

低功率射頻器材試驗報告

產品名稱 HUAWEI Smart Keyboard

申請廠商 訊歲技術有限公司

廠 牌 HUAWEI

型式 (號) C-Bach3-Keyboards

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 Jan. 07, 2022

填發本型式認可報告之試驗機構 (認可代號)

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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

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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	Jan. 07, 2022	初版發行	鄭安蓁

低功率射頻器材測試證明書

產品名稱：HUAWEI Smart Keyboard

廠牌：HUAWEI

型號：C-Bach3-Keyboard

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.

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：Oct. 28, 2021

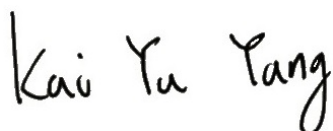
試驗日期：Dec. 30, 2021 ~ Jan. 03, 2022

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！

Approved By：



(Kai Yu Yang)

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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	HUAWEI Smart Keyboard
廠 牌	HUAWEI
型 號	C-Bach3-Keyboards
額 定 電 源	DC 5 V, 200 mA
待測物電源類別	Power Adapter / Battery
調 變 方 式	GFSK
頻 率 使 用 範 圍	2402 MHz – 2480 MHz
天 線 廠 牌	KH
天 線 型 號	104030039
天 線 型 態	PCB Antenna
天 線 增 益 值	2.46 dBi
RF 最大輸出功率	LE, GFSK: 7.07 dBm/ 0.00509 W
	2LE, GFSK: 8.84 dBm/ 0.00766 W

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	USB Type-C Port	1	連接至電源供應器

附屬裝置表：

裝置名稱	廠牌	型號	備註
(A) 內建固定式電池	HUAWEI	HB302527ECW	DC 3.82 V, 178 mAh

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 Emission

Test Period: Jan. 02, 2022

Testing Engineer: Chi Chang

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Test Receiver	R&S	ESCI	100367	May 21, 2021	1 year
☐	Test Receiver	R&S	ESCI	100722	Nov. 02, 2021	1 year
☐	Test Receiver	R&S	ESCI	101000	Nov. 26, 2021	1 year
☒	LISN	R&S	ENV216	101040	Mar. 29, 2021	1 year
☒	LISN	R&S	ENV216	101041	Apr. 08, 2021	1 year
☒	RF Cable	Woken	00100D1380194M	TE-02-03	May 28, 2021	1 year
☒	Software	EZ EMC	1.1.4.3	N/A	N.C.R.	---

For Conducted

Test Period: Jan. 03, 2022

Testing Engineer: Peter Shui

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Power Sensor	Anritsu	MA2411B	1126022	Sep. 03, 2021	1 year
☒	Power Meter	Anritsu	ML2495A	1135009	Sep. 03, 2021	1 year
☐	Power Sensor	Agilent	N1921A	MY45241957	Dec. 06, 2021	1 year
☐	Power Meter	Agilent	N1911A	MY45101619	Dec. 06, 2021	1 year
☐	Spectrum Analyzer (10 Hz~26.5 GHz)	Keysight	N9010B	MY59071418	Mar. 17, 2021	1 year
☐	Spectrum Analyzer (9 kHz~26.5 GHz)	Agilent	N9010A	MY48030518	Jul. 23, 2021	1 year
☒	Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	Sep. 09, 2021	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Jan. 08, 2021	1 year
☐	Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	Mar. 30, 2021	1 year
☐	Signal Generator	Keysight	N5182B	MY53052569	Apr. 20, 2021	1 year
☐	Signal Generator	Keysight	N5182BX07	MY59360221	Apr. 20, 2021	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 17, 2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 02, 2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Feb. 01, 2021	1 year
☐	RF Communication Test Set	HP	8920A	3344A03297	Aug. 10, 2021	1 year

Note: N.C.R. = No Calibration Request.

For Radiated Emissions
Test Period: Dec. 30, 2021
Testing Engineer: Ricky Liu

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	Jan. 18, 2021	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Jan. 08, 2021	1 year
☒	Spectrum Analyzer (2 Hz~50 GHz)	Keysight	N9030B	MY57143537	Apr. 19, 2021	1 year
☒	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	Jan. 15, 2021	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A10961	Jul. 06, 2021	1 year
☐	Broadband Amplifier (100 kHz~1 GHz)	Titan	T0910E00014330A1F	001	Jul. 23, 2021	1 year
☐	Amplifier (1 GHz~26.5 GHz)	Agilent	8449B	3008A02237	Oct. 21, 2021	1 year
☒	Broadband Amplifier (1 GHz~26.5 GHz)	Titan	T0912E01263025A1F	002	Jul. 26, 2021	1 year
☐	Preamplifier (26.5 GHz~40 GHz)	EMCI	EMC2654045	980028	Aug. 19, 2021	1 year
☐	Loop Antenna (9 kHz~30 MHz)	COM-POWER CORPORATION	AL-130	121014	Apr. 07, 2021	1 year
☒	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	01146	Jul. 19, 2021	1 year
☐	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	416	Nov. 17, 2021	1 year
☒	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	02207	Jul. 09, 2021	1 year
☐	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	9120D-550	Aug. 24, 2021	1 year
☒	Broadband Horn Antenna (18 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	9170	9170-320	Aug. 24, 2021	1 year
☐	Horn Antenna (18 GHz~40 GHz)	ETS	3116	00086467	Dec. 03, 2021	1 year
☐	RF Cable	EMCI	EMC104-N-N-6000	TE01-1	Feb. 19, 2021	1 year

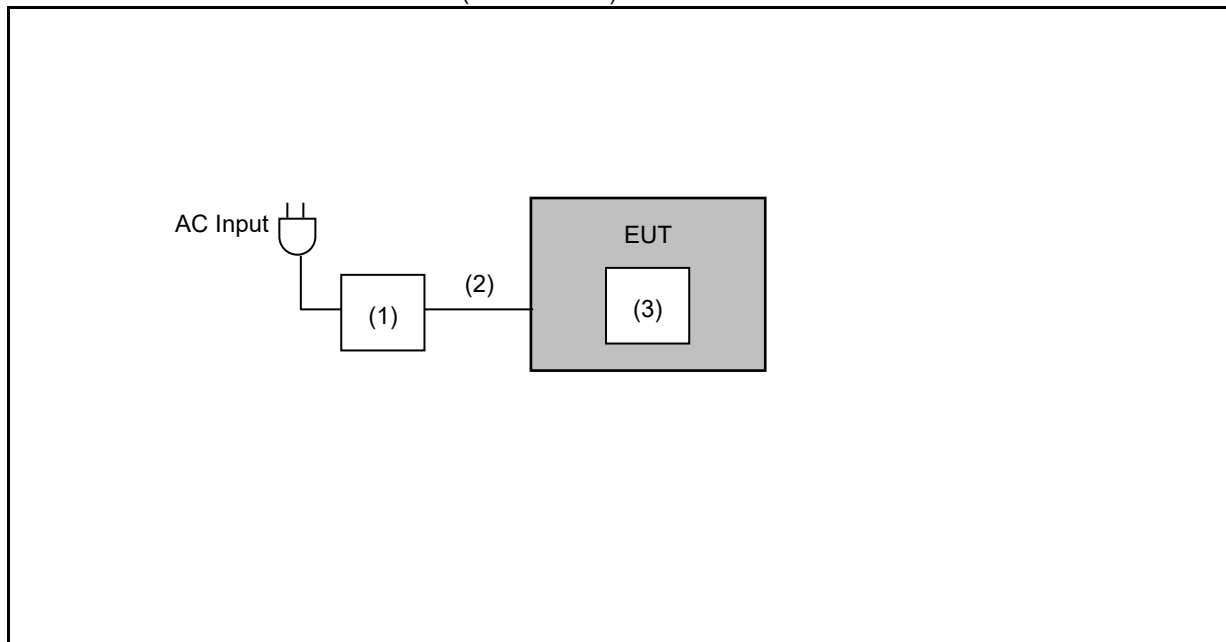
Note: N.C.R. = No Calibration Request.

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Microwave Cable	EMCI	EMC104-SM-SM-1300 0	170814	Feb. 19, 2021	1 year
☐	Microwave Cable	EMCI	EMC102-KM-KM-1400 0	151001	Feb. 19, 2021	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A100	J11005	Aug. 06, 2021	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A900	J11004	Aug. 06, 2021	1 year
☒	Coaxial Cable	Titan	CFD400NL-LW	001	Aug. 06, 2021	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 17, 2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 02, 2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Feb. 01, 2021	1 year
☒	Software	EZ EMC	1.1.4.4	N/A	N.C.R.	---

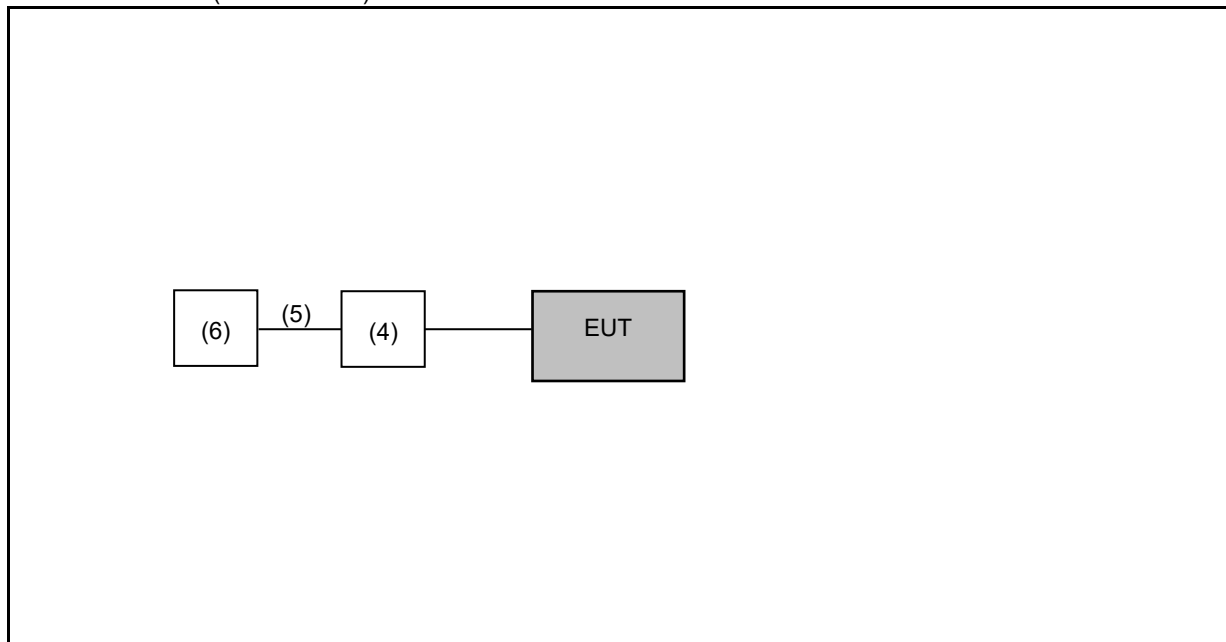
Note: N.C.R. = No Calibration Request.

2.2 檢驗系統示意圖

Conducted Emission & Radiated Emission (Below 1 GHz)



Radiated Emission (Above 1 GHz)



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) 電源供應器	HUAWEI	HW-050100U01	---	---	INPUT : AC 100-240 V, 50/60 Hz, 0.2 A OUTPUT : DC 5.0 V, 1.0 A (實驗室提供)
(2) USB Cable	HUAWEI	04071121	---	---	STD-A → Type-C 長度：1 m (實驗室提供)
(3) HUAWEI MatePad	HUAWEI	BAH3-W59	---	---	NCC ID:CCAK21LP0300T5 (申請者提供)
(4) 治具	Telink	8258	---	---	(申請者提供)
(5) USB Cable	USBMAX	USB2.0 MINI 5pin	---	---	STD-A → MINI-USB 長度：0.75 m (實驗室提供)
(6) Notebook	ASUS	P1448U	---	---	(實驗室提供)

測試組合：

EUT Configure Mode	CE	RE<1G	RE ≥ 1G	備註
內建固定式電池	V	V	V	附屬裝置(A)
電源供應器	V	V	---	測試週邊(1)
USB Cable	V	V	---	測試週邊(2)
HUAWEI MatePad	V	V	X	測試週邊(3) Normal Link
治具	X	X	V	測試週邊(4) Test Mode使用
USB Cable	X	X	V	測試週邊(5) Test Mode使用
Notebook	X	X	V	測試週邊(6) Test Mode使用

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	5.6	EMI Test Tool Version 1.0.0.0
	2440	5.6	
	2480	4.8	
Mode 3	2402	8.7	
	2440	8.7	
	2480	7.8	

2.5 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	5.2 dB
	18000 MHz ~ 26500 MHz	4.6 dB
	26500 MHz ~ 40000 MHz	4.6 dB
Conducted Output Power	1.1 dB	
RF Bandwidth	4.7 %	
Power Spectral Density	1.1 dB	

2.6 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	請參閱 5.1 節	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	請參閱 5.2 節	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	請參閱 5.2 節	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	請參閱 5.2 節	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	請參閱 5.3 節	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	請參閱 5.3 節	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	請參閱 5.3 節	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	請參閱 5.3 節	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
10	電波暴露量之評估	低功率射頻器材技術規範 6.20.2 節	N/A	N/A	不適用

* 此項目為在 RF 功能作動下進行。

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。

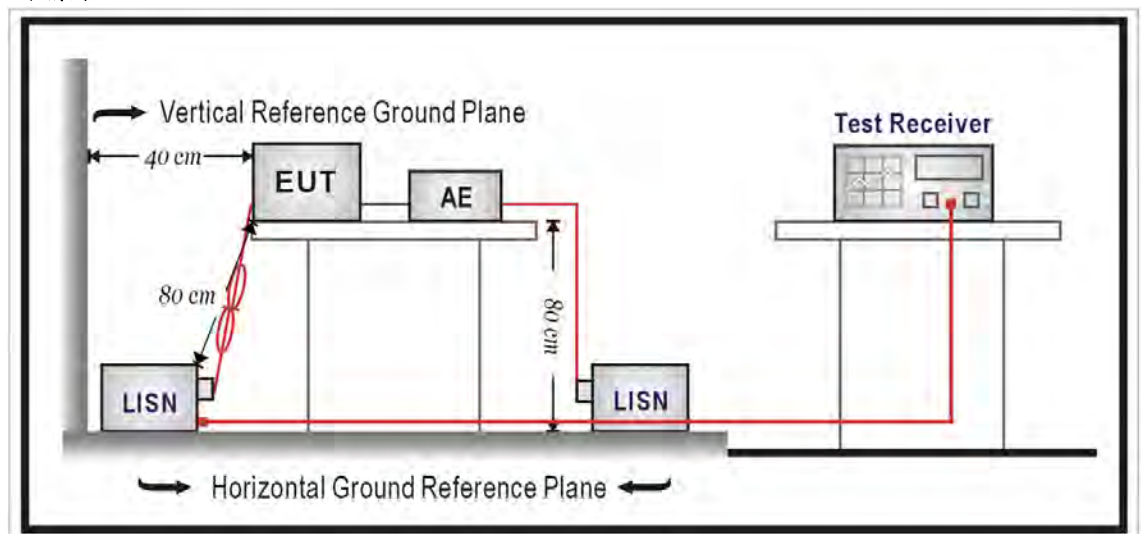
干擾值之計算

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。

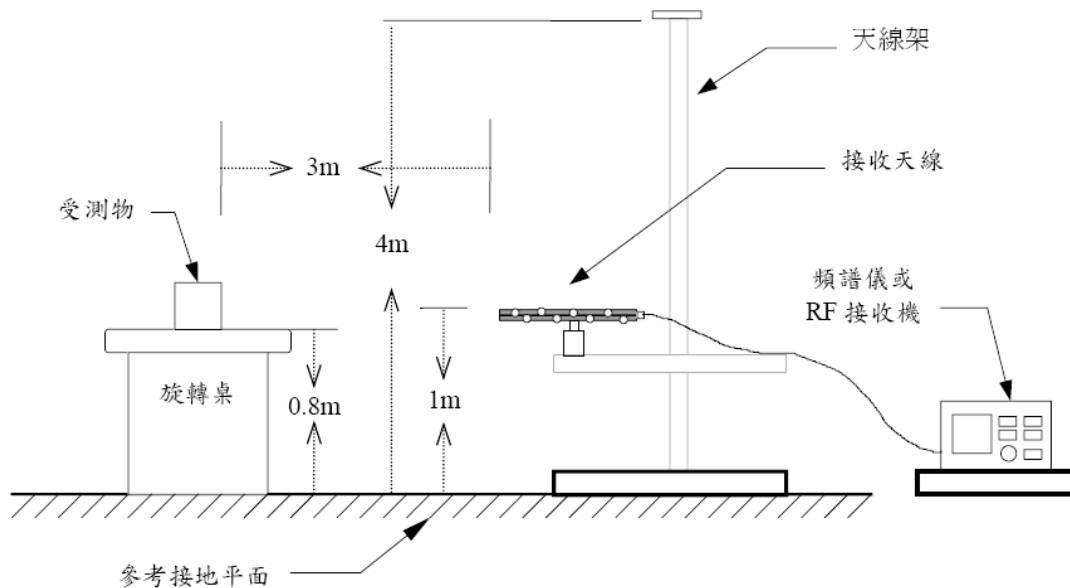
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

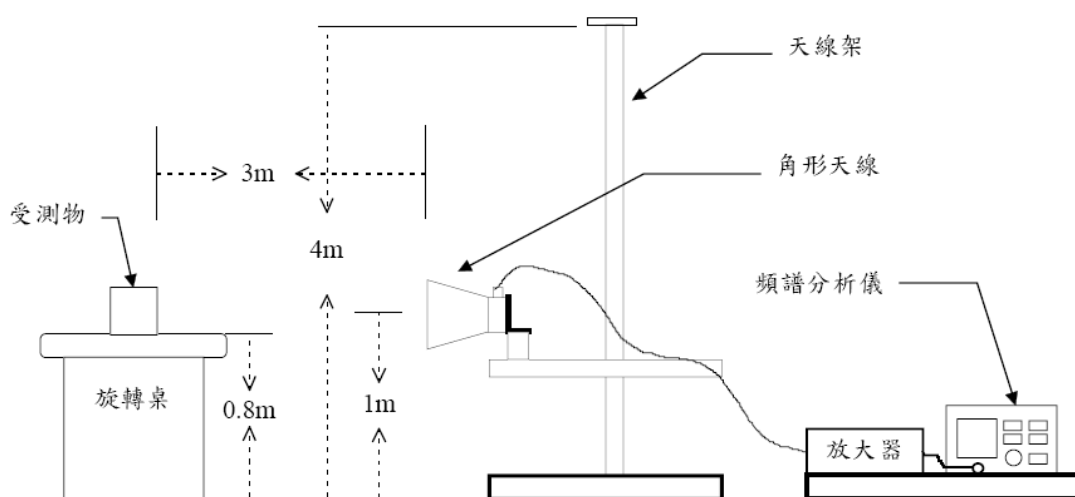
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

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

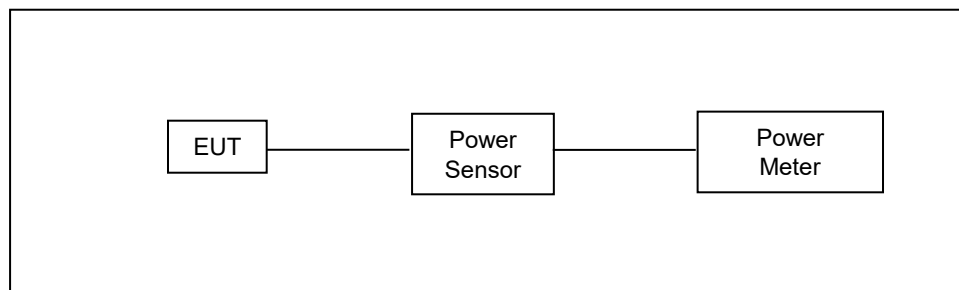
合格標準:

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:

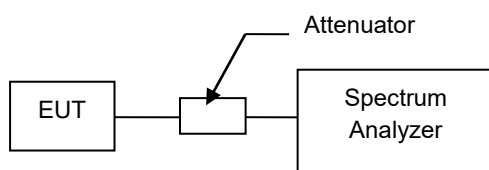


4.4 非必要頻帶之量測

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。

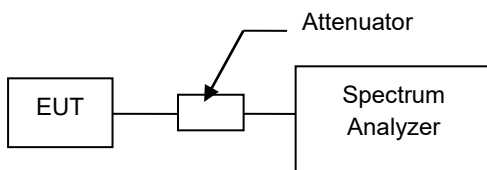
4.5 發射頻寬之要求

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：

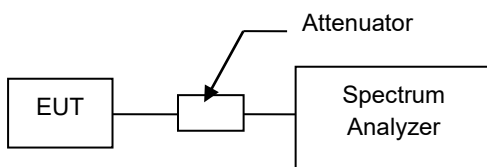


4.6 功率密度之要求

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。

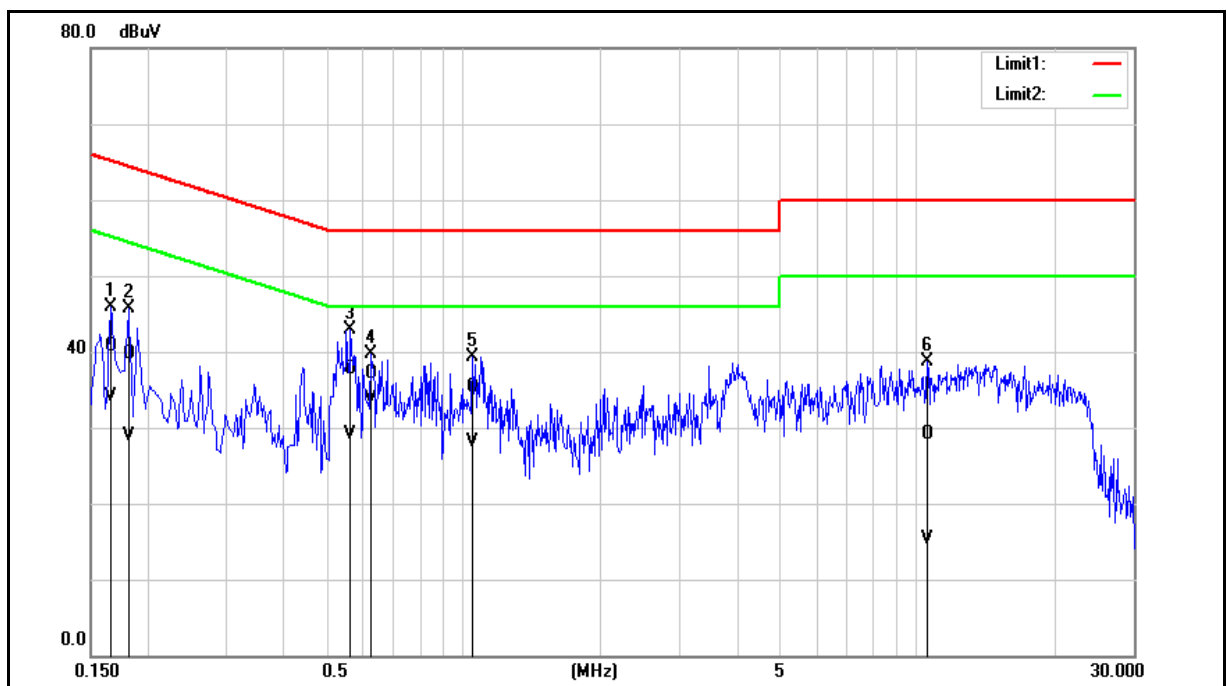
依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.4 節之要求，天線之規格不受第 3.2 節規定之限制

判定結果: 符合。

5. Test Results

5.1 Conducted Emission

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

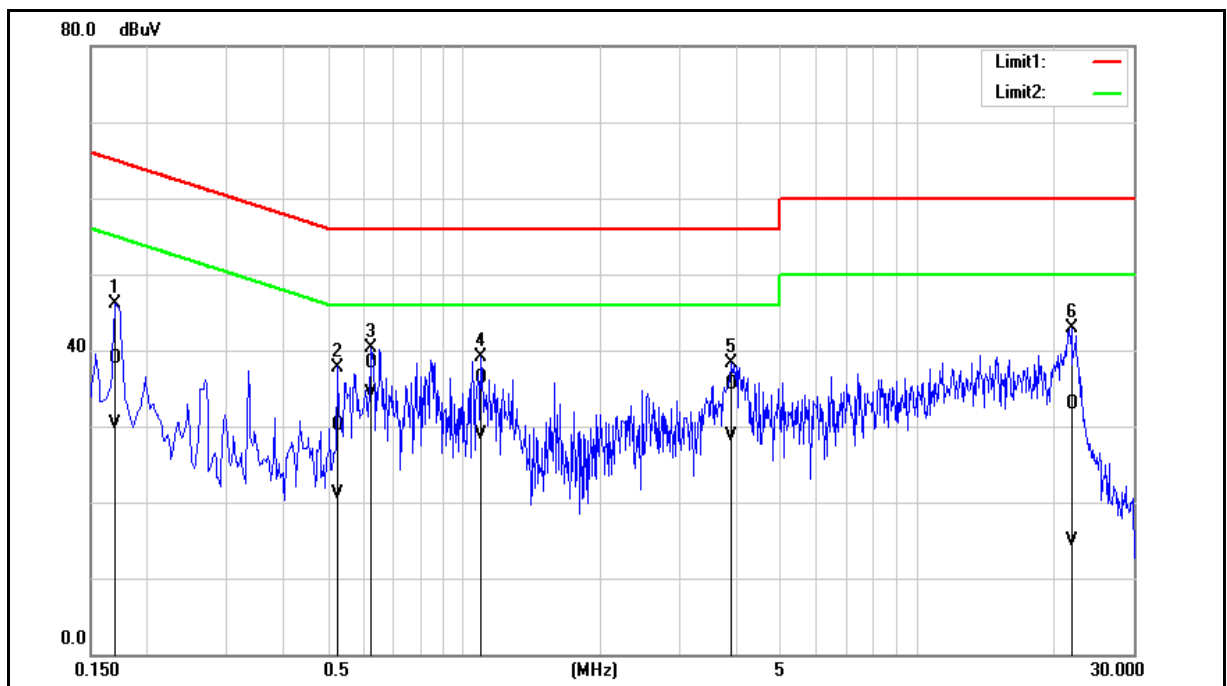


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1660	30.96	24.33	9.74	40.70	34.07	65.16	55.16	-24.46	-21.09	Pass
2	0.1820	30.03	19.16	9.74	39.77	28.90	64.39	54.39	-24.62	-25.49	Pass
3	0.5620	28.04	19.33	9.74	37.78	29.07	56.00	46.00	-18.22	-16.93	Pass
4	0.6220	27.38	24.02	9.74	37.12	33.76	56.00	46.00	-18.88	-12.24	Pass
5	1.0460	25.46	18.44	9.76	35.22	28.20	56.00	46.00	-20.78	-17.80	Pass
6	10.5540	19.12	5.39	9.98	29.10	15.37	60.00	50.00	-30.90	-34.63	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	0.1700	29.09	20.58	9.74	38.83	30.32	64.96	54.96	-26.13	-24.64	Pass
2	0.5260	20.47	11.33	9.73	30.20	21.06	56.00	46.00	-25.80	-24.94	Pass
3	0.6260	28.53	24.50	9.74	38.27	34.24	56.00	46.00	-17.73	-11.76	Pass
4	1.0900	26.51	19.24	9.76	36.27	29.00	56.00	46.00	-19.73	-17.00	Pass
5	3.8940	25.66	18.87	9.85	35.51	28.72	56.00	46.00	-20.49	-17.28	Pass
6	21.8540	22.73	4.64	10.20	32.93	14.84	60.00	50.00	-27.07	-35.16	Pass

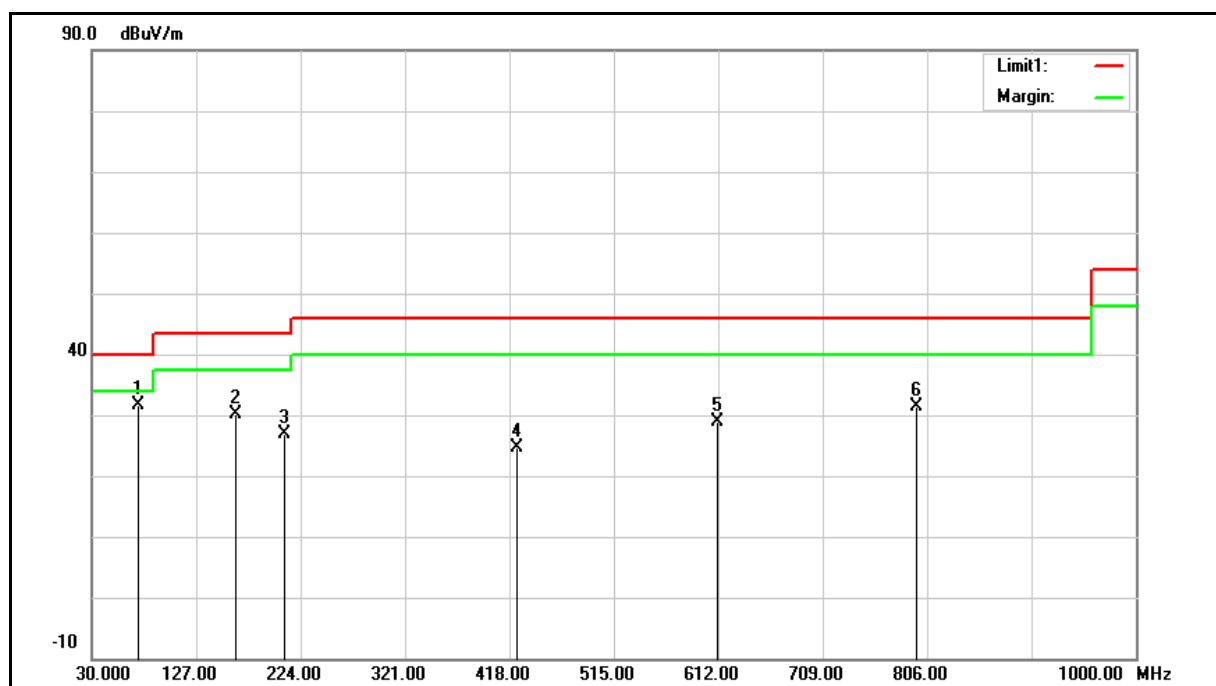
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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)。

5.2 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		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	73.6500	42.02	-10.35	31.67	40.00	-8.33	QP
2	163.8600	36.66	-6.54	30.12	43.50	-13.38	QP
3	209.4500	35.91	-9.10	26.81	43.50	-16.69	QP
4	424.7900	27.53	-2.92	24.61	46.00	-21.39	QP
5	611.0300	28.10	0.68	28.78	46.00	-17.22	QP
6	796.3000	27.55	3.91	31.46	46.00	-14.54	QP

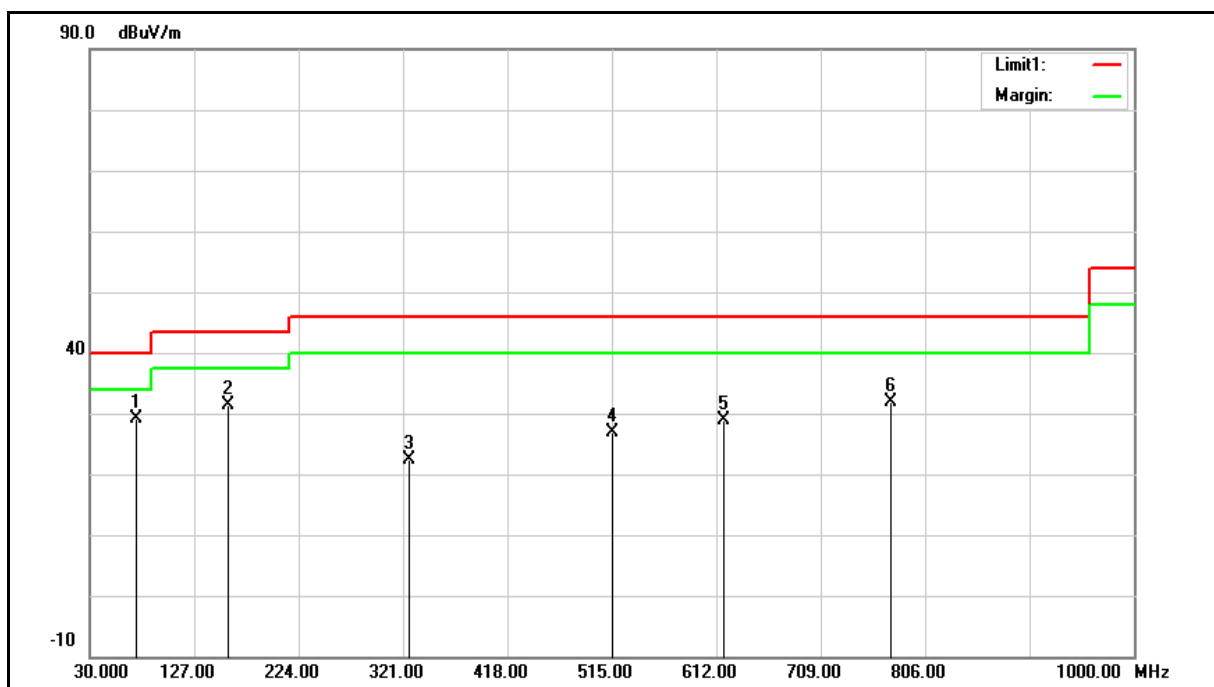
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $31.67 = -10.35 + 42.02$

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		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	73.6500	39.55	-10.35	29.20	40.00	-10.80	QP
2	158.0400	37.87	-6.46	31.41	43.50	-12.09	QP
3	326.8200	27.39	-5.03	22.36	46.00	-23.64	QP
4	515.9700	28.45	-1.56	26.89	46.00	-19.11	QP
5	618.7900	28.13	0.76	28.89	46.00	-17.11	QP
6	773.9900	28.52	3.40	31.92	46.00	-14.08	QP

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

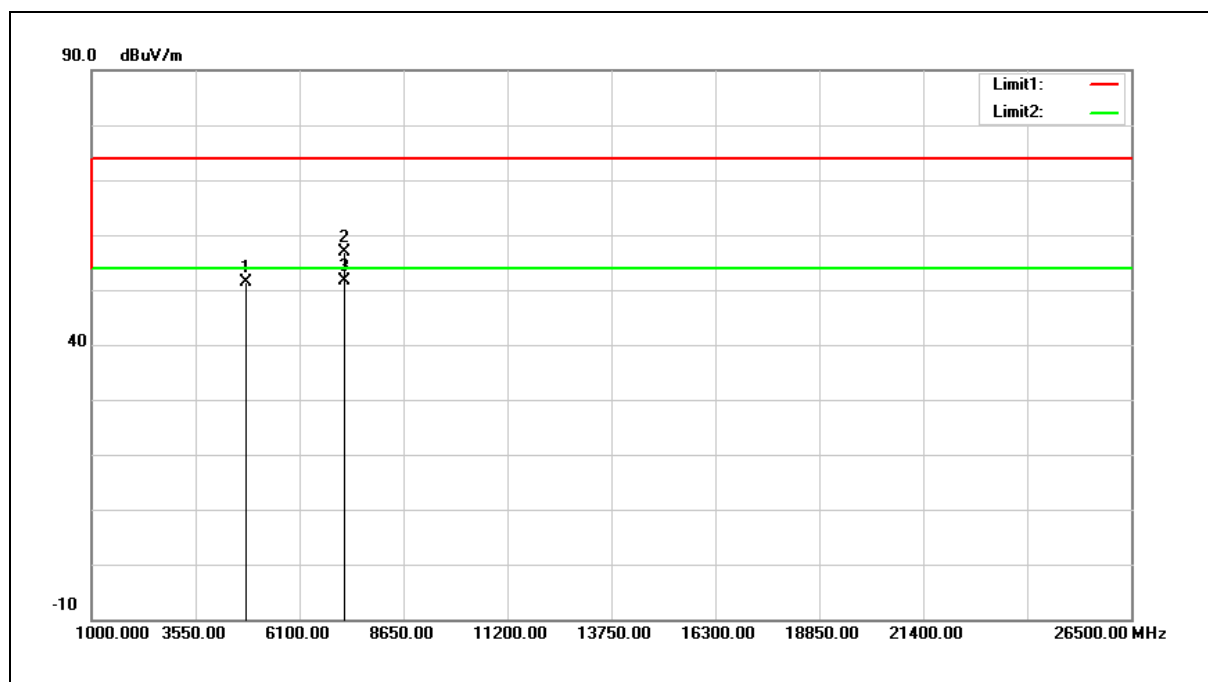
Example: $29.20 = -10.35 + 39.55$

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:	3 m
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	52.52	-1.04	51.48	74.00	-22.52	peak
2	7206.000	50.79	6.04	56.83	74.00	-17.17	peak
3	7206.000	45.66	6.04	51.70	54.00	-2.30	AVG

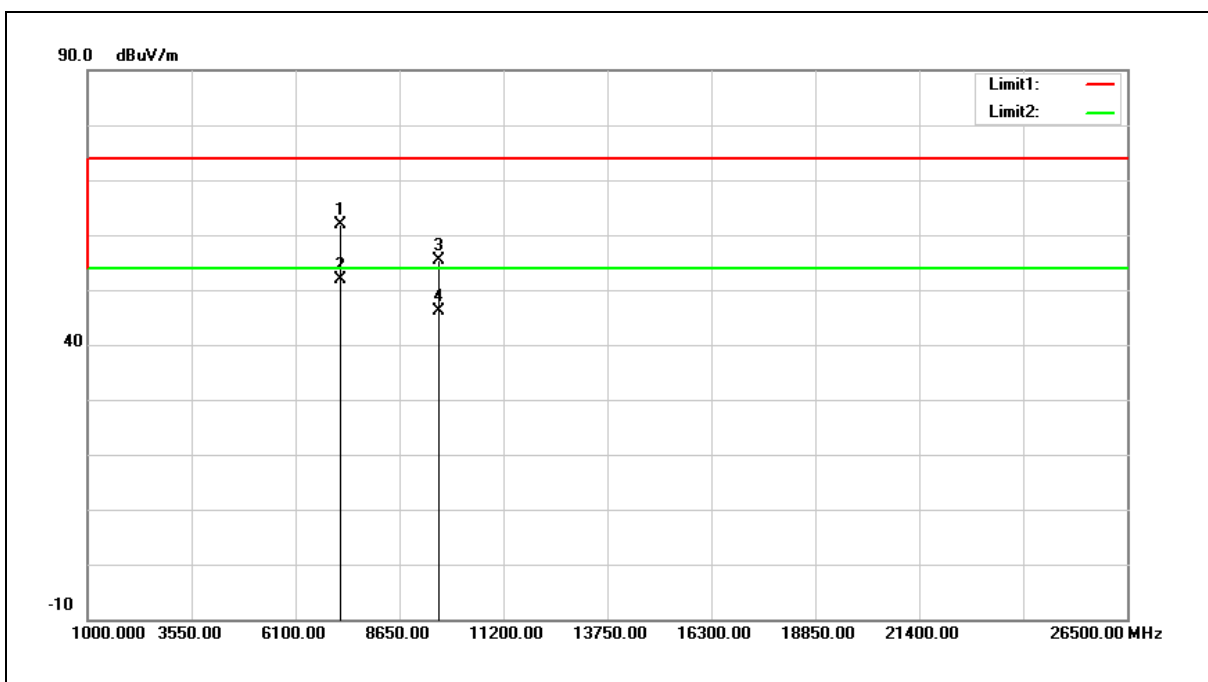
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 51.48 = -1.04 + 52.52

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:	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	7206.000	55.91	6.04	61.95	74.00	-12.05	peak
2	7206.000	45.91	6.04	51.95	54.00	-2.05	AVG
3	9608.000	42.85	12.61	55.46	74.00	-18.54	peak
4	9608.000	33.48	12.61	46.09	54.00	-7.91	AVG

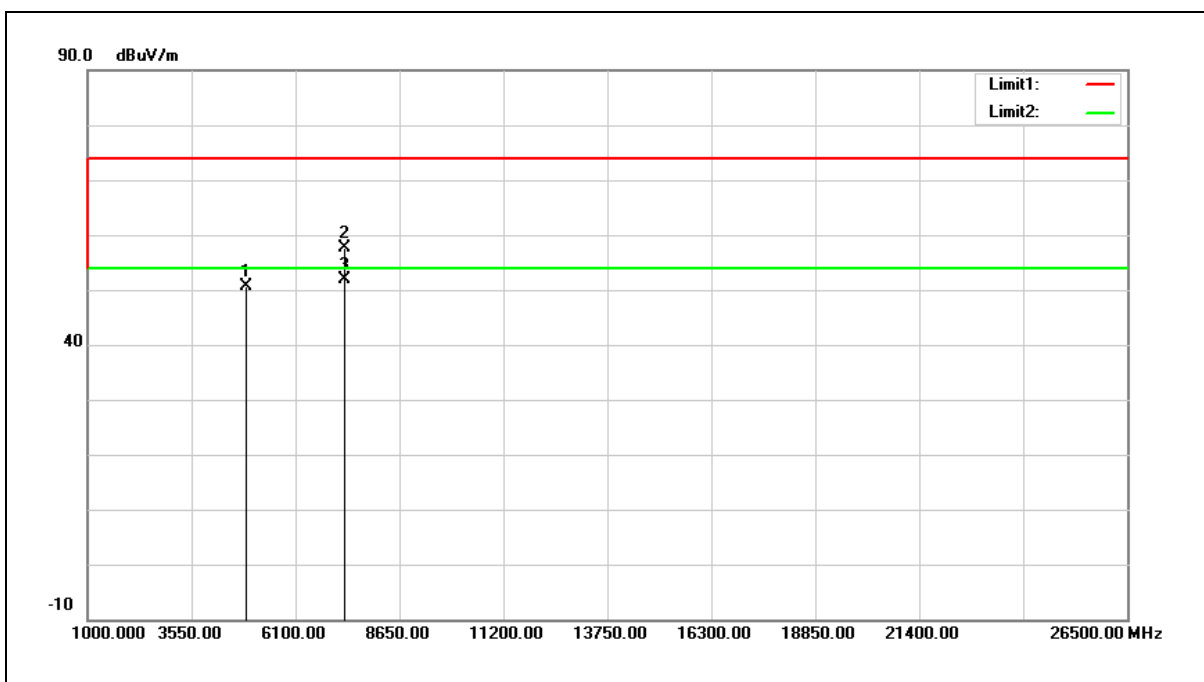
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 61.95 = 6.04 + 55.91

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:	2440 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



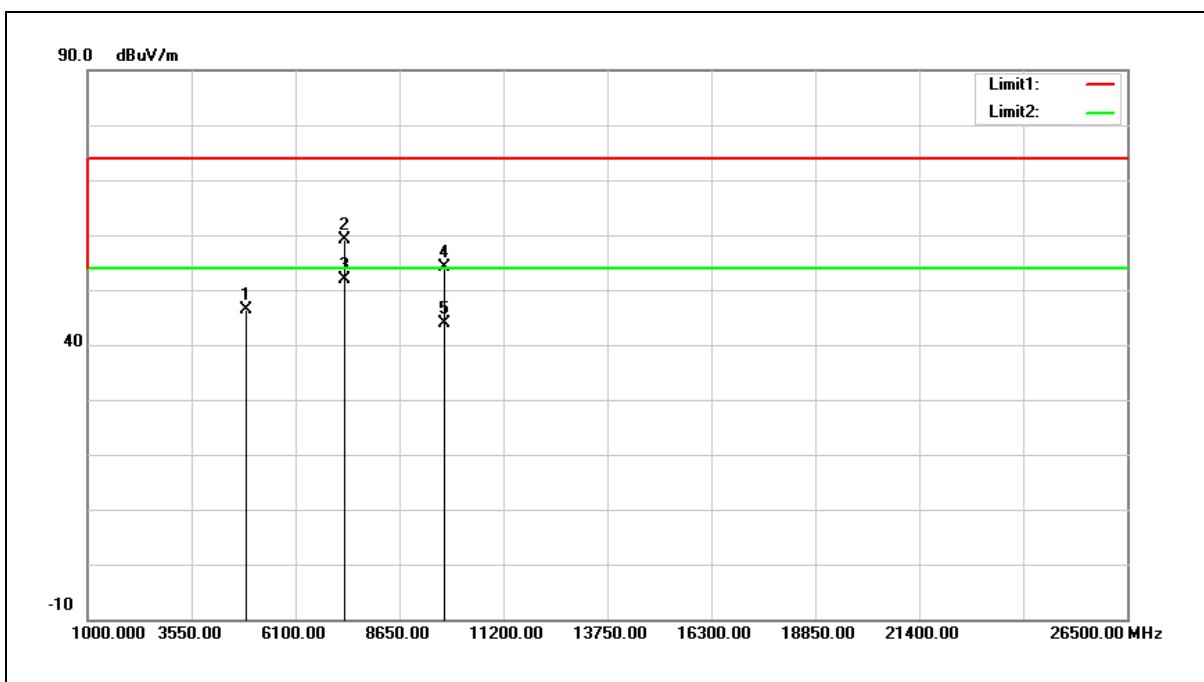
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	51.30	-0.78	50.52	74.00	-23.48	peak
2	7320.000	51.11	6.49	57.60	74.00	-16.40	peak
3	7320.000	45.40	6.49	51.89	54.00	-2.11	AVG

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:	Harmonic		
Frequency:	2440 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



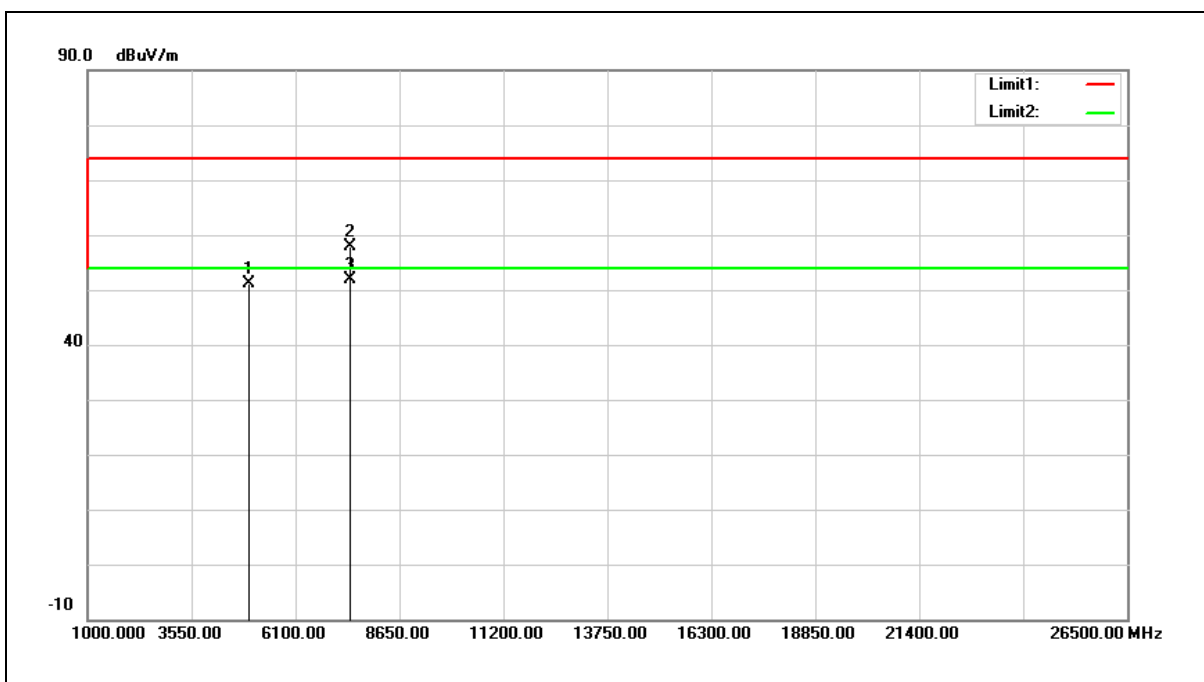
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	47.25	-0.78	46.47	74.00	-27.53	peak
2	7320.000	52.68	6.49	59.17	74.00	-14.83	peak
3	7320.000	45.31	6.49	51.80	54.00	-2.20	AVG
4	9760.000	41.11	12.97	54.08	74.00	-19.92	peak
5	9760.000	31.03	12.97	44.00	54.00	-10.00	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:	Harmonic		
Frequency:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



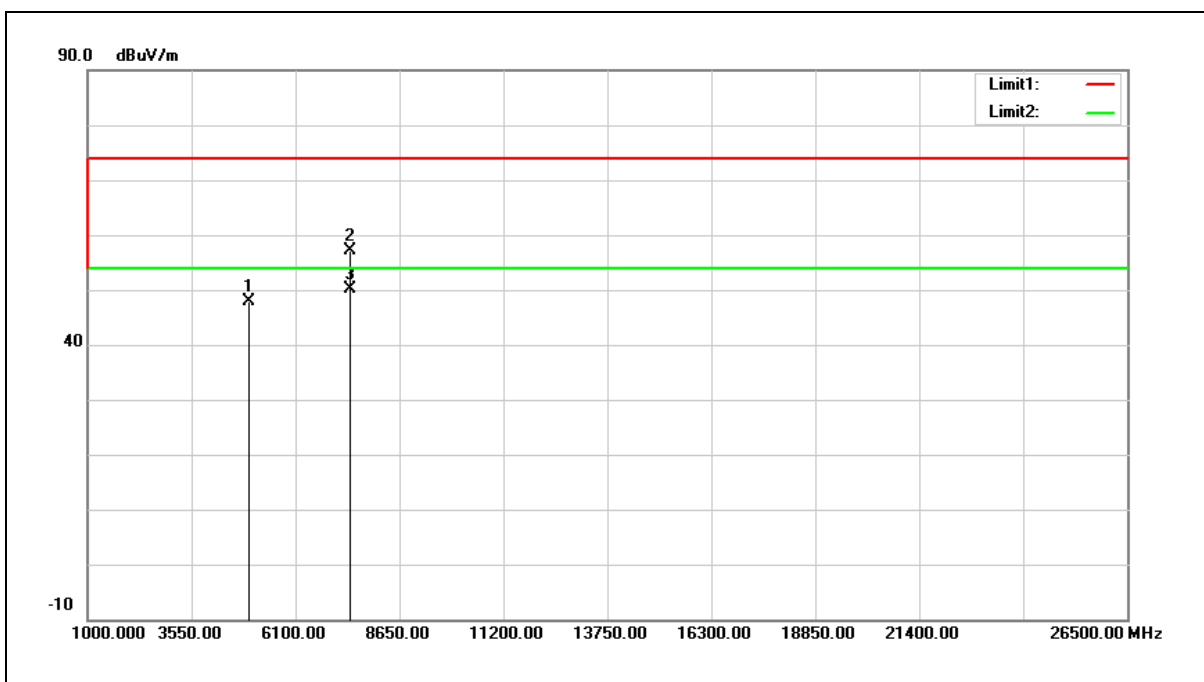
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	51.52	-0.50	51.02	74.00	-22.98	peak
2	7440.000	50.99	6.95	57.94	74.00	-16.06	peak
3	7440.000	44.82	6.95	51.77	54.00	-2.23	AVG

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:	Harmonic		
Frequency:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



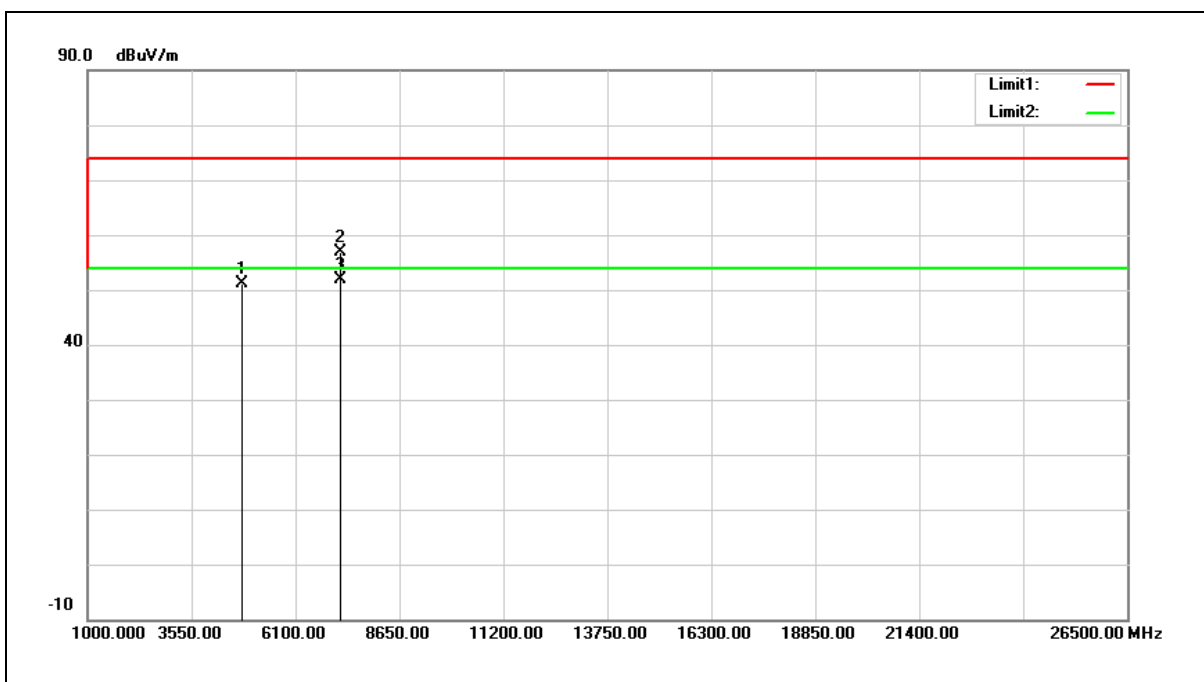
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	48.38	-0.50	47.88	74.00	-26.12	peak
2	7440.000	50.20	6.95	57.15	74.00	-16.85	peak
3	7440.000	43.27	6.95	50.22	54.00	-3.78	AVG

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.

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



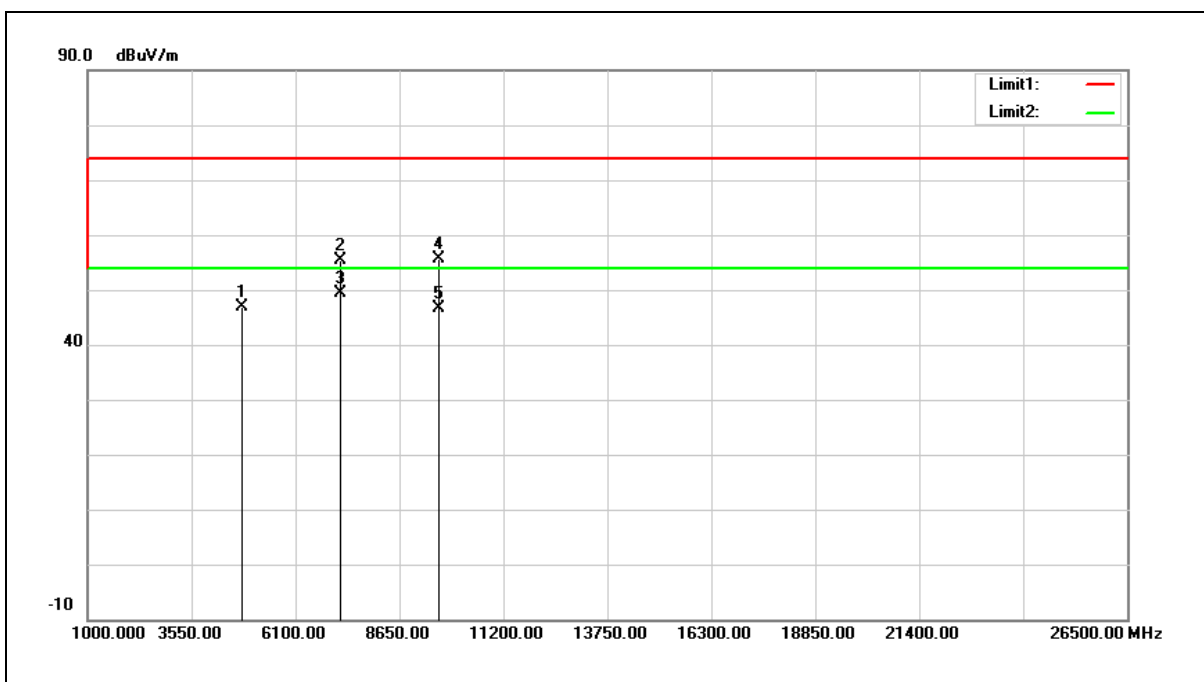
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	52.06	-1.04	51.02	74.00	-22.98	peak
2	7206.000	50.93	6.04	56.97	74.00	-17.03	peak
3	7206.000	45.77	6.04	51.81	54.00	-2.19	AVG

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:	Harmonic		
Frequency:	2402 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



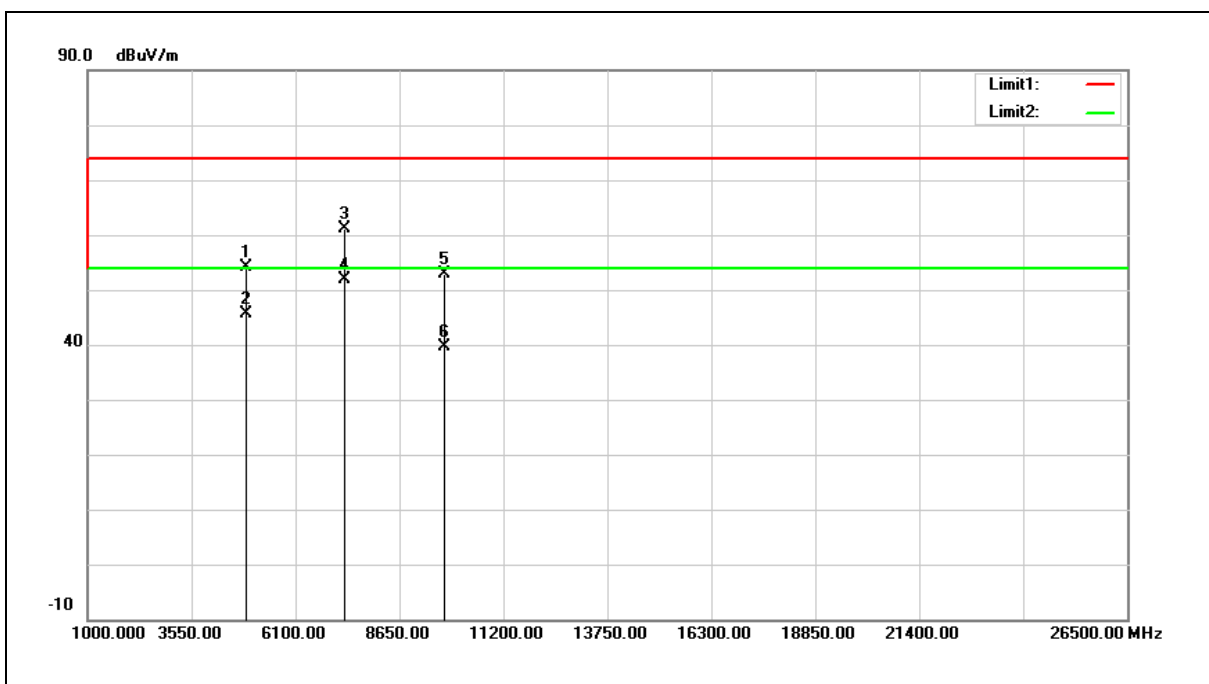
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	47.85	-1.04	46.81	74.00	-27.19	peak
2	7206.000	49.35	6.04	55.39	74.00	-18.61	peak
3	7206.000	43.32	6.04	49.36	54.00	-4.64	AVG
4	9608.000	42.93	12.61	55.54	74.00	-18.46	peak
5	9608.000	33.91	12.61	46.52	54.00	-7.48	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:	Harmonic		
Frequency:	2440 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



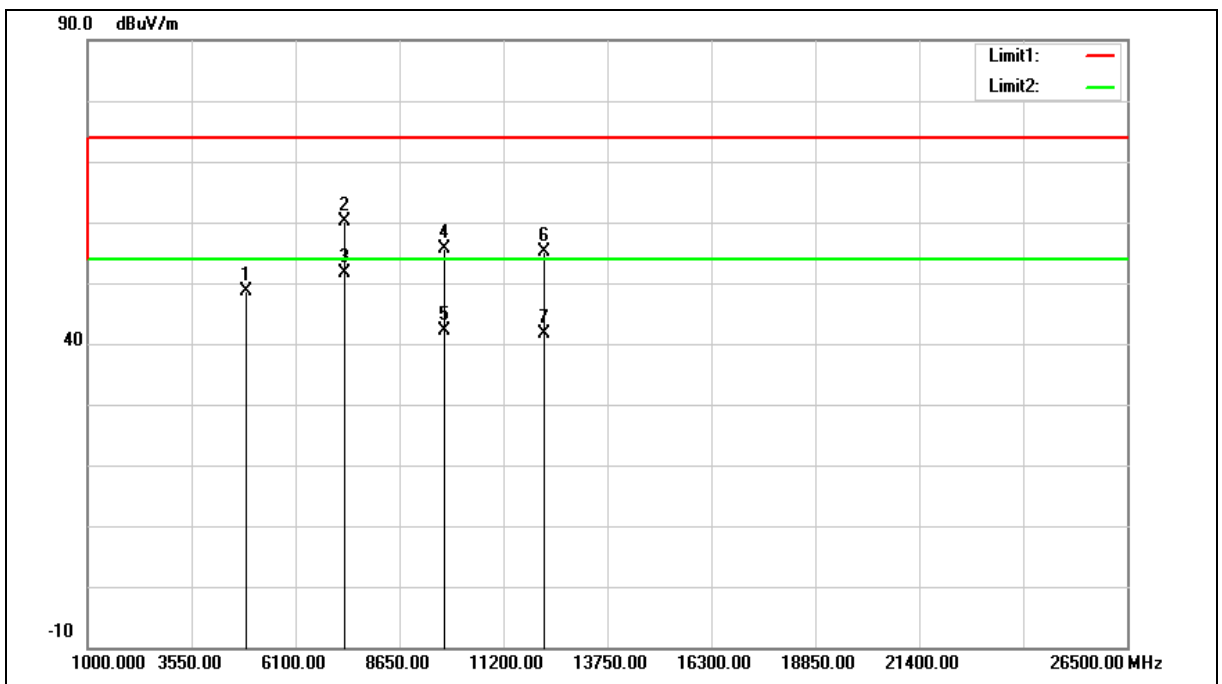
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	54.83	-0.78	54.05	74.00	-19.95	peak
2	4880.000	46.39	-0.78	45.61	54.00	-8.39	AVG
3	7320.000	54.75	6.49	61.24	74.00	-12.76	peak
4	7320.000	45.47	6.49	51.96	54.00	-2.04	AVG
5	9760.000	39.91	12.97	52.88	74.00	-21.12	peak
6	9760.000	26.69	12.97	39.66	54.00	-14.34	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:	Harmonic		
Frequency:	2440 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2440 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		

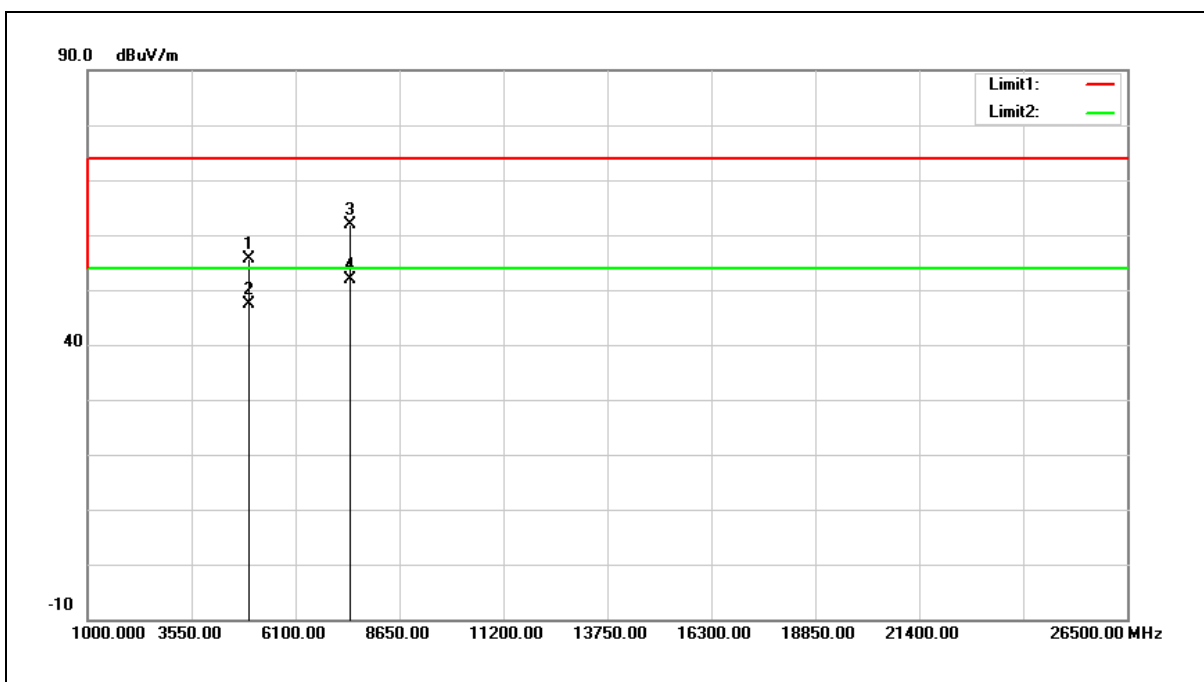
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	49.30	-0.78	48.52	74.00	-25.48	peak
2	7320.000	53.71	6.49	60.20	74.00	-13.80	peak
3	7320.000	45.24	6.49	51.73	54.00	-2.27	AVG
4	9760.000	42.73	12.97	55.70	74.00	-18.30	peak
5	9760.000	29.15	12.97	42.12	54.00	-11.88	AVG
6	12200.000	41.26	13.94	55.20	74.00	-18.80	peak
7	12200.000	27.71	13.94	41.65	54.00	-12.35	AVG

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



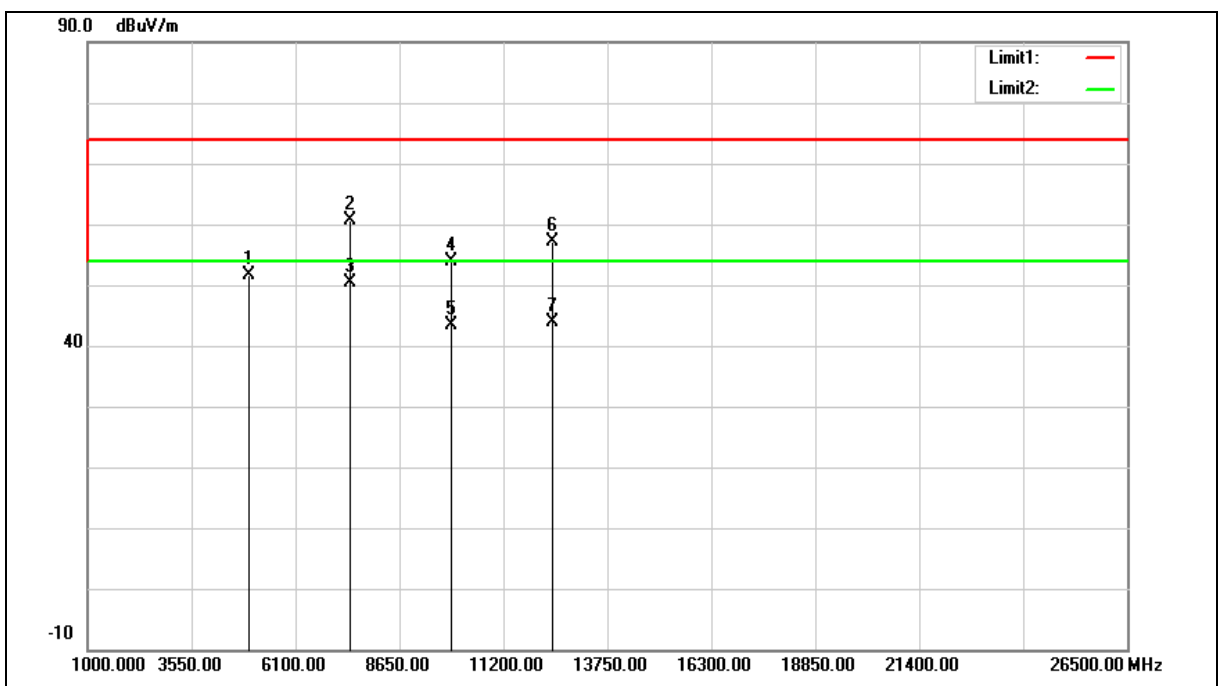
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	56.12	-0.50	55.62	74.00	-18.38	peak
2	4960.000	47.97	-0.50	47.47	54.00	-6.53	AVG
3	7440.000	55.02	6.95	61.97	74.00	-12.03	peak
4	7440.000	44.91	6.95	51.86	54.00	-2.14	AVG

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:	Harmonic		
Frequency:	2480 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



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

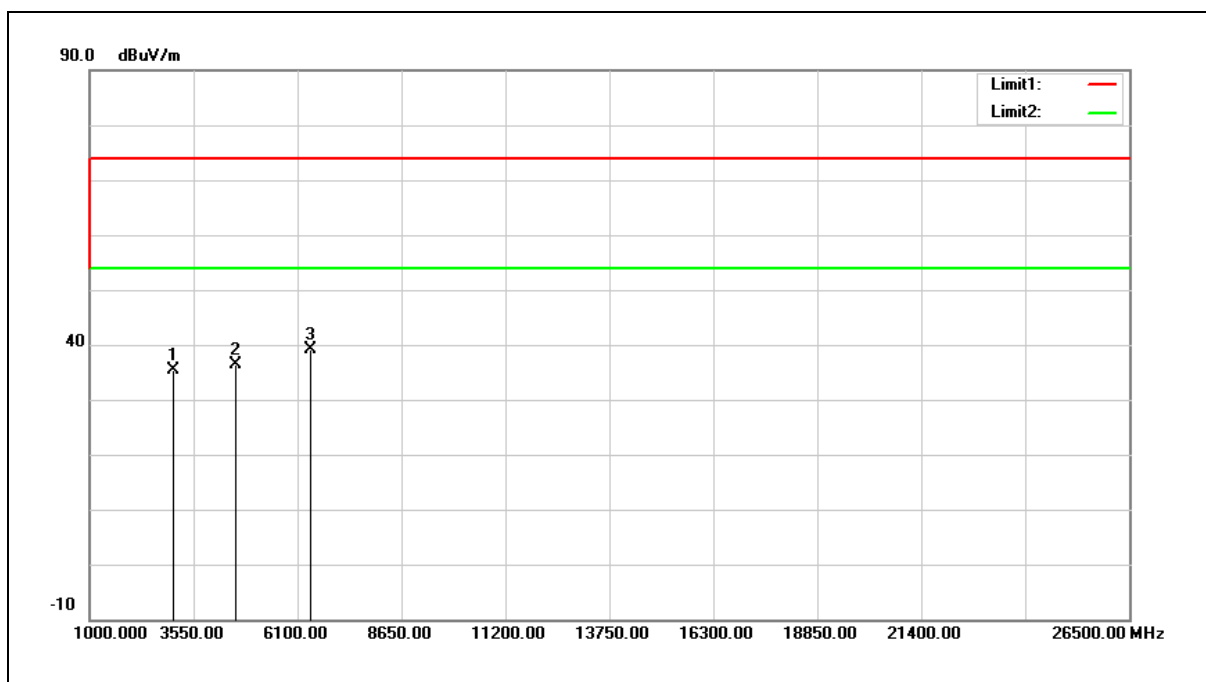
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	52.06	-0.50	51.56	74.00	-22.44	peak
2	7440.000	53.74	6.95	60.69	74.00	-13.31	peak
3	7440.000	43.32	6.95	50.27	54.00	-3.73	AVG
4	9920.000	40.61	13.34	53.95	74.00	-20.05	peak
5	9920.000	30.11	13.34	43.45	54.00	-10.55	AVG
6	12400.000	43.66	13.56	57.22	74.00	-16.78	peak
7	12400.000	30.41	13.56	43.97	54.00	-10.03	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:	Harmonic		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		
Description:			



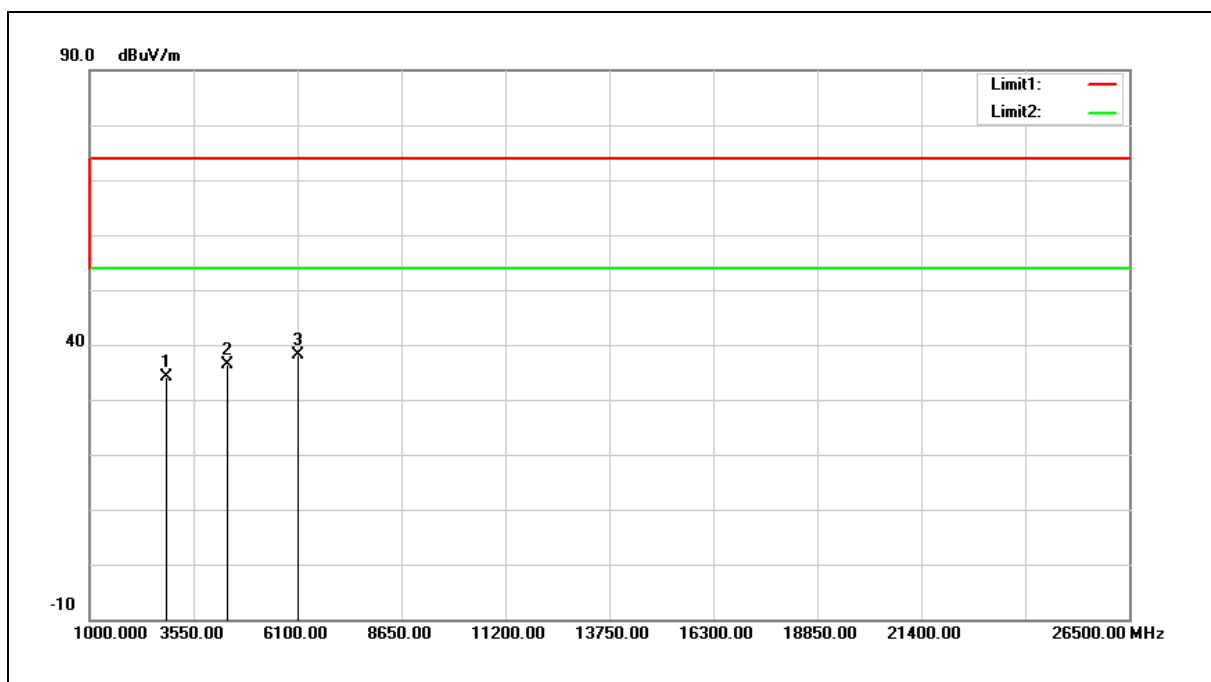
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3023.000	40.63	-5.31	35.32	74.00	-38.68	peak
2	4570.000	38.23	-1.85	36.38	74.00	-37.62	peak
3	6406.000	35.60	3.48	39.08	74.00	-34.92	peak

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 4		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2887.000	39.93	-5.69	34.24	74.00	-39.76	peak
2	4349.000	38.91	-2.55	36.36	74.00	-37.64	peak
3	6117.000	35.64	2.37	38.01	74.00	-35.99	peak

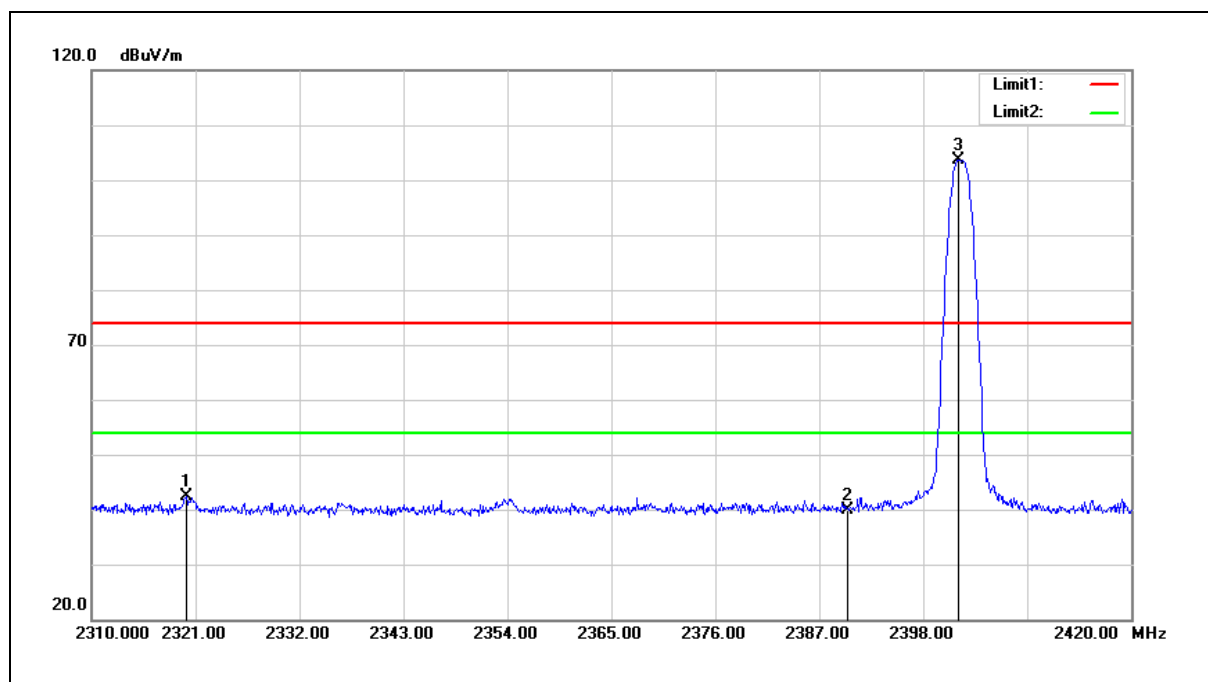
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

頻帶邊緣

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



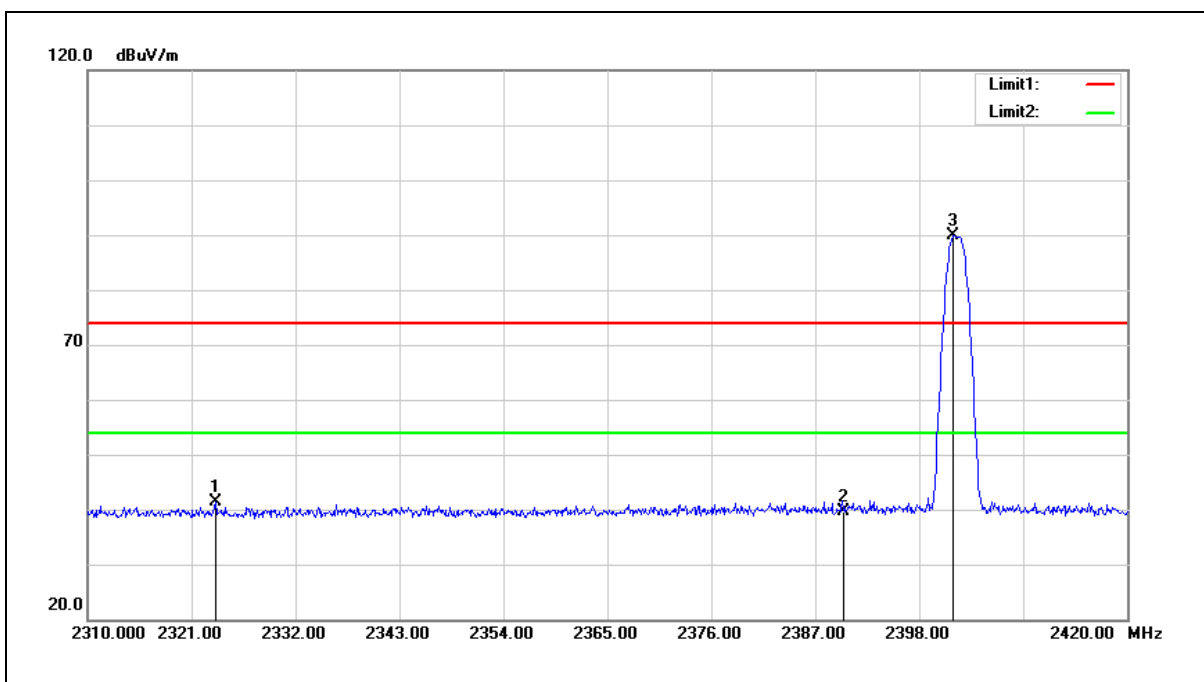
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2320.010	49.95	-7.58	42.37	74.00	-31.63	peak
2	2390.000	47.26	-7.30	39.96	74.00	-34.04	peak
3	2401.740	110.82	-7.26	103.56	74.00	29.56	peak

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:	2402 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



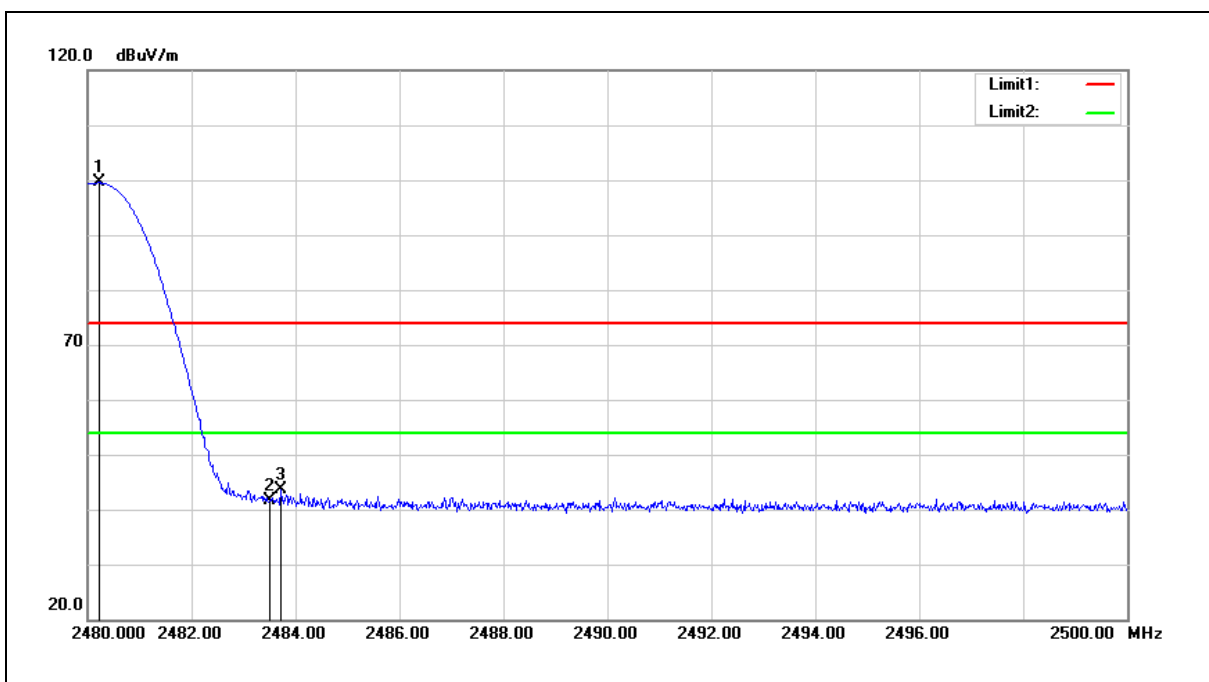
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2323.530	48.97	-7.57	41.40	74.00	-32.60	peak
2	2390.000	46.92	-7.30	39.62	74.00	-34.38	peak
3	2401.630	97.05	-7.26	89.79	74.00	15.79	peak

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:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



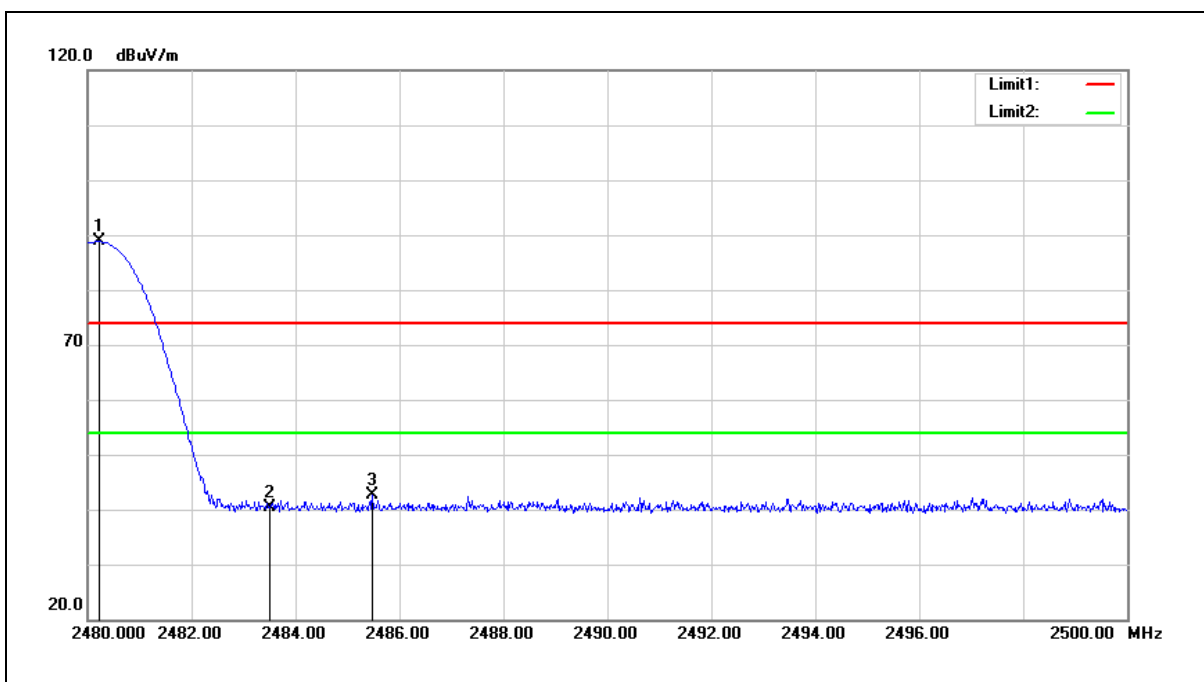
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.220	106.46	-6.95	99.51	74.00	25.51	peak
2	2483.500	48.57	-6.94	41.63	74.00	-32.37	peak
3	2483.720	50.53	-6.94	43.59	74.00	-30.41	peak

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



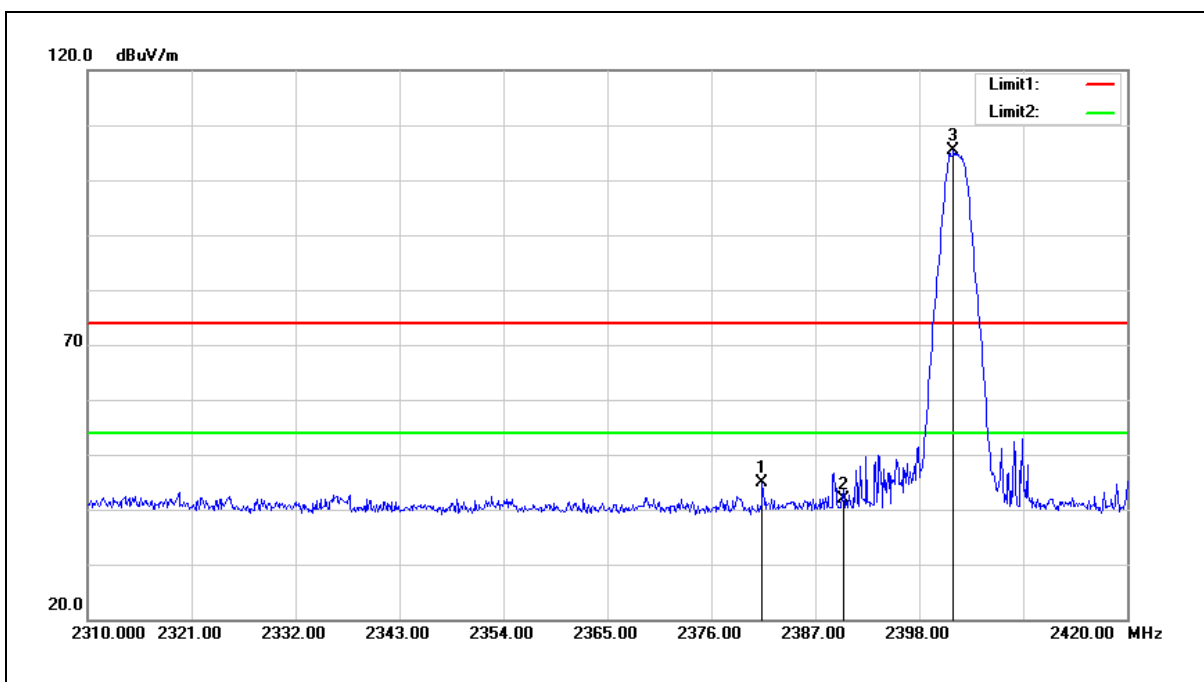
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.220	95.77	-6.95	88.82	74.00	14.82	peak
2	2483.500	47.38	-6.94	40.44	74.00	-33.56	peak
3	2485.480	49.45	-6.92	42.53	74.00	-31.47	peak

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:	2402 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



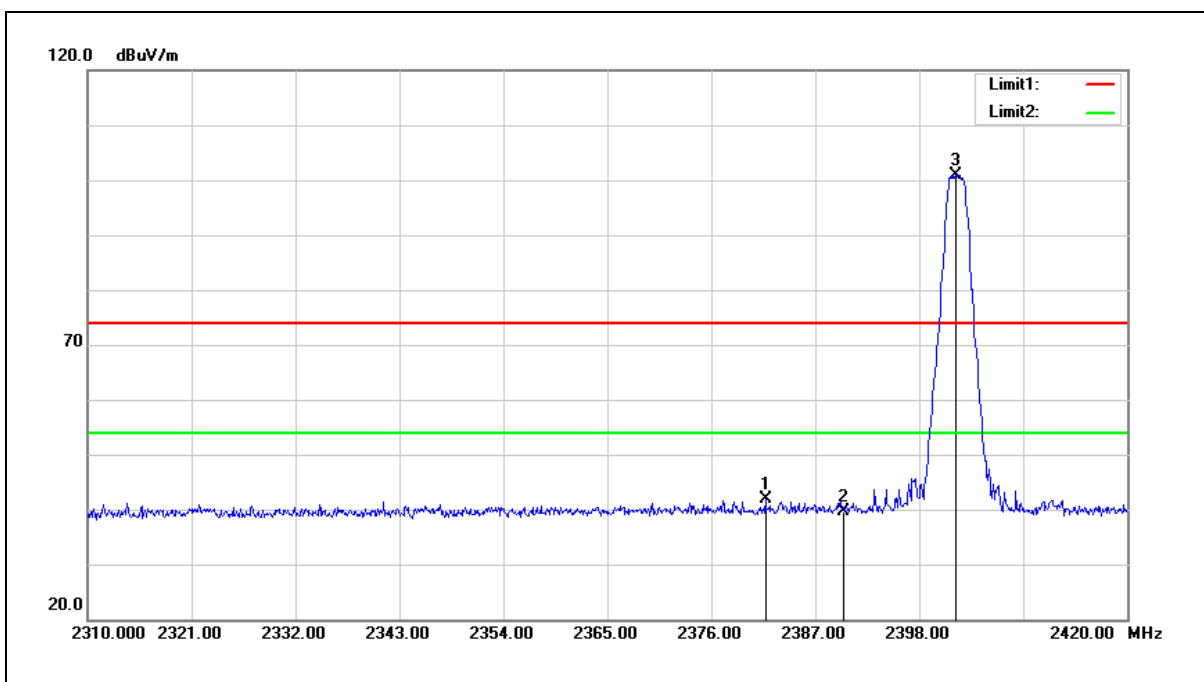
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2381.390	52.26	-7.34	44.92	74.00	-29.08	peak
2	2390.000	49.15	-7.30	41.85	74.00	-32.15	peak
3	2401.630	112.56	-7.26	105.30	74.00	31.30	peak

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:	2402 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



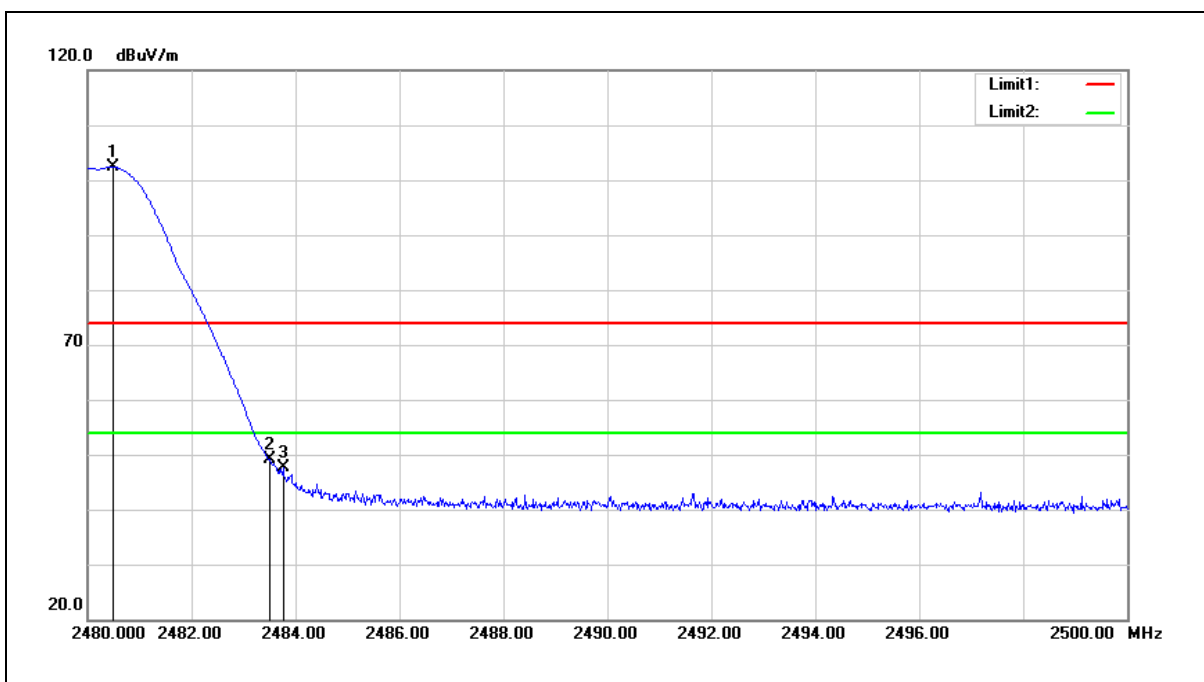
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2381.720	49.13	-7.34	41.79	74.00	-32.21	peak
2	2390.000	47.05	-7.30	39.75	74.00	-34.25	peak
3	2401.850	108.19	-7.25	100.94	74.00	26.94	peak

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:	2480 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



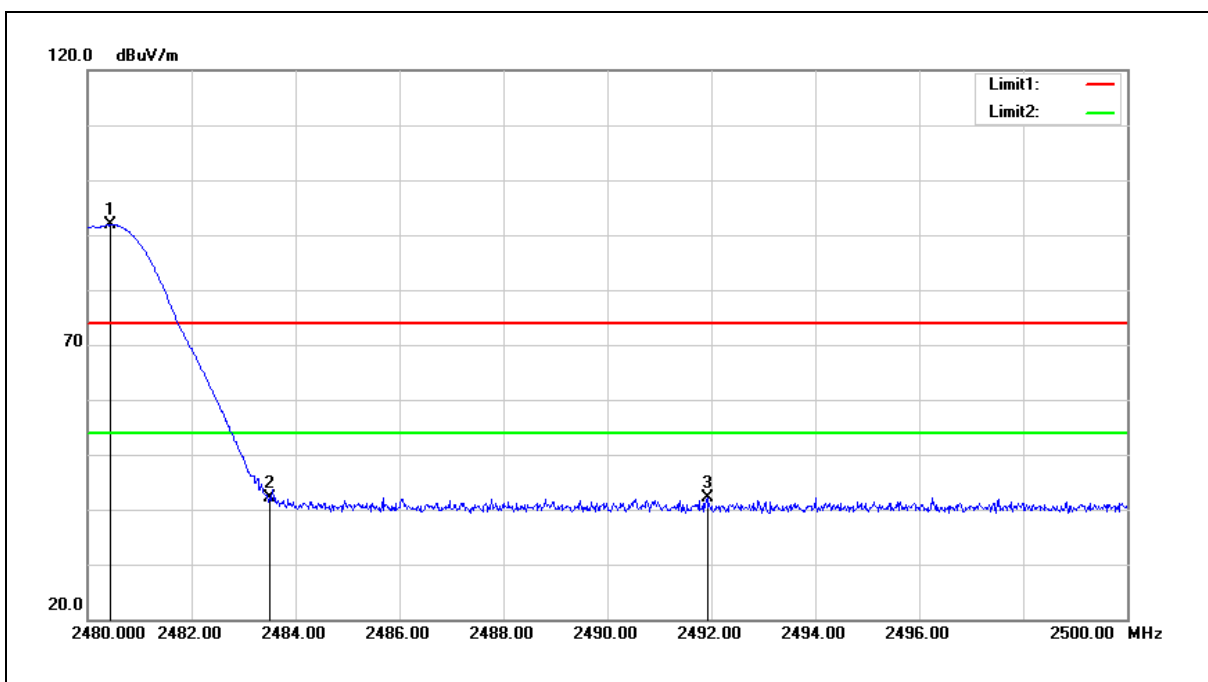
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.480	109.29	-6.94	102.35	74.00	28.35	peak
2	2483.500	56.14	-6.94	49.20	74.00	-24.80	peak
3	2483.760	54.45	-6.94	47.51	74.00	-26.49	peak

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:	3 m
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	2480.440	98.77	-6.94	91.83	74.00	17.83	peak
2	2483.500	49.17	-6.94	42.23	74.00	-31.77	peak
3	2491.920	48.91	-6.90	42.01	74.00	-31.99	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.

5.3 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	6.91	0.00491	6.93	0.00493	≤ 1
中頻道	7.04	0.00506	7.07	0.00509	≤ 1
高頻道	6.09	0.00406	6.12	0.00409	≤ 1

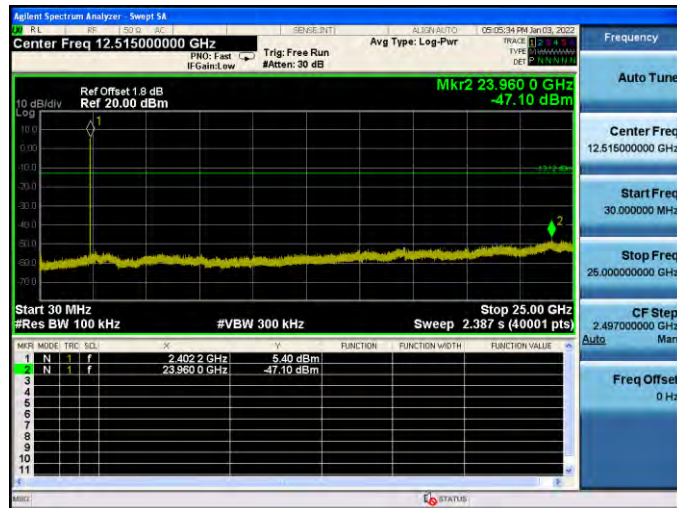
操作模式 : Mode 3: 2LE, GFSK Continuous TX Mode					
頻道	輸出功率(Average)		輸出功率(Peak)		限制值
	dBm	W	dBm	W	W
低頻道	8.77	0.00753	8.79	0.00757	≤ 1
中頻道	8.82	0.00762	8.84	0.00766	≤ 1
高頻道	7.98	0.00628	8.01	0.00632	≤ 1

非必要頻帶之量測

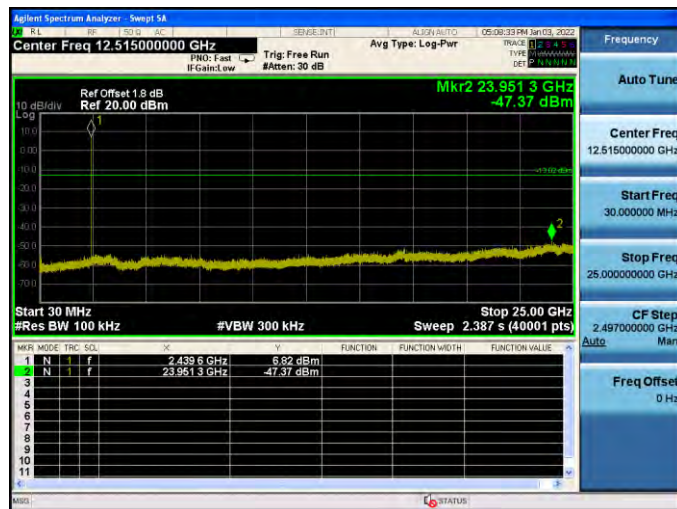
Out of Band Conducted Spurious Emission

Mode 2: LE, GFSK Continuous TX Mode

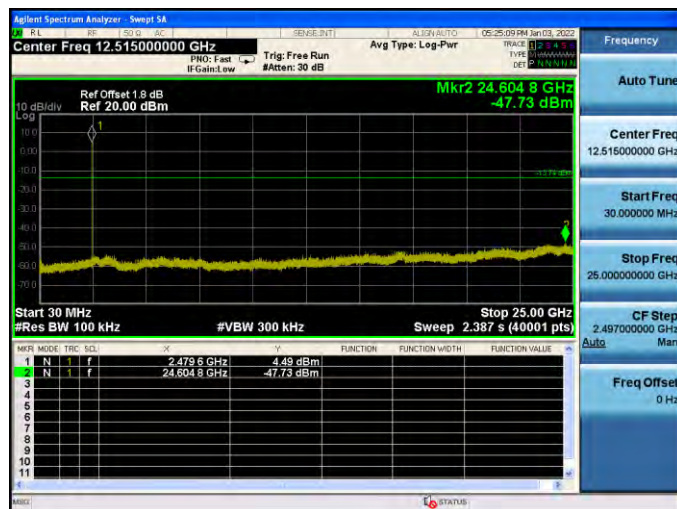
低頻道



中頻道

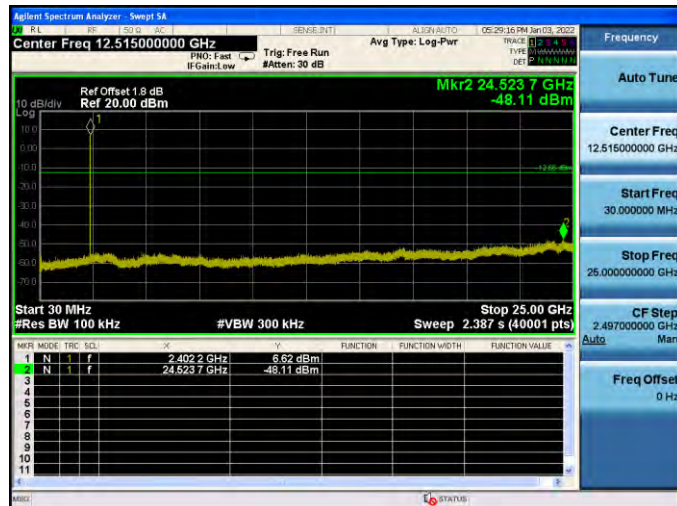


高頻道

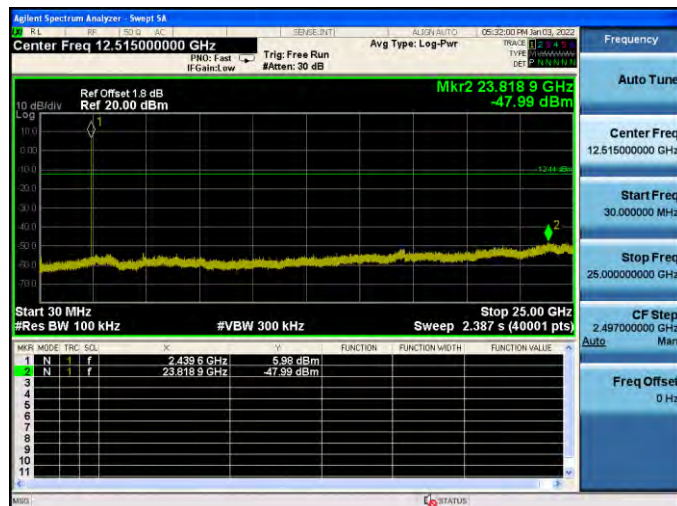


Mode 3: 2LE, GFSK Continuous TX Mode

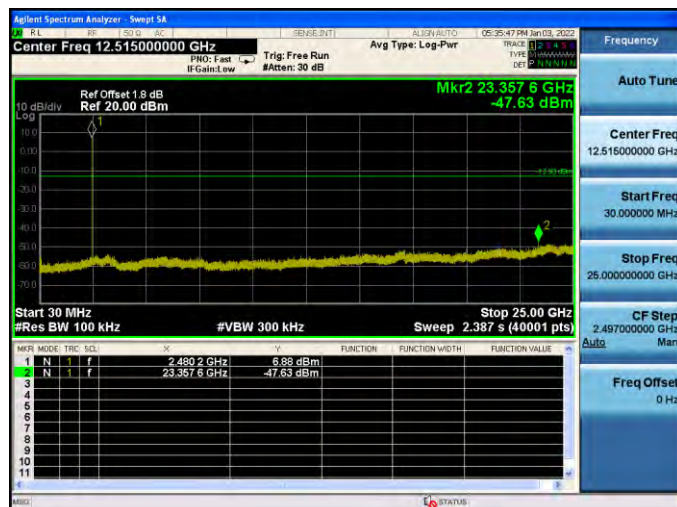
低頻道



中頻道



高頻道



Reference level

Mode 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



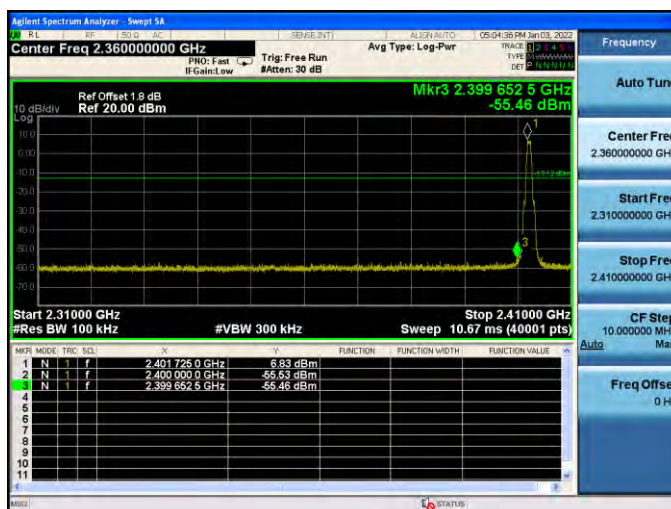
高頻道



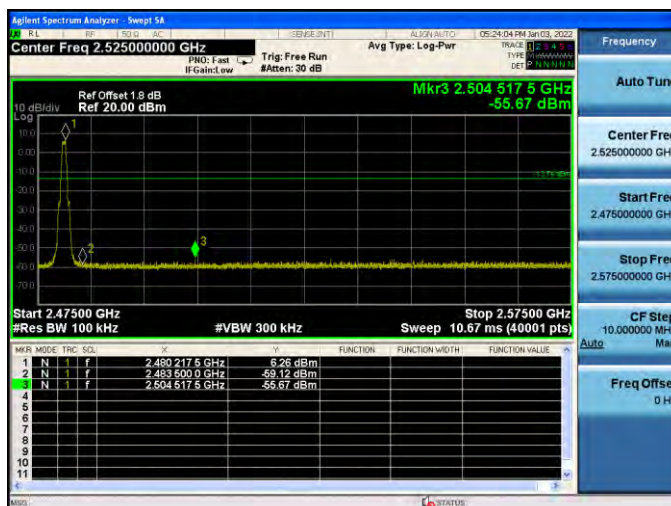
Conducted Band Edge

Mode 2: LE, GFSK Continuous TX Mode

低頻道

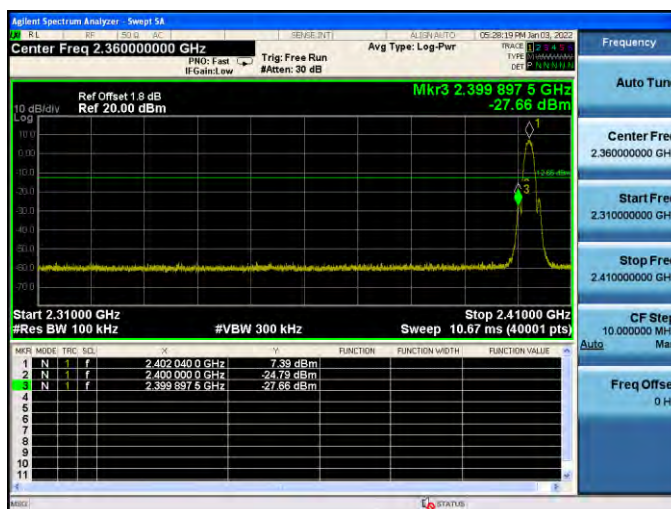


高頻道

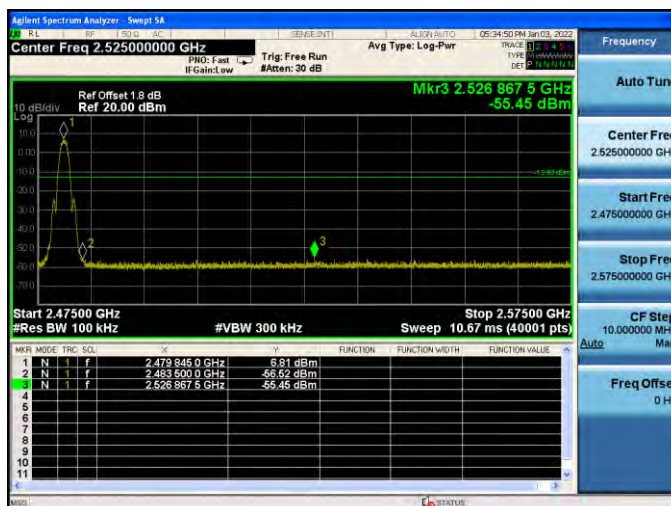


Mode 3: 2LE, GFSK Continuous TX Mode

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(6 dB)	
		量測值 (kHz)	限制值 (kHz)
Mode 2	低頻道	686.400	≥ 500
	中頻道	674.200	≥ 500
	高頻道	686.400	≥ 500
Mode 3	低頻道	1368.000	≥ 500
	中頻道	1360.000	≥ 500
	高頻道	1438.000	≥ 500

Mode 2: LE, GFSK Continuous TX Mode

低頻道

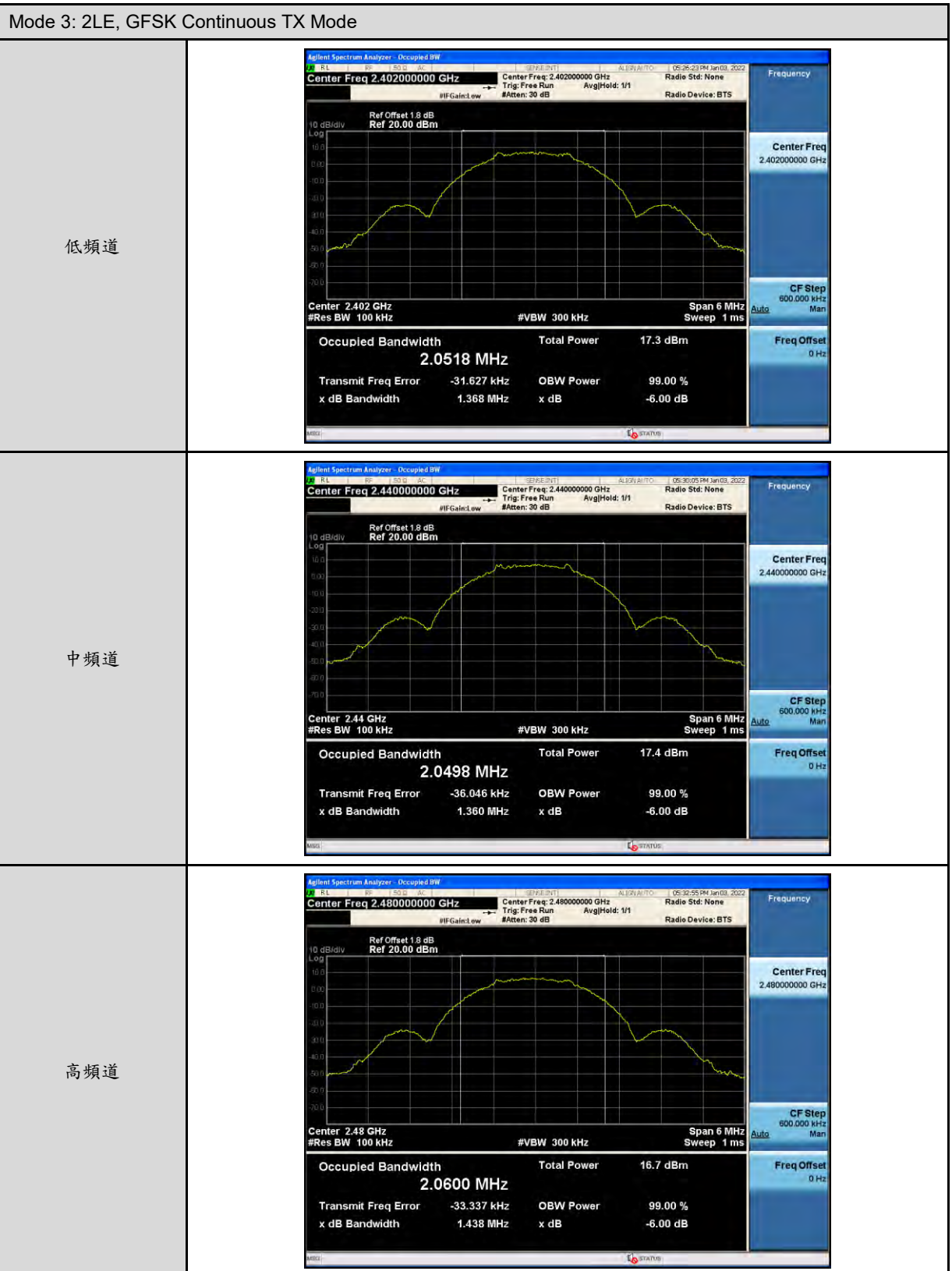


中頻道



高頻道



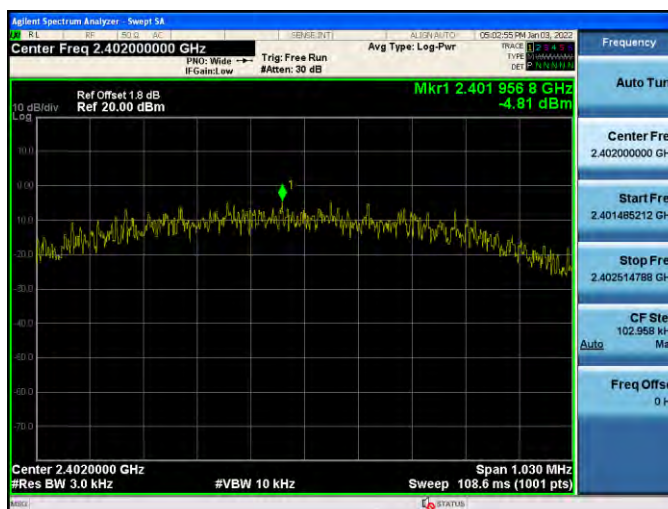


功率密度之要求

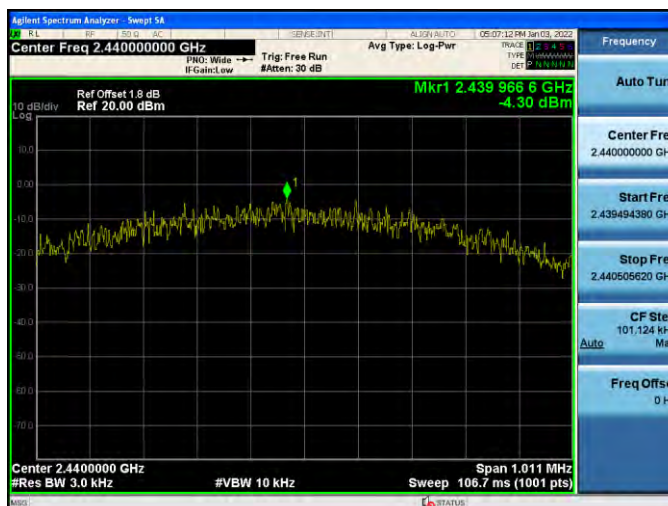
操作模式 : Mode 2: LE, GFSK Continuous TX Mode Mode 3: 2LE, GFSK Continuous TX Mode			
操作模式	頻道	量測值 (dBm/3 kHz)	限制值 (dBm/3 kHz)
Mode 2	低頻道	-4.810	≤ 8
	中頻道	-4.300	≤ 8
	高頻道	-5.560	≤ 8
Mode 3	低頻道	-5.060	≤ 8
	中頻道	-3.900	≤ 8
	高頻道	-5.510	≤ 8

Mode 2: LE, GFSK Continuous TX Mode

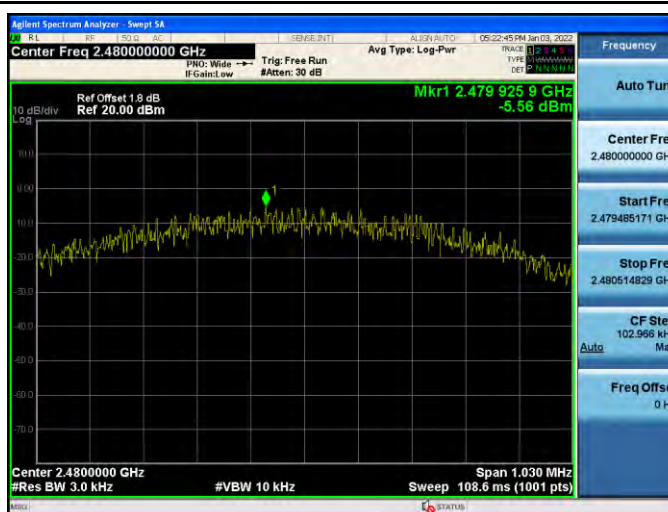
低頻道



中頻道



高頻道

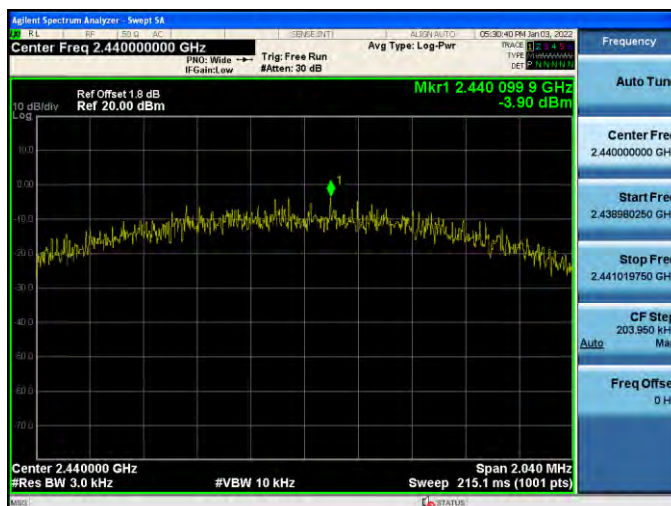


Mode 3: 2LE, GFSK Continuous TX Mode

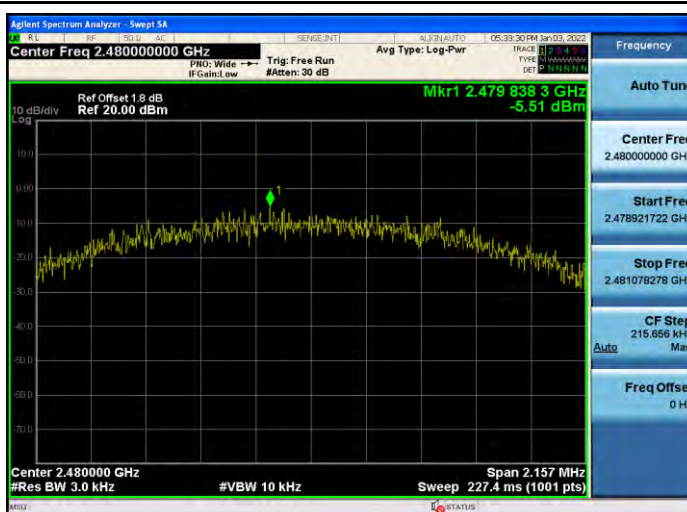
低頻道



中頻道



高頻道



6. EUT Photos

請參照 文件編號: 21-1571_EUT External Photos 和 21-1571_EUT Internal Photos 。

---END---