



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 2009DR65

版本(Rev.) 00

產品名稱 HUAWEI FreeBuds Studio

申請廠商 訊嵐技術有限公司

廠 牌 HUAWEI

型式 (號) M0001

產品試驗依據之標準 低功率射頻器材技術規範(LP0002) 109 年 07 月 01 日

報告發行日期 109 年 10 月 05 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	109 年 10 月 05 日	初版發行	趙翊如

低功率射頻器材測試證明書

產品名稱：HUAWEI FreeBuds Studio

廠牌：HUAWEI

型號：M0001

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 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：低功率射頻器材技術規範(LP0002) 109年07月01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)

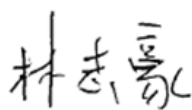
樣品受理日期：109 年 09 月 17 日

試驗日期：109 年 09 月 21 日 ~ 109 年 09 月 23 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：



(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	HUAWEI FreeBuds Studio				
廠 牌	HUAWEI				
型 號	M0001				
額 定 電 源	DC 5 V, 2 A				
調 變 方 式	GFSK, π/4-DQPSK, 8DPSK				
頻 率 使 用 範 圍	2402 MHz – 2480 MHz				
天 線 資 訊	Antenna	廠牌	型號	型態	增益值(dBi)
	右耳(Right) Ant-0	Innacoustic	24022967	FPCB Antenna	4.7
	右耳(Right) Ant-1				4.0
	左耳(Left) Ant-0				4.6
	左耳(Left) Ant-1				2.7
RF 最大輸出功率	右耳(Right) Ant-1				
	BR, GFSK:	10.13	dBm/	0.01030	W
	EDR, π/4-DQPSK:	8.96	dBm/	0.00787	W
	EDR, 8DPSK:	9.29	dBm/	0.00849	W
	LE, GFSK:	2.48	dBm/	0.00177	W
	2LE, GFSK:	2.52	dBm/	0.00179	W
	左耳(Left) Ant-1				
	BR, GFSK:	10.46	dBm/	0.01112	W
	EDR, π/4-DQPSK:	9.59	dBm/	0.00910	W
	EDR, 8DPSK:	9.60	dBm/	0.00912	W
	LE, GFSK:	2.84	dBm/	0.00192	W
	2LE, GFSK:	2.86	dBm/	0.00193	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 (DC IN)	1	連接至電源供應器/ Notebook

附屬裝置表:

裝置名稱	廠牌	型號	備註
內建固定式電池	HUAWEI	HB681636ECW	3.82 VDC, 410 mAh x 2 製造商：新能源科技有限公司
USB Cable(1)	HUAWEI	18-93C2CHO-001HF	STD-A → Type-C Shielded, 1.0 m 製造商：聯基實業（江西）有限公司
USB Cable(2)	HUAWEI	WA0020	STD-A → Type-C Shielded, 1.0 m 製造商：廣西博祿德電子有限公司
USB Cable(3)	HUAWEI	L99UC131-CS-H	STD-A → Type-C Shielded, 1.0 m 製造商：立訊精密（越南）有限公司
USB Cable(4)	HUAWEI	203-1572-0	STD-A → Type-C Shielded, 1.0 m 製造商：江西錦寶科技有限公司
USB Cable(5)	HUAWEI	CUDU01B-HC295-EH	STD-A → Type-C Shielded, 1.0 m 製造商：富譽電子科技（淮安）有限公司
USB Cable(6)	HUAWEI	330-50507	STD-A → Type-C Shielded, 1.0 m 製造商：德州泓巨通訊科技有限公司

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 (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: Sep. 21 ~ Sep. 23, 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	N1911A	MY45101619	12/11/2019	1 year
Power Meter	Agilent	N1921A	MY45241957	12/11/2019	1 year
Wireless Connectivity Tester	R & S	CMW270	102208	06/18/2020	1 year

For Conducted Emission

Test Period: Sep. 23, 2020

測試者: 呂迪曄

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

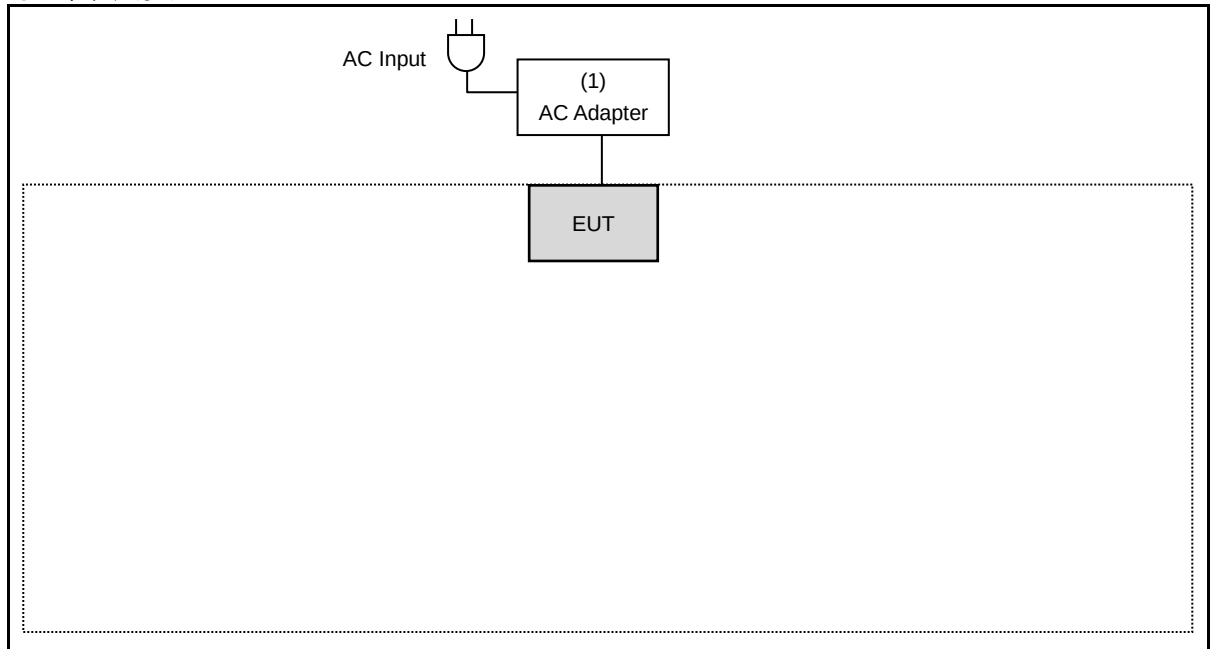
Test Period: Sep. 22 ~ Sep. 23, 2020

測試者: 葉佳原, 廖經雄

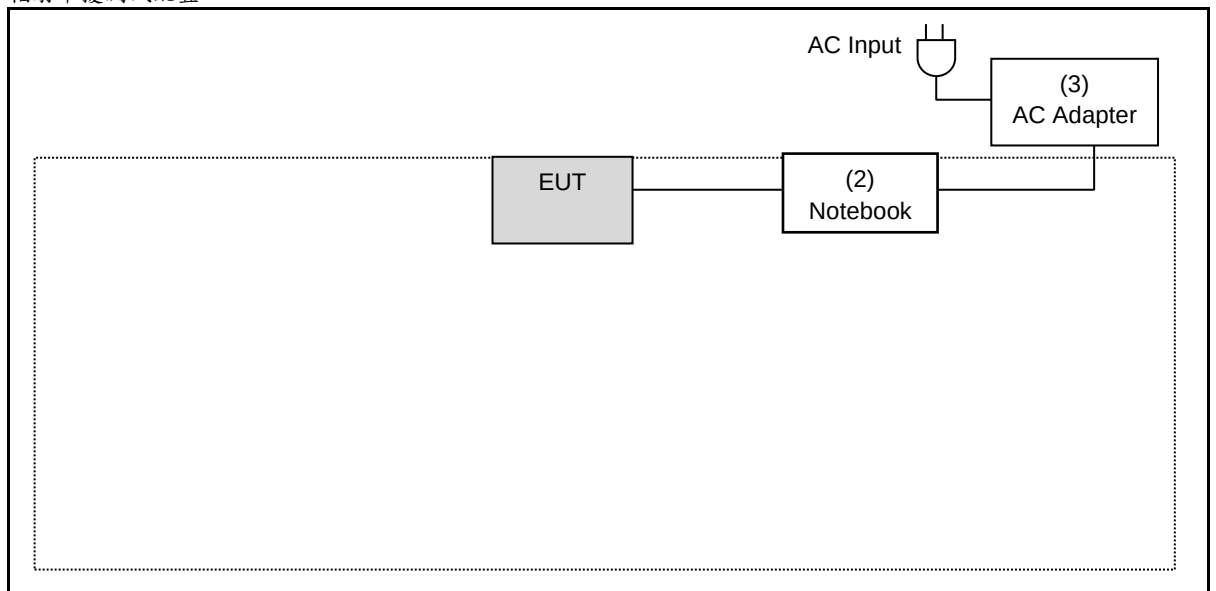
名稱	廠牌	型號	序號	本次校驗日期	校驗年限
Spectrum Analyzer	KEYSIGHT	N9030B	MY57143537	04/14/2020	1 year
Amplifier	Agilent	8449B	3008A02237	10/18/2019	1 year
Amplifier	Agilent	8447D	2944A11119	01/15/2020	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	01146	07/03/2020	1 year
天線(1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	02207	06/30/2020	1 year
天線(18~40 GHz)	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)	AC Adapter	HUAWEI	HW-090200UH0	---	---	INPUT : 100-240 VDC, 50/60 Hz, 0.5 A OUTPUT : 5 VDC, 2 A or 9 VDC, 2 A (實驗室提供)
(2)	Notebook	HP	HP541	CNU9181SCN	---	(實驗室提供)
(3)	AC Adapter	HP	Series PPP014L-S	---	Non-Shielded, 0.8 m	INPUT : 100-240 VDC, 50/60 Hz, 2.4 A OUTPUT : 19 VDC, 4.74 A (實驗室提供)

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。

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: Charge Mode
Mode 2: BR, GFSK Continuous TX Mode
Mode 3: EDR, $\pi/4$ -DQPSK Continuous TX Mode
Mode 4: EDR, 8DPSK Continuous TX Mode
Mode 5: LE, GFSK Continuous TX Mode
Mode 6: 2LE, GFSK Continuous TX Mode
Mode 7: Receiver Mode

Final-Test Mode
Mode 1: Charge Mode
Mode 2: BR, GFSK Continuous TX Mode
Mode 4: EDR, 8DPSK Continuous TX Mode
Mode 5: LE, GFSK Continuous TX Mode
Mode 6: 2LE, GFSK Continuous TX Mode
Mode 7: Receiver Mode

Note1: 傳導功率右耳 ANT-1 is the worst case ; 傳導功率左耳 ANT-1 is the worst case

Note2: 場強輻射右耳 ANT-0 is the worst case ; 場強輻射左耳 ANT-0 is the worst case

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		
USB Cable(1)	V	V	V		
USB Cable(2)					
USB Cable(3)					
USB Cable(4)					
USB Cable(5)					
USB Cable(6)					
AC Adapter	V		---	測試週邊(1)	
Notebook	X	V	V	測試週邊(2)	Test Mode使用
AC Adapter	X	V	V	測試週邊(3)	Test Mode使用

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

--- : No evaluation required

Test Mode	Frequency (MHz)	Packet Type	RF Power setting in Test Software	Test Software Version
Mode 2	2402	DH1	Default	CMW 270
		DH3	Default	
		DH5	Default	
	2441	DH1	Default	
		DH3	Default	
		DH5	Default	
	2480	DH1	Default	
		DH3	Default	
		DH5	Default	
Mode 3	2402	2DH1	Default	
		2DH3	Default	
		2DH5	Default	
	2441	2DH1	Default	
		2DH3	Default	
		2DH5	Default	
	2480	2DH1	Default	
		2DH3	Default	
		2DH5	Default	
Mode 4	2402	3DH1	Default	
		3DH3	Default	
		3DH5	Default	
	2441	3DH1	Default	
		3DH3	Default	
		3DH5	Default	
	2480	3DH1	Default	
		3DH3	Default	
		3DH5	Default	

Test Mode	Frequency (MHz)	RF Power setting in Test Software	Test Software Version
Mode 5	2402	6	sscom5.13.1 v1.0.0.21
	2440	6	
	2480	6	

Test Mode	Frequency (MHz)	RF Power setting in Test Software	Test Software Version
Mode 6	2402	6	sscom5.13.1 v1.0.0.21
	2440	6	
	2480	6	

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 低功率射頻器材技術規範(LP0002)之檢驗法。

BR/EDR 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 3.8節、3.9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 3.8節、3.9節、4.10.1.5節	Annex B.	請參閱2.1節	符合
4	輸出峰值功率	低功率射頻器材技術規範 4.10.1.2(1)(B)節	Annex C.	請參閱2.1節	符合
5	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 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節	Annex C.	請參閱2.1節	符合
7	頻率範圍	低功率射頻器材技術規範 4.10.1.1節	Annex C.	請參閱2.1節	符合
8	發射頻寬	低功率射頻器材技術規範 4.10.1.6(1)(A)節	Annex C.	請參閱2.1節	符合
9	頻道數	低功率射頻器材技術規範 4.10.1.6(1)(A)(a)節	Annex C.	請參閱2.1節	符合
10	跳頻系統之載波頻率頻道間隔	低功率射頻器材技術規範 4.10.1.6(1)(A)節	Annex C.	請參閱2.1節	符合
11	跳頻系統之任一頻率佔用之 平均時間	低功率射頻器材技術規範 4.10.1.6(1)(A)(a)節	Annex C.	請參閱2.1節	符合
12	天線規格	低功率射頻器材技術規範 4.10.1.3(3)節、3.10.1.4節	請參閱4.11節	-----	符合
13	電波暴露量之評估	低功率射頻器材技術規範 6.20.2.1節、6.20.2.2節	請參閱4.12節	請參閱2.1節	符合

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 3.8節、3.9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 3.8節、3.9節、4.10.1.5節	Annex B.	請參閱2.1節	符合
4	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
5	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 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4.11節	-----	符合
10	電波暴露量之評估	低功率射頻器材技術規範 6.20.2.1節、6.20.2.2節	請參閱4.12節	請參閱2.1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。

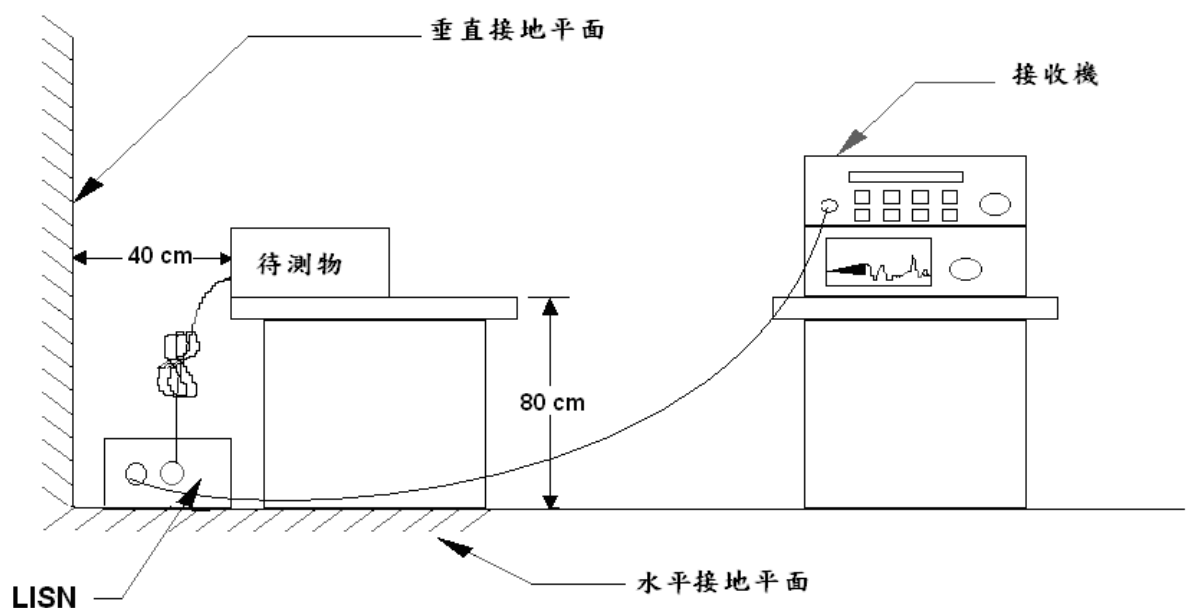
干擾值之計算

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 3.7 節禁用頻段之輻射發射，應符合第 3.8 節之規定。

依據 NCC 低功率射頻器材技術規範第 3.7 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 低功率射頻器材技術規範第 3.8 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。

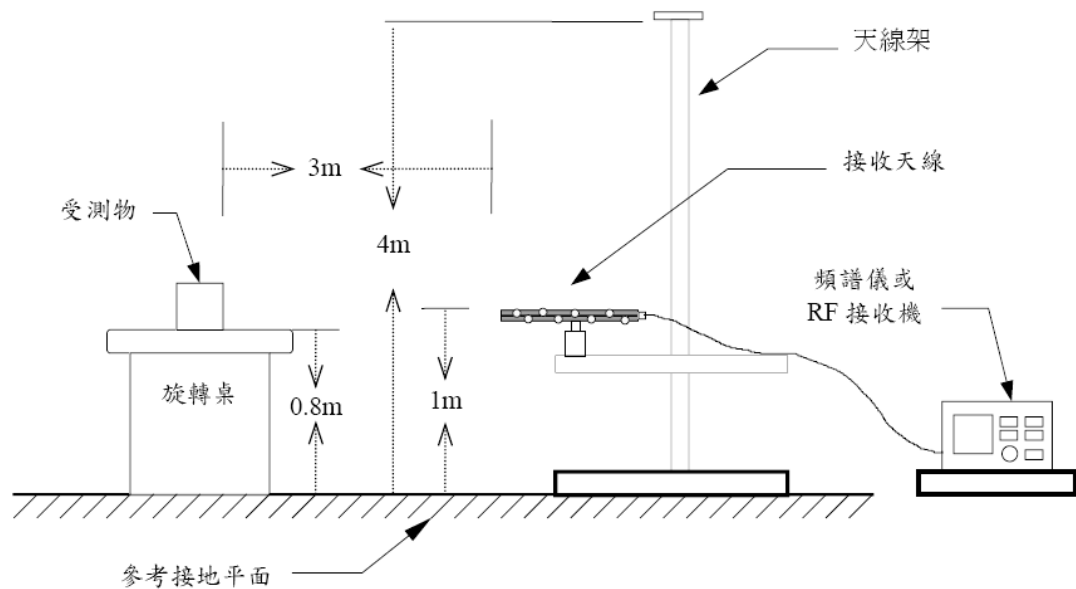
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

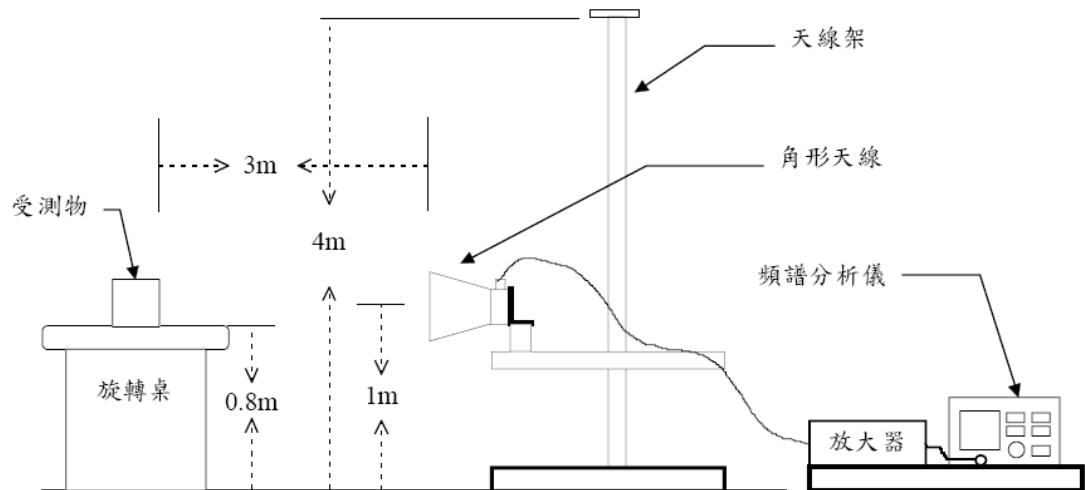
其中校正因子為：天線因子 + 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

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



4.3 輸出峰值功率之量測

合格標準：

BR/EDR

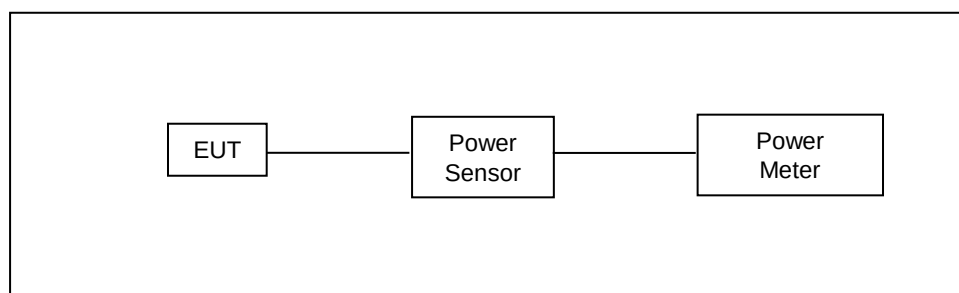
依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.2(1)(B)節之要求，所有操作於 2400-2483.5 兆赫且輸出功率應小於或等於 0.125 W。

LE

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：

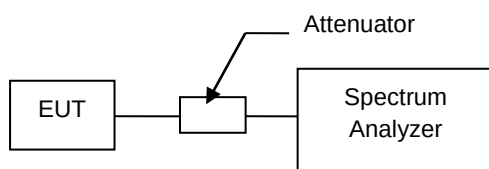


4.4 非必要頻帶之量測

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。

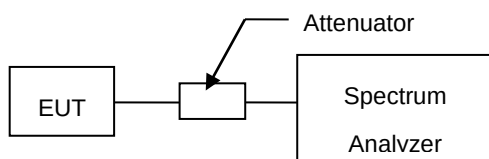
4.5 頻率範圍之要求

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.1 節之要求，允許使用的頻率範圍為 2400 至 2483.5 MHz。

測試架構圖：

測試場地測試配置如圖所示。



4.6 發射頻寬之要求

合格標準：

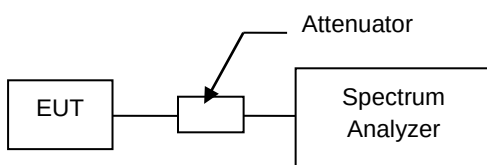
BR/EDR

對跳頻系統(Frequency Hopping System)而言，依據 NCC 低功率射頻器材技術規範 4.10.1.6(1)(A)節之要求，跳頻系統之載波頻率頻道間隔應至少 25 千赫(kHz)或跳頻頻道 20 dB 頻寬之三分之二，兩者取較寬者。系統之跳頻頻道應依虛擬亂數排列，在各頻率之跳頻頻道上跳躍。每一發射機必須均等的使用每一頻率。系統接收機應具有與發射機跳躍頻道頻寬相匹配之輸入頻寬，且應隨所發射的信號同步偏移接收頻率。

LE

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：

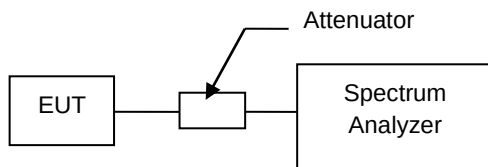


4.7 頻道數之要求

合格標準:

對跳頻系統(Frequency Hopping System)而言，依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.6(1)(A)(a)節之要求，至少使用 15 個無重疊之頻道(複合系統時，關閉數位調變作業狀態檢驗)。

測試架構圖：

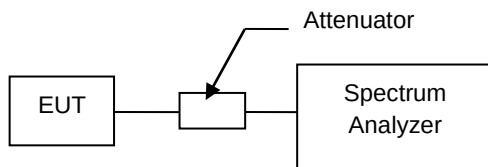


4.8 跳頻系統之載波頻率頻道間隔之量測

合格標準:

依據 NCC 低功率射頻器材技術規範(LP0002) 之 4.10.1.6(1)(A)節要求，應至少 25 kHz 或跳頻頻道之 20 dB 頻寬之三分之二，兩者取較寬者。

測試架構圖：

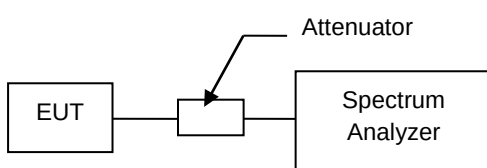


4.9 跳頻系統之任一頻率佔用之平均時間之量測

合格標準:

依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.6(1)(A)(a)節之要求，若使用 15 個無重疊之頻道，在 0.4 秒乘以跳頻頻道數之週期內，任一頻道佔用之平均時間不得超過 0.4 秒(複合系統時，關閉跳頻作業狀態檢驗)。

測試架構圖：



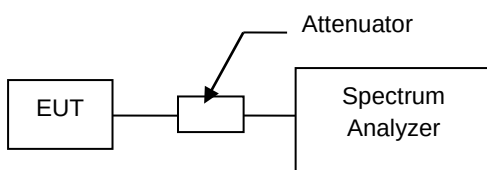
4.10 功率密度之要求

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：

測試場地測試配置如圖所示。



4.11 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。

4.12 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：

6.20.2.1 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。

6.20.2.2 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

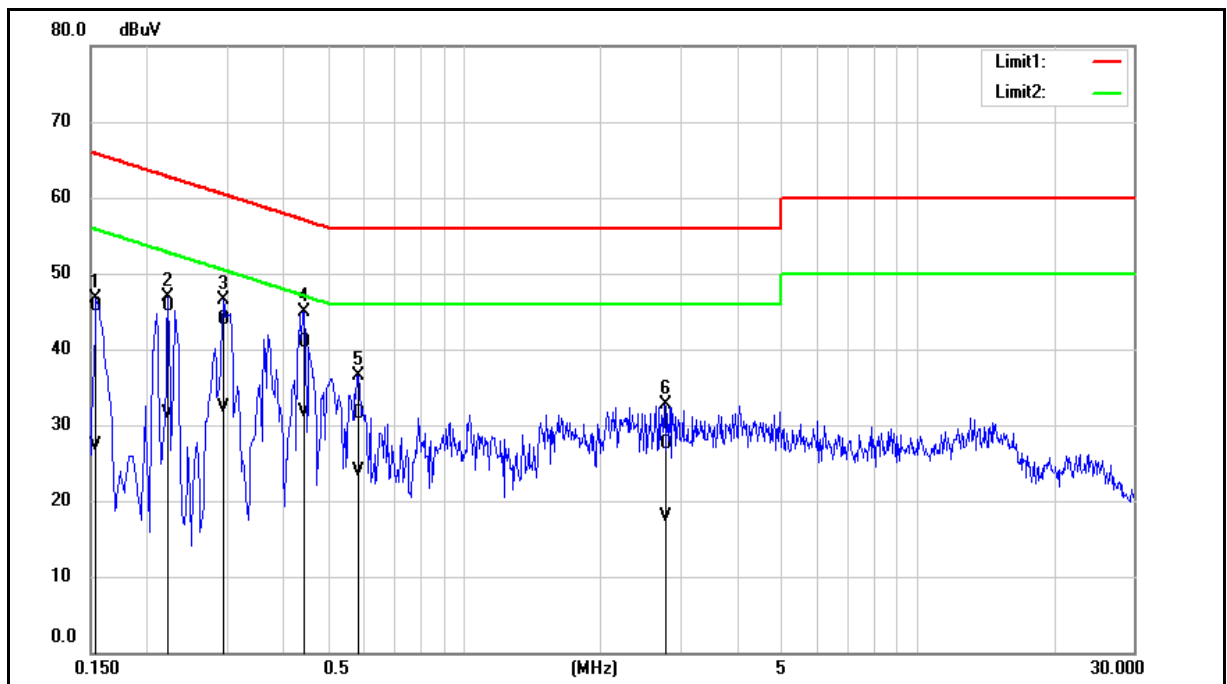
註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

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:			

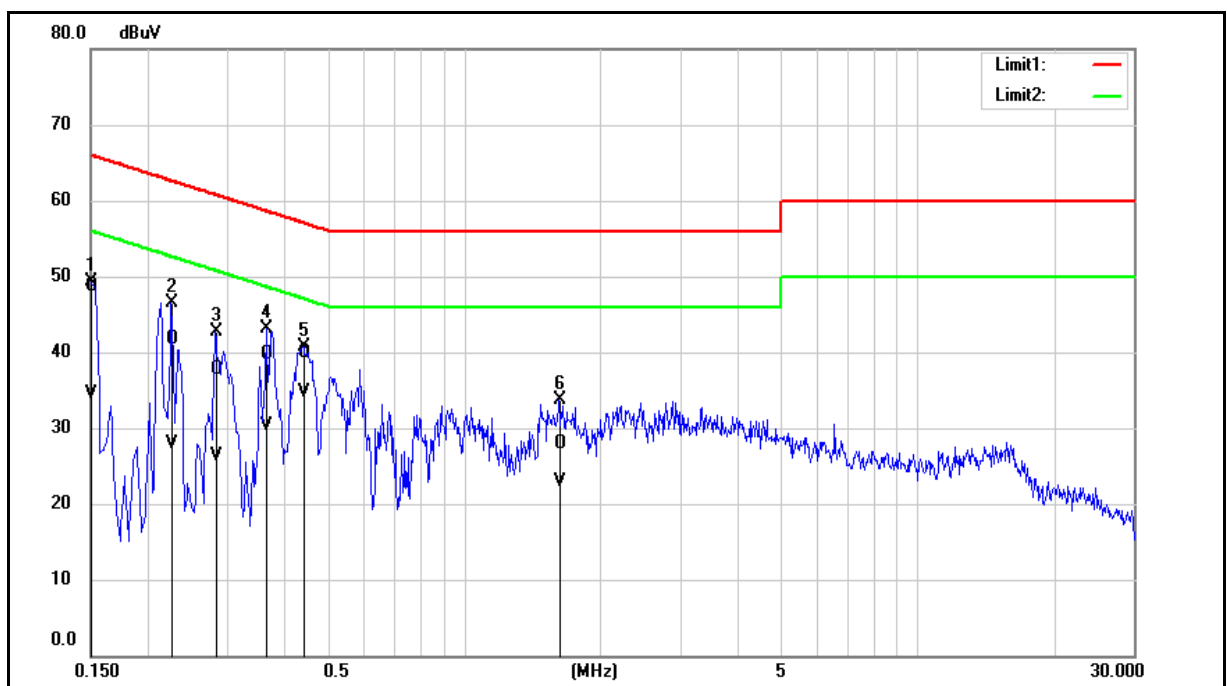


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1540	35.96	17.62	9.70	45.66	27.32	65.78	55.78	-20.12	-28.46	Pass
2	0.2220	36.02	21.72	9.70	45.72	31.42	62.74	52.74	-17.02	-21.32	Pass
3	0.2940	34.18	22.61	9.71	43.89	32.32	60.41	50.41	-16.52	-18.09	Pass
4	0.4420	31.23	21.95	9.71	40.94	31.66	57.02	47.02	-16.08	-15.36	Pass
5	0.5820	21.81	14.11	9.71	31.52	23.82	56.00	46.00	-24.48	-22.18	Pass
6	2.7780	17.64	8.15	9.77	27.41	17.92	56.00	46.00	-28.59	-28.08	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	39.01	24.87	9.69	48.70	34.56	66.00	56.00	-17.30	-21.44	Pass
2	0.2260	32.01	18.13	9.69	41.70	27.82	62.60	52.60	-20.90	-24.78	Pass
3	0.2820	27.93	16.68	9.70	37.63	26.38	60.76	50.76	-23.13	-24.38	Pass
4	0.3660	29.98	20.52	9.69	39.67	30.21	58.59	48.59	-18.92	-18.38	Pass
5	0.4420	30.30	25.05	9.70	40.00	34.75	57.02	47.02	-17.02	-12.27	Pass
6	1.6260	18.18	13.19	9.74	27.92	22.93	56.00	46.00	-28.08	-23.07	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

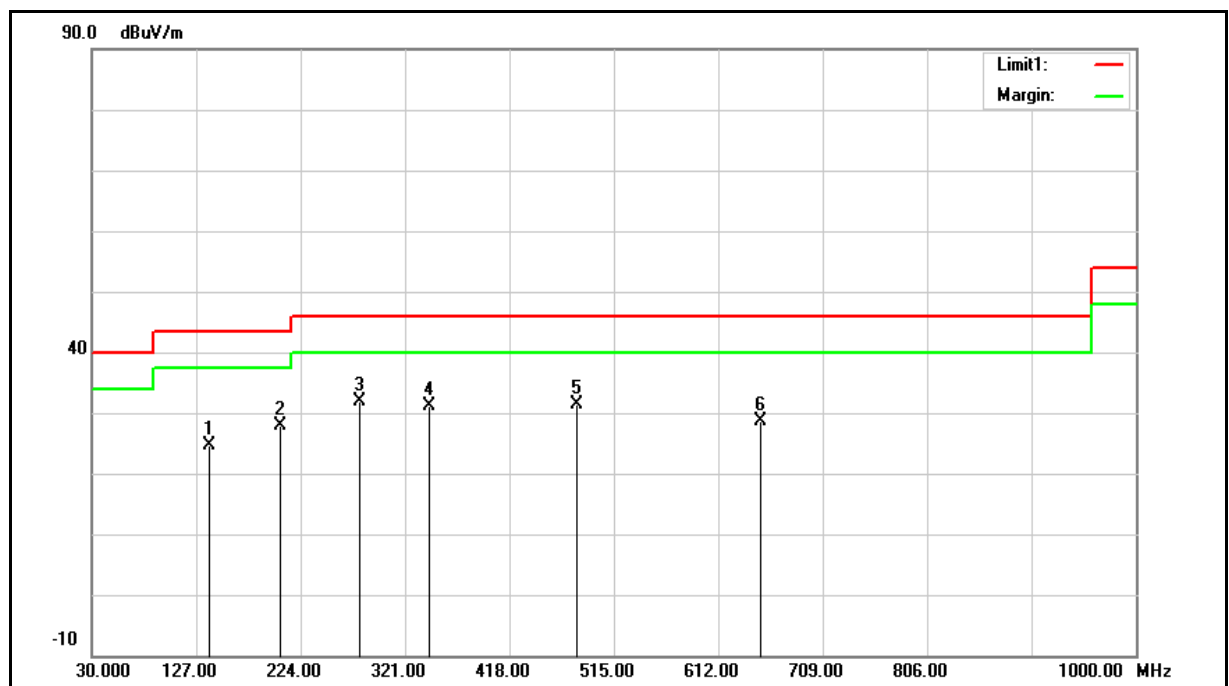
2. 校正係數(dB) = 量測信號線損失(dB) + 電源阻抗模擬網路係數(dB)。

Annex B. Radiated Emission Measurement

右耳(Right) Ant-0

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
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	139.6100	32.68	-8.08	24.60	43.50	-18.90	QP
2	205.5700	37.85	-9.94	27.91	43.50	-15.59	QP
3	279.2900	38.90	-7.11	31.79	46.00	-14.21	QP
4	343.3100	36.95	-5.78	31.17	46.00	-14.83	QP
5	480.0800	35.11	-3.81	31.30	46.00	-14.70	QP
6	650.8000	29.38	-0.77	28.61	46.00	-17.39	QP

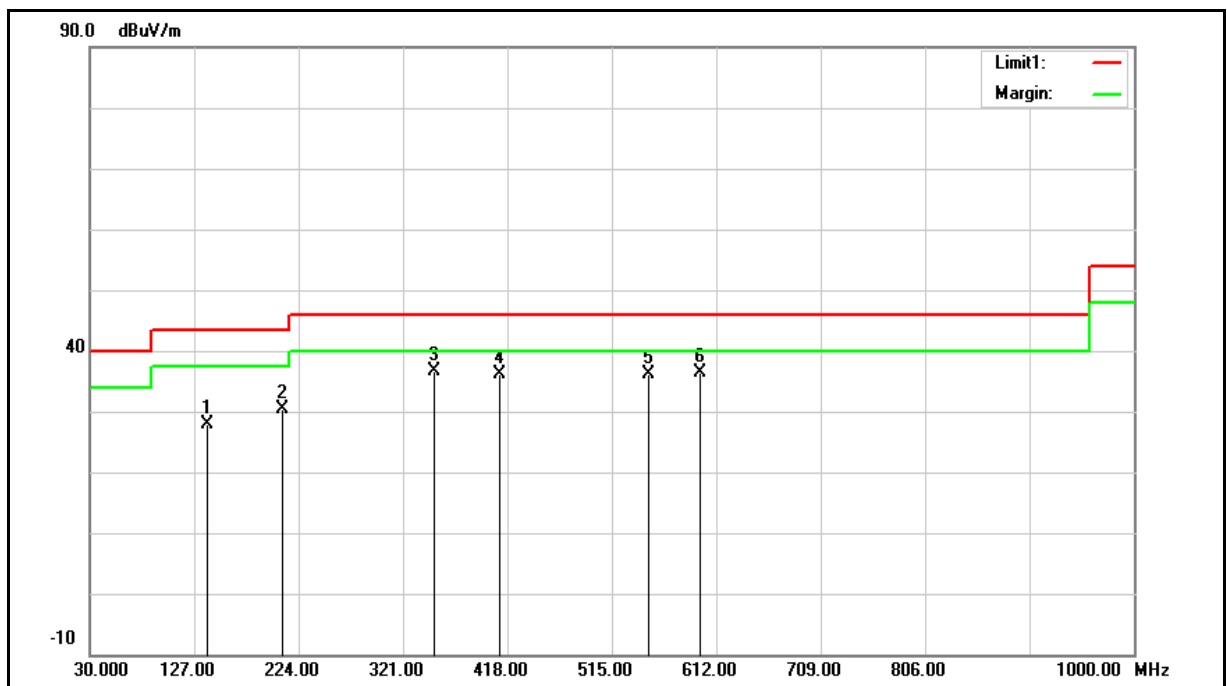
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $24.60 = -8.08 + 32.68$

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:	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	139.6100	35.87	-8.08	27.79	43.50	-15.71	QP
2	209.4500	40.28	-9.89	30.39	43.50	-13.11	QP
3	350.1000	42.18	-5.66	36.52	46.00	-9.48	QP
4	411.2100	40.79	-4.63	36.16	46.00	-9.84	QP
5	548.9500	38.62	-2.53	36.09	46.00	-9.91	QP
6	597.4500	37.68	-1.40	36.28	46.00	-9.72	QP

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

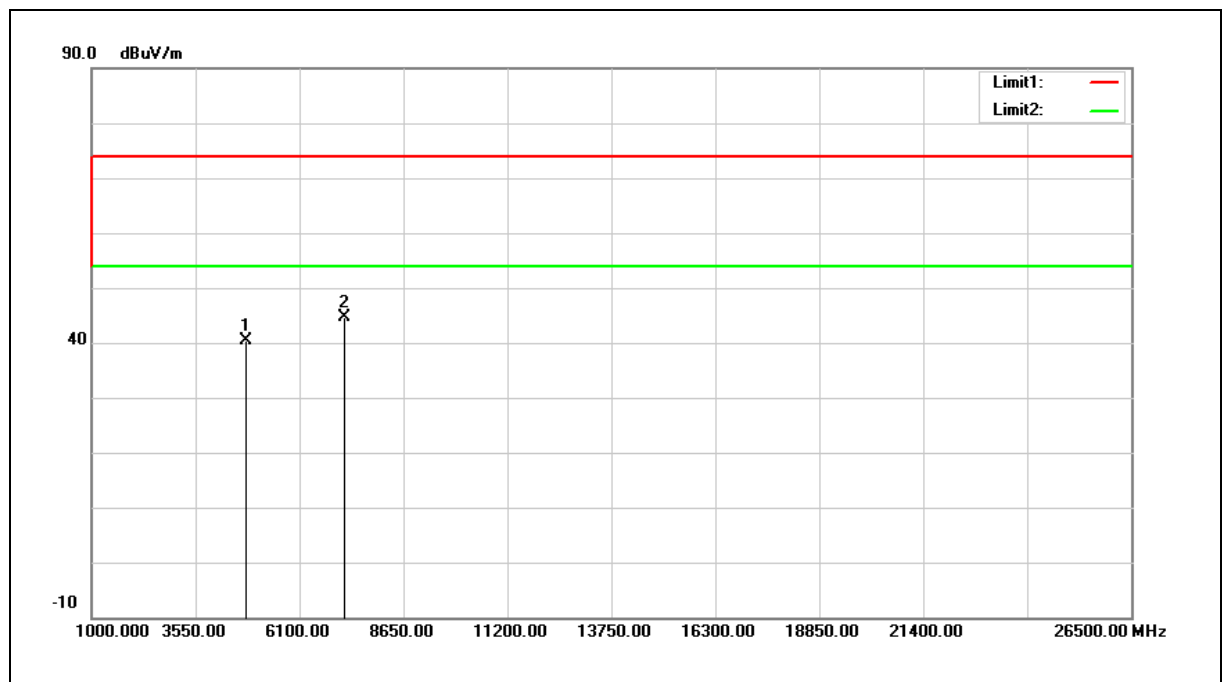
Example: $27.79 = -8.08 + 35.87$

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	37.56	2.80	40.36	74.00	-33.64	peak
2	7206.000	35.91	8.82	44.73	74.00	-29.27	peak

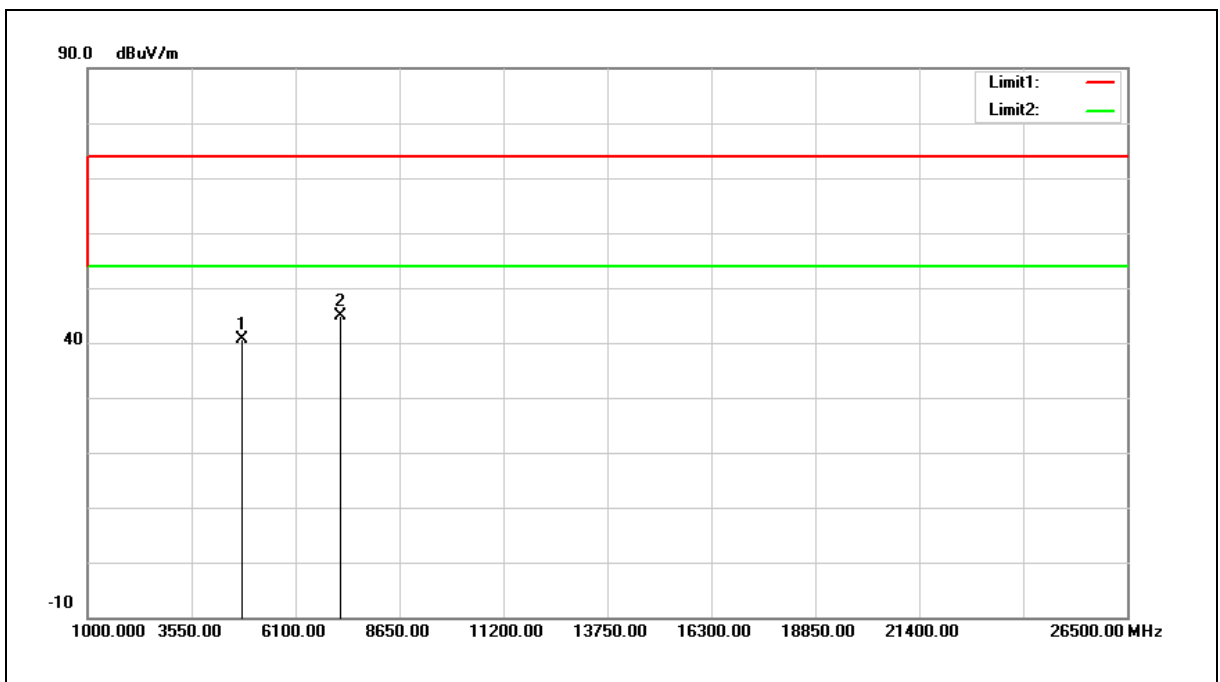
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $40.36 = 2.80 + 37.56$

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	4804.000	37.75	2.80	40.55	74.00	-33.45	peak
2	7206.000	35.98	8.82	44.80	74.00	-29.20	peak

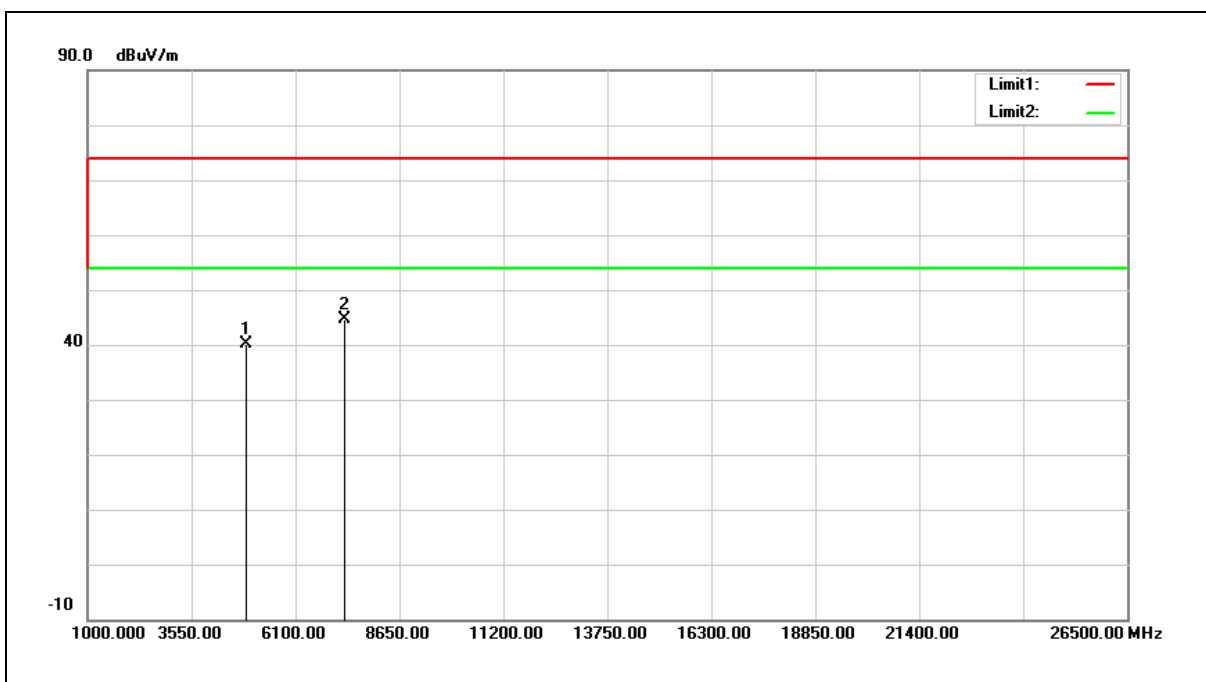
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $40.55 = 2.80 + 37.75$

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:	2441 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



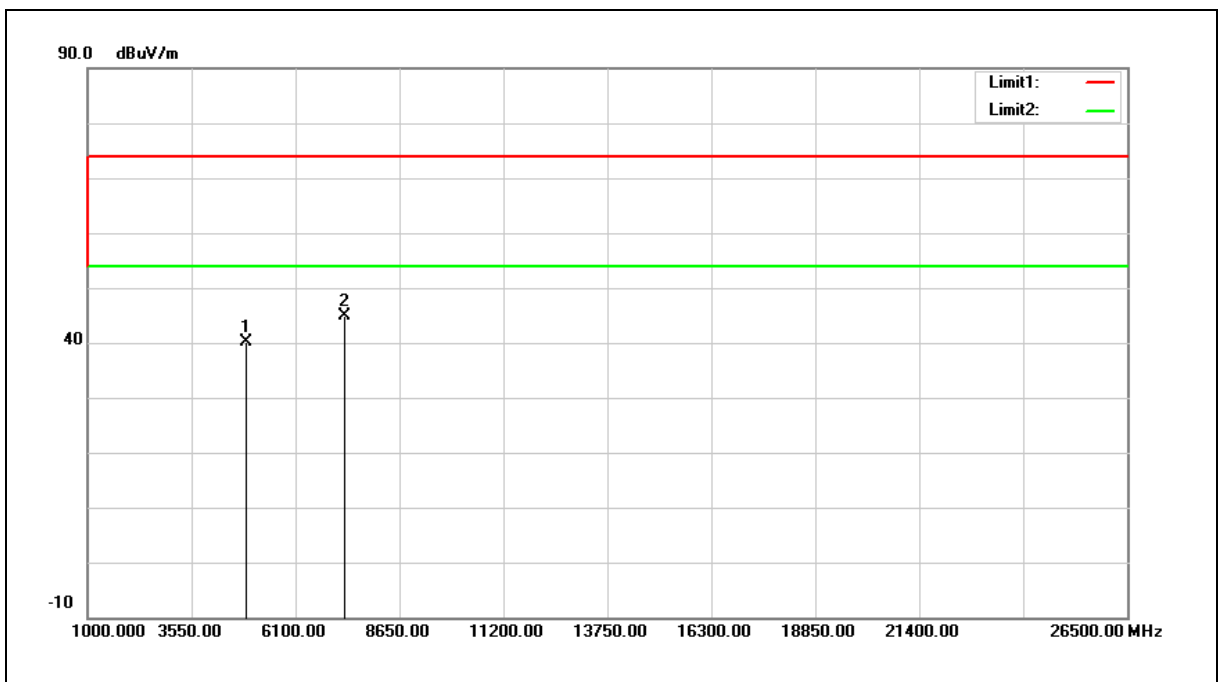
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	37.27	2.98	40.25	74.00	-33.75	peak
2	7323.000	35.57	9.18	44.75	74.00	-29.25	peak

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:	2441 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



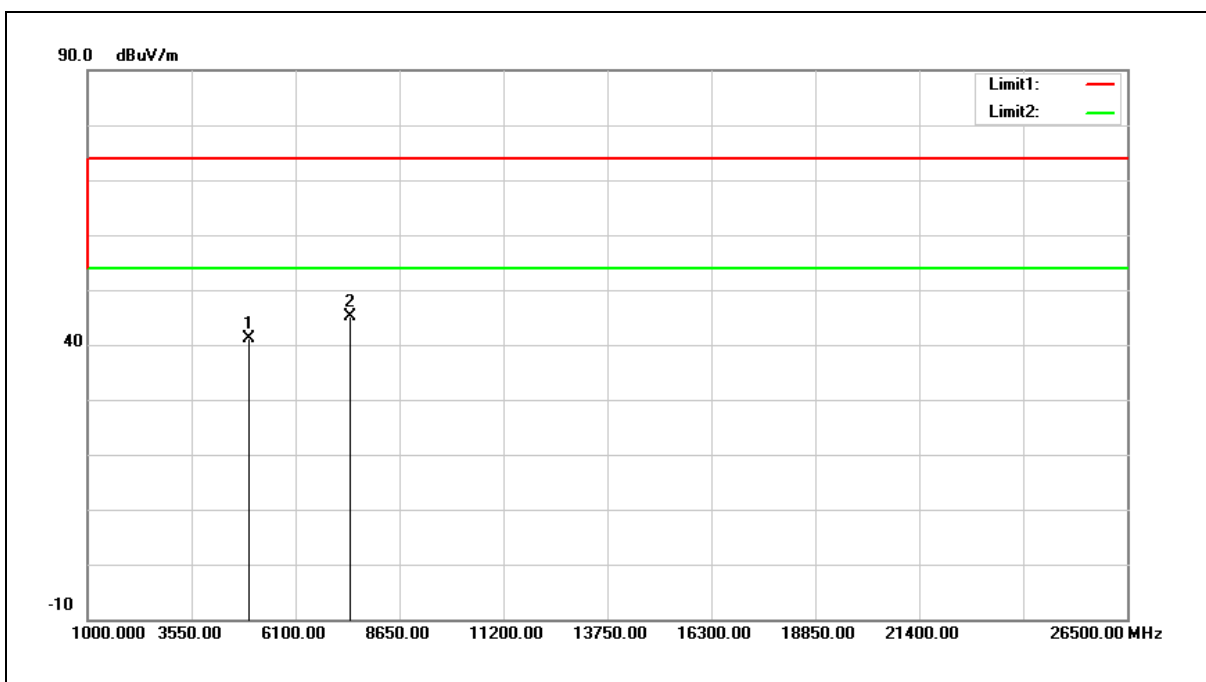
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	37.13	2.98	40.11	74.00	-33.89	peak
2	7323.000	35.78	9.18	44.96	74.00	-29.04	peak

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



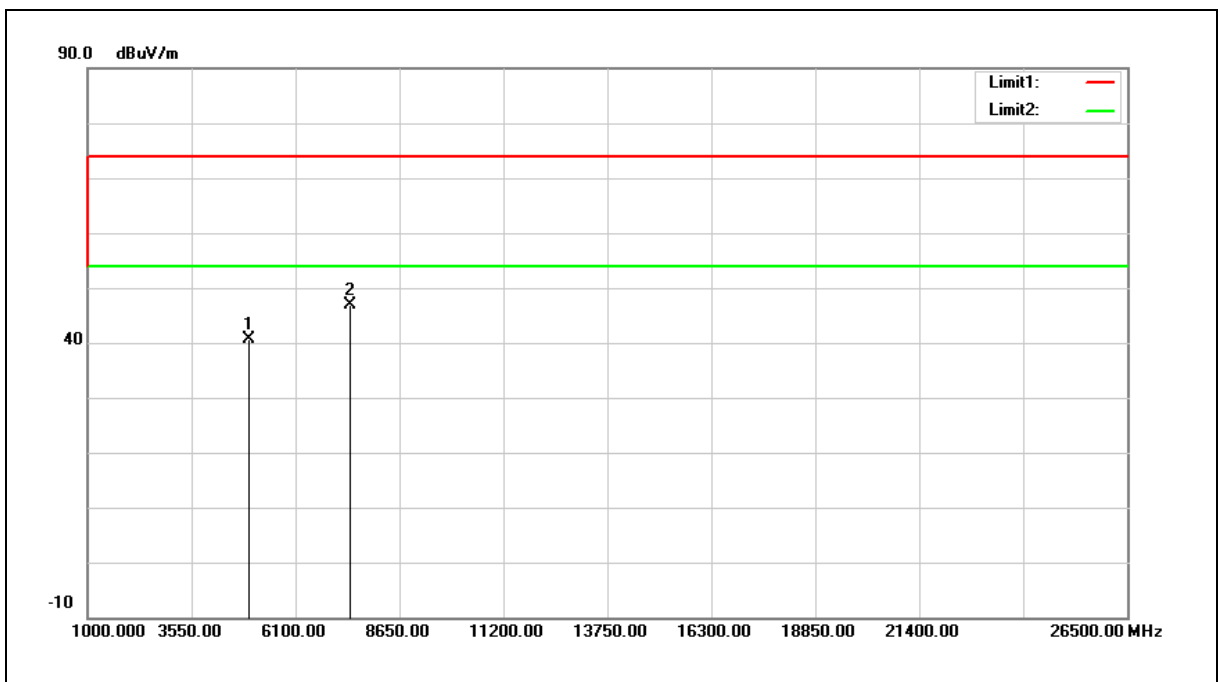
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	37.88	3.17	41.05	74.00	-32.95	peak
2	7440.000	35.65	9.55	45.20	74.00	-28.80	peak

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



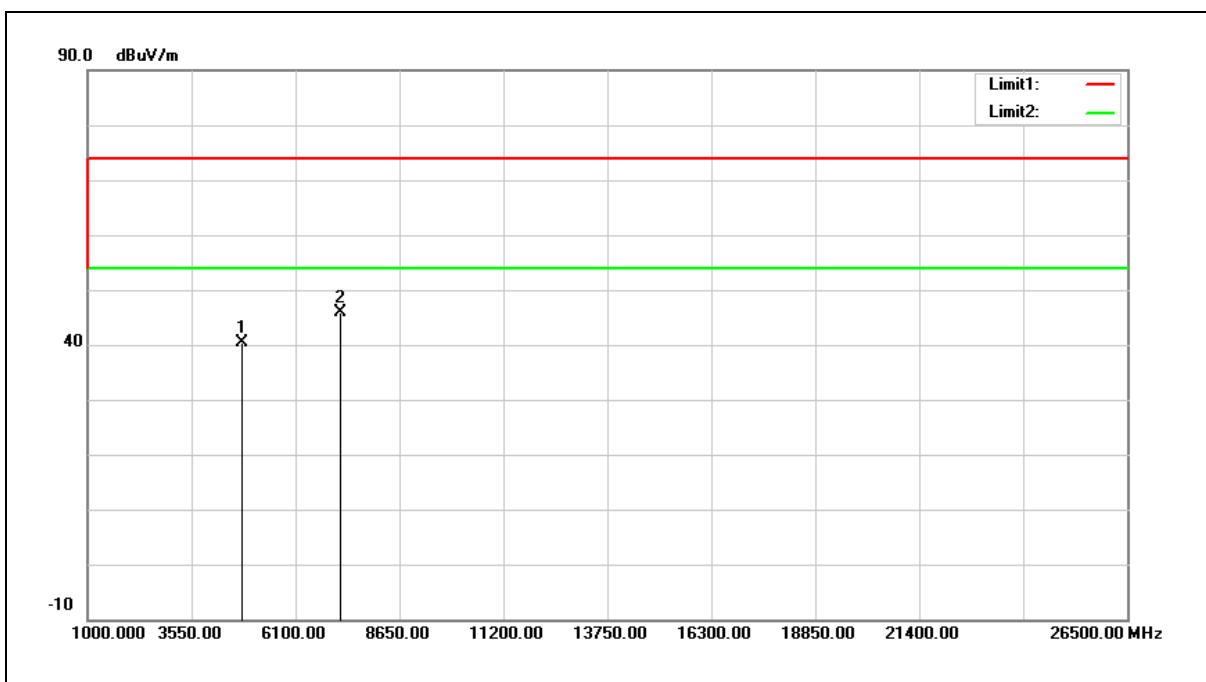
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	37.56	3.17	40.73	74.00	-33.27	peak
2	7440.000	37.25	9.55	46.80	74.00	-27.20	peak

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:	2402 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



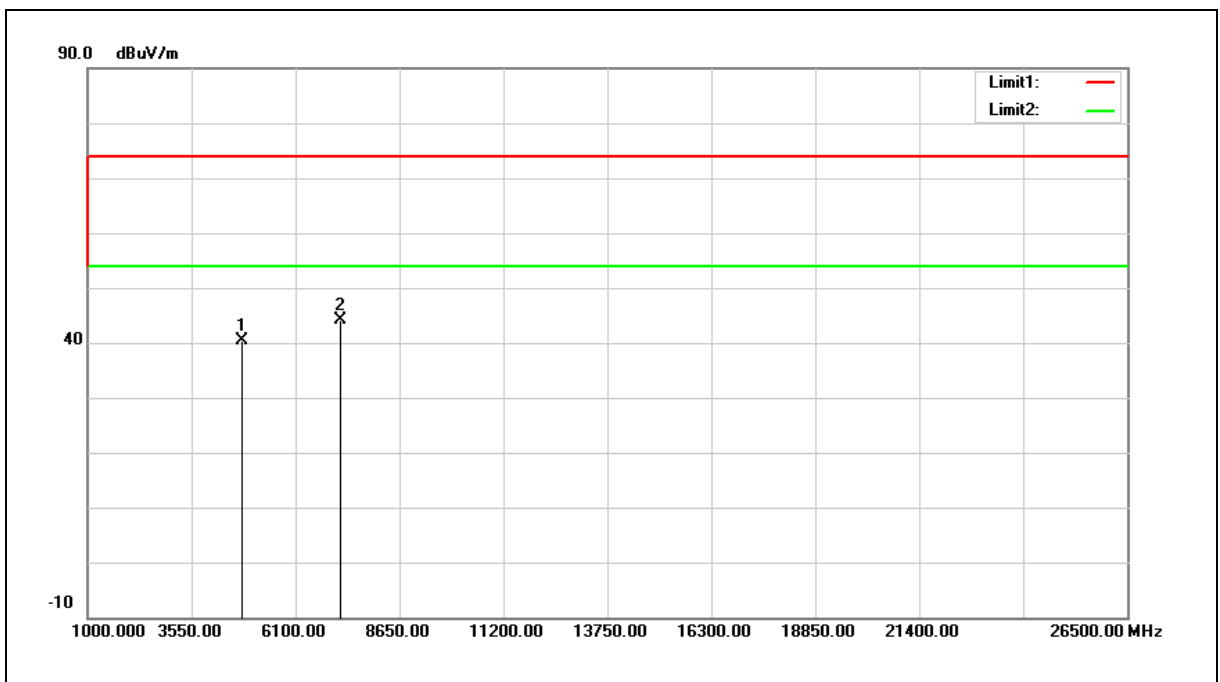
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	37.50	2.80	40.30	74.00	-33.70	peak
2	7206.000	37.04	8.82	45.86	74.00	-28.14	peak

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:	2402 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



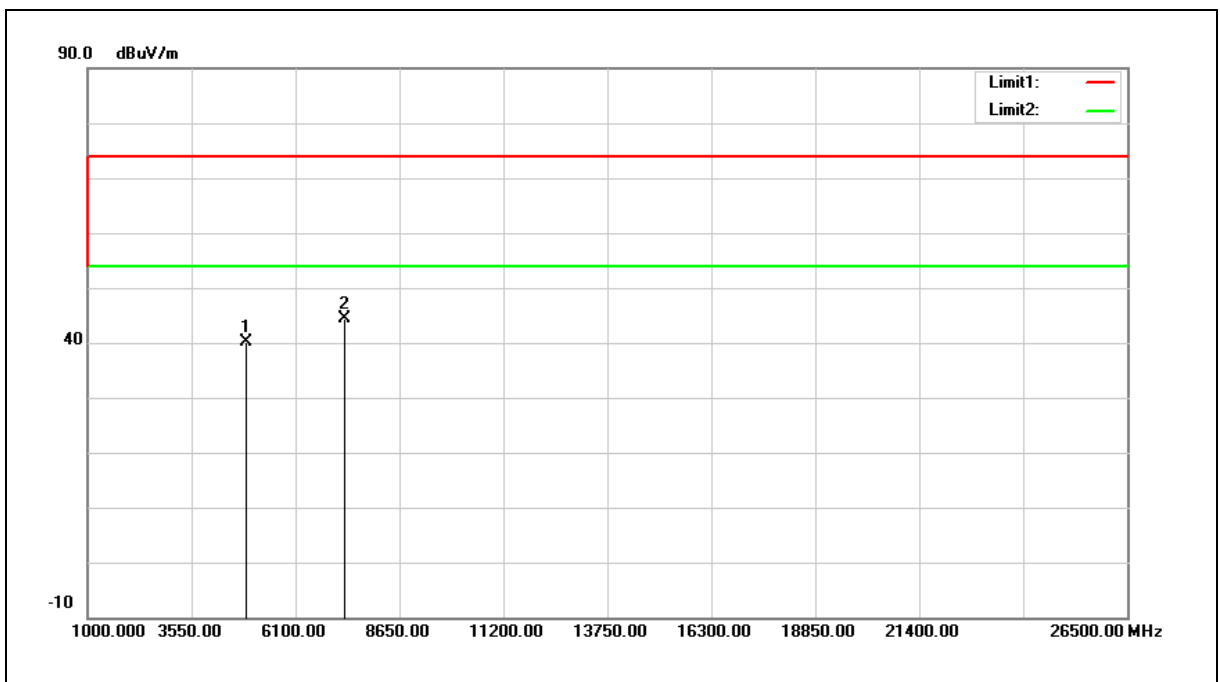
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	37.52	2.80	40.32	74.00	-33.68	peak
2	7206.000	35.36	8.82	44.18	74.00	-29.82	peak

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:	Harmonic		
Frequency:	2441 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



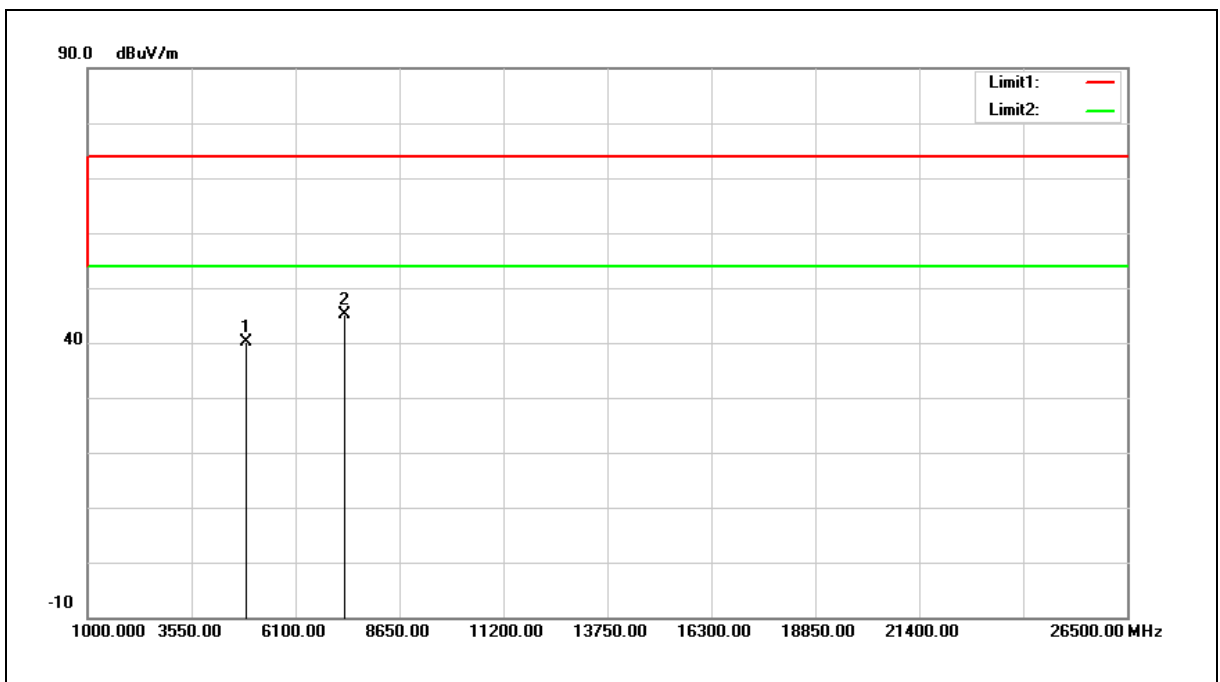
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	37.26	2.98	40.24	74.00	-33.76	peak
2	7323.000	35.21	9.18	44.39	74.00	-29.61	peak

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:	2441 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



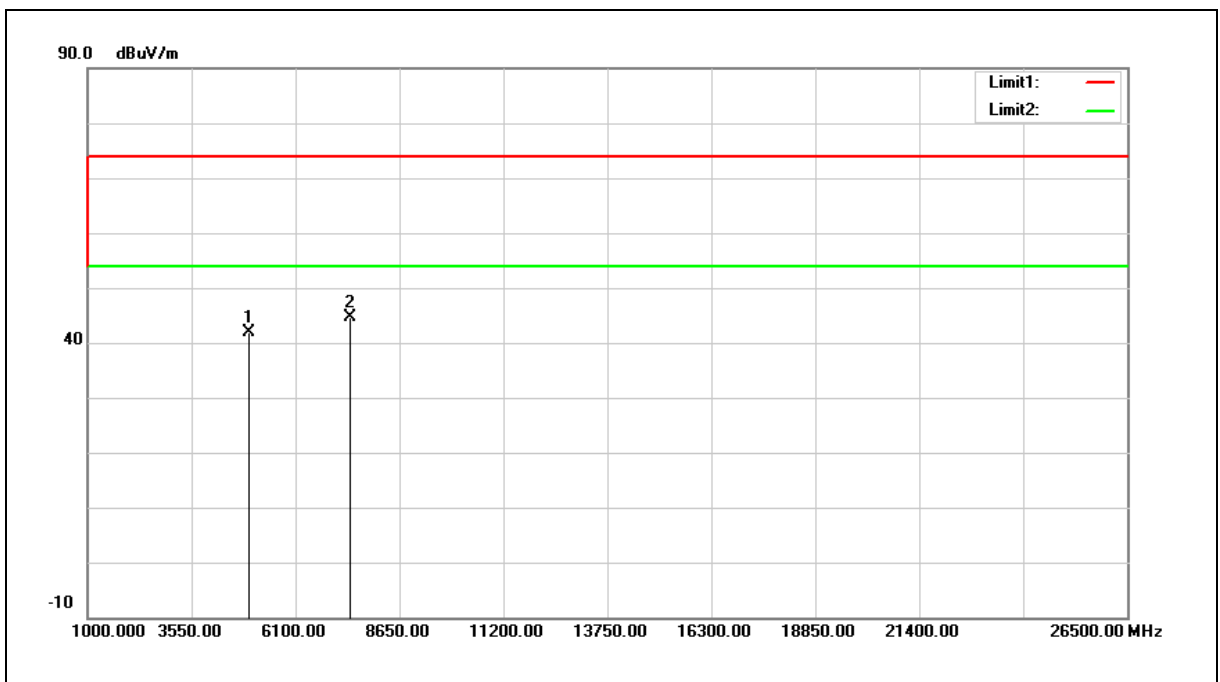
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	37.16	2.98	40.14	74.00	-33.86	peak
2	7323.000	36.04	9.18	45.22	74.00	-28.78	peak

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:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



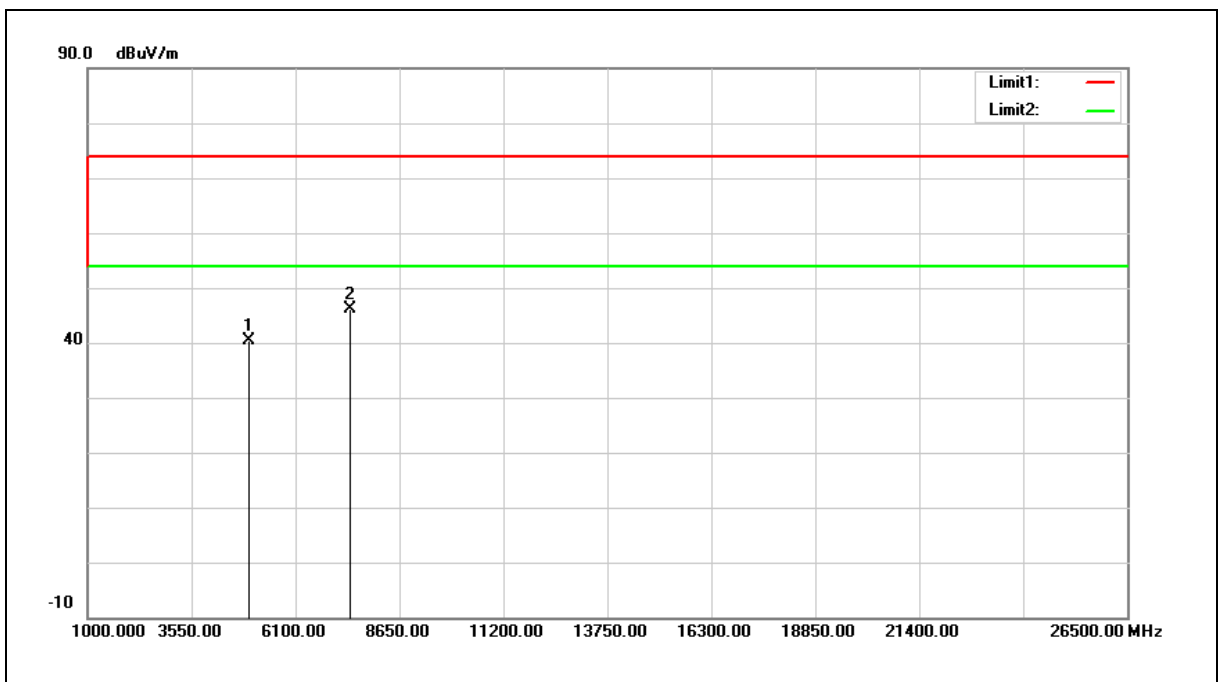
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.71	3.17	41.88	74.00	-32.12	peak
2	7440.000	35.17	9.55	44.72	74.00	-29.28	peak

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:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



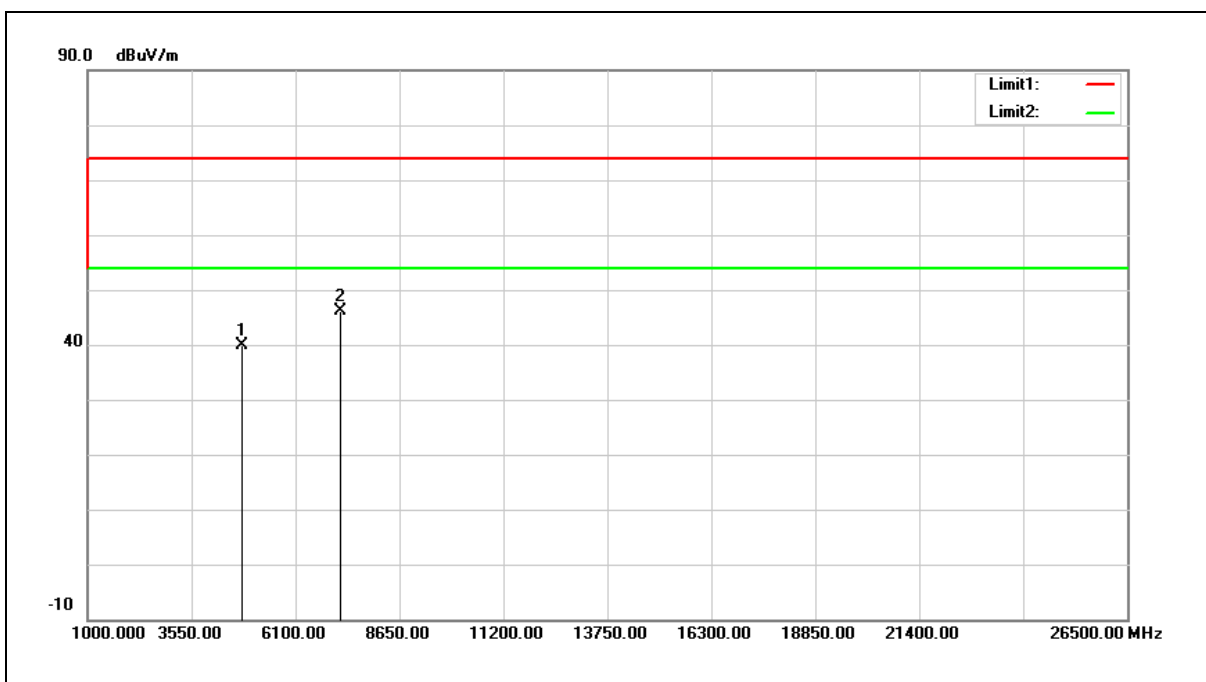
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	37.19	3.17	40.36	74.00	-33.64	peak
2	7440.000	36.66	9.55	46.21	74.00	-27.79	peak

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:	Harmonic		
Frequency:	2402 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



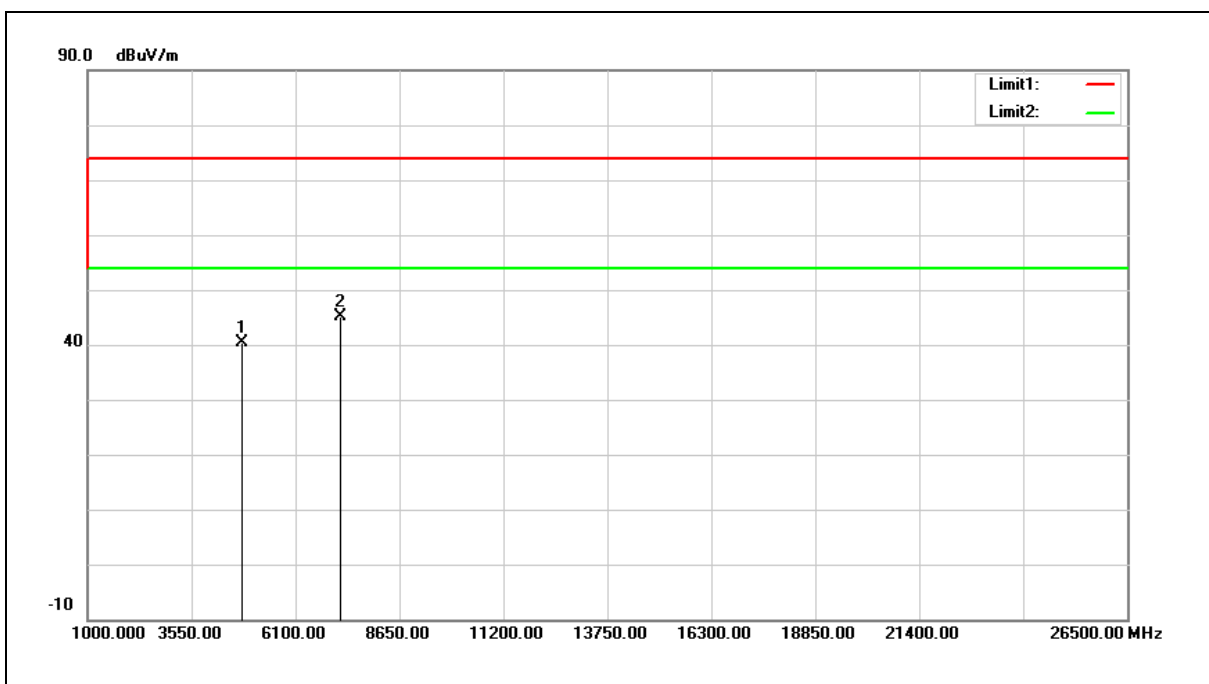
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	37.14	2.80	39.94	74.00	-34.06	peak
2	7206.000	37.40	8.82	46.22	74.00	-27.78	peak

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:	2402 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



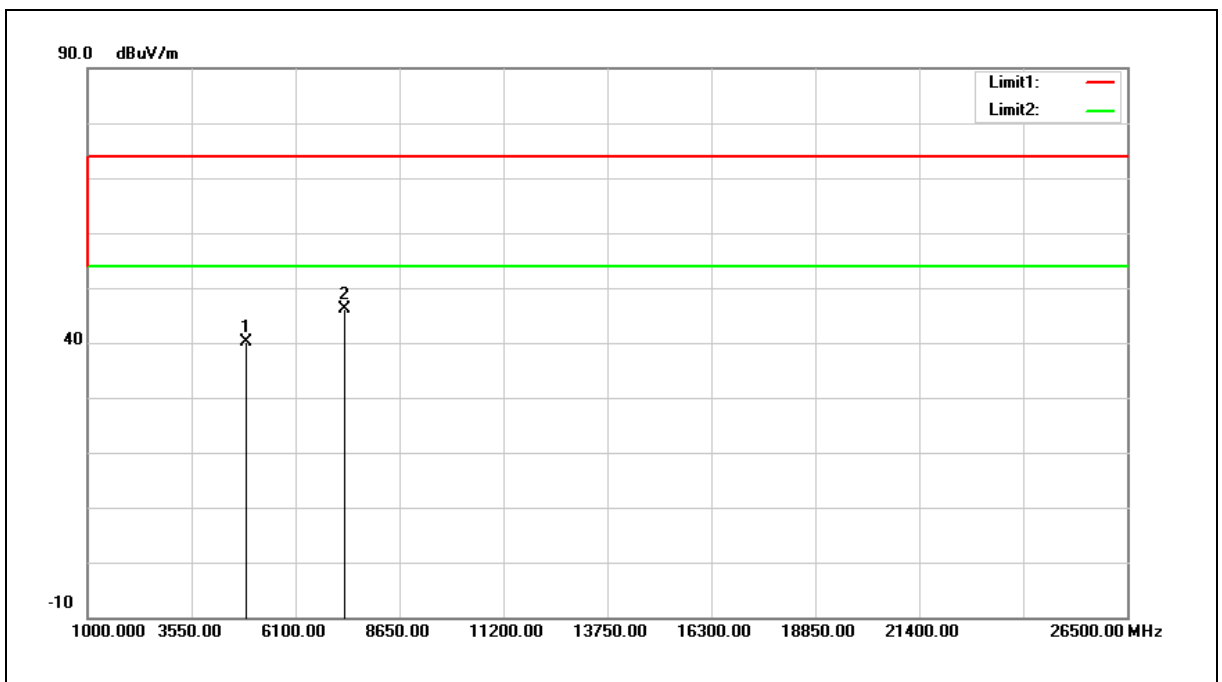
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	37.51	2.80	40.31	74.00	-33.69	peak
2	7206.000	36.27	8.82	45.09	74.00	-28.91	peak

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:	2440 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



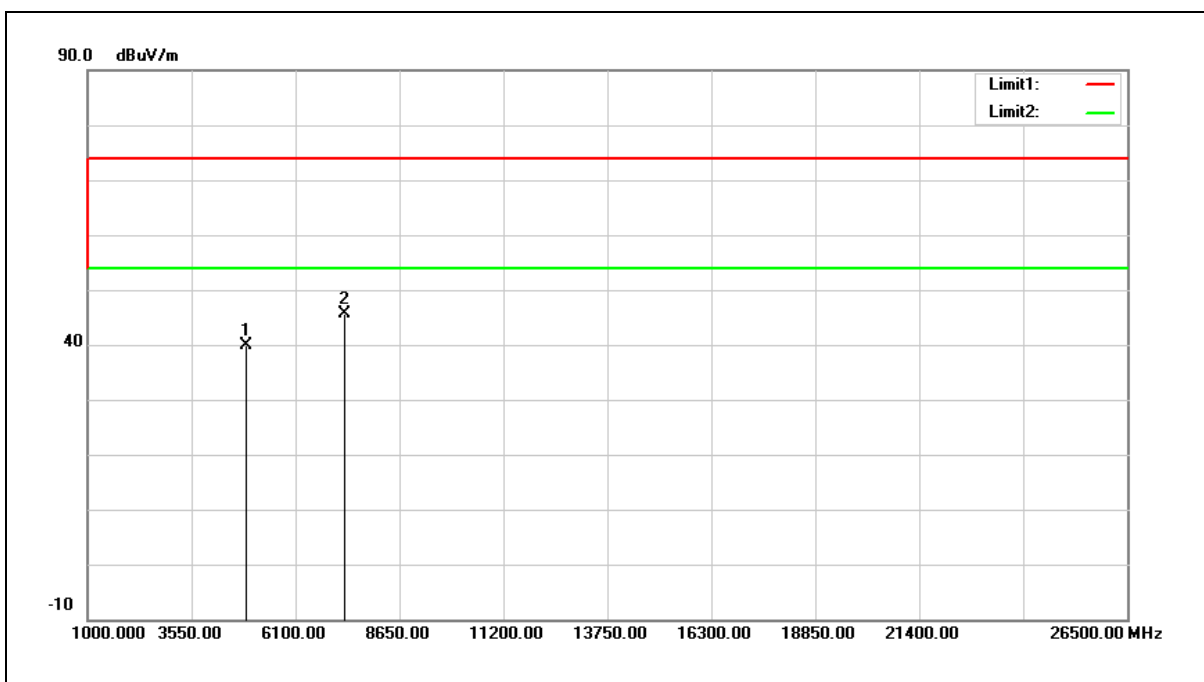
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	37.11	2.97	40.08	74.00	-33.92	peak
2	7320.000	36.84	9.18	46.02	74.00	-27.98	peak

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:	3 m
Test item:	Harmonic		
Frequency:	2440 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



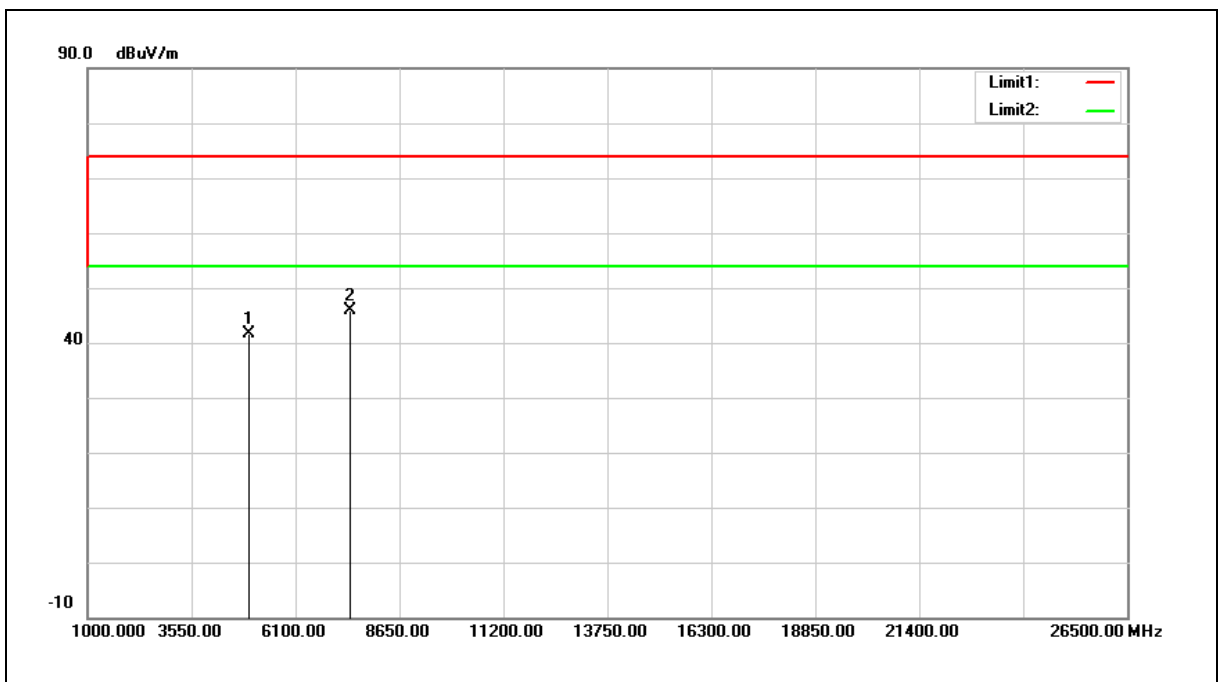
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	36.92	2.97	39.89	74.00	-34.11	peak
2	7320.000	36.44	9.18	45.62	74.00	-28.38	peak

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:	2480 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



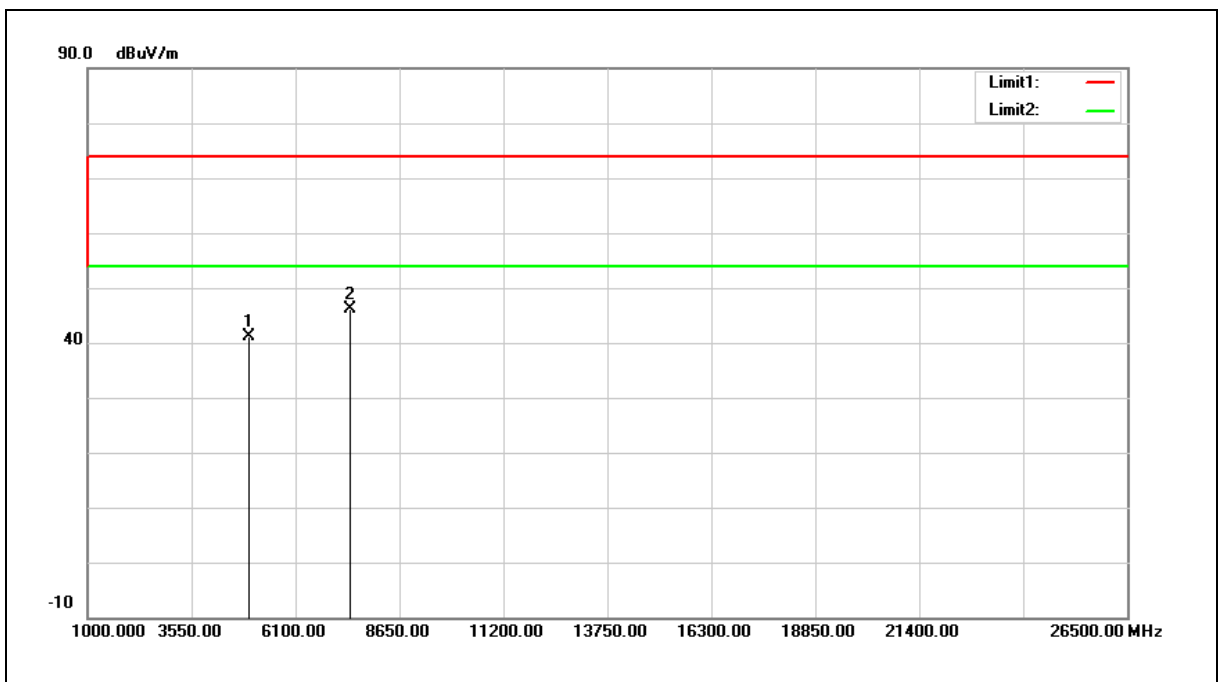
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.43	3.17	41.60	74.00	-32.40	peak
2	7440.000	36.44	9.55	45.99	74.00	-28.01	peak

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:	2480 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



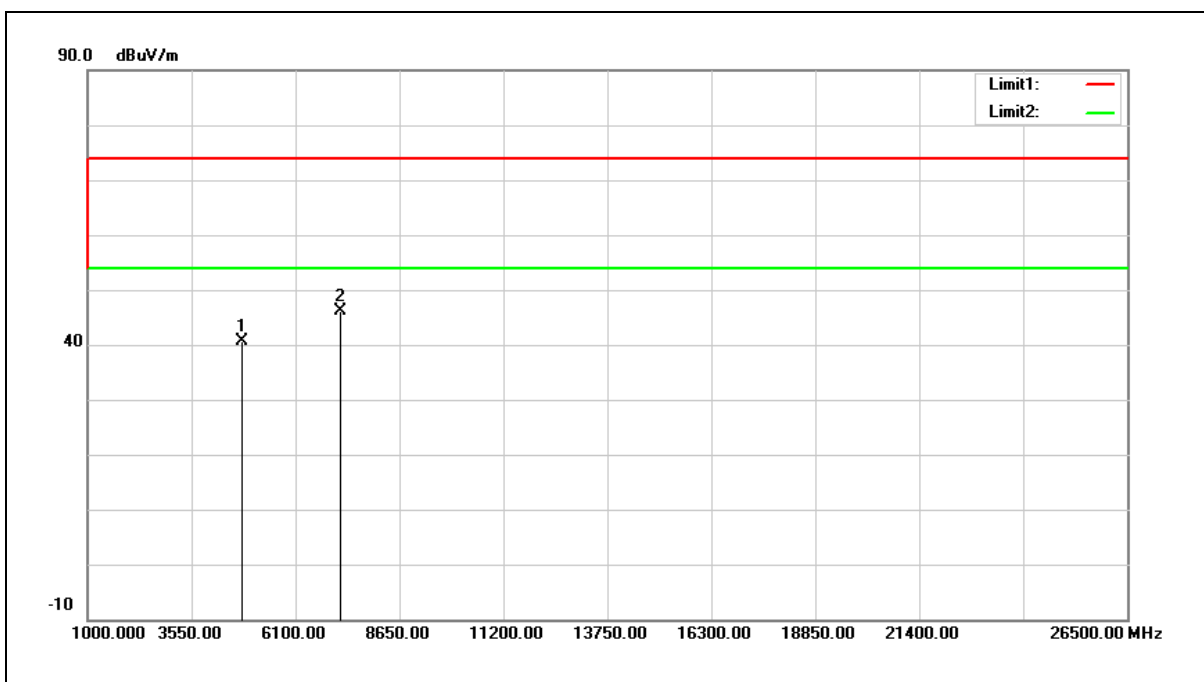
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	37.93	3.17	41.10	74.00	-32.90	peak
2	7440.000	36.52	9.55	46.07	74.00	-27.93	peak

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:	2402 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



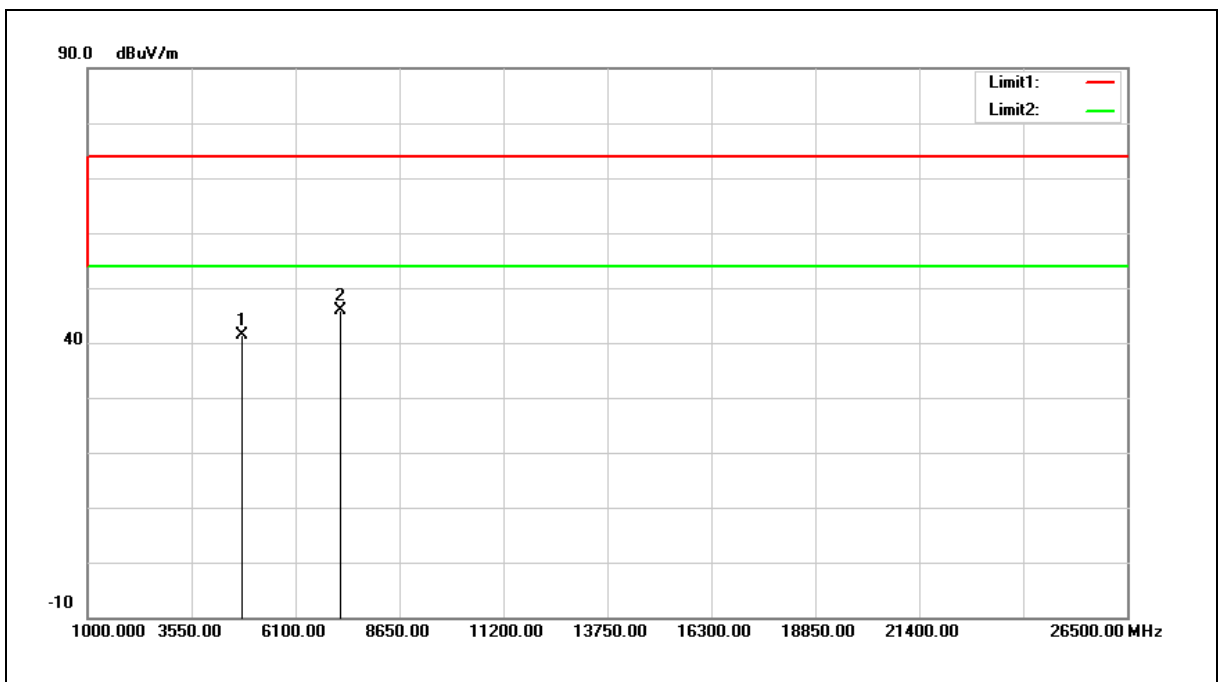
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	37.76	2.80	40.56	74.00	-33.44	peak
2	7206.000	37.19	8.82	46.01	74.00	-27.99	peak

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:	3 m
Test item:	Harmonic		
Frequency:	2402 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



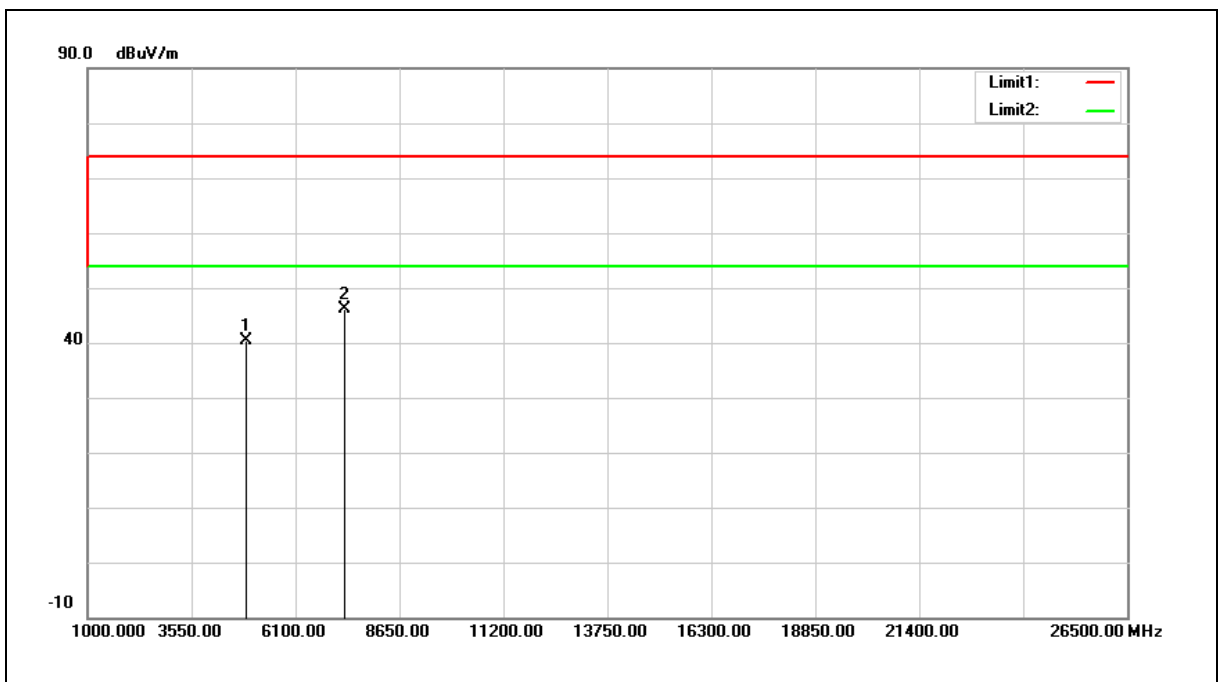
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	38.48	2.80	41.28	74.00	-32.72	peak
2	7206.000	37.11	8.82	45.93	74.00	-28.07	peak

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:	2440 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



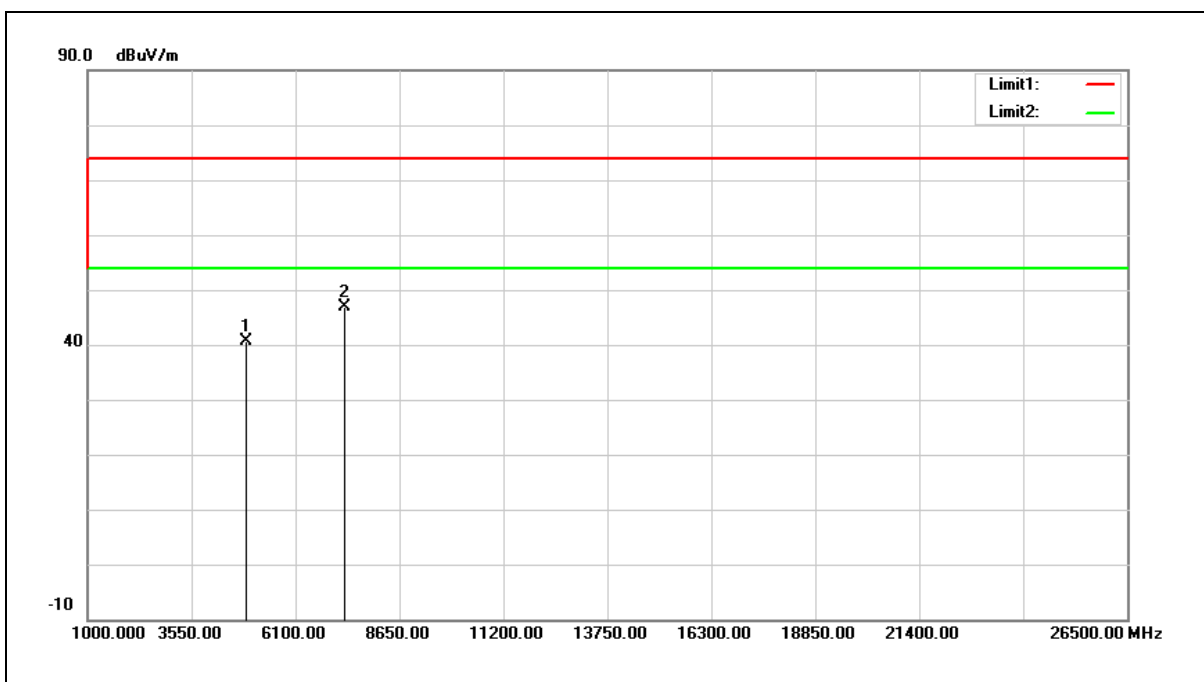
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	37.53	2.97	40.50	74.00	-33.50	peak
2	7320.000	37.04	9.18	46.22	74.00	-27.78	peak

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:	2440 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



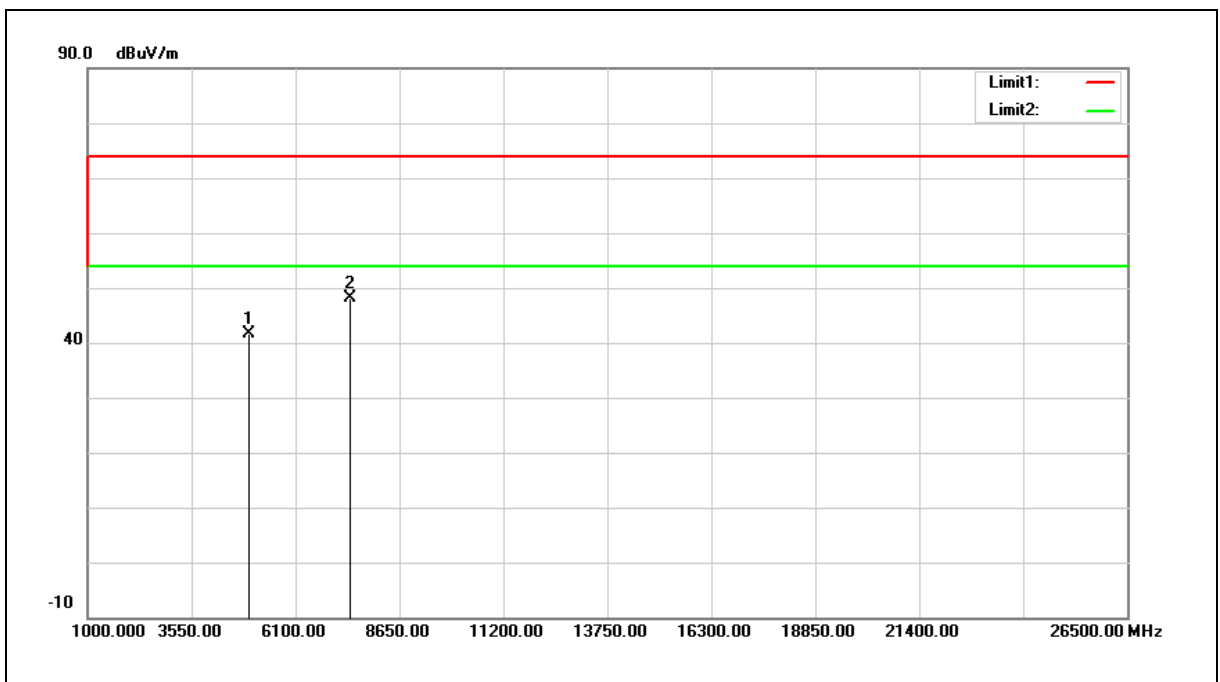
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	37.62	2.97	40.59	74.00	-33.41	peak
2	7320.000	37.63	9.18	46.81	74.00	-27.19	peak

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:	2480 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



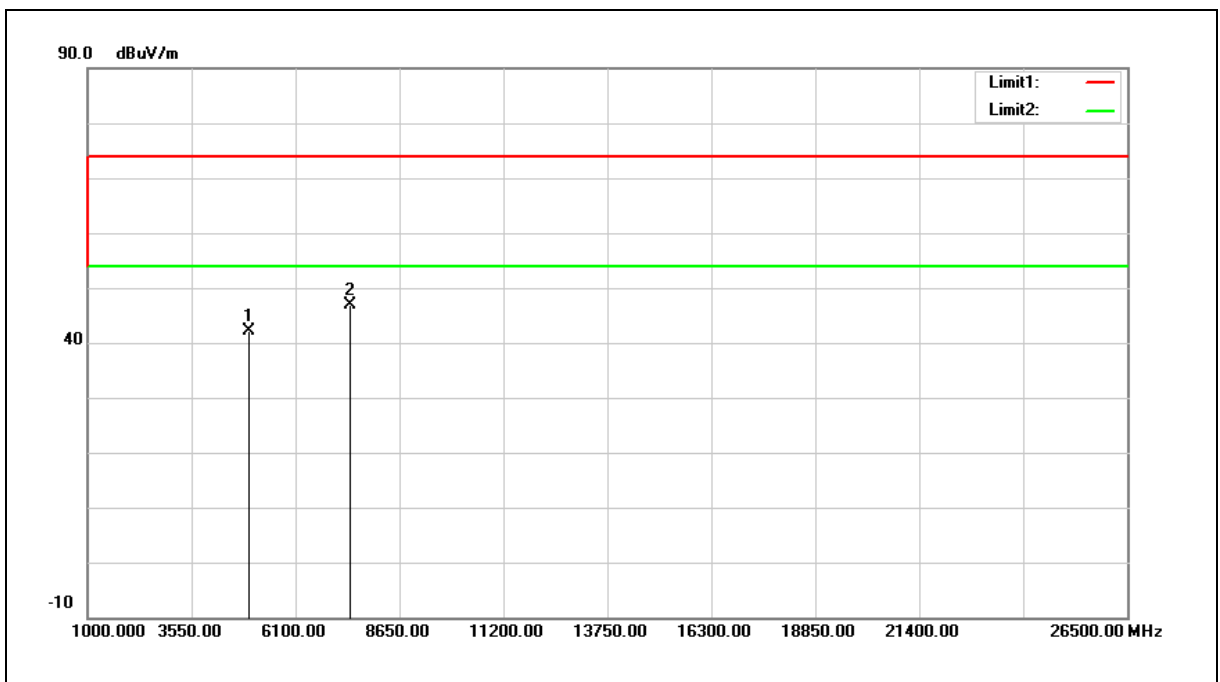
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.56	3.17	41.73	74.00	-32.27	peak
2	7440.000	38.65	9.55	48.20	74.00	-25.80	peak

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:	2480 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



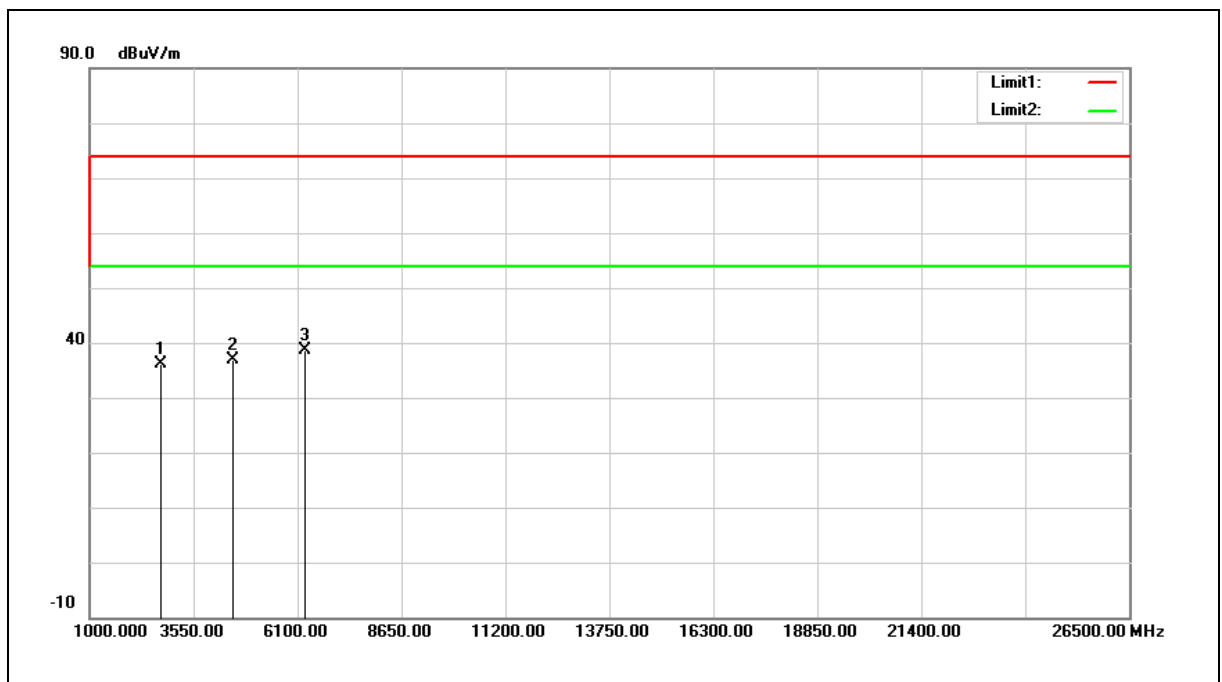
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.86	3.17	42.03	74.00	-31.97	peak
2	7440.000	37.39	9.55	46.94	74.00	-27.06	peak

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 7		
Ant.Polar.:	Horizontal		
Description:			



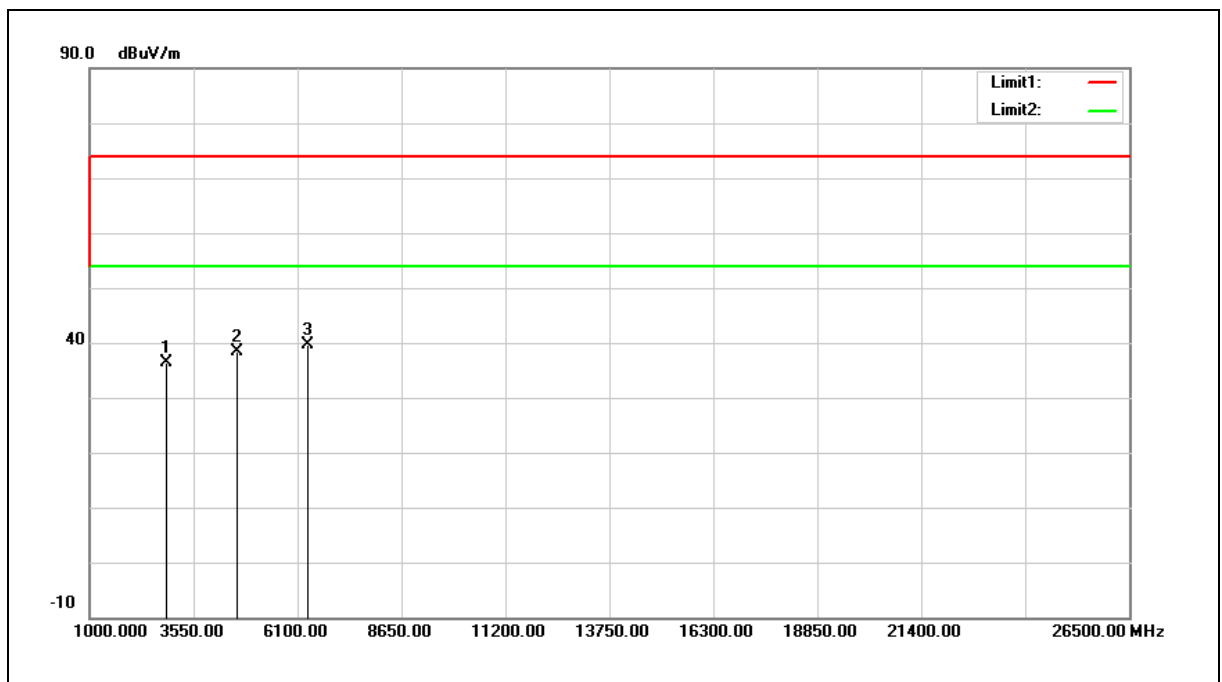
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2734.000	38.11	-2.01	36.10	74.00	-37.90	peak
2	4519.000	34.68	2.09	36.77	74.00	-37.23	peak
3	6270.000	32.79	5.85	38.64	74.00	-35.36	peak

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:	3 m
Test item:	Harmonic		
Mode:	Mode 7		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2870.000	37.96	-1.52	36.44	74.00	-37.56	peak
2	4621.000	36.07	2.35	38.42	74.00	-35.58	peak
3	6338.000	33.64	6.07	39.71	74.00	-34.29	peak

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

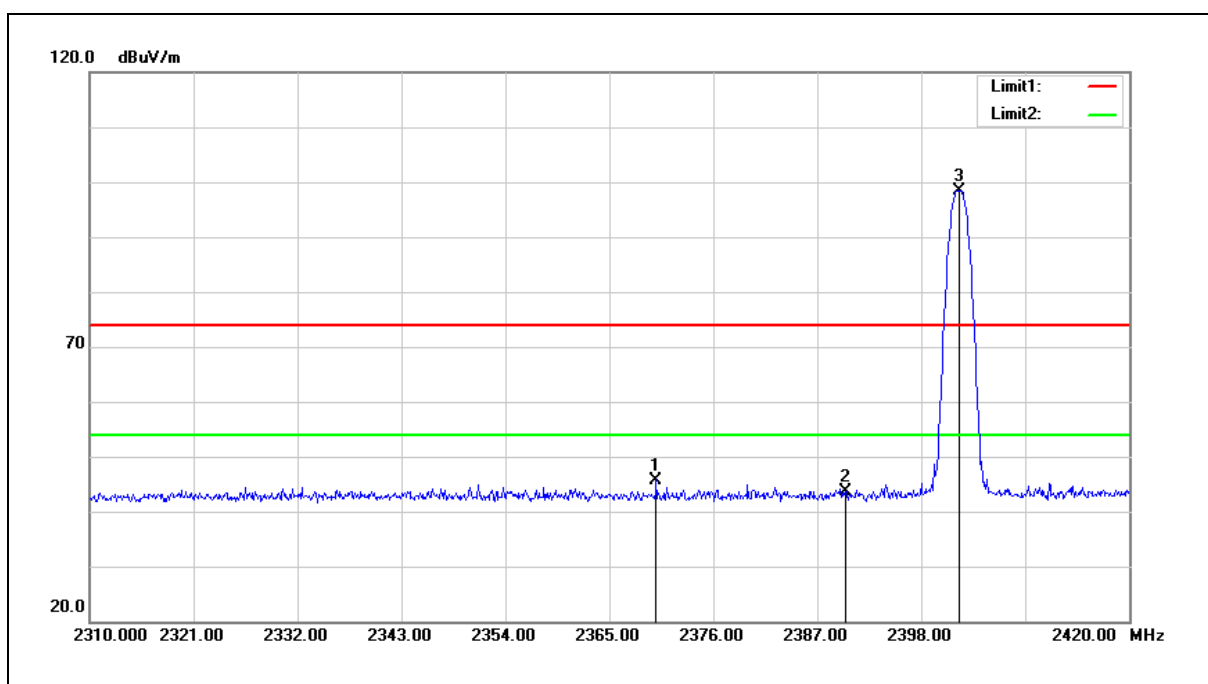
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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器材第 3.7 節所列頻帶內之混附發射，其電場強度必須符合第 3.8 節的限制規定。

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



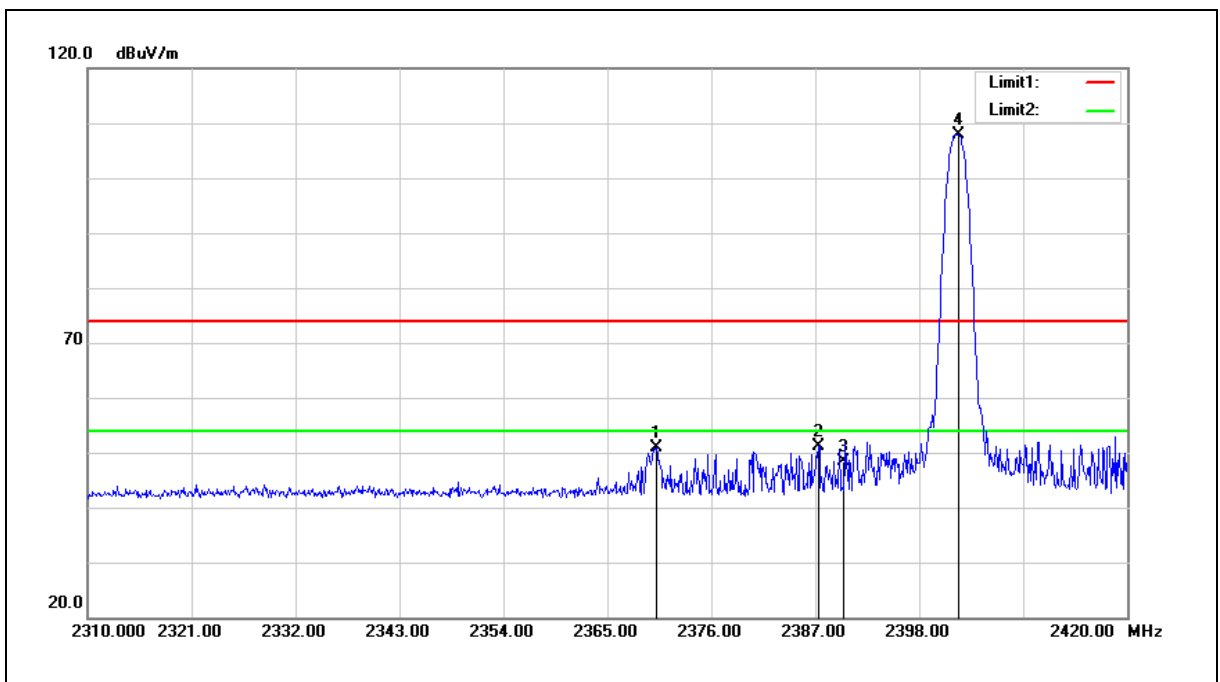
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2369.950	49.11	-3.36	45.75	74.00	-28.25	peak
2	2390.000	46.82	-3.28	43.54	74.00	-30.46	peak
3	2402.070	101.61	-3.23	98.38	--	--	peak

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		



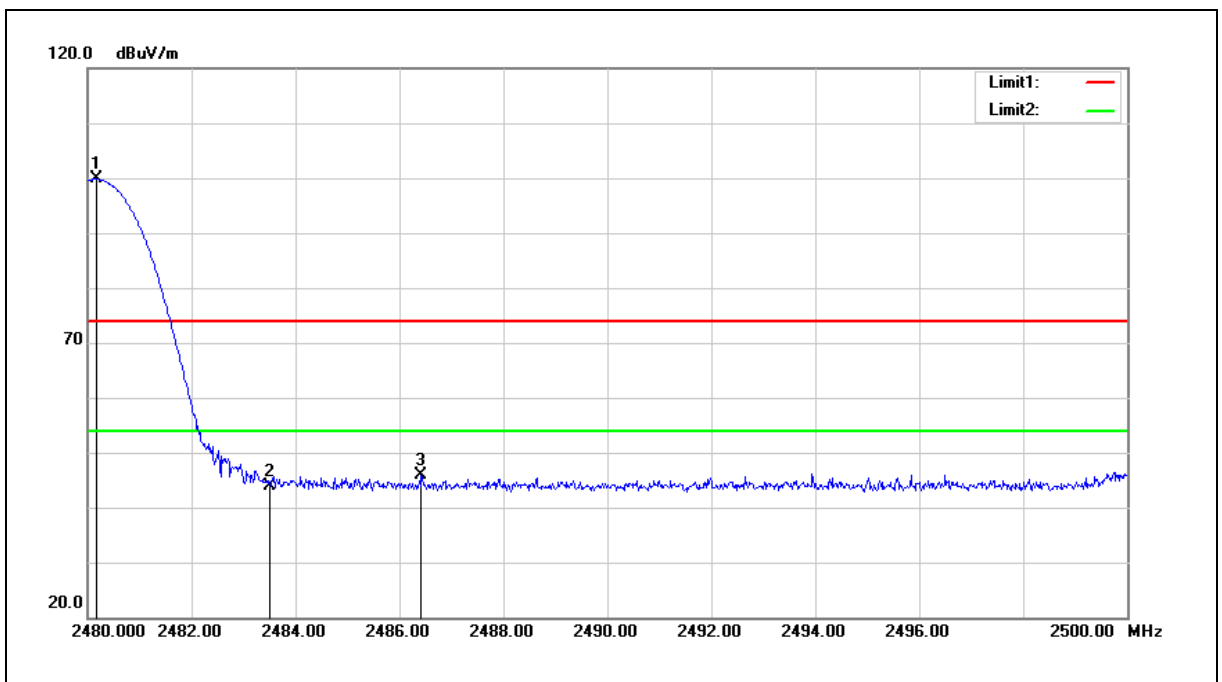
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2370.170	54.32	-3.36	50.96	74.00	-23.04	peak
2	2387.330	54.48	-3.29	51.19	74.00	-22.81	peak
3	2390.000	51.64	-3.28	48.36	74.00	-25.64	peak
4	2402.180	111.07	-3.23	107.84	--	--	peak

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		



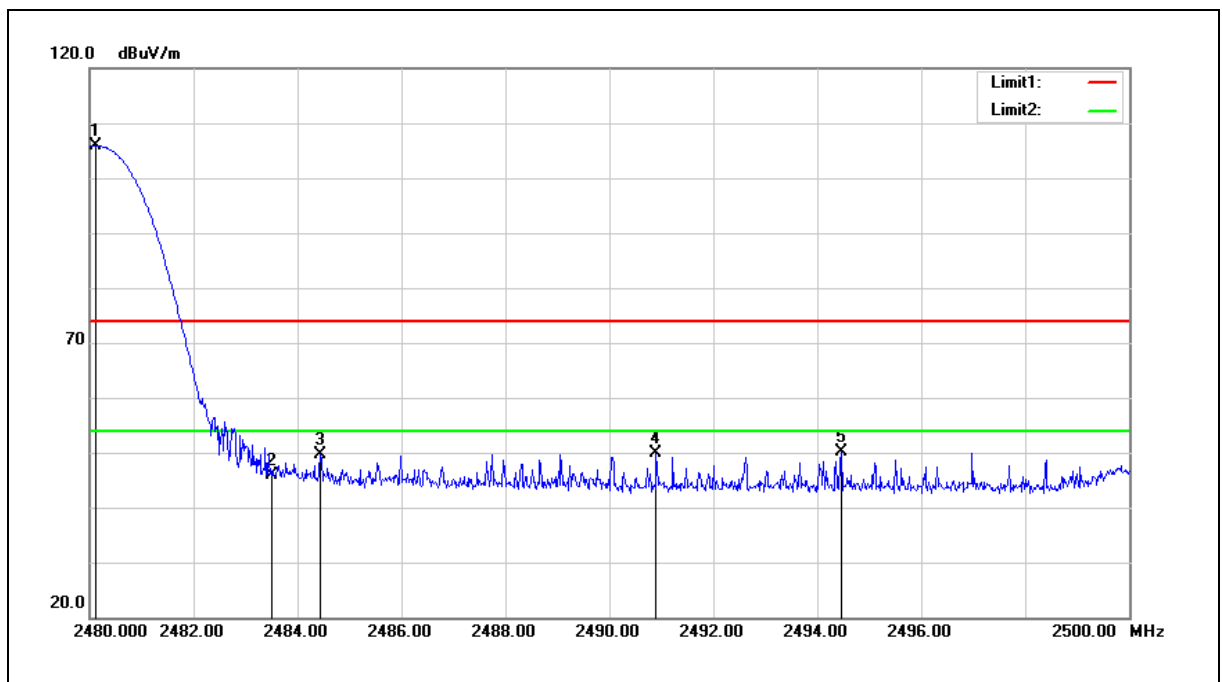
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.160	102.71	-2.94	99.77	--	--	peak
2	2483.500	46.92	-2.93	43.99	74.00	-30.01	peak
3	2486.420	48.71	-2.92	45.79	74.00	-28.21	peak

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		



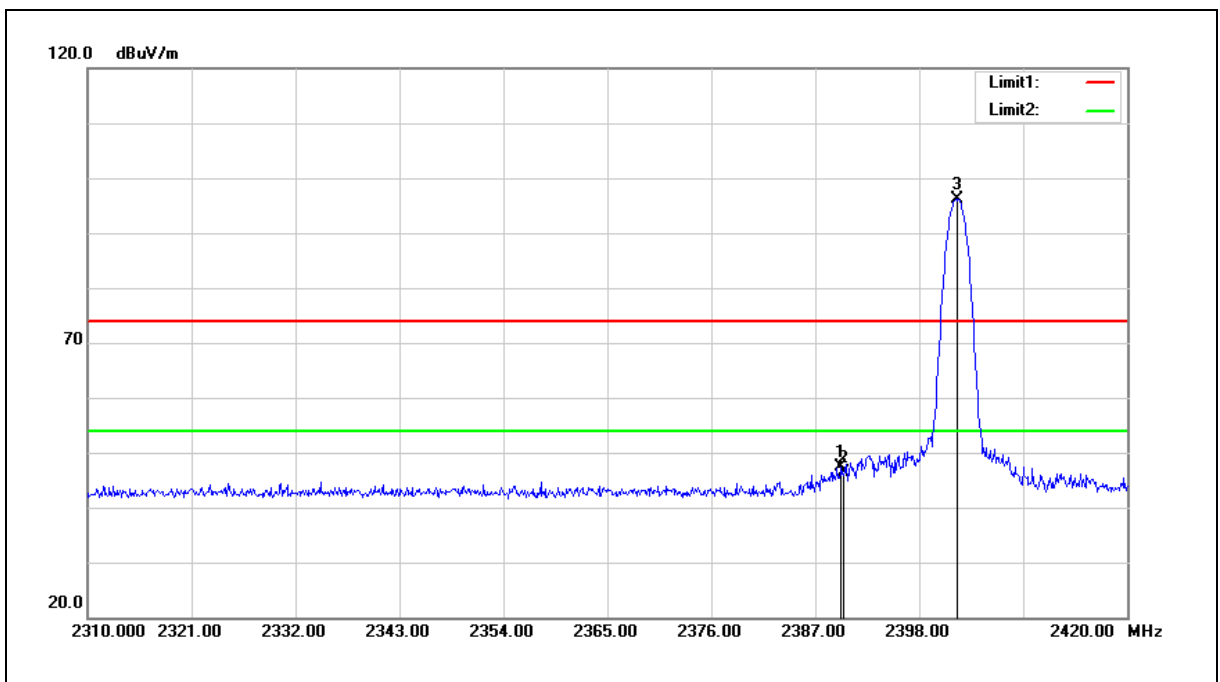
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.120	108.73	-2.94	105.79	--	--	peak
2	2483.500	48.89	-2.93	45.96	74.00	-28.04	peak
3	2484.440	52.49	-2.93	49.56	74.00	-24.44	peak
4	2490.900	52.69	-2.91	49.78	74.00	-24.22	peak
5	2494.460	52.95	-2.89	50.06	74.00	-23.94	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:	2402 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



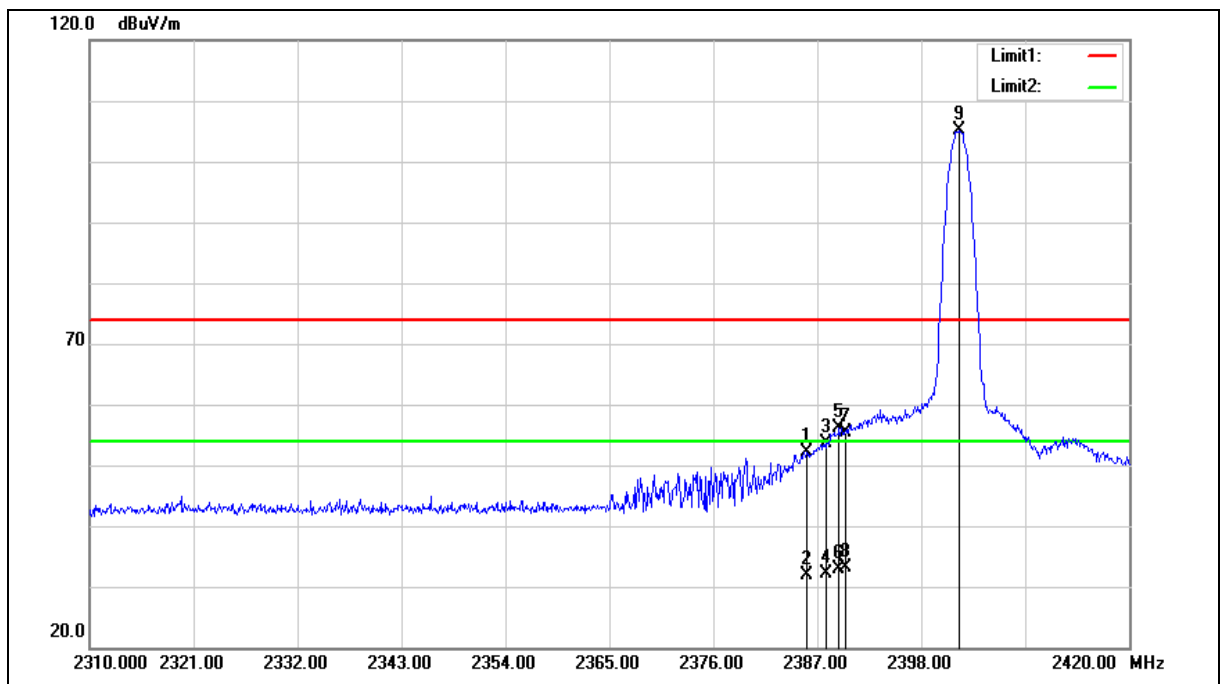
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.750	50.76	-3.28	47.48	74.00	-26.52	peak
2	2390.000	49.71	-3.28	46.43	74.00	-27.57	peak
3	2402.070	99.38	-3.23	96.15	--	--	peak

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 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		

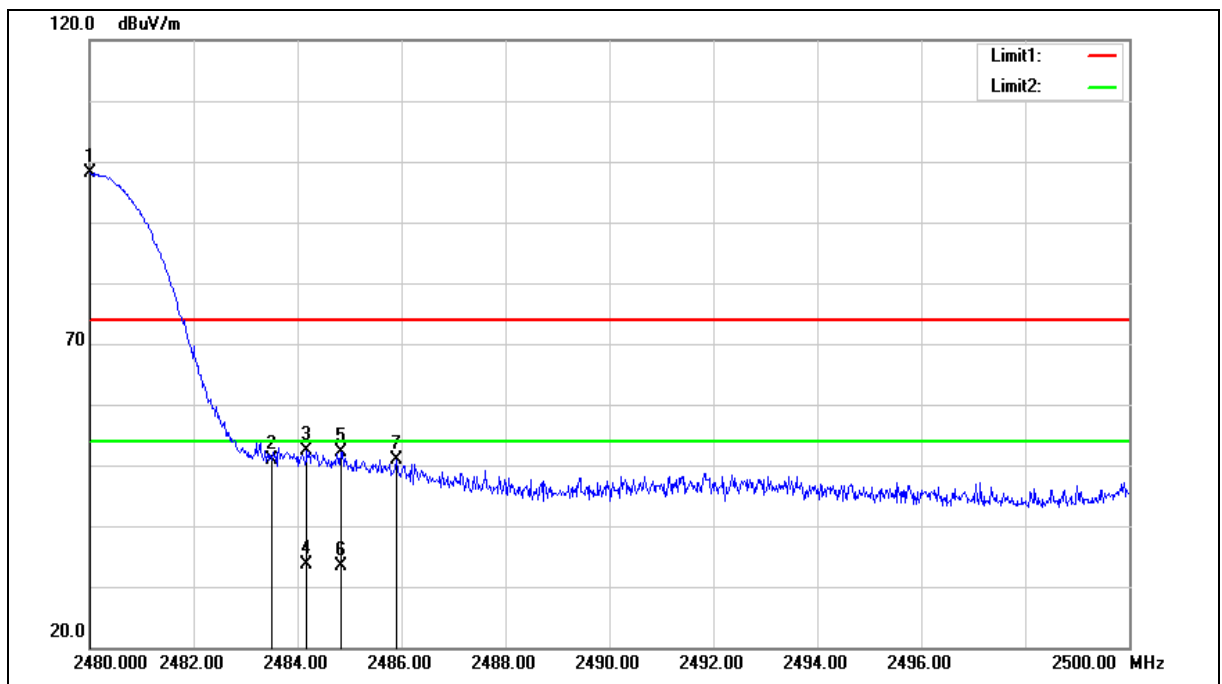
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.900	55.45	-3.29	52.16	74.00	-21.84	peak
2	2385.900	35.09	-3.29	31.80	54.00	-22.20	AVG
3	2387.990	56.87	-3.29	53.58	74.00	-20.42	peak
4	2387.990	35.50	-3.29	32.21	54.00	-21.79	AVG
5	2389.310	59.47	-3.28	56.19	74.00	-17.81	peak
6	2389.310	36.26	-3.28	32.98	54.00	-21.02	AVG
7	2390.000	58.64	-3.28	55.36	74.00	-18.64	peak
8	2390.000	36.33	-3.28	33.05	54.00	-20.95	AVG
9	2401.960	108.47	-3.23	105.24	--	--	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:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

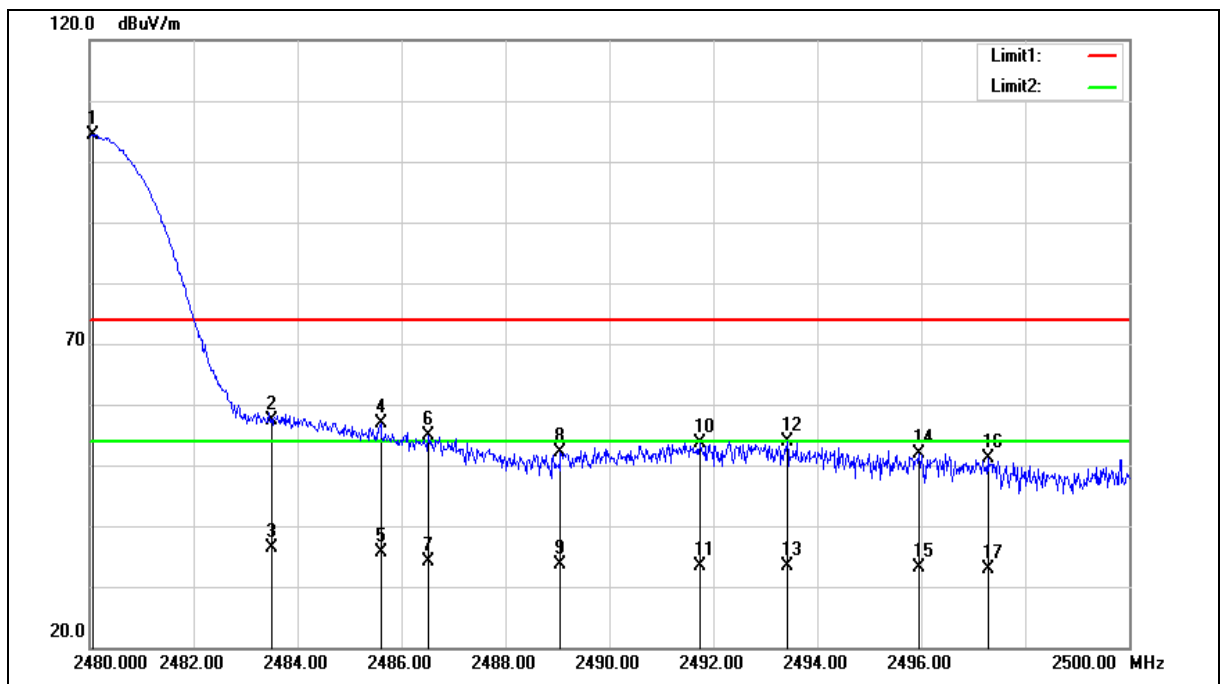
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.020	101.05	-2.94	98.11	--	--	peak
2	2483.500	53.84	-2.93	50.91	74.00	-23.09	peak
3	2484.180	55.20	-2.93	52.27	74.00	-21.73	peak
4	2484.180	36.45	-2.93	33.52	54.00	-20.48	AVG
5	2484.840	55.12	-2.93	52.19	74.00	-21.81	peak
6	2484.840	36.41	-2.93	33.48	54.00	-20.52	AVG
7	2485.900	53.86	-2.92	50.94	74.00	-23.06	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 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		

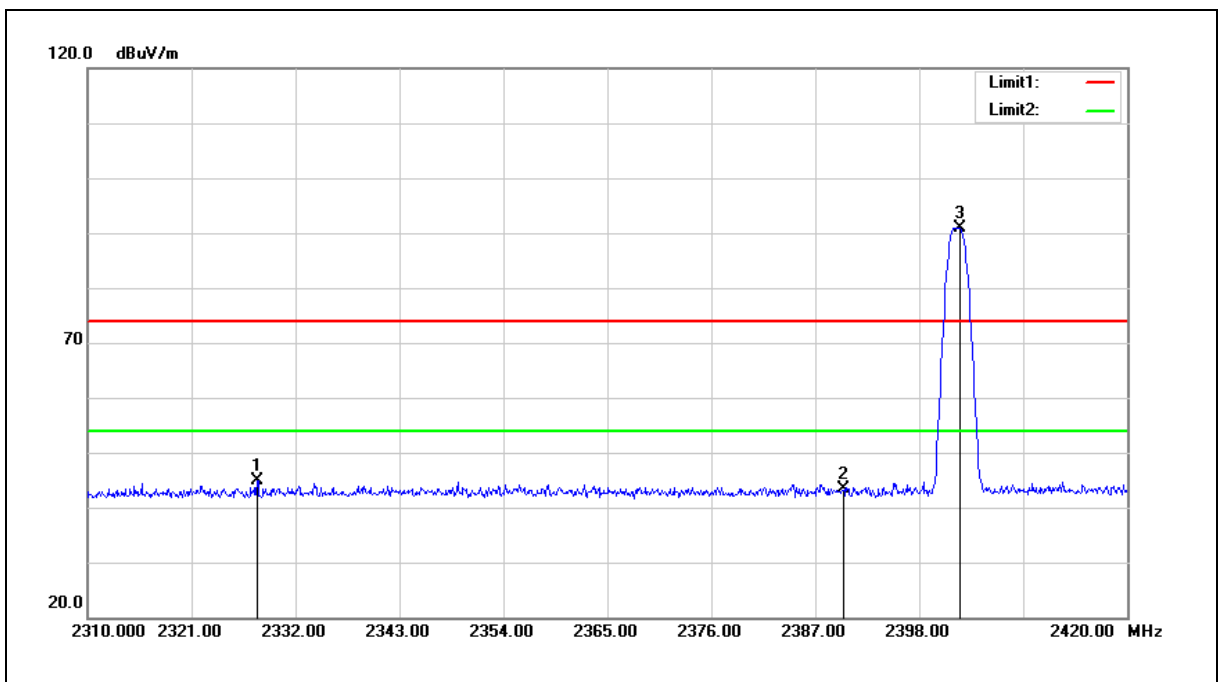
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.060	107.32	-2.94	104.38	--	--	peak
2	2483.500	60.37	-2.93	57.44	74.00	-16.56	peak
3	2483.500	39.24	-2.93	36.31	54.00	-17.69	AVG
4	2485.600	59.80	-2.92	56.88	74.00	-17.12	peak
5	2485.600	38.62	-2.92	35.70	54.00	-18.30	AVG
6	2486.520	57.87	-2.92	54.95	74.00	-19.05	peak
7	2486.520	37.00	-2.92	34.08	54.00	-19.92	AVG
8	2489.060	55.03	-2.91	52.12	74.00	-21.88	peak
9	2489.060	36.43	-2.91	33.52	54.00	-20.48	AVG
10	2491.740	56.63	-2.90	53.73	74.00	-20.27	peak
11	2491.740	36.27	-2.90	33.37	54.00	-20.63	AVG
12	2493.420	56.83	-2.89	53.94	74.00	-20.06	peak
13	2493.420	36.29	-2.89	33.40	54.00	-20.60	AVG
14	2495.960	54.77	-2.88	51.89	74.00	-22.11	peak
15	2495.960	35.97	-2.88	33.09	54.00	-20.91	AVG
16	2497.280	54.04	-2.88	51.16	74.00	-22.84	peak
17	2497.280	35.81	-2.88	32.93	54.00	-21.07	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:	2402 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



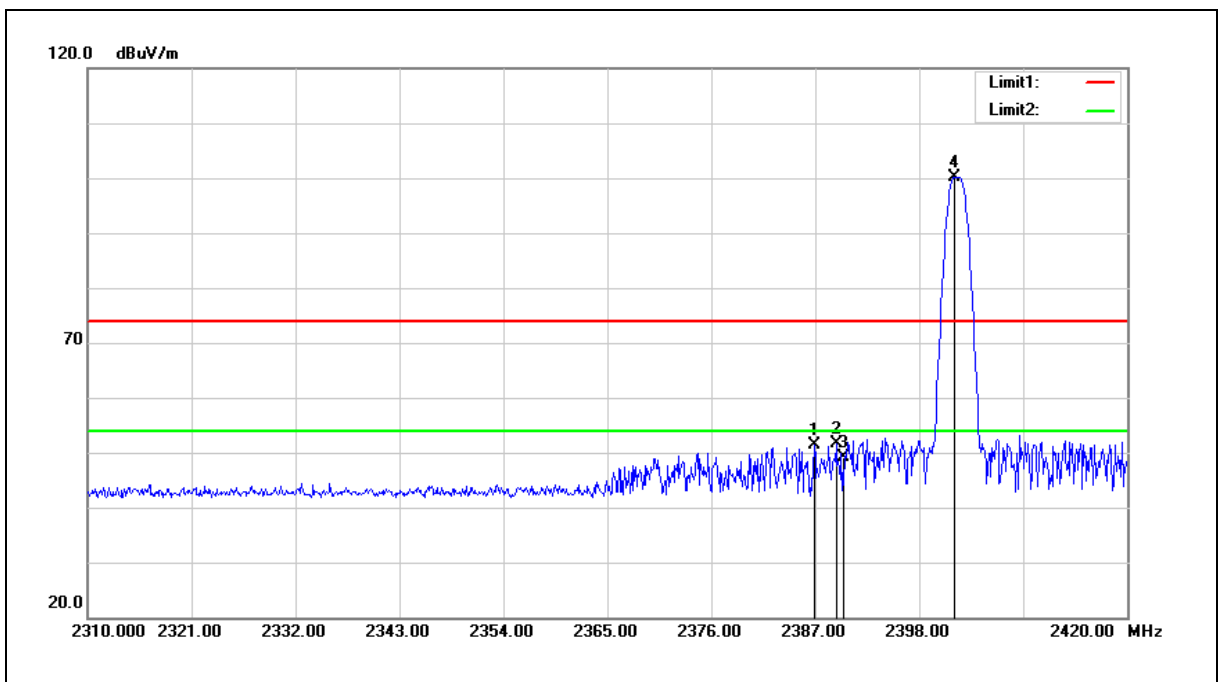
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2327.930	48.45	-3.51	44.94	74.00	-29.06	peak
2	2390.000	46.64	-3.28	43.36	74.00	-30.64	peak
3	2402.290	94.17	-3.23	90.94	--	--	peak

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:	2402 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



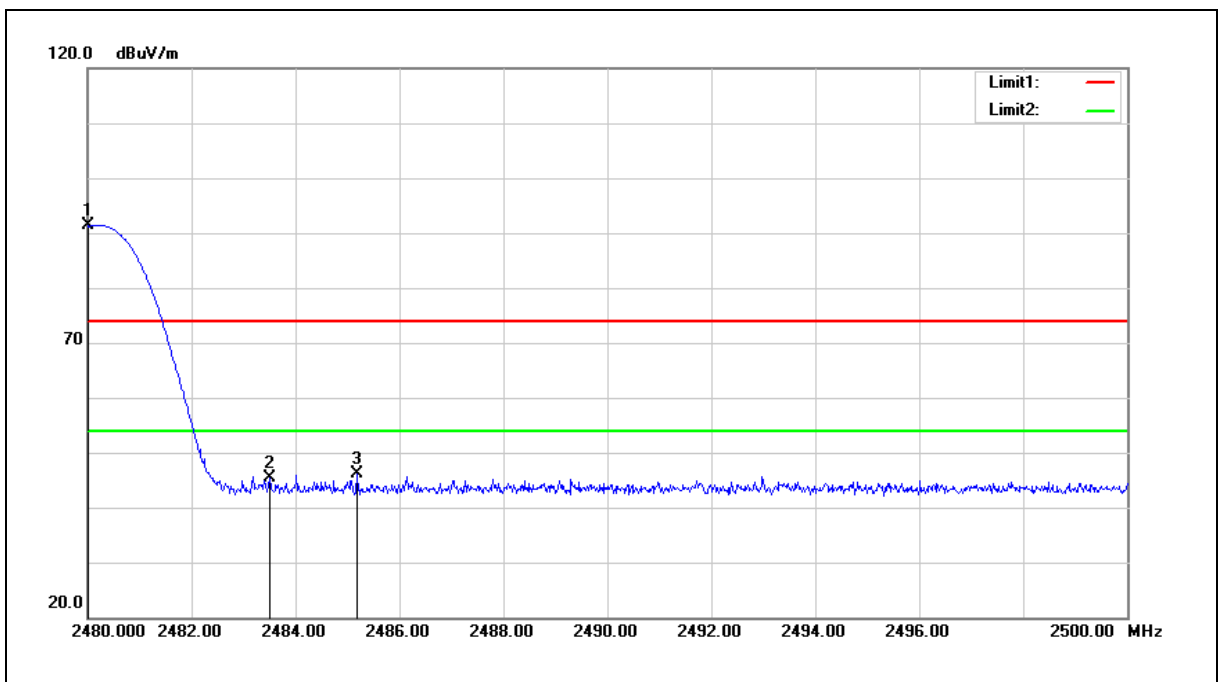
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.890	54.56	-3.29	51.27	74.00	-22.73	peak
2	2389.200	54.91	-3.28	51.63	74.00	-22.37	peak
3	2390.000	52.35	-3.28	49.07	74.00	-24.93	peak
4	2401.740	103.48	-3.23	100.25	--	--	peak

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 5		
Ant.Polar.:	Horizontal		



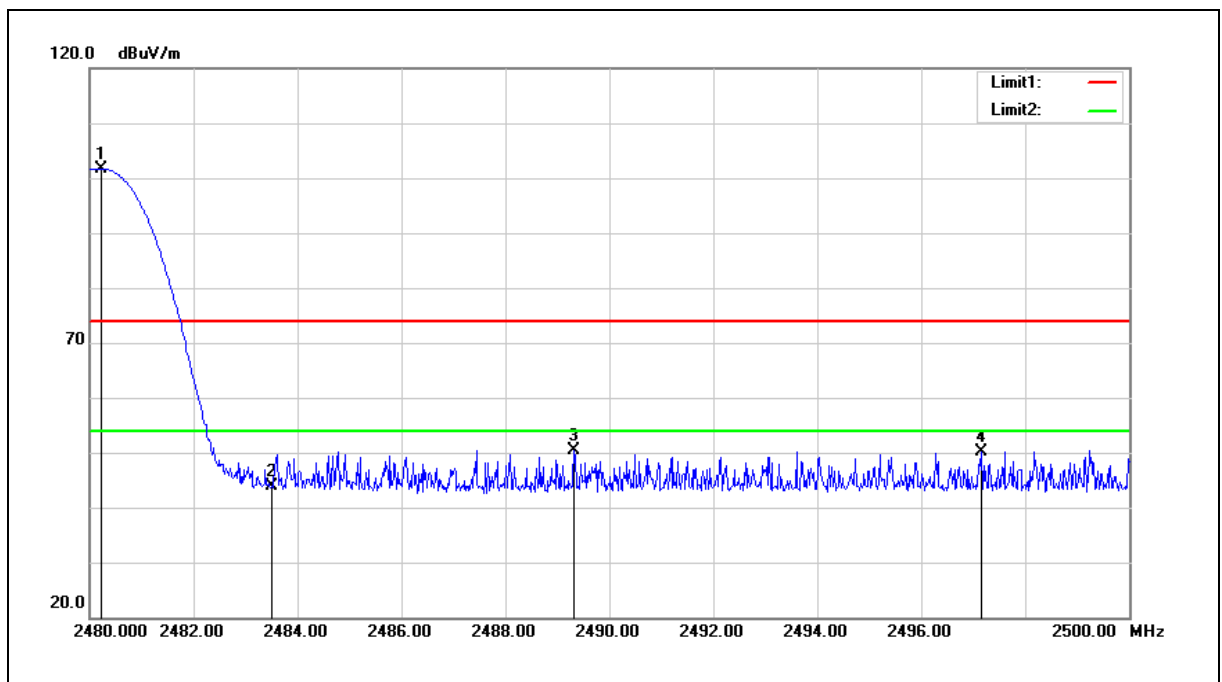
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.000	94.37	-2.94	91.43	--	--	peak
2	2483.500	48.23	-2.93	45.30	74.00	-28.70	peak
3	2485.180	49.00	-2.92	46.08	74.00	-27.92	peak

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:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



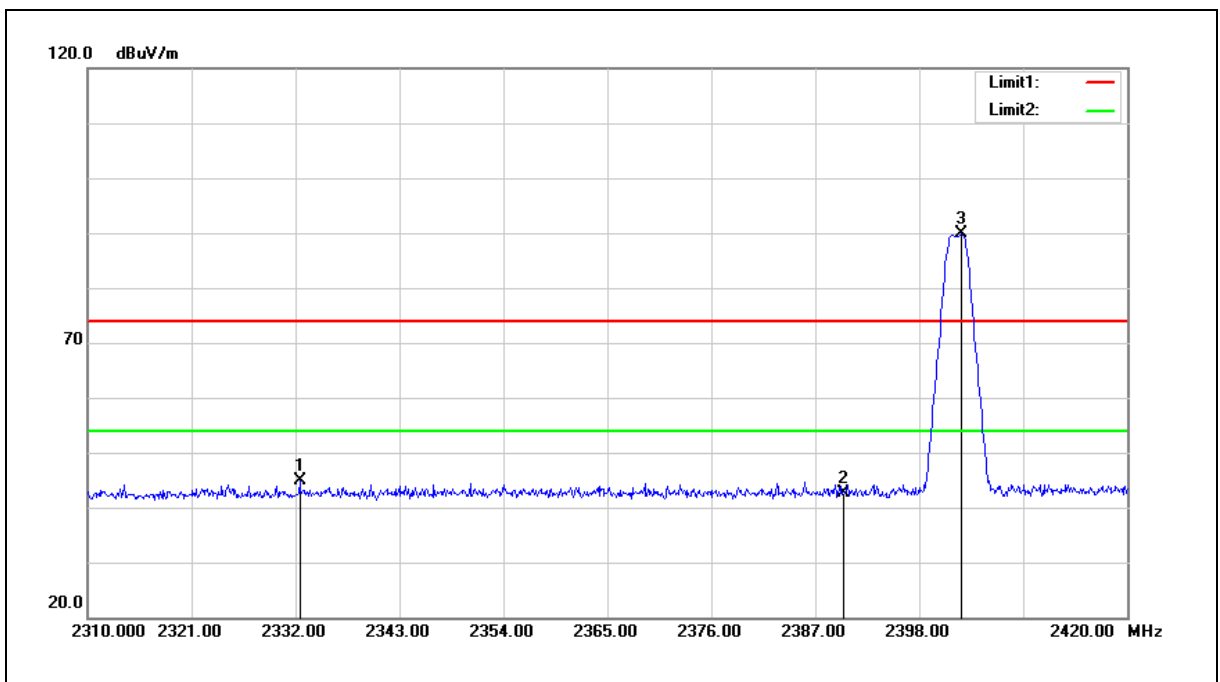
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.220	104.62	-2.94	101.68	--	--	peak
2	2483.500	46.91	-2.93	43.98	74.00	-30.02	peak
3	2489.320	53.31	-2.91	50.40	74.00	-23.60	peak
4	2497.160	53.12	-2.88	50.24	74.00	-23.76	peak

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 6		
Ant.Polar.:	Horizontal		



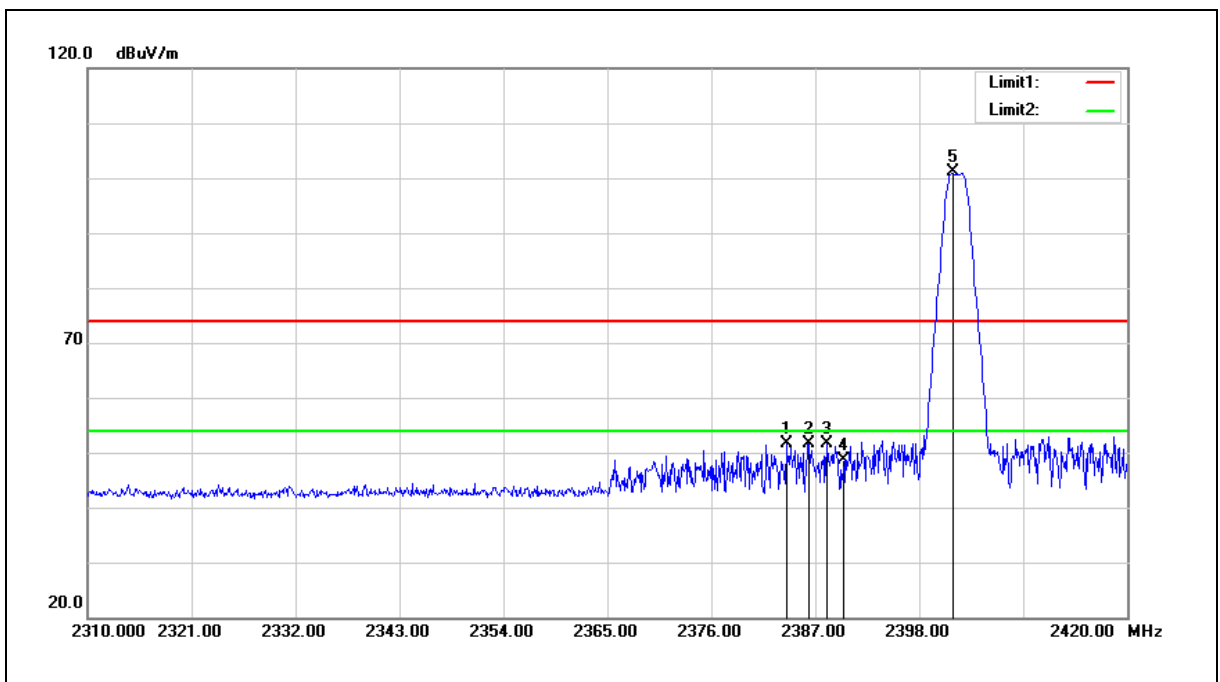
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.440	48.36	-3.48	44.88	74.00	-29.12	peak
2	2390.000	45.79	-3.28	42.51	74.00	-31.49	peak
3	2402.510	93.02	-3.23	89.79	--	--	peak

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:	2402 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



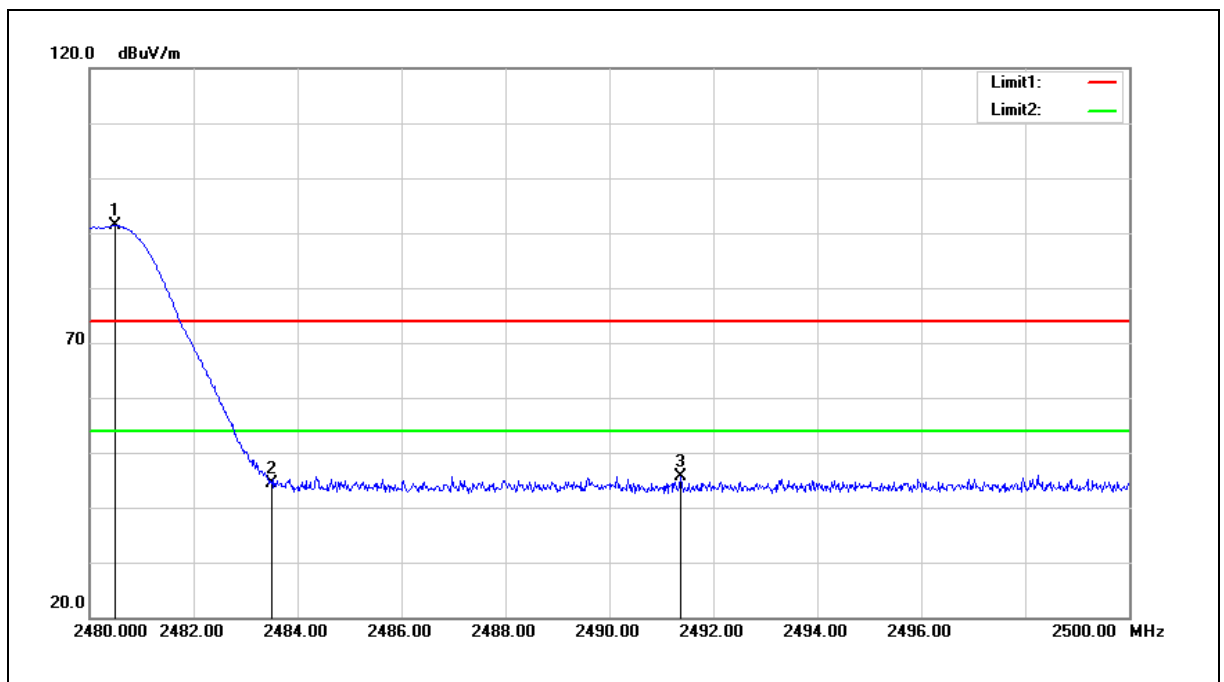
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2383.920	54.89	-3.31	51.58	74.00	-22.42	peak
2	2386.340	55.02	-3.29	51.73	74.00	-22.27	peak
3	2388.210	54.86	-3.29	51.57	74.00	-22.43	peak
4	2390.000	52.03	-3.28	48.75	74.00	-25.25	peak
5	2401.520	104.27	-3.24	101.03	--	--	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:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



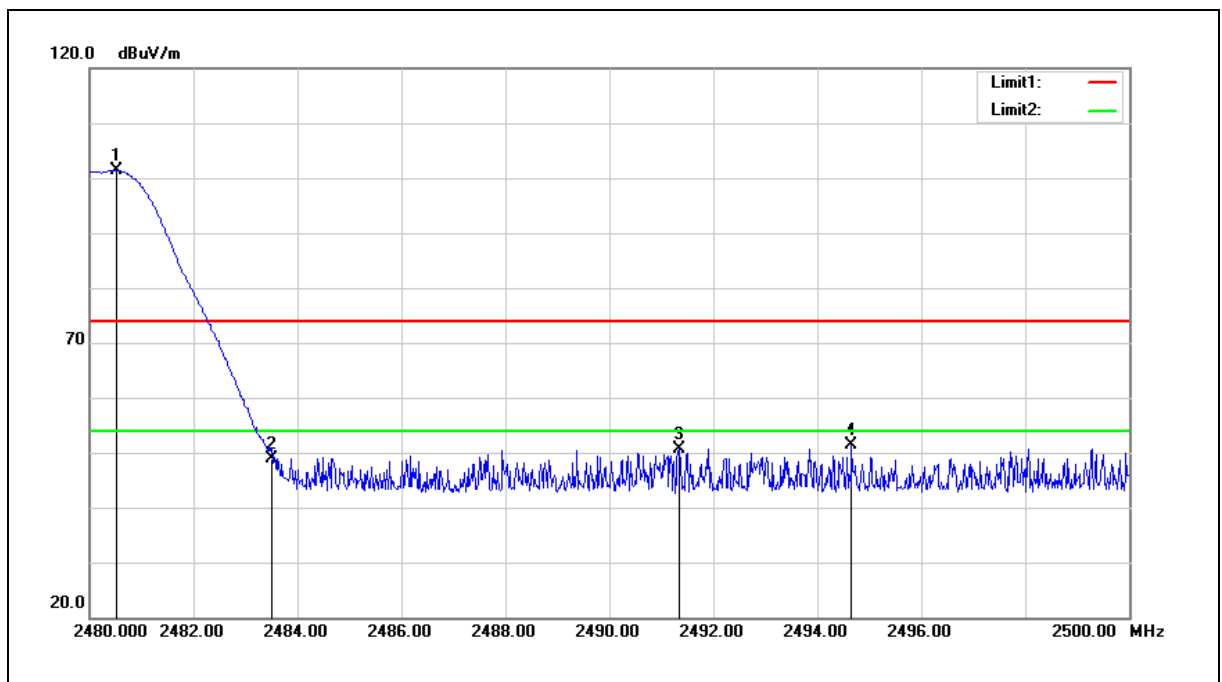
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.480	94.27	-2.94	91.33	--	--	peak
2	2483.500	47.36	-2.93	44.43	74.00	-29.57	peak
3	2491.380	48.63	-2.91	45.72	74.00	-28.28	peak

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 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.520	104.35	-2.94	101.41	--	--	peak
2	2483.500	51.76	-2.93	48.83	74.00	-25.17	peak
3	2491.340	53.56	-2.91	50.65	74.00	-23.35	peak
4	2494.660	54.22	-2.89	51.33	74.00	-22.67	peak

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

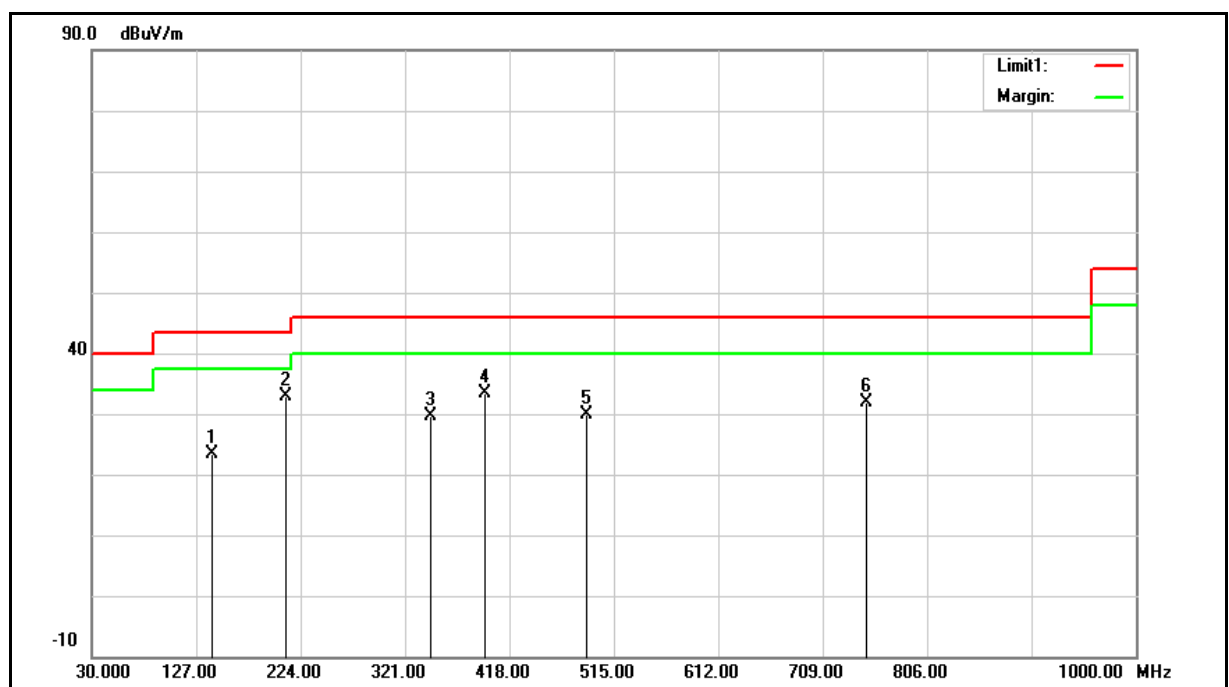
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

左耳(Left) Ant-0

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
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	141.5500	31.38	-7.99	23.39	43.50	-20.11	QP
2	210.4200	42.80	-9.87	32.93	43.50	-10.57	QP
3	344.2800	35.30	-5.77	29.53	46.00	-16.47	QP
4	395.6900	38.21	-4.90	33.31	46.00	-12.69	QP
5	489.7800	33.58	-3.75	29.83	46.00	-16.17	QP
6	749.7400	31.05	0.76	31.81	46.00	-14.19	QP

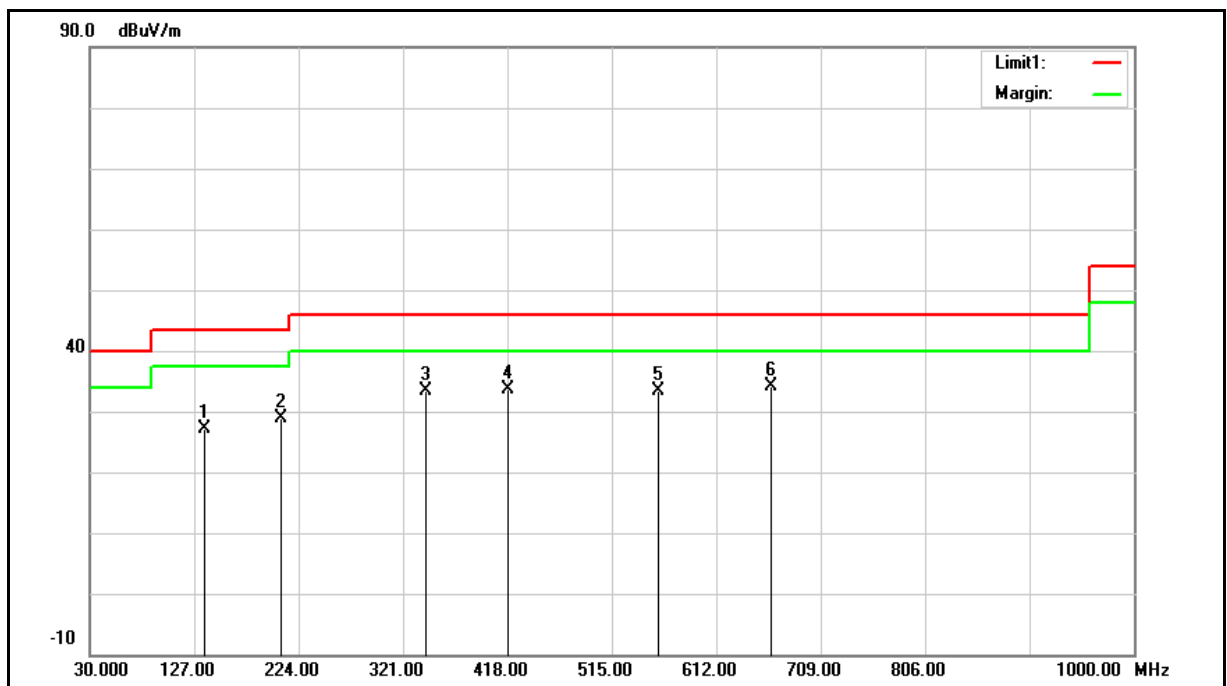
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $23.39 = -7.99 + 31.38$

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:	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	136.7000	35.42	-8.31	27.11	43.50	-16.39	QP
2	207.5100	38.67	-9.91	28.76	43.50	-14.74	QP
3	342.3400	39.30	-5.80	33.50	46.00	-12.50	QP
4	418.9700	38.02	-4.49	33.53	46.00	-12.47	QP
5	558.6500	35.78	-2.31	33.47	46.00	-12.53	QP
6	663.4100	34.66	-0.59	34.07	46.00	-11.93	QP

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

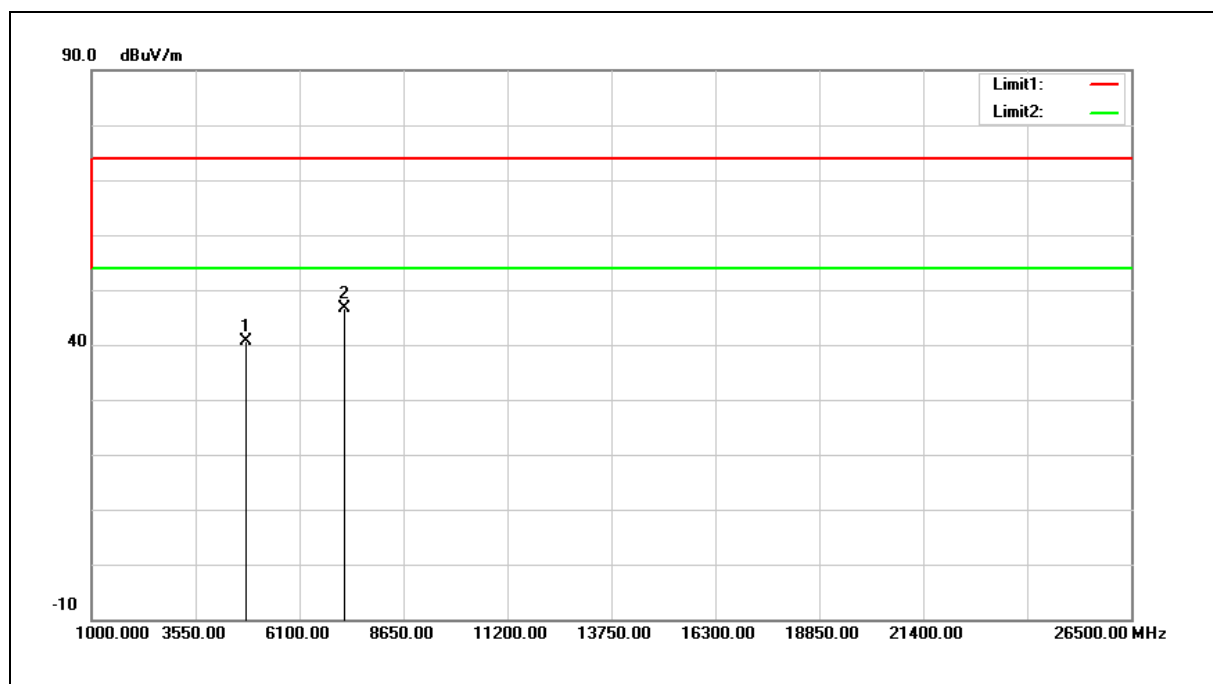
Example: $27.11 = -8.31 + 35.42$

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	37.87	2.80	40.67	74.00	-33.33	peak
2	7206.000	37.87	8.82	46.69	74.00	-27.31	peak

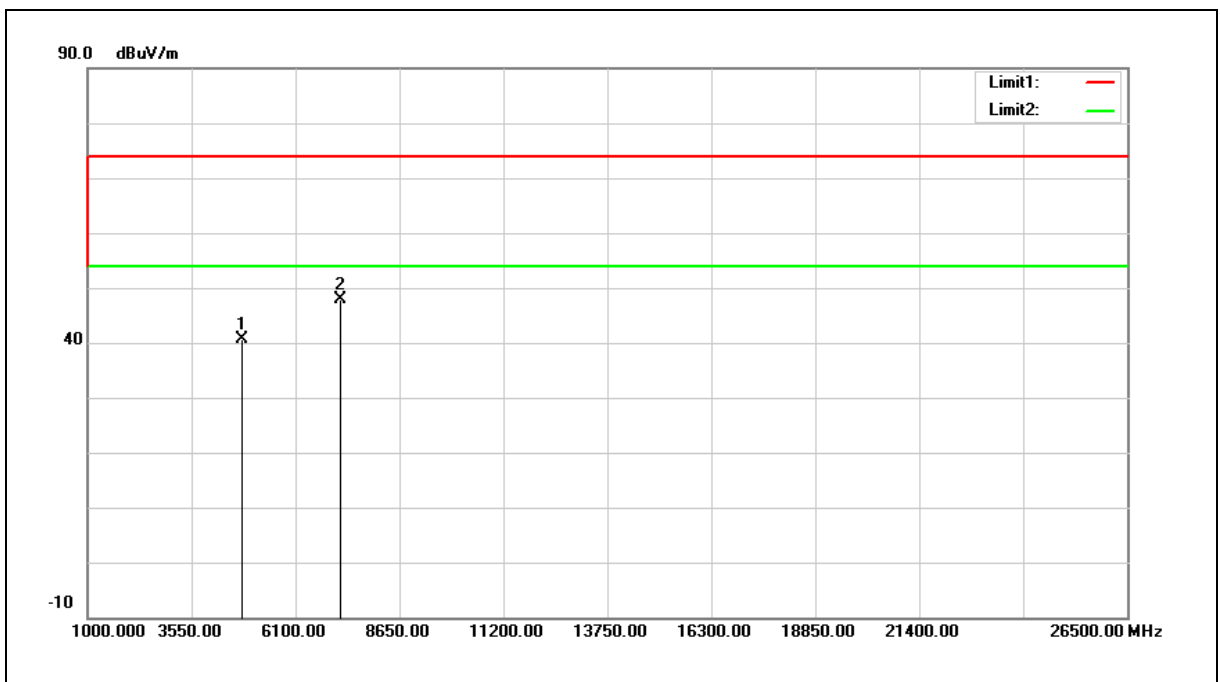
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $40.67 = 2.80 + 37.87$

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	4804.000	37.94	2.80	40.74	74.00	-33.26	peak
2	7206.000	39.02	8.82	47.84	74.00	-26.16	peak

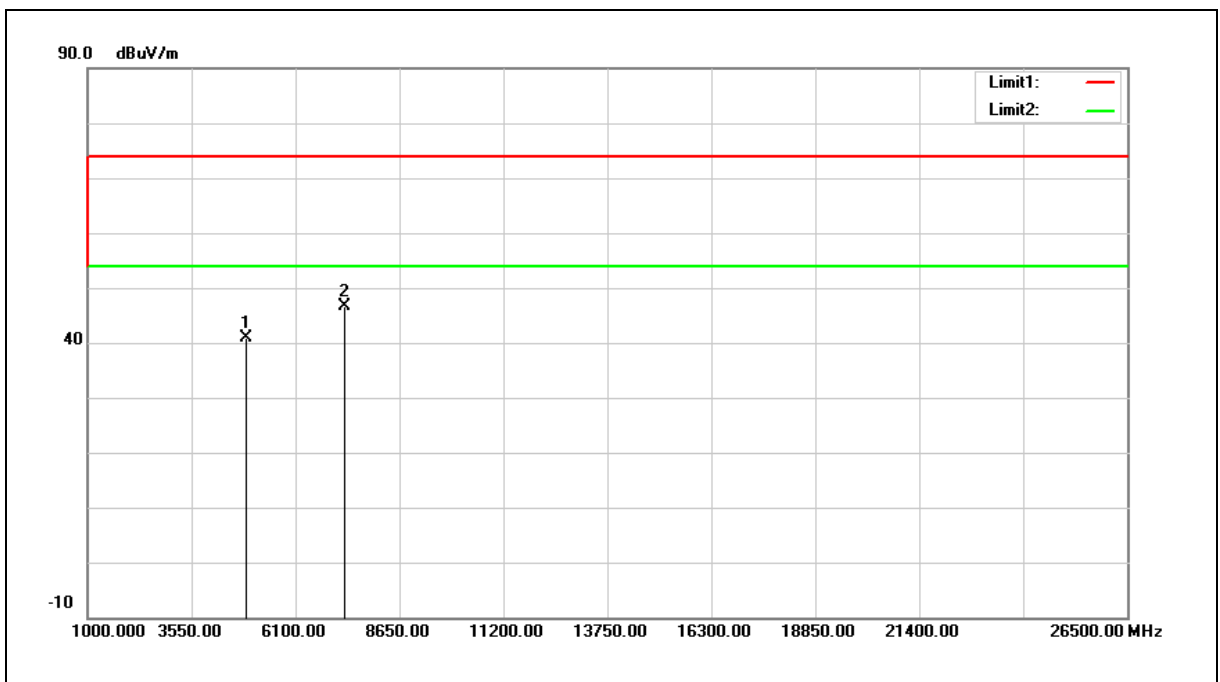
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $40.74 = 2.80 + 37.94$

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:	2441 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



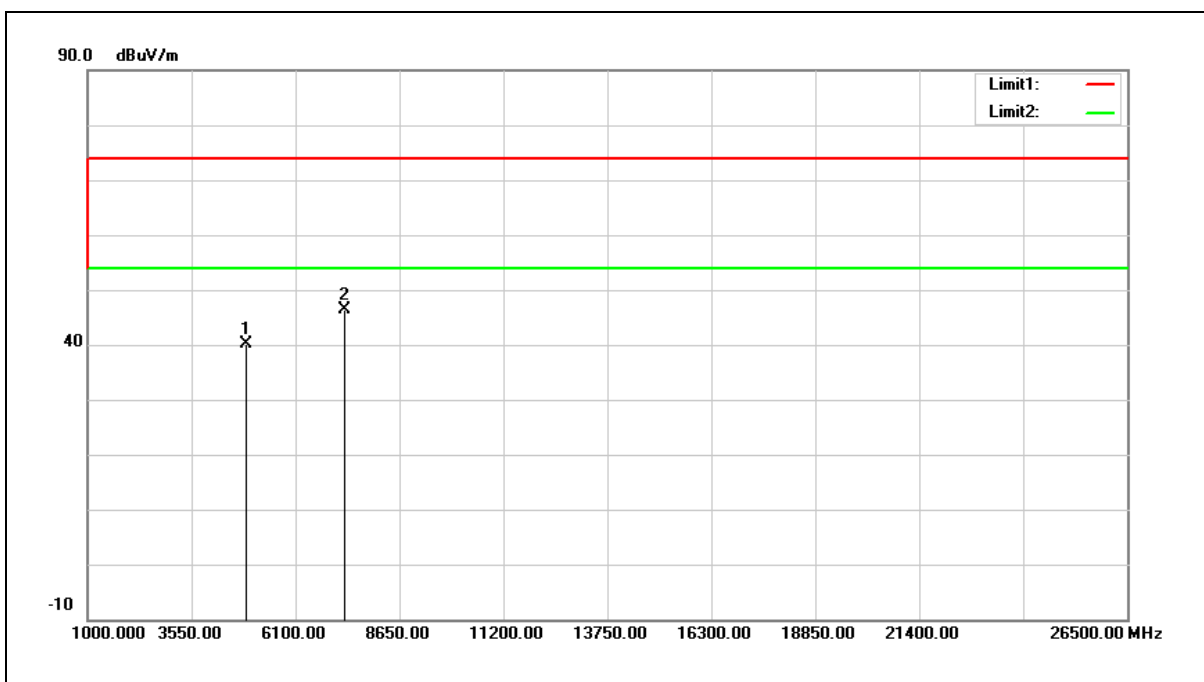
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	37.85	2.98	40.83	74.00	-33.17	peak
2	7323.000	37.54	9.18	46.72	74.00	-27.28	peak

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:	2441 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



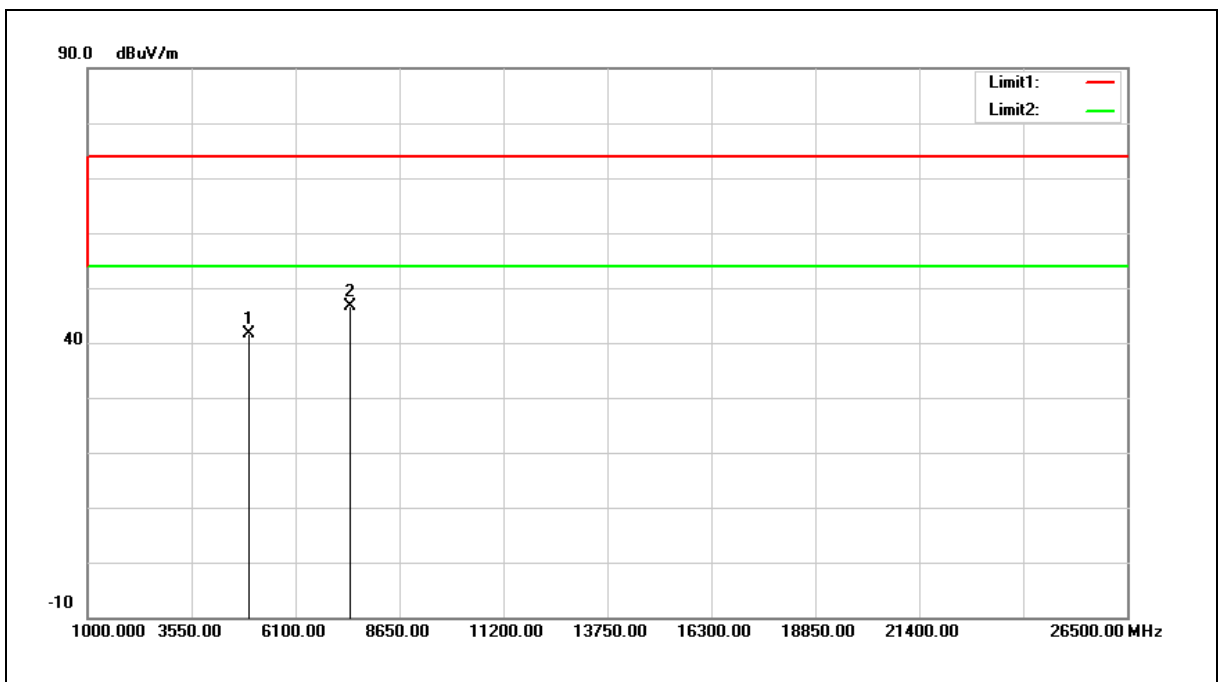
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	37.03	2.98	40.01	74.00	-33.99	peak
2	7323.000	37.09	9.18	46.27	74.00	-27.73	peak

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



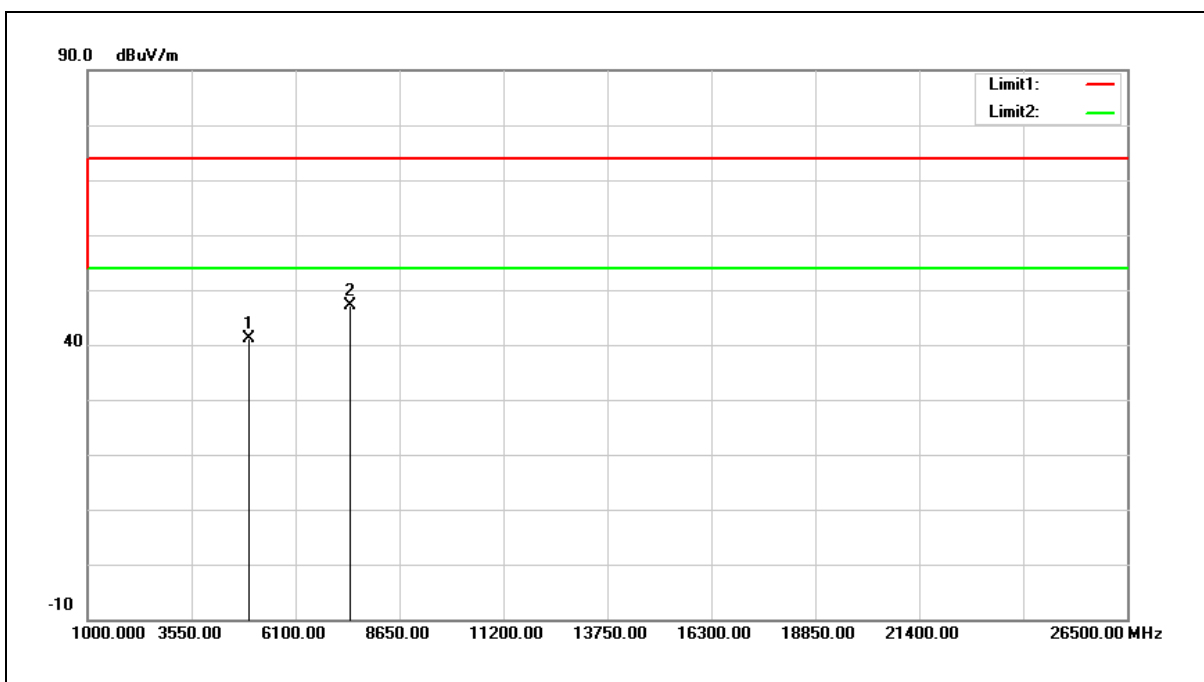
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.48	3.17	41.65	74.00	-32.35	peak
2	7440.000	37.17	9.55	46.72	74.00	-27.28	peak

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



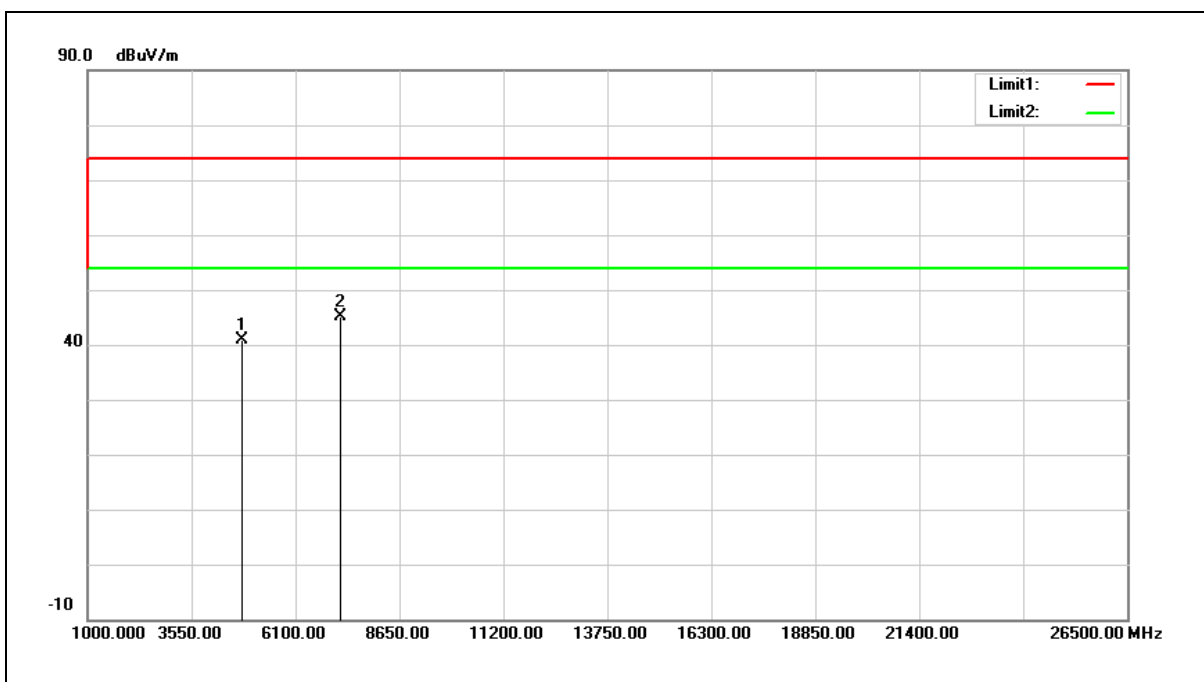
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	37.98	3.17	41.15	74.00	-32.85	peak
2	7440.000	37.48	9.55	47.03	74.00	-26.97	peak

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:	3 m
Test item:	Harmonic		
Frequency:	2402 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



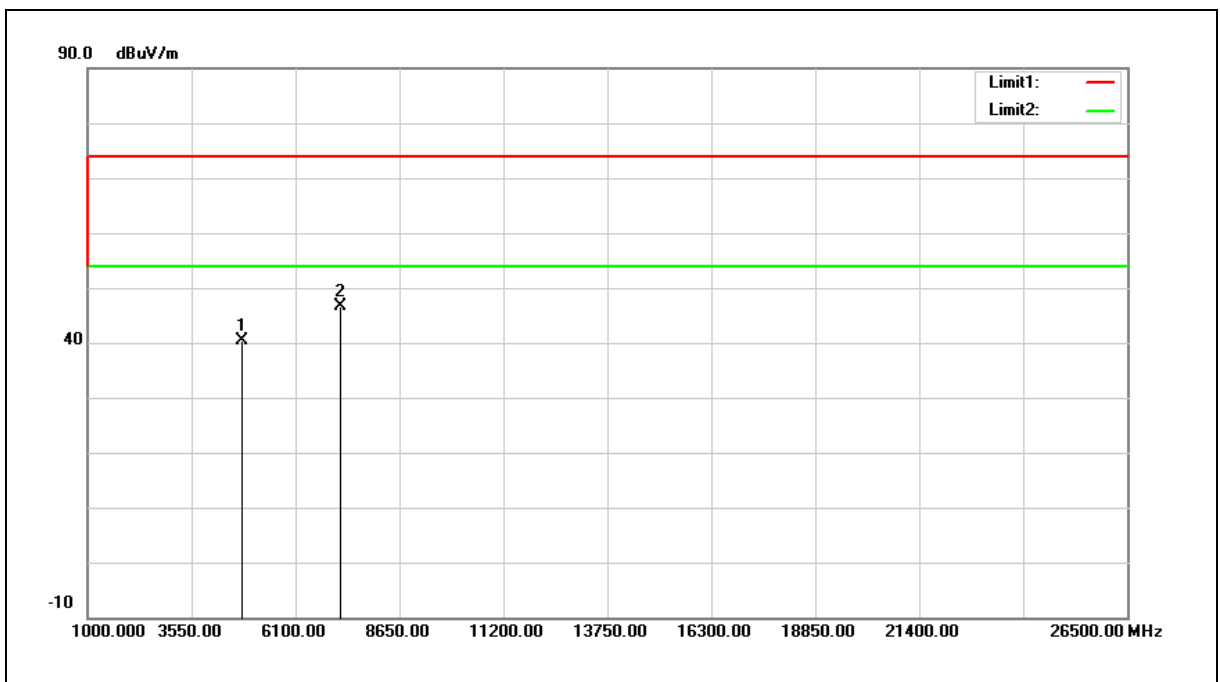
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	38.18	2.80	40.98	74.00	-33.02	peak
2	7206.000	36.36	8.82	45.18	74.00	-28.82	peak

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:	Harmonic		
Frequency:	2402 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



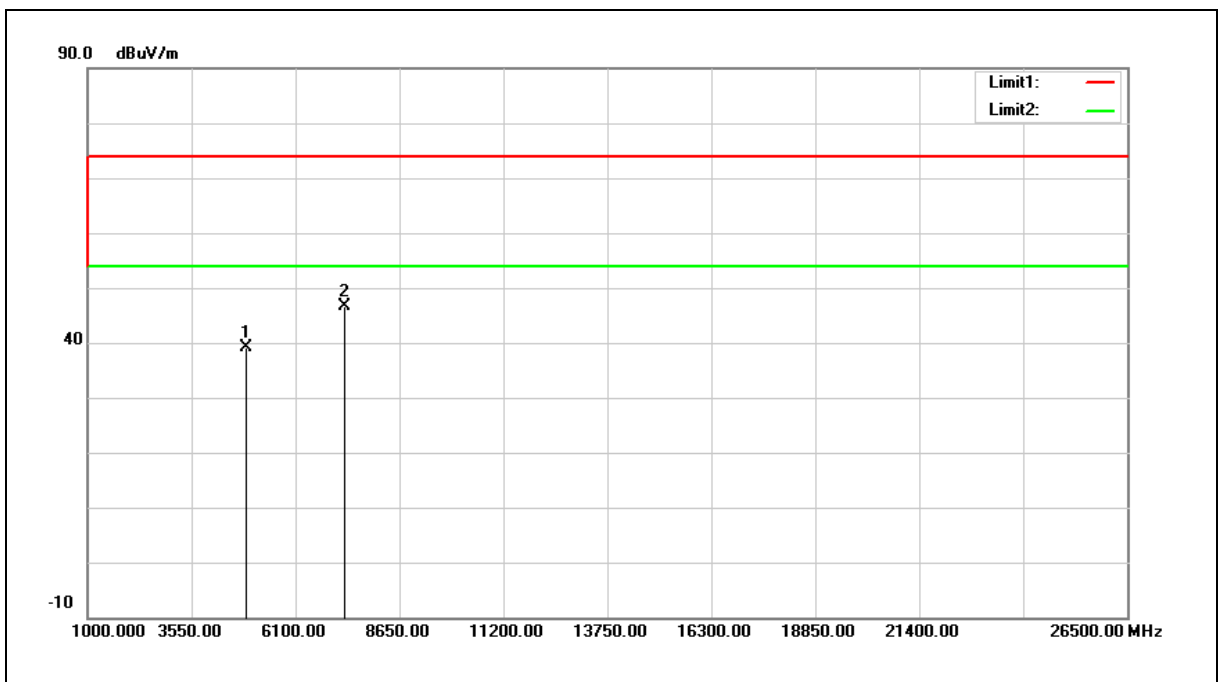
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	37.62	2.80	40.42	74.00	-33.58	peak
2	7206.000	37.92	8.82	46.74	74.00	-27.26	peak

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:	2441 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



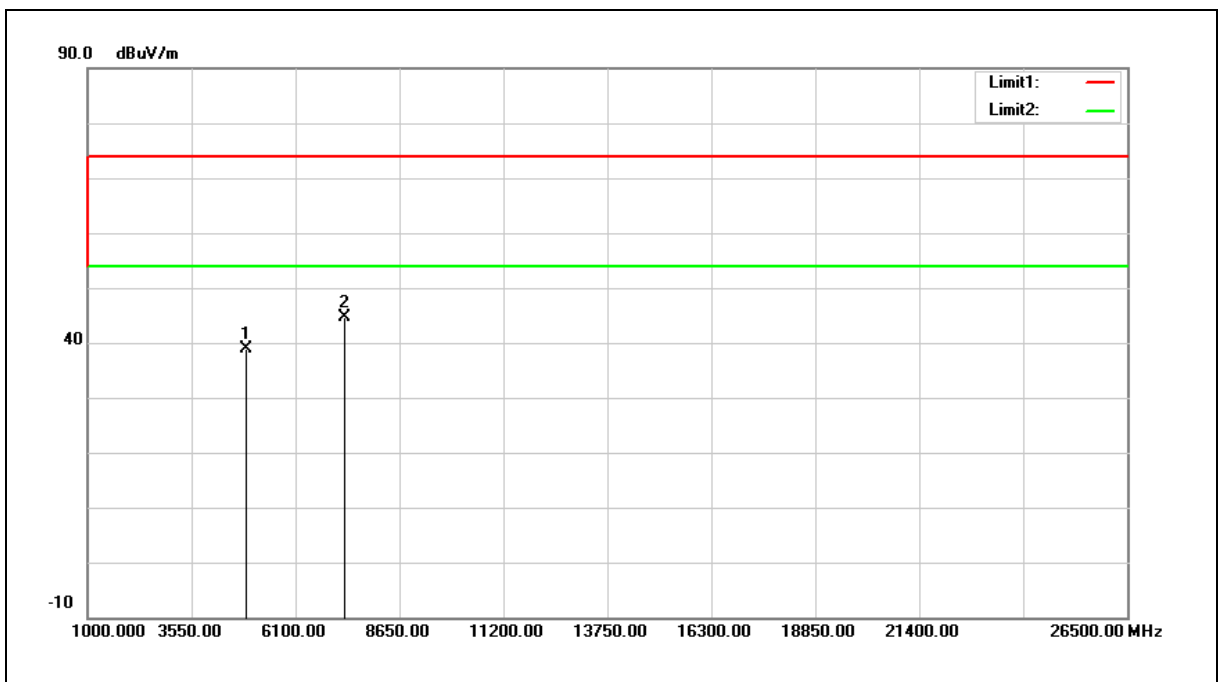
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	36.21	2.98	39.19	74.00	-34.81	peak
2	7323.000	37.45	9.18	46.63	74.00	-27.37	peak

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:	2441 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



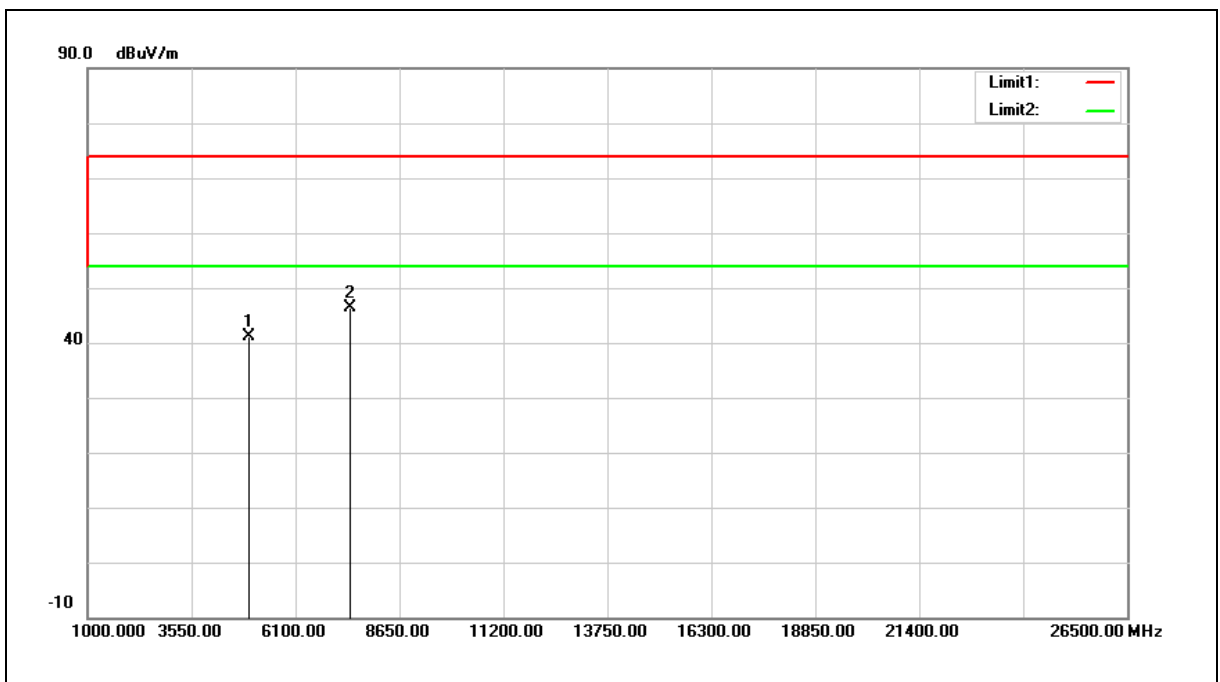
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	36.00	2.98	38.98	74.00	-35.02	peak
2	7323.000	35.44	9.18	44.62	74.00	-29.38	peak

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:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



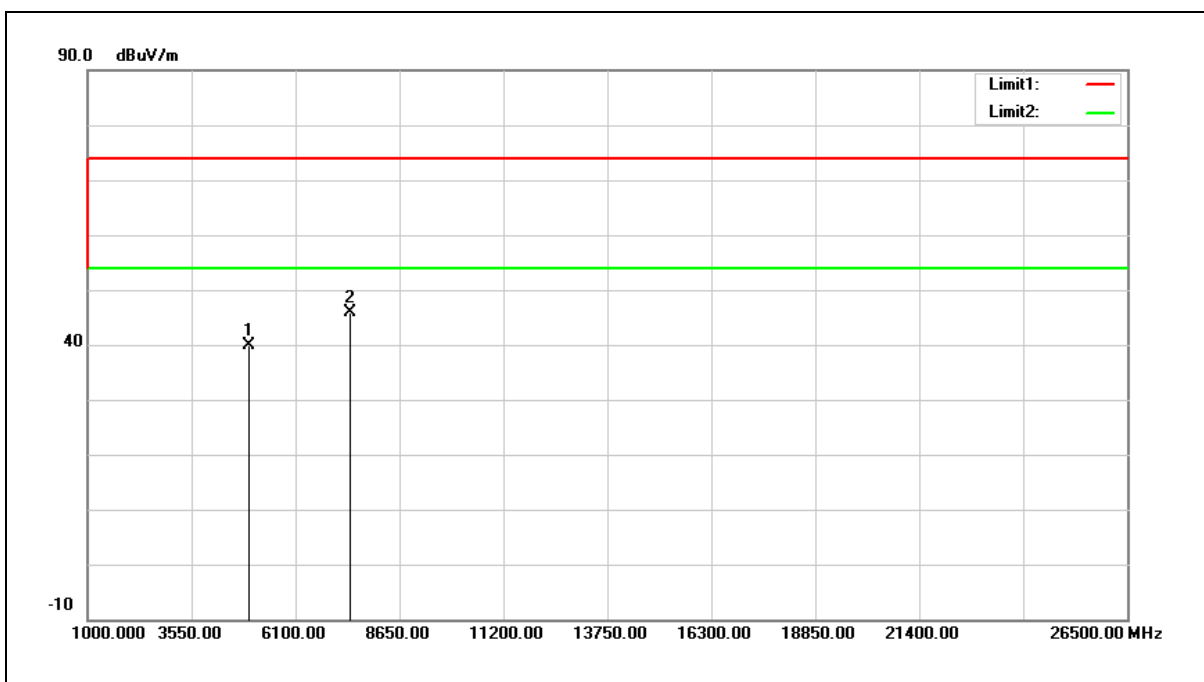
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.04	3.17	41.21	74.00	-32.79	peak
2	7440.000	36.87	9.55	46.42	74.00	-27.58	peak

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:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



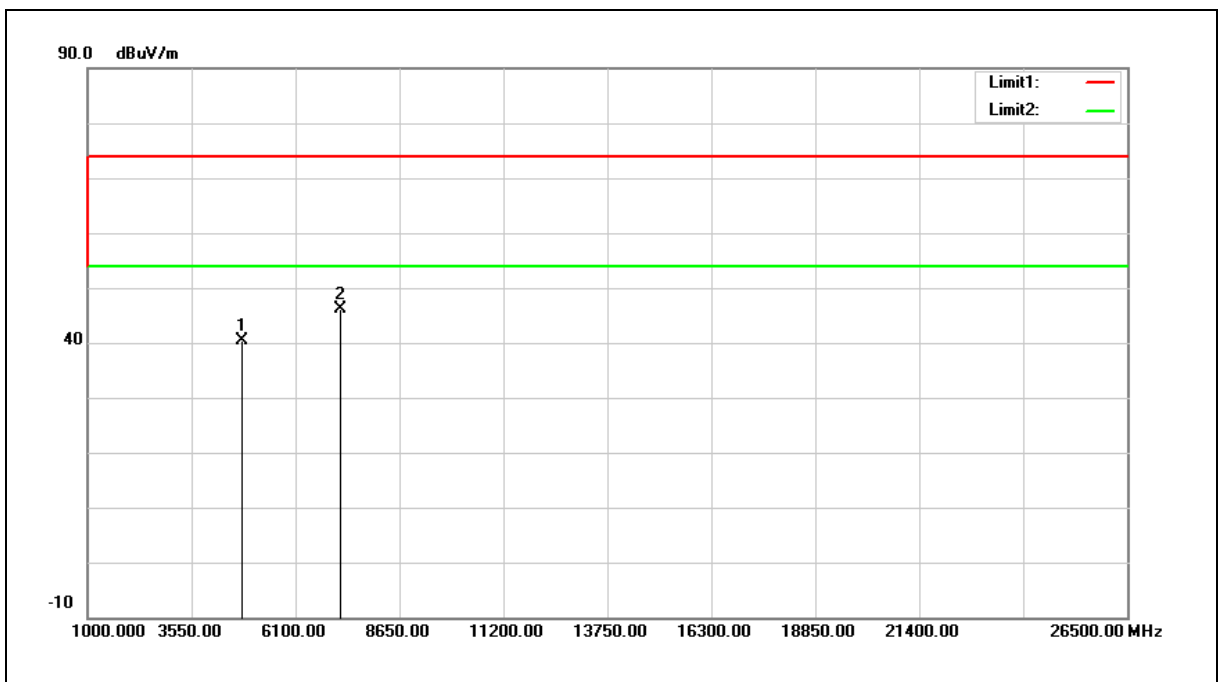
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	36.80	3.17	39.97	74.00	-34.03	peak
2	7440.000	36.40	9.55	45.95	74.00	-28.05	peak

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:	2402 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



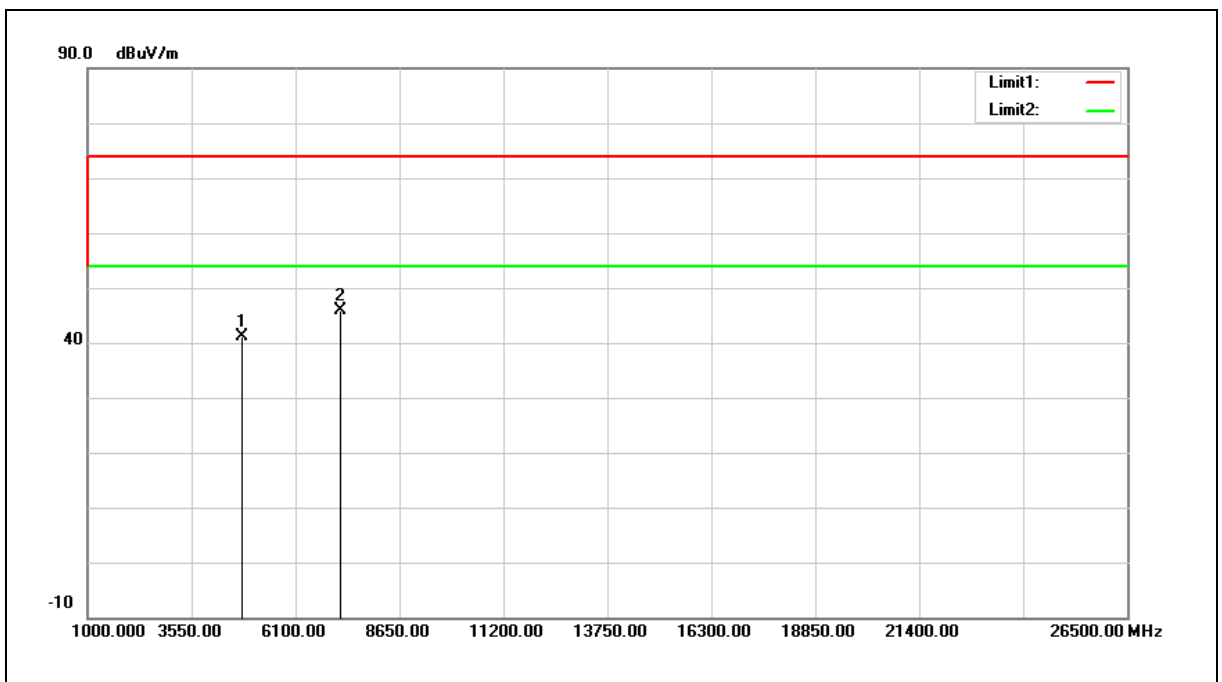
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	37.58	2.80	40.38	74.00	-33.62	peak
2	7206.000	37.32	8.82	46.14	74.00	-27.86	peak

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:	2402 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



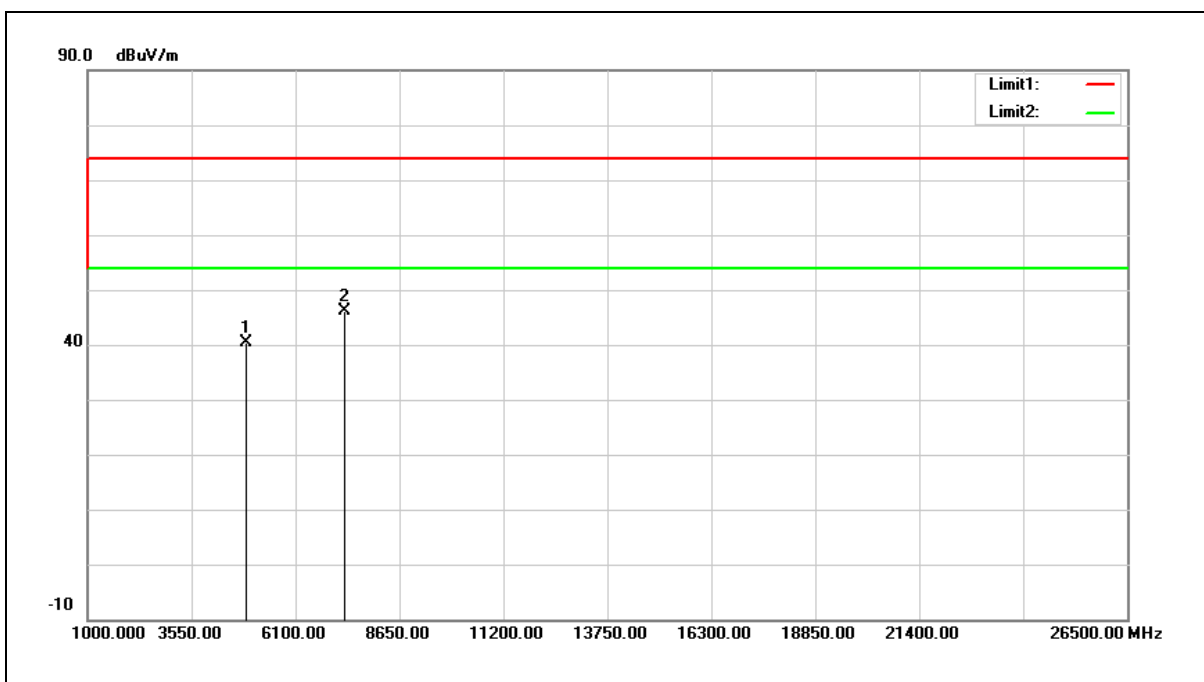
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	38.36	2.80	41.16	74.00	-32.84	peak
2	7206.000	37.02	8.82	45.84	74.00	-28.16	peak

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:	2440 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



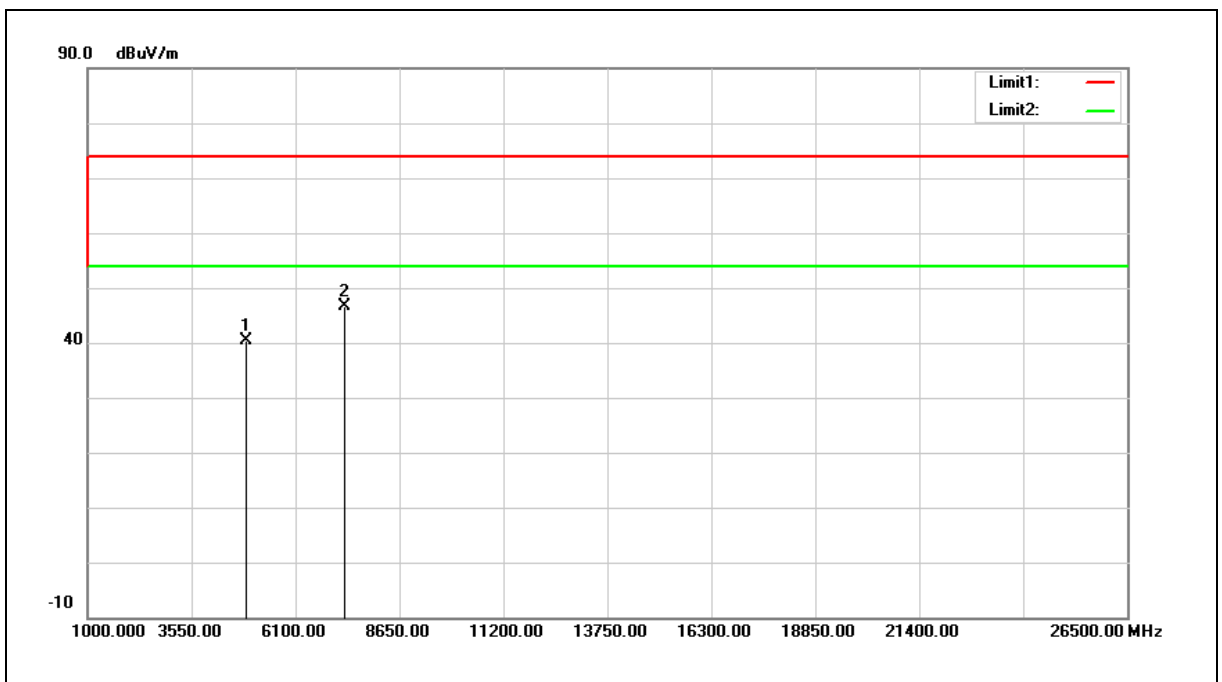
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	37.29	2.97	40.26	74.00	-33.74	peak
2	7320.000	36.89	9.18	46.07	74.00	-27.93	peak

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:	2440 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



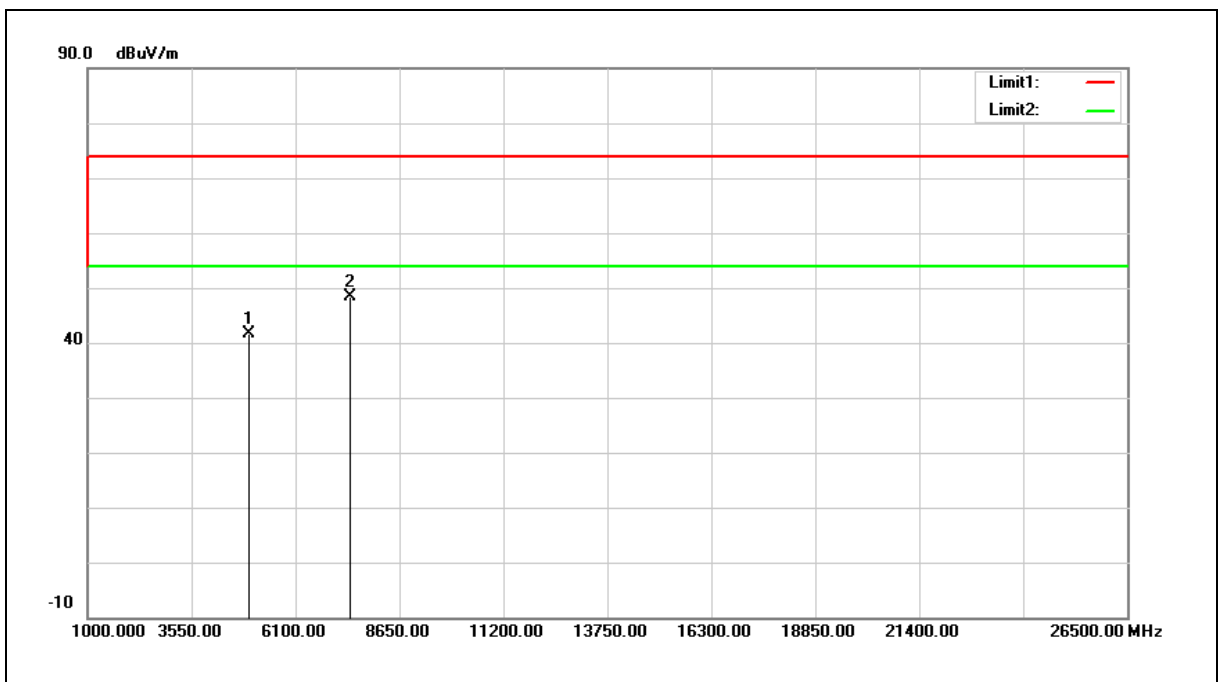
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	37.44	2.97	40.41	74.00	-33.59	peak
2	7320.000	37.44	9.18	46.62	74.00	-27.38	peak

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:	2480 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



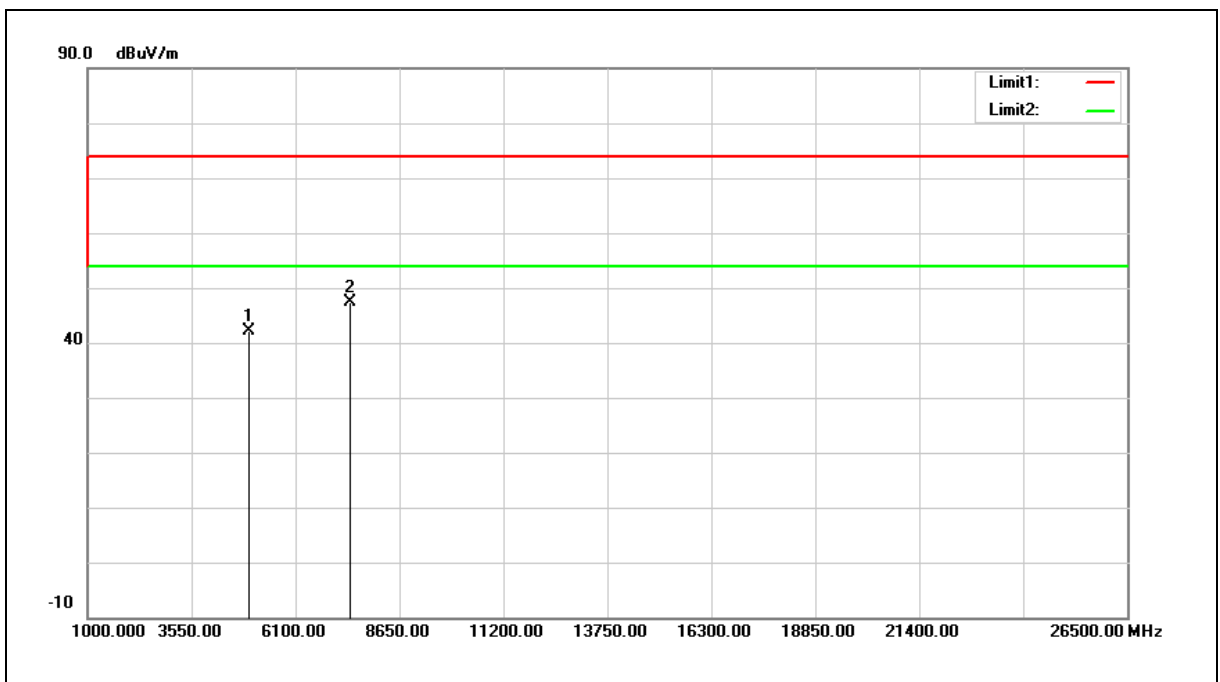
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.49	3.17	41.66	74.00	-32.34	peak
2	7440.000	38.81	9.55	48.36	74.00	-25.64	peak

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:	2480 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



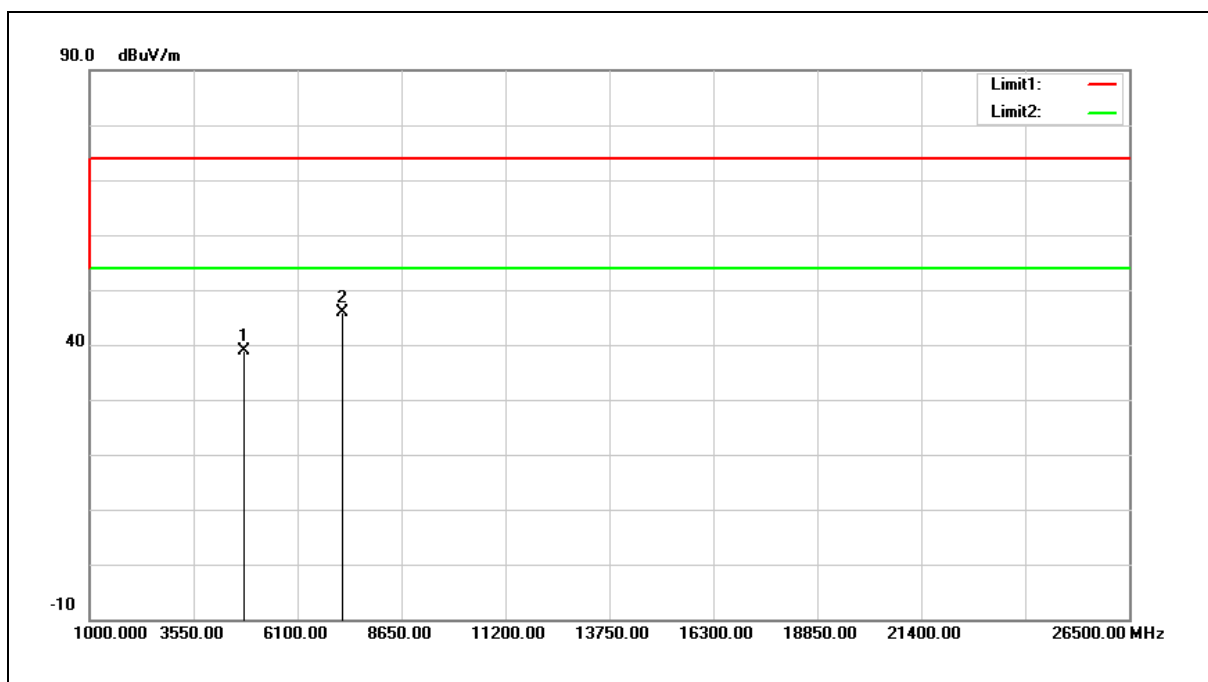
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.93	3.17	42.10	74.00	-31.90	peak
2	7440.000	37.86	9.55	47.41	74.00	-26.59	peak

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:	2402 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



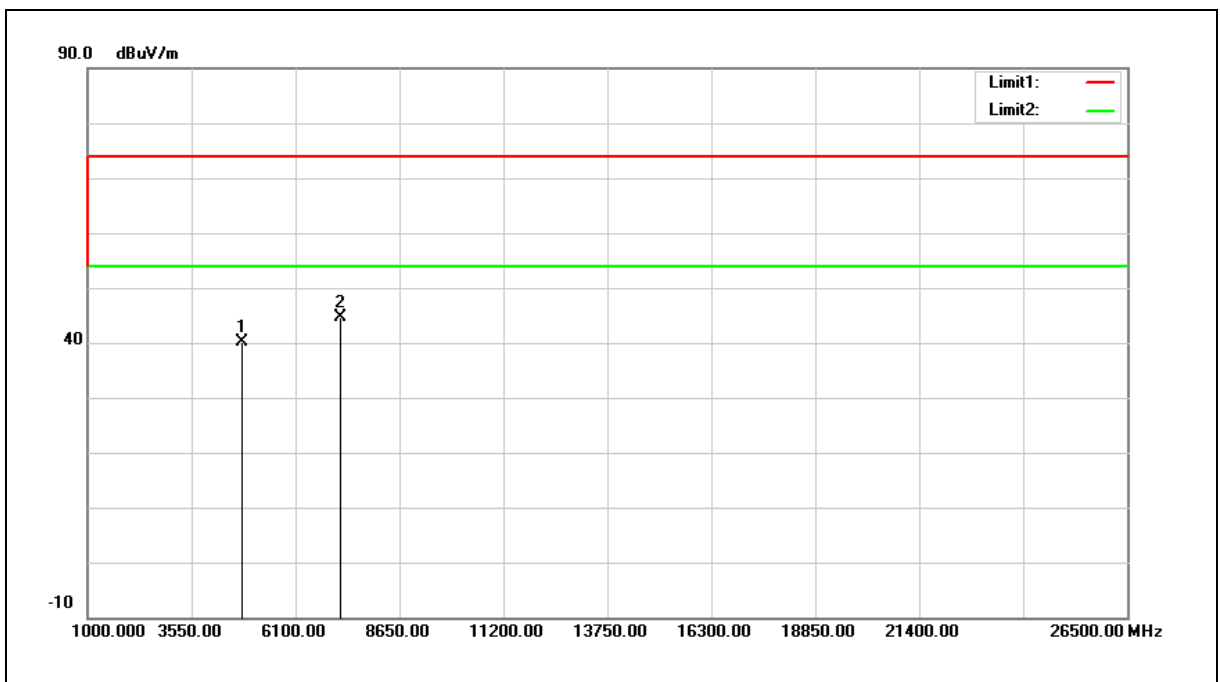
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	36.16	2.80	38.96	74.00	-35.04	peak
2	7206.000	37.14	8.82	45.96	74.00	-28.04	peak

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:	2402 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



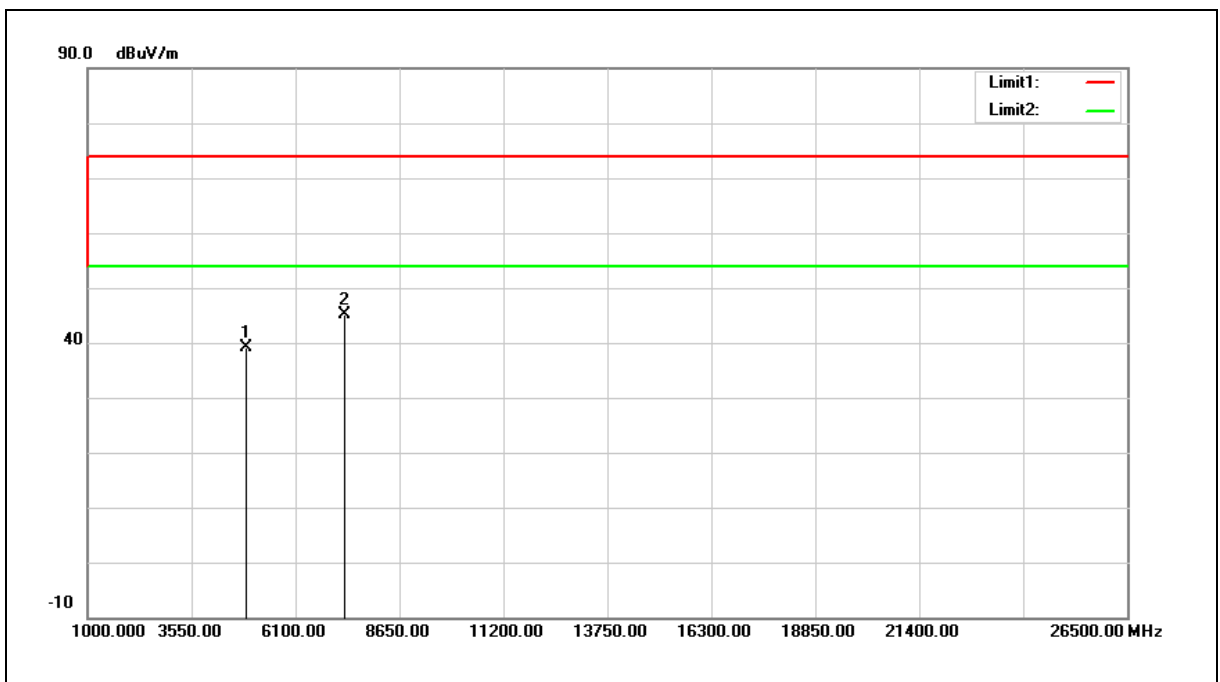
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	37.32	2.80	40.12	74.00	-33.88	peak
2	7206.000	35.92	8.82	44.74	74.00	-29.26	peak

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:	2440 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



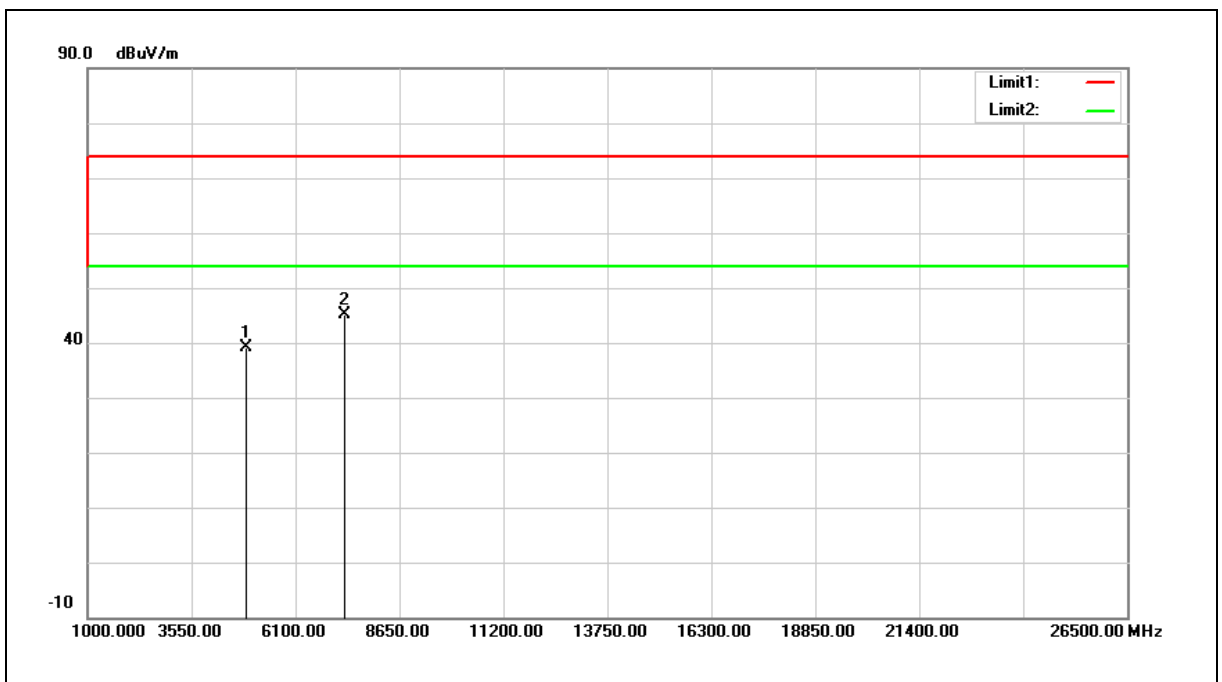
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	36.14	2.97	39.11	74.00	-34.89	peak
2	7320.000	35.93	9.18	45.11	74.00	-28.89	peak

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:	2440 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



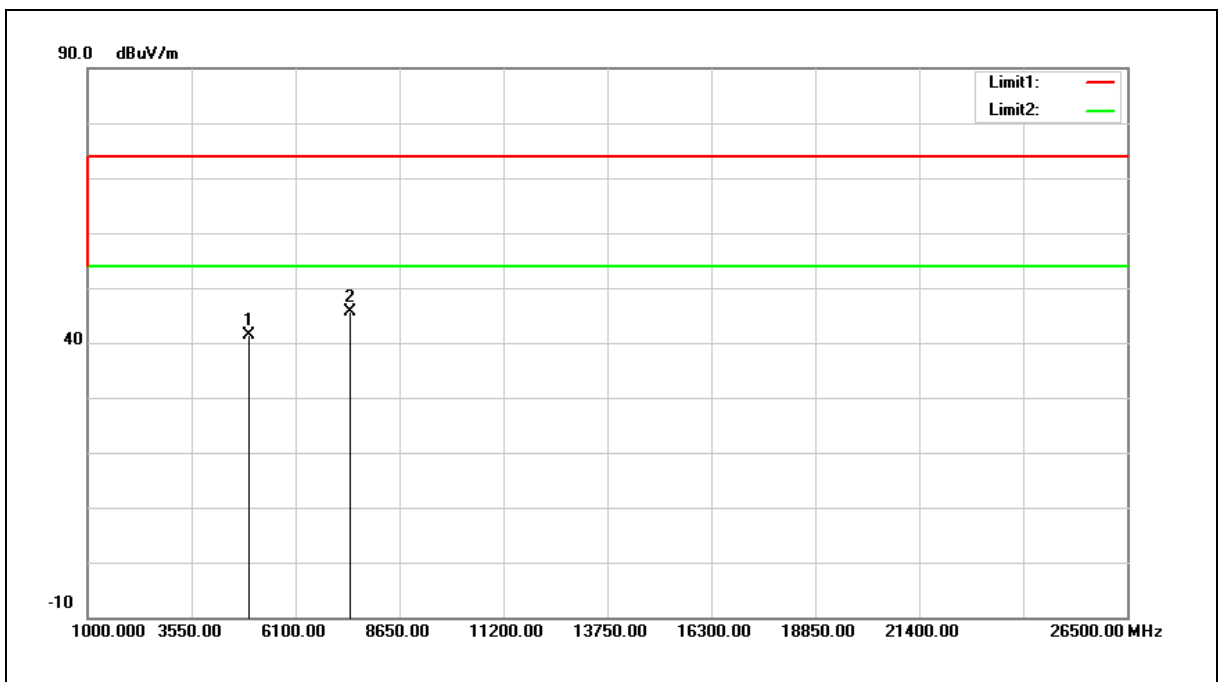
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4880.000	36.15	2.97	39.12	74.00	-34.88	peak
2	7320.000	35.96	9.18	45.14	74.00	-28.86	peak

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:	2480 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



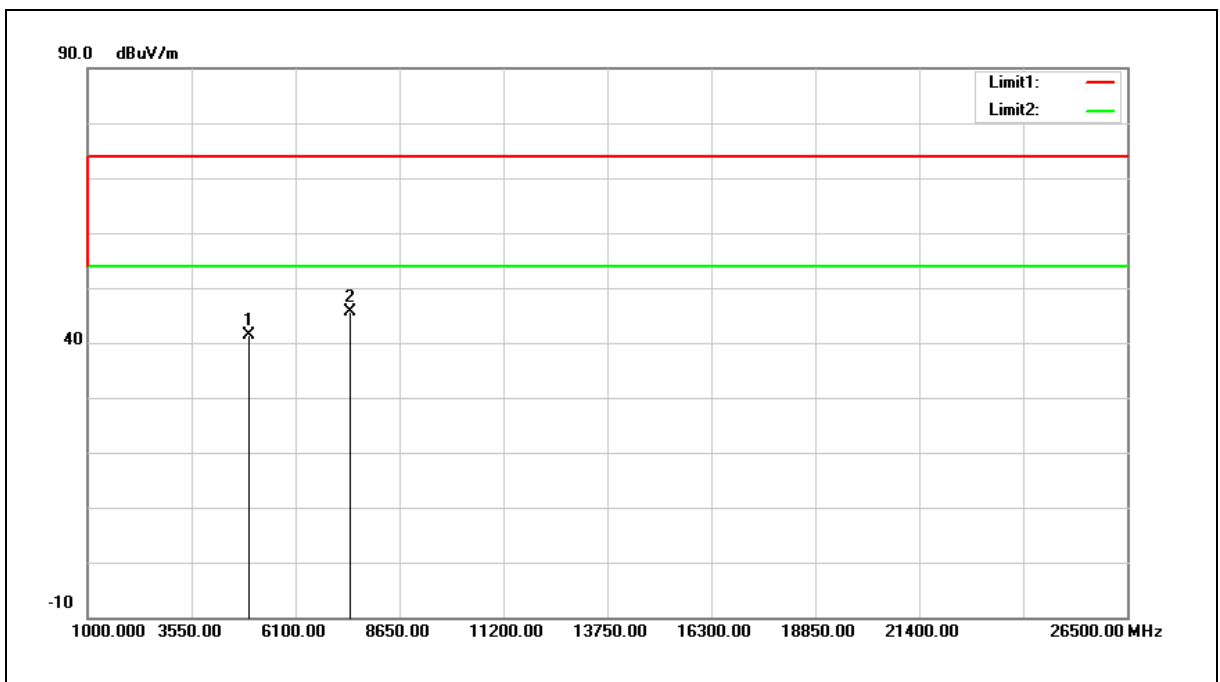
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.22	3.17	41.39	74.00	-32.61	peak
2	7440.000	35.99	9.55	45.54	74.00	-28.46	peak

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:	2480 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



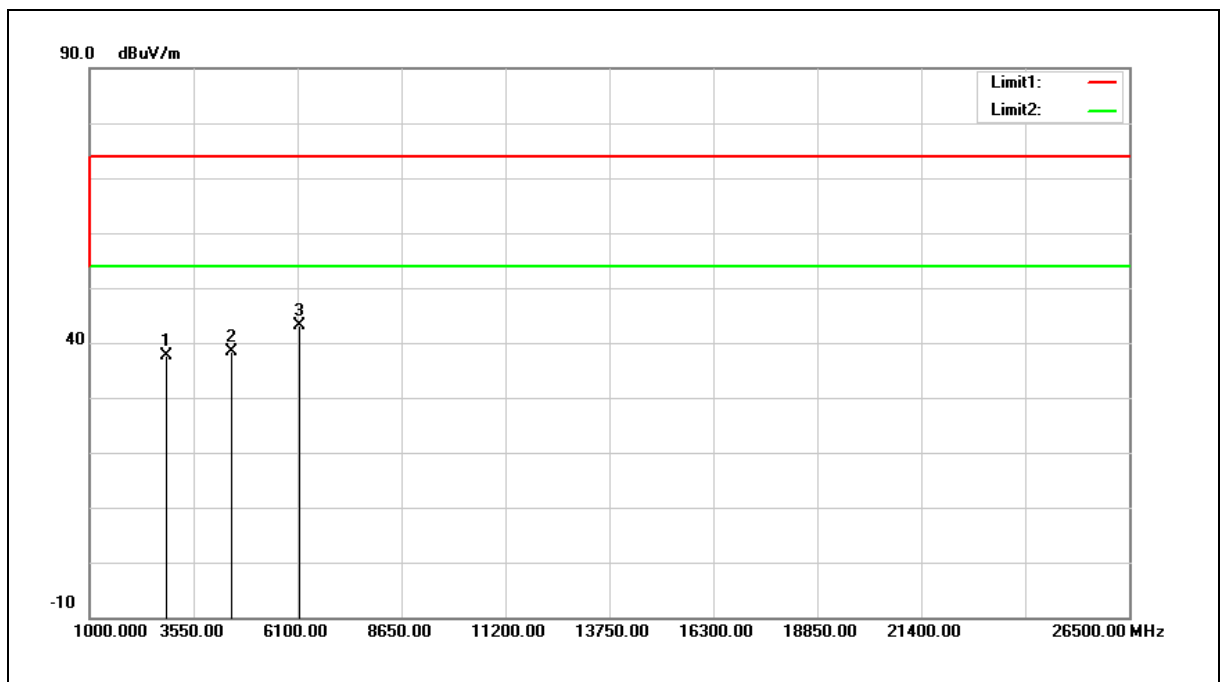
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	38.09	3.17	41.26	74.00	-32.74	peak
2	7440.000	36.16	9.55	45.71	74.00	-28.29	peak

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 7		
Ant.Polar.:	Horizontal		
Description:			



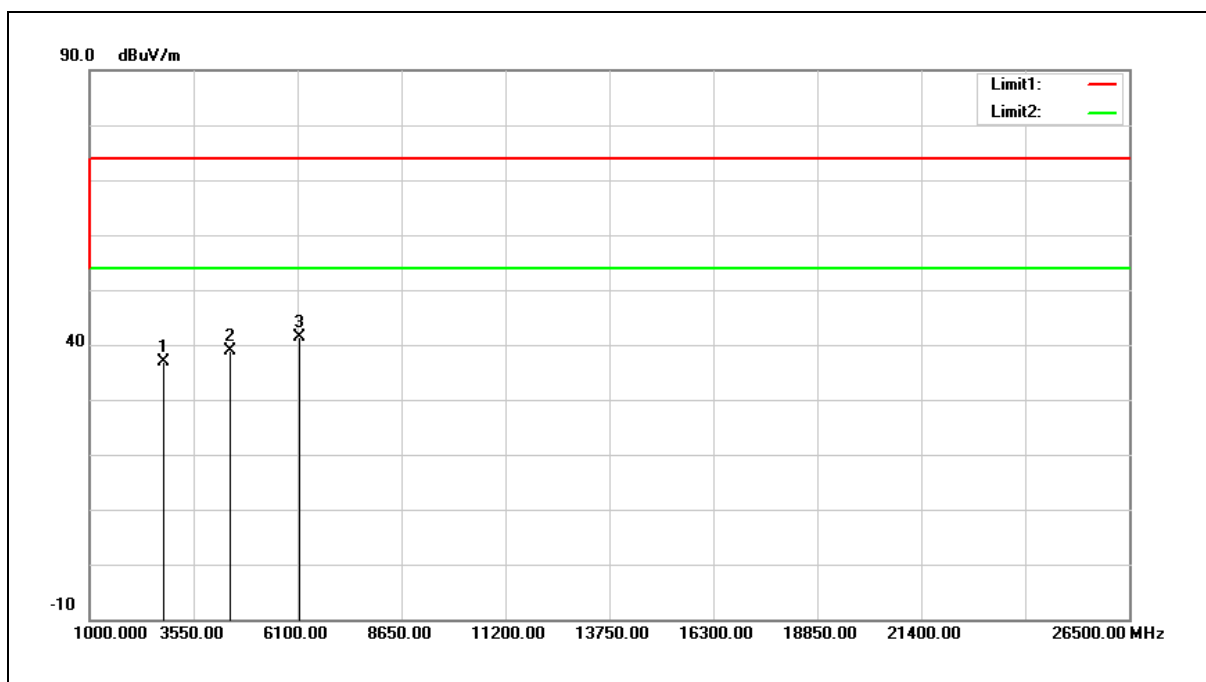
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2870.000	39.22	-1.52	37.70	74.00	-36.30	peak
2	4485.000	36.36	2.02	38.38	74.00	-35.62	peak
3	6134.000	37.66	5.40	43.06	74.00	-30.94	peak

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:	Harmonic		
Mode:	Mode 7		
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	38.57	-1.72	36.85	74.00	-37.15	peak
2	4451.000	36.94	1.93	38.87	74.00	-35.13	peak
3	6134.000	35.92	5.40	41.32	74.00	-32.68	peak

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

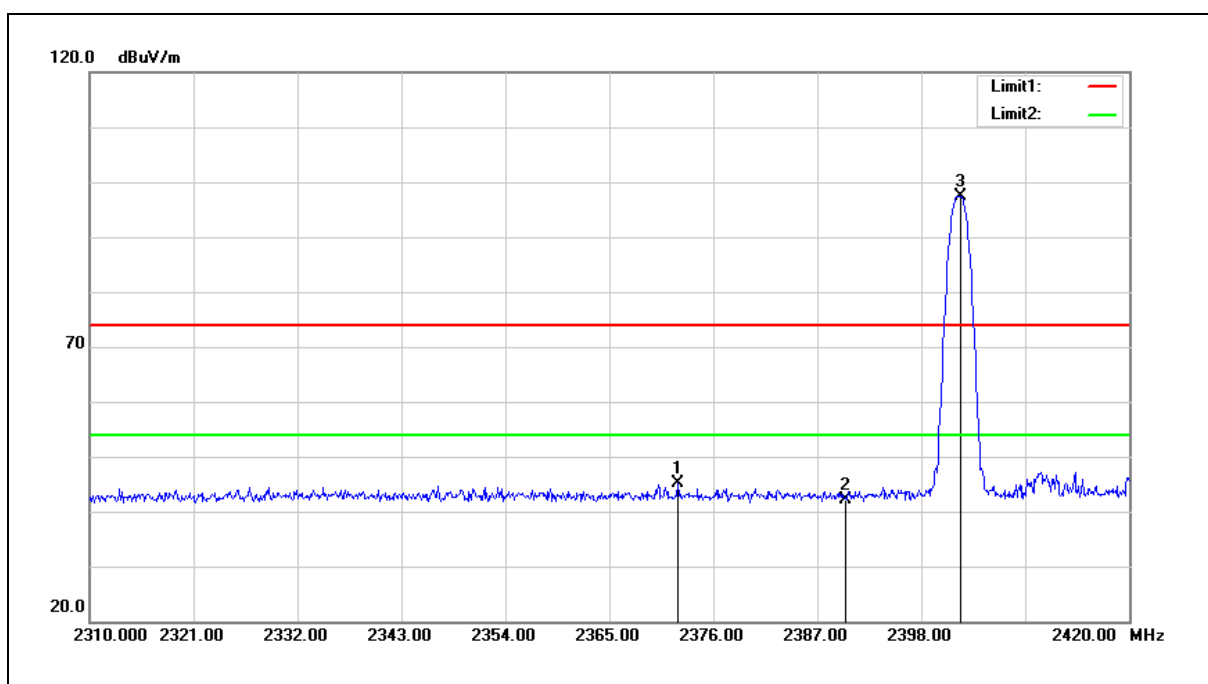
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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器材第 3.7 節所列頻帶內之混附發射，其電場強度必須符合第 3.8 節的限制規定。

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



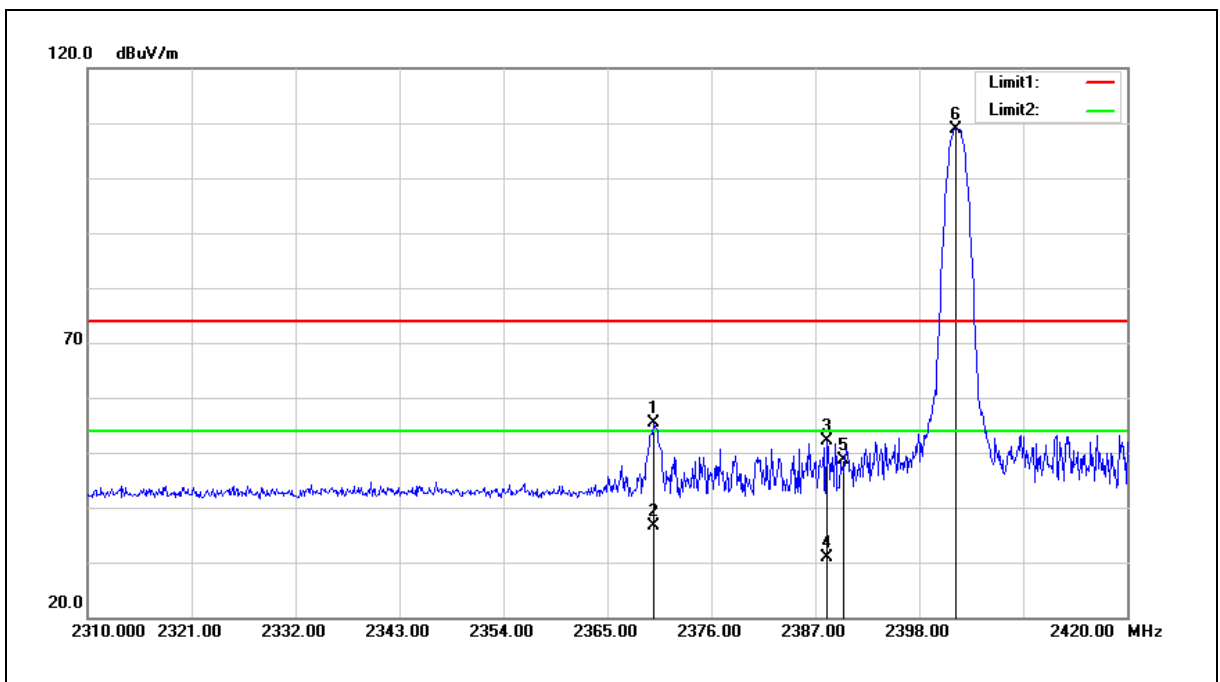
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2372.260	48.51	-3.34	45.17	74.00	-28.83	peak
2	2390.000	45.29	-3.28	42.01	74.00	-31.99	peak
3	2402.180	100.65	-3.23	97.42	--	--	peak

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		



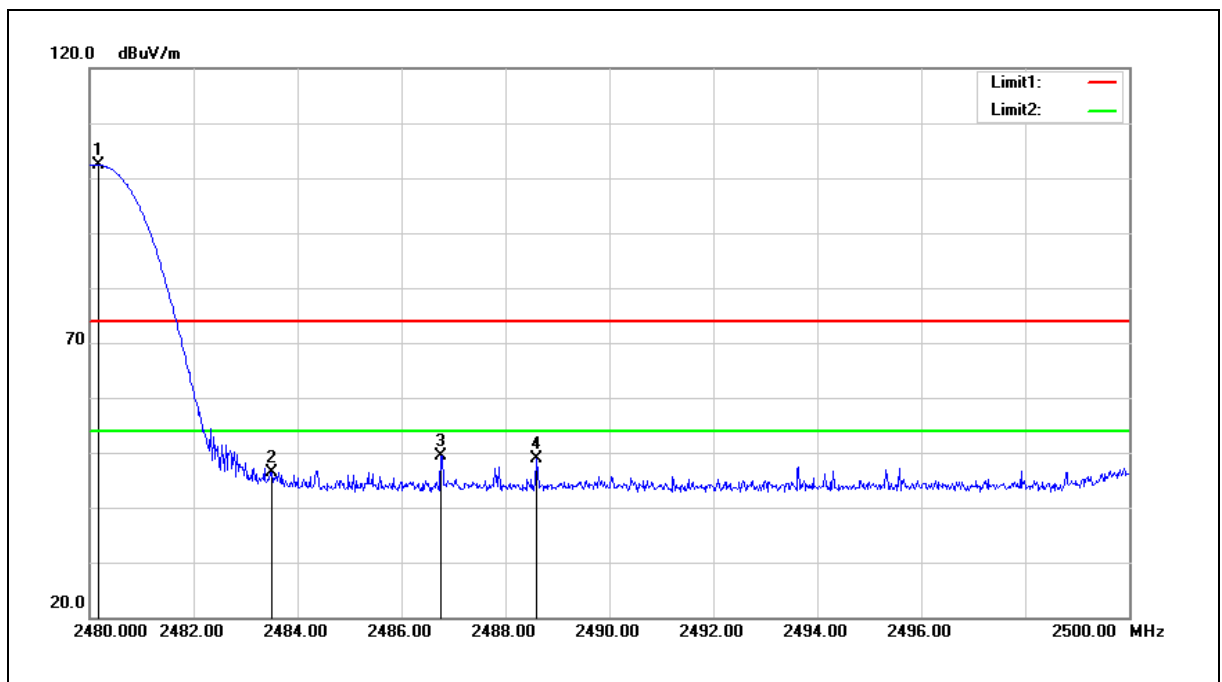
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2369.950	58.80	-3.36	55.44	74.00	-18.56	peak
2	2369.950	40.10	-3.36	36.74	54.00	-17.26	AVG
3	2388.210	55.34	-3.29	52.05	74.00	-21.95	peak
4	2388.210	34.12	-3.29	30.83	54.00	-23.17	AVG
5	2390.000	51.87	-3.28	48.59	74.00	-25.41	peak
6	2401.850	112.21	-3.23	108.98	--	--	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:	3 m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



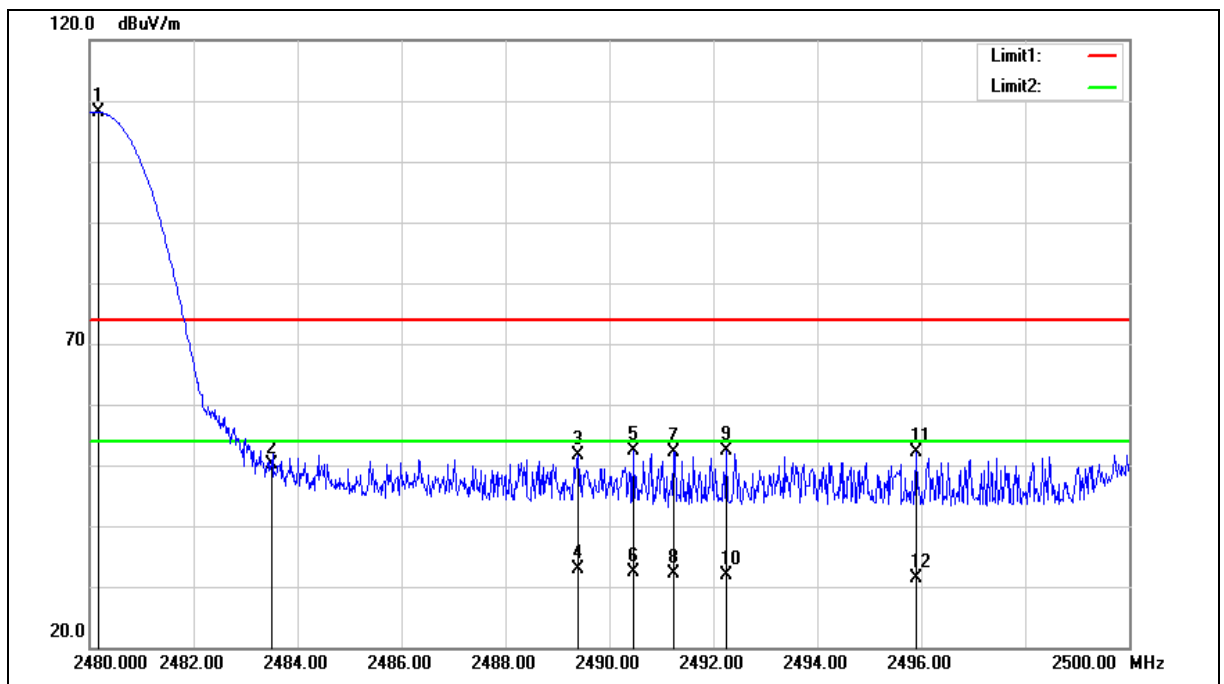
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.180	105.32	-2.94	102.38	--	--	peak
2	2483.500	49.39	-2.93	46.46	74.00	-27.54	peak
3	2486.760	52.39	-2.92	49.47	74.00	-24.53	peak
4	2488.600	51.73	-2.91	48.82	74.00	-25.18	peak

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



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

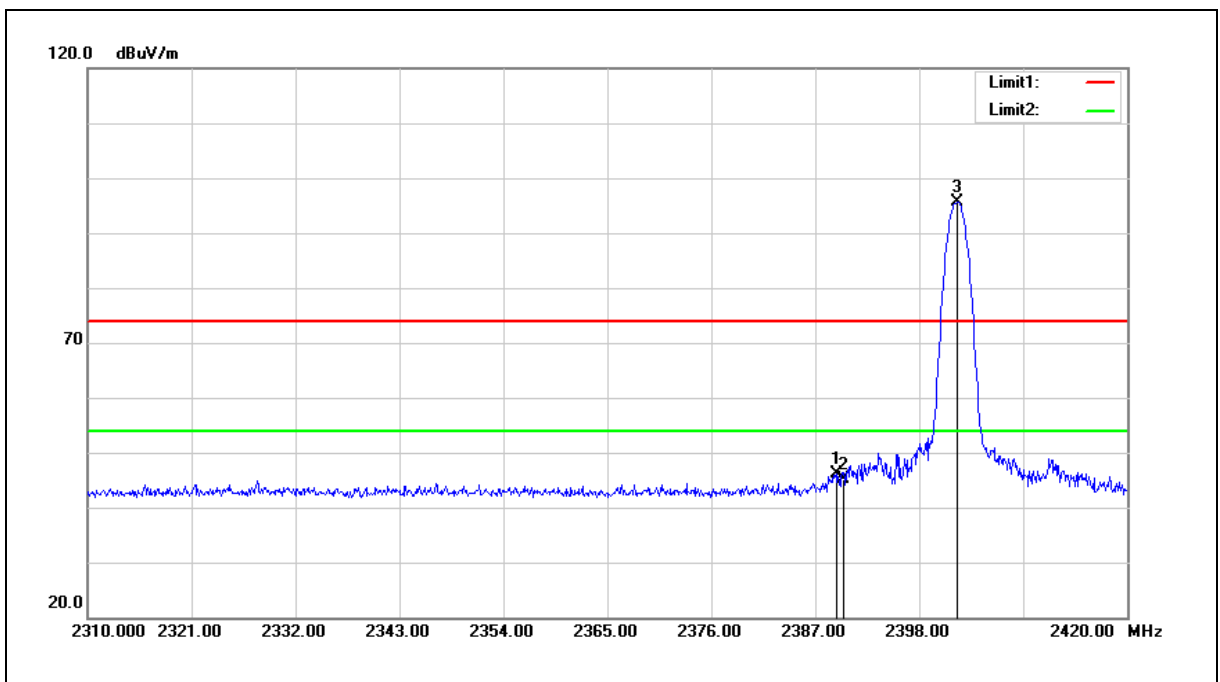
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.180	111.02	-2.94	108.08	--	--	peak
2	2483.500	53.02	-2.93	50.09	74.00	-23.91	peak
3	2489.400	54.44	-2.91	51.53	74.00	-22.47	peak
4	2489.400	35.89	-2.91	32.98	54.00	-21.02	AVG
5	2490.460	55.29	-2.91	52.38	74.00	-21.62	peak
6	2490.460	35.22	-2.91	32.31	54.00	-21.69	AVG
7	2491.240	55.09	-2.91	52.18	74.00	-21.82	peak
8	2491.240	35.04	-2.91	32.13	54.00	-21.87	AVG
9	2492.240	55.24	-2.90	52.34	74.00	-21.66	peak
10	2492.240	34.81	-2.90	31.91	54.00	-22.09	AVG
11	2495.900	55.13	-2.88	52.25	74.00	-21.75	peak
12	2495.900	34.16	-2.88	31.28	54.00	-22.72	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:	3 m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



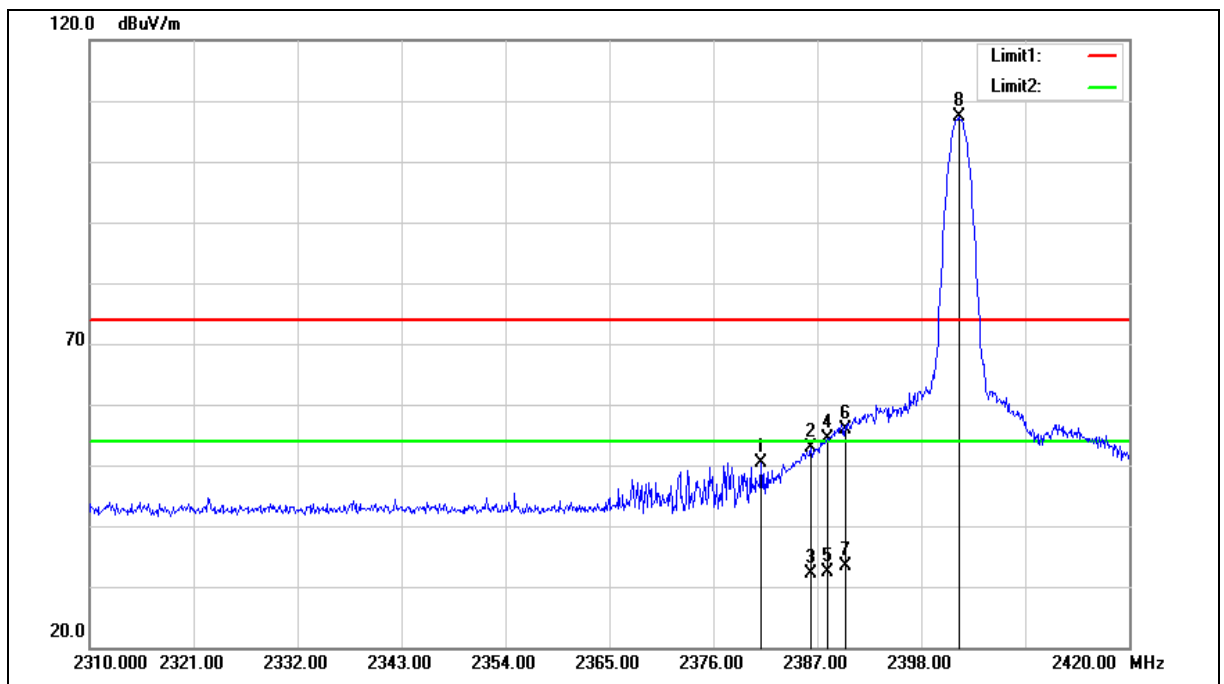
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.200	49.42	-3.28	46.14	74.00	-27.86	peak
2	2390.000	48.32	-3.28	45.04	74.00	-28.96	peak
3	2401.960	98.89	-3.23	95.66	--	--	peak

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:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		

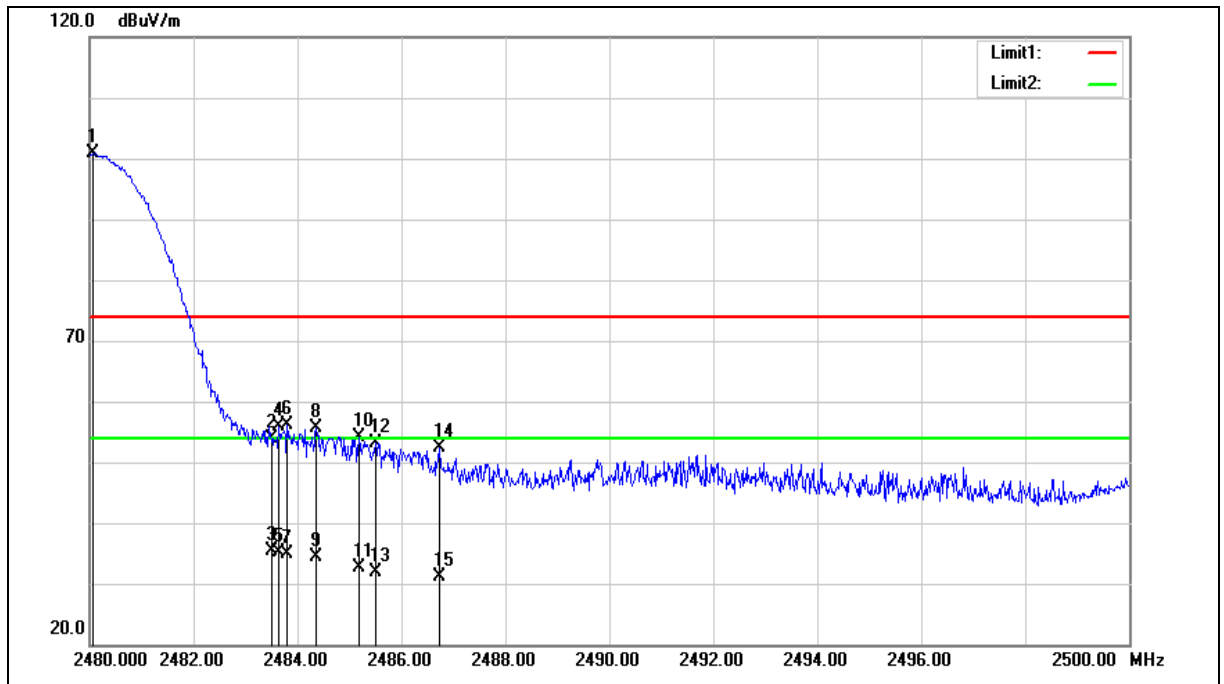
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2381.060	53.63	-3.32	50.31	74.00	-23.69	peak
2	2386.340	56.06	-3.29	52.77	74.00	-21.23	peak
3	2386.340	35.45	-3.29	32.16	54.00	-21.84	AVG
4	2388.100	57.69	-3.29	54.40	74.00	-19.60	peak
5	2388.100	35.61	-3.29	32.32	54.00	-21.68	AVG
6	2390.000	59.28	-3.28	56.00	74.00	-18.00	peak
7	2390.000	36.66	-3.28	33.38	54.00	-20.62	AVG
8	2402.070	110.65	-3.23	107.42	--	--	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 4		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

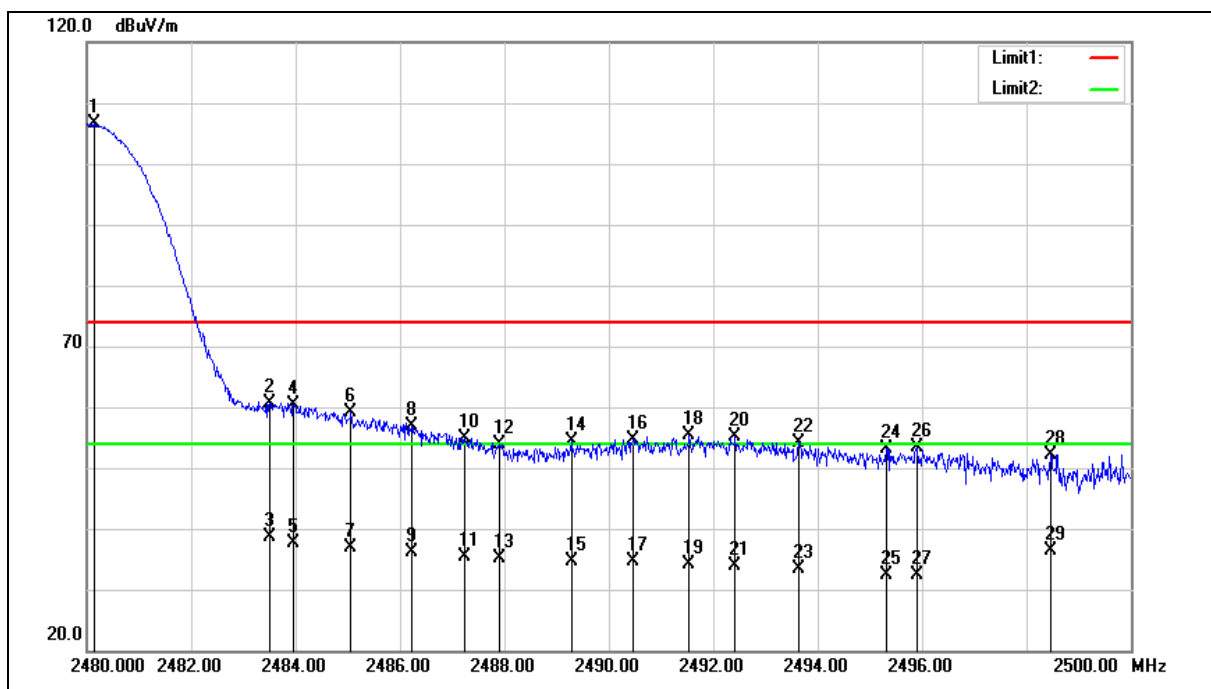
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.060	103.75	-2.94	100.81	--	--	peak
2	2483.500	56.74	-2.93	53.81	74.00	-20.19	peak
3	2483.500	38.31	-2.93	35.38	54.00	-18.62	AVG
4	2483.640	58.69	-2.93	55.76	74.00	-18.24	peak
5	2483.640	38.17	-2.93	35.24	54.00	-18.76	AVG
6	2483.800	59.04	-2.93	56.11	74.00	-17.89	peak
7	2483.800	37.72	-2.93	34.79	54.00	-19.21	AVG
8	2484.360	58.55	-2.93	55.62	74.00	-18.38	peak
9	2484.360	37.20	-2.93	34.27	54.00	-19.73	AVG
10	2485.180	56.97	-2.92	54.05	74.00	-19.95	peak
11	2485.180	35.48	-2.92	32.56	54.00	-21.44	AVG
12	2485.500	56.04	-2.92	53.12	74.00	-20.88	peak
13	2485.500	34.79	-2.92	31.87	54.00	-22.13	AVG
14	2486.740	55.42	-2.92	52.50	74.00	-21.50	peak
15	2486.740	34.15	-2.92	31.23	54.00	-22.77	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:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2480 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	2480.140	109.49	-2.94	106.55	--	--	peak
2	2483.500	63.59	-2.93	60.66	74.00	-13.34	peak
3	2483.500	41.55	-2.93	38.62	54.00	-15.38	AVG
4	2483.960	63.39	-2.93	60.46	74.00	-13.54	peak
5	2483.960	40.61	-2.93	37.68	54.00	-16.32	AVG
6	2485.060	61.97	-2.92	59.05	74.00	-14.95	peak
7	2485.060	39.86	-2.92	36.94	54.00	-17.06	AVG
8	2486.220	59.77	-2.92	56.85	74.00	-17.15	peak
9	2486.220	39.06	-2.92	36.14	54.00	-17.86	AVG
10	2487.240	57.83	-2.92	54.91	74.00	-19.09	peak
11	2487.240	38.31	-2.92	35.39	54.00	-18.61	AVG
12	2487.900	56.72	-2.92	53.80	74.00	-20.20	peak
13	2487.900	38.04	-2.92	35.12	54.00	-18.88	AVG
14	2489.280	57.37	-2.91	54.46	74.00	-19.54	peak
15	2489.280	37.58	-2.91	34.67	54.00	-19.33	AVG
16	2490.460	57.62	-2.91	54.71	74.00	-19.29	peak
17	2490.460	37.60	-2.91	34.69	54.00	-19.31	AVG
18	2491.540	58.21	-2.91	55.30	74.00	-18.70	peak
19	2491.540	36.97	-2.91	34.06	54.00	-19.94	AVG
20	2492.420	58.00	-2.90	55.10	74.00	-18.90	peak
21	2492.420	36.88	-2.90	33.98	54.00	-20.02	AVG
22	2493.640	57.01	-2.89	54.12	74.00	-19.88	peak
23	2493.640	36.21	-2.89	33.32	54.00	-20.68	AVG
24	2495.320	55.95	-2.88	53.07	74.00	-20.93	peak
25	2495.320	35.29	-2.88	32.41	54.00	-21.59	AVG
26	2495.900	56.22	-2.88	53.34	74.00	-20.66	peak
27	2495.900	35.14	-2.88	32.26	54.00	-21.74	AVG

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		

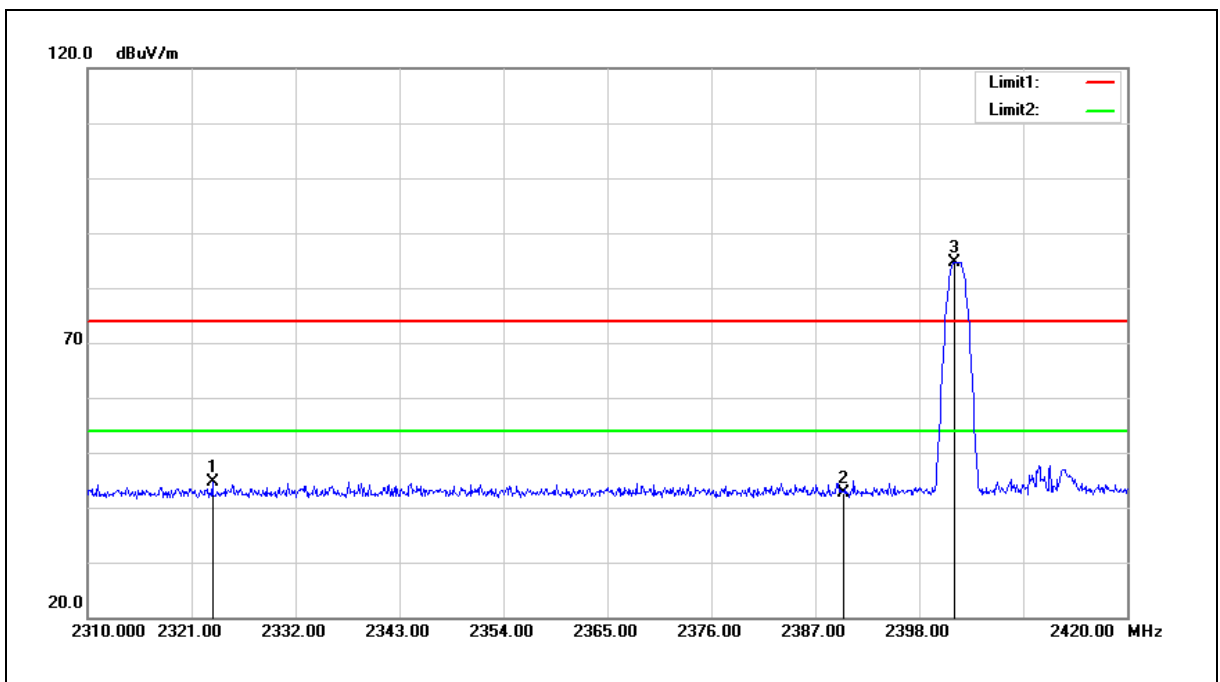
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
28	2498.460	55.01	-2.87	52.14	74.00	-21.86	peak
29	2498.460	39.15	-2.87	36.28	54.00	-17.72	AVG

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:	3 m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



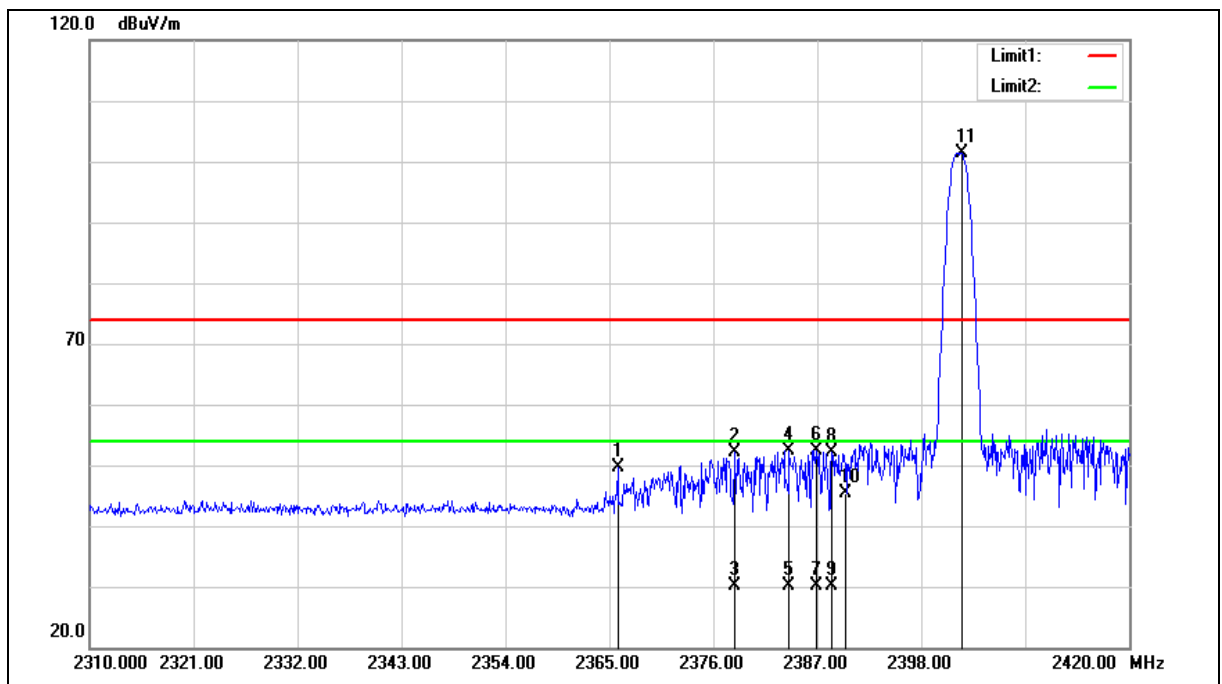
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2323.200	48.16	-3.52	44.64	74.00	-29.36	peak
2	2390.000	45.80	-3.28	42.52	74.00	-31.48	peak
3	2401.740	87.96	-3.23	84.73	--	--	peak

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 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2402 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

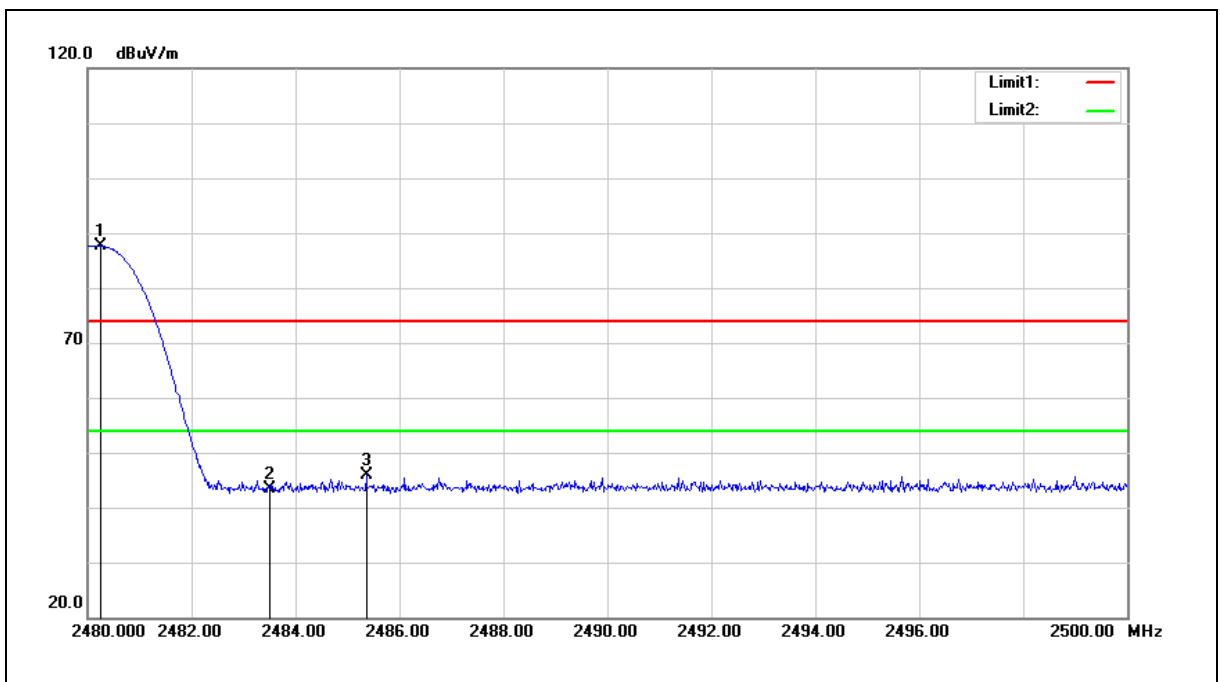
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2365.880	52.89	-3.37	49.52	74.00	-24.48	peak
2	2378.310	55.34	-3.33	52.01	74.00	-21.99	peak
3	2378.310	33.49	-3.33	30.16	54.00	-23.84	AVG
4	2384.030	55.75	-3.31	52.44	74.00	-21.56	peak
5	2384.030	33.38	-3.31	30.07	54.00	-23.93	AVG
6	2386.890	55.72	-3.29	52.43	74.00	-21.57	peak
7	2386.890	33.48	-3.29	30.19	54.00	-23.81	AVG
8	2388.540	55.34	-3.28	52.06	74.00	-21.94	peak
9	2388.540	33.40	-3.28	30.12	54.00	-23.88	AVG
10	2390.000	48.58	-3.28	45.30	74.00	-28.70	peak
11	2402.290	104.53	-3.23	101.30	--	--	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:	2480 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



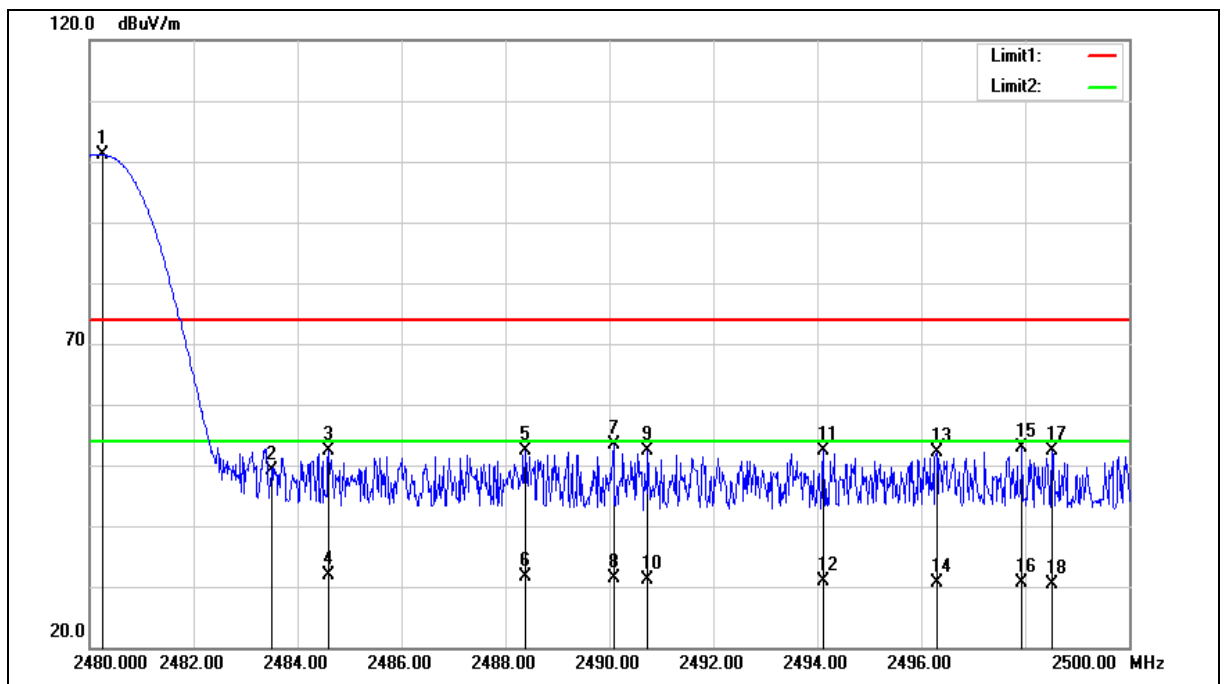
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.260	90.57	-2.94	87.63	--	--	peak
2	2483.500	46.43	-2.93	43.50	74.00	-30.50	peak
3	2485.360	48.73	-2.92	45.81	74.00	-28.19	peak

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 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

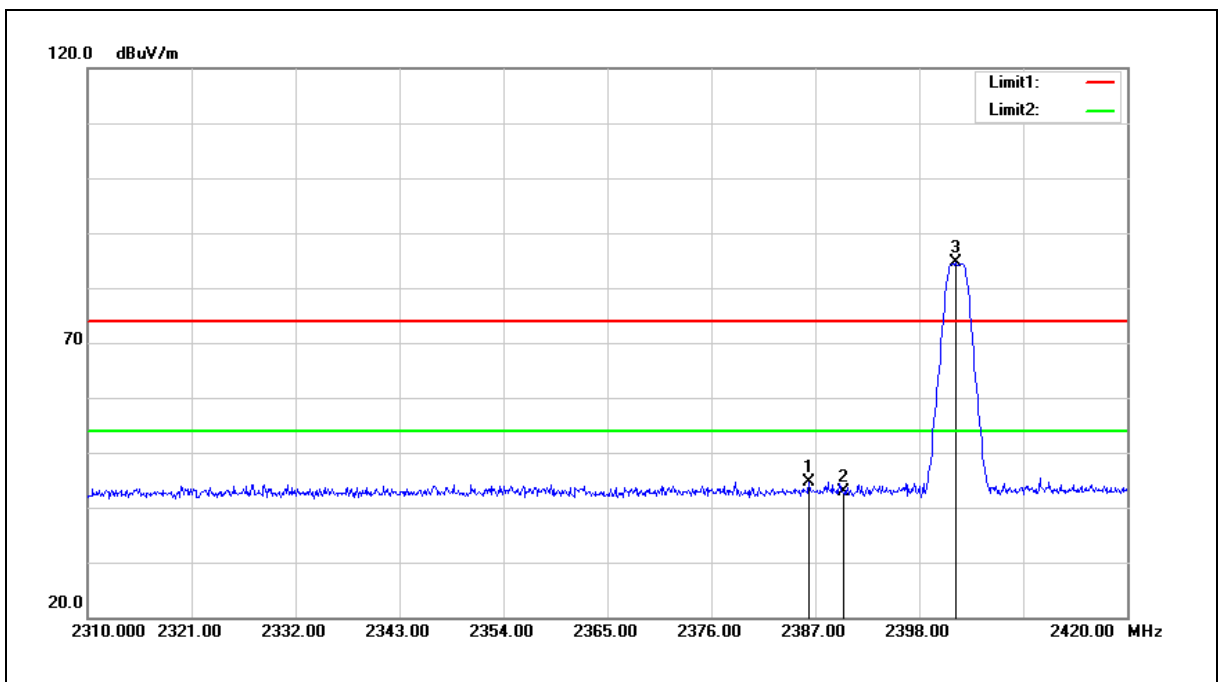
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.260	104.04	-2.94	101.10	--	--	peak
2	2483.500	52.17	-2.93	49.24	74.00	-24.76	peak
3	2484.600	55.30	-2.93	52.37	74.00	-21.63	peak
4	2484.600	34.84	-2.93	31.91	54.00	-22.09	AVG
5	2488.380	55.36	-2.91	52.45	74.00	-21.55	peak
6	2488.380	34.60	-2.91	31.69	54.00	-22.31	AVG
7	2490.080	56.21	-2.91	53.30	74.00	-20.70	peak
8	2490.080	34.27	-2.91	31.36	54.00	-22.64	AVG
9	2490.740	55.19	-2.91	52.28	74.00	-21.72	peak
10	2490.740	34.09	-2.91	31.18	54.00	-22.82	AVG
11	2494.120	55.15	-2.89	52.26	74.00	-21.74	peak
12	2494.120	33.86	-2.89	30.97	54.00	-23.03	AVG
13	2496.300	54.99	-2.88	52.11	74.00	-21.89	peak
14	2496.300	33.53	-2.88	30.65	54.00	-23.35	AVG
15	2497.940	55.72	-2.88	52.84	74.00	-21.16	peak
16	2497.940	33.39	-2.88	30.51	54.00	-23.49	AVG
17	2498.520	55.34	-2.87	52.47	74.00	-21.53	peak
18	2498.520	33.19	-2.87	30.32	54.00	-23.68	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:	2402 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



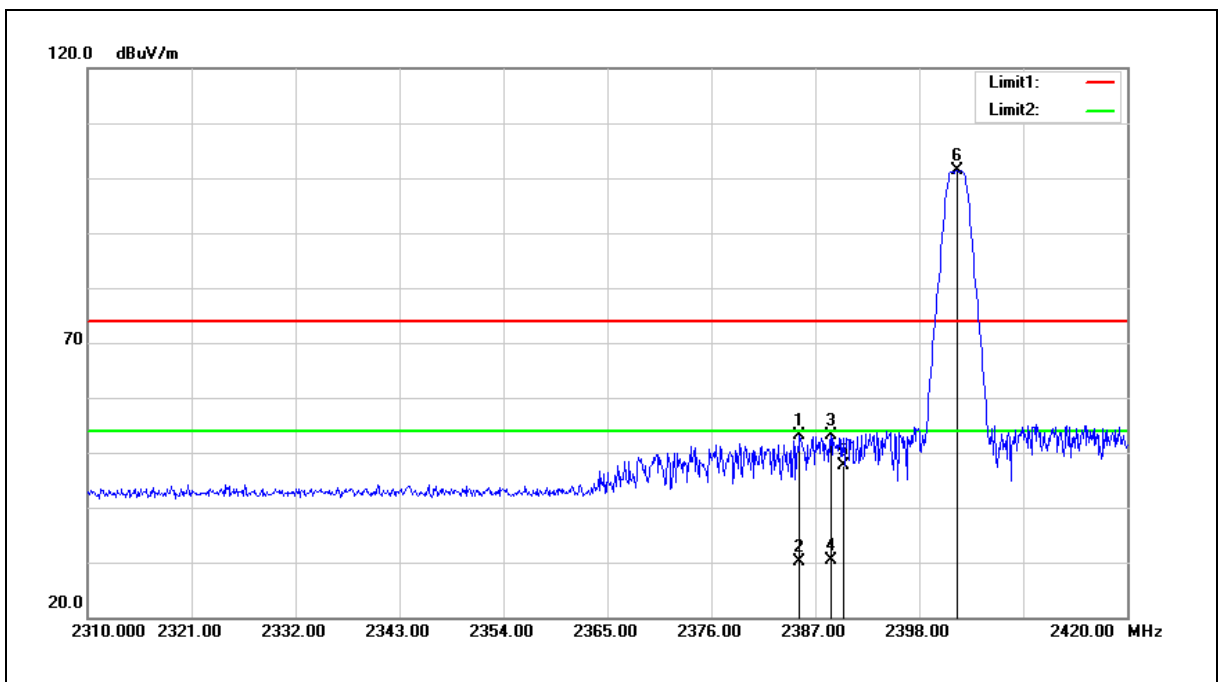
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.340	48.02	-3.29	44.73	74.00	-29.27	peak
2	2390.000	46.10	-3.28	42.82	74.00	-31.18	peak
3	2401.850	87.81	-3.23	84.58	--	--	peak

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 6		
Ant.Polar.:	Vertical		



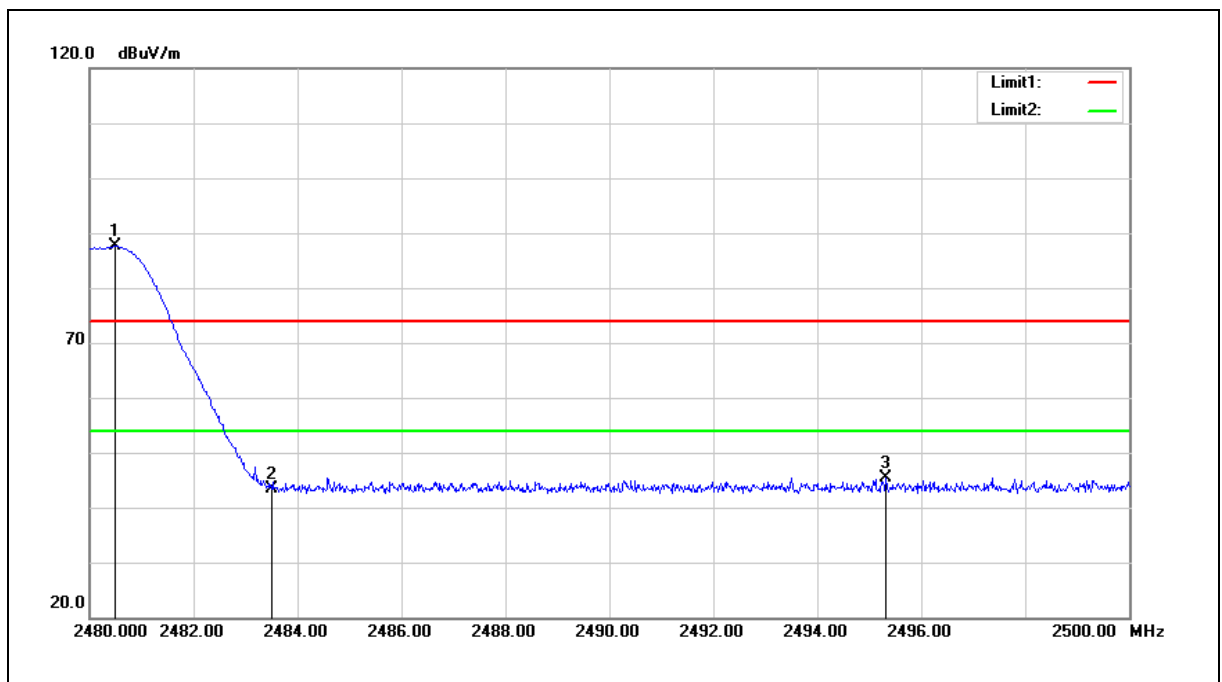
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.350	56.34	-3.29	53.05	74.00	-20.95	peak
2	2385.350	33.47	-3.29	30.18	54.00	-23.82	AVG
3	2388.650	56.30	-3.28	53.02	74.00	-20.98	peak
4	2388.650	33.57	-3.28	30.29	54.00	-23.71	AVG
5	2390.000	51.03	-3.28	47.75	74.00	-26.25	peak
6	2401.960	104.72	-3.23	101.49	--	--	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 6		
Ant.Polar.:	Horizontal		



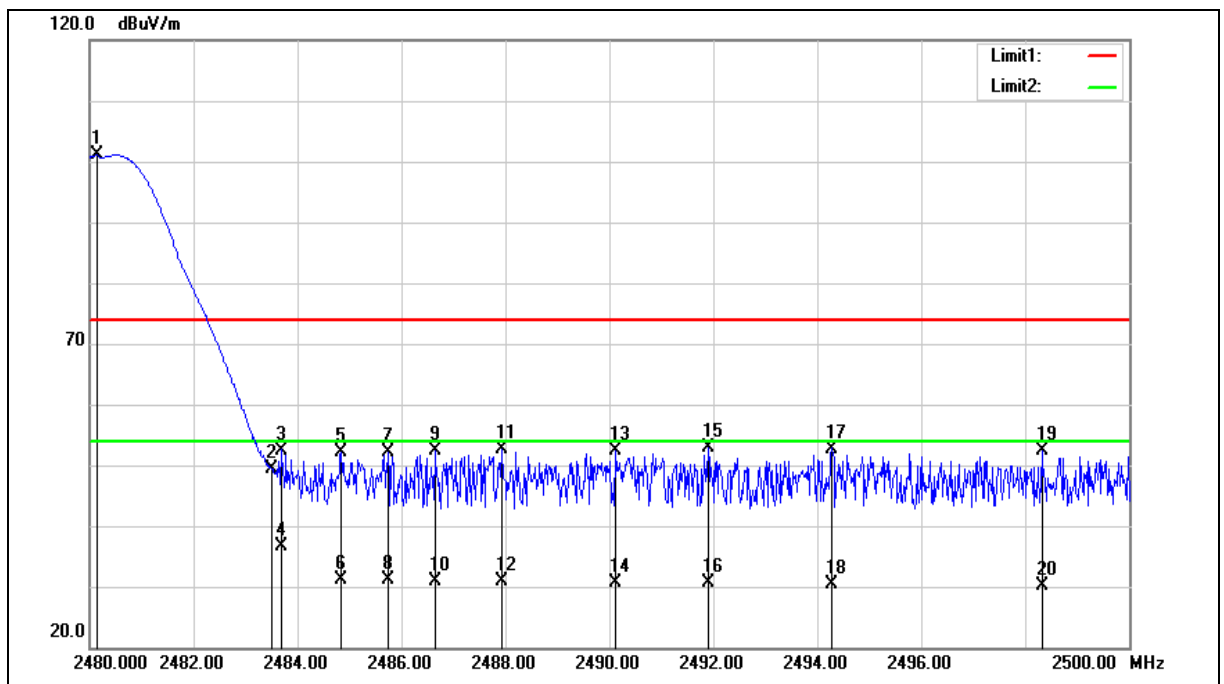
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.500	90.49	-2.94	87.55	--	--	peak
2	2483.500	46.42	-2.93	43.49	74.00	-30.51	peak
3	2495.320	48.29	-2.88	45.41	74.00	-28.59	peak

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 6		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2480 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2480.140	104.16	-2.94	101.22	--	--	peak
2	2483.500	52.21	-2.93	49.28	74.00	-24.72	peak
3	2483.680	55.43	-2.93	52.50	74.00	-21.50	peak
4	2483.680	39.61	-2.93	36.68	54.00	-17.32	AVG
5	2484.840	55.10	-2.93	52.17	74.00	-21.83	peak
6	2484.840	34.13	-2.93	31.20	54.00	-22.80	AVG
7	2485.740	55.15	-2.92	52.23	74.00	-21.77	peak
8	2485.740	34.00	-2.92	31.08	54.00	-22.92	AVG
9	2486.640	55.20	-2.92	52.28	74.00	-21.72	peak
10	2486.640	33.89	-2.92	30.97	54.00	-23.03	AVG
11	2487.920	55.56	-2.92	52.64	74.00	-21.36	peak
12	2487.920	33.74	-2.92	30.82	54.00	-23.18	AVG
13	2490.120	55.30	-2.91	52.39	74.00	-21.61	peak
14	2490.120	33.65	-2.91	30.74	54.00	-23.26	AVG
15	2491.900	55.69	-2.90	52.79	74.00	-21.21	peak
16	2491.900	33.42	-2.90	30.52	54.00	-23.48	AVG
17	2494.280	55.64	-2.89	52.75	74.00	-21.25	peak
18	2494.280	33.37	-2.89	30.48	54.00	-23.52	AVG
19	2498.320	55.16	-2.88	52.28	74.00	-21.72	peak
20	2498.320	33.13	-2.88	30.25	54.00	-23.75	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

右耳(Right) Ant-0

輸出峰值功率之量測

操作模式 : Mode 2: BR,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	DH1	9.69	0.00931	9.81	0.00957	≤0.125
	DH3	9.71	0.00935	9.83	0.00962	≤0.125
	DH5	9.73	0.00940	9.85	0.00966	≤0.125
中頻道	DH1	9.44	0.00879	9.57	0.00906	≤0.125
	DH3	9.46	0.00883	9.59	0.00910	≤0.125
	DH5	9.48	0.00887	9.61	0.00914	≤0.125
高頻道	DH1	9.31	0.00853	9.45	0.00881	≤0.125
	DH3	9.33	0.00857	9.47	0.00885	≤0.125
	DH5	9.35	0.00861	9.48	0.00887	≤0.125

操作模式 : Mode 3: EDR, $\pi/4$ -DQPSK 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	2DH1	7.79	0.00601	8.62	0.00728	≤0.125
	2DH3	7.81	0.00604	8.64	0.00731	≤0.125
	2DH5	7.83	0.00607	8.66	0.00735	≤0.125
中頻道	2DH1	7.57	0.00571	8.39	0.00690	≤0.125
	2DH3	7.59	0.00574	8.41	0.00693	≤0.125
	2DH5	7.61	0.00577	8.43	0.00697	≤0.125
高頻道	2DH1	7.38	0.00547	8.22	0.00664	≤0.125
	2DH3	7.41	0.00551	8.25	0.00668	≤0.125
	2DH5	7.43	0.00553	8.27	0.00671	≤0.125

操作模式 : Mode 4:EDR, 8DPSK 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	3DH1	7.81	0.00604	8.97	0.00789	≤0.125
	3DH3	7.83	0.00607	8.99	0.00793	≤0.125
	3DH5	7.85	0.00610	9.01	0.00796	≤0.125
中頻道	3DH1	7.57	0.00571	8.70	0.00741	≤0.125
	3DH3	7.59	0.00574	8.72	0.00745	≤0.125
	3DH5	7.61	0.00577	8.74	0.00748	≤0.125
高頻道	3DH1	7.38	0.00547	8.57	0.00719	≤0.125
	3DH3	7.41	0.00551	8.59	0.00723	≤0.125
	3DH5	7.43	0.00553	8.61	0.00726	≤0.125

操作模式 : Mode 5: 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	2.00	0.00158	2.25	0.00168	≤ 1
中頻道	1.79	0.00151	2.00	0.00158	≤ 1
高頻道	1.58	0.00144	1.82	0.00152	≤ 1

操作模式 : Mode 6: 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	1.99	0.00158	2.22	0.00167	≤ 1
中頻道	1.80	0.00151	2.06	0.00161	≤ 1
高頻道	1.59	0.00144	1.82	0.00152	≤ 1

右耳(Right) Ant-1

輸出峰值功率之量測

操作模式 : Mode 2: BR,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	DH1	9.97	0.00993	10.08	0.01019	≤0.125
	DH3	9.99	0.00998	10.10	0.01023	≤0.125
	DH5	10.01	0.01002	10.13	0.01030	≤0.125
中頻道	DH1	9.84	0.00964	9.97	0.00993	≤0.125
	DH3	9.86	0.00968	9.99	0.00998	≤0.125
	DH5	9.88	0.00973	10.01	0.01002	≤0.125
高頻道	DH1	9.56	0.00904	9.69	0.00931	≤0.125
	DH3	9.58	0.00908	9.71	0.00935	≤0.125
	DH5	9.60	0.00912	9.73	0.00940	≤0.125

操作模式 : Mode 3: EDR, π/4-QPSK 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	2DH1	8.08	0.00643	8.92	0.00780	≤0.125
	2DH3	8.11	0.00647	8.94	0.00783	≤0.125
	2DH5	8.13	0.00650	8.96	0.00787	≤0.125
中頻道	2DH1	7.98	0.00628	8.78	0.00755	≤0.125
	2DH3	8.00	0.00631	8.80	0.00759	≤0.125
	2DH5	8.02	0.00634	8.82	0.00762	≤0.125
高頻道	2DH1	7.67	0.00585	8.50	0.00708	≤0.125
	2DH3	7.69	0.00587	8.52	0.00711	≤0.125
	2DH5	7.71	0.00590	8.54	0.00714	≤0.125

操作模式 : Mode 4:EDR, 8DPSK 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	3DH1	8.10	0.00646	9.25	0.00841	≤0.125
	3DH3	8.12	0.00649	9.27	0.00845	≤0.125
	3DH5	8.14	0.00652	9.29	0.00849	≤0.125
中頻道	3DH1	7.99	0.00630	9.10	0.00813	≤0.125
	3DH3	8.01	0.00632	9.12	0.00817	≤0.125
	3DH5	8.03	0.00635	9.14	0.00820	≤0.125
高頻道	3DH1	7.69	0.00587	8.84	0.00766	≤0.125
	3DH3	7.71	0.00590	8.86	0.00769	≤0.125
	3DH5	7.73	0.00593	8.88	0.00773	≤0.125

操作模式 : Mode 5: 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	2.27	0.00169	2.48	0.00177	≤ 1
中頻道	2.21	0.00166	2.41	0.00174	≤ 1
高頻道	1.88	0.00154	2.10	0.00162	≤ 1

操作模式 : Mode 6: 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	2.29	0.00169	2.52	0.00179	≤ 1
中頻道	2.22	0.00167	2.43	0.00175	≤ 1
高頻道	1.89	0.00155	2.13	0.00163	≤ 1

Out of Band Conducted Spurious Emission

Mode 2: BR, GFSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 4: EDR, 8DPSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 5: LE, GFSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 6: 2LE, GFSK Continuous TX Mode

低頻道



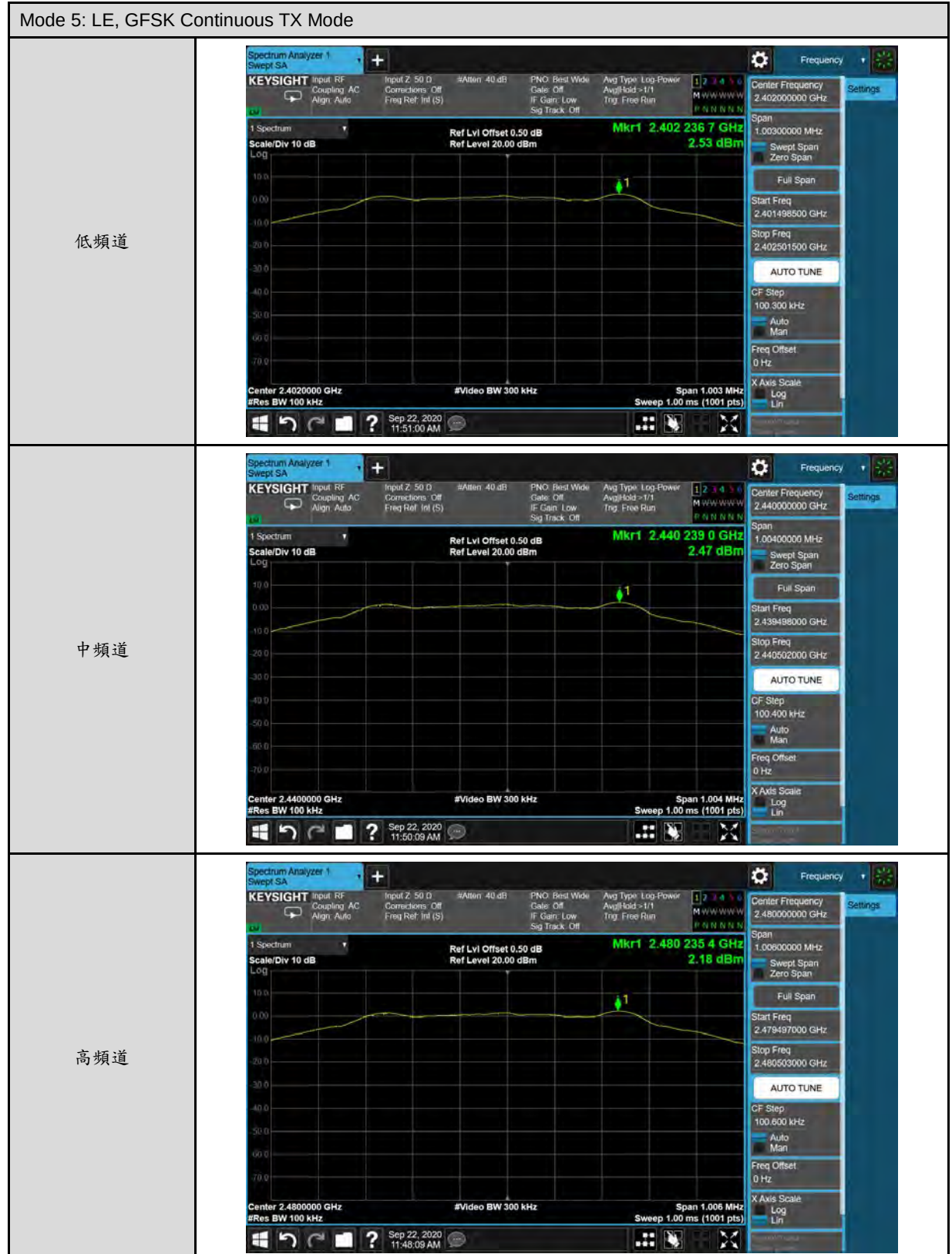
中頻道



高頻道



Reference level



Mode 6: 2LE, GFSK Continuous TX Mode

低頻道



中頻道



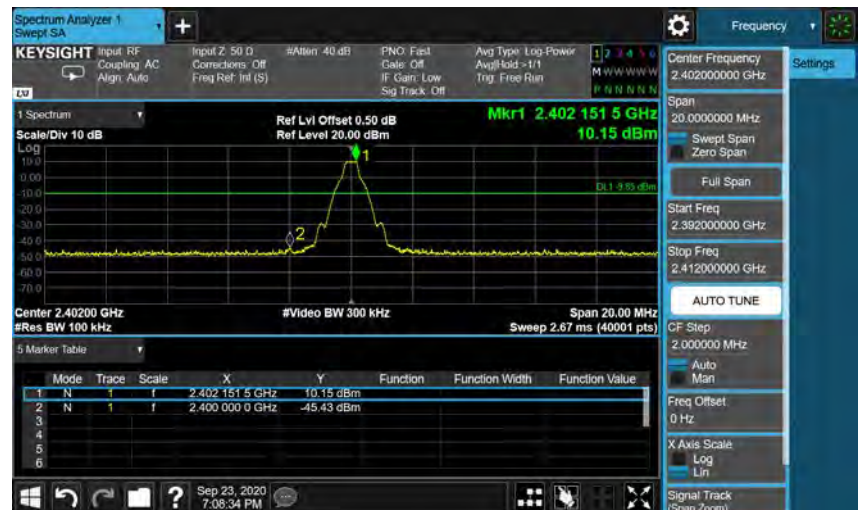
高頻道



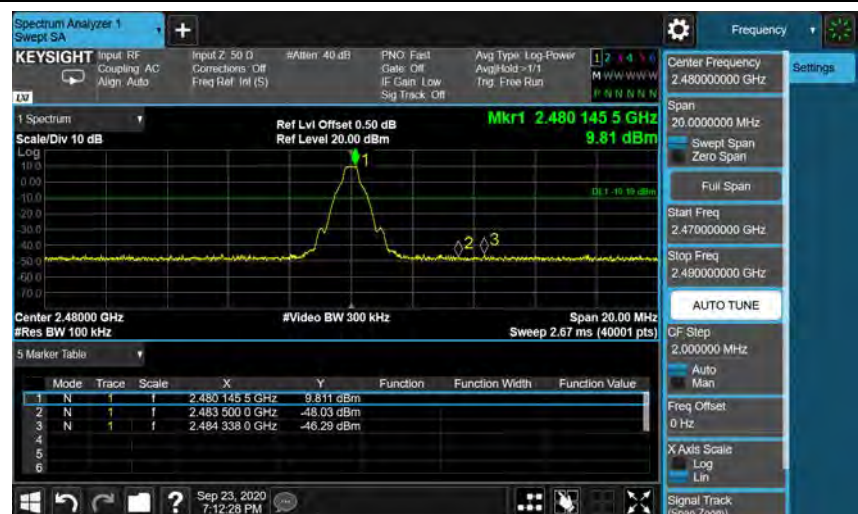
Conducted Band Edge

Mode 2: BR, GFSK Continuous TX Mode_Un-hopping

低頻道

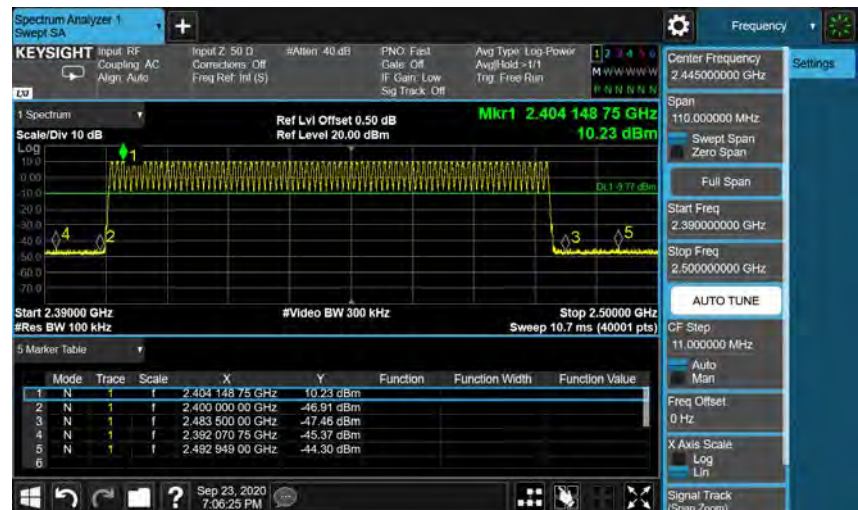


高頻道



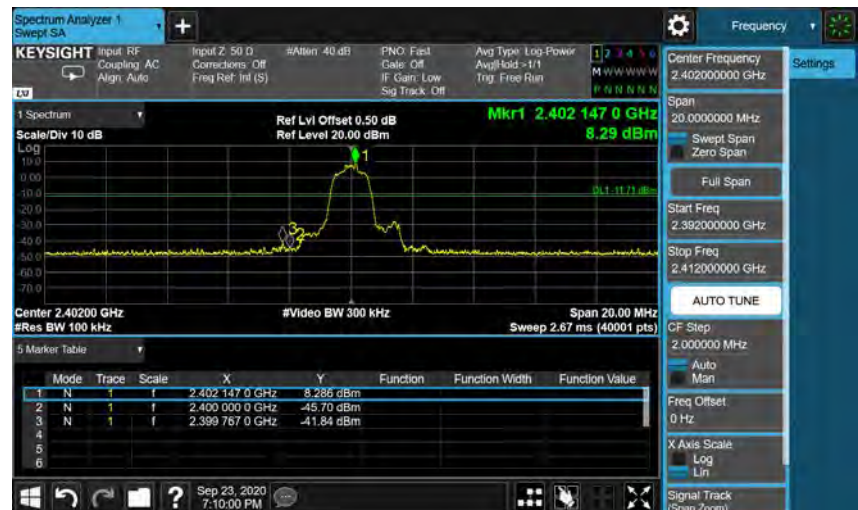
Mode 2: BR, GFSK Continuous TX Mode_Hopping

低頻道-高頻道

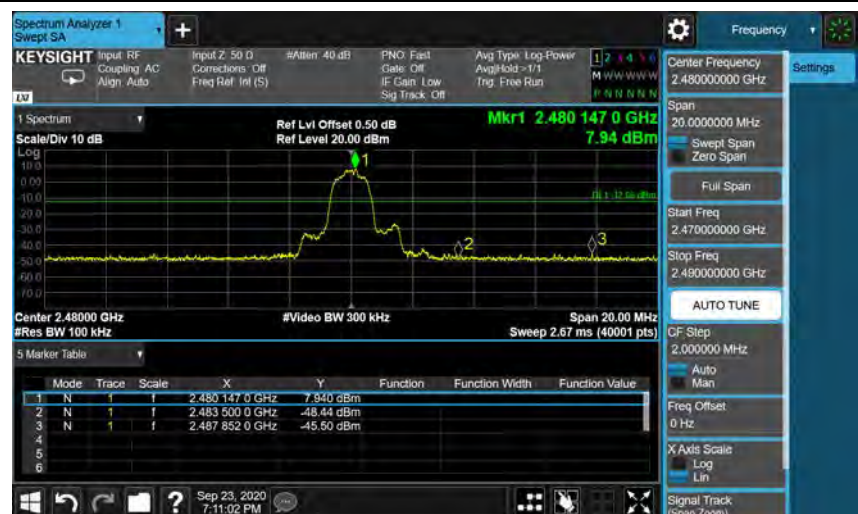


Mode 4: EDR, 8DPSK Continuous TX Mode_Un-hopping

低頻道

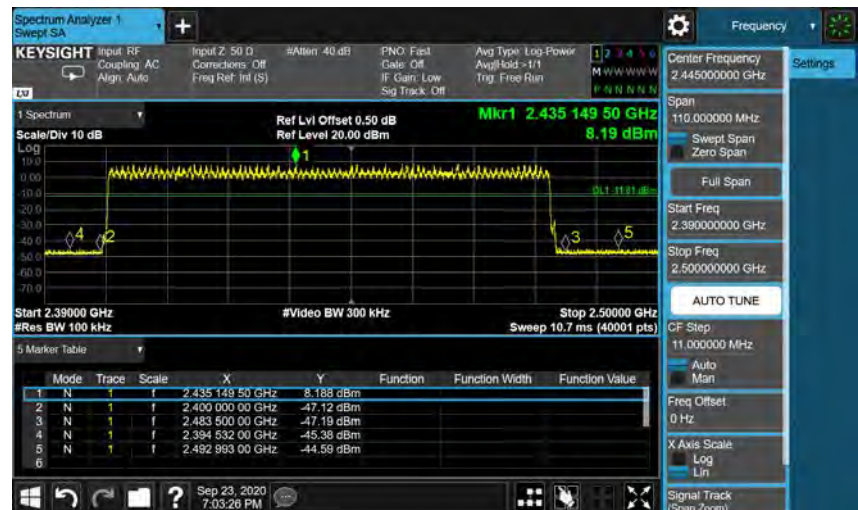


高頻道



Mode 4: EDR, 8DPSK Continuous TX Mode_Hopping

低頻道-高頻道

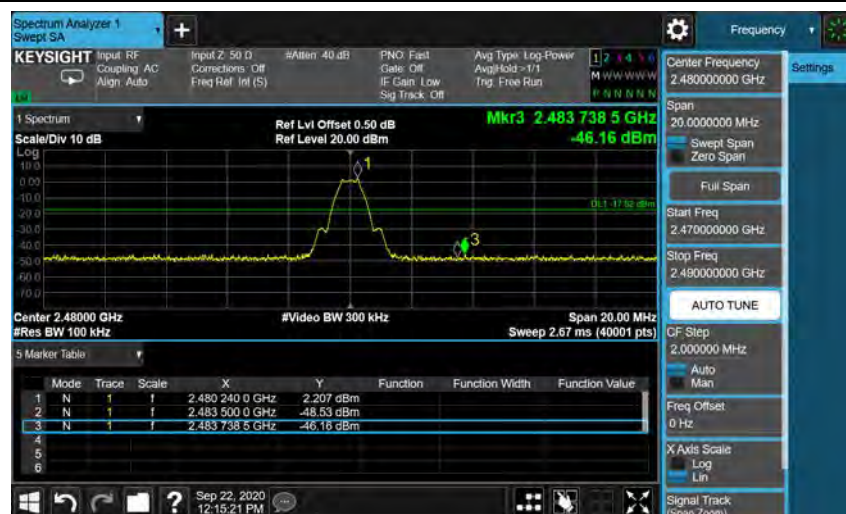


Mode 5: LE, GFSK Continuous TX Mode

低頻道

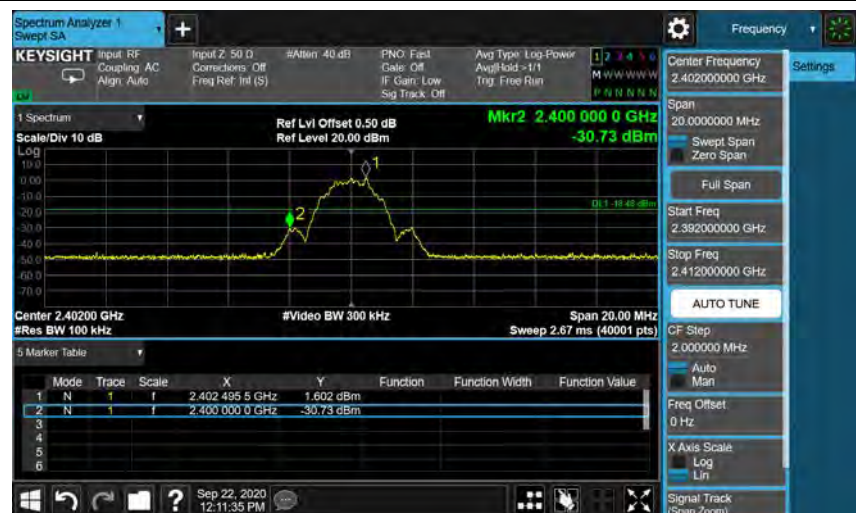


高頻道

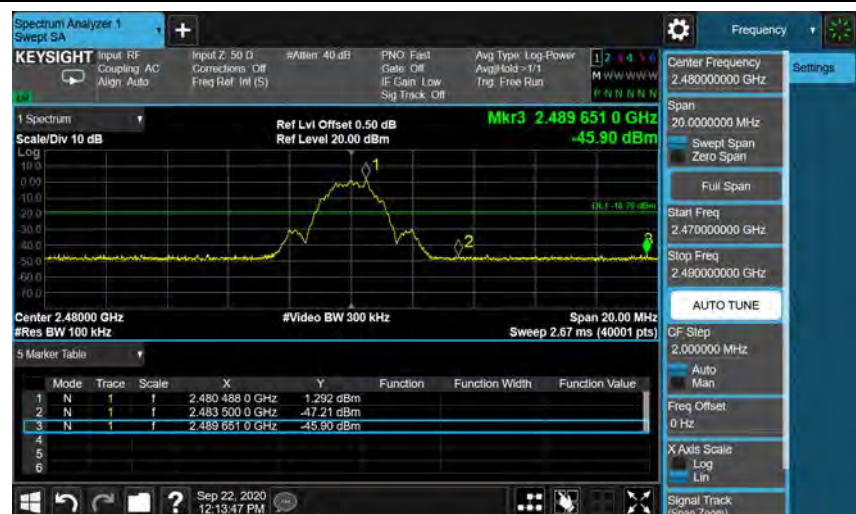


Mode 6: 2LE, GFSK Continuous TX Mode

低頻道



高頻道



頻率範圍及頻道數之要求





發射頻寬之要求

操作模式 : Mode 2: BR, GFSK Continuous TX Mode Mode 4: EDR, 8DPSK Continuous TX Mode				
操作模式	頻道	發射頻寬(20 dB)		
		量測值 (MHz)	2/3 量測值 (MHz)	限制值 (MHz)
Mode 2	低頻道	0.959	0.639	-----
	中頻道	0.958	0.638	-----
	高頻道	0.956	0.638	-----
Mode 4	低頻道	1.289	0.859	-----
	中頻道	1.290	0.860	-----
	高頻道	1.290	0.860	-----
註: 發射頻寬(20 dB) 之 2/3 量測值 = 量測值 x 2 / 3				
測試掃描圖請參考下頁。				

操作模式 : Mode 5: LE, GFSK Continuous TX Mode Mode 6: 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 5	低頻道	668.200	≥ 500
	中頻道	669.000	≥ 500
	高頻道	670.100	≥ 500
Mode 6	低頻道	1196.000	≥ 500
	中頻道	1236.000	≥ 500
	高頻道	1242.000	≥ 500
測試掃描圖請參考下頁。			

Mode 2: BR, GFSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 4: EDR,8DPSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 5: LE, GFSK Continuous TX Mode

低頻道

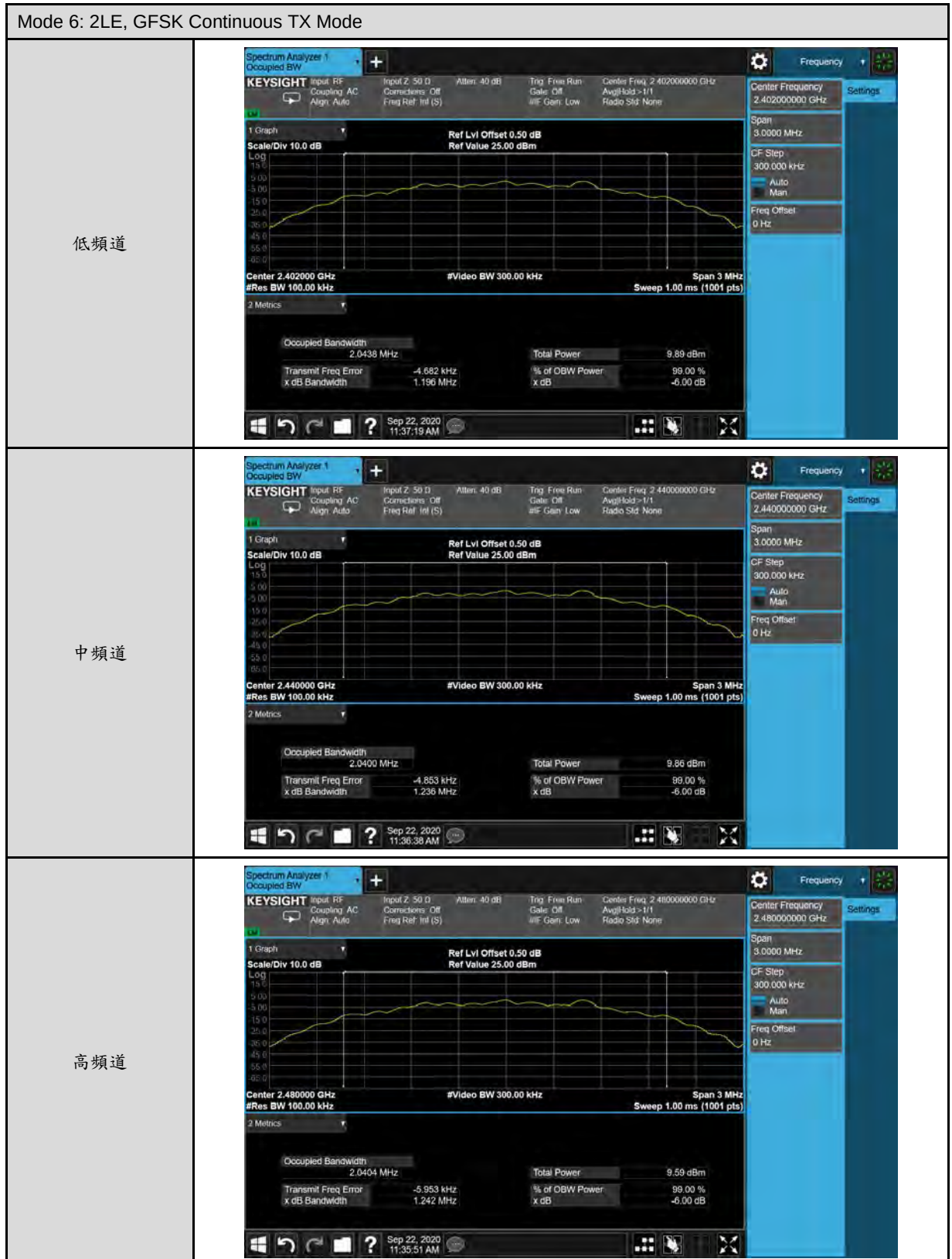


中頻道



高頻道





跳頻系統之載波頻率頻道間隔之量測

操作模式 : Mode 2: BR, GFSK Continuous TX Mode Mode 4: EDR, 8DPSK Continuous TX Mode			
操作模式	頻道	相鄰頻道載波間隔	
		量測值 (MHz)	限制值 (MHz)
Mode 2	低頻道	1.000	≥ 0.639
	中頻道	1.000	≥ 0.638
	高頻道	1.000	≥ 0.638
Mode 4	低頻道	1.000	≥ 0.859
	中頻道	1.000	≥ 0.860
	高頻道	1.000	≥ 0.860

Mode 2: BR, GFSK Continuous TX Mode

低頻道



中頻道



高頻道

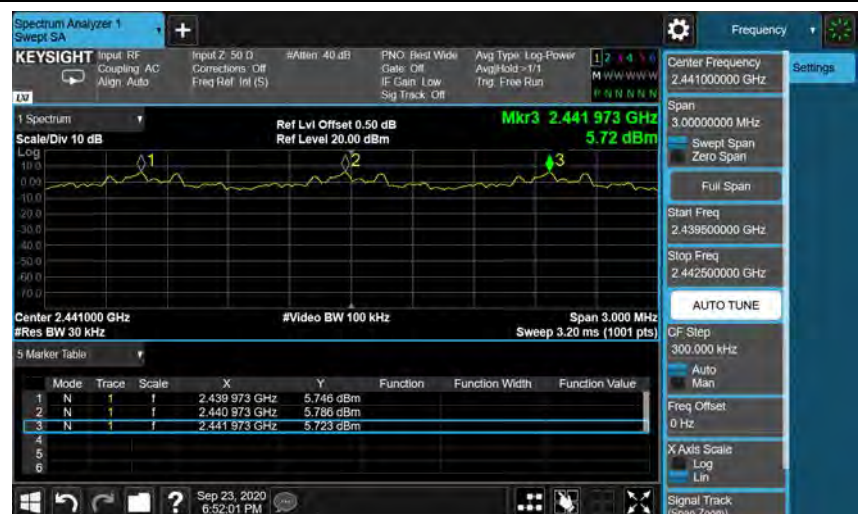


Mode 4: EDR, 8DPSK Continuous TX Mode

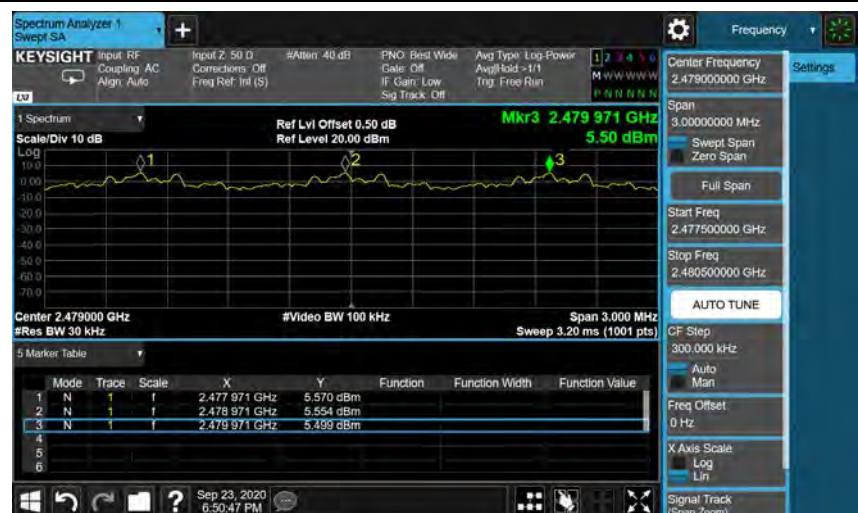
低頻道



中頻道



高頻道



跳頻系統之任一頻率佔用之平均時間之量測

Mode 2: BR, GFSK Continuous TX Mode	
DH1 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$800/79\text{CH} = 10.13$ (次/秒)
頻道每次佔用之時間(1)	0.410 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 10.13 = 320.108$ (次)
週期內佔用的平均時間(1) * (2)	131.244 ms (秒)
LIMIT(msec)	≤ 400
DH3 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$400/79\text{CH} = 5.06$ (次/秒)
頻道每次佔用之時間(1)	1.650 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 5.06 = 159.896$ (次)
週期內佔用的平均時間(1) * (2)	263.828 ms (秒)
LIMIT(msec)	≤ 400
DH5 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$266.7/79\text{CH} = 3.38$ (次/秒)
頻道每次佔用之時間(1)	2.900 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 3.38 = 106.808$ (次)
週期內佔用的平均時間(1) * (2)	309.743 ms (秒)
LIMIT(msec)	≤ 400

附註: RB=1 MHz ; VB=1 MHz ; SPAN=0 MHz ; Sweep Time=10 msec

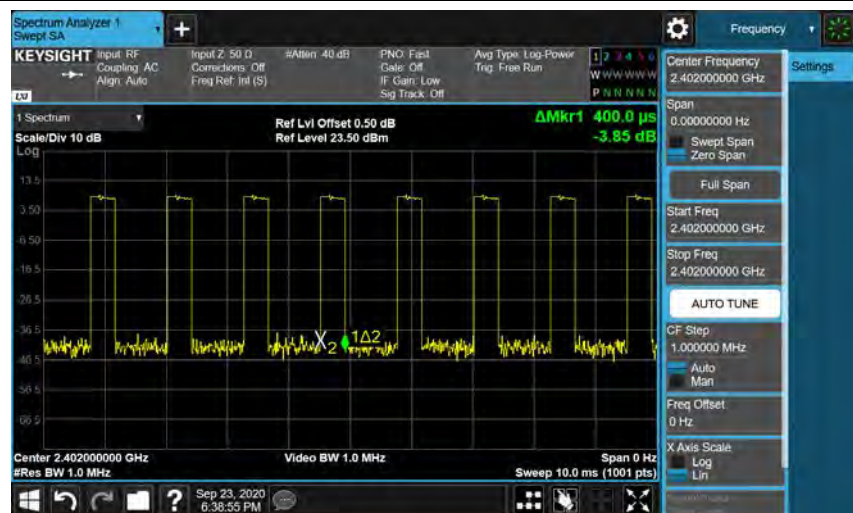


Mode 4: EDR, 8DPSK Continuous TX Mode	
3DH1 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$800/79\text{CH} = 10.13$ (次/秒)
頻道每次佔用之時間(1)	0.400 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 10.13 = 320.108$ (次)
週期內佔用的平均時間(1) * (2)	128.043 ms (秒)
LIMIT(msec)	≤ 400
3DH3 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$400/79\text{CH} = 5.06$ (次/秒)
頻道每次佔用之時間(1)	1.650 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 5.06 = 159.896$ (次)
週期內佔用的平均時間(1) * (2)	263.828 ms (秒)
LIMIT(msec)	≤ 400
3DH5 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$266.7/79\text{CH} = 3.38$ (次/秒)
頻道每次佔用之時間(1)	2.900 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 3.38 = 106.808$ (次)
週期內佔用的平均時間(1) * (2)	309.743 ms (秒)
LIMIT(msec)	≤ 400

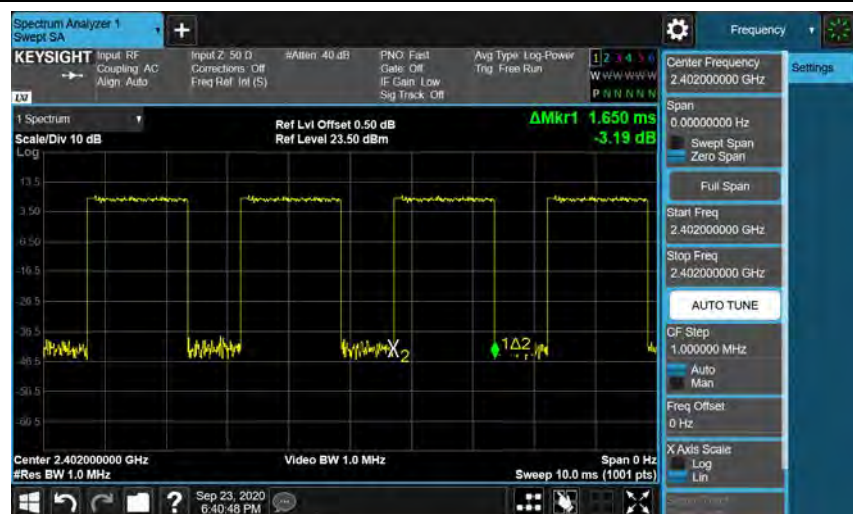
附註: RB=1 MHz ; VB=1 MHz ; SPAN=0 MHz ; Sweep Time=10 msec

Mode 4: EDR, 8DPSK Continuous TX Mode

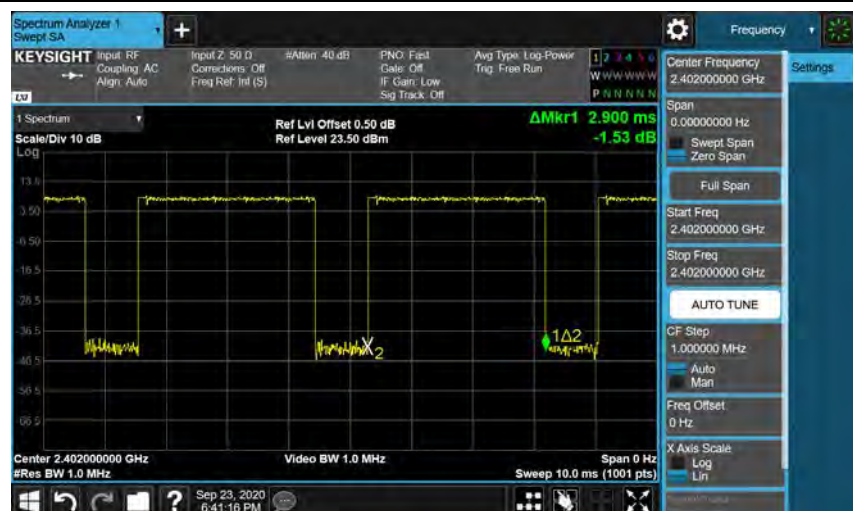
3DH1



3DH3



3DH5

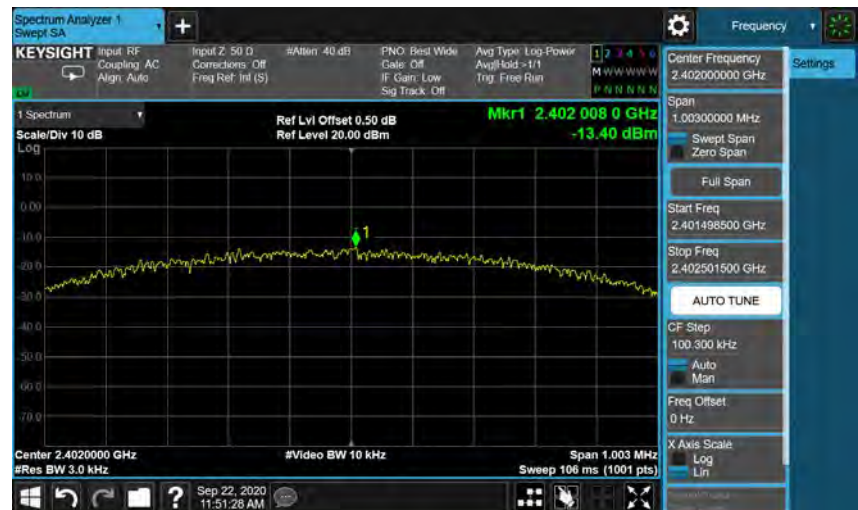


功率密度之要求

操作模式 : Mode 5: LE, GFSK Continuous TX Mode Mode 6: 2LE, GFSK Continuous TX Mode			
操作模式	頻道	量測值 (dBm/3 kHz)	限制值 (dBm/3 kHz)
Mode 5	低頻道	-13.400	≤ 8
	中頻道	-13.450	≤ 8
	高頻道	-13.750	≤ 8
Mode 6	低頻道	-16.580	≤ 8
	中頻道	-16.660	≤ 8
	高頻道	-16.900	≤ 8

Mode 5: LE, GFSK Continuous TX Mode

低頻道

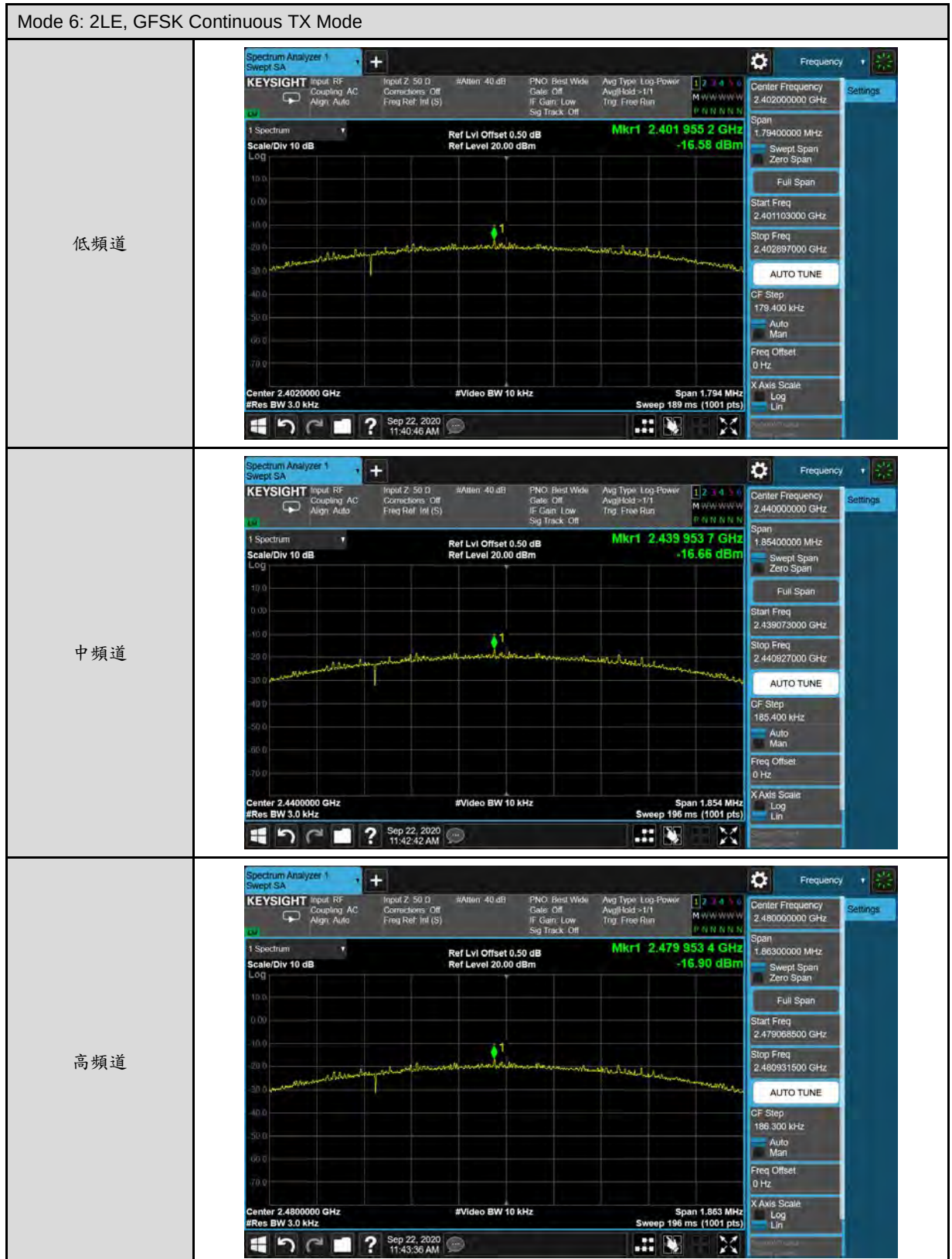


中頻道



高頻道





左耳(Left) Ant-0

輸出峰值功率之量測

操作模式 : Mode 2: BR,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	DH1	10.23	0.01054	10.36	0.01086	≤0.125
	DH3	10.26	0.01062	10.38	0.01091	≤0.125
	DH5	10.29	0.01069	10.40	0.01096	≤0.125
中頻道	DH1	10.03	0.01007	10.15	0.01035	≤0.125
	DH3	10.06	0.01014	10.17	0.01040	≤0.125
	DH5	10.08	0.01019	10.19	0.01045	≤0.125
高頻道	DH1	9.68	0.00929	9.81	0.00957	≤0.125
	DH3	9.70	0.00933	9.83	0.00962	≤0.125
	DH5	9.72	0.00938	9.85	0.00966	≤0.125

操作模式 : Mode 3: EDR, π/4-QPSK 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	2DH1	8.37	0.00687	9.22	0.00836	≤0.125
	2DH3	8.39	0.00690	9.24	0.00839	≤0.125
	2DH5	8.41	0.00693	9.26	0.00843	≤0.125
中頻道	2DH1	8.19	0.00659	9.03	0.00800	≤0.125
	2DH3	8.21	0.00662	9.05	0.00804	≤0.125
	2DH5	8.23	0.00665	9.07	0.00807	≤0.125
高頻道	2DH1	7.79	0.00601	8.95	0.00785	≤0.125
	2DH3	7.81	0.00604	8.98	0.00791	≤0.125
	2DH5	7.83	0.00607	9.01	0.00796	≤0.125

操作模式 : Mode 4:EDR, 8DPSK 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	3DH1	8.38	0.00689	9.51	0.00893	≤0.125
	3DH3	8.40	0.00692	9.53	0.00897	≤0.125
	3DH5	8.42	0.00695	9.56	0.00904	≤0.125
中頻道	3DH1	8.20	0.00661	9.33	0.00857	≤0.125
	3DH3	8.22	0.00664	9.35	0.00861	≤0.125
	3DH5	8.24	0.00667	9.37	0.00865	≤0.125
高頻道	3DH1	7.80	0.00603	8.97	0.00789	≤0.125
	3DH3	7.82	0.00605	8.99	0.00793	≤0.125
	3DH5	7.84	0.00608	9.01	0.00796	≤0.125

操作模式 : Mode 5: 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	2.59	0.00182	2.80	0.00191	≤ 1
中頻道	2.42	0.00175	2.65	0.00184	≤ 1
高頻道	2.06	0.00161	2.30	0.00170	≤ 1

操作模式 : Mode 6: 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	2.60	0.00182	2.82	0.00191	≤ 1
中頻道	2.43	0.00175	2.65	0.00184	≤ 1
高頻道	2.07	0.00161	2.33	0.00171	≤ 1

左耳(Left) Ant-1

輸出峰值功率之量測

操作模式 : Mode 2: BR,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	DH1	10.31	0.01074	10.42	0.01102	≤0.125
	DH3	10.33	0.01079	10.44	0.01107	≤0.125
	DH5	10.35	0.01084	10.46	0.01112	≤0.125
中頻道	DH1	10.08	0.01019	10.18	0.01042	≤0.125
	DH3	10.10	0.01023	10.20	0.01047	≤0.125
	DH5	10.12	0.01028	10.22	0.01052	≤0.125
高頻道	DH1	9.70	0.00933	9.81	0.00957	≤0.125
	DH3	9.72	0.00938	9.83	0.00962	≤0.125
	DH5	9.74	0.00942	9.86	0.00968	≤0.125

操作模式 : Mode 3: EDR, π/4-QPSK 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	2DH1	8.40	0.00692	9.55	0.00902	≤0.125
	2DH3	8.42	0.00695	9.57	0.00906	≤0.125
	2DH5	8.44	0.00698	9.59	0.00910	≤0.125
中頻道	2DH1	8.21	0.00662	9.31	0.00853	≤0.125
	2DH3	8.23	0.00665	9.33	0.00857	≤0.125
	2DH5	8.25	0.00668	9.35	0.00861	≤0.125
高頻道	2DH1	7.80	0.00603	8.98	0.00791	≤0.125
	2DH3	7.82	0.00605	9.00	0.00794	≤0.125
	2DH5	7.84	0.00608	9.02	0.00798	≤0.125

操作模式 : Mode 4:EDR, 8DPSK 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	3DH1	8.41	0.00693	9.56	0.00904	≤0.125
	3DH3	8.43	0.00697	9.58	0.00908	≤0.125
	3DH5	8.45	0.00700	9.60	0.00912	≤0.125
中頻道	3DH1	8.22	0.00664	9.34	0.00859	≤0.125
	3DH3	8.24	0.00667	9.36	0.00863	≤0.125
	3DH5	8.26	0.00670	9.38	0.00867	≤0.125
高頻道	3DH1	7.81	0.00604	9.00	0.00794	≤0.125
	3DH3	7.83	0.00607	9.02	0.00798	≤0.125
	3DH5	7.85	0.00610	9.03	0.00800	≤0.125

操作模式 : Mode 5: 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	2.63	0.00183	2.84	0.00192	≤ 1
中頻道	2.45	0.00176	2.62	0.00183	≤ 1
高頻道	2.07	0.00161	2.29	0.00169	≤ 1

操作模式 : Mode 6: 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	2.64	0.00184	2.86	0.00193	≤ 1
中頻道	2.44	0.00175	2.64	0.00184	≤ 1
高頻道	2.08	0.00161	2.30	0.00170	≤ 1

Out of Band Conducted Spurious Emission

Mode 2: BR, GFSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 4: EDR, 8DPSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 5: LE, GFSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 6: 2LE, GFSK Continuous TX Mode

低頻道



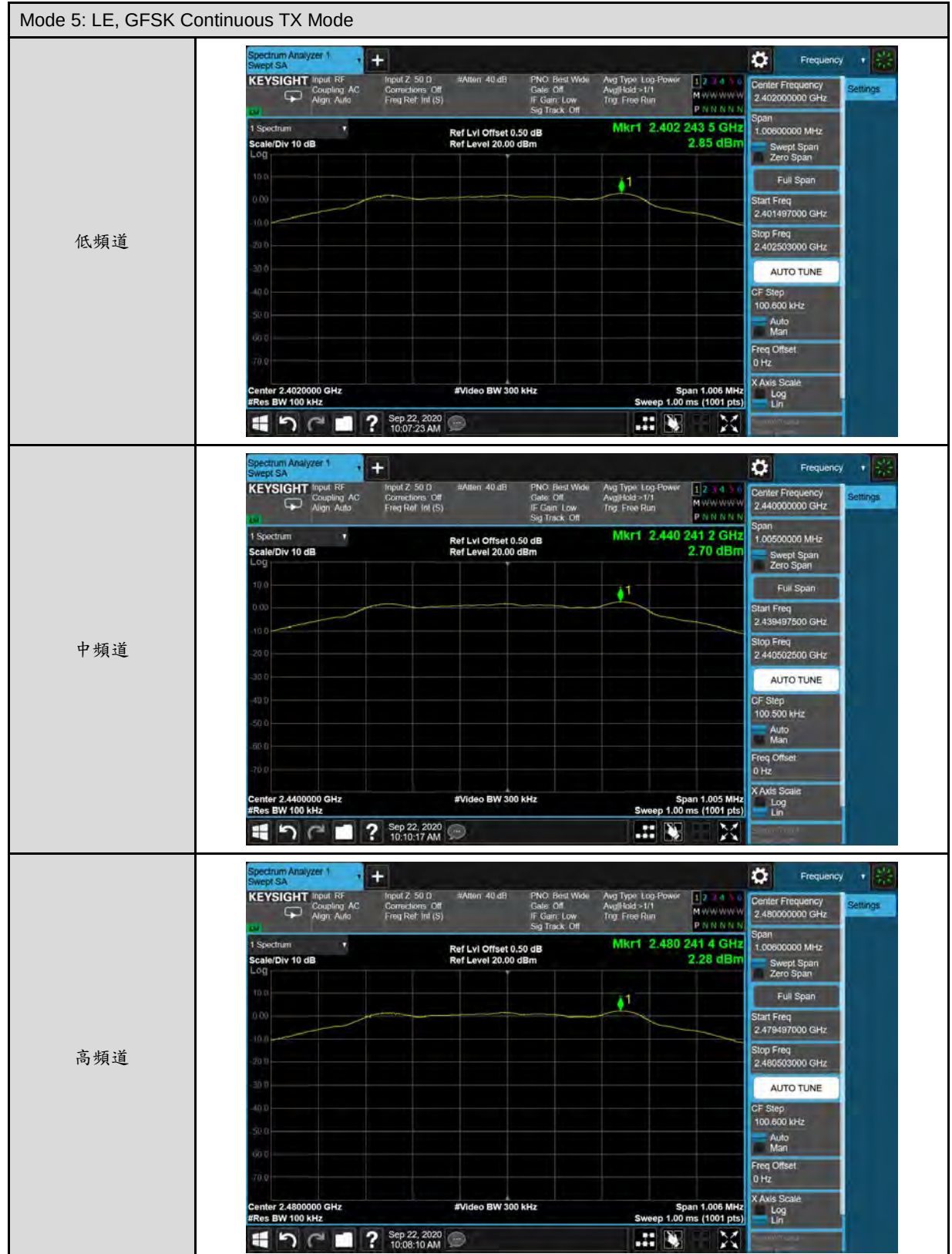
中頻道



高頻道



Reference level



Mode 6: 2LE, GFSK Continuous TX Mode

低頻道



中頻道



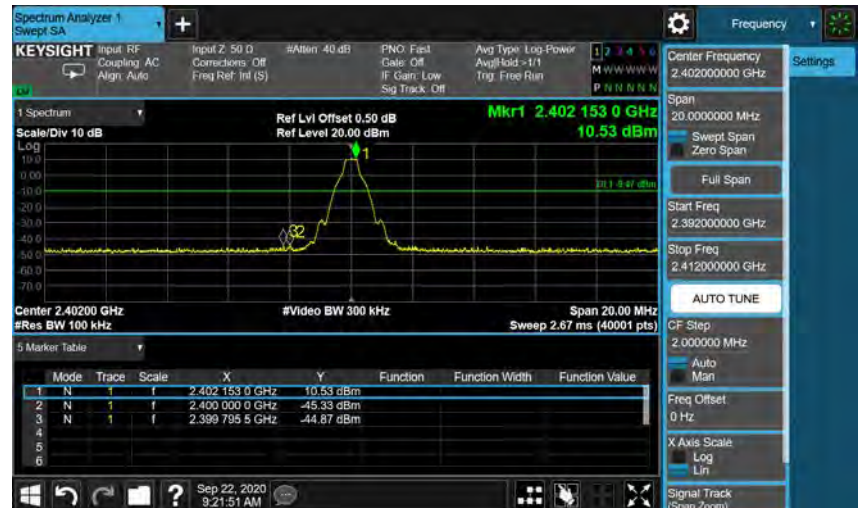
高頻道



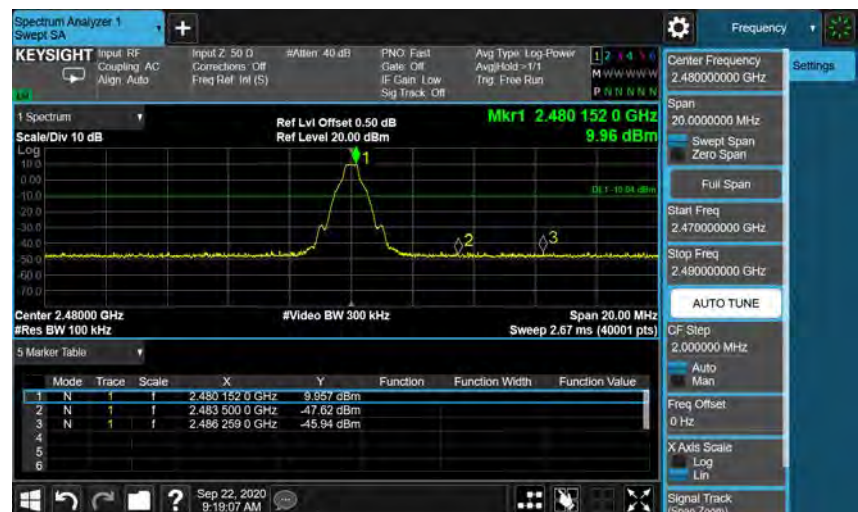
Conducted Band Edge

Mode 2: BR, GFSK Continuous TX Mode_Un-hopping

低頻道



高頻道



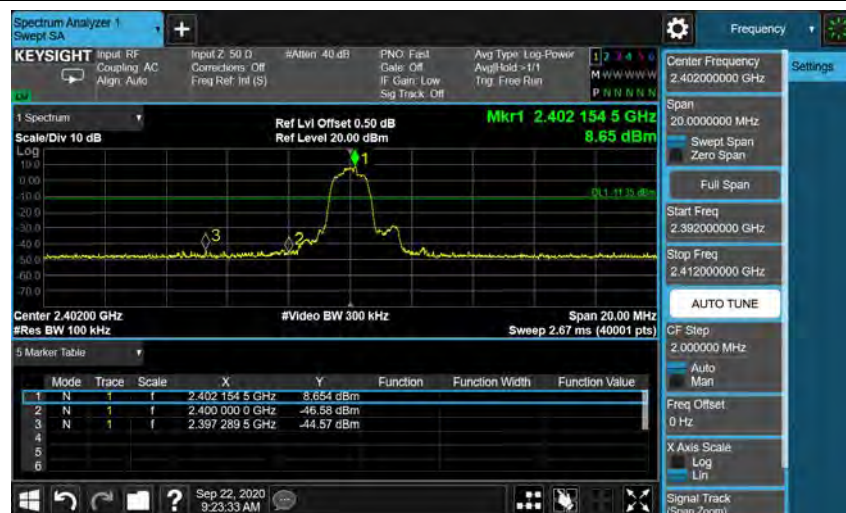
Mode 2: BR, GFSK Continuous TX Mode_Hopping

低頻道-高頻道

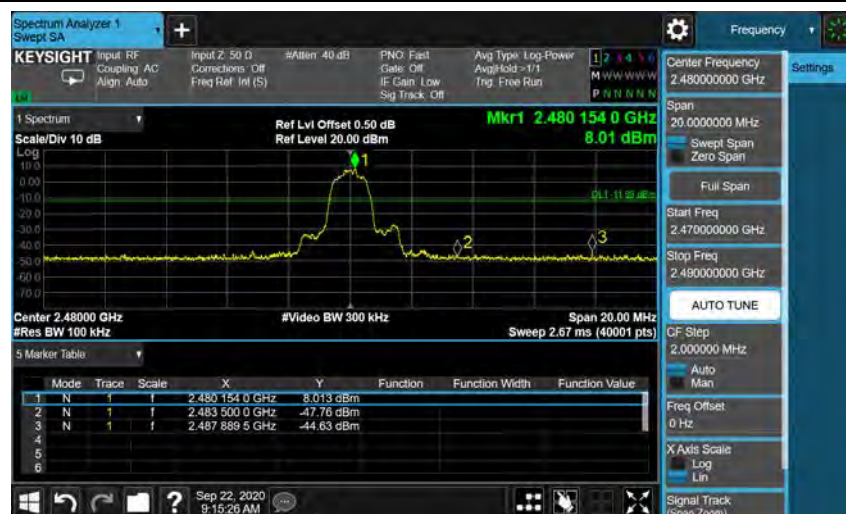


Mode 4: EDR, 8DPSK Continuous TX Mode_Un-hopping

低頻道



高頻道



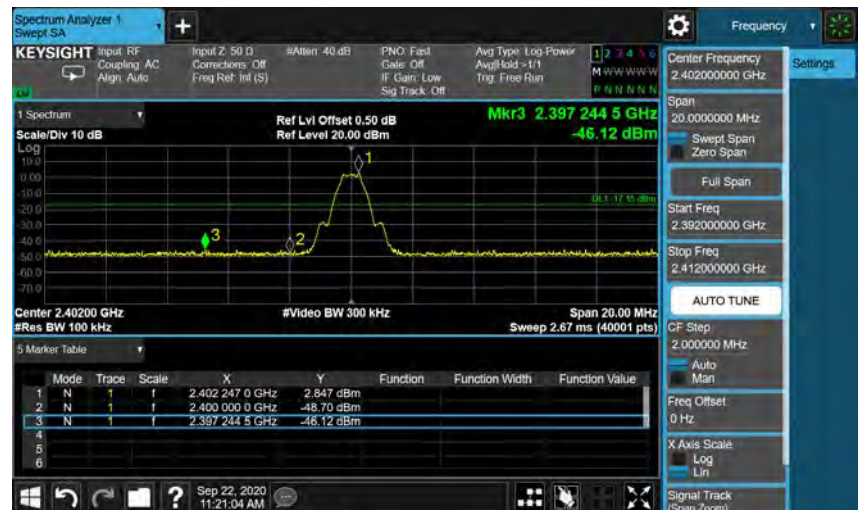
Mode 4: EDR, 8DPSK Continuous TX Mode_Hopping

低頻道-高頻道

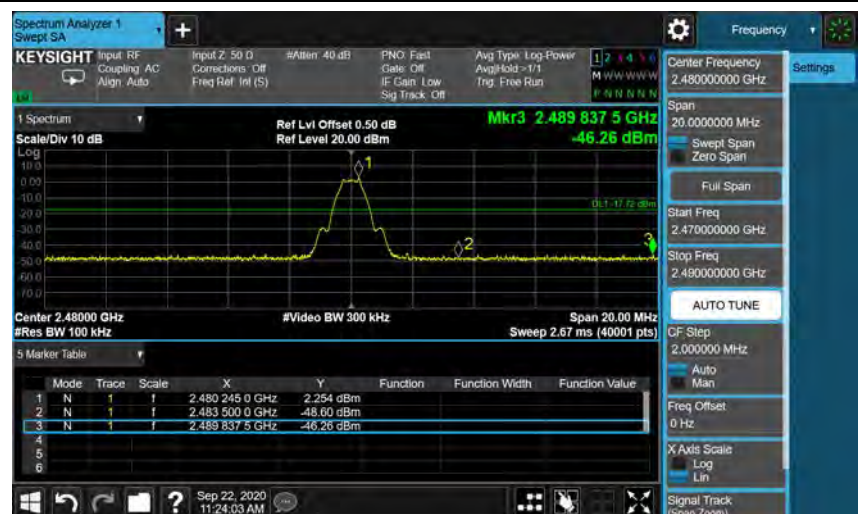


Mode 5: LE, GFSK Continuous TX Mode

低頻道

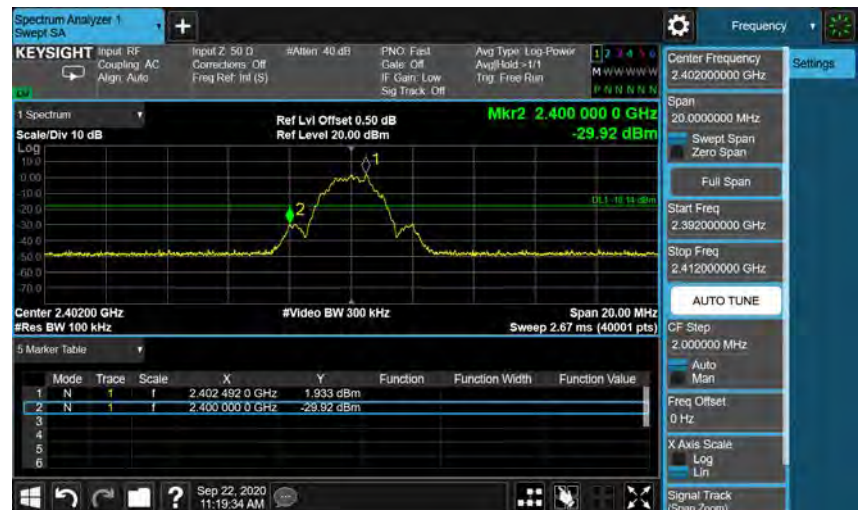


高頻道

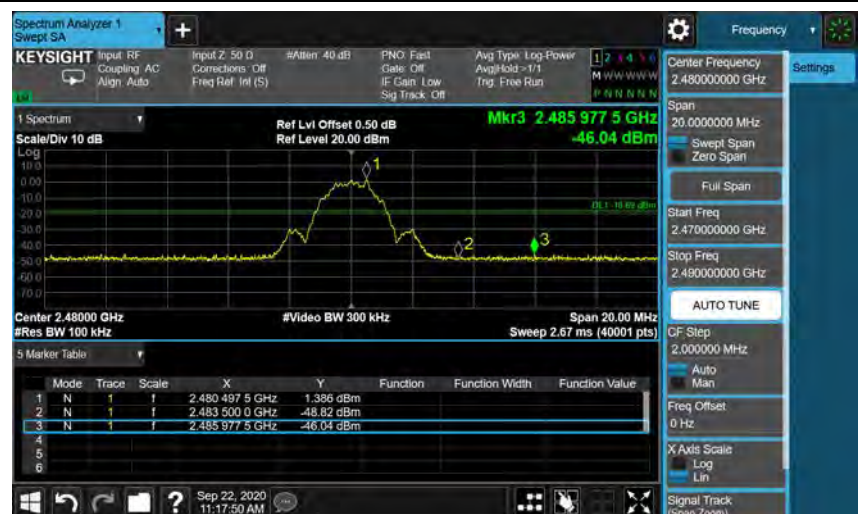


Mode 6: 2LE, GFSK Continuous TX Mode

低頻道



高頻道



頻率範圍及頻道數之要求





發射頻寬之要求

操作模式 : Mode 2: BR, GFSK Continuous TX Mode Mode 4: EDR, 8DPSK Continuous TX Mode				
操作模式	頻道	發射頻寬(20 dB)		
		量測值 (MHz)	2/3 量測值 (MHz)	限制值 (MHz)
Mode 2	低頻道	0.959	0.639	-----
	中頻道	0.958	0.638	-----
	高頻道	0.959	0.639	-----
Mode 4	低頻道	1.289	0.859	-----
	中頻道	1.288	0.859	-----
	高頻道	1.291	0.861	-----
註: 發射頻寬(20 dB) 之 2/3 量測值 = 量測值 x 2 / 3				
測試掃描圖請參考下頁。				

操作模式 : Mode 5: LE, GFSK Continuous TX Mode Mode 6: 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 5	低頻道	670.500	≥ 500
	中頻道	669.900	≥ 500
	高頻道	670.300	≥ 500
Mode 6	低頻道	1240.000	≥ 500
	中頻道	1234.000	≥ 500
	高頻道	1233.000	≥ 500
測試掃描圖請參考下頁。			

Mode 2: BR, GFSK Continuous TX Mode

低頻道

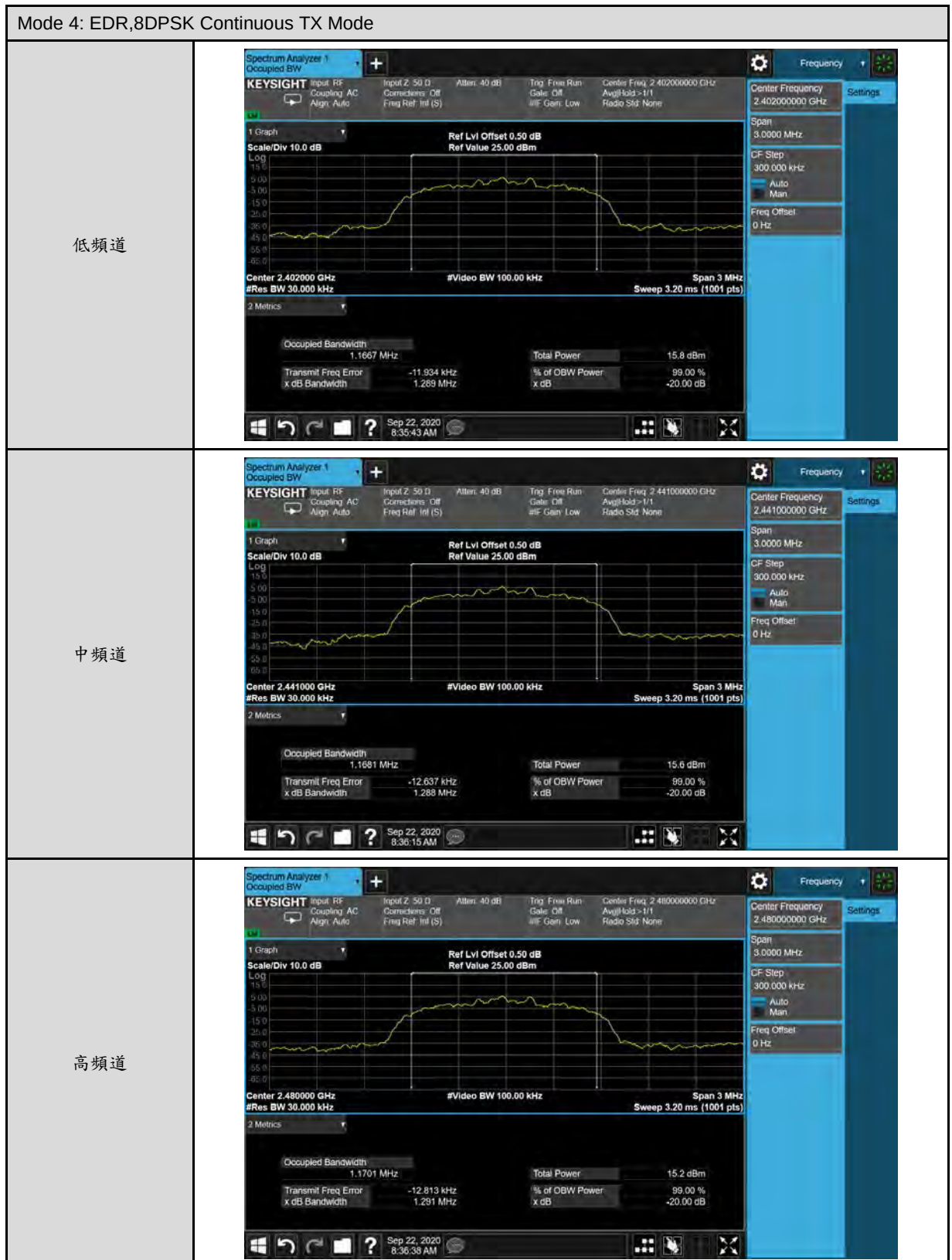


中頻道



高頻道





Mode 5: LE, GFSK Continuous TX Mode

低頻道



中頻道



高頻道



Mode 6: 2LE, GFSK Continuous TX Mode

低頻道



中頻道



高頻道



跳頻系統之載波頻率頻道間隔之量測

操作模式： Mode 2: BR, GFSK Continuous TX Mode Mode 4: EDR, 8DPSK Continuous TX Mode			
操作模式	頻道	相鄰頻道載波間隔	
		量測值 (MHz)	限制值 (MHz)
Mode 2	低頻道	1.000	≥ 0.639
	中頻道	1.000	≥ 0.638
	高頻道	1.000	≥ 0.639
Mode 4	低頻道	1.000	≥ 0.859
	中頻道	1.000	≥ 0.859
	高頻道	1.000	≥ 0.861

Mode 2: BR, GFSK Continuous TX Mode

低頻道



中頻道



高頻道

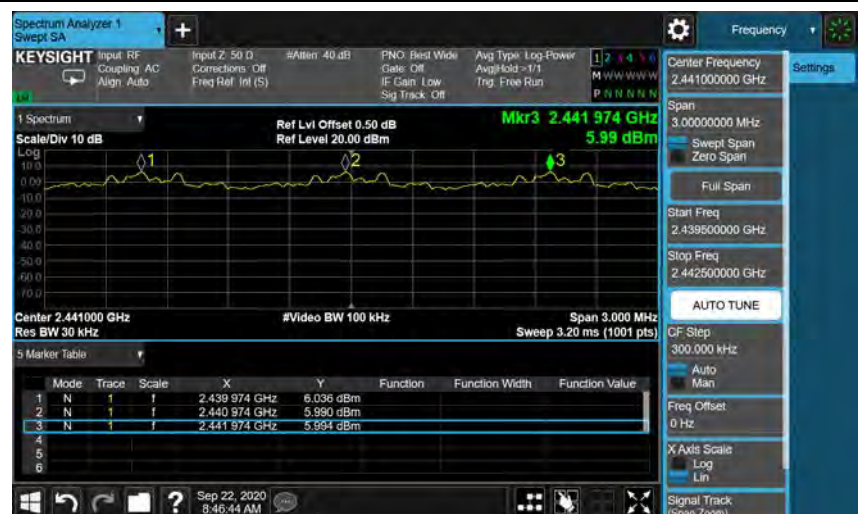


Mode 4: EDR, 8DPSK Continuous TX Mode

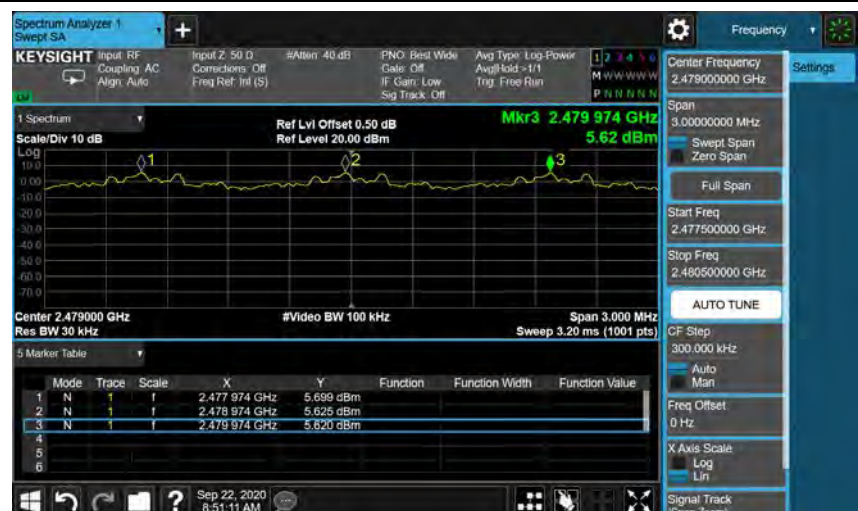
低頻道



中頻道



高頻道



跳頻系統之任一頻率佔用之平均時間之量測

Mode 2: BR, GFSK Continuous TX Mode	
DH1 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$800/79\text{CH} = 10.13$ (次/秒)
頻道每次佔用之時間(1)	0.390 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 10.13 = 320.108$ (次)
週期內佔用的平均時間(1) * (2)	124.842 ms (秒)
LIMIT(msec)	≤ 400
DH3 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$400/79\text{CH} = 5.06$ (次/秒)
頻道每次佔用之時間(1)	1.640 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 5.06 = 159.896$ (次)
週期內佔用的平均時間(1) * (2)	262.229 ms (秒)
LIMIT(msec)	≤ 400
DH5 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$266.7/79\text{CH} = 3.38$ (次/秒)
頻道每次佔用之時間(1)	2.900 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 3.38 = 106.808$ (次)
週期內佔用的平均時間(1) * (2)	309.743 ms (秒)
LIMIT(msec)	≤ 400

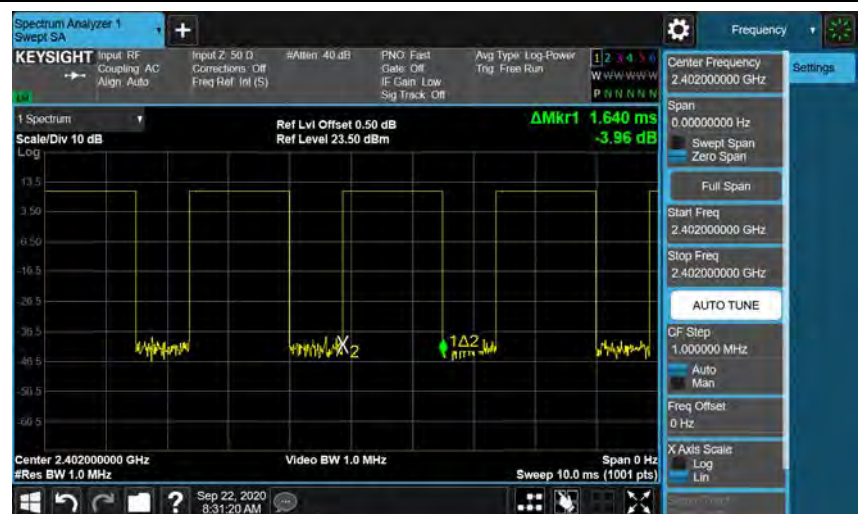
附註: RB=1 MHz ; VB=1 MHz ; SPAN=0 MHz ; Sweep Time=10 msec

Mode 2: BR, GFSK Continuous TX Mode

DH1



DH3



DH5

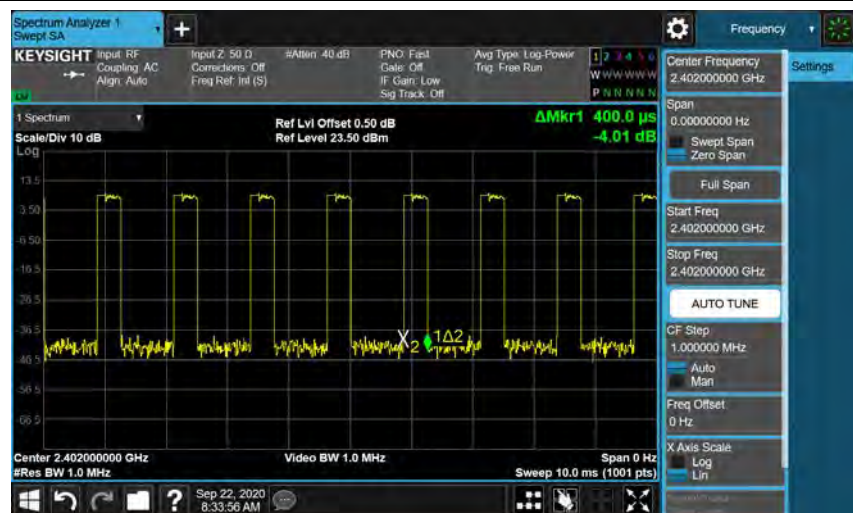


Mode 4: EDR, 8DPSK Continuous TX Mode	
3DH1 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$800/79\text{CH} = 10.13$ (次/秒)
頻道每次佔用之時間(1)	0.400 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 10.13 = 320.108$ (次)
週期內佔用的平均時間(1) * (2)	128.043 ms (秒)
LIMIT(msec)	≤ 400
3DH3 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$400/79\text{CH} = 5.06$ (次/秒)
頻道每次佔用之時間(1)	1.650 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 5.06 = 159.896$ (次)
週期內佔用的平均時間(1) * (2)	263.828 ms (秒)
LIMIT(msec)	≤ 400
3DH5 模式	
需量測之週期(秒)	$79\text{CH} * 0.4 = 31.6$ (秒)
待測物每秒跳頻之總次數	1600(藍牙通訊協定標準)
頻道每秒佔用之次數	$266.7/79\text{CH} = 3.38$ (次/秒)
頻道每次佔用之時間(1)	2.920 ms (秒)
週期內頻道佔用之總次數(2)	$31.6 * 3.38 = 106.808$ (次)
週期內佔用的平均時間(1) * (2)	311.879 ms (秒)
LIMIT(msec)	≤ 400

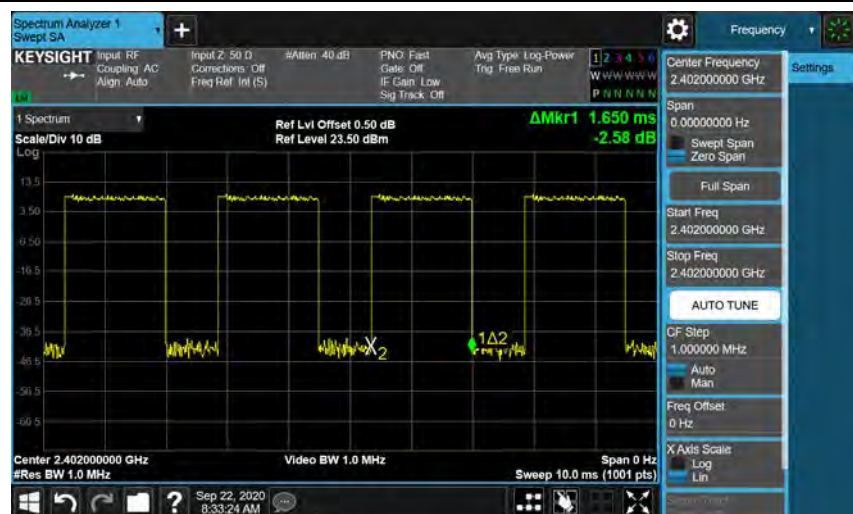
附註: RB=1 MHz ; VB=1 MHz ; SPAN=0 MHz ; Sweep Time=10 msec

Mode 4: EDR, 8DPSK Continuous TX Mode

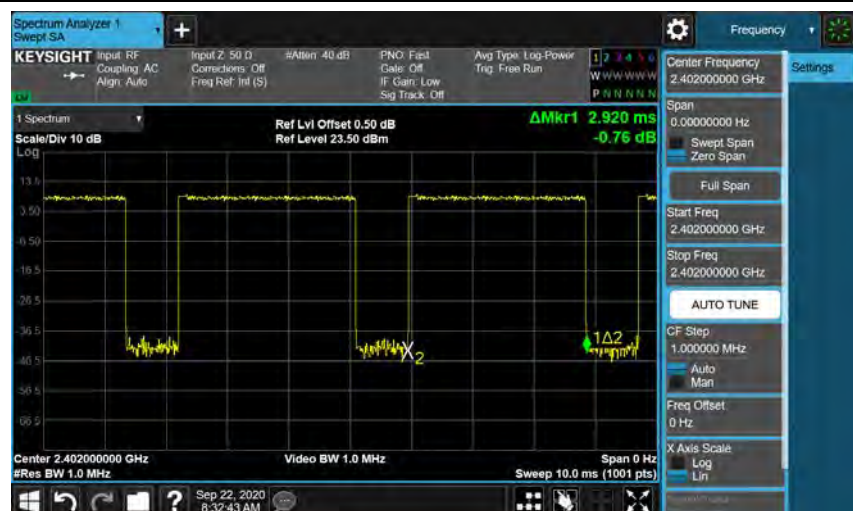
3DH1



3DH3

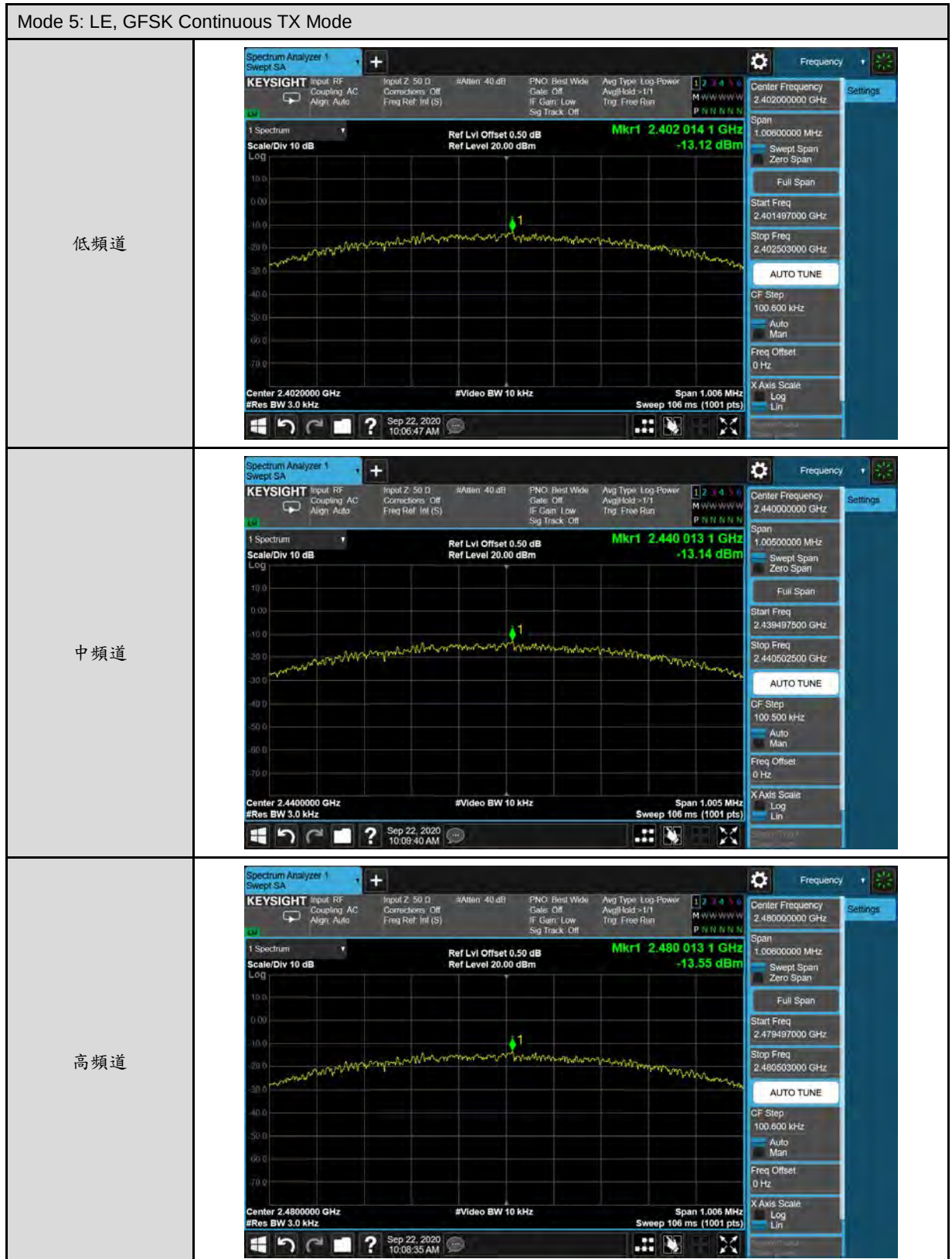


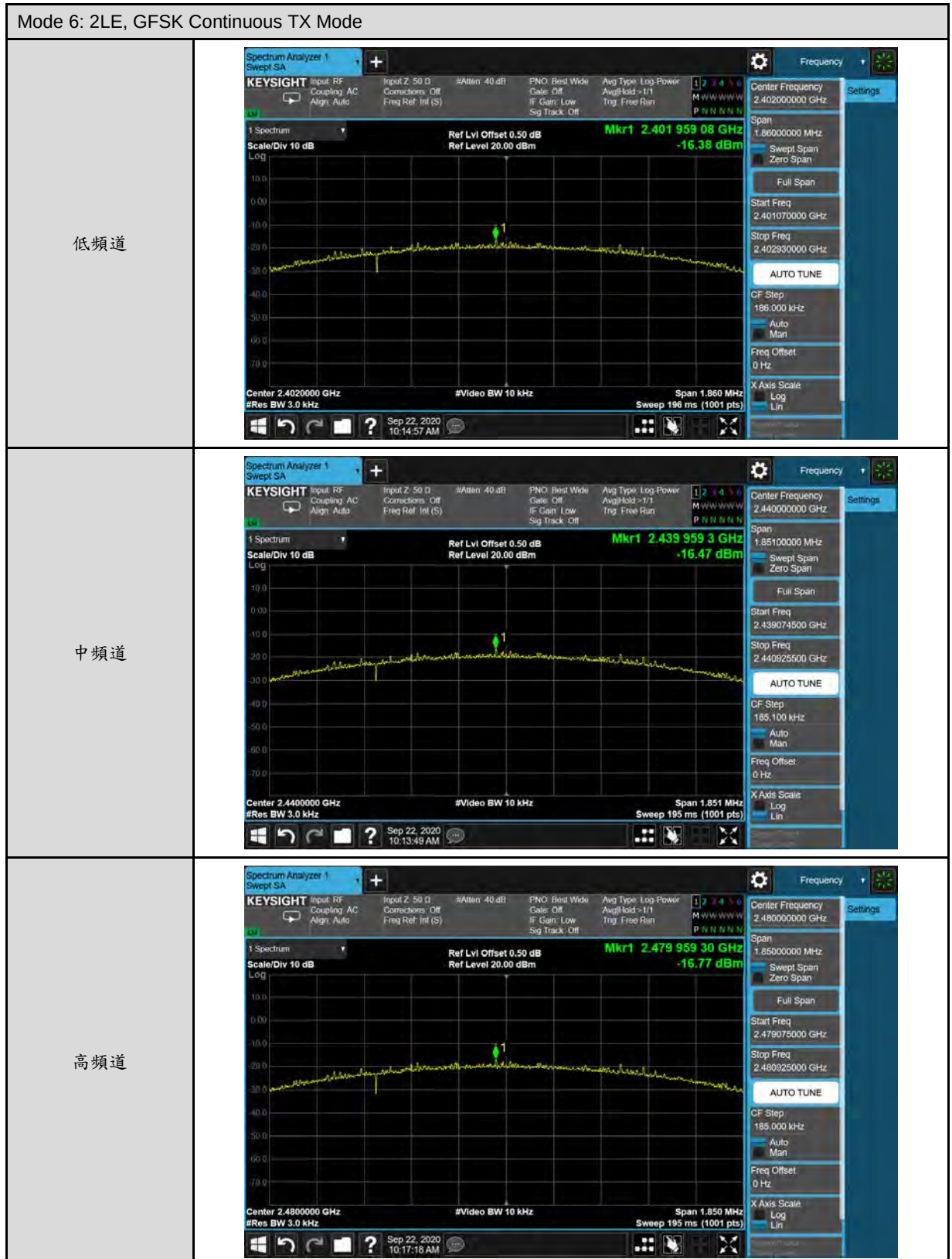
3DH5



功率密度之要求

操作模式 : Mode 5: LE, GFSK Continuous TX Mode Mode 6: 2LE, GFSK Continuous TX Mode			
操作模式	頻道	量測值 (dBm/3 kHz)	限制值 (dBm/3 kHz)
Mode 5	低頻道	-13.120	≤ 8
	中頻道	-13.140	≤ 8
	高頻道	-13.550	≤ 8
Mode 6	低頻道	-16.380	≤ 8
	中頻道	-16.470	≤ 8
	高頻道	-16.770	≤ 8





電波暴露量之評估

Band	Frequency (MHz)	Limit (mW/cm ²)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm ²)
BT	2402-2480	1	20	10.29	4.6	2.88	1	30.789	0.0061

---END---