	-13.96	Peak	301	335	P
7	4874.00	-7.04	48.77	41.73	54.00	-12.27	Average	100	238	P
8	4874.00	-7.04	62.59	55.55	74.00	-18.45	Peak	100	238	P

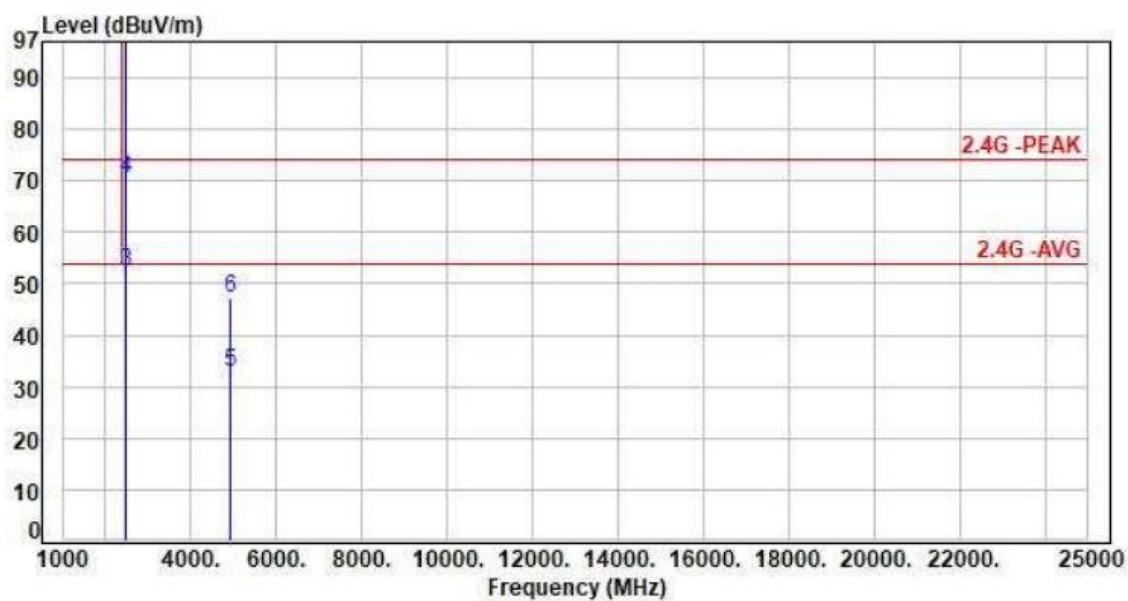
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	113.26	97.83	200.00	-102.17	Average	102	3	P
2	2462.00	-15.43	123.19	107.76	200.00	-92.24	Peak	102	3	P
3	2483.50	-15.35	67.66	52.31	54.00	-1.69	Average	102	3	P
4	2483.50	-15.35	85.72	70.37	74.00	-3.63	Peak	102	3	P
5	4924.00	-6.74	39.50	32.76	54.00	-21.24	Average	164	174	P
6	4924.00	-6.74	53.79	47.05	74.00	-26.95	Peak	164	174	P

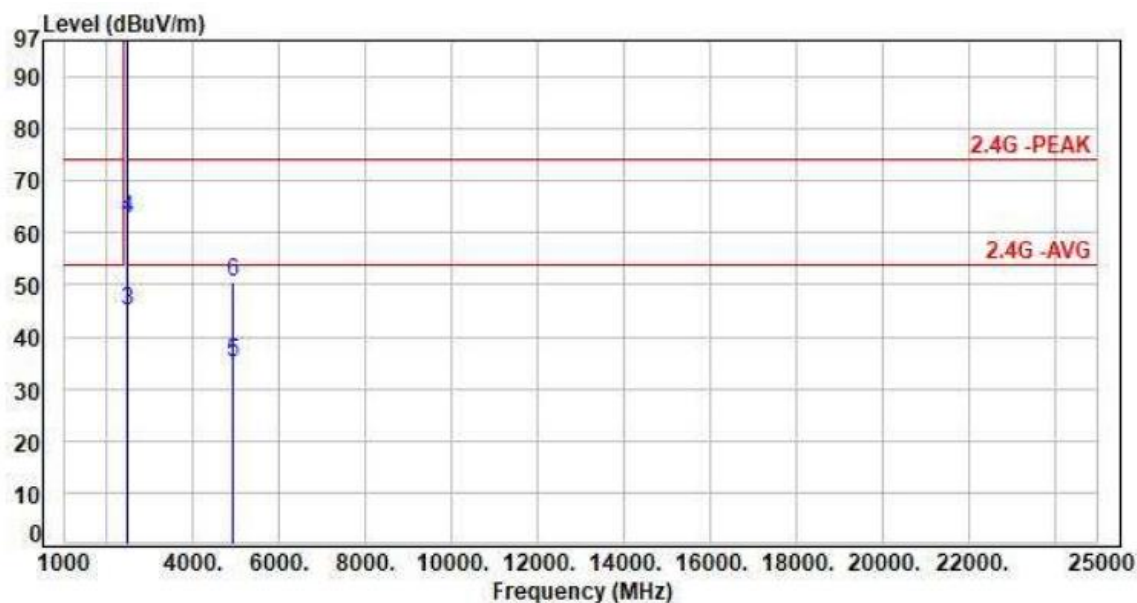
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	DC 12V Form Adapter (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	111.04	95.61	200.00	-104.39	Average	385	143	P
2	2462.00	-15.43	120.77	105.34	200.00	-94.66	Peak	385	143	P
3	2483.50	-15.35	60.41	45.06	54.00	-8.94	Average	385	143	P
4	2483.50	-15.35	78.12	62.77	74.00	-11.23	Peak	385	143	P
5	4924.00	-6.74	41.66	34.92	54.00	-19.08	Average	110	237	P
6	4924.00	-6.74	57.19	50.45	74.00	-23.55	Peak	110	237	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor