



晶復科技股份有限公司

A Test Lab Techno Corp.

低功率射頻電機試驗報告

報告編號 2008DR52

版本(Rev.) 01

產品名稱 手持式行動電話機

申請廠商 訊巖技術有限公司

廠 牌 HUAWEI

型式 (號) MED-LX9

產品試驗依據之標準 低功率射頻電機技術規範(LP0002) 107 年 1 月 10 日

報告發行日期 109 年 09 月 07 日

填發本型式認可報告之試驗機構 (認可代號)

晶復科技股份有限公司
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財團法人全國認證基金會
認證編號 : 1330
認證有效期間 : 108.09.06 ~ 111.09.05
認可能量範圍 : 低功率射頻電機技術規範(LP0002) (頻率範圍:9 kHz to 40 GHz)

免責聲明

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報告修訂紀錄

版本 (Rev.)	發行日期	修訂內容	修訂者
00	109 年 09 月 01 日	初版發行	趙翊如
01	109 年 09 月 07 日	更新 1.1 章節(P.6) 更新 2.5 章節(P.10)	趙翊如

低功率射頻電機測試證明書

產品名稱：手持式行動電話機

廠牌：HUAWEI

型號：MED-LX9

申請廠商：訊歲技術有限公司

申請者地址：臺北市內湖區洲子街55、57號3樓

製造廠商：Huawei Device Co., Ltd.

製造商地址：No.2 of Xincheng Road, Songshan Lake Zone, Dongguan, Guangdong
523808, People's Republic of China

待測物電壓：DC 5 V, 2 A

試驗電壓：110 Vac, 60 Hz

量測規範：低功率射頻電機技術規範(LP0002) 107年1月10日

試驗實驗室：晶復科技股份有限公司(桃園市八德區長安街140-1號)

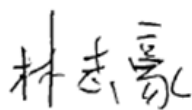
樣品接受日期：109 年 08 月 14 日

試驗日期：109 年 08 月 14 日~109 年 08 月 18 日

報告中所描述之測試結果與待測設備之架構組合，均根據實際量測情況作詳實的記錄。
由測試結果顯示，上述待測設備樣機確實已符合低功率射頻電機技術規範(LP0002)所規定的各項限制值。

特此證明！

審核者：



(林 志 豪)

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1. 一般敘述

1.1 待測設備一般敘述

本敘述僅針對產品簡單說明之，其他詳細之規格請參考使用說明書。

產 品 名 稱	手持式行動電話機		
廠 牌	HUAWEI		
型 號	MED-LX9		
I M E I N o .	IMEI1: 867962053572684, IMEI2: 867962053572692		
額 定 電 源	DC 5 V, 2 A		
調 變 方 式	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n 2.4 GHz 20 MHz / 40 MHz: OFDM		
頻 率 使 用 範 圍	Mode	Frequency Range (MHz)	
	IEEE 802.11b / IEEE 802.11g / IEEE 802.11n 2.4 GHz 20 MHz	2412 – 2462	
	IEEE 802.11n 2.4 GHz 40 MHz	2422 – 2452	
天 線 廠 牌	海通		
天 線 型 號	HT_ZAL1888		
天 線 型 態	IFA Antenna		
天 線 增 益 值	-1.34 dBi		
R F 最 大 輸 出 功 率	Mode	Power	
	IEEE 802.11b	16.92 dBm	0.049 W
	IEEE 802.11g	17.63 dBm	0.058 W
	IEEE 802.11n 2.4 GHz 20 MHz	17.55 dBm	0.057 W
	IEEE 802.11n 2.4 GHz 40 MHz	14.09 dBm	0.026 W

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	Micro USB Port	1	連接至電源供應器
2	Card Port	1	連接至 Micro SD Card / Nano SIM Card
3	Audio Port	1	連接至多媒體終端

待測設備外圍說明：

電 源 線 類 別	本產品透過 USB Cable 供電
附 屬 裝 置	請參見下列附屬裝置表

附屬裝置表：

裝置名稱	廠牌	型號	備註
內建固定式電池	HUAWEI	HB526489EEW	3.85 VDC, 4900 mAh
電源供應器	HUAWEI	HW-050200U02	INPUT : 100-240 VAC, 50/60 Hz, 0.5 A OUTPUT : 5.0 VDC, 2 A 製造商(1)：深圳市航嘉馳源電氣股份有限公司 製造商(2)：惠州比亞迪電子有限公司 製造商(3)：東莞達宏電子有限公司
USB Cable(1)	HUAWEI	L99U2068-CS-H	STD-A→Micro-B Shielded, 1.0 m
USB Cable(2)	HUAWEI	203-1909-0	STD-A→Micro-B Shielded, 1.0 m 製造商(1)：廣東銘基高科電子股份有限公司 製造商(2)：江西錦寶科技有限公司
USB Cable(3)	HUAWEI	WA0019	STD-A→Micro-B Shielded, 1.0 m
耳機	HUAWEI	22040339	Non-Shielded, 1.1 m 製造商(1)：博羅縣全成電子有限公司 製造商(2)：富頂精密組件(深圳)有限公司

1.2 其他相關聲明

本測試報告屬(以下選擇一種打■)

☒	申請新的型式檢驗認可的測試。
☐	已取得型式檢驗認可之商品,因設計變更而重新測試。 登錄號碼: XXXXXXXX

2. 量測儀器及測試配置說明

2.1 量測設備

For Conducted

Test Period: Aug. 17, 2020

測試者: 申世傑

名稱	廠牌	型號	序號	本次校驗日期	校驗年限
Spectrum Analyzer (10 Hz~26.5 GHz)	KEYSIGHT	N9010B	MY59071418	03/17/2020	1 year
Power Sensor	Agilent	N1921A	MY45241957	12/11/2019	1 year
Power Meter	Agilent	N1911A	MY45101619	12/11/2019	1 year

For Conducted Emission

Test Period: Aug. 14, 2020

測試者: 邱孝儒

名稱	廠牌	型號	序號	本次校驗日期	校驗年限
測試接收機 (9 kHz~3 GHz)	R&S	ESCI	100367	05/25/2020	1 year
線性阻抗模擬網路	R&S	ENV216	101040	03/23/2020	1 year
線性阻抗模擬網路	R&S	ENV216	101041	04/06/2020	1 year

For Radiated Emissions

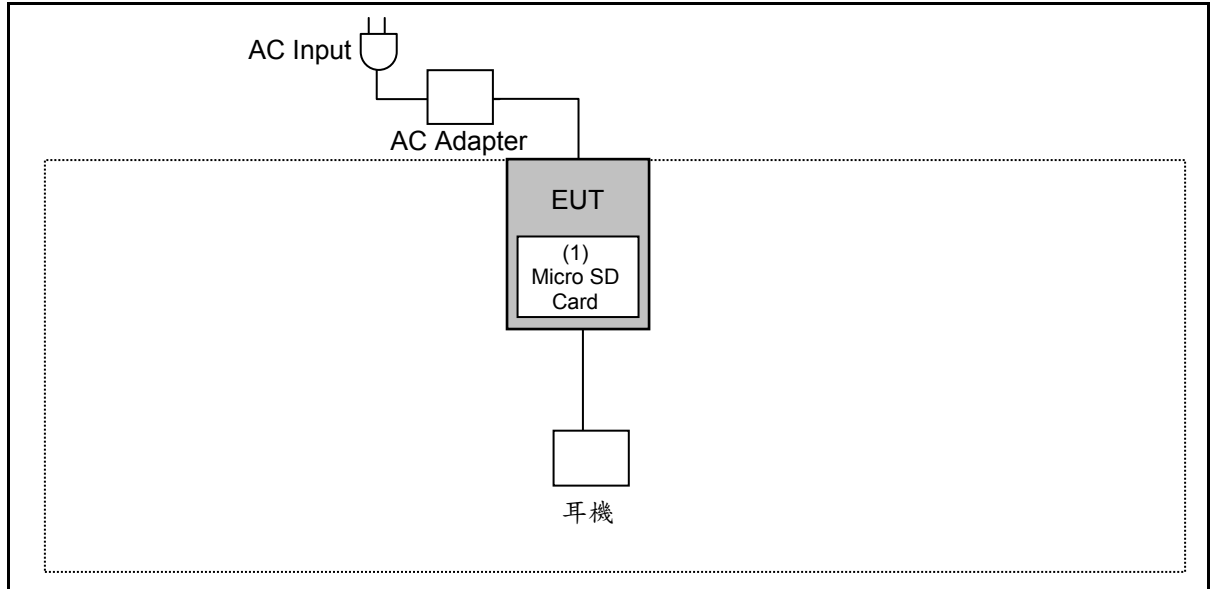
Test Period: Aug. 18, 2020

測試者: 劉彥聖, 葉佳原

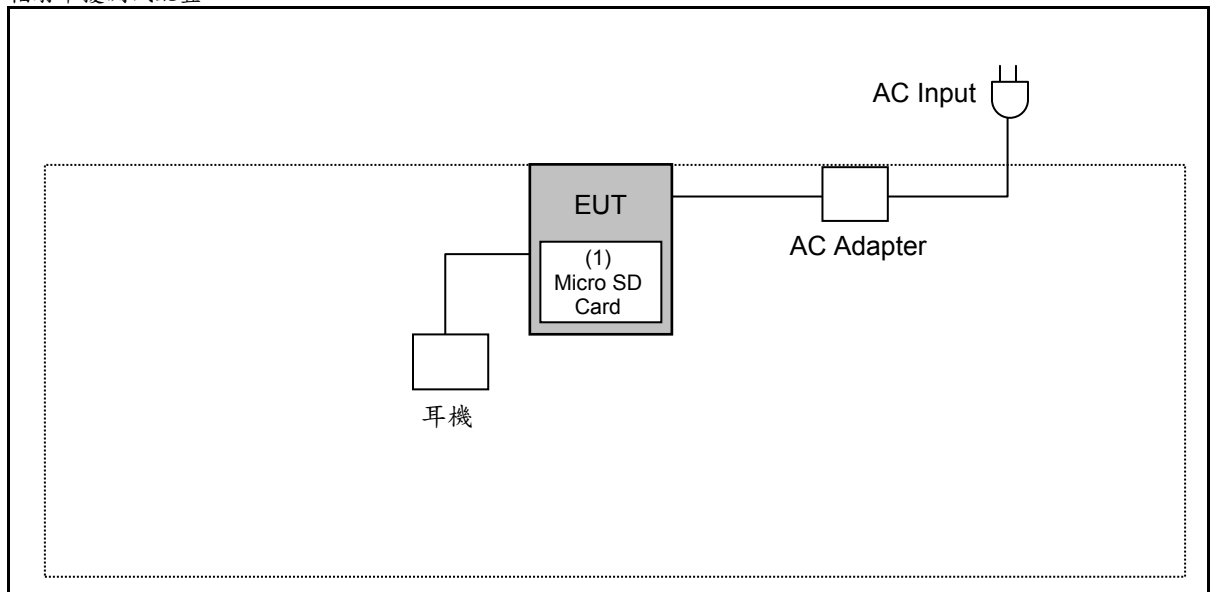
名稱	廠牌	型號	序號	本次校驗日期	校驗年限
Spectrum Analyzer	KEYSIGHT	N9030B	MY57143537	04/14/2020	1 year
Amplifier	Agilent	8449B	3008A02237	10/18/2019	1 year
Amplifier	Agilent	8447D	2944A11119	01/15/2020	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	01146	07/03/2020	1 year
天線(1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	02207	06/30/2020	1 year
天線(18~40 GHz)	ETS	3116	00086467	12/13/2019	1 year

2.2 檢驗系統示意圖

電源傳導干擾測試配置



輻射干擾測試配置



2.3 輔助測試之週邊設備描述

下列輔助設備或配件為測試中所使用，以形成一個代表性的受測系統。

週邊名稱		廠牌	型號	序號	電源線	備註
(1)	Micro SD Card	Transcend	9153BA 8G 07DS1	---	---	容量：8 GB (實驗室提供)

2.4 測試軟體版本

Measurement Software			
No.	Description	Software	Version
1	Conducted Emission	EZ EMC	1.1.4.3
2	Radiated Emission	EZ EMC	1.1.4.4

2.5 測試模式

使用定頻模式量測

Pre-Test Mode
Mode 1: Transmit Mode
Mode 2: IEEE 802.11b Continuous TX Mode
Mode 3: IEEE 802.11g Continuous TX Mode
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode
Mode 6: Receiver Mode

Final-Test Mode
Mode 1: Transmit Mode
Mode 2: IEEE 802.11b Continuous TX Mode
Mode 3: IEEE 802.11g Continuous TX Mode
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode
Mode 6: Receiver Mode

測試搭配組合：

EUT Configure Mode	CE	RE<1 GHz	RE $\geq$ 1 GHz	備註
內建固定式電池	V	V	V	
電源供應器	V	V	V	製造商(1)
電源供應器				製造商(2)
電源供應器				製造商(3)
USB Cable(1)				
USB Cable(2)				製造商(1)
USB Cable(2)				製造商(2)
USB Cable(3)	V	V	V	
耳機製造商(1)				
耳機製造商(2)	V	V	V	
Micro SD Card	V	V	V	

RE $\geq$ 1 GHz : Radiated Emission above 1 GHz & Bandedge Measurement

RE<1 GHz : Radiated Emission below 1 GHz

CE : Conducted Emission

V : Final mode

X : Non support

Test Mode	ANT-0
Mode 2	V
Mode 3	V
Mode 4	V
Mode 5	V

Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 2	1TX / 1RX	1	1, 6, 11
Mode 3	1TX / 1RX	6	1, 6, 11
Mode 4	1TX / 1RX	6.5	1, 6, 11
Mode 5	1TX / 1RX	13.5	3, 6, 9

Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minumun VBW (kHz)
Mode 2	2412	14.310	14.310	1.000	0.000	0.010
Mode 3	2412	1.405	1.435	0.979	0.092	0.712
Mode 4	2412	1.305	1.335	0.978	0.099	0.766
Mode 5	2422	2.442	2.472	0.988	0.053	0.010

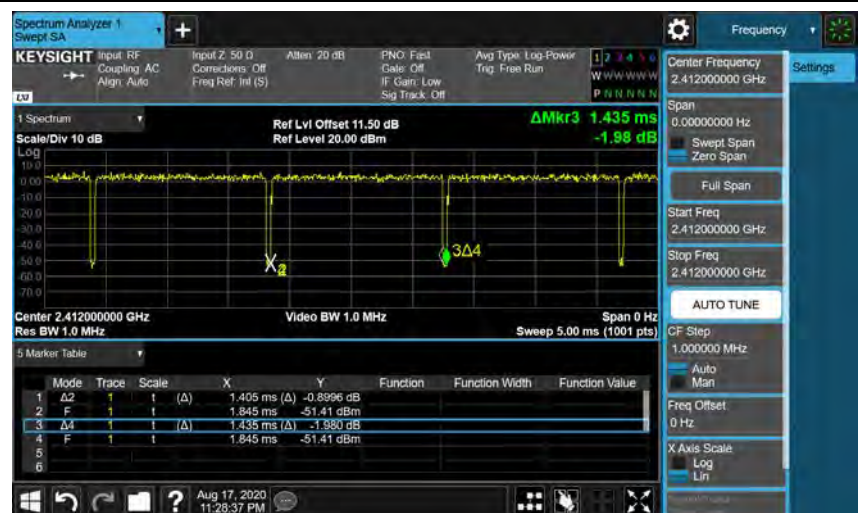
Mode 2: IEEE 802.11b Continuous TX Mode

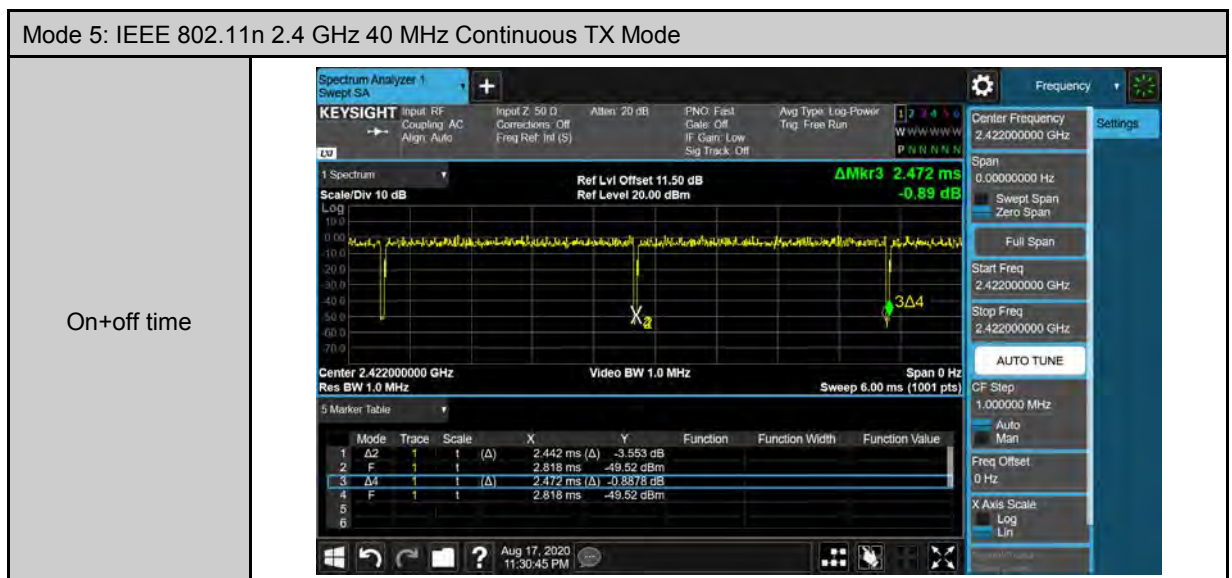
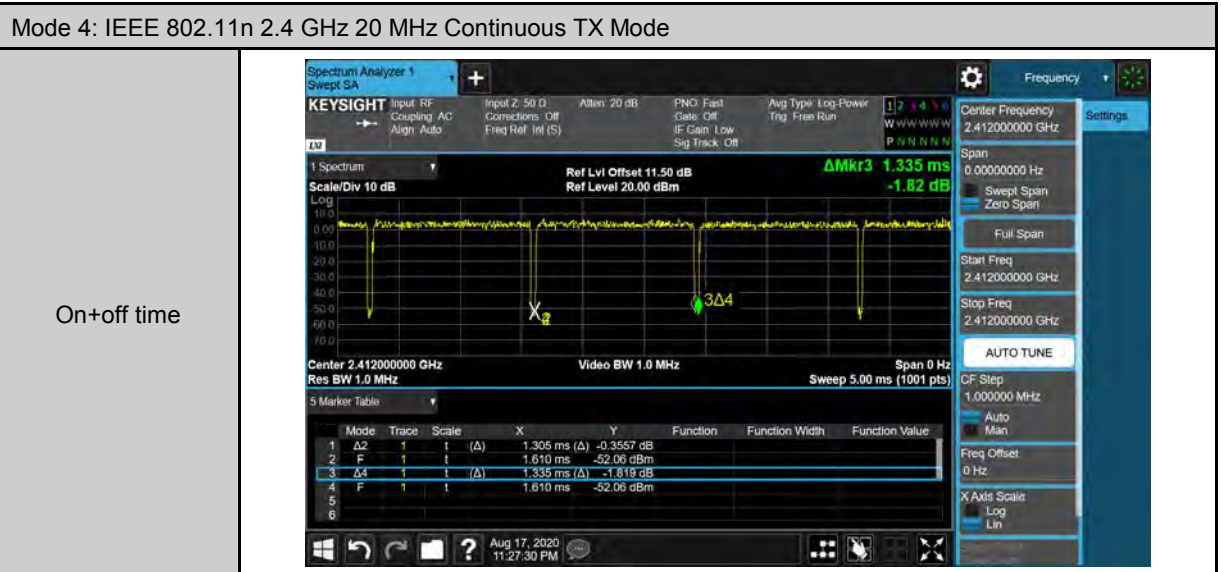
On+off time



Mode 3: IEEE 802.11g Continuous TX Mode

On+off time





2.6 量測不確定度

下列量測不確定水準是參照量測儀器 CISPR 16-4-2 所規定之不確定度。

Test Item	Frequency Range	Uncertainty (dB)
Conducted Emission	150 kHz ~ 30 MHz	2.68
Radiated Emission	9 kHz ~ 30 MHz	2.14
	30 MHz ~ 1000 MHz	4.99
	1000 MHz ~ 18000 MHz	4.99
	18000 MHz ~ 26500 MHz	4.23
	26500 MHz ~ 40000 MHz	4.39
Conducted Output Power	0.92 dB	
RF Bandwidth	4.79 %	
Power Spectral Density	0.92 dB	

2.7 試驗環境

產品測試時之實驗室環境條件如下：

項 目	測 試 項 目	需 求	實 際
溫度 Temperature (°C)	LP0002	10 - 40	20 - 30
濕度 Humidity (%RH)		10 - 90	45 - 75

3. 測試項目與結果判定總表

本測試報告之所有項目皆依據 NCC 低功率射頻電機技術規範(LP0002)之檢驗法。

2.4 GHz 頻段適用下列表格

項次	測試項目	適用規範	測試結果	量測設備	結果判定
1	電源線傳導干擾	低功率射頻電機技術規範 2.3 節	請參閱 4.1 節	請參閱 2.1 節	符合
2	場強輻射	低功率射頻電機技術規範 2.8 節、2.9 節、3.10.1.5.(1)節	請參閱 4.2.1 節	請參閱 2.1 節	符合
3	頻帶邊緣外之輻射發射	低功率射頻電機技術規範 3.10.1.5.(1)節	請參閱 4.2.1 節	請參閱 2.1 節	符合
4	最大傳導輸出功率	低功率射頻電機技術規範 3.10.1.2(1)(C)節	請參閱 4.2.2 節	請參閱 2.1 節	符合
5	天線規格	低功率射頻電機技術規範 3.10.1.3(3)、3.10.1.4 節	請參閱 4.2.3 節	-----	符合
6	非必要頻帶	低功率射頻電機技術規範 3.10.1.5(1)節	請參閱 4.2.4 節	請參閱 2.1 節	符合
7	6 dB 頻寬	低功率射頻電機技術規範 3.10.1.6(2)(A)節	請參閱 4.2.5 節	請參閱 2.1 節	符合
8	峰值發射功率頻譜密度	低功率射頻電機技術規範 3.10.1.6(2)(B)節	請參閱 4.2.6 節	請參閱 2.1 節	符合
9	電波暴露量之評估	低功率射頻電機技術規範 5.20.2.1 節、5.20.2.2 節	請參閱 4.2.7 節	請參閱 2.1 節	符合

Note：本產品透過過預測試確認 X、Y 和 Z 個軸中最差之結果軸向為 X 軸，因此場強輻射完整測試 X 軸並將其結果記錄於報告中。

Decision Rule

- ☒ Uncertainty is not included.
- ☐ Uncertainty is included.

4. 測試項目表列

4.1 電源線傳導干擾之量測

合格標準：

依據 NCC 低功率射頻電機技術規範(LP0002)之 2.3 節，以市電為電源之低功率射頻電機，其傳導回電源線上頻率自 150 kHz 至 30 MHz 之射頻電壓（在電源端子每一電源線對接地點）不得超過下表所列之限值。測量時應經過 50 Ω /50 μ H 之電源線阻抗模擬網路 (LISN)。頻率重疊處，以較低限值為準。

Frequency (MHz)	傳導限制值 (dBuV)	
	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。

測試方法：

測試場地為標準傳導測試場地。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阻抗穩定網路上，從測試接收機記錄頻率由 0.15 MHz 至 30 MHz 之間之電源線傳導放射強度。

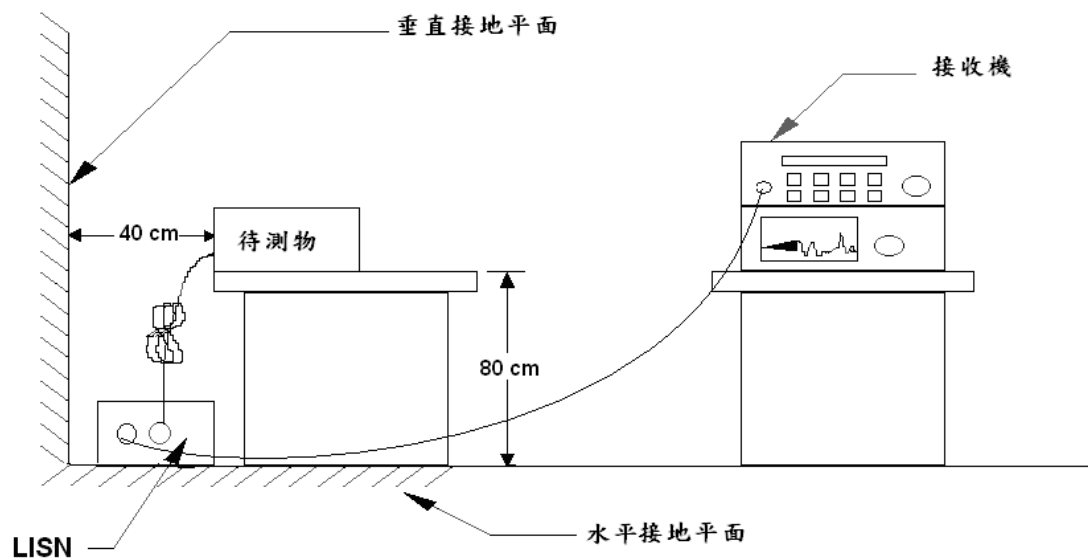
干擾值之計算

電源傳導干擾電壓之計算公式如下

結果值 = 儀器讀值(QP/AV) + 校正因子

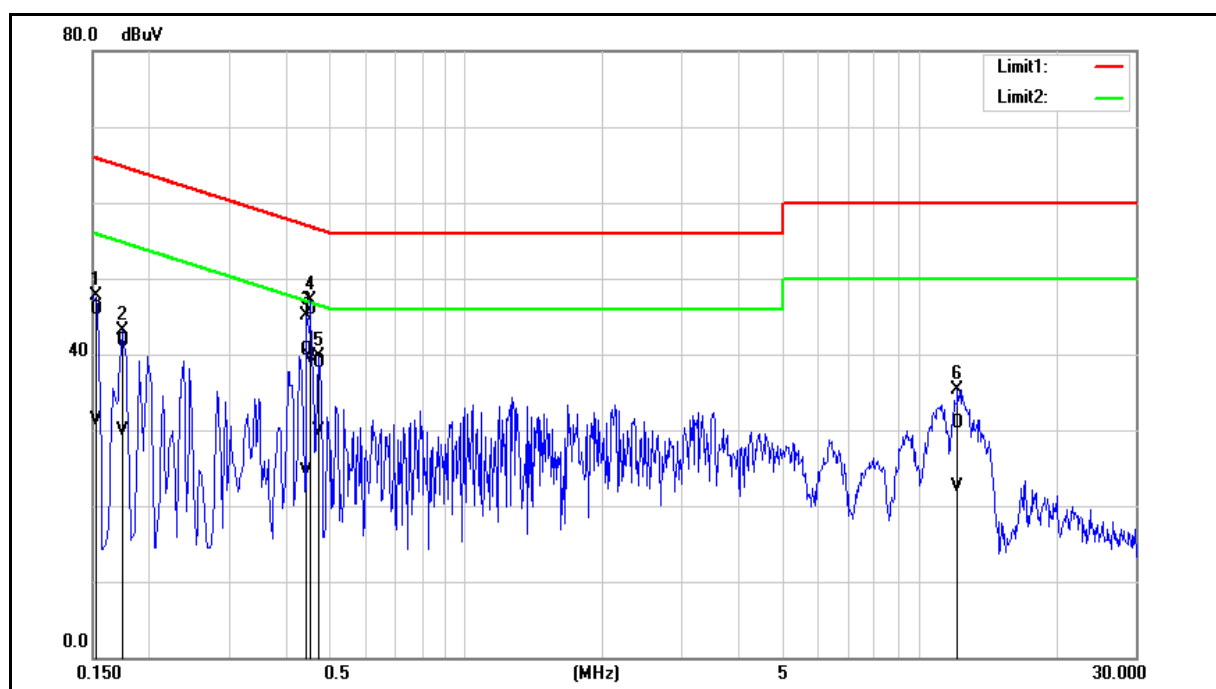
其中校正因子為：饋線損失 + 電源阻抗模擬網路損失

測試架構圖：



測試結果:

Standard:	LP0002	Line:	L1
Test item:	Conducted Emission	Power:	AC 110 V/60 Hz
Mode:	Mode 1		
Description:			

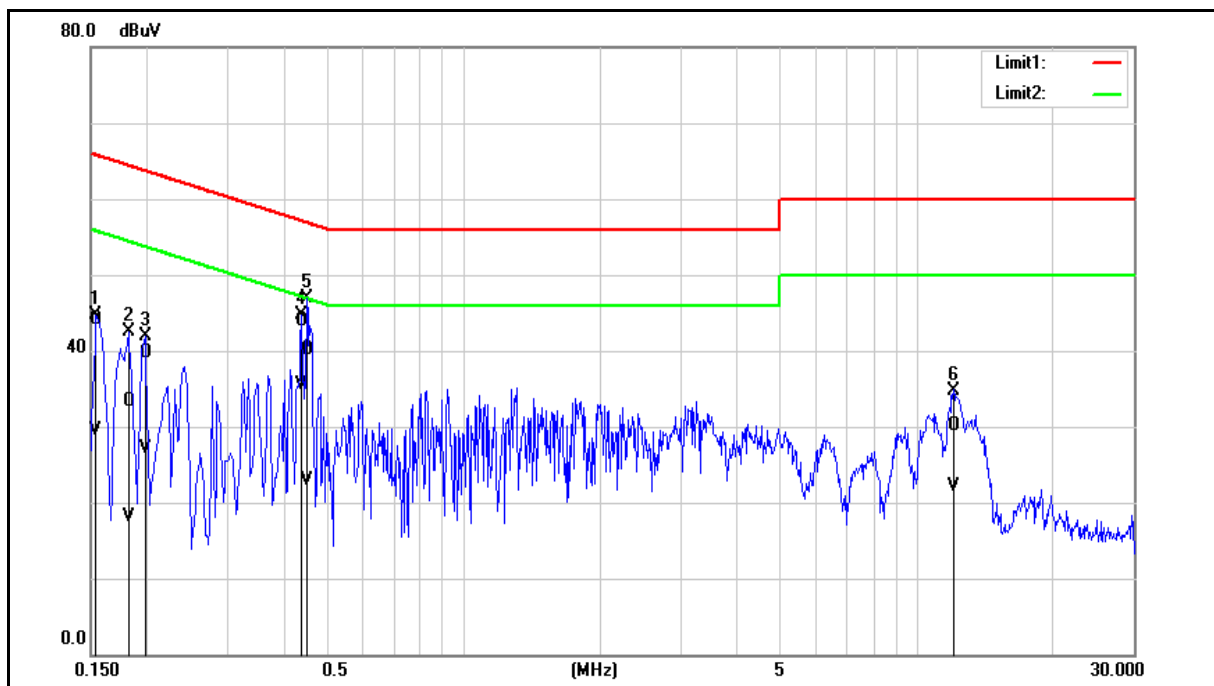


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1524	36.18	21.56	9.65	45.83	31.21	65.87	55.87	-20.04	-24.66	Pass
2	0.1740	32.08	20.32	9.65	41.73	29.97	64.77	54.77	-23.04	-24.80	Pass
3	0.4460	30.75	14.79	9.66	40.41	24.45	56.95	46.95	-16.54	-22.50	Pass
4	0.4540	36.33	29.86	9.66	45.99	39.52	56.80	46.80	-10.81	-7.28	Pass
5	0.4740	29.34	20.28	9.66	39.00	29.94	56.44	46.44	-17.44	-16.50	Pass
6	12.1620	20.96	12.67	9.93	30.89	22.60	60.00	50.00	-29.11	-27.40	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

2. 校正係數(dB) = 量測信號線損失(dB) + 電源阻抗模擬網路係數(dB)。

Standard:	LP0002	Line:	N
Test item:	Conducted Emission	Power:	AC 110 V/60 Hz
Mode:	Mode 1		
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1540	34.35	19.78	9.68	44.03	29.46	65.78	55.78	-21.75	-26.32	Pass
2	0.1820	23.63	8.41	9.67	33.30	18.08	64.39	54.39	-31.09	-36.31	Pass
3	0.1980	30.06	17.52	9.67	39.73	27.19	63.69	53.69	-23.96	-26.50	Pass
4	0.4380	34.30	25.77	9.69	43.99	35.46	57.10	47.10	-13.11	-11.64	Pass
5	0.4500	30.42	13.16	9.69	40.11	22.85	56.88	46.88	-16.77	-24.03	Pass
6	12.0580	20.09	12.00	10.02	30.11	22.02	60.00	50.00	-29.89	-27.98	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

2. 校正係數(dB) = 量測信號線損失(dB) + 電源阻抗模擬網路係數(dB)。

4.2 2.4 GHz 檢驗項目

4.2.1 場強輻射之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之使用頻帶範圍外之任意 100 千赫 (kHz)內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫(kHz)內的射頻功率，至少須衰減 20 dB，以射頻傳導或輻射方式測量。如發射機以依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.2(1)(C)之峰值傳導輸出功率量測方式者，至少須衰減 30 dB。此外，落於第 2.7 節禁用頻段之輻射發射，應符合第 2.8 節之規定。

依據 NCC 低功率射頻電機技術規範第 2.7 節之規定,禁用頻段如下：

頻率(MHz)	頻率(MHz)	頻率(MHz)	頻率(MHz)
0.090~0.110	108.00~138.00	1660.0~1785.0	8025.0~8500.0
0.490~0.510	149.90~150.05	1805.0~1888.0	9000.0~9200.0
2.172~2.198	156.70~156.90	1885.0~1900.0	9300.0~9500.0
3.013~3.033	162.01~167.17	1905.0~1985.0	10600~12700
4.115~4.198	167.72~173.20	2010.0~2025.0	13250~13400
5.670~5.690	240.00~285.00	2110.0~2170.0	14470~14500
6.200~6.300	322.00~335.40	2200.0~2300.0	15350~16200
8.230~8.400	399.90~410.00	2310.0~2390.0	17700~21400
12.265~12.600	485.00~510.00	2483.5~2900.0	22010~23120
13.340~13.430	608.00~614.00	3260.0~3267.0	23600~24000
14.965~15.020	703.00~748.00	3332.0~3339.0	31200~31800
16.700~16.755	758.00~803.00	3345.8~3358.0	36430~36500
19.965~20.020	825.00~915.00	3500.0~4400.0	38600 以上
25.500~25.700	930.00~1240.0	4500.0~5250.0	
37.475~38.275	1300.0~1427.0	5350.0~5460.0	
73.500~75.400	1435.0~1626.5	7250.0~7750.0	

依據 NCC 低功率射頻電機技術規範第 2.8 節之規定,除本規範各章節另有放寬規定者外,其電場強度不得超過下表之限值,且其不必要之發射皆不得大於主波發射強度。各頻段重疊處,以較嚴格之限制值為準。

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

測試方法：

測試場地為開放測試場,將待測物置於 0.8 米高的非金屬桌面,使其在工作狀態,接收天線置於 3 米外相同的高度。待測物分別要垂直或水平放置,而且桌面要 360 度旋轉,另外接收天線也要從 1.0 米至 4.0 米升降變化,以找出最大的輻射電場強度,接收天線置於水平、垂直極向各執行測試一次。

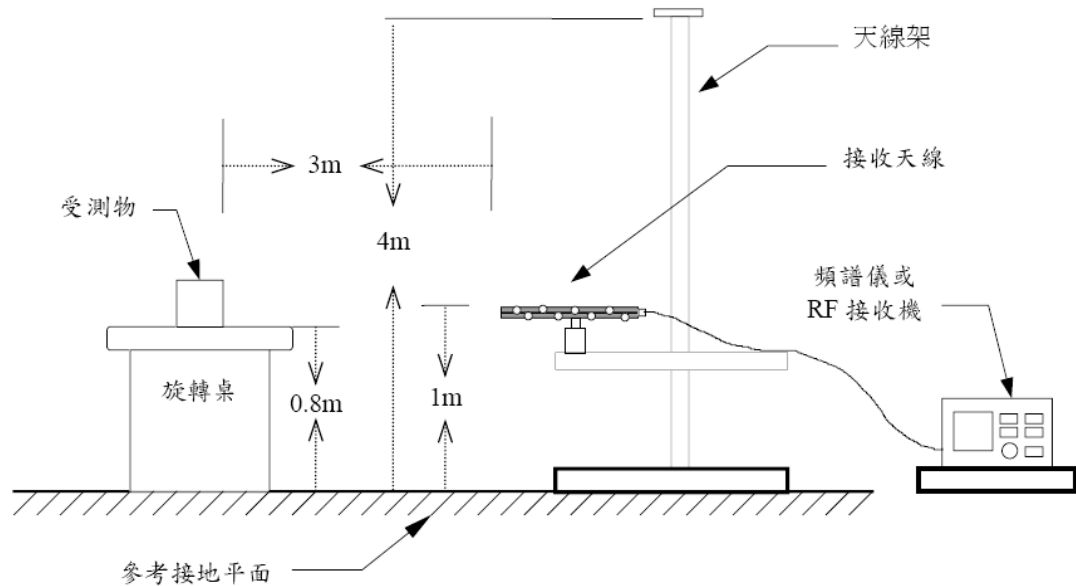
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

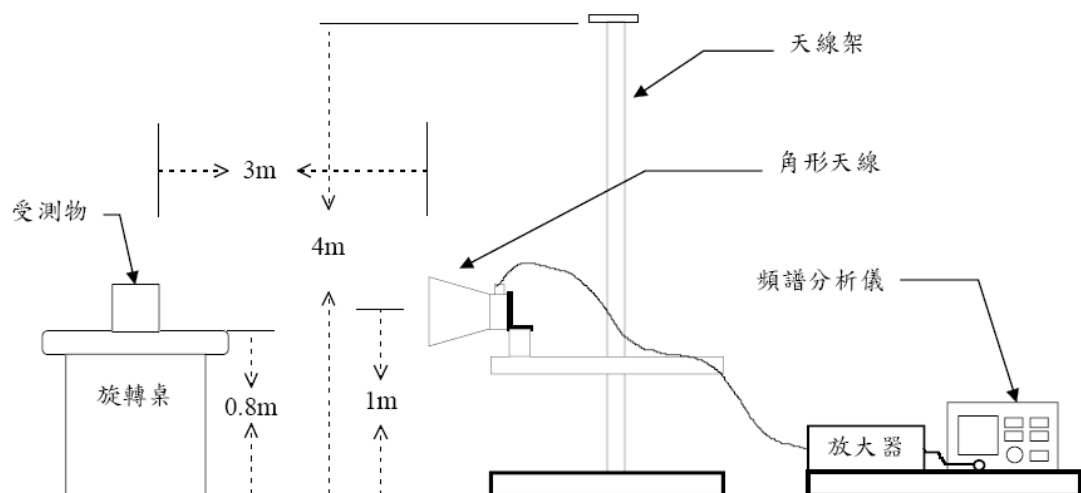
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置

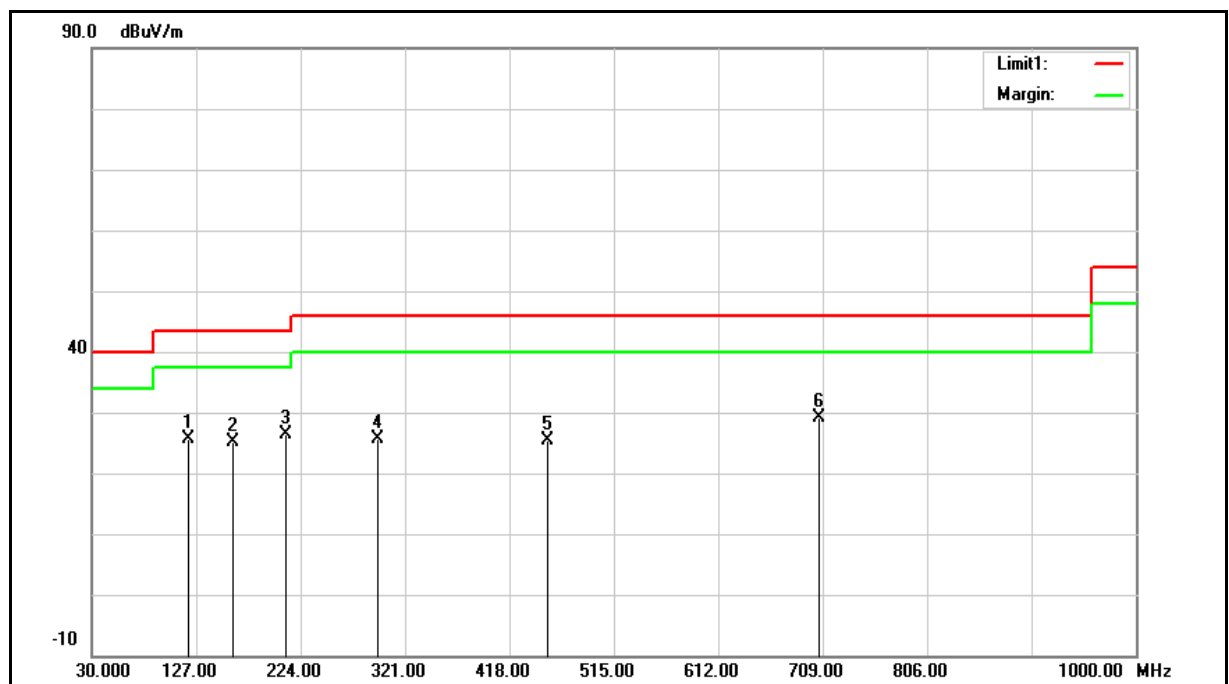


量測頻率高於 1 GHz 以上之測試配置



其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	120.2100	35.54	-9.99	25.55	43.50	-17.95	QP
2	160.9500	32.68	-7.62	25.06	43.50	-18.44	QP
3	210.4200	36.17	-9.87	26.30	43.50	-17.20	QP
4	295.7800	32.37	-6.68	25.69	46.00	-20.31	QP
5	452.9200	29.22	-3.95	25.27	46.00	-20.73	QP
6	706.0900	29.21	0.03	29.24	46.00	-16.76	QP

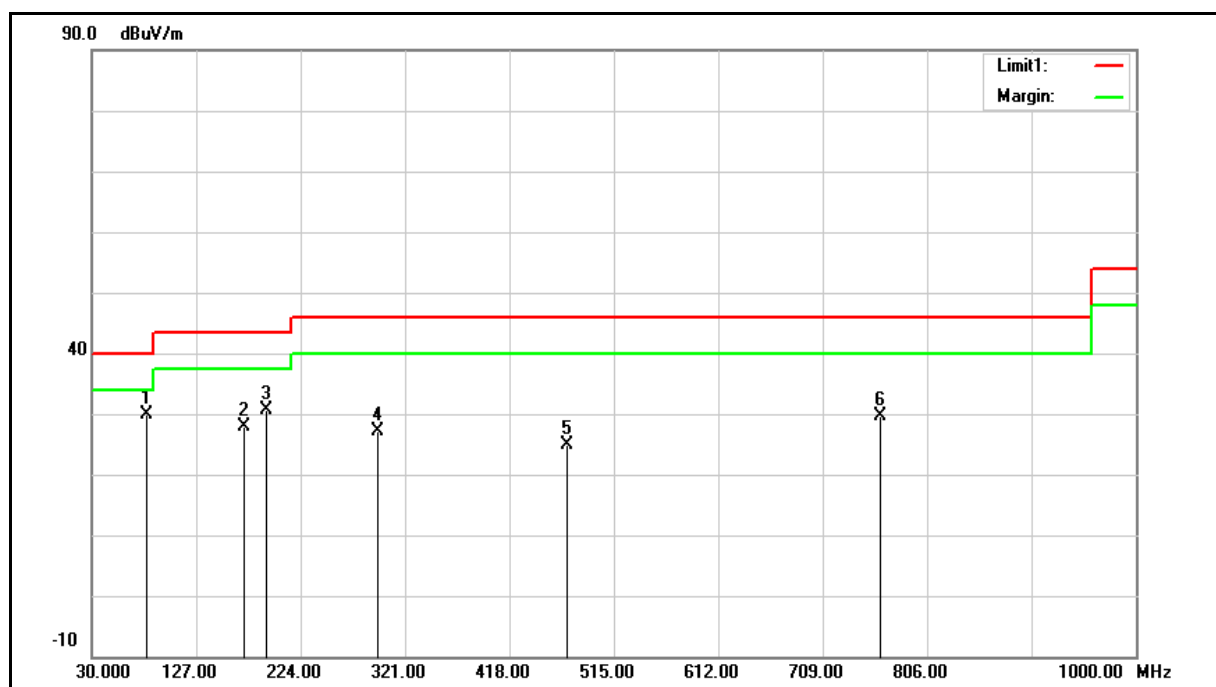
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 25.55 = -9.99 + 35.54

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	80.4400	42.73	-12.79	29.94	40.00	-10.06	QP
2	171.6200	35.99	-8.00	27.99	43.50	-15.51	QP
3	191.9900	40.79	-10.06	30.73	43.50	-12.77	QP
4	295.7800	33.83	-6.68	27.15	46.00	-18.85	QP
5	471.3500	28.78	-3.86	24.92	46.00	-21.08	QP
6	762.3500	28.62	0.95	29.57	46.00	-16.43	QP

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

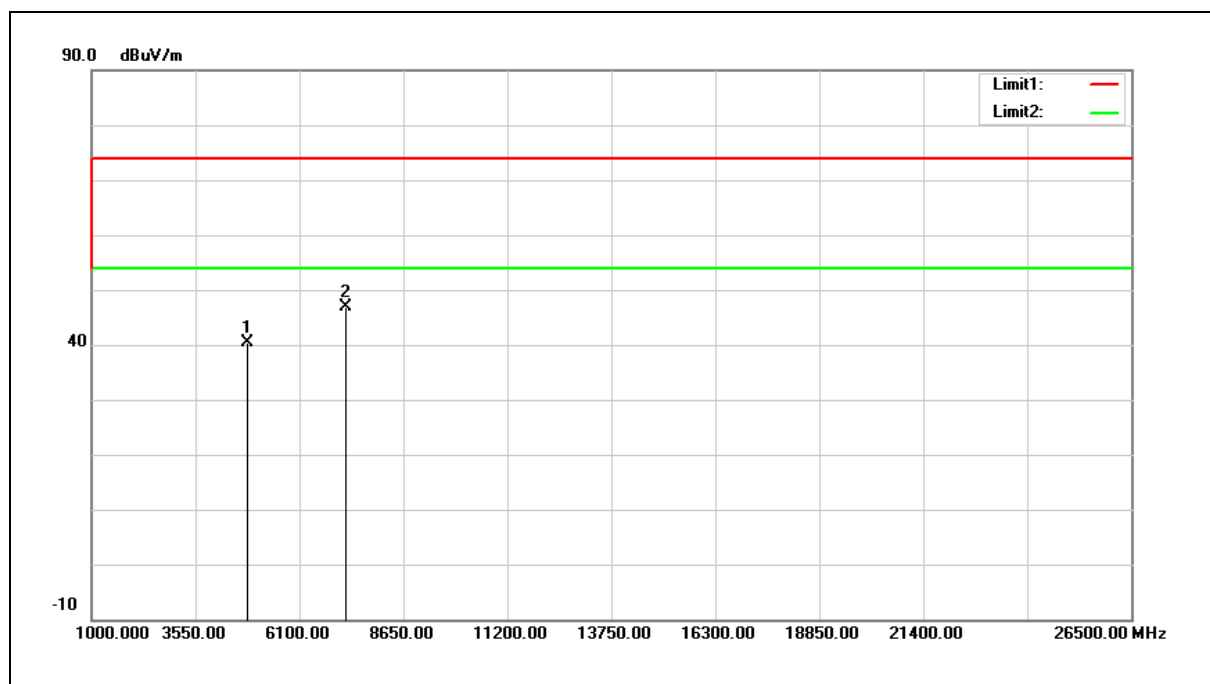
Example: $29.94 = -12.79 + 42.73$

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

場強輻射量側 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	37.61	2.84	40.45	74.00	-33.55	peak
2	7236.000	37.92	8.91	46.83	74.00	-27.17	peak

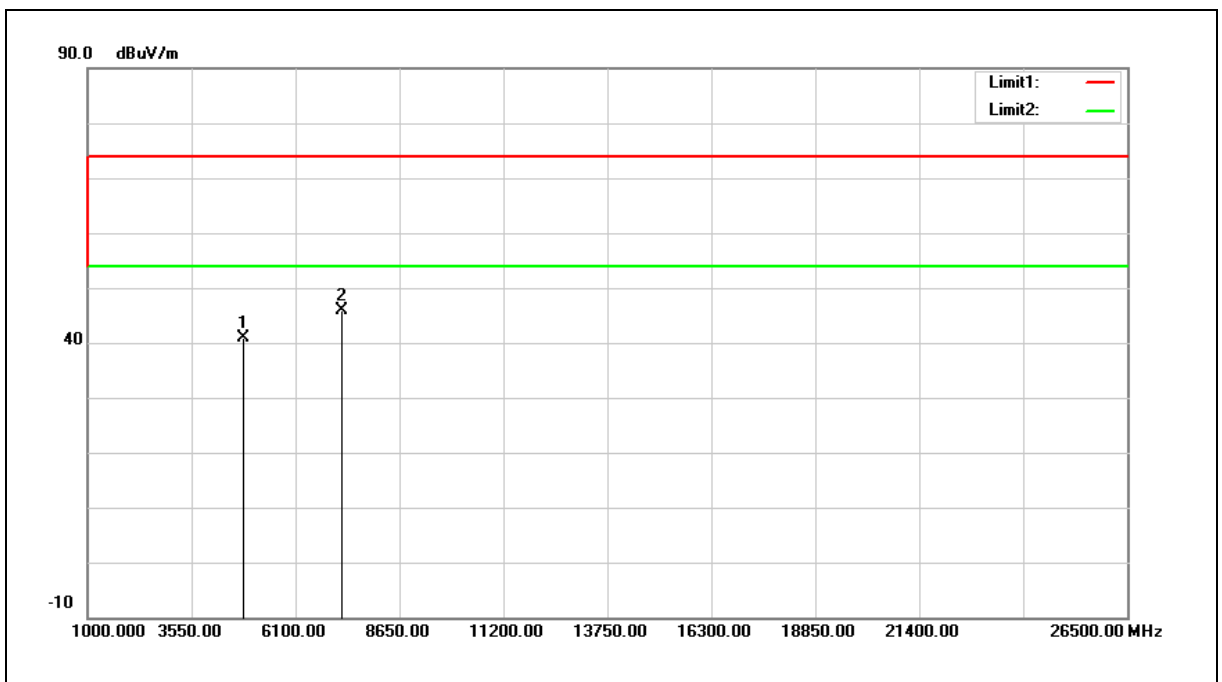
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $40.45 = 2.84 + 37.61$

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	38.14	2.84	40.98	74.00	-33.02	peak
2	7236.000	37.02	8.91	45.93	74.00	-28.07	peak

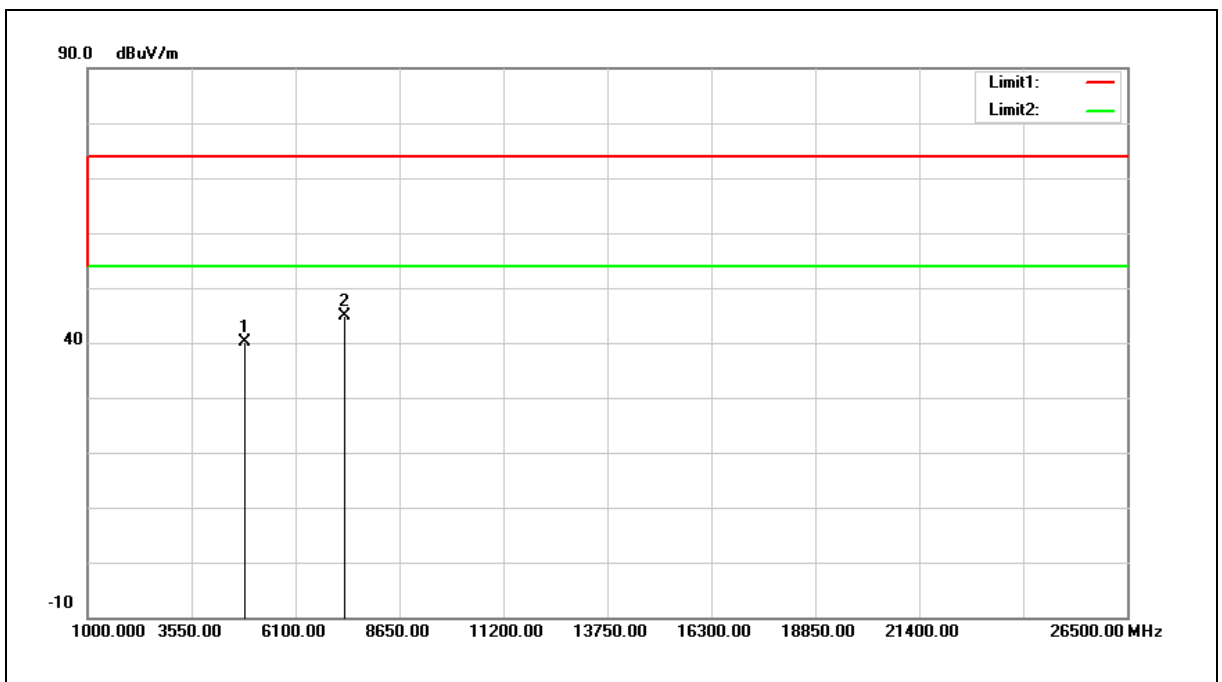
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $40.98 = 2.84 + 38.14$

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



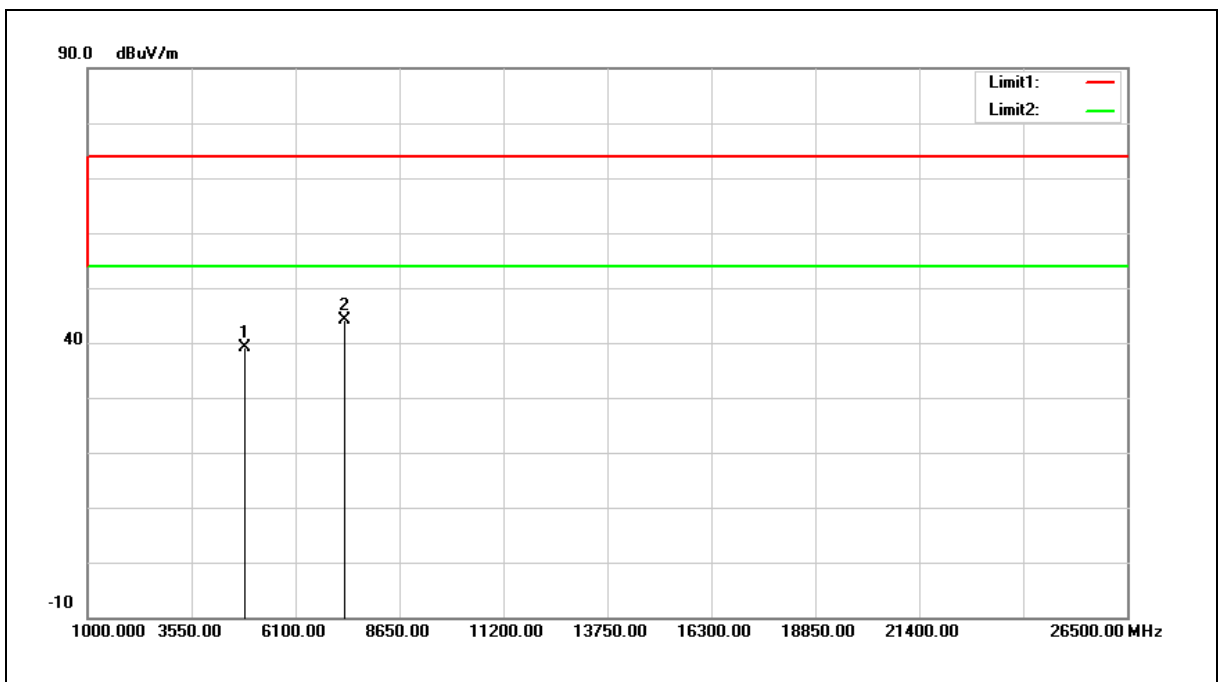
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	37.25	2.96	40.21	74.00	-33.79	peak
2	7311.000	35.62	9.14	44.76	74.00	-29.24	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



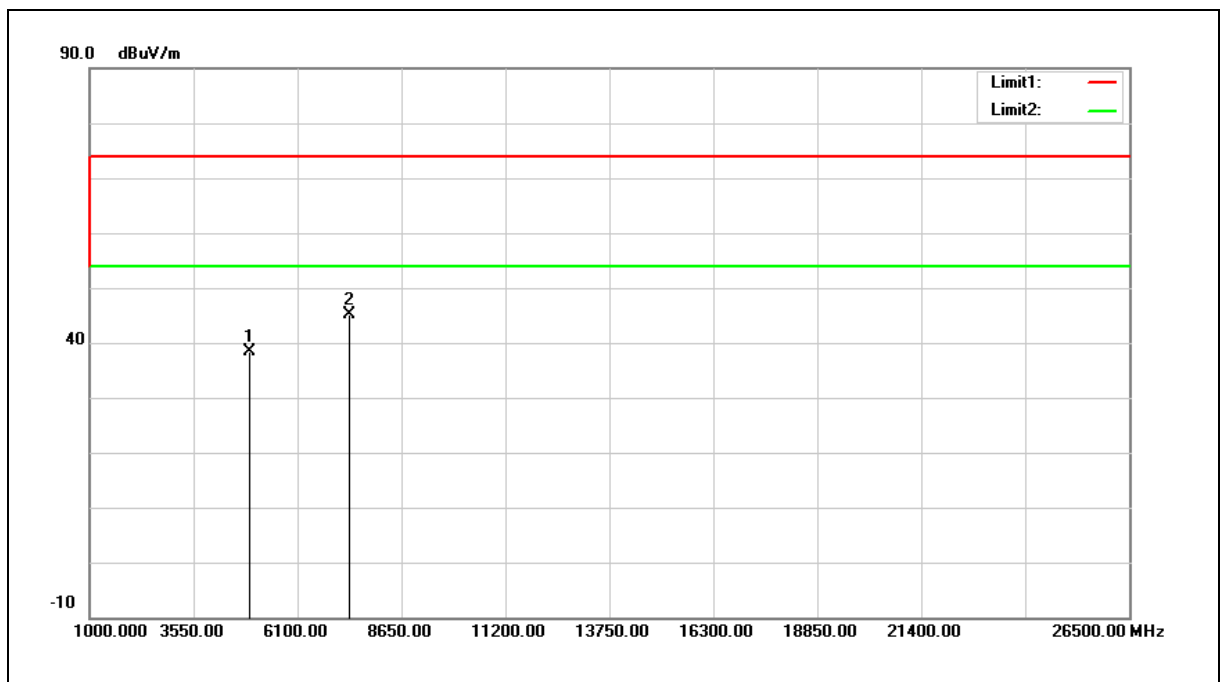
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	36.27	2.96	39.23	74.00	-34.77	peak
2	7311.000	34.96	9.14	44.10	74.00	-29.90	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



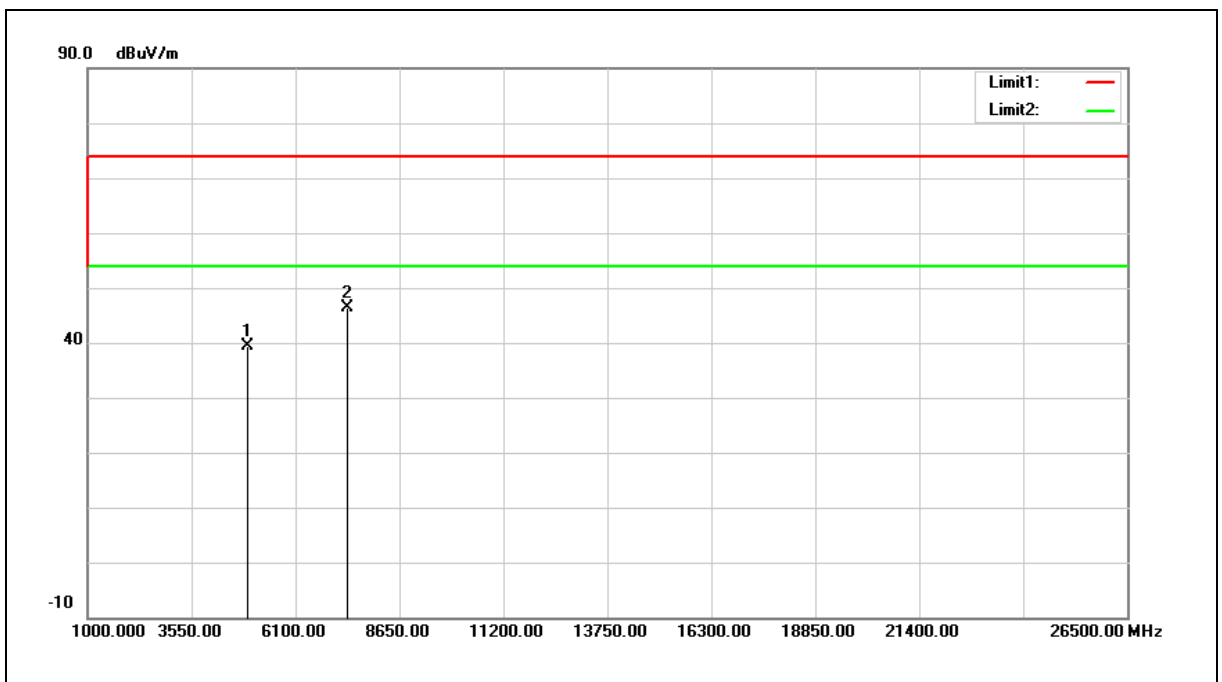
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.28	3.08	38.36	74.00	-35.64	peak
2	7386.000	35.73	9.38	45.11	74.00	-28.89	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



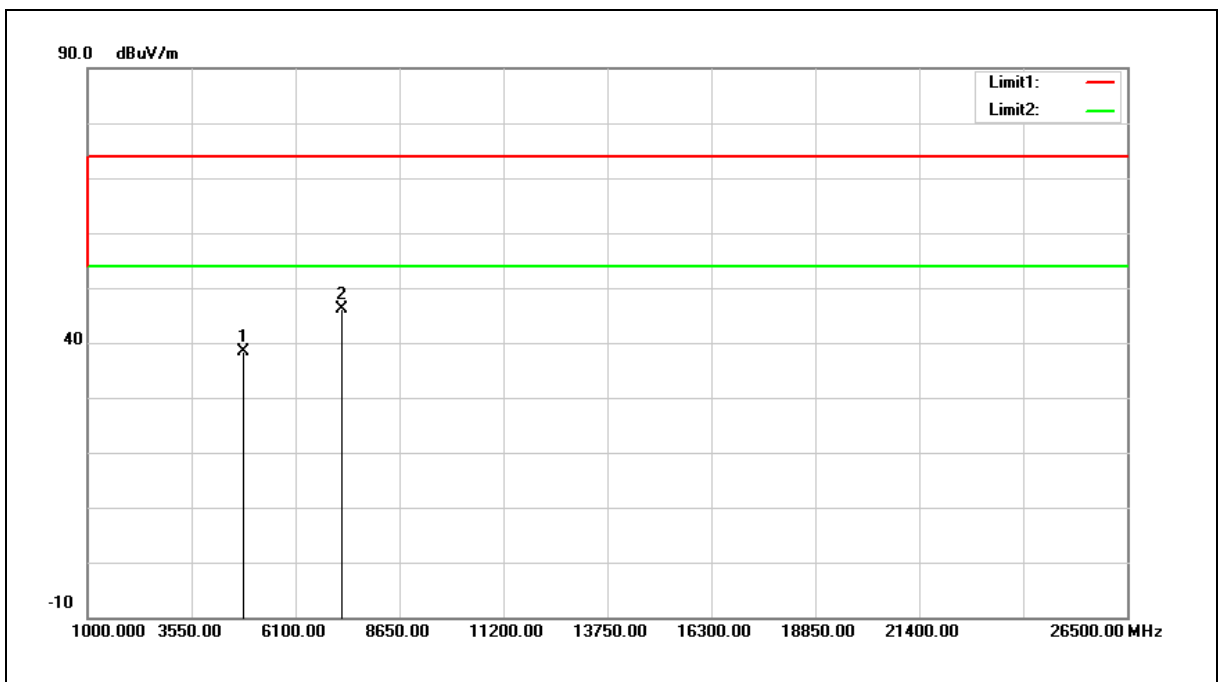
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	36.31	3.08	39.39	74.00	-34.61	peak
2	7386.000	36.90	9.38	46.28	74.00	-27.72	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



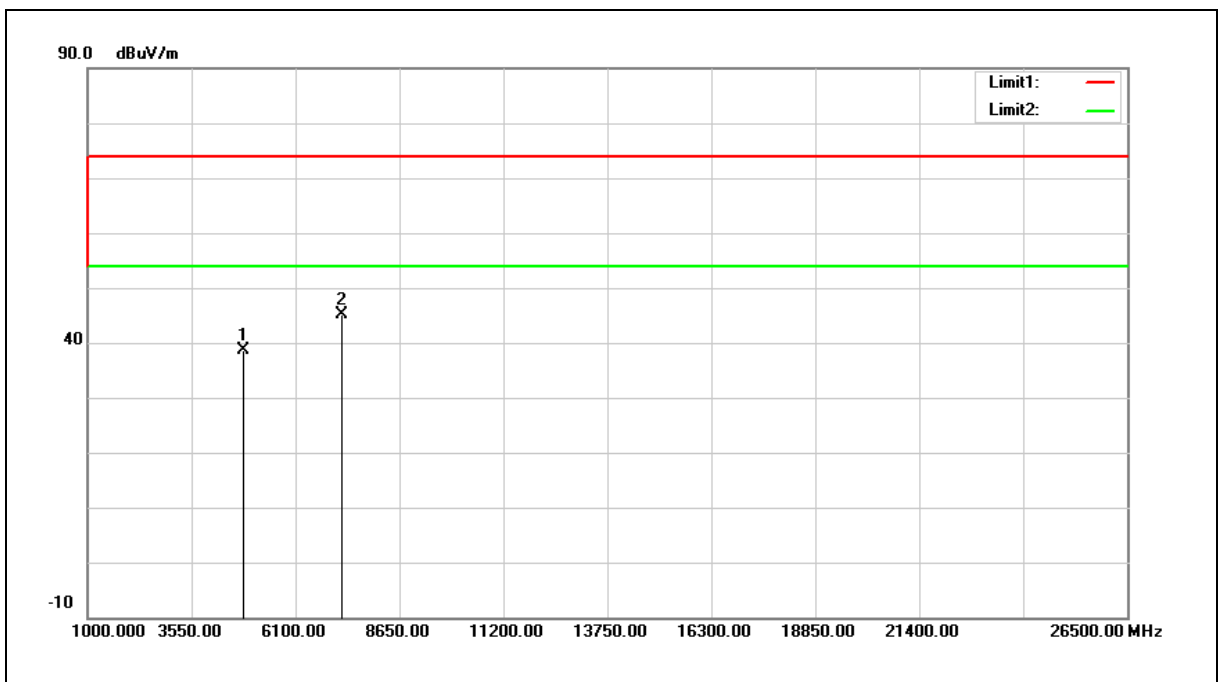
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.63	2.84	38.47	74.00	-35.53	peak
2	7236.000	37.28	8.91	46.19	74.00	-27.81	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



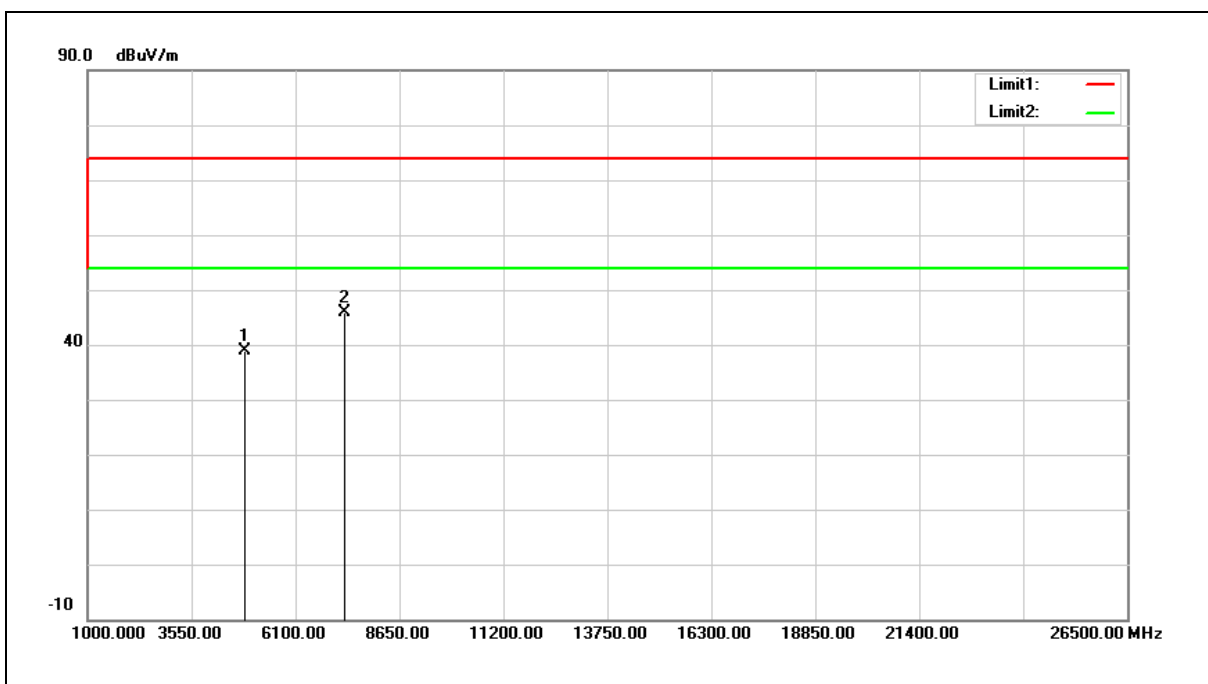
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.86	2.84	38.70	74.00	-35.30	peak
2	7236.000	36.13	8.91	45.04	74.00	-28.96	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



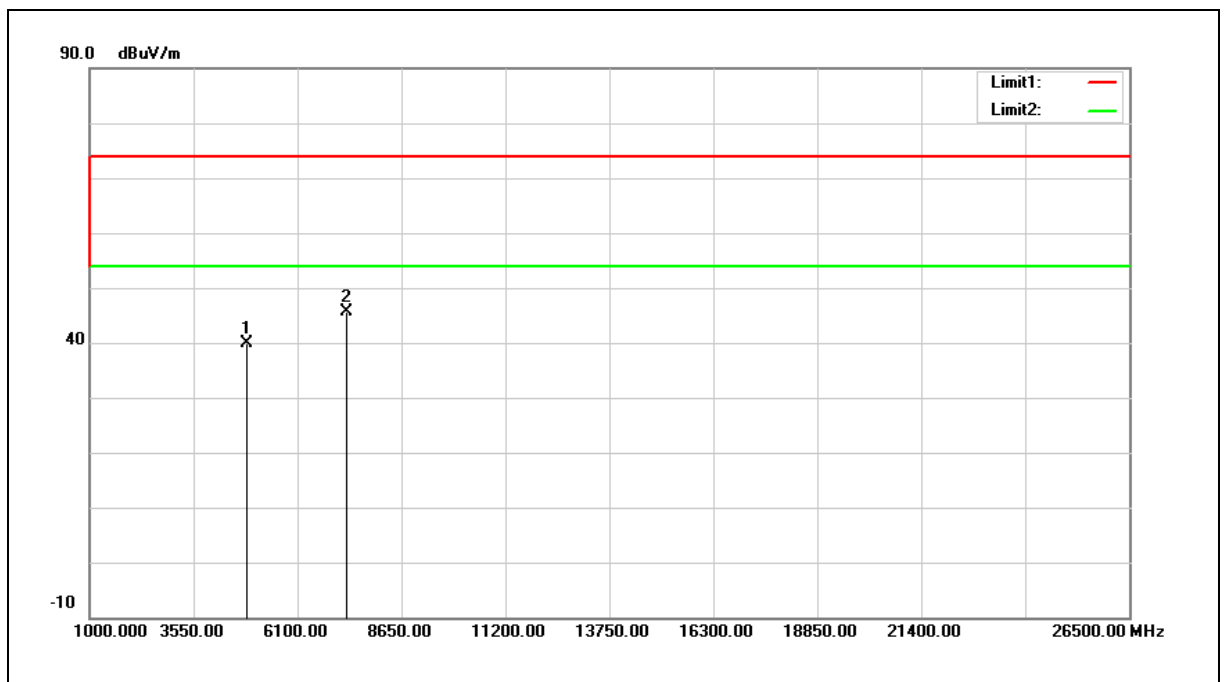
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	35.97	2.96	38.93	74.00	-35.07	peak
2	7311.000	36.82	9.14	45.96	74.00	-28.04	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



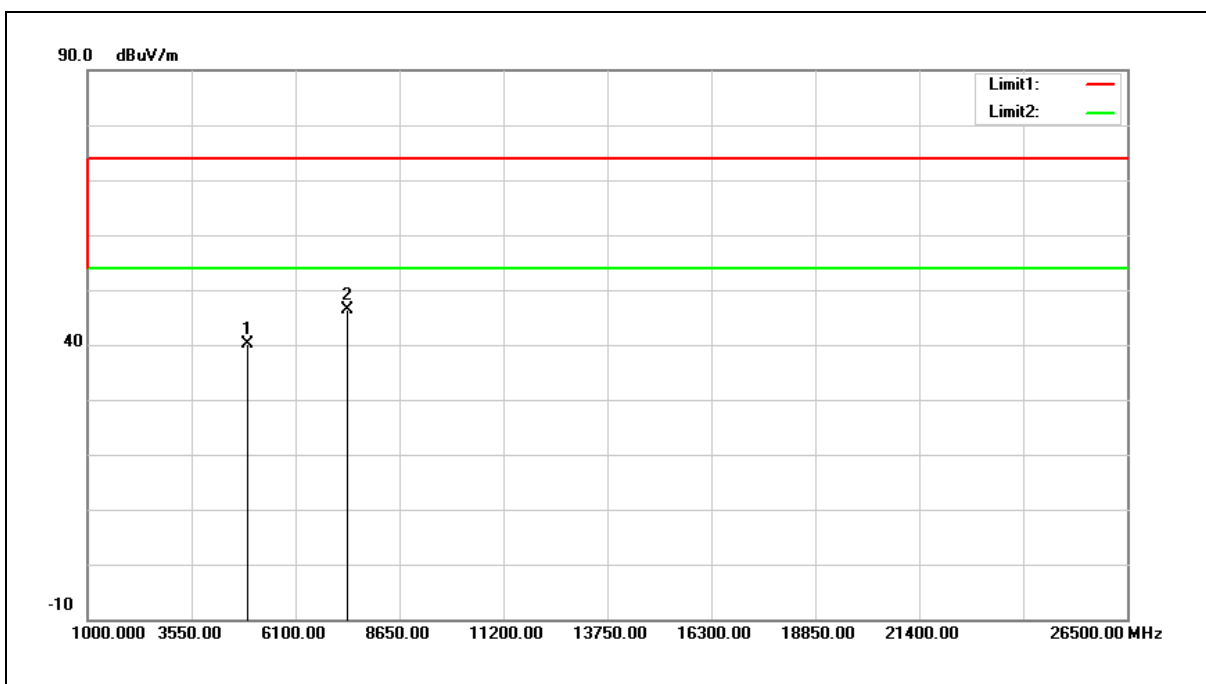
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	36.87	2.96	39.83	74.00	-34.17	peak
2	7311.000	36.53	9.14	45.67	74.00	-28.33	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



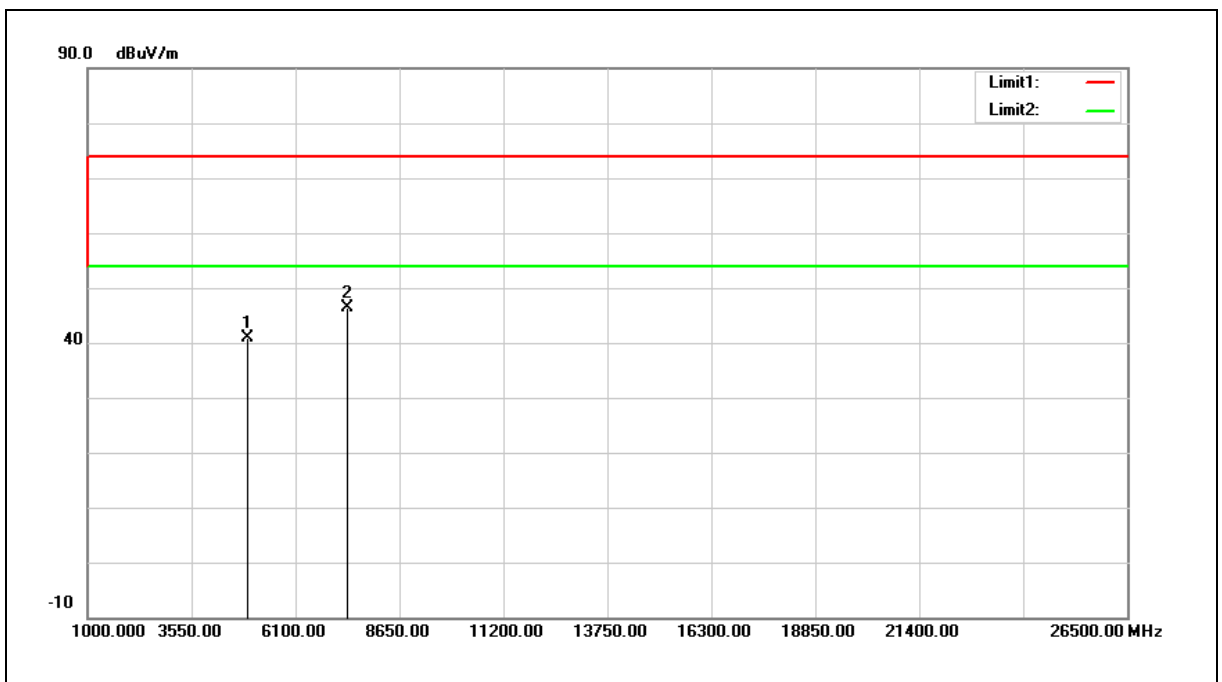
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	37.04	3.08	40.12	74.00	-33.88	peak
2	7386.000	36.88	9.38	46.26	74.00	-27.74	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



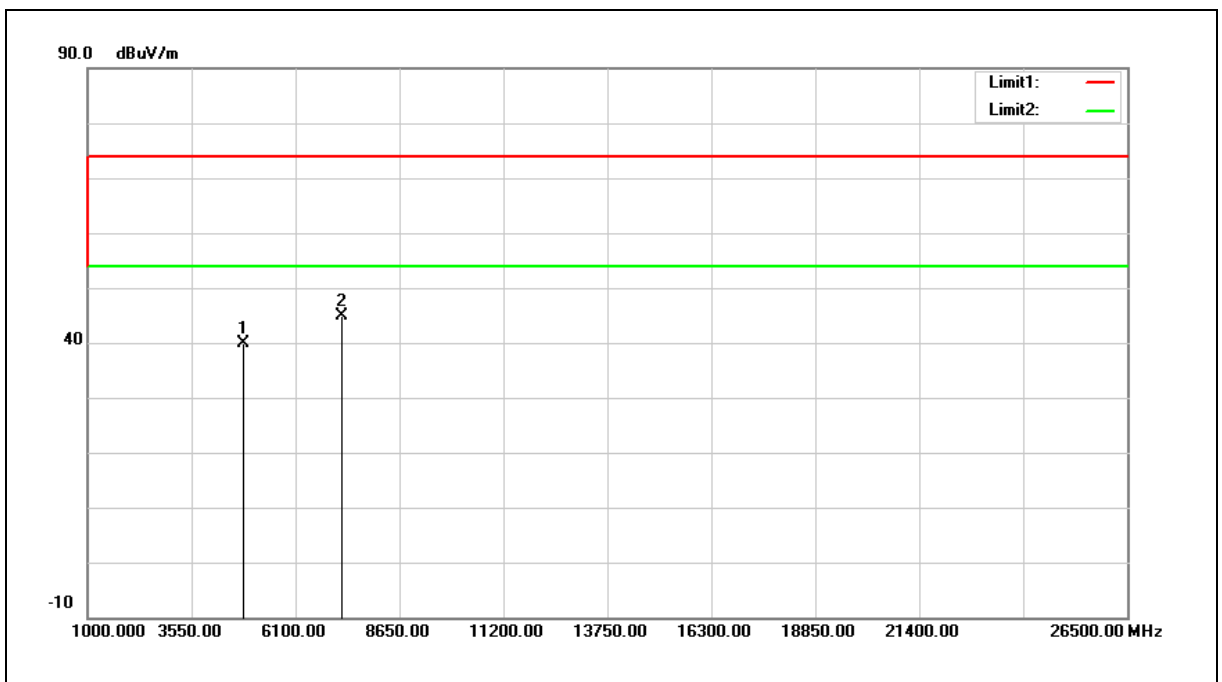
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	37.72	3.08	40.80	74.00	-33.20	peak
2	7386.000	36.90	9.38	46.28	74.00	-27.72	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



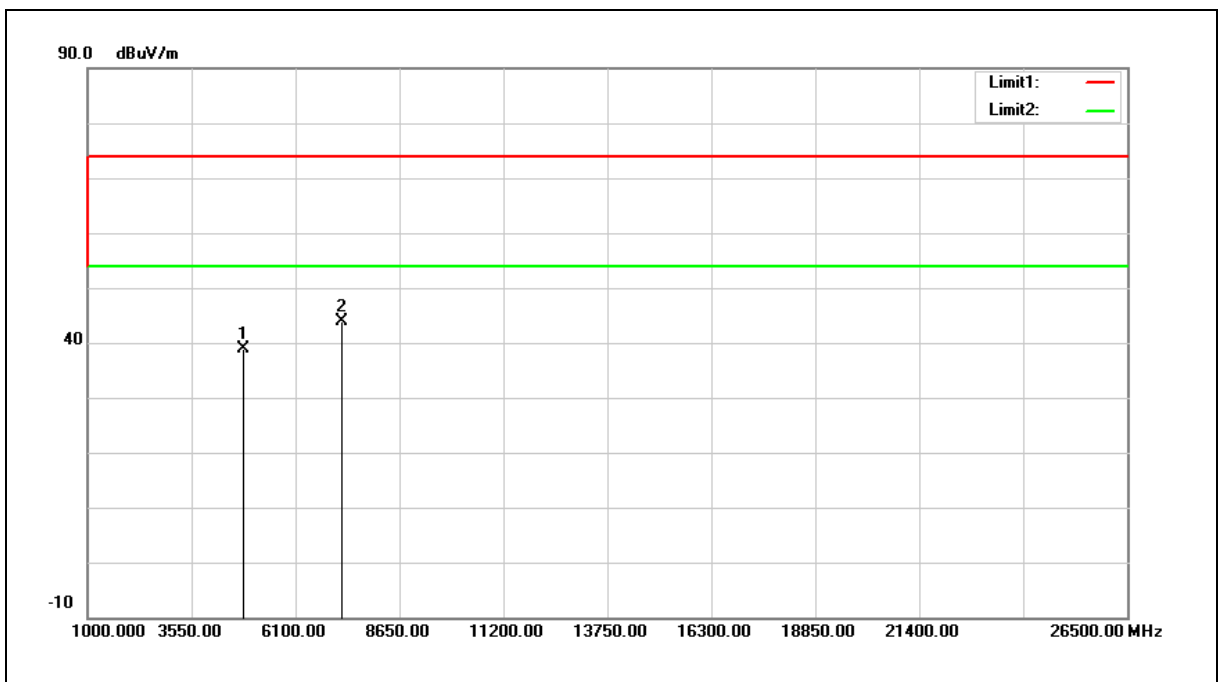
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	37.11	2.84	39.95	74.00	-34.05	peak
2	7236.000	35.85	8.91	44.76	74.00	-29.24	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



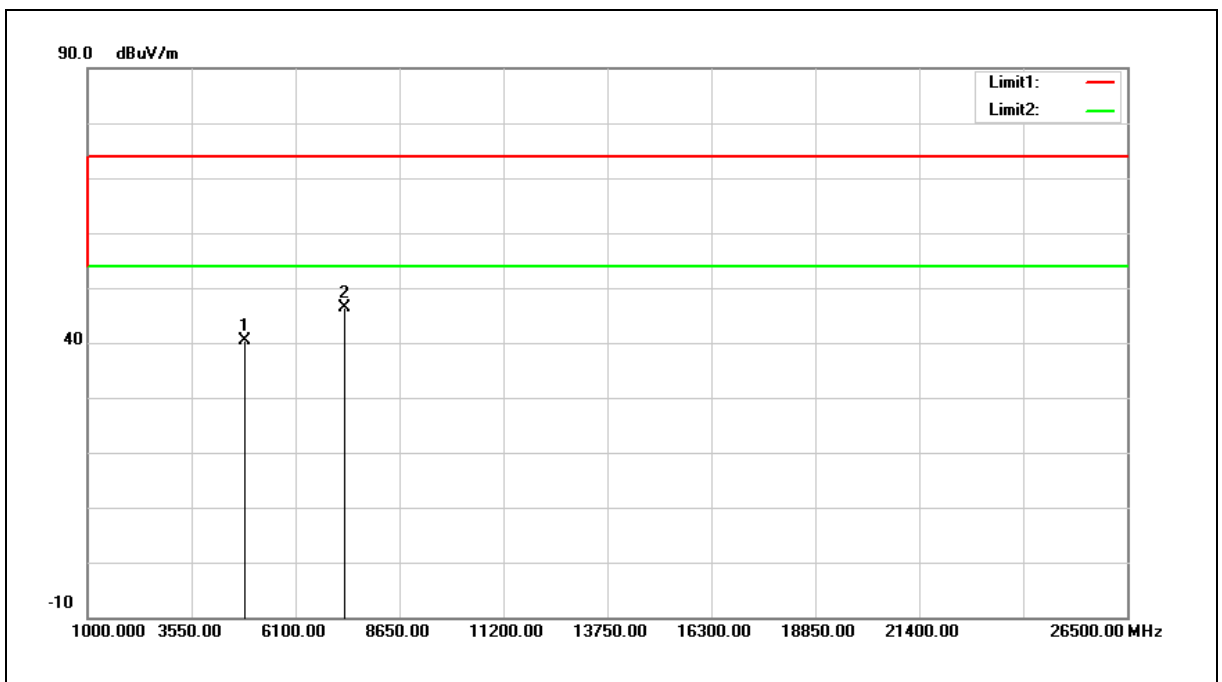
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	36.06	2.84	38.90	74.00	-35.10	peak
2	7236.000	34.92	8.91	43.83	74.00	-30.17	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



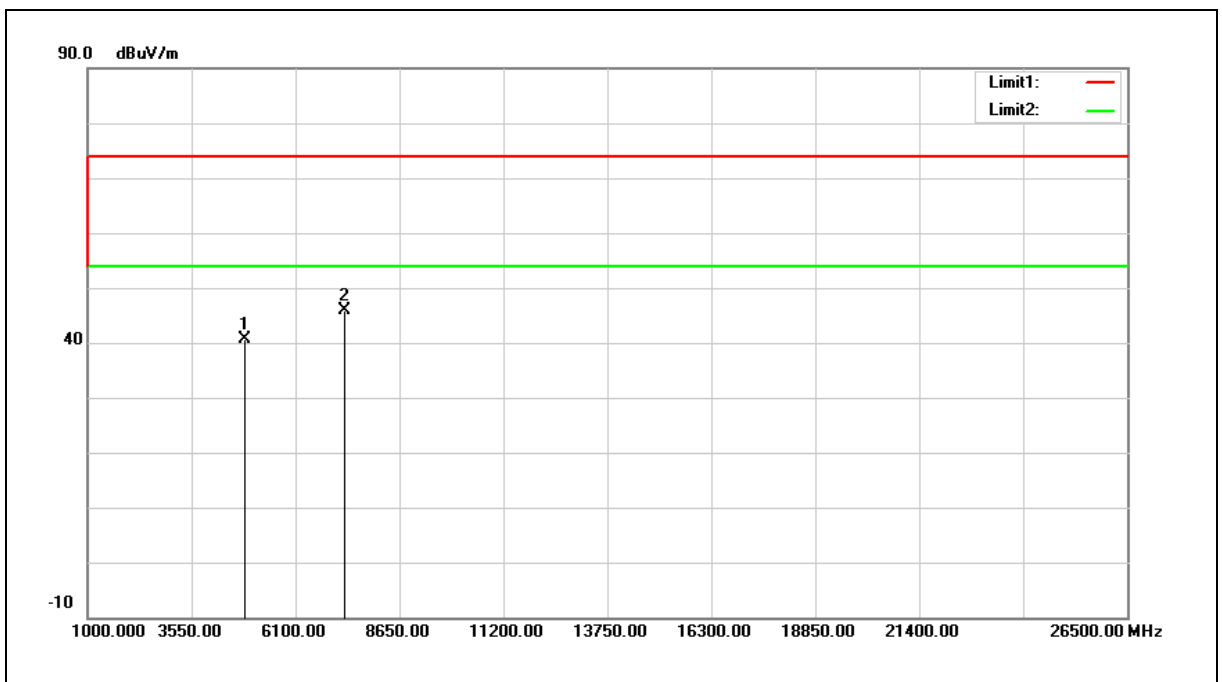
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	37.37	2.96	40.33	74.00	-33.67	peak
2	7311.000	37.15	9.14	46.29	74.00	-27.71	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



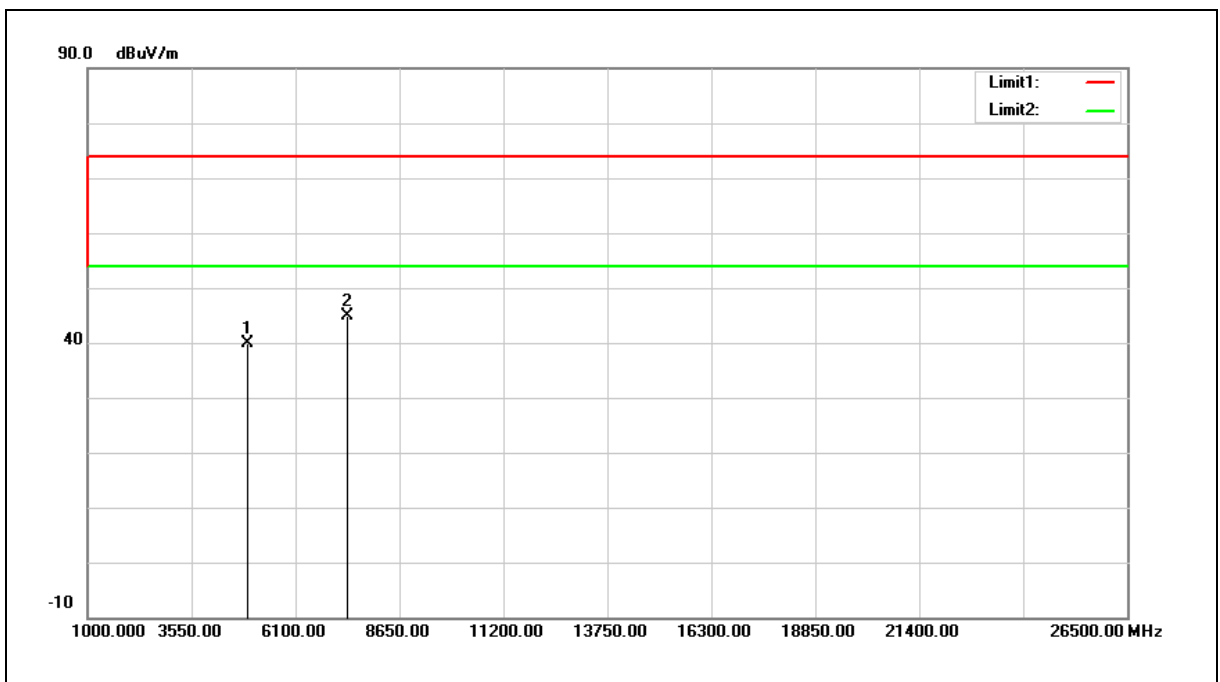
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	37.63	2.96	40.59	74.00	-33.41	peak
2	7311.000	36.83	9.14	45.97	74.00	-28.03	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



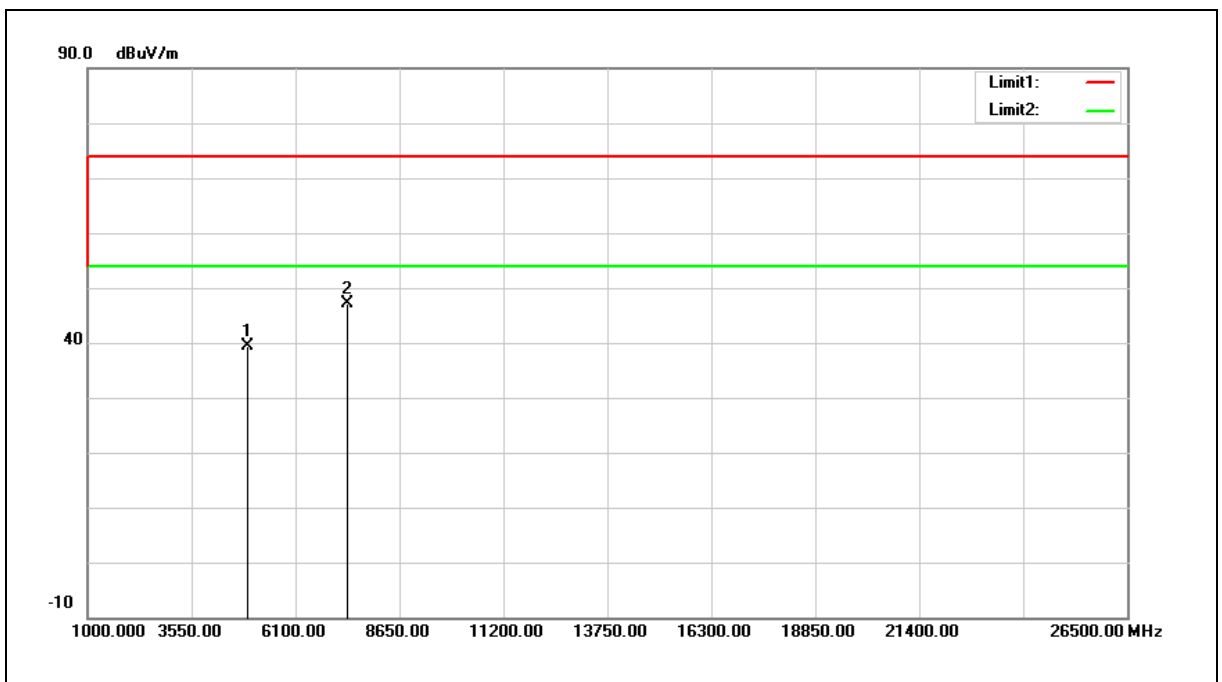
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	36.80	3.08	39.88	74.00	-34.12	peak
2	7386.000	35.54	9.38	44.92	74.00	-29.08	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



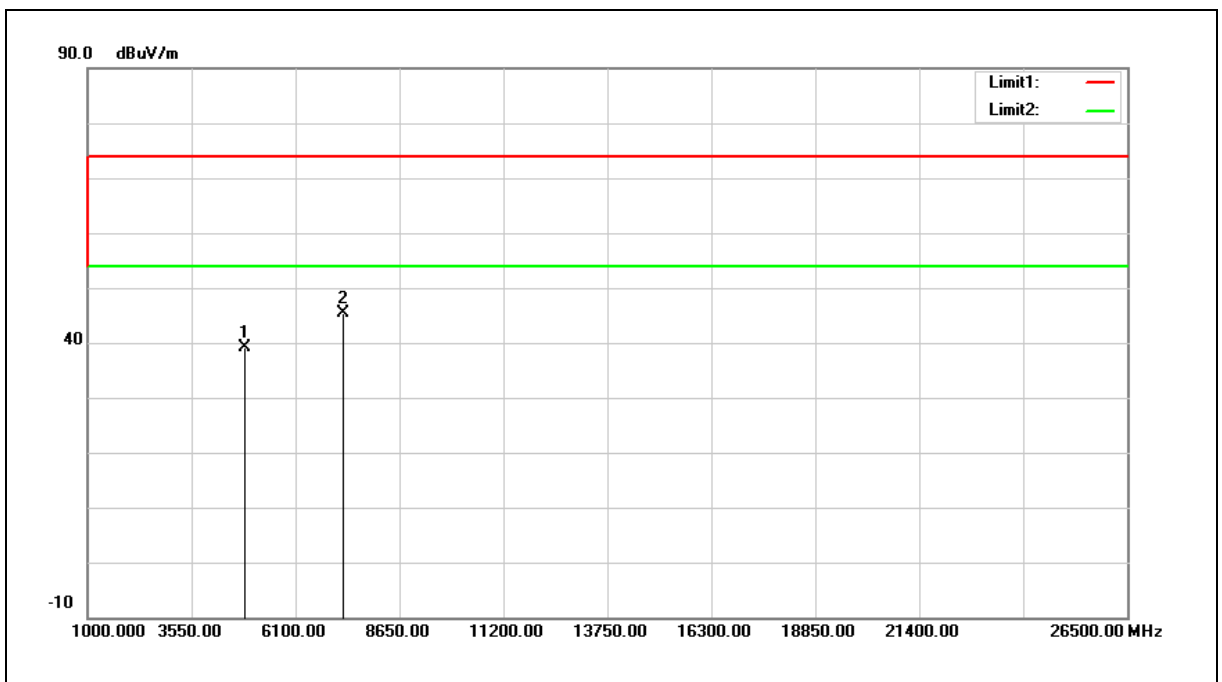
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	36.39	3.08	39.47	74.00	-34.53	peak
2	7386.000	37.73	9.38	47.11	74.00	-26.89	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2422 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



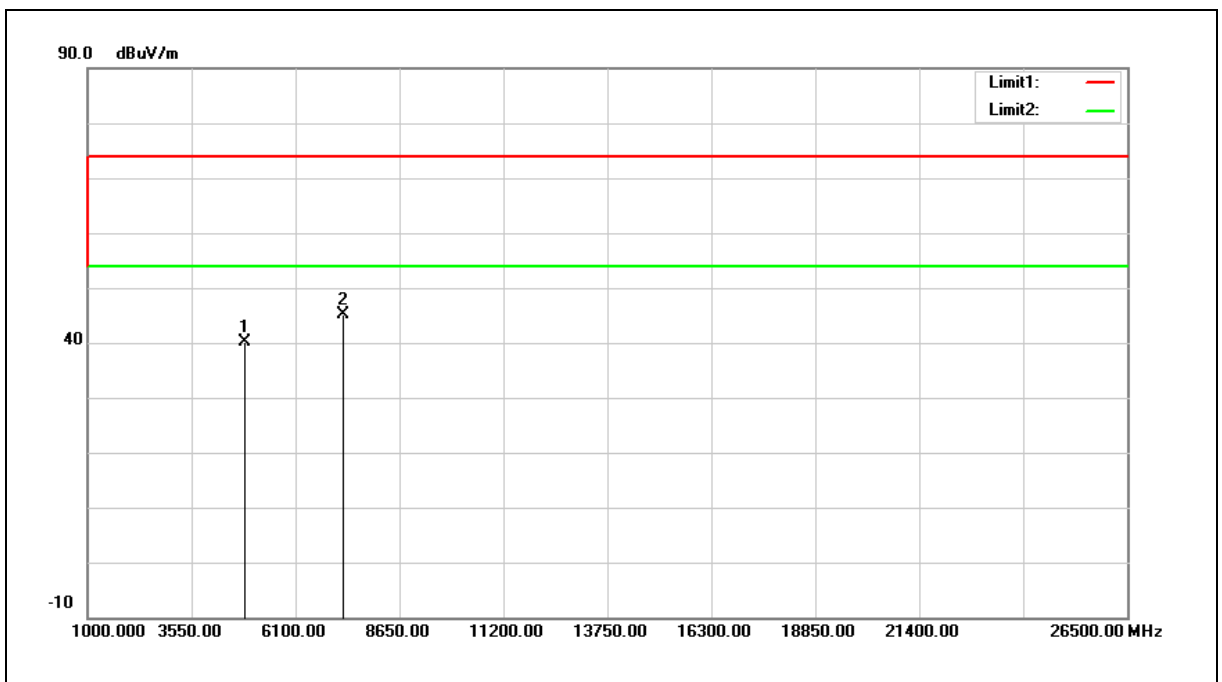
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	36.15	2.90	39.05	74.00	-34.95	peak
2	7266.000	36.39	9.00	45.39	74.00	-28.61	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2422 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



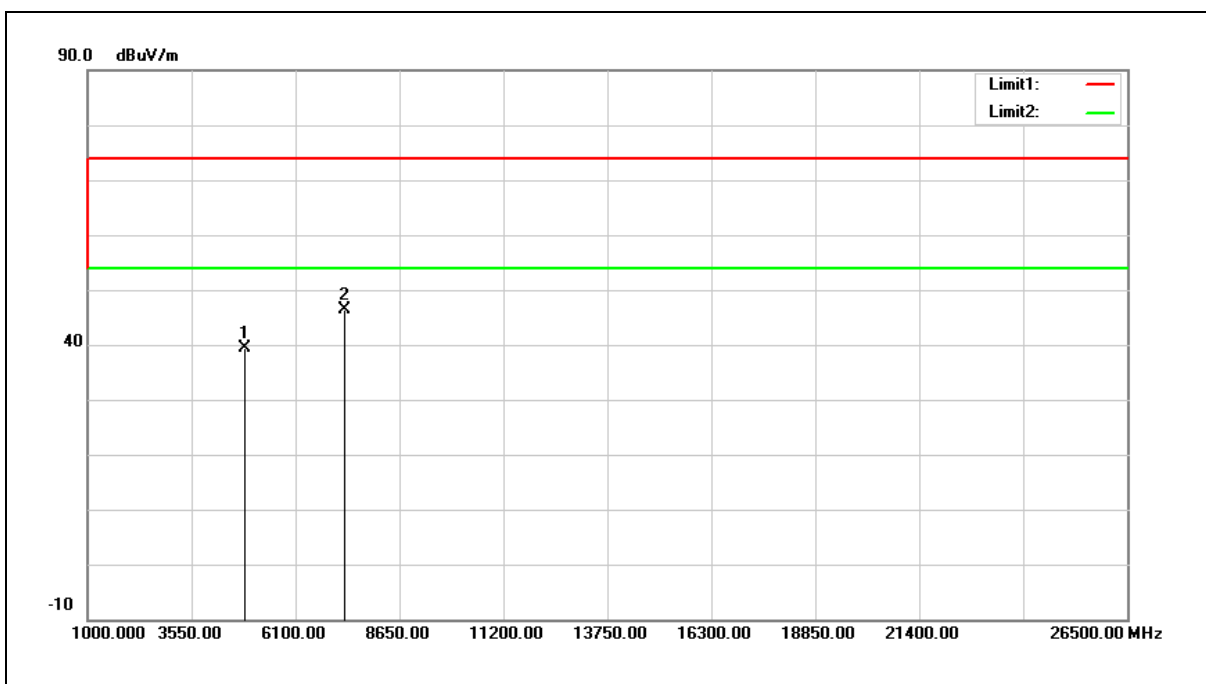
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	37.15	2.90	40.05	74.00	-33.95	peak
2	7266.000	36.14	9.00	45.14	74.00	-28.86	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



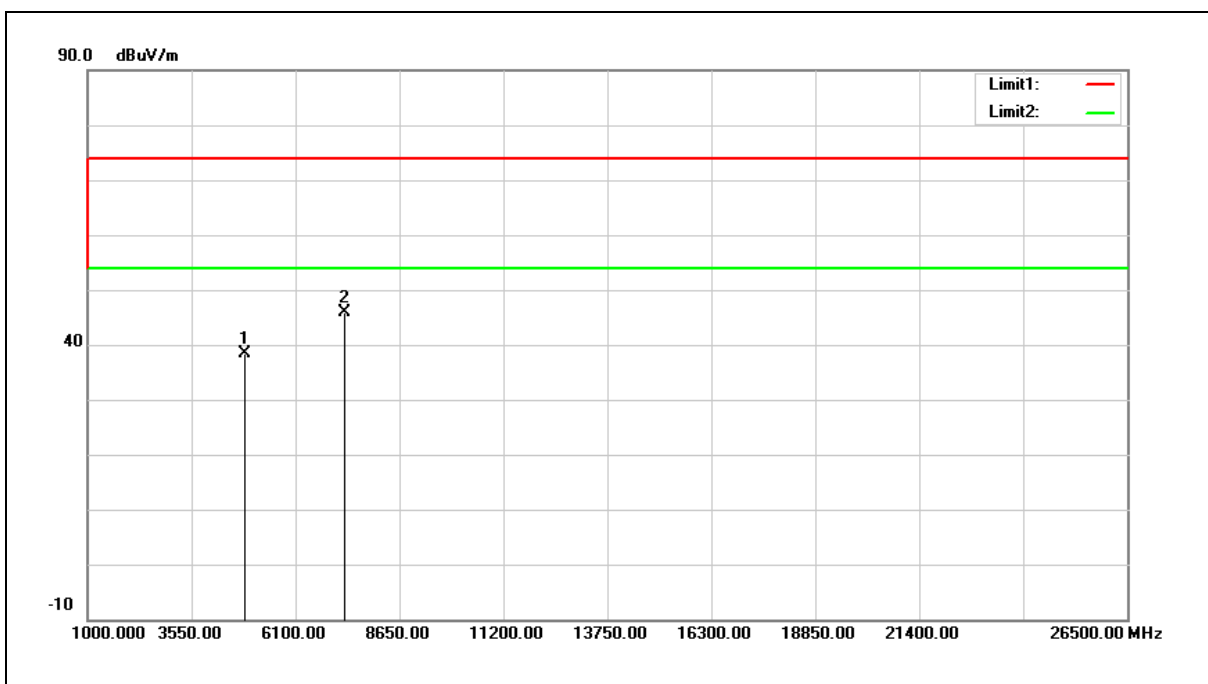
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	36.32	2.96	39.28	74.00	-34.72	peak
2	7311.000	37.35	9.14	46.49	74.00	-27.51	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



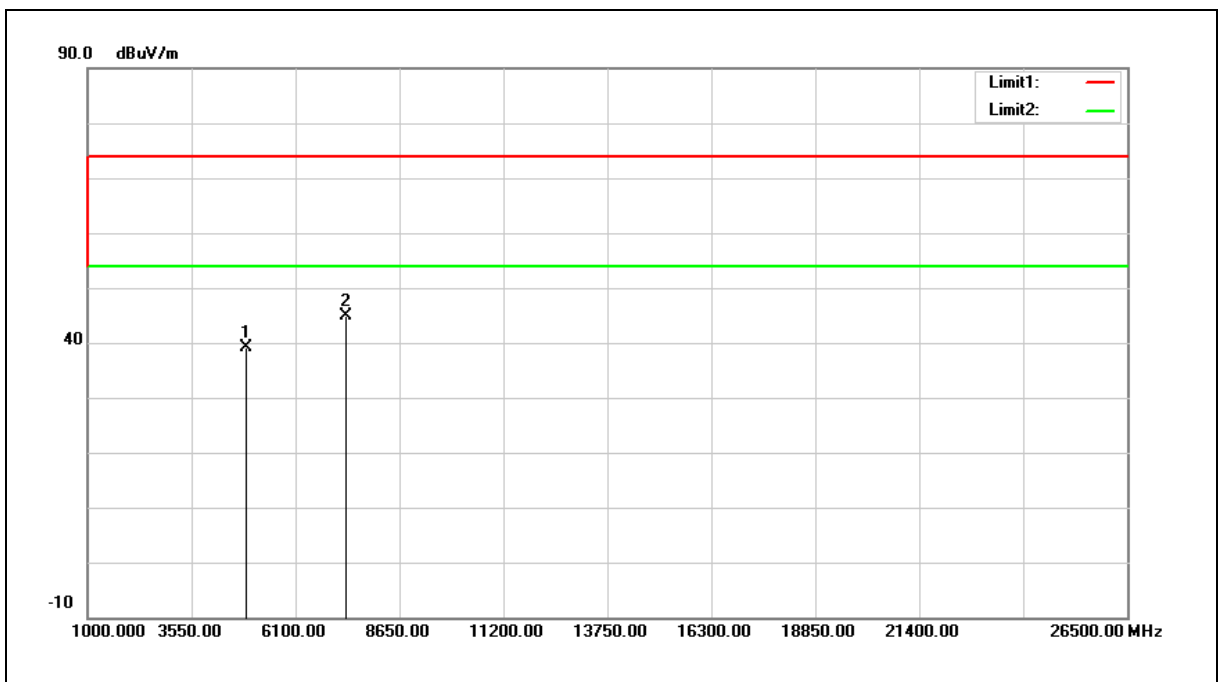
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	35.39	2.96	38.35	74.00	-35.65	peak
2	7311.000	36.74	9.14	45.88	74.00	-28.12	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



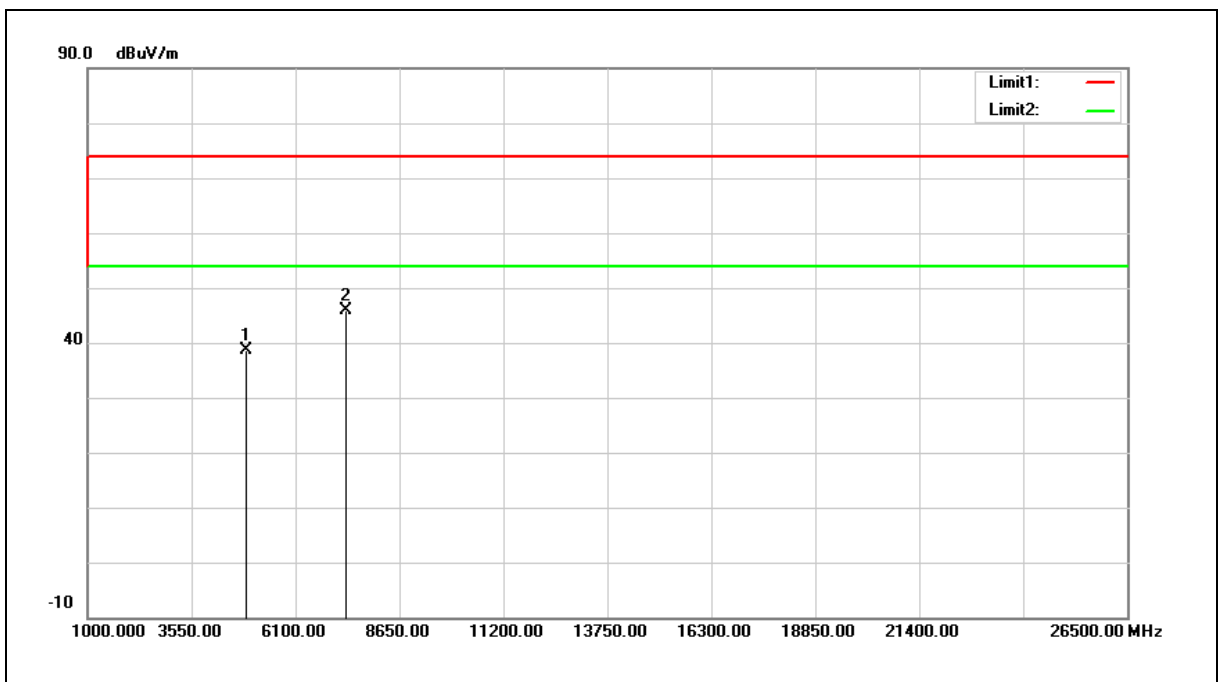
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	36.17	3.03	39.20	74.00	-34.80	peak
2	7356.000	35.70	9.29	44.99	74.00	-29.01	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



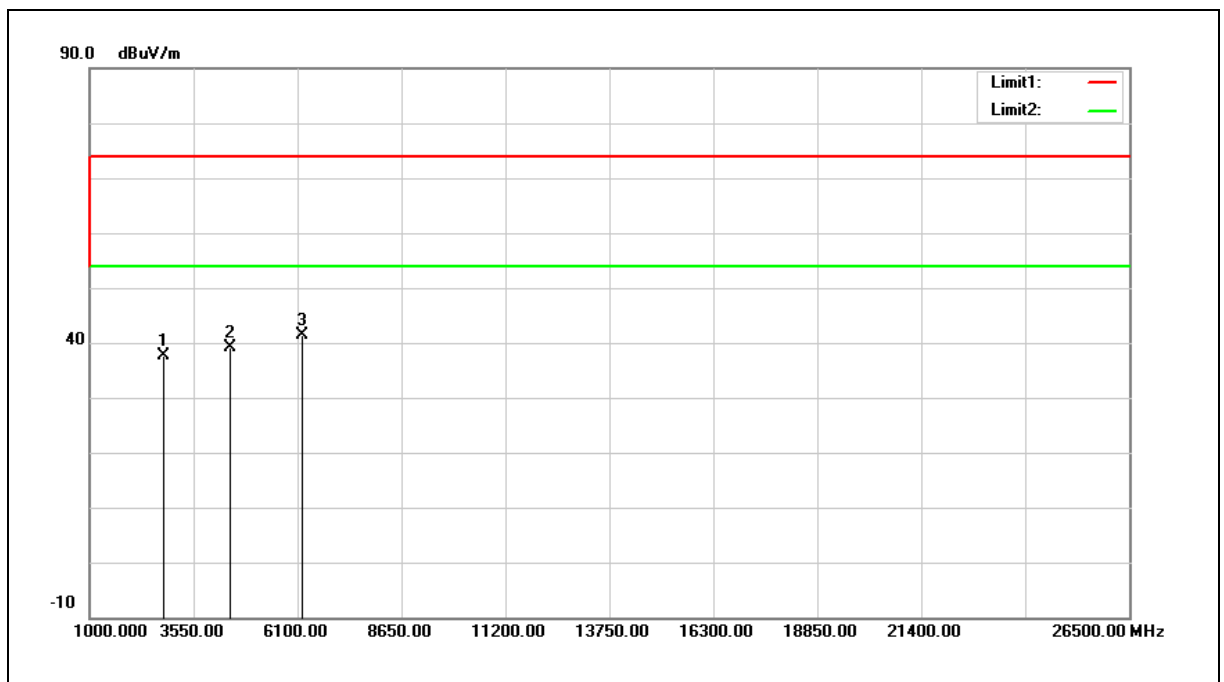
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	35.50	3.03	38.53	74.00	-35.47	peak
2	7356.000	36.47	9.29	45.76	74.00	-28.24	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		
Description:			



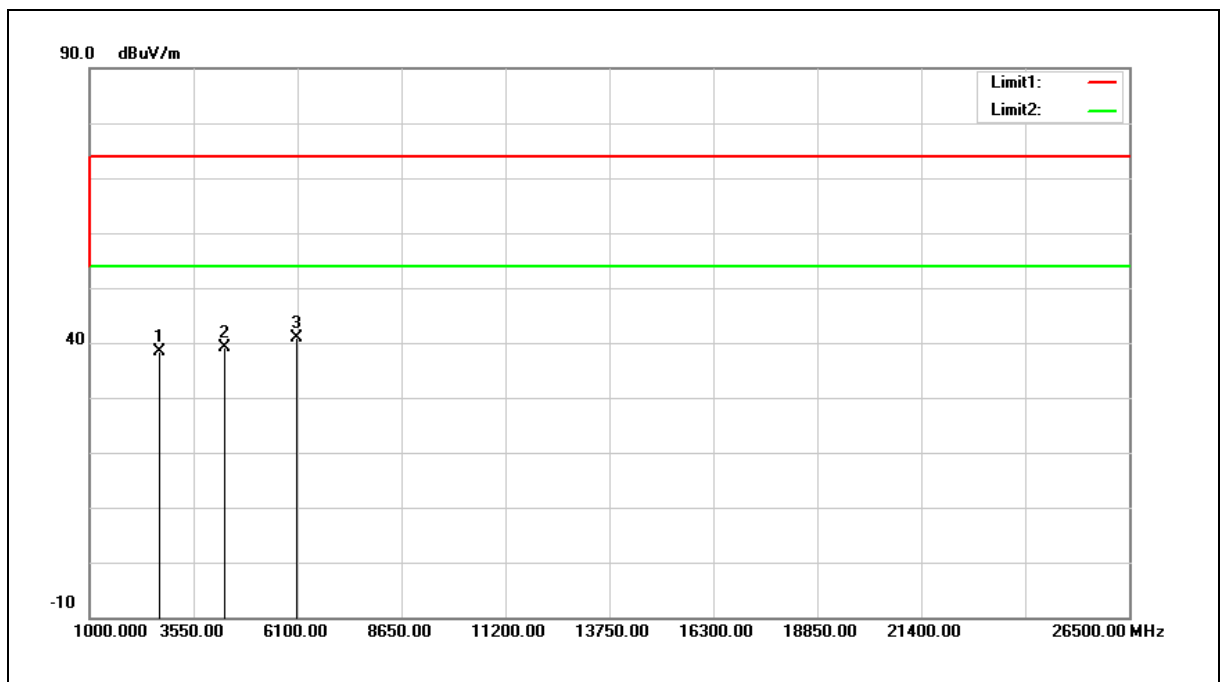
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	39.42	-1.77	37.65	74.00	-36.35	peak
2	4451.000	37.30	1.93	39.23	74.00	-34.77	peak
3	6202.000	35.71	5.63	41.34	74.00	-32.66	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 6		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2717.000	40.52	-2.08	38.44	74.00	-35.56	peak
2	4315.000	37.53	1.61	39.14	74.00	-34.86	peak
3	6066.000	35.81	5.18	40.99	74.00	-33.01	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

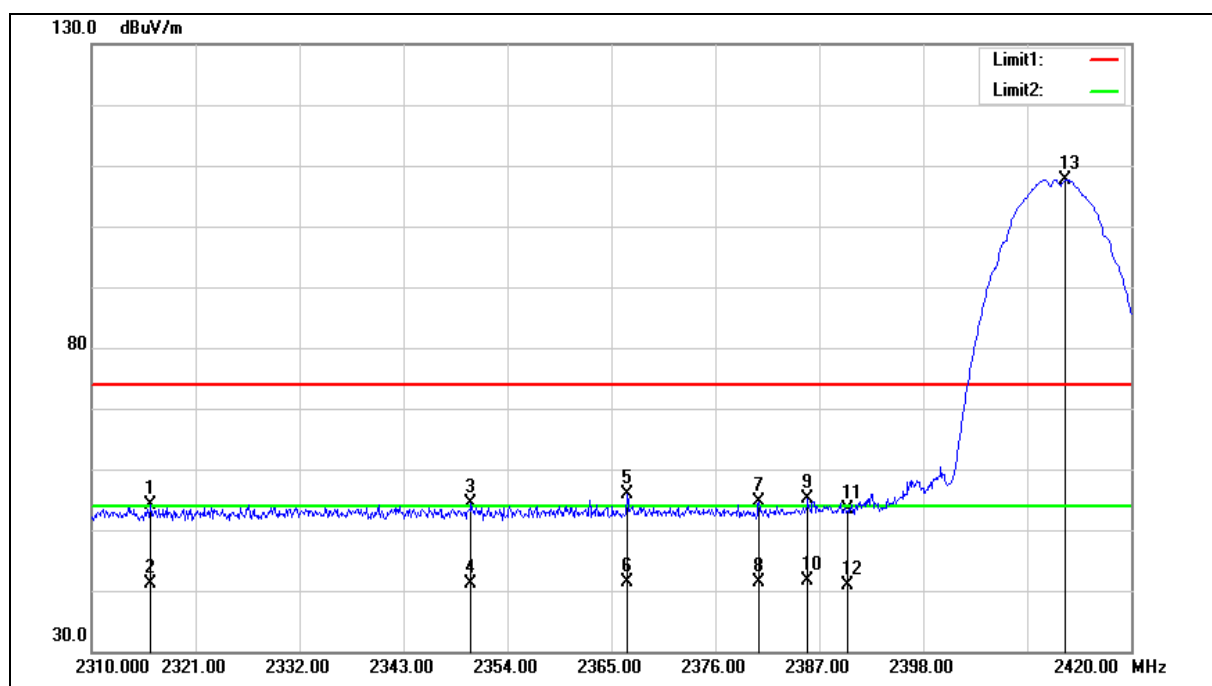
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

頻帶邊緣

附註：其上下邊緣落於低功率射頻電機第 2.7 節所列頻帶內之混附發射，其電場強度必須符合第 2.8 節的限制規定。

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

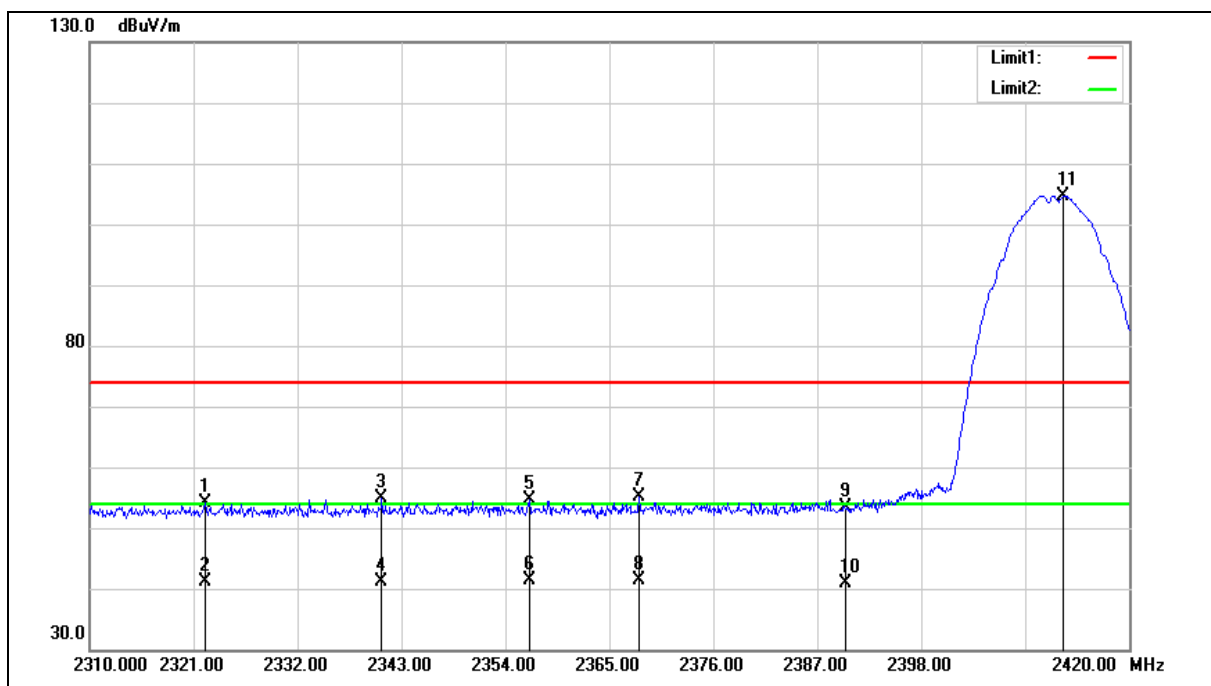
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2316.270	57.60	-3.55	54.05	74.00	-19.95	peak
2	2316.270	44.78	-3.55	41.23	54.00	-12.77	AVG
3	2350.150	57.76	-3.42	54.34	74.00	-19.66	peak
4	2350.150	44.57	-3.42	41.15	54.00	-12.85	AVG
5	2366.650	59.33	-3.37	55.96	74.00	-18.04	peak
6	2366.650	44.74	-3.37	41.37	54.00	-12.63	AVG
7	2380.620	57.84	-3.32	54.52	74.00	-19.48	peak
8	2380.620	44.60	-3.32	41.28	54.00	-12.72	AVG
9	2385.790	58.35	-3.29	55.06	74.00	-18.94	peak
10	2385.790	44.91	-3.29	41.62	54.00	-12.38	AVG
11	2390.000	56.76	-3.28	53.48	74.00	-20.52	peak
12	2390.000	44.24	-3.28	40.96	54.00	-13.04	AVG
13	2413.070	110.86	-3.19	107.67	--	--	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		

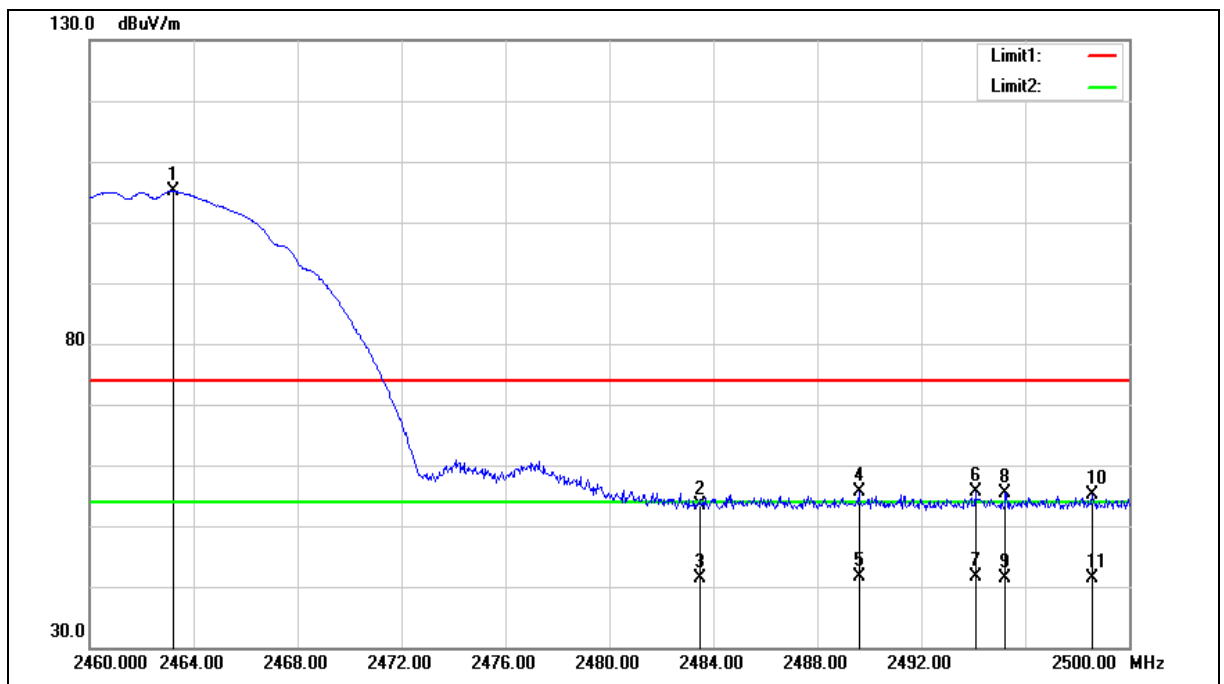
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2322.210	57.53	-3.52	54.01	74.00	-19.99	peak
2	2322.210	44.57	-3.52	41.05	54.00	-12.95	AVG
3	2340.910	58.28	-3.46	54.82	74.00	-19.18	peak
4	2340.910	44.66	-3.46	41.20	54.00	-12.80	AVG
5	2356.530	58.06	-3.40	54.66	74.00	-19.34	peak
6	2356.530	44.67	-3.40	41.27	54.00	-12.73	AVG
7	2368.190	58.61	-3.37	55.24	74.00	-18.76	peak
8	2368.190	44.70	-3.37	41.33	54.00	-12.67	AVG
9	2390.000	56.55	-3.28	53.27	74.00	-20.73	peak
10	2390.000	44.13	-3.28	40.85	54.00	-13.15	AVG
11	2413.070	107.93	-3.19	104.74	--	--	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

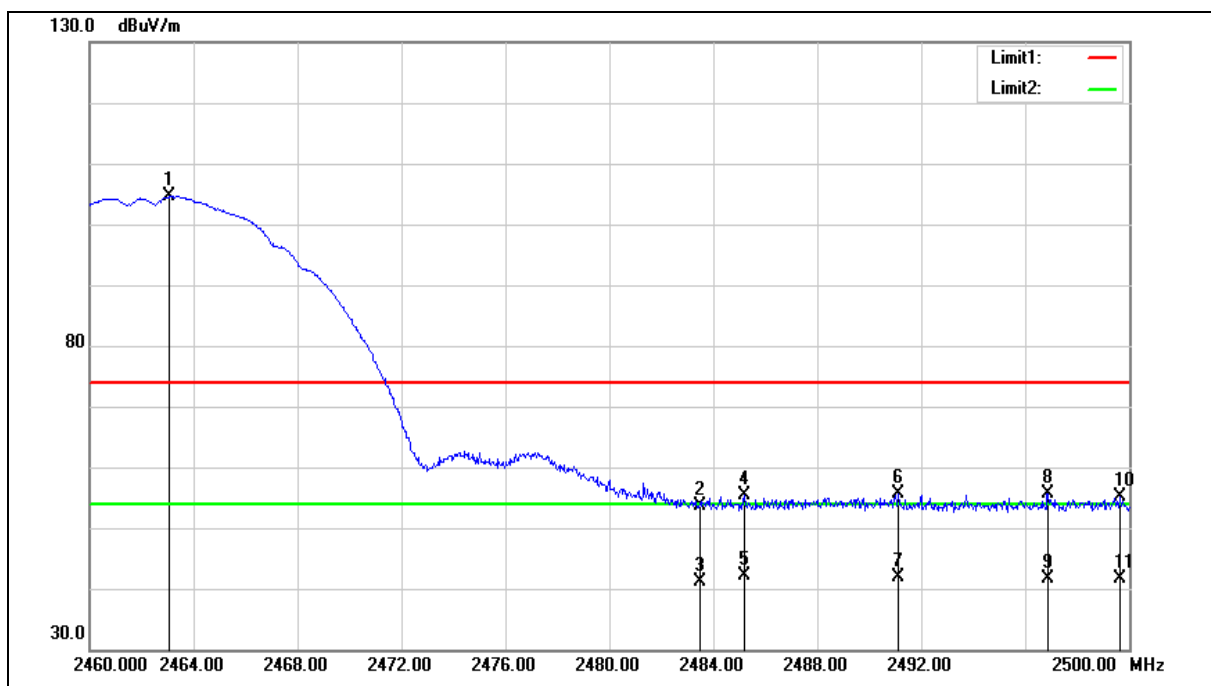
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.240	108.08	-3.01	105.07	--	--	peak
2	2483.500	56.43	-2.93	53.50	74.00	-20.50	peak
3	2483.500	44.26	-2.93	41.33	54.00	-12.67	AVG
4	2489.600	58.48	-2.91	55.57	74.00	-18.43	peak
5	2489.600	44.60	-2.91	41.69	54.00	-12.31	AVG
6	2494.080	58.42	-2.89	55.53	74.00	-18.47	peak
7	2494.080	44.51	-2.89	41.62	54.00	-12.38	AVG
8	2495.240	58.24	-2.88	55.36	74.00	-18.64	peak
9	2495.240	44.23	-2.88	41.35	54.00	-12.65	AVG
10	2498.600	58.04	-2.87	55.17	74.00	-18.83	peak
11	2498.600	44.27	-2.87	41.40	54.00	-12.60	AVG

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		

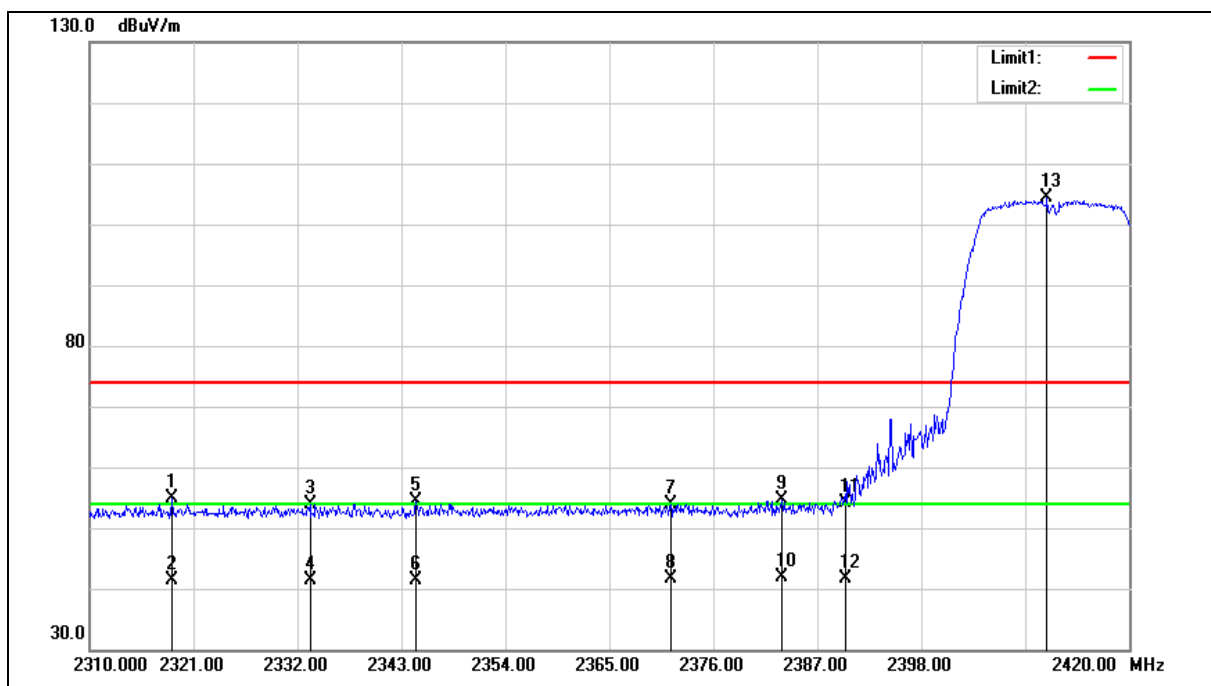
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.040	107.62	-3.01	104.61	--	--	peak
2	2483.500	56.54	-2.93	53.61	74.00	-20.39	peak
3	2483.500	44.18	-2.93	41.25	54.00	-12.75	AVG
4	2485.200	58.32	-2.92	55.40	74.00	-18.60	peak
5	2485.200	44.94	-2.92	42.02	54.00	-11.98	AVG
6	2491.120	58.49	-2.91	55.58	74.00	-18.42	peak
7	2491.120	44.89	-2.91	41.98	54.00	-12.02	AVG
8	2496.880	58.47	-2.88	55.59	74.00	-18.41	peak
9	2496.880	44.55	-2.88	41.67	54.00	-12.33	AVG
10	2499.640	58.10	-2.87	55.23	74.00	-18.77	peak
11	2499.640	44.42	-2.87	41.55	54.00	-12.45	AVG

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

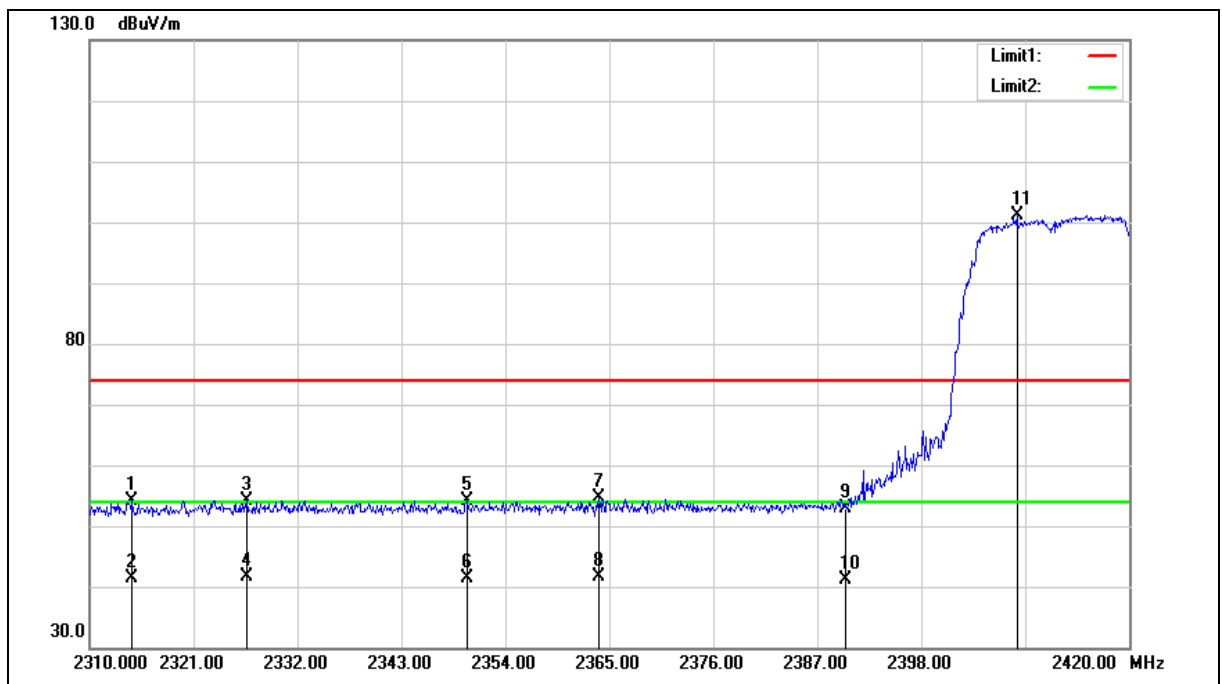
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2318.690	58.29	-3.53	54.76	74.00	-19.24	peak
2	2318.690	44.89	-3.53	41.36	54.00	-12.64	AVG
3	2333.320	57.40	-3.48	53.92	74.00	-20.08	peak
4	2333.320	44.90	-3.48	41.42	54.00	-12.58	AVG
5	2344.540	57.79	-3.45	54.34	74.00	-19.66	peak
6	2344.540	44.82	-3.45	41.37	54.00	-12.63	AVG
7	2371.490	57.18	-3.36	53.82	74.00	-20.18	peak
8	2371.490	44.95	-3.36	41.59	54.00	-12.41	AVG
9	2383.260	57.88	-3.31	54.57	74.00	-19.43	peak
10	2383.260	45.11	-3.31	41.80	54.00	-12.20	AVG
11	2390.000	57.39	-3.28	54.11	74.00	-19.89	peak
12	2390.000	44.99	-3.28	41.71	54.00	-12.29	AVG
13	2411.310	107.60	-3.21	104.39	--	--	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		

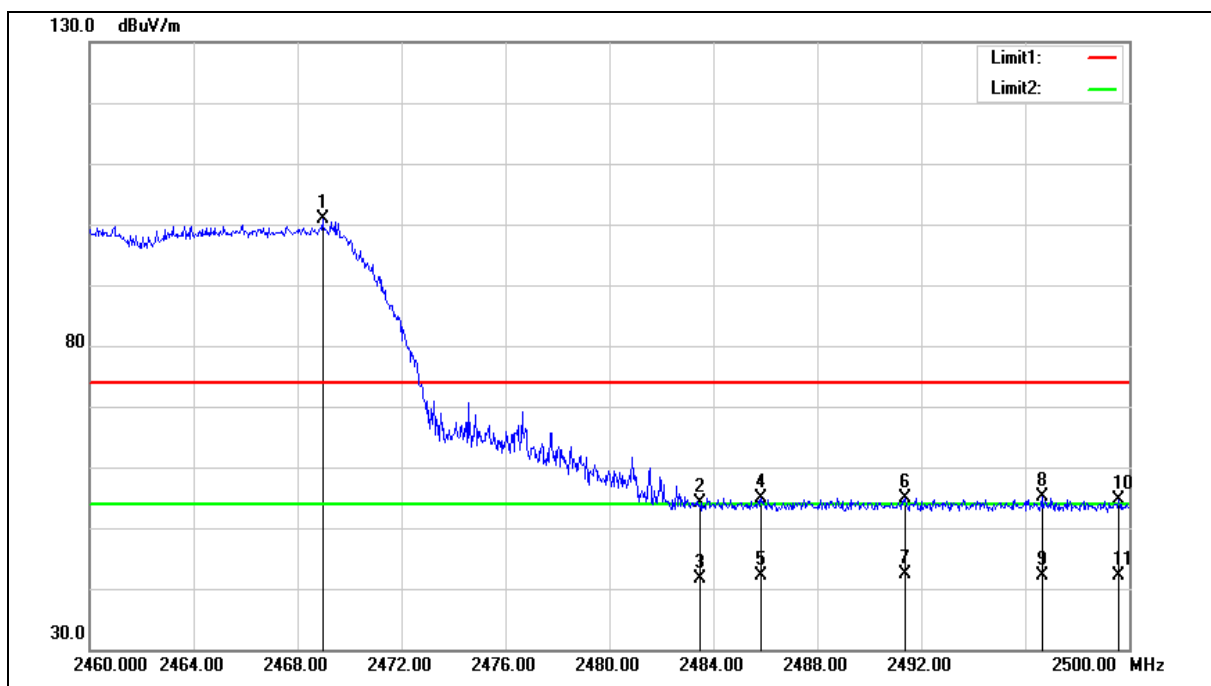
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2314.510	57.59	-3.56	54.03	74.00	-19.97	peak
2	2314.510	44.85	-3.56	41.29	54.00	-12.71	AVG
3	2326.610	57.71	-3.51	54.20	74.00	-19.80	peak
4	2326.610	45.05	-3.51	41.54	54.00	-12.46	AVG
5	2349.930	57.53	-3.42	54.11	74.00	-19.89	peak
6	2349.930	44.89	-3.42	41.47	54.00	-12.53	AVG
7	2363.900	57.90	-3.38	54.52	74.00	-19.48	peak
8	2363.900	44.93	-3.38	41.55	54.00	-12.45	AVG
9	2390.000	56.26	-3.28	52.98	74.00	-21.02	peak
10	2390.000	44.41	-3.28	41.13	54.00	-12.87	AVG
11	2408.120	104.40	-3.22	101.18	--	--	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

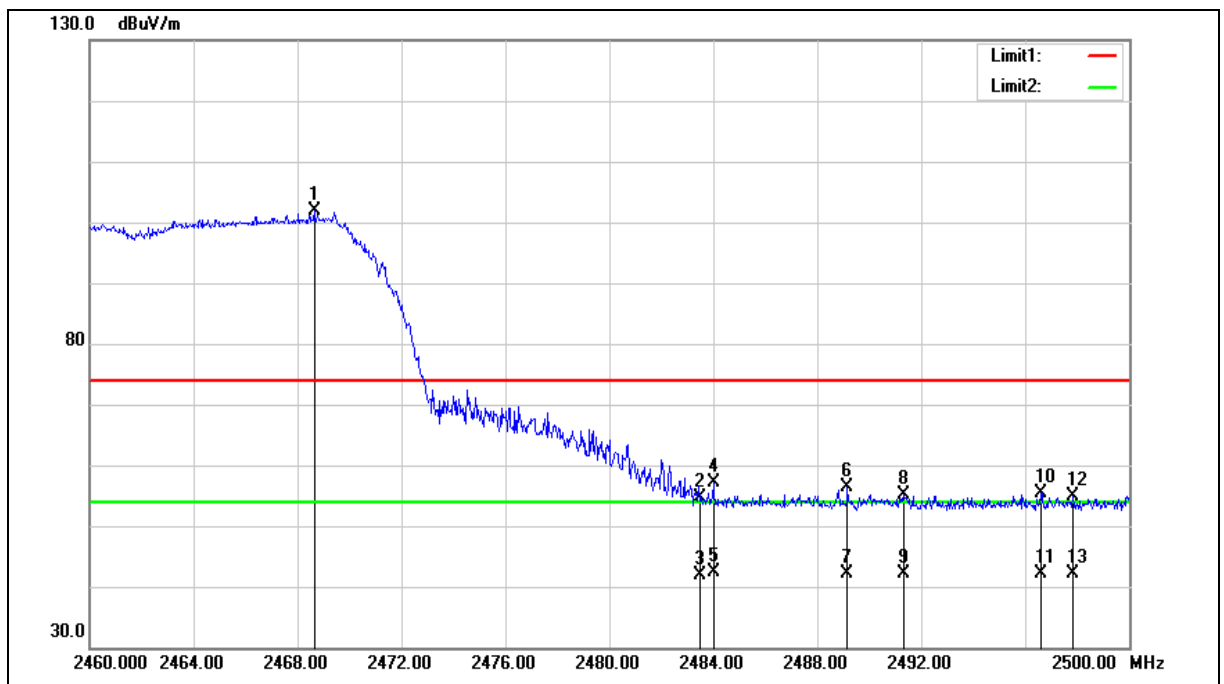
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2468.960	103.79	-2.98	100.81	--	--	peak
2	2483.500	57.00	-2.93	54.07	74.00	-19.93	peak
3	2483.500	44.68	-2.93	41.75	54.00	-12.25	AVG
4	2485.840	57.78	-2.92	54.86	74.00	-19.14	peak
5	2485.840	45.01	-2.92	42.09	54.00	-11.91	AVG
6	2491.360	57.75	-2.91	54.84	74.00	-19.16	peak
7	2491.360	45.18	-2.91	42.27	54.00	-11.73	AVG
8	2496.640	57.90	-2.88	55.02	74.00	-18.98	peak
9	2496.640	45.01	-2.88	42.13	54.00	-11.87	AVG
10	2499.600	57.42	-2.87	54.55	74.00	-19.45	peak
11	2499.600	45.07	-2.87	42.20	54.00	-11.80	AVG

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		

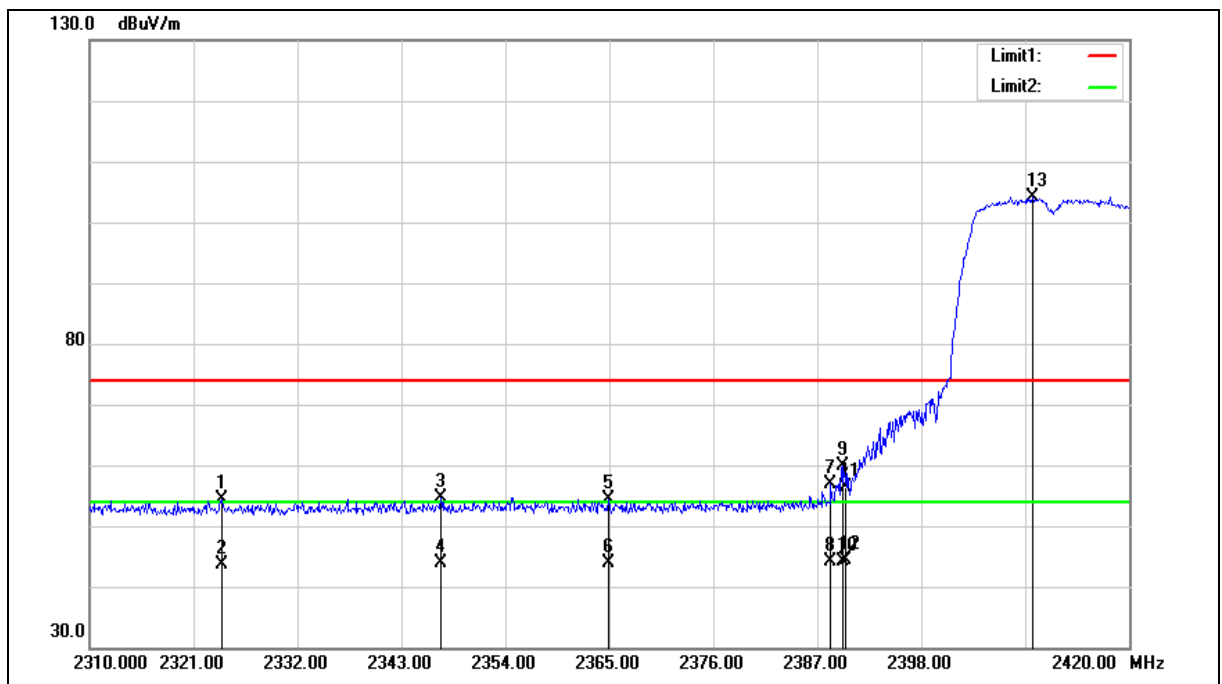
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2468.640	104.78	-2.98	101.80	--	--	peak
2	2483.500	57.48	-2.93	54.55	74.00	-19.45	peak
3	2483.500	44.75	-2.93	41.82	54.00	-12.18	AVG
4	2484.000	59.96	-2.93	57.03	74.00	-16.97	peak
5	2484.000	45.24	-2.93	42.31	54.00	-11.69	AVG
6	2489.160	59.18	-2.91	56.27	74.00	-17.73	peak
7	2489.160	45.06	-2.91	42.15	54.00	-11.85	AVG
8	2491.320	58.03	-2.91	55.12	74.00	-18.88	peak
9	2491.320	44.99	-2.91	42.08	54.00	-11.92	AVG
10	2496.600	58.25	-2.88	55.37	74.00	-18.63	peak
11	2496.600	45.10	-2.88	42.22	54.00	-11.78	AVG
12	2497.840	57.82	-2.88	54.94	74.00	-19.06	peak
13	2497.840	45.05	-2.88	42.17	54.00	-11.83	AVG

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

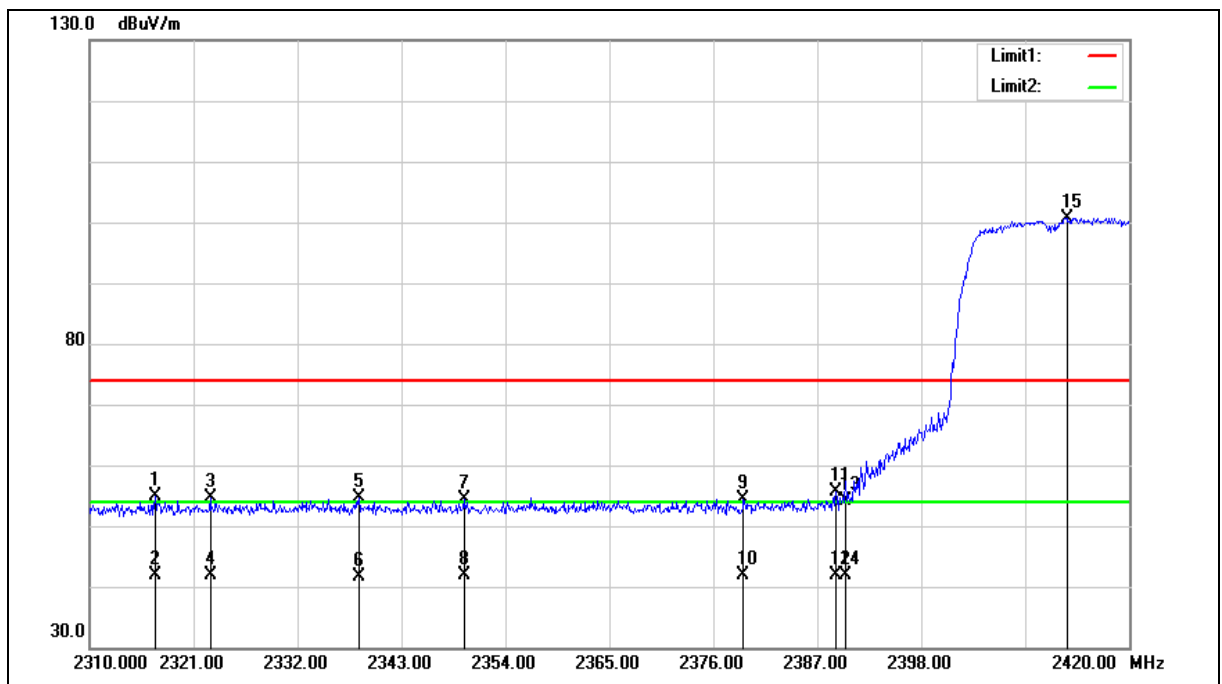
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2323.970	57.85	-3.52	54.33	74.00	-19.67	peak
2	2323.970	47.18	-3.52	43.66	54.00	-10.34	AVG
3	2347.180	58.03	-3.43	54.60	74.00	-19.40	peak
4	2347.180	47.23	-3.43	43.80	54.00	-10.20	AVG
5	2364.890	57.78	-3.38	54.40	74.00	-19.60	peak
6	2364.890	47.30	-3.38	43.92	54.00	-10.08	AVG
7	2388.430	60.15	-3.28	56.87	74.00	-17.13	peak
8	2388.430	47.36	-3.28	44.08	54.00	-9.92	AVG
9	2389.640	63.26	-3.28	59.98	74.00	-14.02	peak
10	2389.640	47.49	-3.28	44.21	54.00	-9.79	AVG
11	2390.000	59.75	-3.28	56.47	74.00	-17.53	peak
12	2390.000	47.56	-3.28	44.28	54.00	-9.72	AVG
13	2409.770	107.43	-3.21	104.22	--	--	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		

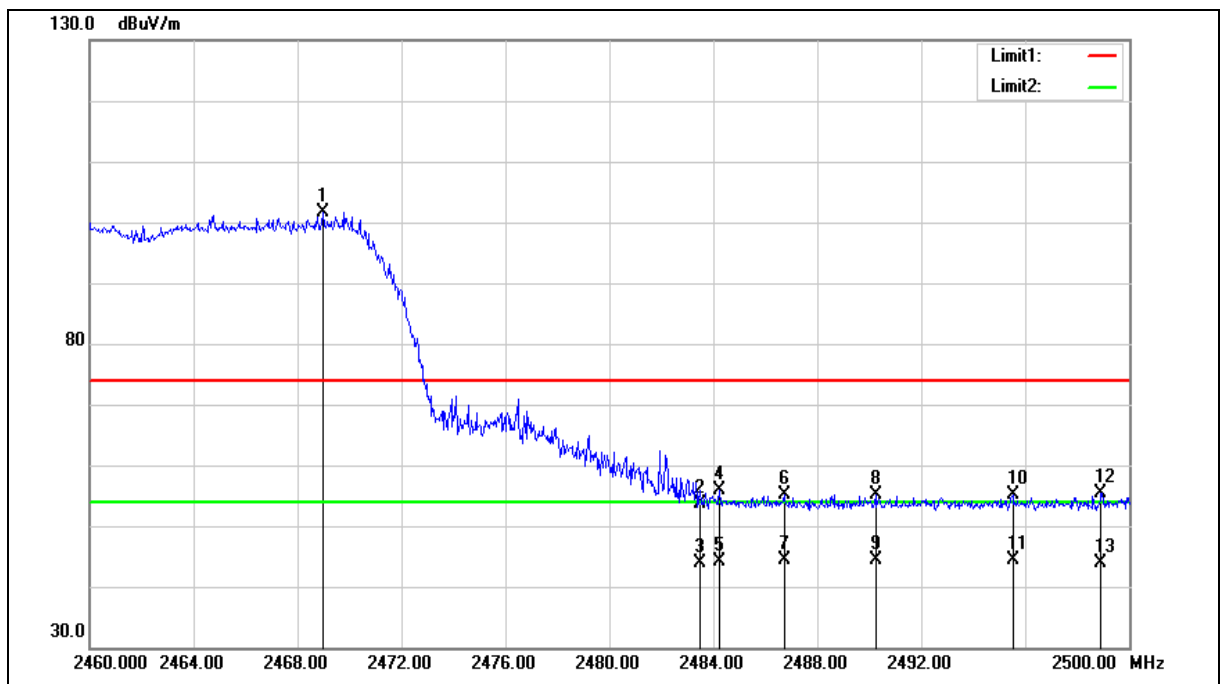
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2316.930	58.40	-3.55	54.85	74.00	-19.15	peak
2	2316.930	45.45	-3.55	41.90	54.00	-12.10	AVG
3	2322.760	58.07	-3.52	54.55	74.00	-19.45	peak
4	2322.760	45.29	-3.52	41.77	54.00	-12.23	AVG
5	2338.490	58.03	-3.46	54.57	74.00	-19.43	peak
6	2338.490	45.15	-3.46	41.69	54.00	-12.31	AVG
7	2349.600	57.79	-3.42	54.37	74.00	-19.63	peak
8	2349.600	45.25	-3.42	41.83	54.00	-12.17	AVG
9	2379.190	57.63	-3.32	54.31	74.00	-19.69	peak
10	2379.190	45.11	-3.32	41.79	54.00	-12.21	AVG
11	2388.980	58.94	-3.28	55.66	74.00	-18.34	peak
12	2388.980	45.24	-3.28	41.96	54.00	-12.04	AVG
13	2390.000	57.31	-3.28	54.03	74.00	-19.97	peak
14	2390.000	45.07	-3.28	41.79	54.00	-12.21	AVG
15	2413.400	103.94	-3.19	100.75	--	--	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

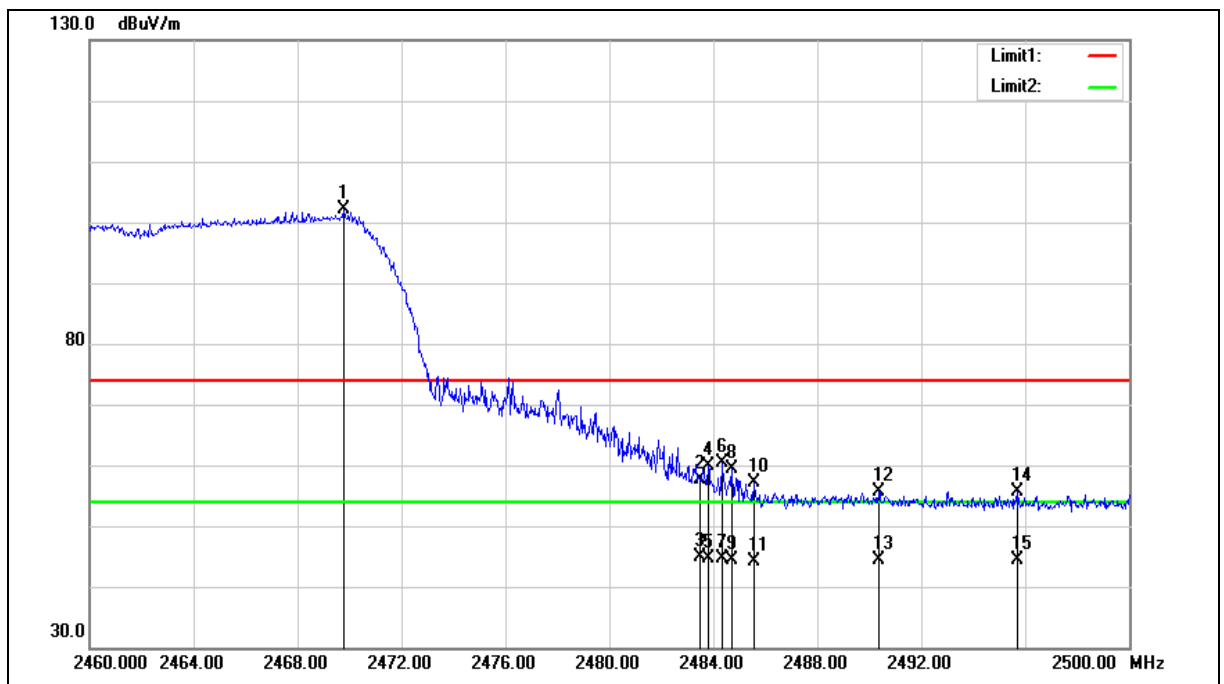
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.000	104.70	-2.98	101.72	--	--	peak
2	2483.500	56.57	-2.93	53.64	74.00	-20.36	peak
3	2483.500	46.84	-2.93	43.91	54.00	-10.09	AVG
4	2484.240	58.79	-2.93	55.86	74.00	-18.14	peak
5	2484.240	47.16	-2.93	44.23	54.00	-9.77	AVG
6	2486.720	58.02	-2.92	55.10	74.00	-18.90	peak
7	2486.720	47.21	-2.92	44.29	54.00	-9.71	AVG
8	2490.240	58.09	-2.91	55.18	74.00	-18.82	peak
9	2490.240	47.38	-2.91	44.47	54.00	-9.53	AVG
10	2495.520	58.00	-2.88	55.12	74.00	-18.88	peak
11	2495.520	47.20	-2.88	44.32	54.00	-9.68	AVG
12	2498.920	58.30	-2.87	55.43	74.00	-18.57	peak
13	2498.920	46.86	-2.87	43.99	54.00	-10.01	AVG

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		

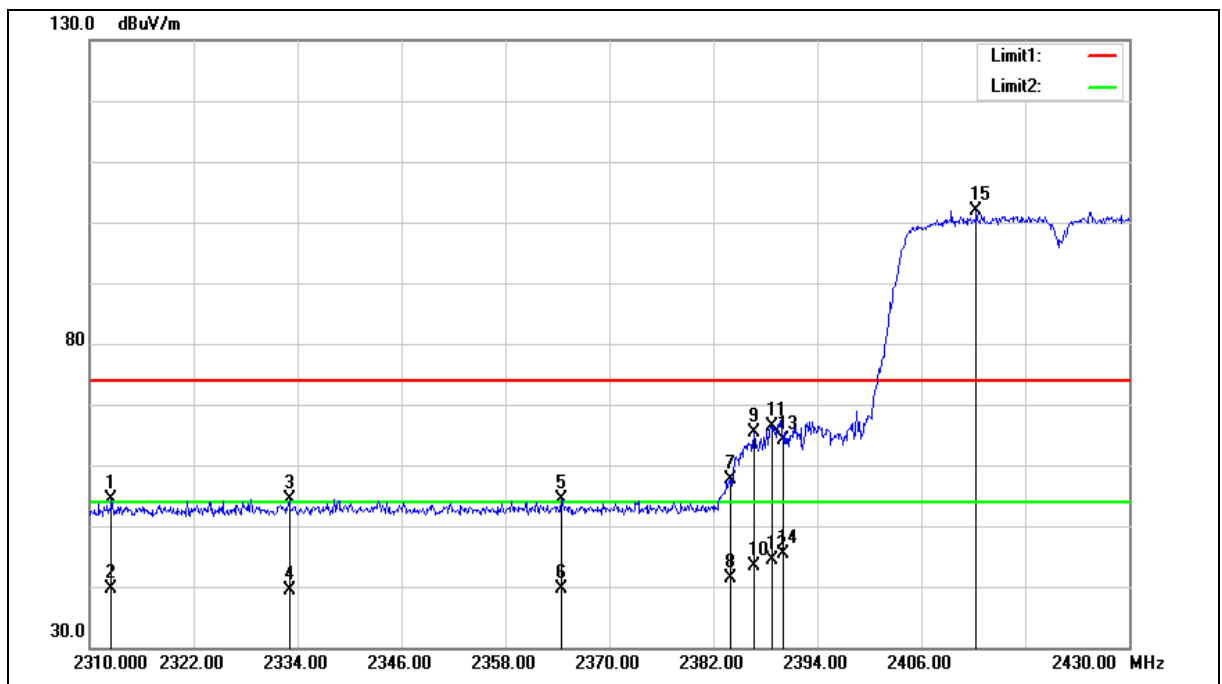
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.800	105.02	-2.98	102.04	--	--	peak
2	2483.500	60.48	-2.93	57.55	74.00	-16.45	peak
3	2483.500	47.72	-2.93	44.79	54.00	-9.21	AVG
4	2483.800	62.83	-2.93	59.90	74.00	-14.10	peak
5	2483.800	47.51	-2.93	44.58	54.00	-9.42	AVG
6	2484.320	63.20	-2.93	60.27	74.00	-13.73	peak
7	2484.320	47.60	-2.93	44.67	54.00	-9.33	AVG
8	2484.720	62.22	-2.93	59.29	74.00	-14.71	peak
9	2484.720	47.38	-2.93	44.45	54.00	-9.55	AVG
10	2485.560	60.07	-2.92	57.15	74.00	-16.85	peak
11	2485.560	47.09	-2.92	44.17	54.00	-9.83	AVG
12	2490.360	58.53	-2.91	55.62	74.00	-18.38	peak
13	2490.360	47.19	-2.91	44.28	54.00	-9.72	AVG
14	2495.720	58.45	-2.88	55.57	74.00	-18.43	peak
15	2495.720	47.23	-2.88	44.35	54.00	-9.65	AVG

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

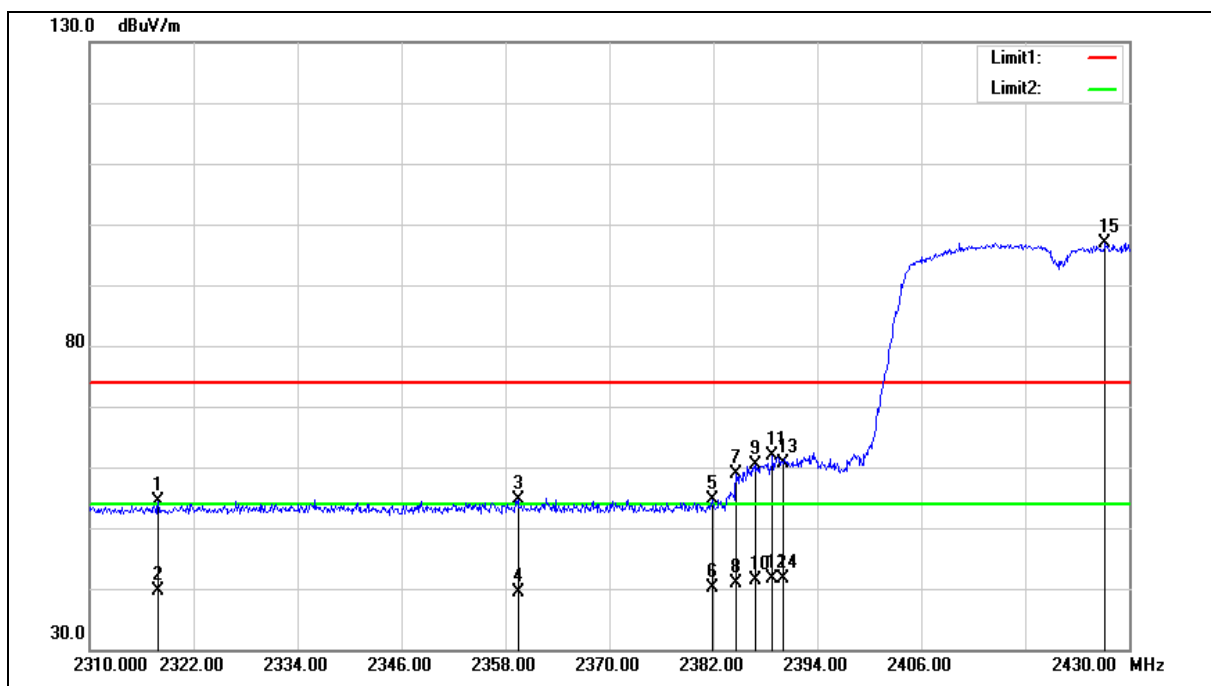
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2312.520	57.82	-3.56	54.26	74.00	-19.74	peak
2	2312.520	43.16	-3.56	39.60	54.00	-14.40	AVG
3	2333.040	57.85	-3.48	54.37	74.00	-19.63	peak
4	2333.040	42.92	-3.48	39.44	54.00	-14.56	AVG
5	2364.480	57.65	-3.38	54.27	74.00	-19.73	peak
6	2364.480	43.02	-3.38	39.64	54.00	-14.36	AVG
7	2383.920	60.90	-3.31	57.59	74.00	-16.41	peak
8	2383.920	44.66	-3.31	41.35	54.00	-12.65	AVG
9	2386.680	68.65	-3.29	65.36	74.00	-8.64	peak
10	2386.680	46.55	-3.29	43.26	54.00	-10.74	AVG
11	2388.720	69.59	-3.28	66.31	74.00	-7.69	peak
12	2388.720	47.55	-3.28	44.27	54.00	-9.73	AVG
13	2390.000	67.30	-3.28	64.02	74.00	-9.98	peak
14	2390.000	48.58	-3.28	45.30	54.00	-8.70	AVG
15	2412.360	105.01	-3.19	101.82	--	--	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

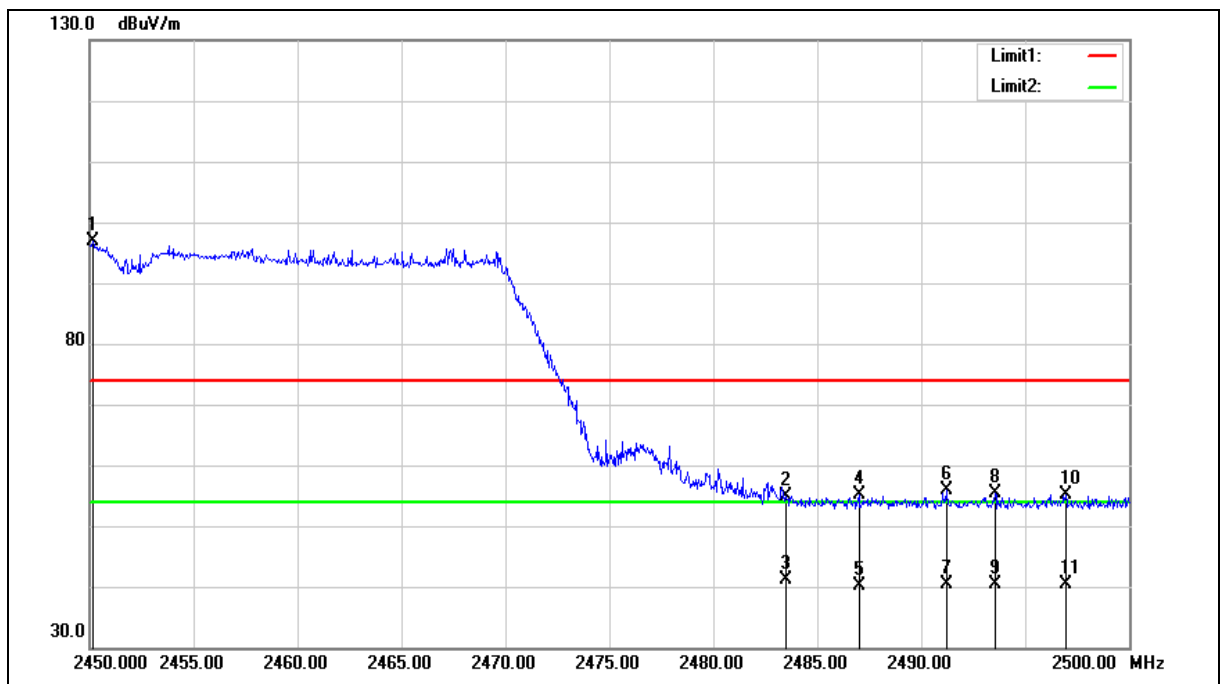
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2317.920	57.94	-3.54	54.40	74.00	-19.60	peak
2	2317.920	43.23	-3.54	39.69	54.00	-14.31	AVG
3	2359.440	57.91	-3.39	54.52	74.00	-19.48	peak
4	2359.440	42.72	-3.39	39.33	54.00	-14.67	AVG
5	2381.880	57.94	-3.31	54.63	74.00	-19.37	peak
6	2381.880	43.36	-3.31	40.05	54.00	-13.95	AVG
7	2384.640	62.08	-3.31	58.77	74.00	-15.23	peak
8	2384.640	44.18	-3.31	40.87	54.00	-13.13	AVG
9	2386.920	63.58	-3.29	60.29	74.00	-13.71	peak
10	2386.920	44.56	-3.29	41.27	54.00	-12.73	AVG
11	2388.840	65.06	-3.28	61.78	74.00	-12.22	peak
12	2388.840	45.02	-3.28	41.74	54.00	-12.26	AVG
13	2390.000	63.87	-3.28	60.59	74.00	-13.41	peak
14	2390.000	44.88	-3.28	41.60	54.00	-12.40	AVG
15	2427.240	100.08	-3.14	96.94	--	--	peak

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

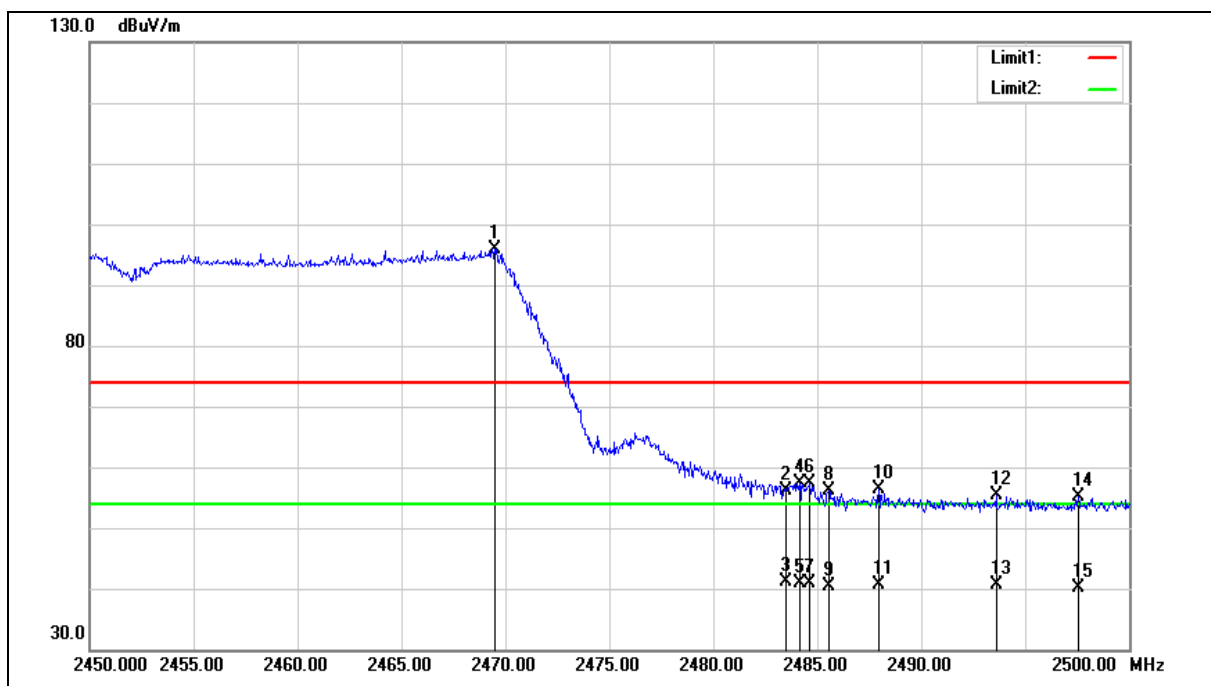
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2450.150	99.84	-3.06	96.78	--	--	peak
2	2483.500	57.86	-2.93	54.93	74.00	-19.07	peak
3	2483.500	44.04	-2.93	41.11	54.00	-12.89	AVG
4	2487.000	57.93	-2.92	55.01	74.00	-18.99	peak
5	2487.000	43.04	-2.92	40.12	54.00	-13.88	AVG
6	2491.200	58.91	-2.91	56.00	74.00	-18.00	peak
7	2491.200	43.25	-2.91	40.34	54.00	-13.66	AVG
8	2493.550	58.30	-2.89	55.41	74.00	-18.59	peak
9	2493.550	43.20	-2.89	40.31	54.00	-13.69	AVG
10	2496.950	57.92	-2.88	55.04	74.00	-18.96	peak
11	2496.950	43.38	-2.88	40.50	54.00	-13.50	AVG

Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.500	98.93	-2.98	95.95	--	--	peak
2	2483.500	59.09	-2.93	56.16	74.00	-17.84	peak
3	2483.500	44.06	-2.93	41.13	54.00	-12.87	AVG
4	2484.150	60.30	-2.93	57.37	74.00	-16.63	peak
5	2484.150	43.73	-2.93	40.80	54.00	-13.20	AVG
6	2484.650	60.30	-2.93	57.37	74.00	-16.63	peak
7	2484.650	43.93	-2.93	41.00	54.00	-13.00	AVG
8	2485.550	58.94	-2.92	56.02	74.00	-17.98	peak
9	2485.550	43.19	-2.92	40.27	54.00	-13.73	AVG
10	2487.950	59.27	-2.92	56.35	74.00	-17.65	peak
11	2487.950	43.56	-2.92	40.64	54.00	-13.36	AVG
12	2493.600	58.39	-2.89	55.50	74.00	-18.50	peak
13	2493.600	43.48	-2.89	40.59	54.00	-13.41	AVG
14	2497.550	58.11	-2.88	55.23	74.00	-18.77	peak
15	2497.550	43.10	-2.88	40.22	54.00	-13.78	AVG

Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

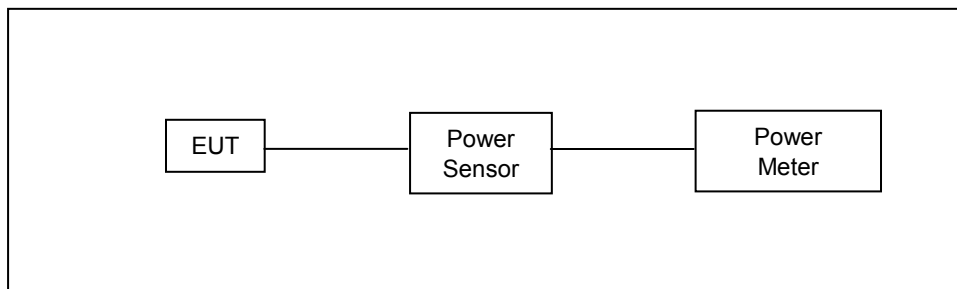
3.When the peak results are less than average limit, so not need to evaluate the average.

4.2.2 最大傳導輸出功率之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.2(1)(C)節之要求，操作於 2400-2483.5 兆赫(MHz)數位調變技術系統：1 瓦(W)(含)以下

測試架構圖：



測試結果:

Test Mode	Frequency (MHz)	RF Power setting in Test Software	Test Software Version
Mode 2	2412	16.5	EngineerMode (手機內部)
	2437	16.5	
	2462	16.5	
Mode 3	2412	12.0	
	2437	17.5	
	2462	12.5	
Mode 4	2412	12.5	
	2437	17.5	
	2462	12.5	
Mode 5	2422	12.0	
	2437	14.0	
	2452	10.5	

操作模式 : Mode 2 / Mode 3 / Mode 4 / Mode 5					
操作模式	Data Rate (Mbps)	頻道 CH	最大傳導輸出功率(Average)		Limit (dBm)
			dBm	W	
Mode 2	1	01	16.66	0.046	≤ 30.00
		06	16.92	0.049	≤ 30.00
		11	16.62	0.046	≤ 30.00
Mode 3	6	01	12.18	0.017	≤ 30.00
		06	17.63	0.058	≤ 30.00
		11	12.38	0.017	≤ 30.00
Mode 4	6.5	01	12.66	0.018	≤ 30.00
		06	17.55	0.057	≤ 30.00
		11	12.27	0.017	≤ 30.00
Mode 5	13.5	03	12.07	0.016	≤ 30.00
		06	14.09	0.026	≤ 30.00
		09	10.52	0.011	≤ 30.00

4.2.3 天線規格之要求

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.3(3)節之要求,除 3.10.1.3(1)及 3.10.1.3(2)外,使用超過 6 dBi 方向增益之發射天線時,應依超過 6 dBi 天線方向增益的 dBi 總量,等量減少最大傳導輸出功率限制值。

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.4 節之要求,天線之規格不受第 2.2 節規定之限制

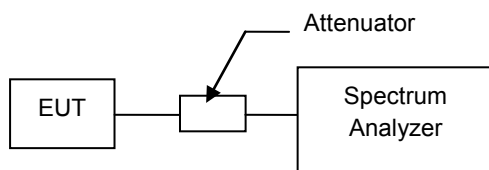
判定結果: 符合。

4.2.4 非必要頻帶之量測

合格標準：

發射限制： 使用頻帶範圍外之任意 100 千赫 (kHz)內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz)內的射頻功率，須衰減 30 分貝(dB)，以射頻傳導或輻射方式測量。

測試架構圖：



測試結果：

操作模式	: Mode 2 / Mode 3 / Mode 4 / Mode 5
量測之結果掃圖如下頁所示	

附註 1: 於使用頻帶範圍之任意 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，衰減 30 分貝(dB)以上，符合規定。

附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 30 dB。

Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX Mode

CH01



CH06



CH11



Mode 3: IEEE 802.11g Continuous TX Mode

CH01

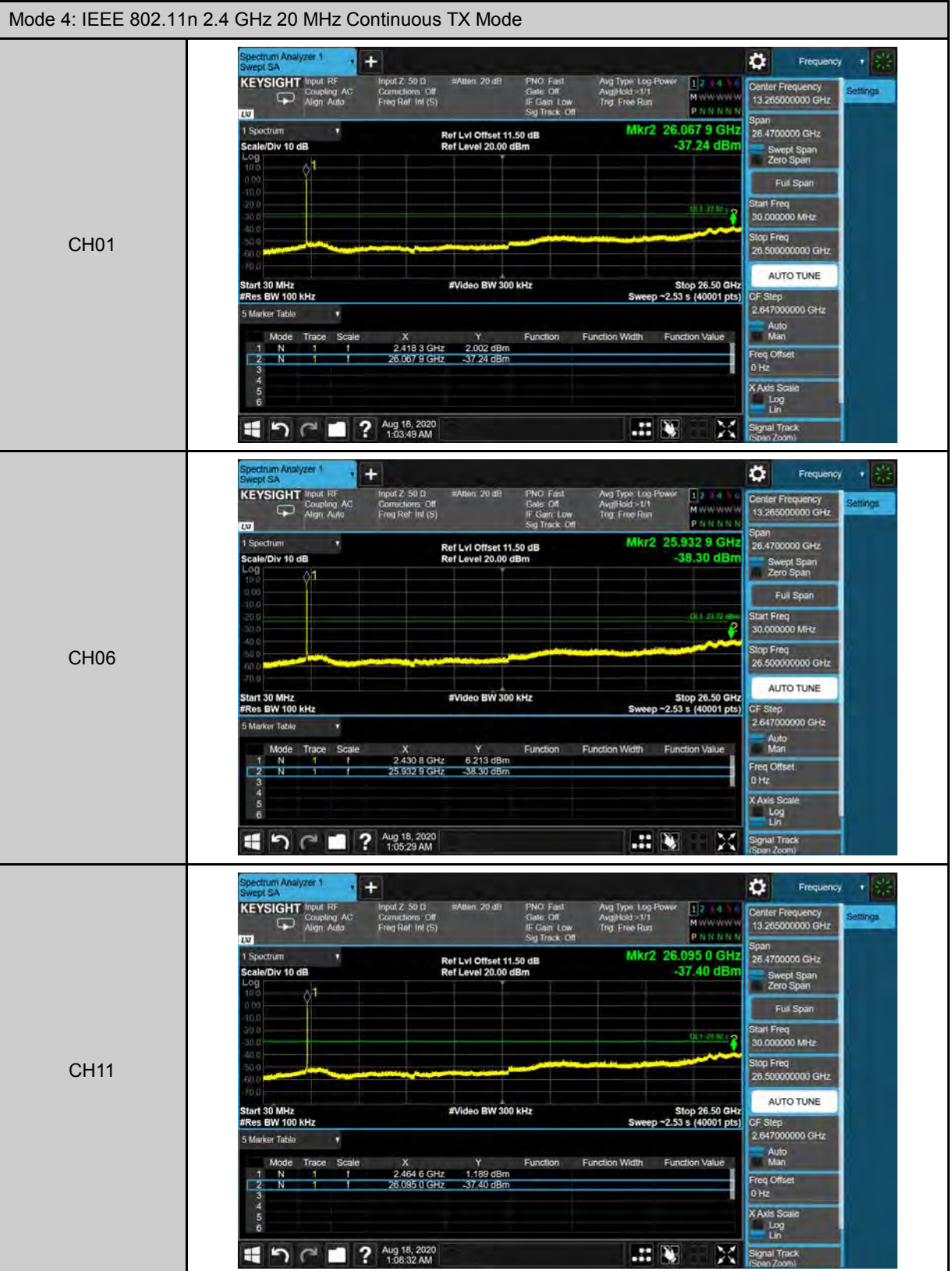


CH06



CH11





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode

CH03



CH06



CH09



Reference level

Mode 2: IEEE 802.11b Continuous TX Mode

CH01



CH06



CH11



Mode 3: IEEE 802.11g Continuous TX Mode

CH01



CH06



CH11



Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode

CH01



CH06



CH11



Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode

CH03



CH06



CH09



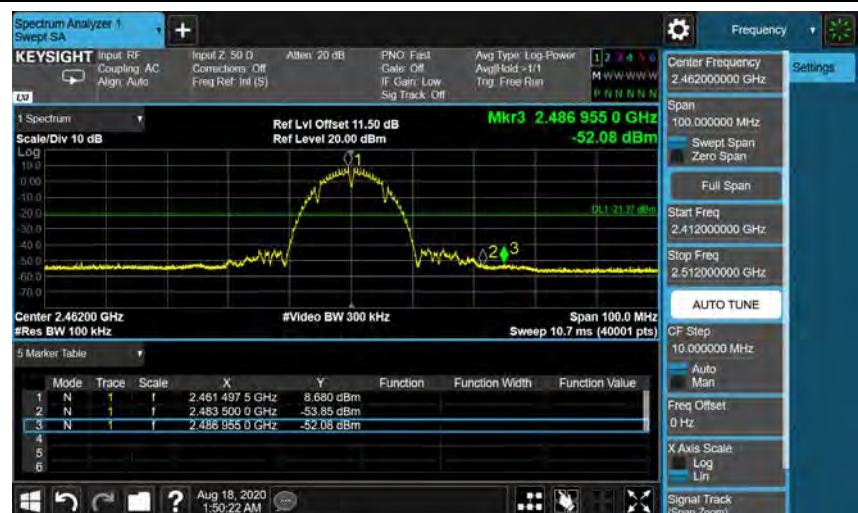
Conducted Band Edge

Mode 2: IEEE 802.11b Continuous TX Mode

CH01



CH11





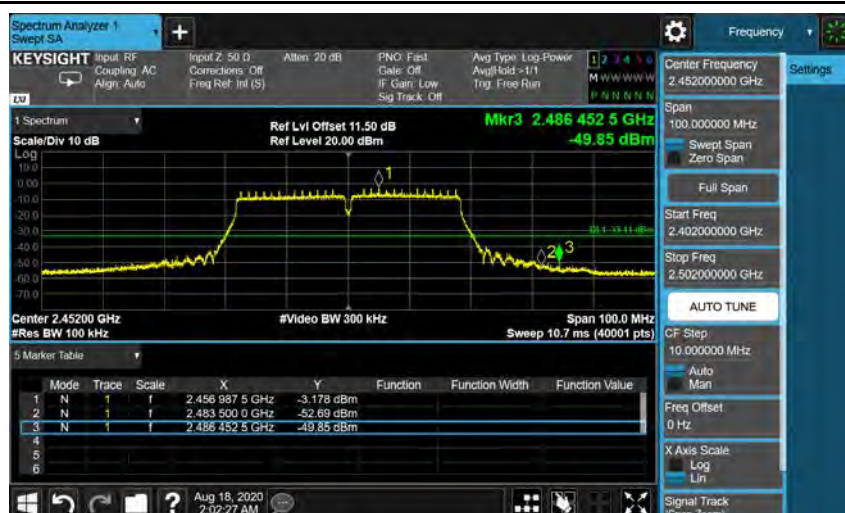


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode

CH03



CH09

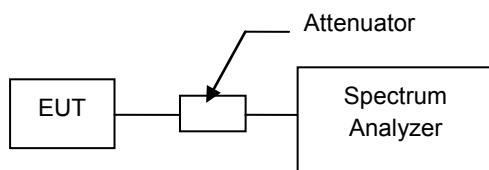


4.2.5 6 dB頻寬之要求

合格標準：

依據 NCC 低功率射頻電機技術規範 3.10.1.6(2)(A)節之要求，對使用數位調變技術(Digital Modulation Techniques)系統而言，6 dB 頻寬至少應有 500 千赫(kHz)。

測試架構圖：

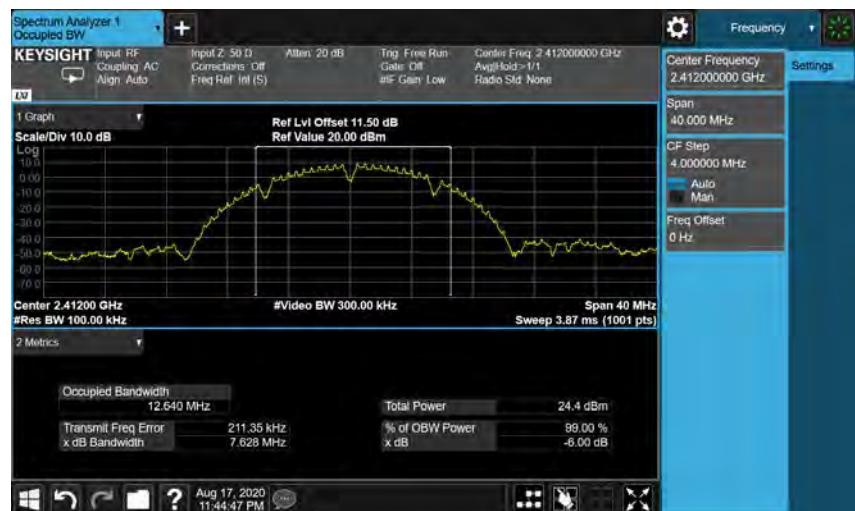


測試結果：

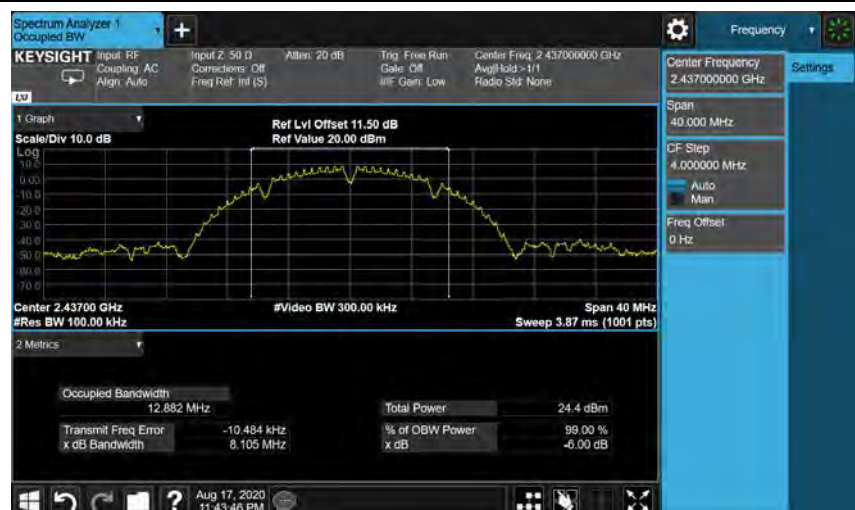
操作模式： Mode 2 / Mode 3 / Mode 4 / Mode 5			
操作模式	頻道	量測值 (kHz)	限制值 (kHz)
Mode 2	CH01	7628	≥ 500
	CH06	8105	≥ 500
	CH11	8113	≥ 500
Mode 3	CH01	15780	≥ 500
	CH06	16390	≥ 500
	CH11	16370	≥ 500
Mode 4	CH01	16420	≥ 500
	CH06	17670	≥ 500
	CH11	17610	≥ 500
Mode 5	CH03	35780	≥ 500
	CH06	36420	≥ 500
	CH09	36130	≥ 500
測試掃描圖請參考下頁。			

Mode 2: IEEE 802.11b Continuous TX Mode

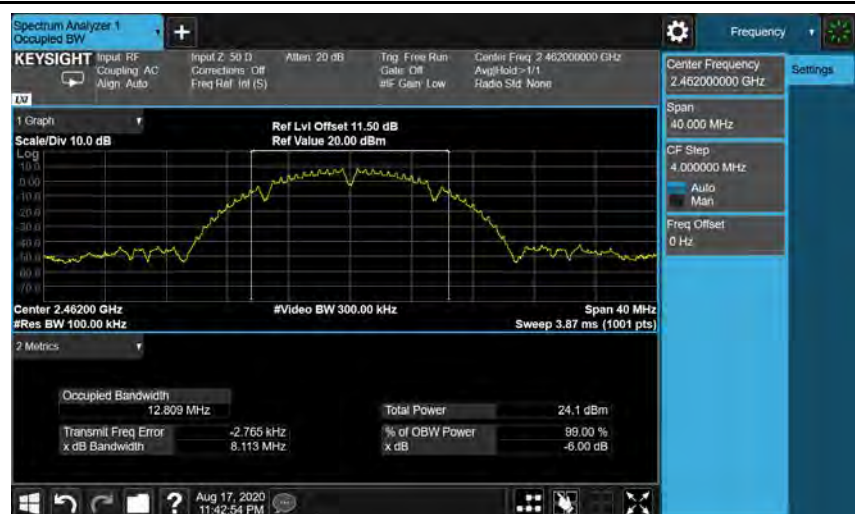
CH01



CH06



CH11



Mode 3: IEEE 802.11g Continuous TX Mode

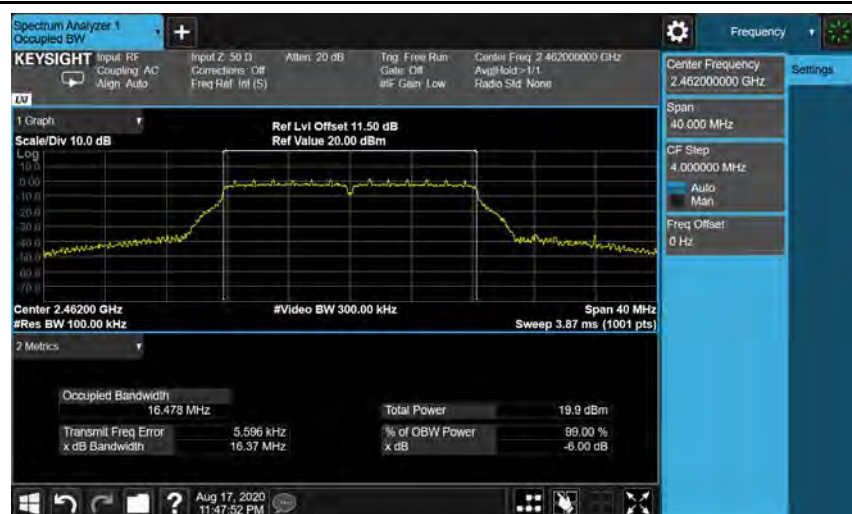
CH01



CH06



CH11







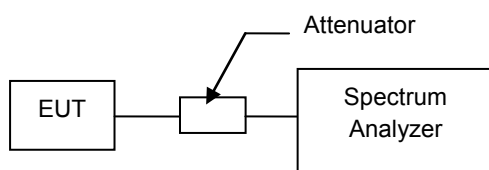
4.2.6 峰值發射功率頻譜密度之要求

合格標準：

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.6(2)(B)節之要求，數位調變技術(Digital Modulation Techniques)系統之功率密度,再使用頻率範圍之任意 3 kHz 頻寬內,由發射機傳導至天線之峰值發射功率頻譜密度在任意期間內,皆不得大於 8 dBm(複合系統時，關閉跳頻作業狀態檢驗)。

測試架構圖：

測試場地測試配置如圖所示。



測試結果：

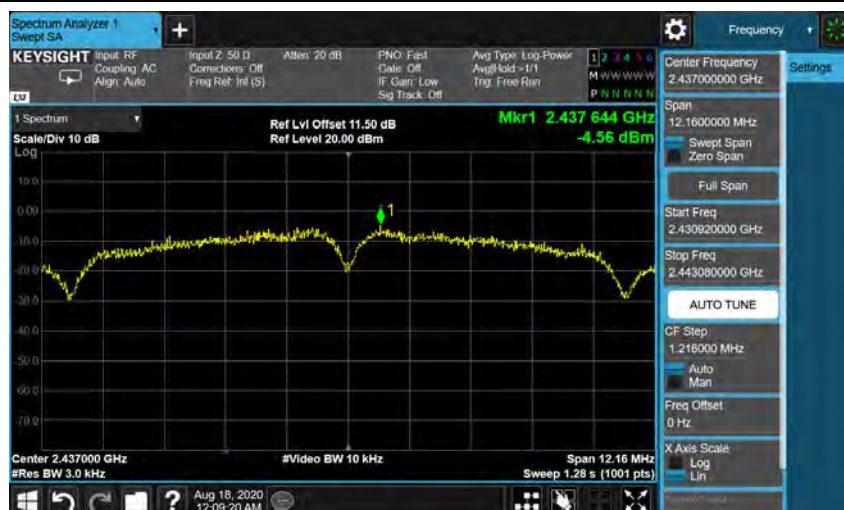
操作模式： Mode 2 / Mode 3 / Mode 4 / Mode 5			
操作模式	頻道	量測值 (dBm)	限制值 (dBm)
Mode 2	CH01	-5.000	≤ 8
	CH06	-4.560	≤ 8
	CH11	-4.060	≤ 8
Mode 3	CH01	-12.110	≤ 8
	CH06	-7.030	≤ 8
	CH11	-12.510	≤ 8
Mode 4	CH01	-12.040	≤ 8
	CH06	-7.510	≤ 8
	CH11	-12.970	≤ 8
Mode 5	CH03	-15.030	≤ 8
	CH06	-13.710	≤ 8
	CH09	-17.170	≤ 8

Mode 2: IEEE 802.11b Continuous TX Mode

CH01



CH06



CH11

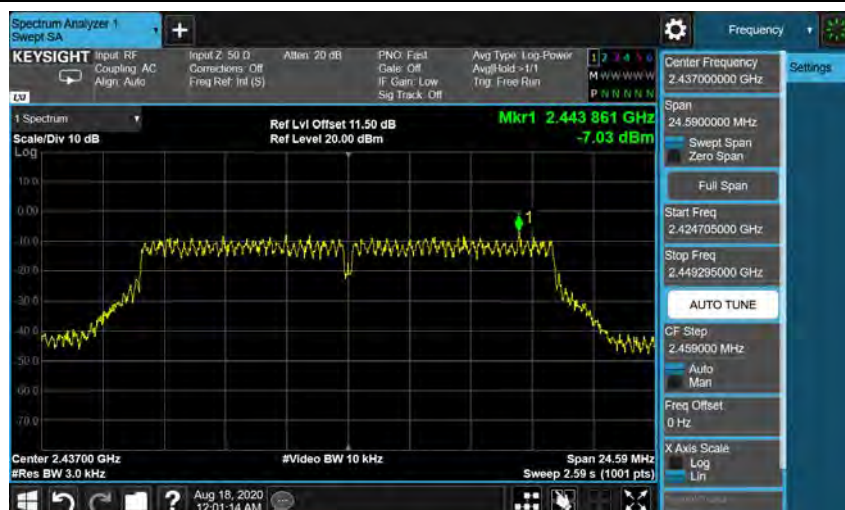


Mode 3: IEEE 802.11g Continuous TX Mode

CH01



CH06



CH11

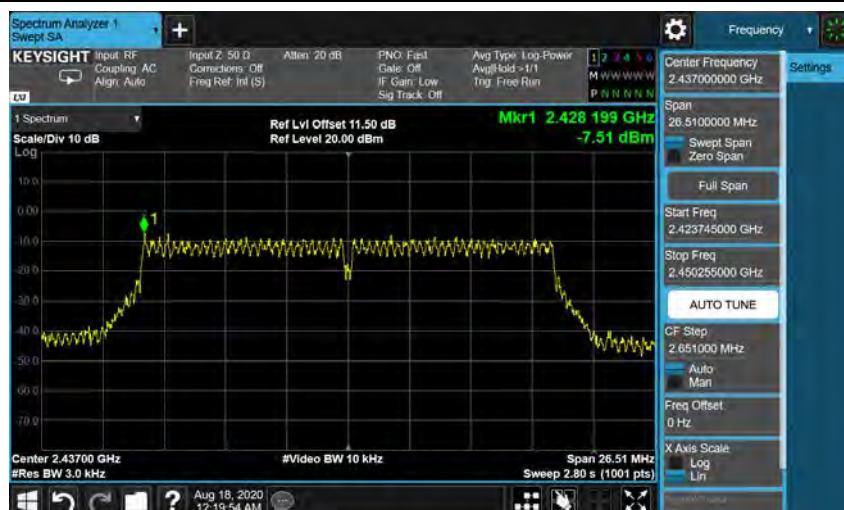


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode

CH01



CH06



CH11

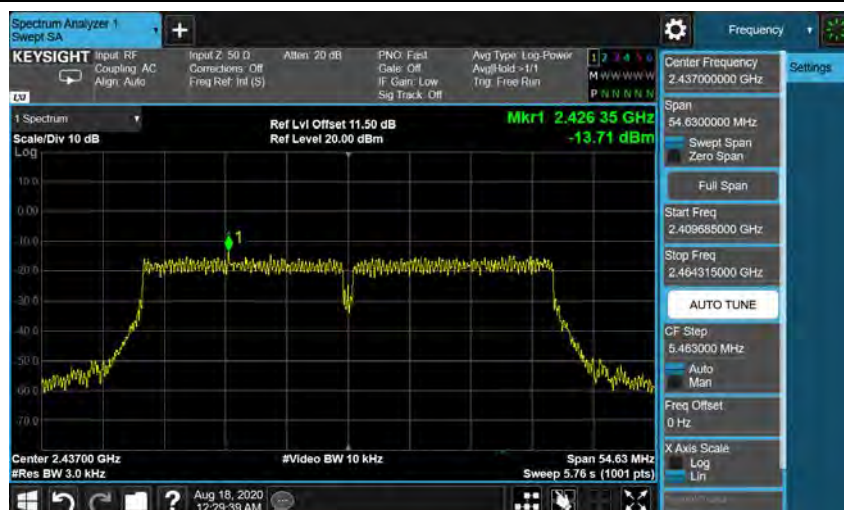


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode

CH03



CH06



CH09



4.2.7 電波暴露量之評估

合格標準:

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)以證明其符合電波暴露量之要求。限制值如下：

5.20.2.1 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：MHz。

5.20.2.2 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)
0.3~1.34	614	1.63	*100	30
1.34~30	824/f	2.19/f	*180/f ²	30
30~300	27.5	0.073	0.2	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：MHz。

判定結果:

Band	Frequency (MHz)	Limit (mW/cm ²)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	Power Density [S] (mW/cm ²)
BT	2402-2480	1	20	13.28	-1.34	0.73	1	0.0031
WLAN 2.4 GHz	2412-2462	1	20	17.63	-1.34	0.73	1	0.0084
WCDMA (Band I)_下天線	1920-1980	1	20	21.20	-0.2	0.95	1	0.0249

Simultaneous MPE = BT + WLAN 2.4 GHz + WCDMA (Band I)_下天線
= 0.0031 + 0.0084 + 0.0249 = 0.0364

--- END---