



晶復科技股份有限公司

A Test Lab Techno Corp.

低功率射頻器材試驗報告

報告編號 2101DR40
版本(Rev.) 00
產品名稱 無線局域網接入點Wireless LAN Access Point
申請廠商 訊歲技術有限公司
廠牌 HUAWEI
型式 (號) AirEngine6760-X1
產品試驗依據之標準 低功率射頻器材技術規範(LP0002) 109 年 7 月 1 日
報告發行日期 110 年 01 月 27 日

填發本型式認可報告之試驗機構 (認可代號)

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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 : 低功率射頻器材技術規範(LP0002) (頻率範圍:9 kHz to 40 GHz)

免責聲明

- 1.本測試報告所敘述之測試結果，僅對顧客所提供之測試樣品，在此測試報告所述及之測試條件下，所實施之量測有效。
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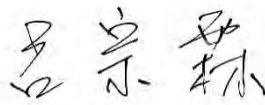
報告修訂紀錄

版本 (Rev.)	發行日期	修訂內容	修訂者
00	110 年 01 月 22 日	初版發行	江玉
01	110 年 01 月 27 日	更新 2.3 章節(P.9) 移除系列型號 更新 External Photos、Internal Photos	江玉

低功率射頻器材測試證明書

產品名稱 : 無線局域網接入點Wireless LAN Access Point
廠 牌 : HUAWEI
型 號 : AirEngine6760-X1
申請廠商 : 訊巖技術有限公司
申請者地址 : 臺北市內湖區洲子街55、57號3樓
製造廠商 : Huawei Technologies Co., Ltd.
製造商地址 : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District, Shenzhen, Guangdong, 518129, P.R.China.
待測物電壓 : DC 56.0 V, 1.07 A or PoE DC 56.0 V, 1.5 A
試驗電壓 : 110 Vac, 60 Hz
量測規範 : 低功率射頻器材技術規範(LP0002) 109年7月1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 09 月 18 日
試驗日期 : 109 年 12 月 18 日 ~ 110 年 01 月 12 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器材技術規範(LP0002)所規定的
各項限制值。
特 此 證 明 !

審 核 者 :



(呂 宗 霖)

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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	無線局域網接入點Wireless LAN Access Point
廠 牌	HUAWEI
型 號	AirEngine6760-X1
額 定 電 源	DC 56.0 V, 1.07 A or PoE DC 56.0 V, 1.5 A
調 變 方 式	GFSK
頻 率 使 用 範 圍	2402 MHz – 2480 MHz
天 線 廠 牌	1. 信維 2. 立訊精密
天 線 型 號	1. FAFHJ0210101A0 2. 27013768
天 線 型 態	Metal frame Antenna
天 線 增 益 值	3 dBi
RF 最大輸出功率	LE, GFSK: 1.96 dBm/ 0.00157 W 2LE, GFSK: 3.88 dBm/ 0.00244 W

Note: 天線差異僅為廠牌及型號不同，其他設計原理、天線型式、Antenna gain 均相同。

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	10GE/PoE_IN Port	1	連接至中心接入點 Central Access Point/POE Adapter
2	GE Port	1	連接至中心接入點 Central Access Point
3	SFP + Port	1	連接至 Optical Transceiver
4	DC Power in Port	1	連接至交換式電源供應器/
5	USB Port	1	連接至 USB 設備

附屬裝置表：

裝置名稱	廠牌	型號	備註
交換式電源供應器	HUAWEI	HW-560107D0D	Input: 100-240 VAC, 50/60Hz, 2.0 A, Output: DC 56.0, 1.07 A Non-Shielded, 1.45 m
Power Cable	HUAWEI	PD-041	Non-Shielded, 1.90 m
Optical Transceiver	HUAWEI	OGSC10DD0	規格: eSFP(industry)-1310 mm, 1.25 Gb/s

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 (變更內容請參考產品概述)。 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: Jan. 12, 2021

測試者: 林佳禾

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Power Sensor	Agilent	N1921A	MY45241957	12/09/2020	1 year
Power Meter	Agilent	N1911A	MY45101619	12/09/2020	1 year
Spectrum Analyzer (20 Hz~26.5 GHz)	Keysight	N9010B	MY59071418	03/17/2020	1 year

For Conducted Emission

Test Period: Jan. 09, 2021

測試者: 林佳禾

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

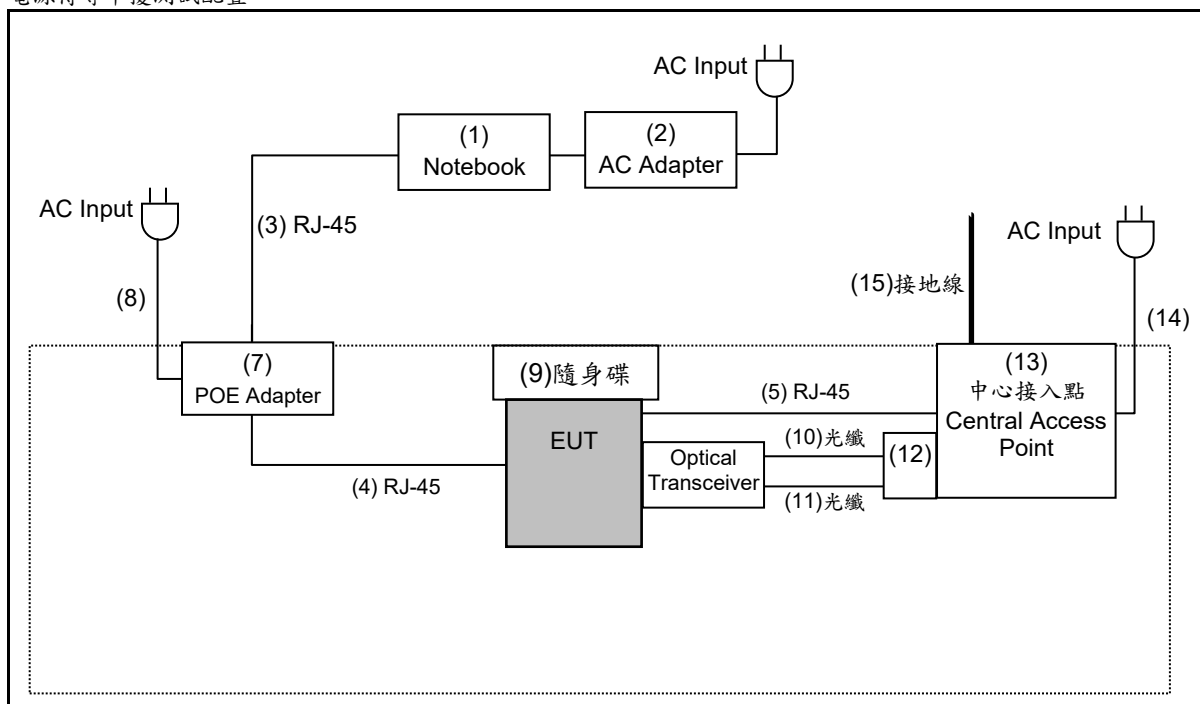
Test Period: Dec. 18, 2020

測試者: 葉佳原

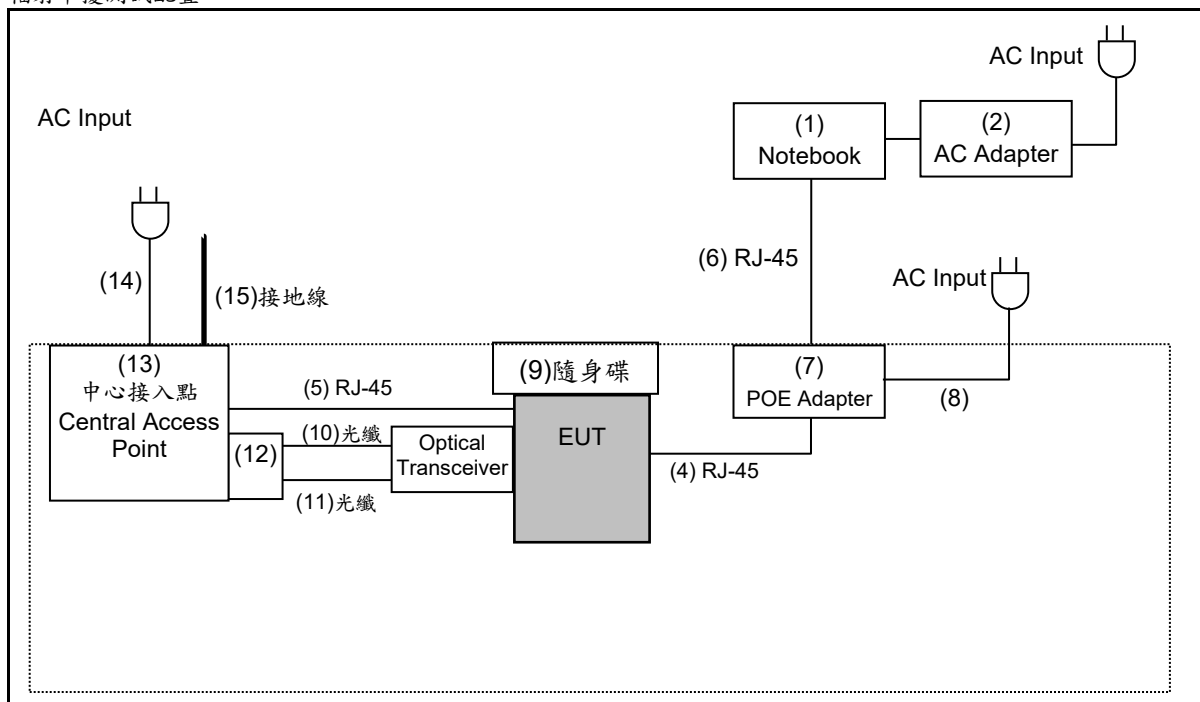
名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer	Keysight	N9030B	MY57143537	04/14/2020	1 year
Amplifier	Titan	T0910E0001433 0A1F	001	07/23/2020	1 year
Amplifier	Titan	T0912E0126302 5A1F	002	07/23/2020	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	01146	07/03/2020	1 year
天線(1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	02207	06/30/2020	1 year
天線(18~40 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	08/18/2020	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)	Notebook	ASUS	P2430U	---	---	(實驗室提供)
(2)	AC Adapter	ASUS	ADP-65GD D	---	Non-Shielded, 0.8 m	INPUT : 100-240 VAC, 50/60 Hz, 1.5 A OUTPUT : 19 VDC, 3.42 A (實驗室提供)
(3)	RJ45 Cable	HUAWEI	UL2464	---	---	規格: RJ 45 to RJ 45 線長: 1.5 m (實驗室提供)
(4)	RJ45 Cable	HUAWEI	UL2464	---	---	規格: RJ 45 to RJ 45 線長: 1.5 m (實驗室提供)
(5)	RJ45 Cable	HUAWEI	UL2464	---	---	規格: RJ 45 to RJ 45 線長: 1.5 m (實驗室提供)
(6)	RJ45 Cable	大同	CAT5E	---	---	規格: RJ 45 to RJ 45 線長: 3 m (實驗室提供)
(7)	POE Adapter	HUAWEI	POE85-56A	---	---	INPUT : 100-240 VAC, 50/60 Hz, 1.4 A OUTPUT : 56.0 VDC, 1.5 A (申請者提供)
(8)	Power Cable	HUAWEI	PD-041	---	---	線長: 1.9 m (申請者提供)
(9)	隨身碟	ADATA	C906	---	---	容量: 8 GB (實驗室提供)
(10)	光纖線	HUAWEI	PLCLC56-ST 2P310-HW	---	---	長度: 10 m, 單Port (申請者提供)
(11)	光纖線	HUAWEI	PLCLC56-ST 2P310-HW	---	---	長度: 10 m, 單Port (申請者提供)
(12)	Optical Transceiver	HUAWEI	eSFP-GE-SX-MM850	---	---	(申請者提供)
(13)	中心接入點 Central Access Point	HUAWEI	AirEngine970 0D-M	---	---	(申請者提供)
(14)	Power Cable	HUAWEI	PD-042	---	---	線長: 2.9 m (申請者提供)
(15)	接地線	HUAWEI	04150617 VC	---	---	線長: 1.5 m (申請者提供)

註：本案經申請者切結器材不提供隨貨配件，配件由實驗室(或申請者)提供併同檢驗。

測試組合：

EUT Configure Mode	CE	RE<1G	RE ≥ 1G	備註
交換式電源供應器				
Power Cable				
Optical Transceiver	V	V	V	
Notebook	V	V	V	測試週邊(1)
AC Adapter	V	V	V	測試週邊(2)
RJ45 Cable	V	---	---	測試週邊(3)
RJ45 Cable	V	V	V	測試週邊(4)
RJ45 Cable	V	V	V	測試週邊(5)
RJ45 Cable	---	V	V	測試週邊(6)
POE Adapter	V	V	V	測試週邊(7)
Power Cable	V	V	V	測試週邊(8)
隨身碟	V	V	V	測試週邊(9)
光纖線	V	V	V	測試週邊(10)
光纖線	V	V	V	測試週邊(11)
Optical Transceiver	V	V	V	測試週邊(12)
中心接入點 Central Access Point	V	V	V	測試週邊(13)
Power Cable	V	V	V	測試週邊(14)
接地線	V	V	V	測試週邊(15)

RE ≥ 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

--- : No evaluation required

Blank Space : Pre-test mode

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

Test Mode
Mode 1: Transmit Mode
Mode 2: LE, GFSK Continuous TX Mode
Mode 3: 2LE, GFSK Continuous TX Mode
Mode 4: Receiver Mode

Test Mode	Frequency (MHz)	RF Power setting in Test Software	Test Software Version
Mode 2	2402	Default	Putty
	2440	Default	
	2480	Default	
Mode 3	2402	Default	
	2440	Default	
	2480	Default	

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
Conducted Emission	150 kHz ~ 30 MHz	2.7 dB
Radiated Emission	9 kHz ~ 30 MHz	2.2 dB
	30 MHz ~ 1000 MHz	5.1 dB
	1000 MHz ~ 18000 MHz	5.1 dB
	18000 MHz ~ 26500 MHz	4.4 dB
	26500 MHz ~ 40000 MHz	4.6 dB
Conducted Output Power	1.1 dB	
RF Bandwidth	4.7 %	
Power Spectral Density	1.1 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 低功率射頻器材技術規範(LP0002)之檢驗法。

LE/2LE 測試項目

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	低功率射頻器材技術規範 3.3節	Annex A.	請參閱2.1節	符合
2	場強輻射 (1 GHz以上)	低功率射頻器材技術規範 3.5節、3.6節、4.10.1.5節	Annex B.	請參閱2.1節	符合
3	場強輻射其它不必要之訊號 (1 GHz以下)	低功率射頻器材技術規範 3.5節、3.6節、4.10.1.5節	Annex B.	請參閱2.1節	符合
4	頻帶邊緣外之輻射發射	低功率射頻器材技術規範 4.10.1.5節	Annex B.	請參閱2.1節	符合
5	輸出峰值功率	低功率射頻器材技術規範 4.10.1.2(1)(C)節	Annex C.	請參閱2.1節	符合
6	非必要頻帶	低功率射頻器材技術規範 4.10.1.5(1)節	Annex C.	請參閱2.1節	符合
7	發射頻寬	低功率射頻器材技術規範 4.10.1.6(2)(A)節	Annex C.	請參閱2.1節	符合
8	功率密度	低功率射頻器材技術規範 4.10.1.6(2)(B)節	Annex C.	請參閱2.1節	符合
9	天線規格	低功率射頻器材技術規範 4.10.1.3(3)節、4.10.1.4節	請參閱4.7節	-----	符合

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 低功率射頻器材技術規範(LP0002)之 3.3 節，以市電為電源之低功率射頻器材，其傳導回電源線上頻率自 150 kHz 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。

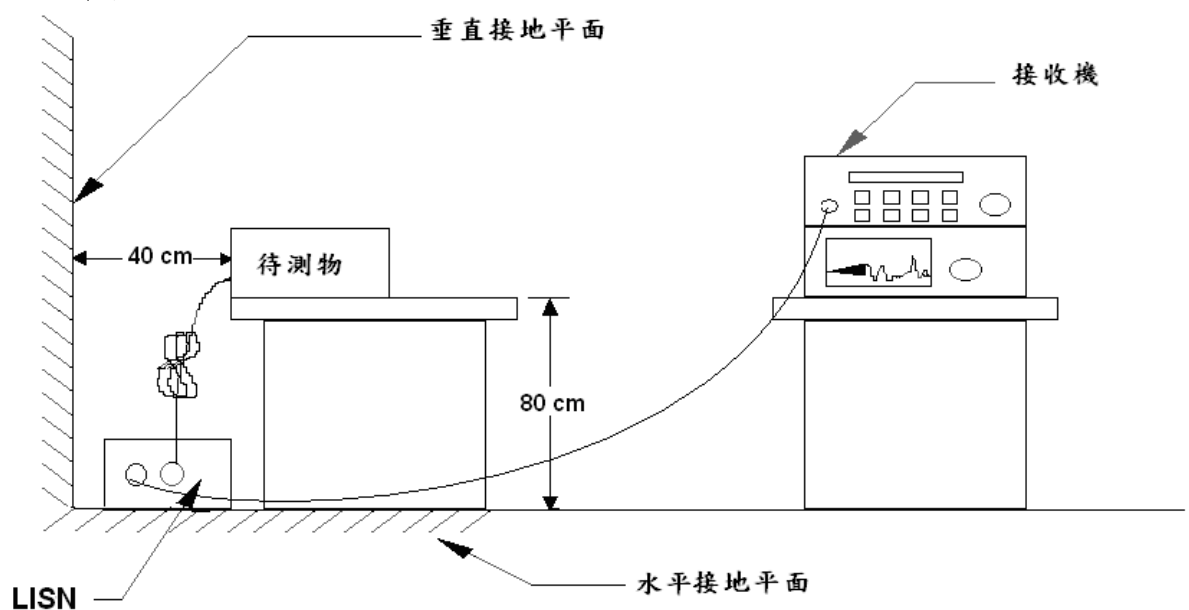
干擾值之計算

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：



4.2 場強輻射之量測

合格標準：

依據 NCC 低功率射頻器材技術規範(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 低功率射頻器材技術規範(LP0002)之 4.10.1.5(2)之峰值傳導輸出功率量測方式者，至少須衰減 30 dB。此外，落於第 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定。

依據 NCC 低功率射頻器材技術規範第 3.5 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 低功率射頻器材技術規範第 3.6 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。

頻 率 (MHz)	電場強度 (μ V/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。

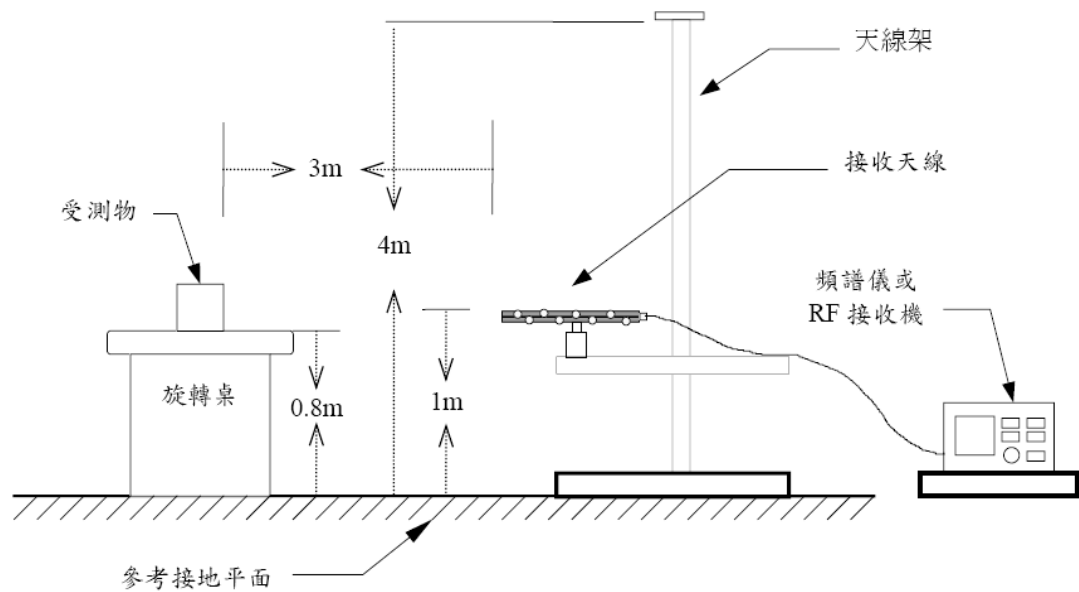
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

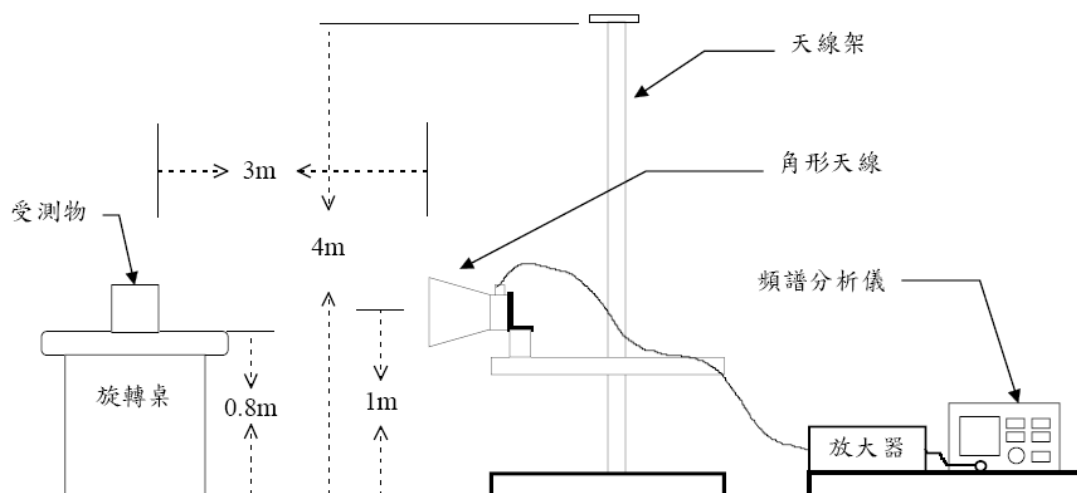
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

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



4.3 輸出峰值功率之量測

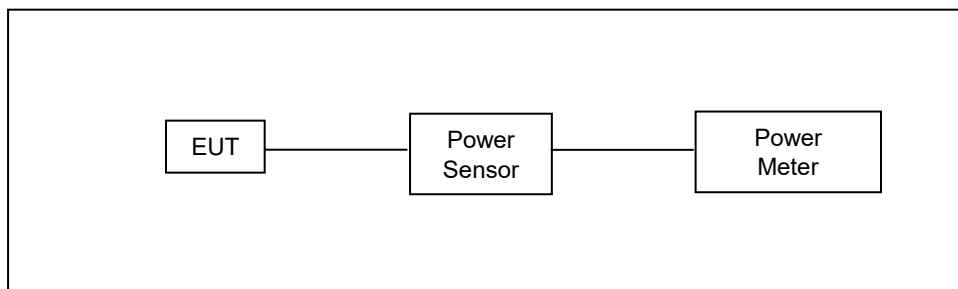
合格標準：

LE/2LE

依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.2(1)(C)節之要求，操作於 2400-2483.5 兆赫(MHz)之所有數位調變技術系統：1 瓦(W)以下。

除使用附件二之峰值輸出功率量測方式外，並得使用以最大傳導輸出功率(Maximum Conducted Output Power)作為量測方式。

測試架構圖：

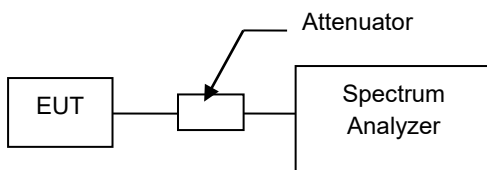


4.4 非必要頻帶之量測

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 20 分貝(dB)，以射頻傳導或輻射方式測量。

測試架構圖：



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 20 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 20 dB。

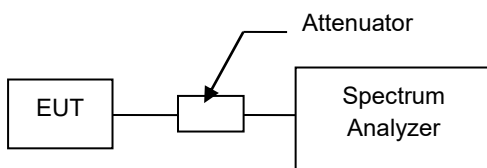
4.5 發射頻寬之要求

合格標準：

LE/2LE

依據 NCC 低功率射頻器材技術規範 4.10.1.6(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：

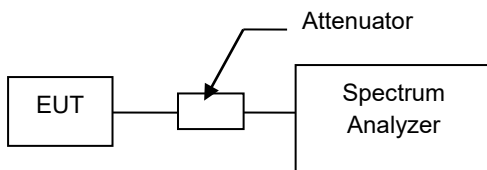


4.6 功率密度之要求

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.6(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電功率密度在任意期間內，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：



4.7 天線規格之要求

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.3(3)節之要求，除 4.10.1.3(1)及 4.10.1.3(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。

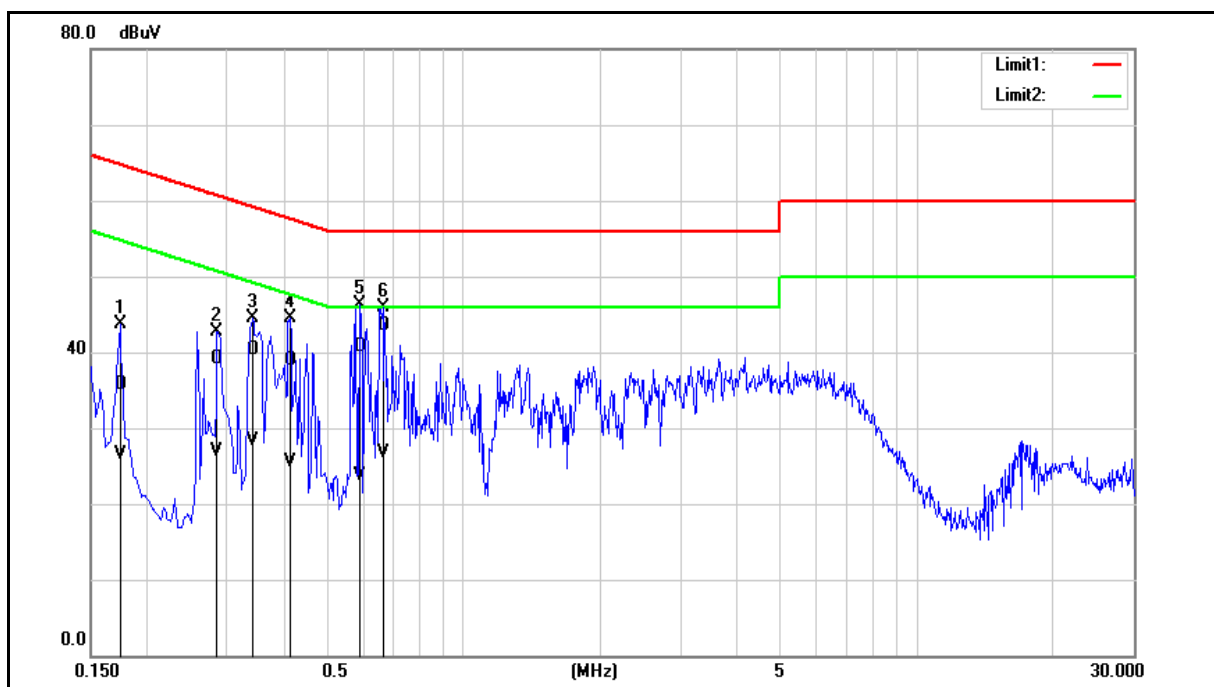
依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.4 節之要求，天線之規格不受第 3.2 節規定之限制

判定結果：符合。

5. Test Results

Annex A. Conducted Emission

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

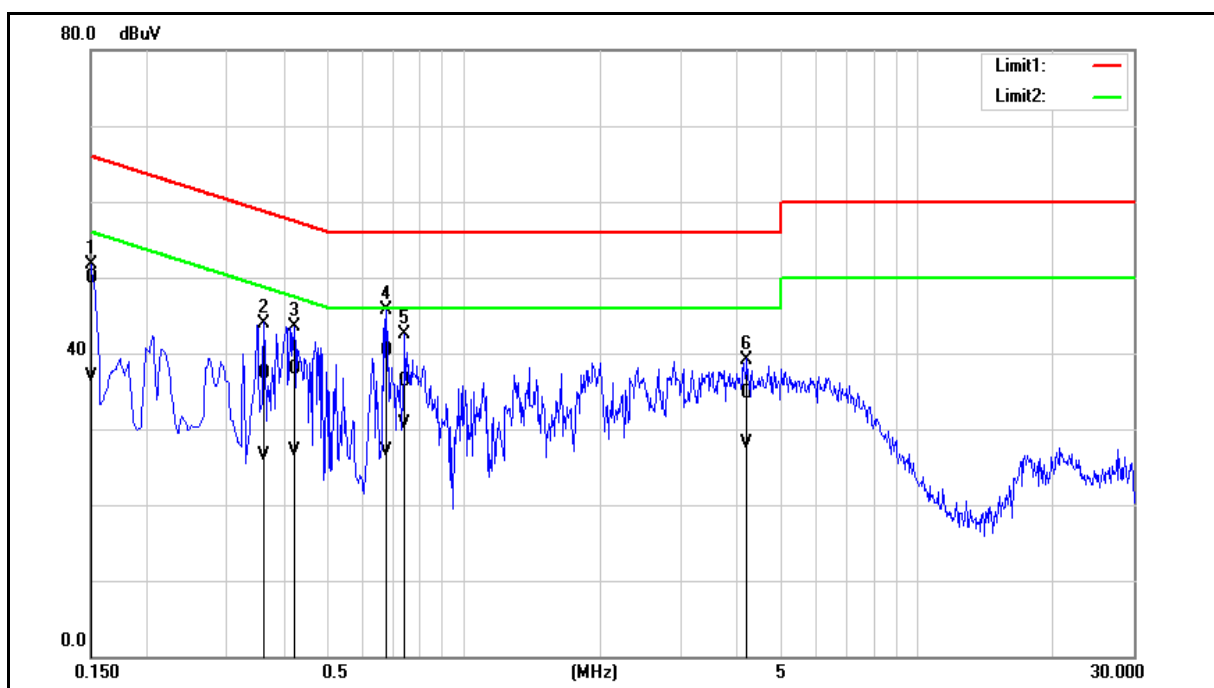


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1740	26.03	16.74	9.70	35.73	26.44	64.77	54.77	-29.04	-28.33	Pass
2	0.2860	29.43	17.17	9.71	39.14	26.88	60.64	50.64	-21.50	-23.76	Pass
3	0.3420	30.60	18.53	9.70	40.30	28.23	59.15	49.15	-18.85	-20.92	Pass
4	0.4140	29.19	15.84	9.70	38.89	25.54	57.57	47.57	-18.68	-22.03	Pass
5	0.5900	30.96	13.92	9.71	40.67	23.63	56.00	46.00	-15.33	-22.37	Pass
6	0.6620	33.82	17.03	9.71	43.53	26.74	56.00	46.00	-12.47	-19.26	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	0.1500	40.28	27.25	9.69	49.97	36.94	66.00	56.00	-16.03	-19.06	Pass
2	0.3620	27.57	16.75	9.69	37.26	26.44	58.68	48.68	-21.42	-22.24	Pass
3	0.4220	28.22	17.36	9.69	37.91	27.05	57.41	47.41	-19.50	-20.36	Pass
4	0.6740	30.60	17.36	9.70	40.30	27.06	56.00	46.00	-15.70	-18.94	Pass
5	0.7420	26.65	20.93	9.69	36.34	30.62	56.00	46.00	-19.66	-15.38	Pass
6	4.2180	24.96	18.31	9.80	34.76	28.11	56.00	46.00	-21.24	-17.89	Pass

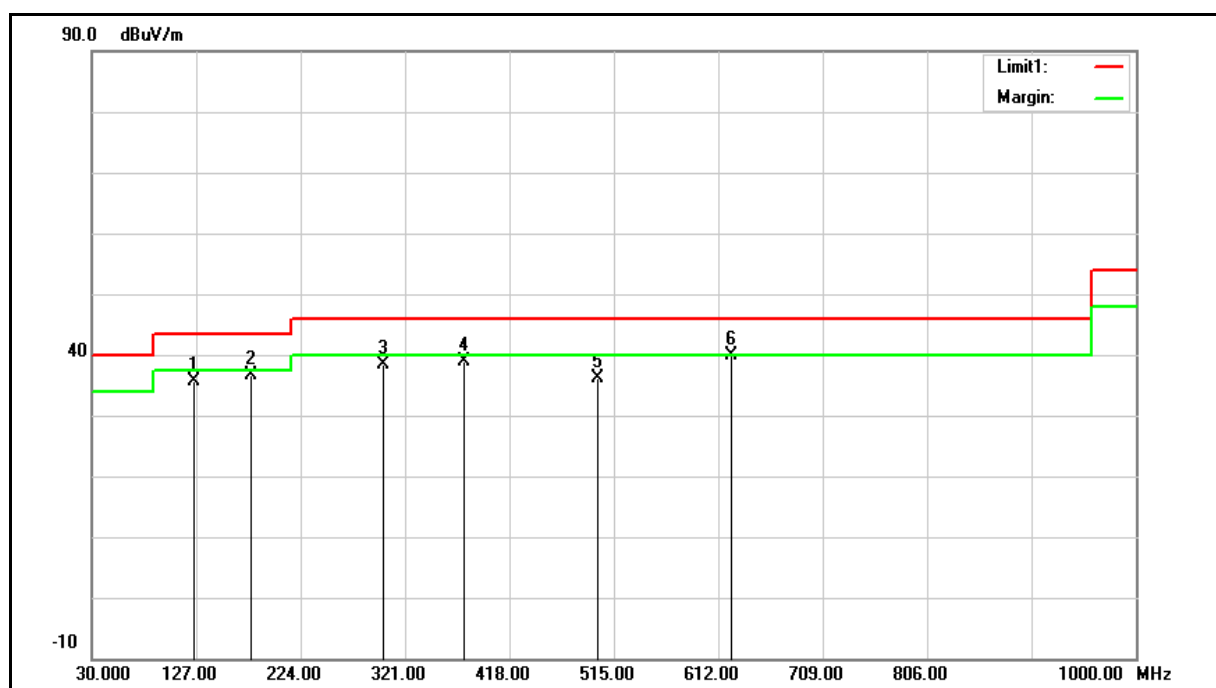
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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)。

Annex B. Radiated Emission Measurement

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	2480 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	125.0600	61.60	-25.99	35.61	43.50	-7.89	QP
2	178.4100	62.23	-25.66	36.57	43.50	-6.93	QP
3	300.6300	62.15	-23.65	38.50	46.00	-7.50	QP
4	375.3200	60.82	-21.87	38.95	46.00	-7.05	QP
5	500.4500	55.80	-19.64	36.16	46.00	-9.84	QP
6	624.6100	56.83	-16.88	39.95	46.00	-6.05	QP

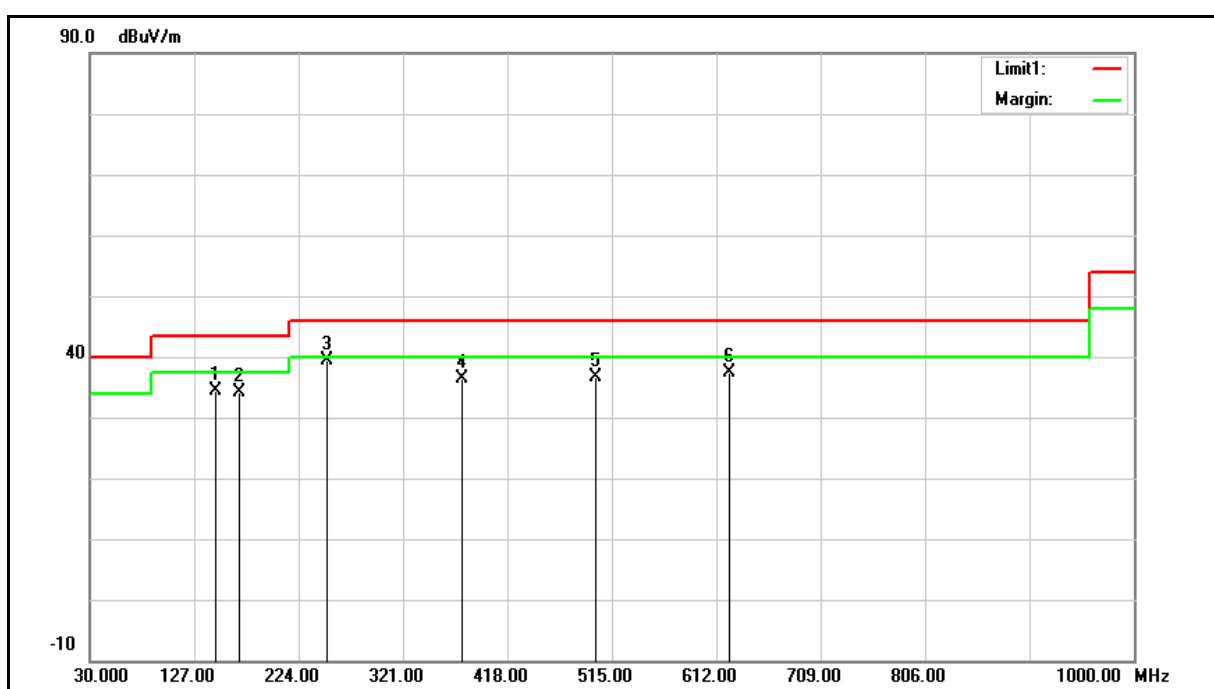
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 35.61 = -25.99 + 61.60.

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:	2480 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	147.3700	58.88	-24.47	34.41	43.50	-9.09	QP
2	168.7100	58.80	-24.58	34.22	43.50	-9.28	QP
3	250.1900	64.83	-25.34	39.49	46.00	-6.51	QP
4	375.3200	58.30	-21.87	36.43	46.00	-9.57	QP
5	500.4500	56.38	-19.64	36.74	46.00	-9.26	QP
6	624.6100	54.21	-16.88	37.33	46.00	-8.67	QP

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

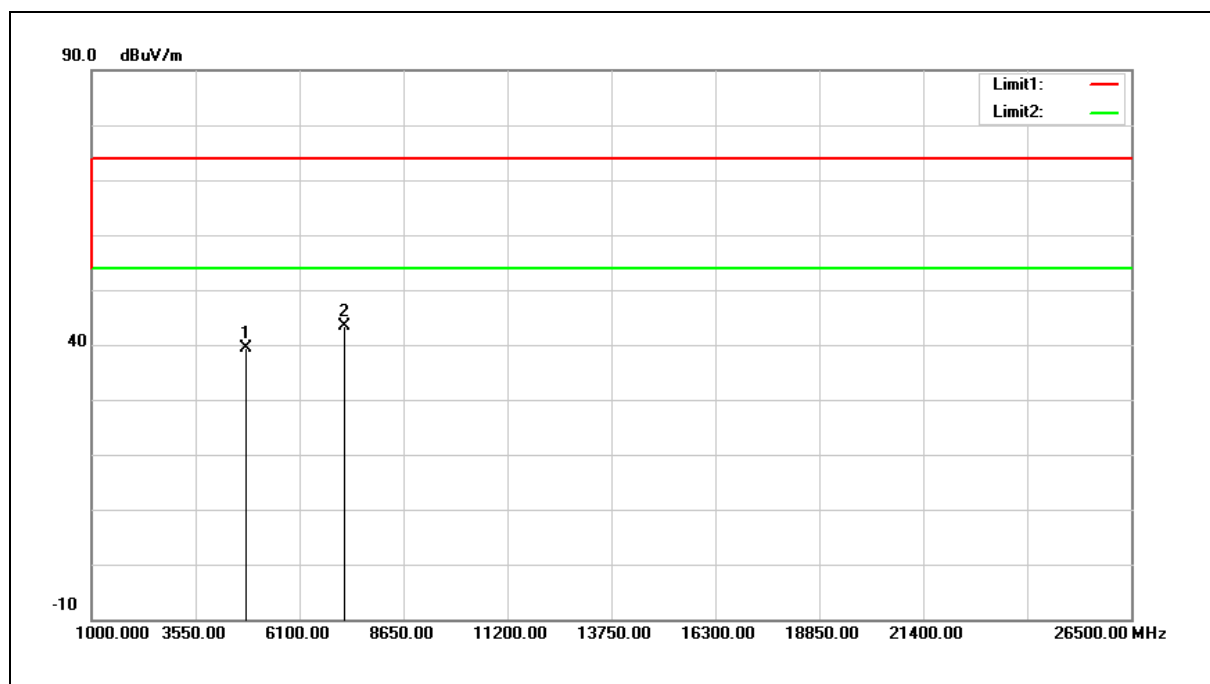
Example: $34.41 = -24.47 + 58.88$.

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.

場強輻射量測 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3m
Test item:	Harmonic		
Frequency:	2402 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	4804.000	40.60	-1.30	39.30	74.00	-34.70	peak
2	7206.000	37.66	5.74	43.40	74.00	-30.60	peak

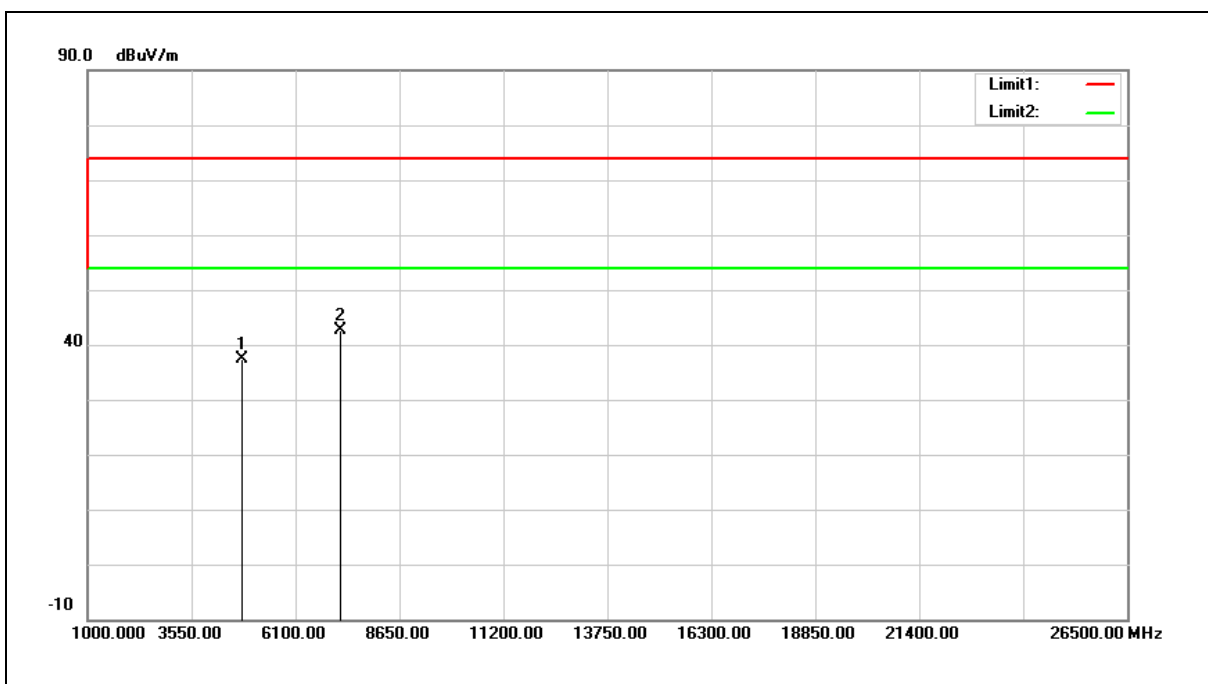
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $39.30 = -1.30 + 40.60$.

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:	3m
Test item:	Harmonic		
Frequency:	2402 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	4804.000	38.58	-1.30	37.28	74.00	-36.72	peak
2	7206.000	37.00	5.74	42.74	74.00	-31.26	peak

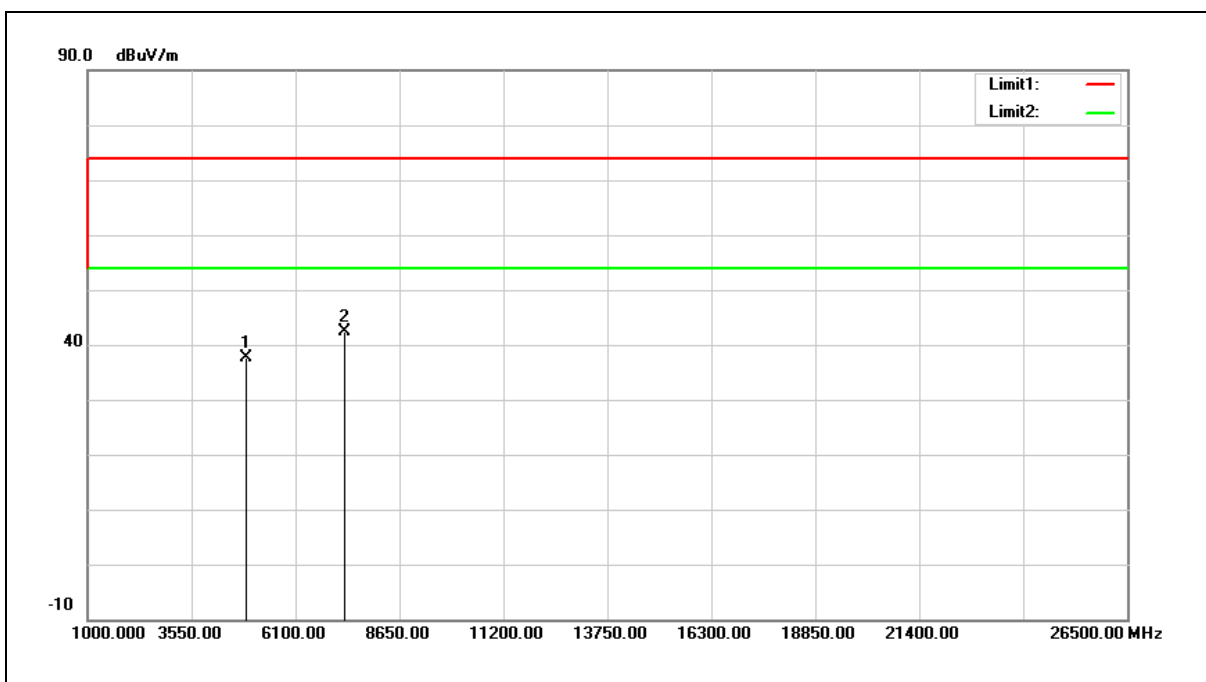
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $37.28 = -1.30 + 38.58$.

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:	3m
Test item:	Harmonic		
Frequency:	2440 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



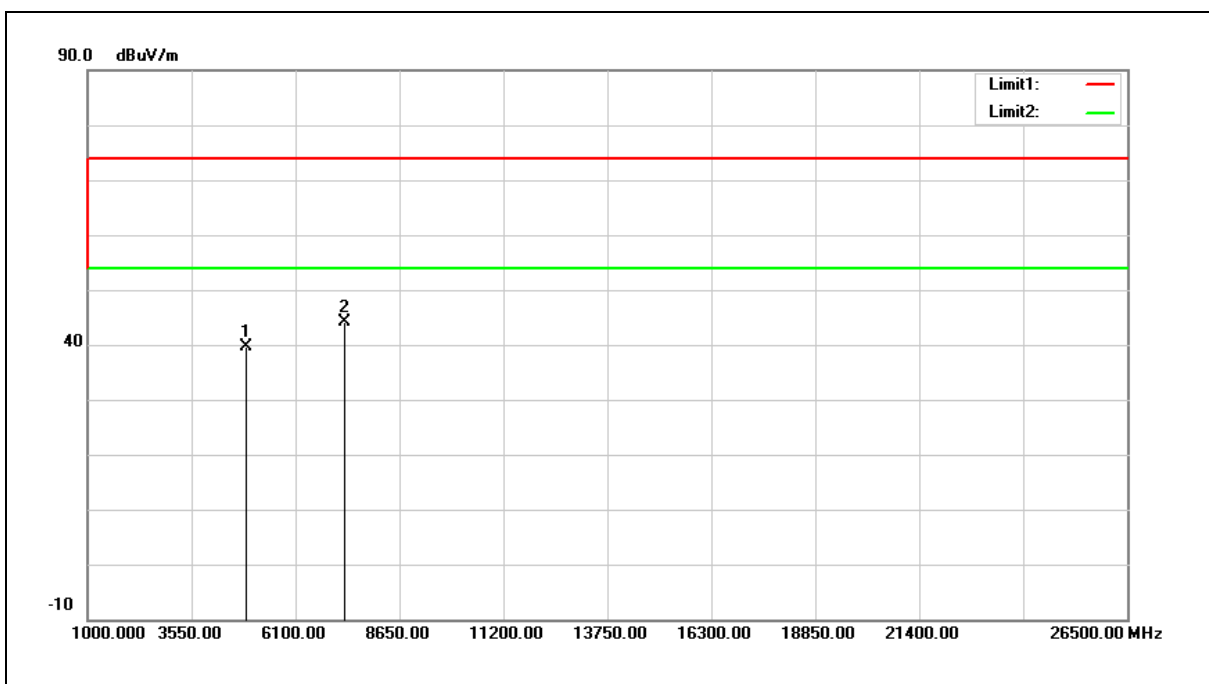
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	38.78	-1.11	37.67	74.00	-36.33	peak
2	7320.000	36.16	6.15	42.31	74.00	-31.69	peak

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:	3m
Test item:	Harmonic		
Frequency:	2440 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



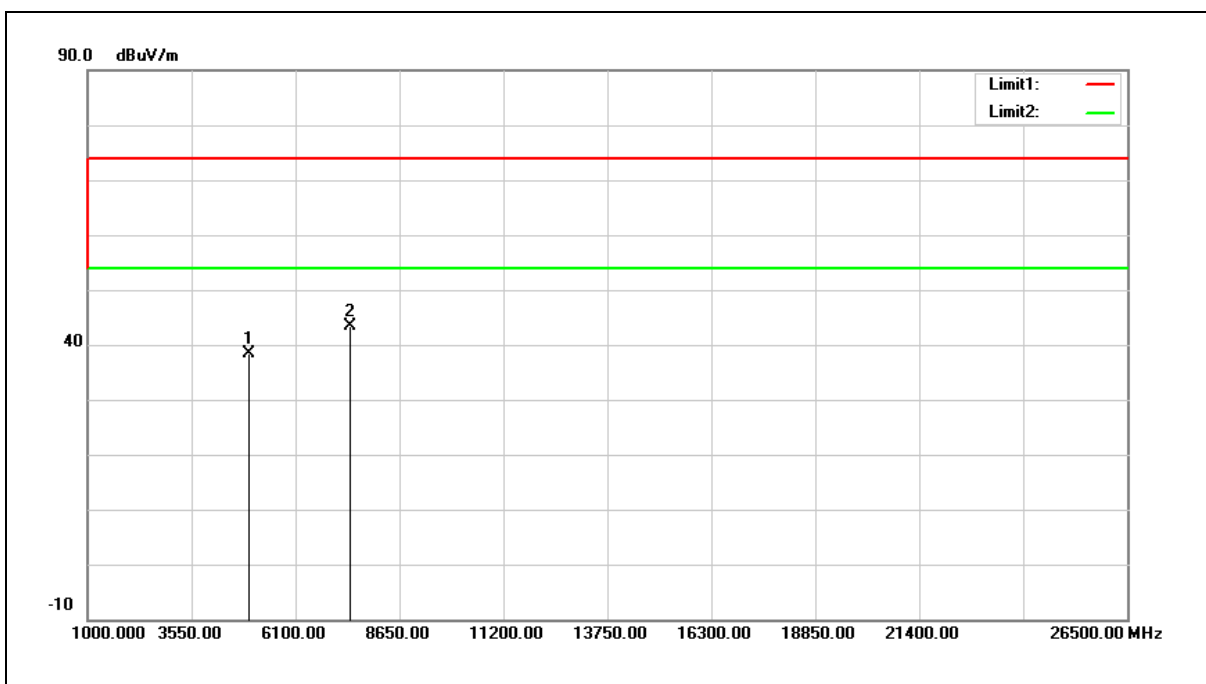
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	40.81	-1.11	39.70	74.00	-34.30	peak
2	7320.000	37.88	6.15	44.03	74.00	-29.97	peak

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:	3m
Test item:	Harmonic		
Frequency:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



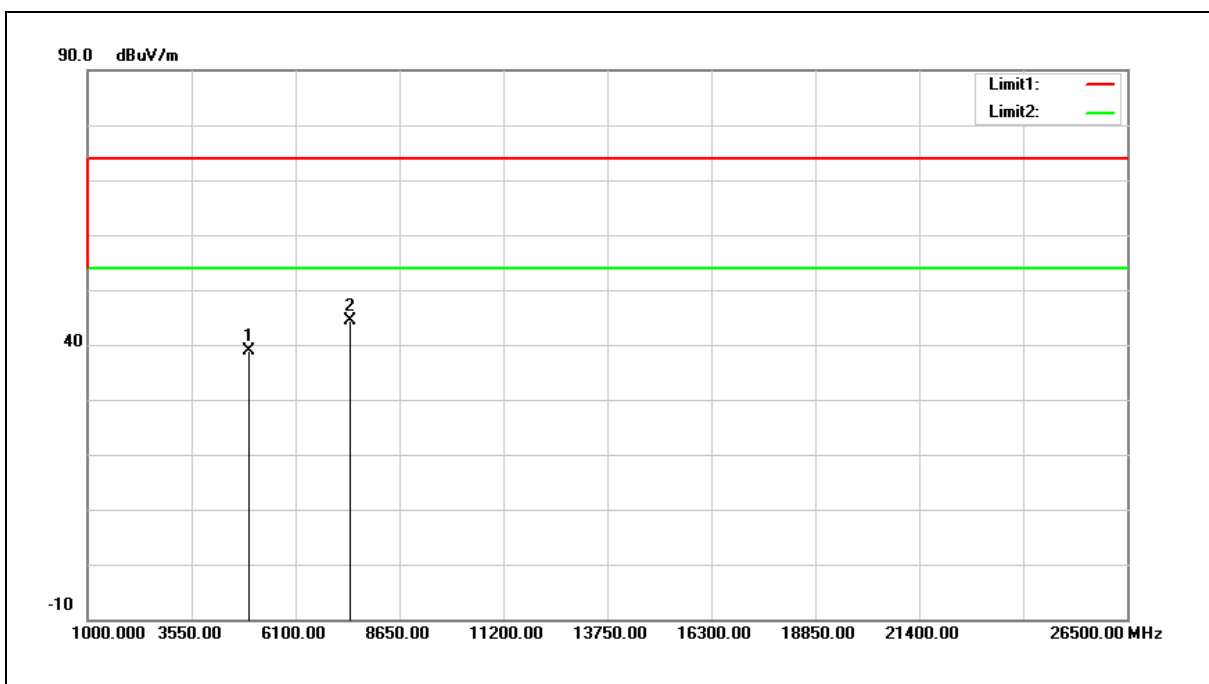
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	39.30	-0.88	38.42	74.00	-35.58	peak
2	7440.000	36.79	6.56	43.35	74.00	-30.65	peak

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:	3m
Test item:	Harmonic		
Frequency:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



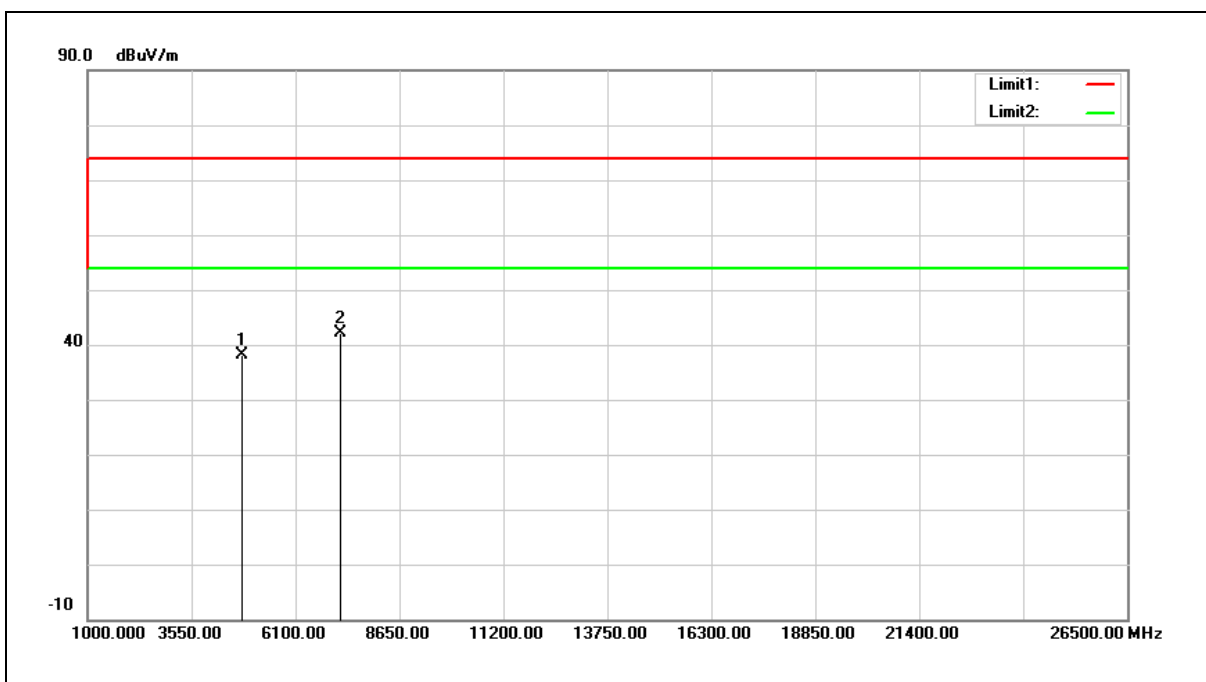
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	39.72	-0.88	38.84	74.00	-35.16	peak
2	7440.000	37.77	6.56	44.33	74.00	-29.67	peak

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:	3m
Test item:	Harmonic		
Frequency:	2402 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



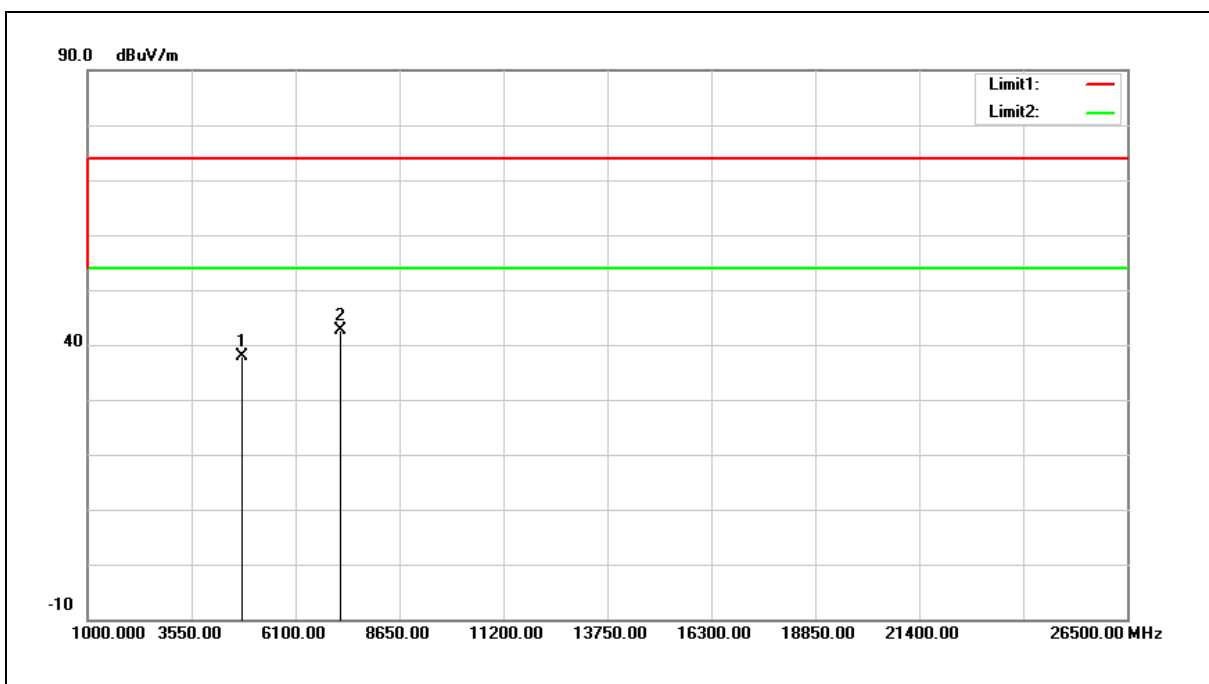
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	39.31	-1.30	38.01	74.00	-35.99	peak
2	7206.000	36.28	5.74	42.02	74.00	-31.98	peak

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:	3m
Test item:	Harmonic		
Frequency:	2402 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



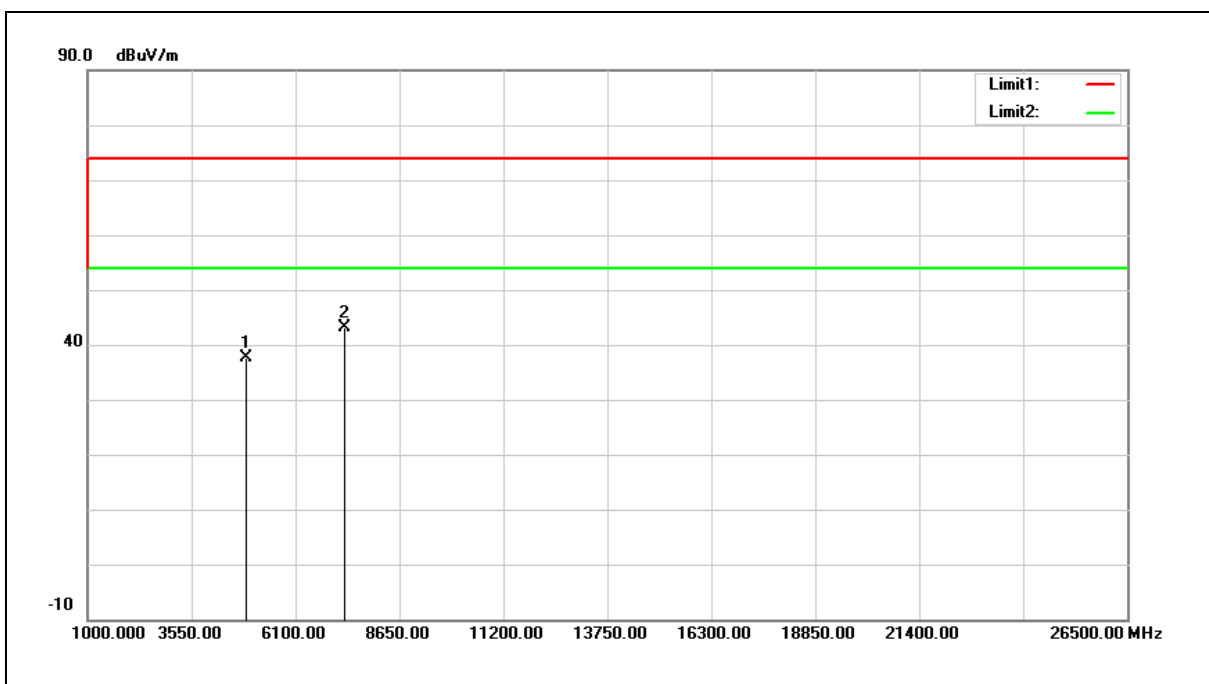
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	39.06	-1.30	37.76	74.00	-36.24	peak
2	7206.000	36.85	5.74	42.59	74.00	-31.41	peak

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:	3m
Test item:	Harmonic		
Frequency:	2440 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



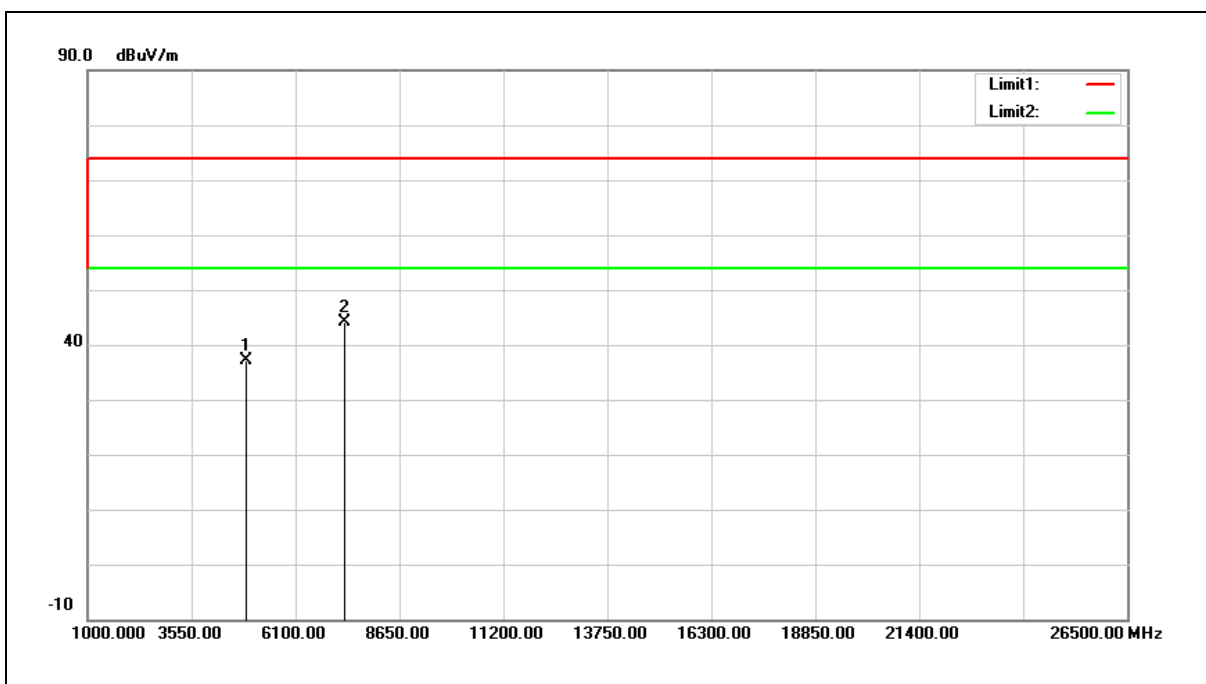
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	38.68	-1.11	37.57	74.00	-36.43	peak
2	7320.000	36.95	6.15	43.10	74.00	-30.90	peak

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:	3m
Test item:	Harmonic		
Frequency:	2440 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



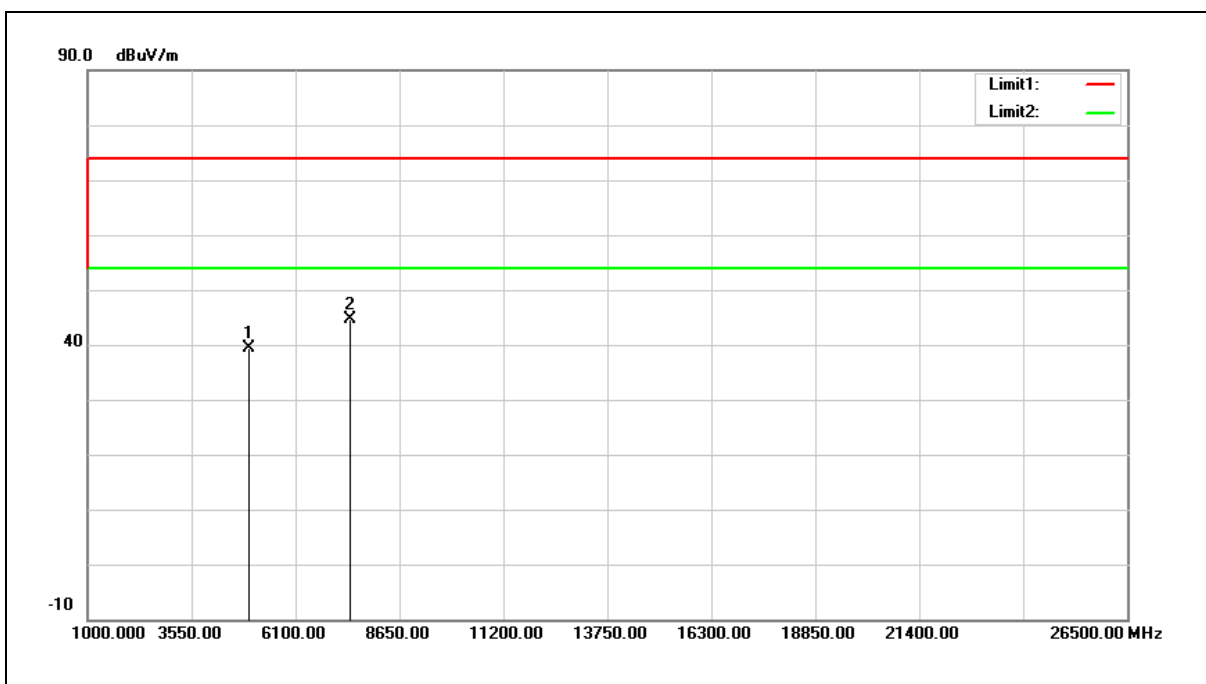
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	38.29	-1.11	37.18	74.00	-36.82	peak
2	7320.000	37.86	6.15	44.01	74.00	-29.99	peak

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:	3m
Test item:	Harmonic		
Frequency:	2480 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



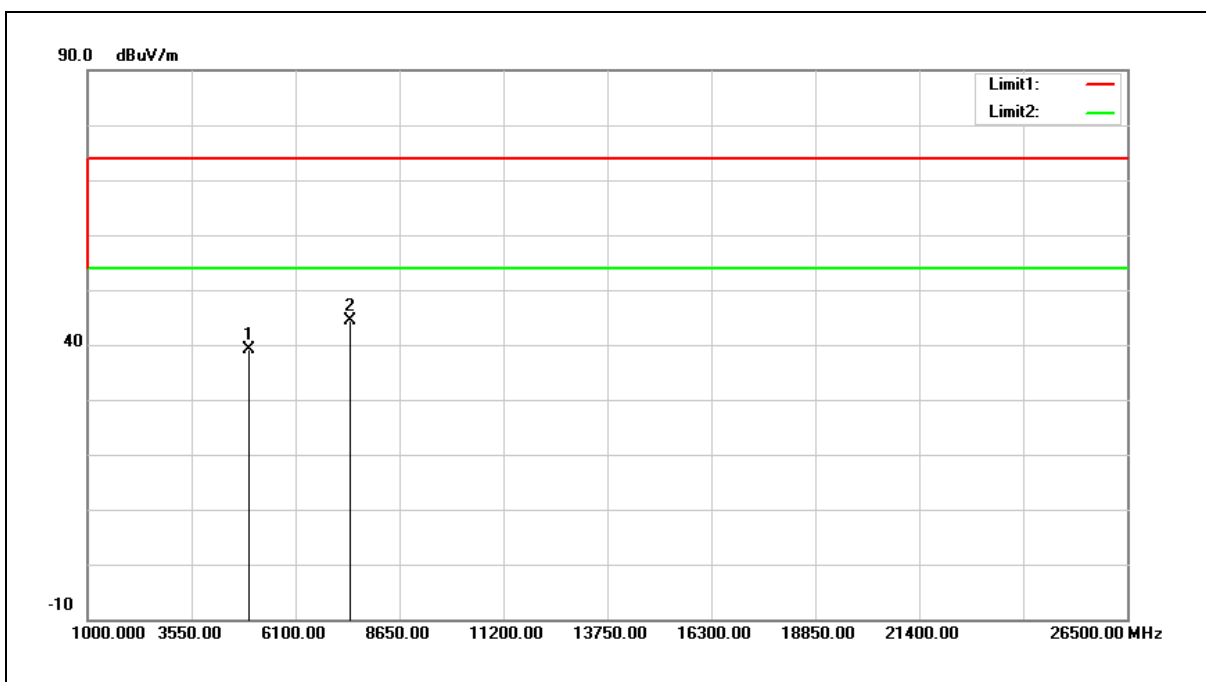
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	40.36	-0.88	39.48	74.00	-34.52	peak
2	7440.000	38.12	6.56	44.68	74.00	-29.32	peak

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:	3m
Test item:	Harmonic		
Frequency:	2480 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



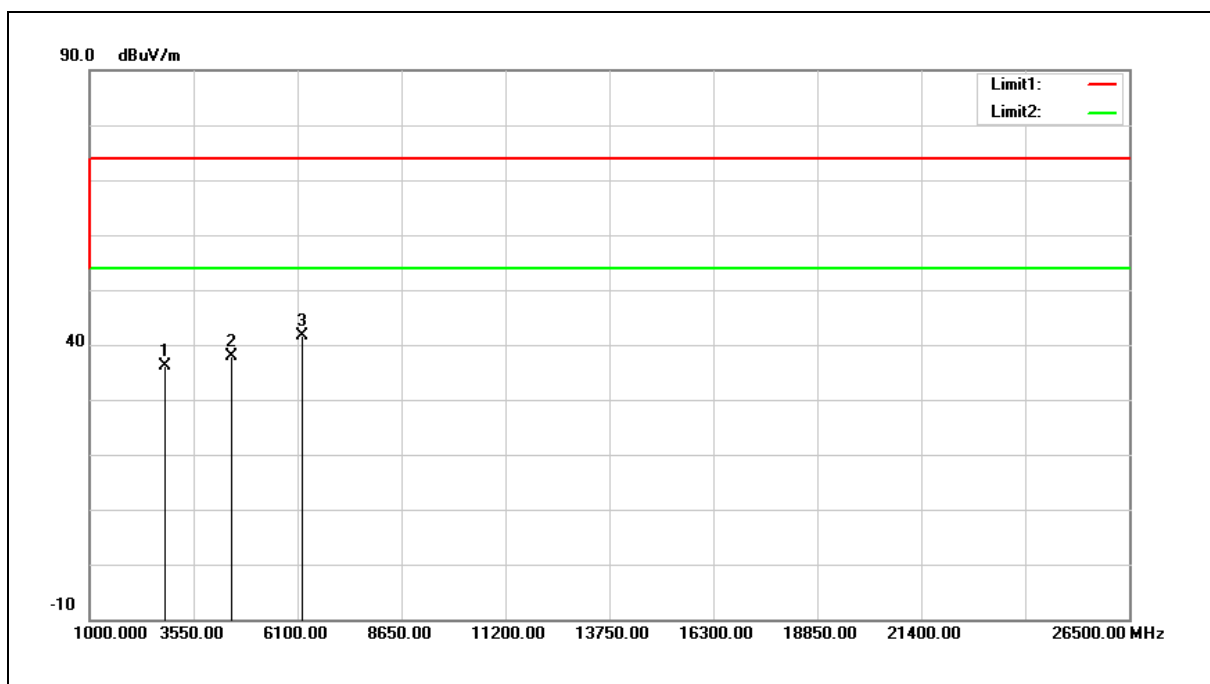
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	40.03	-0.88	39.15	74.00	-34.85	peak
2	7440.000	37.89	6.56	44.45	74.00	-29.55	peak

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:	3m
Test item:	Harmonic		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		
Description:			



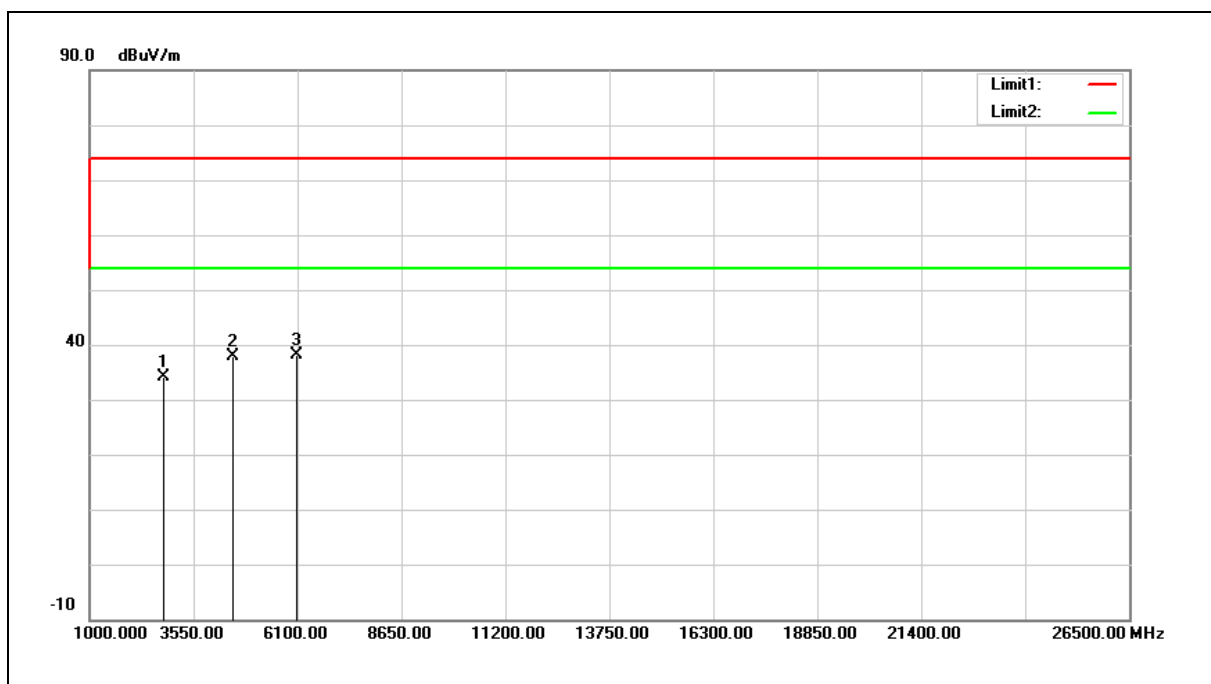
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2836.000	41.94	-5.91	36.03	74.00	-37.97	peak
2	4468.000	40.10	-2.23	37.87	74.00	-36.13	peak
3	6219.000	39.16	2.35	41.51	74.00	-32.49	peak

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:	3m
Test item:	Harmonic		
Mode:	Mode 4		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2819.000	39.99	-5.98	34.01	74.00	-39.99	peak
2	4502.000	40.06	-2.14	37.92	74.00	-36.08	peak
3	6083.000	36.28	1.86	38.14	74.00	-35.86	peak

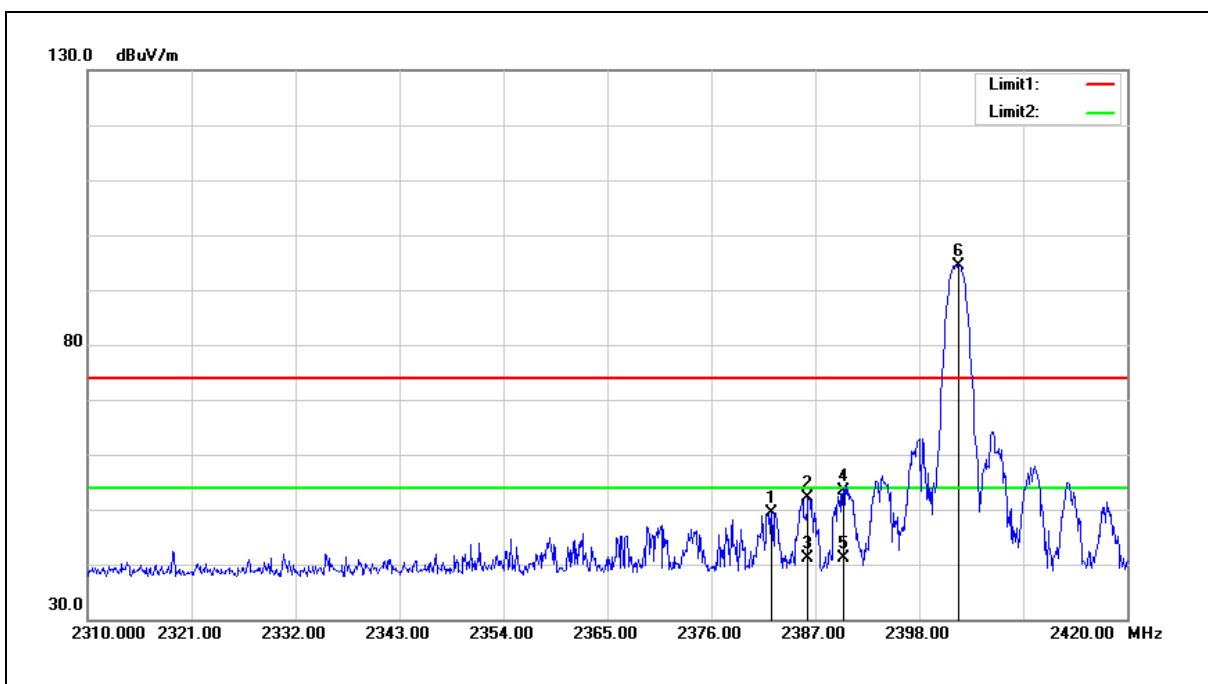
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

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Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



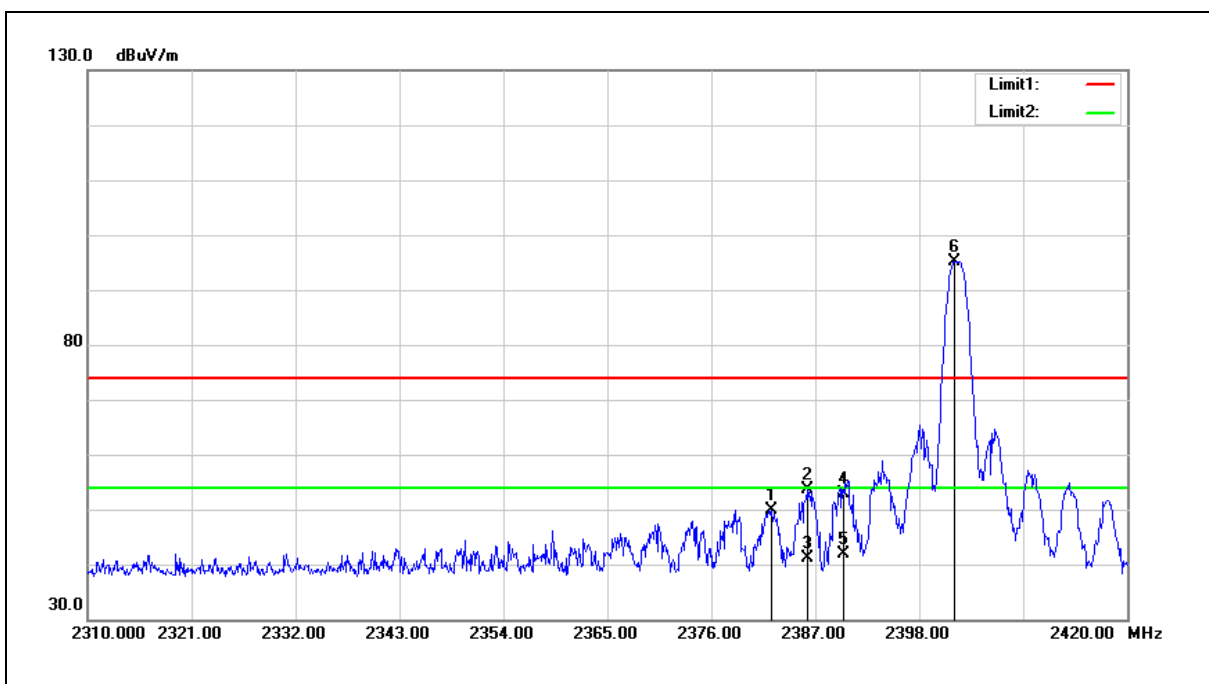
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.380	57.17	-7.75	49.42	74.00	-24.58	peak
2	2386.230	59.86	-7.73	52.13	74.00	-21.87	peak
3	2386.230	48.86	-7.73	41.13	54.00	-12.87	AVG
4	2390.000	61.21	-7.72	53.49	74.00	-20.51	peak
5	2390.000	48.88	-7.72	41.16	54.00	-12.84	AVG
6	2402.180	102.02	-7.66	94.36	--	--	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:	3m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



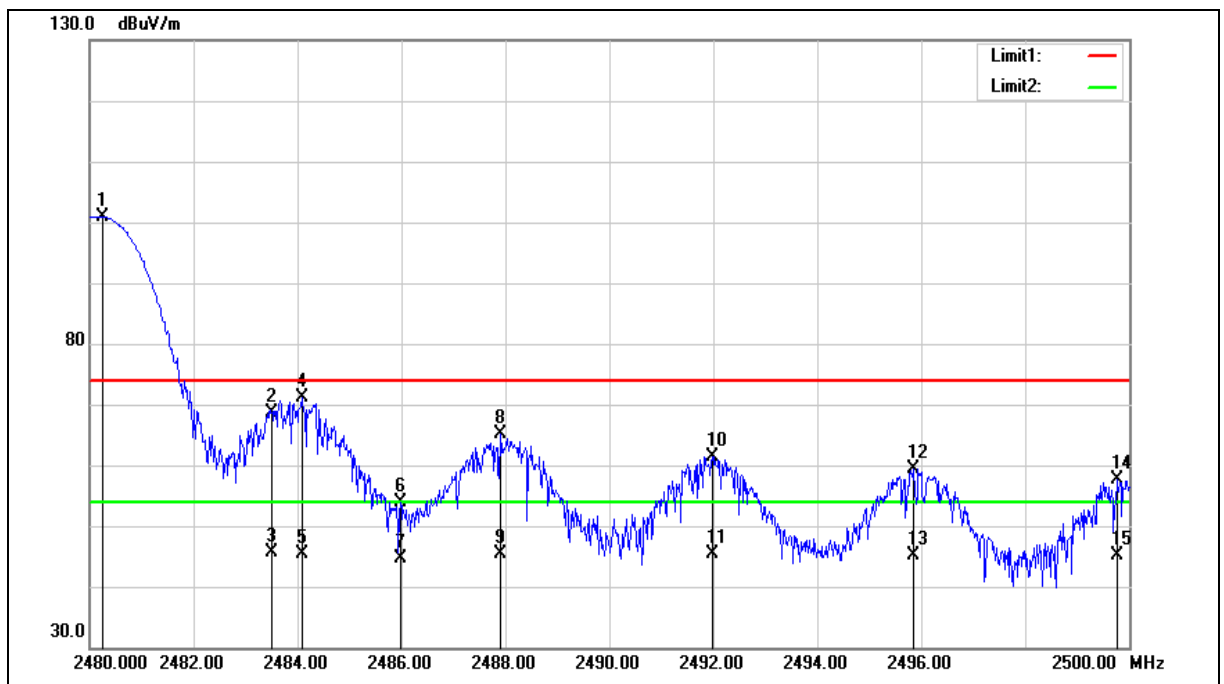
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.380	57.56	-7.75	49.81	74.00	-24.19	peak
2	2386.120	61.32	-7.73	53.59	74.00	-20.41	peak
3	2386.120	48.82	-7.73	41.09	54.00	-12.91	AVG
4	2390.000	60.61	-7.72	52.89	74.00	-21.11	peak
5	2390.000	49.53	-7.72	41.81	54.00	-12.19	AVG
6	2401.740	102.75	-7.66	95.09	--	--	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:	3m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

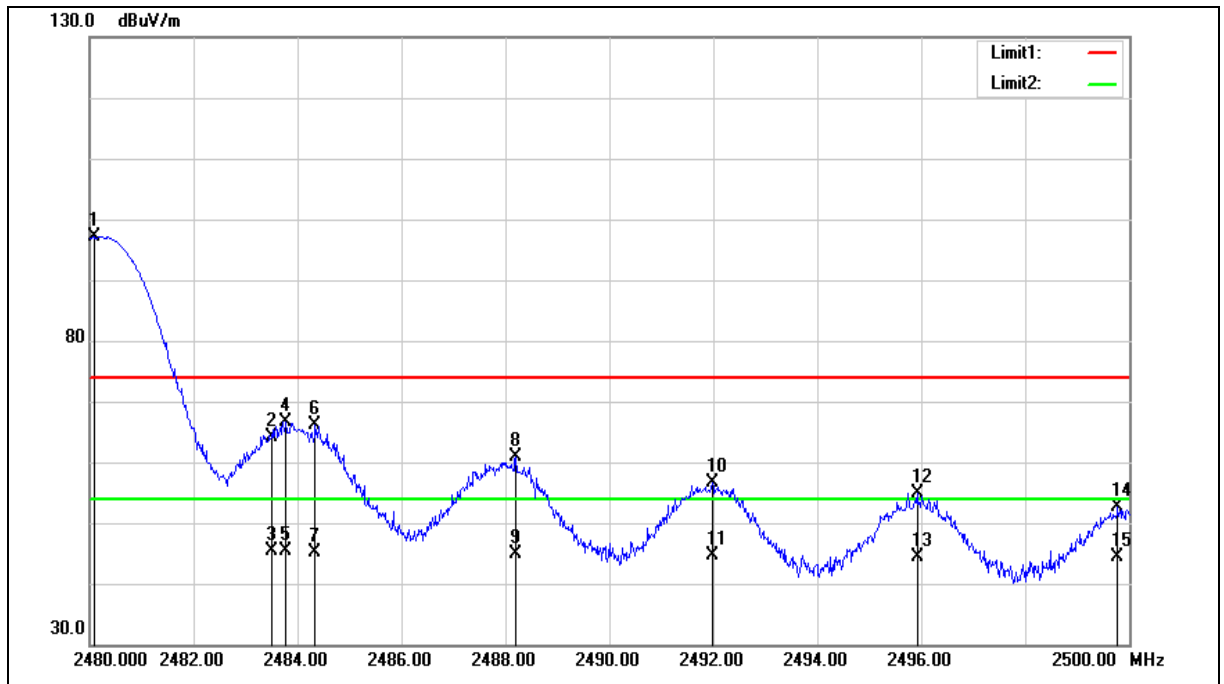
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.260	108.28	-7.35	100.93	--	--	peak
2	2483.500	76.03	-7.34	68.69	74.00	-5.31	peak
3	2483.500	52.98	-7.34	45.64	54.00	-8.36	AVG
4	2484.080	78.52	-7.34	71.18	74.00	-2.82	peak
5	2484.080	52.77	-7.34	45.43	54.00	-8.57	AVG
6	2485.980	61.27	-7.32	53.95	74.00	-20.05	peak
7	2485.980	51.92	-7.32	44.60	54.00	-9.40	AVG
8	2487.900	72.40	-7.32	65.08	74.00	-8.92	peak
9	2487.900	52.60	-7.32	45.28	54.00	-8.72	AVG
10	2491.980	68.80	-7.30	61.50	74.00	-12.50	peak
11	2491.980	52.58	-7.30	45.28	54.00	-8.72	AVG
12	2495.860	66.60	-7.28	59.32	74.00	-14.68	peak
13	2495.860	52.46	-7.28	45.18	54.00	-8.82	AVG
14	2499.780	64.82	-7.27	57.55	74.00	-16.45	peak
15	2499.780	52.36	-7.27	45.09	54.00	-8.91	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:	3m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		

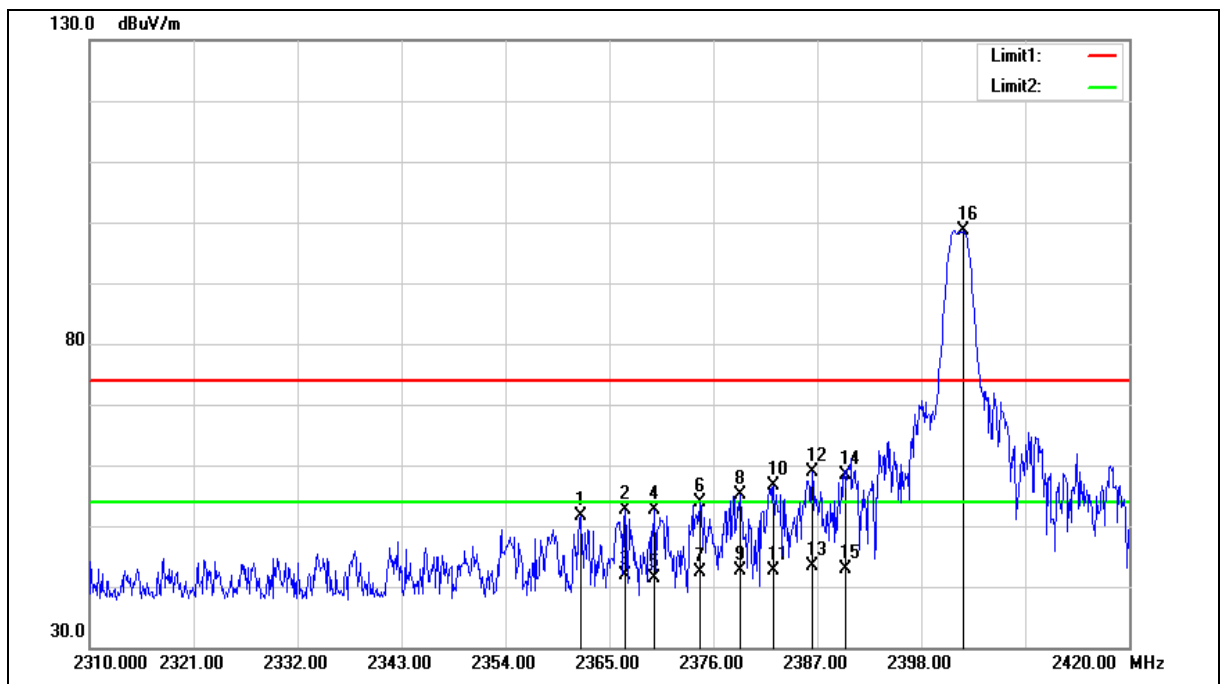
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.100	104.43	-7.35	97.08	--	--	peak
2	2483.500	71.46	-7.34	64.12	74.00	-9.88	peak
3	2483.500	52.75	-7.34	45.41	54.00	-8.59	AVG
4	2483.780	74.03	-7.34	66.69	74.00	-7.31	peak
5	2483.780	52.81	-7.34	45.47	54.00	-8.53	AVG
6	2484.340	73.41	-7.34	66.07	74.00	-7.93	peak
7	2484.340	52.41	-7.34	45.07	54.00	-8.93	AVG
8	2488.200	68.15	-7.32	60.83	74.00	-13.17	peak
9	2488.200	52.20	-7.32	44.88	54.00	-9.12	AVG
10	2491.980	63.92	-7.30	56.62	74.00	-17.38	peak
11	2491.980	51.81	-7.30	44.51	54.00	-9.49	AVG
12	2495.920	62.22	-7.28	54.94	74.00	-19.06	peak
13	2495.920	51.61	-7.28	44.33	54.00	-9.67	AVG
14	2499.780	59.98	-7.27	52.71	74.00	-21.29	peak
15	2499.780	51.55	-7.27	44.28	54.00	-9.72	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:	3m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

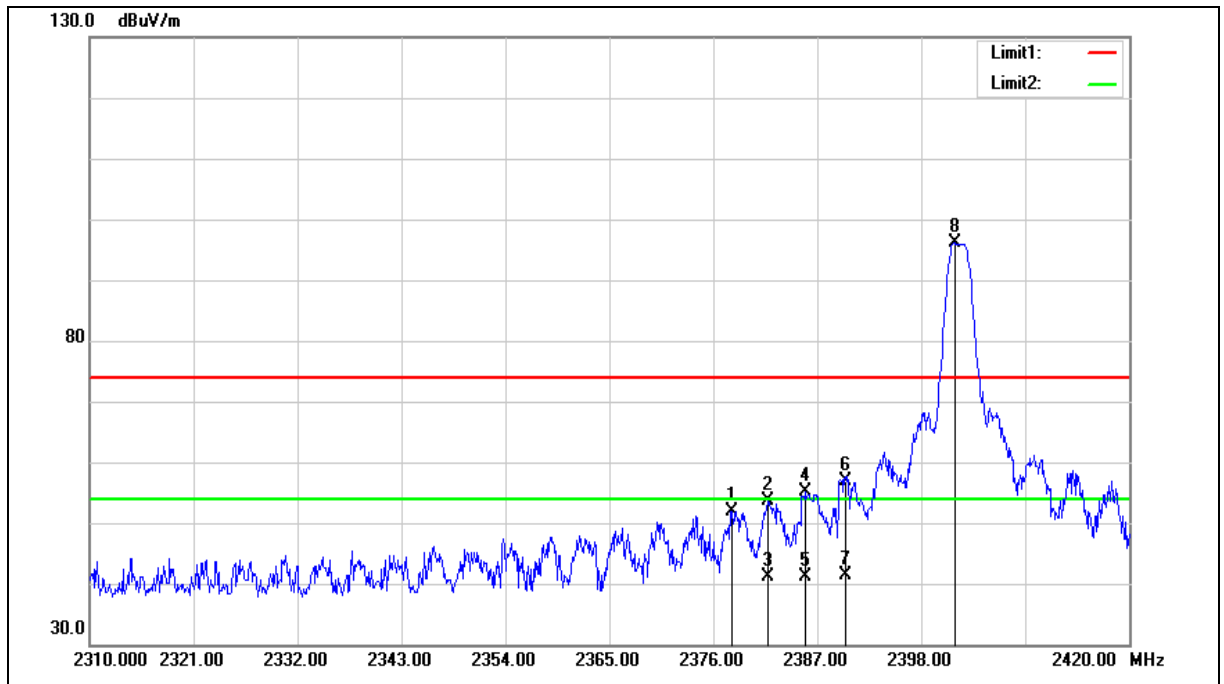
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2361.920	59.34	-7.83	51.51	74.00	-22.49	peak
2	2366.650	60.53	-7.82	52.71	74.00	-21.29	peak
3	2366.650	49.66	-7.82	41.84	54.00	-12.16	AVG
4	2369.730	60.49	-7.80	52.69	74.00	-21.31	peak
5	2369.730	49.11	-7.80	41.31	54.00	-12.69	AVG
6	2374.570	61.62	-7.78	53.84	74.00	-20.16	peak
7	2374.570	50.09	-7.78	42.31	54.00	-11.69	AVG
8	2378.860	62.88	-7.76	55.12	74.00	-18.88	peak
9	2378.860	50.51	-7.76	42.75	54.00	-11.25	AVG
10	2382.380	64.31	-7.75	56.56	74.00	-17.44	peak
11	2382.380	50.41	-7.75	42.66	54.00	-11.34	AVG
12	2386.450	66.65	-7.73	58.92	74.00	-15.08	peak
13	2386.450	51.13	-7.73	43.40	54.00	-10.60	AVG
14	2390.000	66.18	-7.72	58.46	74.00	-15.54	peak
15	2390.000	50.57	-7.72	42.85	54.00	-11.15	AVG
16	2402.510	106.38	-7.66	98.72	--	--	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:	3m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		

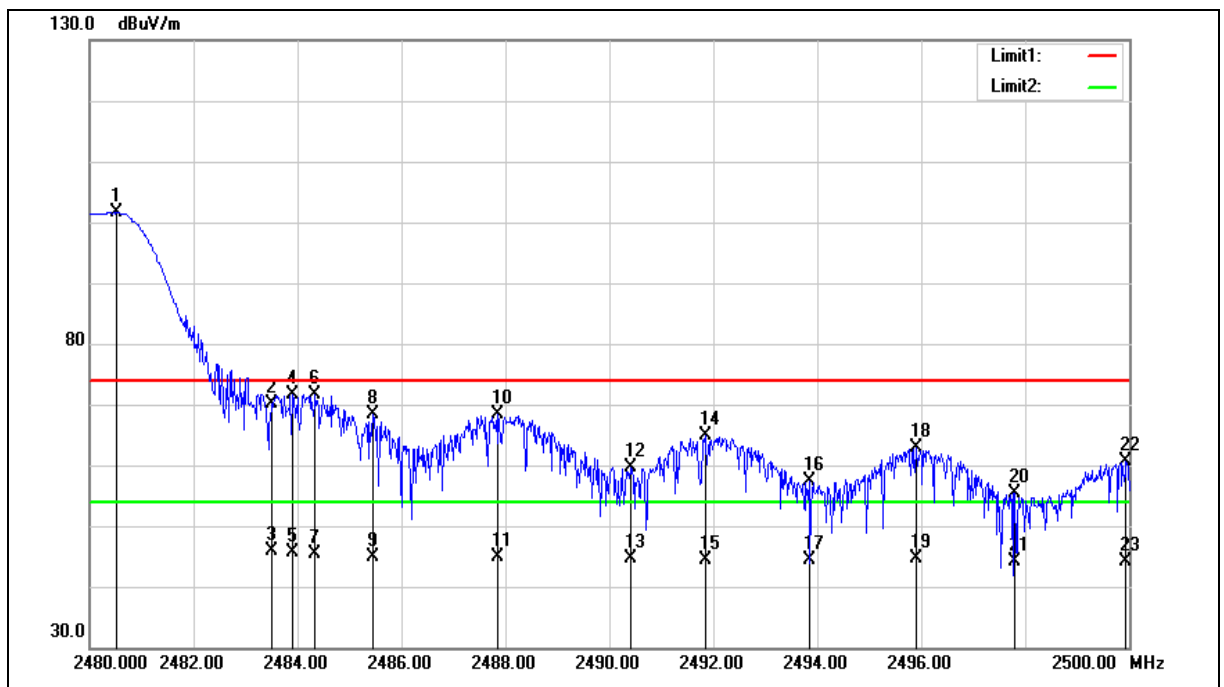
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2377.980	59.68	-7.77	51.91	74.00	-22.09	peak
2	2381.830	61.31	-7.75	53.56	74.00	-20.44	peak
3	2381.830	48.92	-7.75	41.17	54.00	-12.83	AVG
4	2385.790	62.89	-7.73	55.16	74.00	-18.84	peak
5	2385.790	48.95	-7.73	41.22	54.00	-12.78	AVG
6	2390.000	64.59	-7.72	56.87	74.00	-17.13	peak
7	2390.000	49.21	-7.72	41.49	54.00	-12.51	AVG
8	2401.520	103.79	-7.67	96.12	--	--	peak

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

2.Corrected 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:	3m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

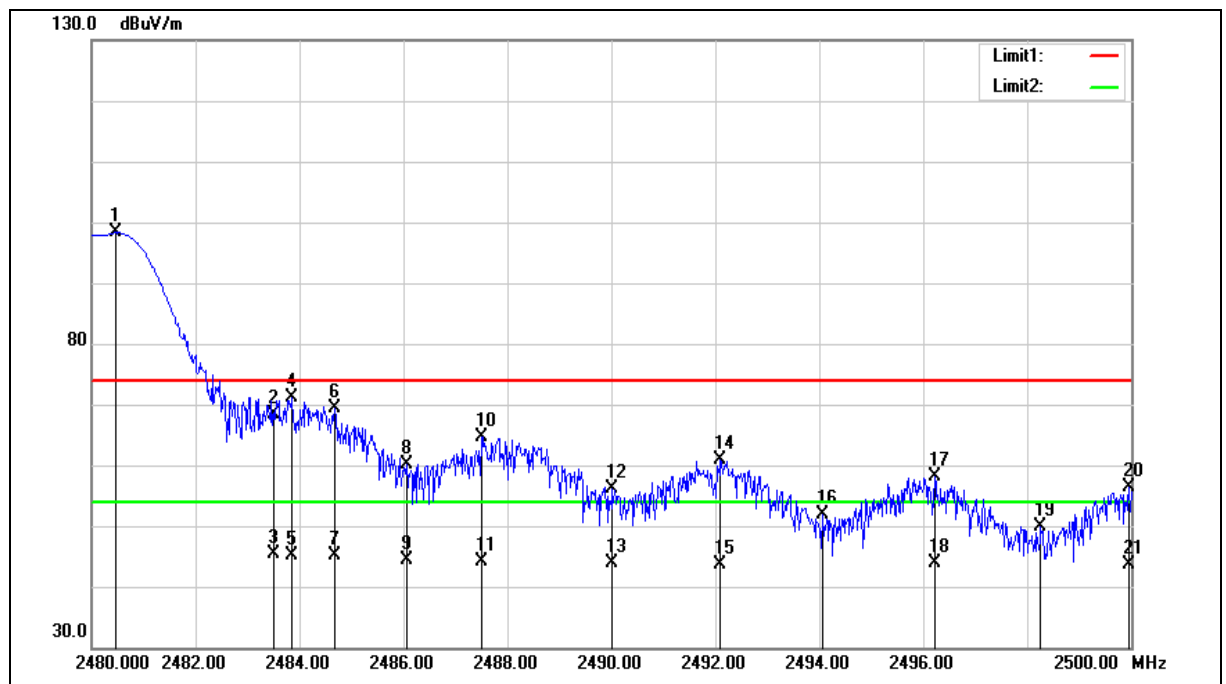
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.520	109.04	-7.35	101.69	--	--	peak
2	2483.500	77.36	-7.34	70.02	74.00	-3.98	peak
3	2483.500	53.17	-7.34	45.83	54.00	-8.17	AVG
4	2483.900	79.06	-7.34	71.72	74.00	-2.28	peak
5	2483.900	52.88	-7.34	45.54	54.00	-8.46	AVG
6	2484.340	78.99	-7.34	71.65	74.00	-2.35	peak
7	2484.340	52.70	-7.34	45.36	54.00	-8.64	AVG
8	2485.440	75.62	-7.32	68.30	74.00	-5.70	peak
9	2485.440	52.27	-7.32	44.95	54.00	-9.05	AVG
10	2487.860	75.62	-7.32	68.30	74.00	-5.70	peak
11	2487.860	52.16	-7.32	44.84	54.00	-9.16	AVG
12	2490.400	66.98	-7.31	59.67	74.00	-14.33	peak
13	2490.400	51.96	-7.31	44.65	54.00	-9.35	AVG
14	2491.840	72.21	-7.30	64.91	74.00	-9.09	peak
15	2491.840	51.79	-7.30	44.49	54.00	-9.51	AVG
16	2493.840	64.73	-7.29	57.44	74.00	-16.56	peak
17	2493.840	51.55	-7.29	44.26	54.00	-9.74	AVG
18	2495.900	70.11	-7.28	62.83	74.00	-11.17	peak
19	2495.900	51.79	-7.28	44.51	54.00	-9.49	AVG
20	2497.800	62.61	-7.28	55.33	74.00	-18.67	peak
21	2497.800	51.35	-7.28	44.07	54.00	-9.93	AVG
22	2499.940	67.86	-7.27	60.59	74.00	-13.41	peak
23	2499.940	51.35	-7.27	44.08	54.00	-9.92	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:	3m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	2480 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	2480.460	105.62	-7.35	98.27	--	--	peak
2	2483.500	75.65	-7.34	68.31	74.00	-5.69	peak
3	2483.500	52.62	-7.34	45.28	54.00	-8.72	AVG
4	2483.860	78.38	-7.34	71.04	74.00	-2.96	peak
5	2483.860	52.49	-7.34	45.15	54.00	-8.85	AVG
6	2484.680	76.69	-7.34	69.35	74.00	-4.65	peak
7	2484.680	52.42	-7.34	45.08	54.00	-8.92	AVG
8	2486.060	67.51	-7.32	60.19	74.00	-13.81	peak
9	2486.060	51.74	-7.32	44.42	54.00	-9.58	AVG
10	2487.500	71.88	-7.32	64.56	74.00	-9.44	peak
11	2487.500	51.44	-7.32	44.12	54.00	-9.88	AVG
12	2490.020	63.54	-7.31	56.23	74.00	-17.77	peak
13	2490.020	51.31	-7.31	44.00	54.00	-10.00	AVG
14	2492.100	68.14	-7.30	60.84	74.00	-13.16	peak
15	2492.100	50.99	-7.30	43.69	54.00	-10.31	AVG
16	2494.060	59.18	-7.29	51.89	74.00	-22.11	peak
17	2496.220	65.43	-7.28	58.15	74.00	-15.85	peak
18	2496.220	51.15	-7.28	43.87	54.00	-10.13	AVG
19	2498.260	57.04	-7.28	49.76	74.00	-24.24	peak
20	2499.960	63.76	-7.27	56.49	74.00	-17.51	peak
21	2499.960	51.01	-7.27	43.74	54.00	-10.26	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.

Annex C. Conducted Test Results

輸出峰值功率之量測

操作模式 : Mode 2: LE, GFSK Continuous TX Mode					
頻道	輸出功率(Average)		輸出功率(Peak)		限制值
	dBm	W	dBm	W	W
低頻道	1.72	0.00149	1.96	0.00157	≤ 1
中頻道	0.97	0.00125	1.28	0.00134	≤ 1
高頻道	0.51	0.00112	0.60	0.00115	≤ 1

操作模式 : Mode 3: 2LE, GFSK Continuous TX Mode					
頻道	輸出功率(Average)		輸出功率(Peak)		限制值
	dBm	W	dBm	W	W
低頻道	3.43	0.00220	3.88	0.00244	≤ 1
中頻道	2.55	0.00180	2.91	0.00195	≤ 1
高頻道	1.92	0.00156	2.42	0.00175	≤ 1

非必要頻帶之量測

Out of Band Conducted Spurious Emission

Mode 2: LE, GFSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 3: 2LE, GFSK Continuous TX Mode

低頻道



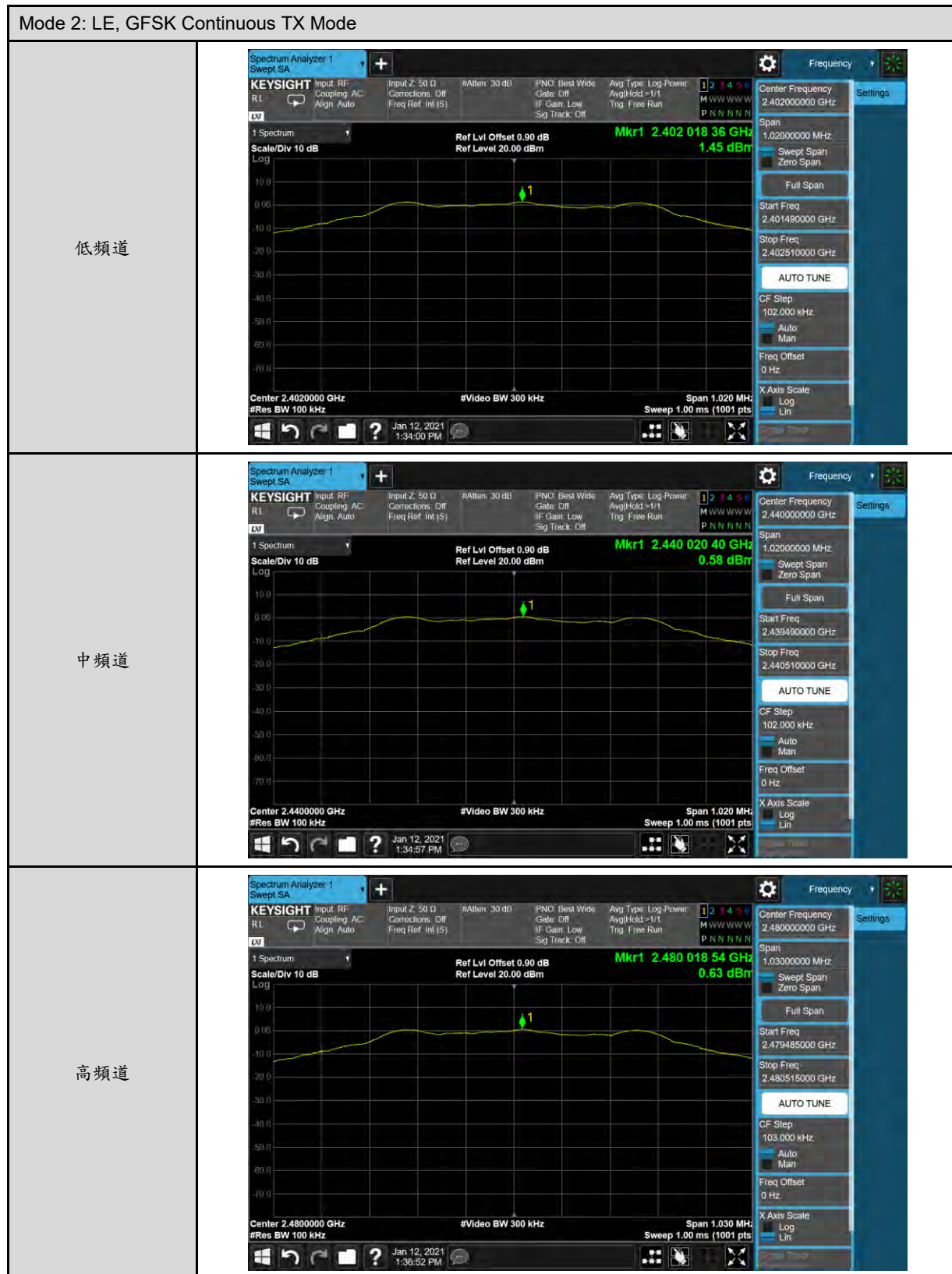
中頻道



高頻道



Reference level



Mode 3: 2LE, GFSK Continuous TX Mode

低頻道



中頻道



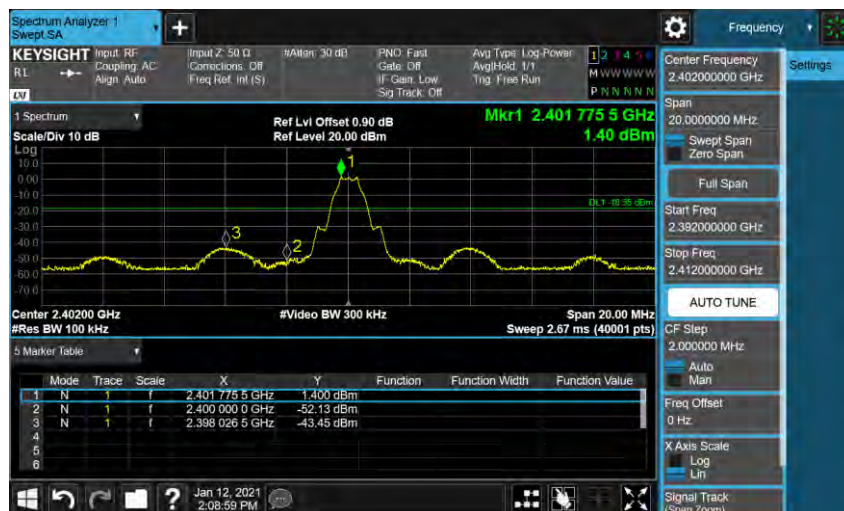
高頻道



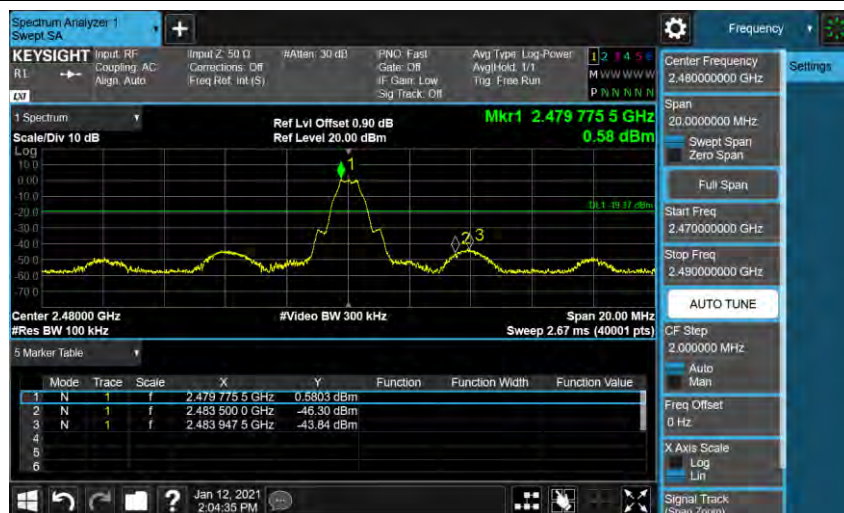
Conducted Band Edge

Mode 2: LE, GFSK Continuous TX Mode

低頻道

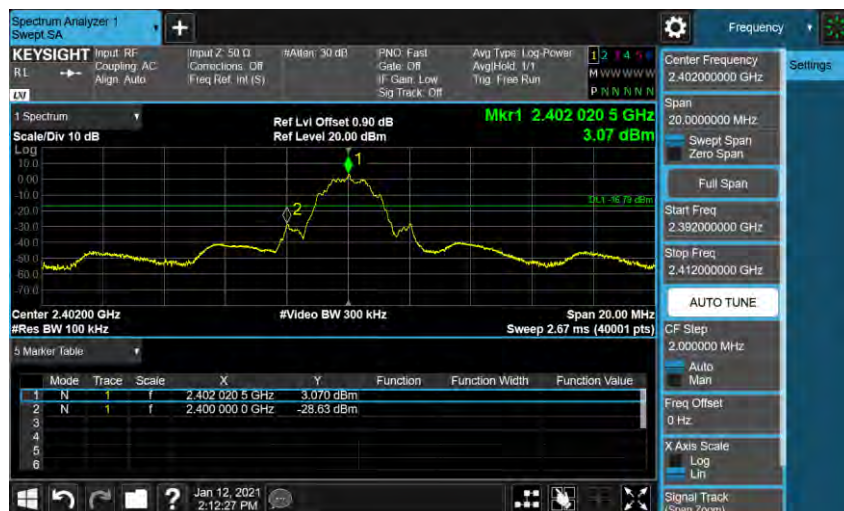


高頻道



Mode 3: 2LE, GFSK Continuous TX Mode

低頻道

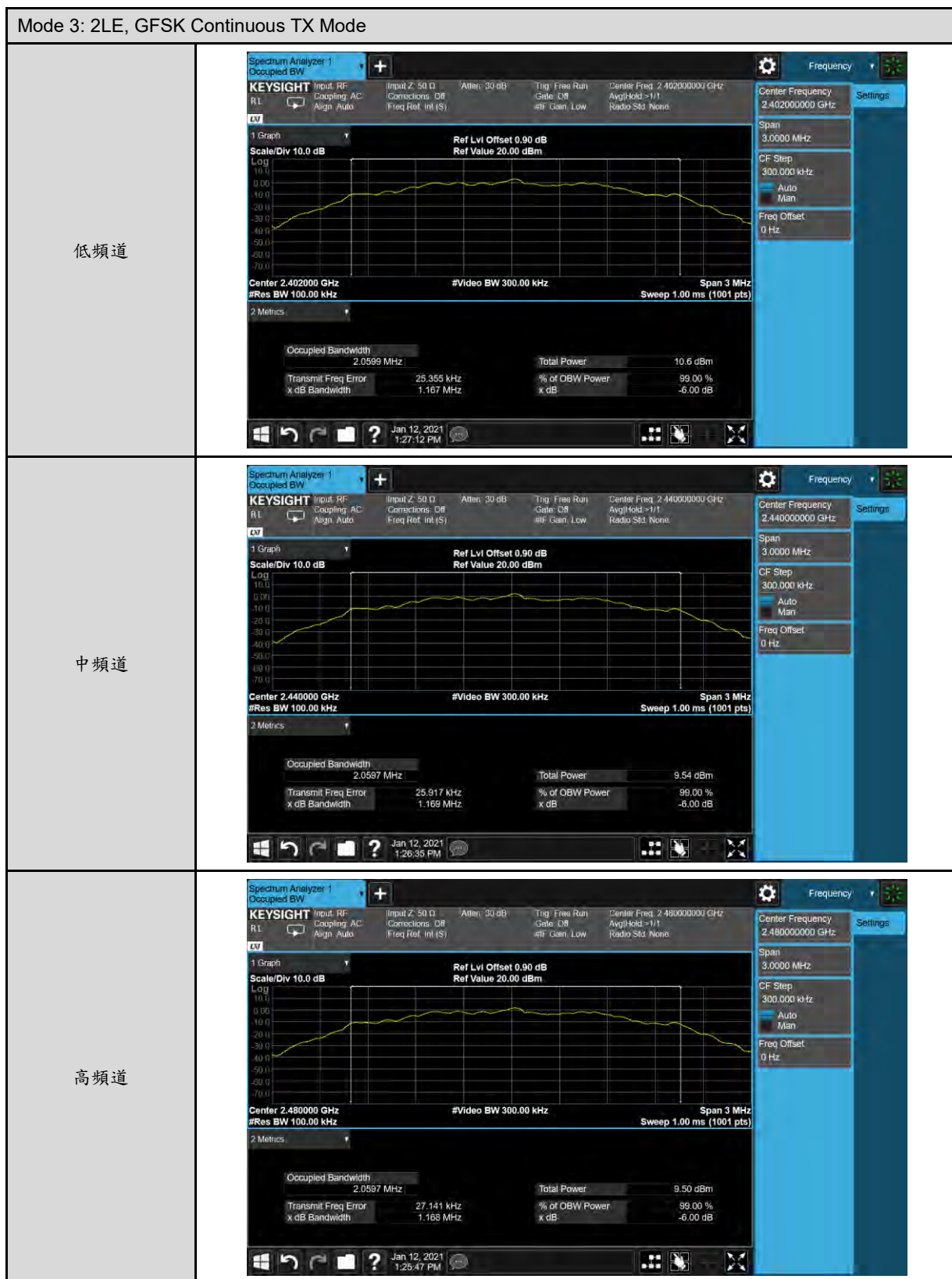


高頻道



發射頻寬之要求

操作模式 : Mode 2: LE, GFSK Continuous TX Mode Mode 3: 2LE, GFSK Continuous TX Mode			
操作模式	頻道	發射頻寬(6dB)	
		量測值 (kHz)	限制值 (kHz)
Mode 2	低頻道	678.200	≥ 500
	中頻道	675.100	≥ 500
	高頻道	681.800	≥ 500
Mode 3	低頻道	1167.000	≥ 500
	中頻道	1169.000	≥ 500
	高頻道	1168.000	≥ 500



功率密度之要求

操作模式 : Mode 2: LE, GFSK Continuous TX Mode Mode 3: 2LE, GFSK Continuous TX Mode			
操作模式	頻道	量測值 (dBm/3 kHz)	限制值 (dBm/3 kHz)
Mode 2	低頻道	-10.730	≤ 8
	中頻道	-11.650	≤ 8
	高頻道	-11.540	≤ 8
Mode 3	低頻道	-13.830	≤ 8
	中頻道	-14.990	≤ 8
	高頻道	-15.010	≤ 8

Mode 2: LE, GFSK Continuous TX Mode

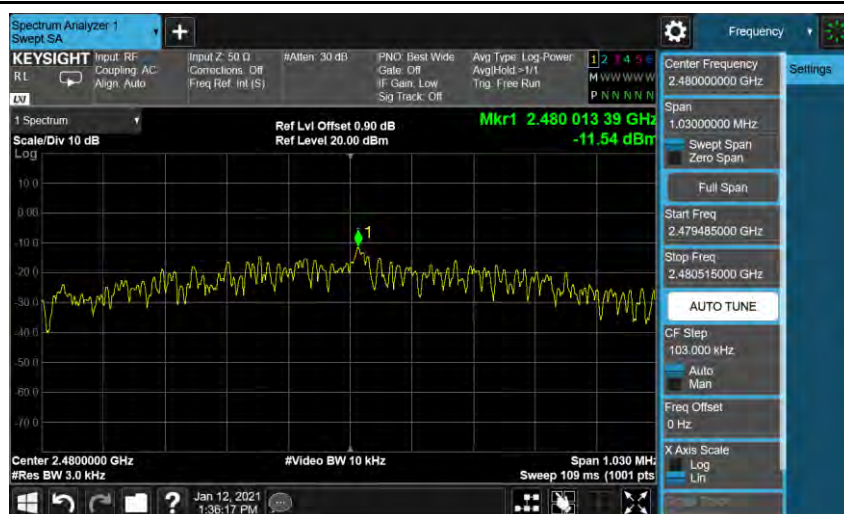
低頻道



中頻道

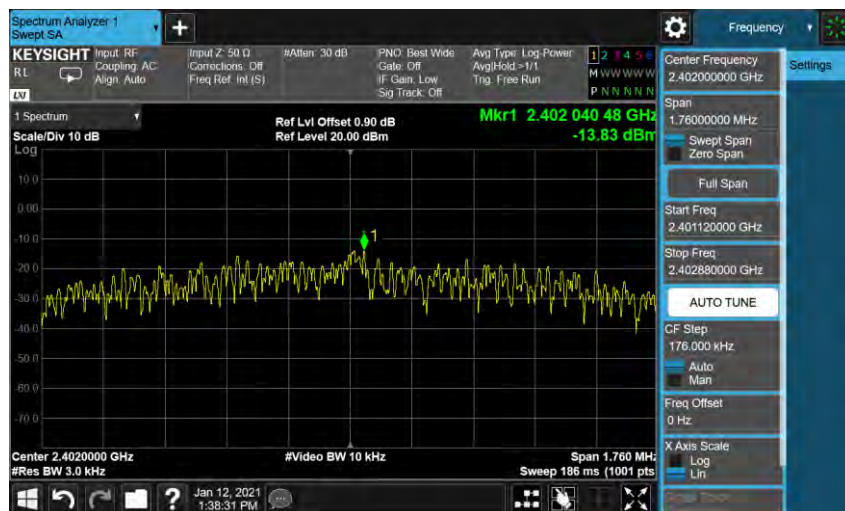


高頻道

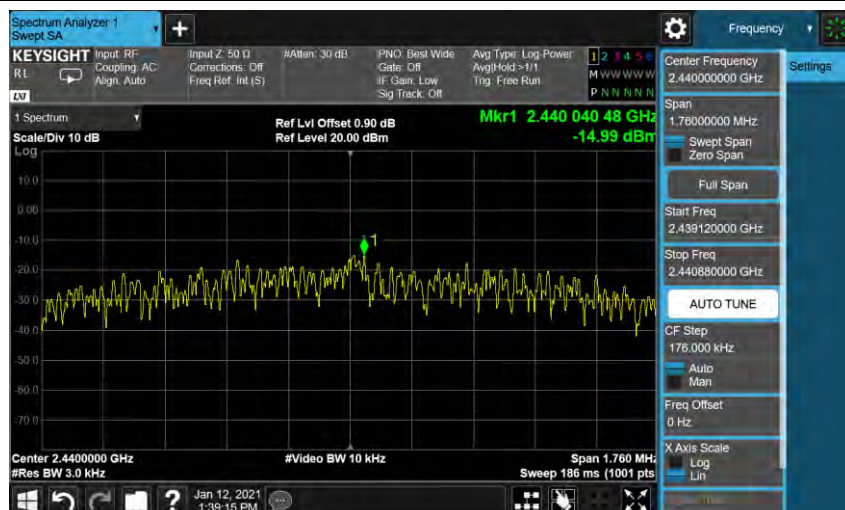


Mode 3: 2LE, GFSK Continuous TX Mode

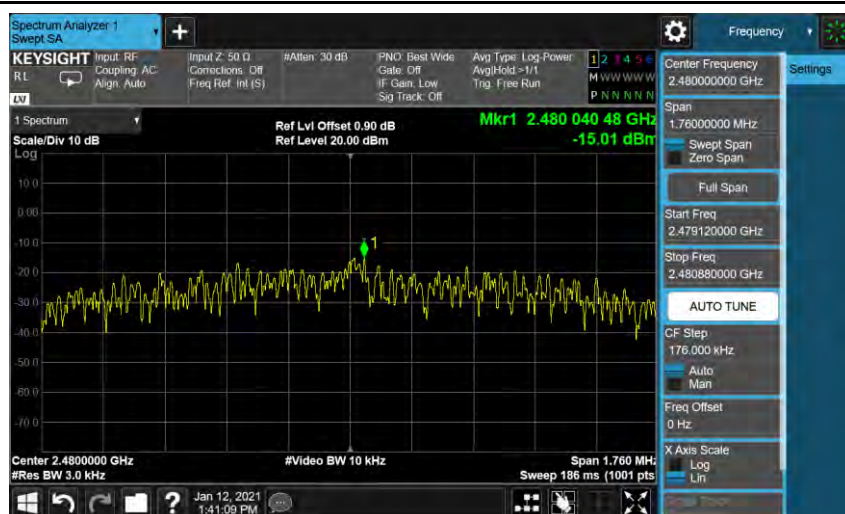
低頻道



中頻道



高頻道



---END---