



晶復科技股份有限公司

A Test Lab Techno Corp.

低功率射頻電機試驗報告

報告編號 1901DR45

產品名稱 Multimedia device with Bluetooth and WLAN

申請廠商 Robert Bosch Car Multimedia GmbH

商標或廠牌 BOSCH

型式 (號) AIVIP42M0

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

報告發行日期 108 年 01 月 22 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
33465 桃園市八德區長安街 140-1 號
Tel : 03-2710188 / Fax : 03-2710190

財團法人全國認證基金會
認證編號 : 1330
認證有效期間 : 105.09.06 ~ 108.09.05
認可能量範圍 : 低功率射頻電機技術規範(LP0002)
2.4GHz 射頻電信終端設備技術規範(RTTE01)



實驗室聲明

本測試報告內之測試結果可藉由測試儀器設備之校正報告與本報告內所評估量測不確定度追溯至國家或國際標準。

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低功率射頻電機測試證明書

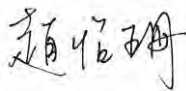
發行日期：108年01月22日

產品名稱：Multimedia device with Bluetooth and WLAN
商標：BOSCH
型號：AIVIP42M0
申請廠商：Robert Bosch Car Multimedia GmbH
申請者地址：Robert-Bosch-Str. 200, 31139 Hildesheim, Germany
製造廠商(1)：Bosch Car Multimedia Portugal S.A.
製造商地址(1)：Rua Max Grundig, 35 - Lomar; 4705-820 Braga, Portugal
製造廠商(2)：Robert Bosch (Malaysia) Sdn.Bhd.
製造商地址(2)：Free Industrial Zone, Phase 1, Bayan Lepas, Penang, 11900, Malaysia
待測物電壓：DC 13.5 V, 15 A
DC 9.0 V to 16.0 V (Extended voltage range)
試驗電壓：DC 12 V
量測規範：低功率射頻電機技術規範(LP0002) 107年1月10日
試驗實驗室：晶復科技股份有限公司(桃園市八德區長安街140-1號)
試驗受理日期：107 年 11 月 14 號
樣品接受日期：107 年 12 月 30 號
試驗完成日期：108 年 01 月 12 號

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

特此證明！

報告製作者：



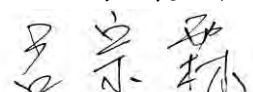
(趙 怡 珊)

測 試 者：



(歐 陽 良 相)

審 核 者：



(呂 宗 霖)

本測試報告所敘述之測試結果，僅對客戶所提供之測試樣品，在此測試報告所述及之測試條件下所實施之量測有效。

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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	Multimedia device with Bluetooth and WLAN	
商 標 或 廠 牌	BOSCH	
型 號	AIVIP42M0	
額 定 電 源	DC 13.5 V, 15 A DC 9.0 V to 16.0 V (Extended voltage range)	
調 變 方 式	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n 2.4 GHz 20 MHz / 40 MHz : OFDM IEEE 802.11a U-NII Band: OFDM IEEE 802.11n 5 GHz 20 MHz / 40 MHz U-NII Band: OFDM IEEE 802.11ac 20 MHz / 40 MHz /80 MHz U-NII Band: OFDM IEEE 802.11n 5 GHz 20 MHz / 40 MHz U-NII Band DFS: OFDM IEEE 802.11ac 20 MHz / 40 MHz /80 MHz U-NII Band DFS: OFDM *此產品之不具有動態選擇(DFS)之雷達偵測功能 (Client without radar detection function)	
頻 率 使 用 範 圍	Mode	Frequency Range (MHz)
	IEEE 802.11b / IEEE 802.11g / IEEE 802.11n 2.4 GHz 20 MHz	2412 – 2462
	IEEE 802.11n 2.4 GHz 40 MHz	2422 – 2452
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band I IEEE 802.11ac 20 MHz U-NII Band I	5180 – 5240
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band II-A IEEE 802.11ac 20 MHz U-NII Band II-A	5260 – 5320
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band II-C IEEE 802.11ac 20 MHz U-NII Band II-C	5500 – 5720
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band III IEEE 802.11ac 20 MHz U-NII Band III	5720 – 5825
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I IEEE 802.11ac 40 MHz U-NII Band I	5190 – 5230
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-A IEEE 802.11ac 40 MHz U-NII Band II-A	5270 – 5310
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-C IEEE 802.11ac 40 MHz U-NII Band II-C	5510 – 5710
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III IEEE 802.11ac 40 MHz U-NII Band III	5710 – 5795
	IEEE 802.11ac 80 MHz U-NII Band I	5210
	IEEE 802.11ac 80 MHz U-NII Band II-A	5290
	IEEE 802.11ac 80 MHz U-NII Band II-C	5530-5690
	IEEE 802.11ac 80 MHz U-NII Band III	5690-5775

天 線 資 訊	廠牌	型號	型態	頻率範圍 (MHz)	增益值 (dBi)
	TDK	ANT162442DT-2001AM1	SMD Antenna	2412-2462	2.6
				5150-5250	2.5
				5250-5350	3.8
				5470-5725	3.6
				5725-5850	3.1
RF 最大輸出功率	Mode			Power	
IEEE 802.11b			17.62 dBm	0.058 W	
IEEE 802.11g			19.33 dBm	0.086 W	
IEEE 802.11n 2.4 GHz 20 MHz			19.26 dBm	0.084 W	
IEEE 802.11n 2.4 GHz 40 MHz			19.13 dBm	0.082 W	
IEEE 802.11a U-NII Band I			16.97 dBm	49.77 mW	
IEEE 802.11a U-NII Band II-A			17.09 dBm	51.17 mW	
IEEE 802.11a U-NII Band II-C			13.99 dBm	25.06 mW	
IEEE 802.11a U-NII Band III			13.85 dBm	24.27 mW	
IEEE 802.11ac 20 MHz U-NII Band I			17.17 dBm	52.12 mW	
IEEE 802.11ac 20 MHz U-NII Band II-A			15.65 dBm	36.73 mW	
IEEE 802.11ac 20 MHz U-NII Band II-C			12.33 dBm	17.10 mW	
IEEE 802.11ac 20 MHz U-NII Band III			13.26 dBm	21.18 mW	
IEEE 802.11ac 40 MHz U-NII Band I			13.28 dBm	21.28 mW	
IEEE 802.11ac 40 MHz U-NII Band II-A			14.31 dBm	26.98 mW	
IEEE 802.11ac 40 MHz U-NII Band II-C			10.40 dBm	10.96 mW	
IEEE 802.11ac 40 MHz U-NII Band III			12.96 dBm	19.77 mW	
IEEE 802.11ac 80 MHz U-NII Band I			11.15 dBm	13.04 mW	
IEEE 802.11ac 80 MHz U-NII Band II-A			11.91 dBm	15.52 mW	
IEEE 802.11ac 80 MHz U-NII Band II-C			7.12 dBm	5.15 mW	
IEEE 802.11ac 80 MHz U-NII Band III			9.96 dBm	9.91 mW	

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	FM/AM Port	1	連接至 N/A
2	DAB/SXM FAKRA Port	1	連接至 N/A
3	GNSS FAKRA Port	1	連接至 N/A
4	RVC HSD Port	1	連接至 N/A
5	RSE HSD Port	1	連接至 N/A
6	USB OTG/MCH USCAR30 Port	1	連接至 Notebook
7	TCU/Spare USB USCAR30 Port	1	連接至 N/A
8	TH18HW Main-connector Port	1	連接至車用電池
9	TH 40 Port	1	連接至 N/A
10	2 nd USB Port	1	連接至 N/A
11	Media In HSD Port	1	連接至 N/A

待測設備外圍說明：

電 源 線 類 別	本產品透過 TH18HW Main-connector cable 供電
附 屬 裝 置	無

1.2 其他相關聲明

本測試報告屬(以下選擇一種打■)

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

2. 量測儀器及測試配置說明

2.1 量測設備

For Conducted

Test Period: Jan. 08, 2019

名稱	廠牌	型號	序號	本次校驗日期	校驗年限
Spectrum Analyzer (20Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/25/2018	1 year
Power Sensor	Anritsu	MA2411B	1126022	08/29/2018	1 year
Power Meter	Anritsu	ML2495A	1135009	08/29/2018	1 year

For Radiated Emissions

Test Period: Dec. 30, 2018

名稱	廠牌	型號	序號	本次校驗日期	校驗年限
EXA Signal Analyzer	Keysight	N9010A	MY52221312	01/15/2018	1 year
Amplifier	Agilent	8449B	3008A02237	10/16/2018	1 year
Amplifier	Agilent	8447D	2944A11119	01/10/2018	1 year
Trilog Broadband Antenna	Schwarzbeck Mess-Elektronik	VULB9168	416	10/23/2018	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	08/23/2018	1 year
Broadband Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	9170	9170-320	08/07/2018	1 year
Loop Antenna	COM-POWER CORPORATION	AL-130	121014	03/13/2018	1 year
RF Cable	EMCI	EMC104-N-N-600 0	TE01-1	02/20/2018	1 year
Microwave Cable	EMCI	EMC104-SM-SM- 13000	170814	10/30/2018	1 year
Microwave Cable	EMCI	EMC102-KM-KM- 14000	151001	02/20/2018	1 year

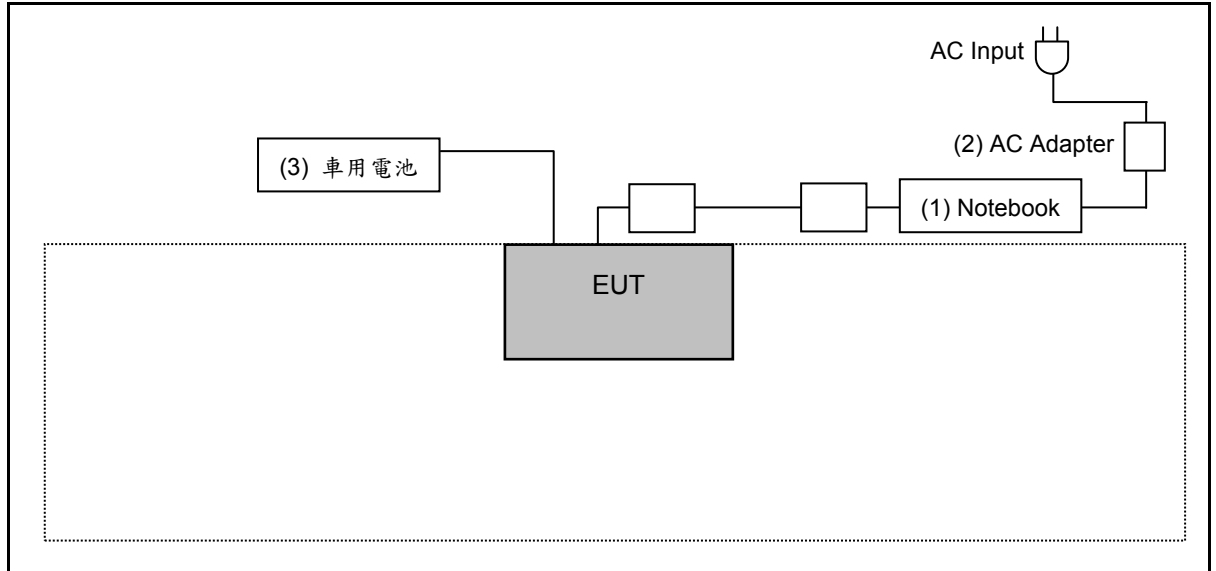
For DFS

Test Period: Jan. 12, 2019

名稱	廠牌	型號	序號	本次校驗日期	校驗年限
Spectrum Analyzer	Agilent	N9020A	US47520902	09/25/2018	1 year
Signal Generator	Agilent	N5182B	MY53050382	05/24/2018	1 year
Power Supply	KEITHLEY	2303	4045290	02/08/2018	1 year

2.2 檢驗系統示意圖

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	商標	型號	序號	電源線	備註
(1) Notebook	HP	PROBOOK 4421s	CNF1182 X1G	---	---
(2) AC Adapter	HP	Series PPP012H-S	---	Non-Shielded, 1.7 m	INPUT : AC 100 V to 240 V , 50 Hz / 60 Hz , 1.7 A OUTPUT : DC 19.5 V , 3.34 A
(3) 車用電池	YUASA 湯淺	75D23L	---	---	---

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

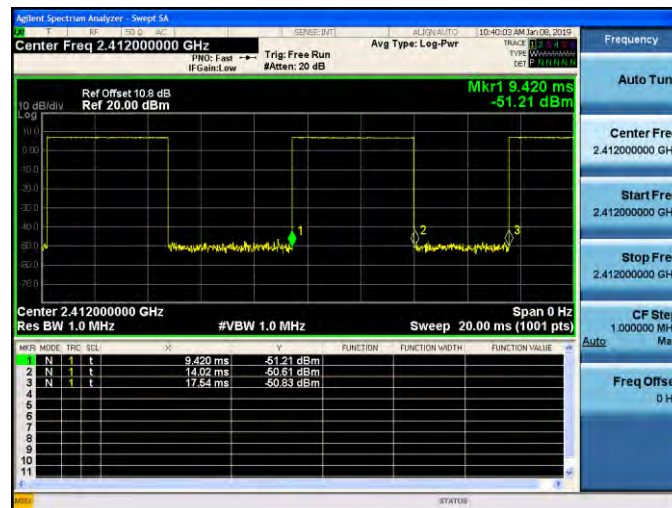
Pre-Test Mode
Mode 1: Transmit Mode
Mode 2: IEEE 802.11b Continuous TX Mode
Mode 3: IEEE 802.11g Continuous TX Mode
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode
Mode 6: IEEE 802.11a Continuous TX Mode
Mode 7: IEEE 802.11ac 20 MHz Continuous TX Mode
Mode 8: IEEE 802.11ac 40 MHz Continuous TX Mode
Mode 9: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 10: Receiver Mode

Final-Test Mode
Mode 1: Transmit Mode
Mode 2: IEEE 802.11b Continuous TX Mode
Mode 3: IEEE 802.11g Continuous TX Mode
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode
Mode 6: IEEE 802.11a Continuous TX Mode
Mode 7: IEEE 802.11ac 20 MHz Continuous TX Mode
Mode 8: IEEE 802.11ac 40 MHz Continuous TX Mode
Mode 9: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 10: Receiver Mode

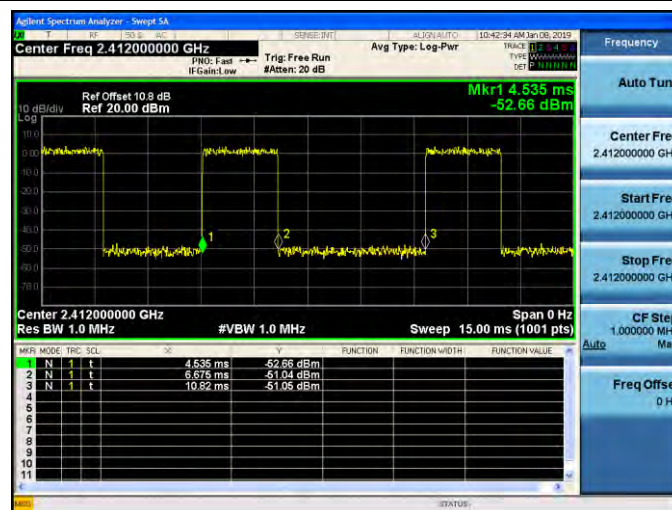
Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimun VBW (kHz)
Mode 2: IEEE 802.11b Continuous TX Mode	2412	4.600	8.120	0.567	2.468	0.217
Mode 3: IEEE 802.11g Continuous TX Mode	2412	2.140	6.284	0.341	4.678	0.467
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode	2412	1.990	5.560	0.358	4.462	0.503
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode	2422	1.000	5.870	0.170	7.686	1.000
Mode 6: IEEE 802.11a Continuous TX Mode	5180.0	2.145	5.025	0.427	3.697	0.466
Mode 7: IEEE 802.11ac 20 MHz Continuous TX Mode	5180.0	2.010	5.130	0.392	4.069	0.498
Mode 8: IEEE 802.11ac 40 MHz Continuous TX Mode	5190.0	1.020	5.145	0.198	7.028	0.980
Mode 9: IEEE 802.11ac 80 MHz Continuous TX Mode	5210.0	0.490	5.140	0.095	10.208	2.041

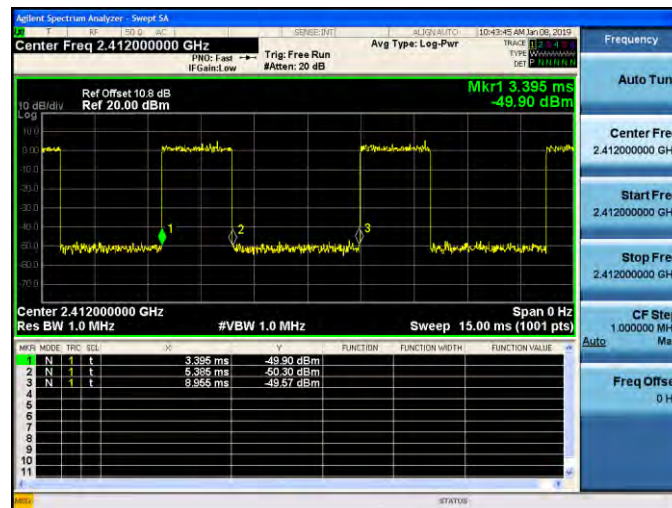
Mode 2: IEEE 802.11b Continuous TX Mode



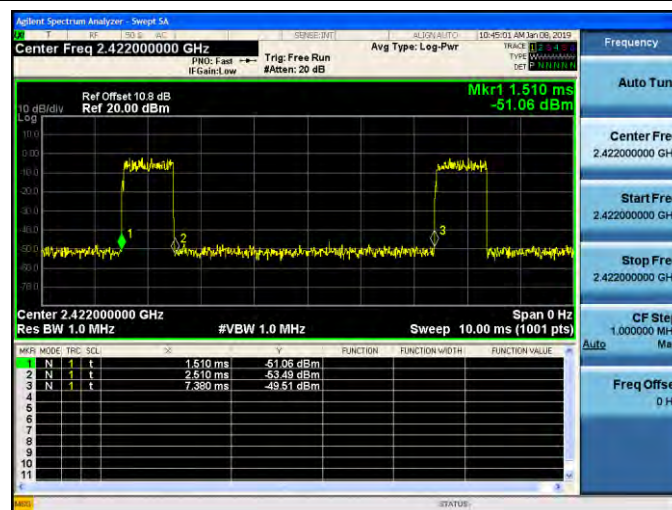
Mode 3: IEEE 802.11g Continuous TX Mode



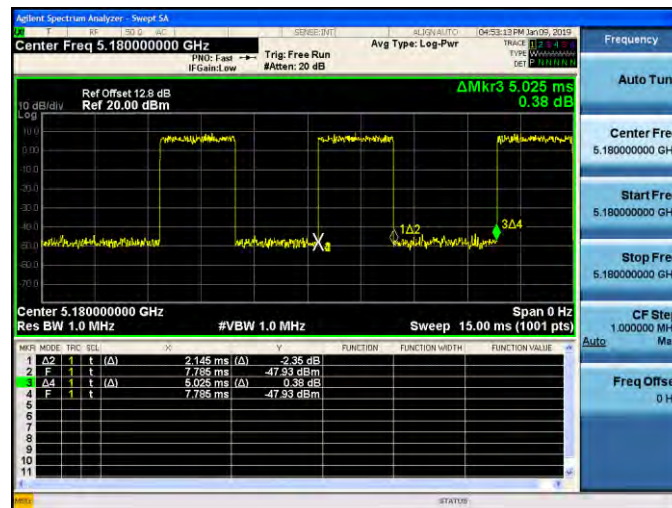
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode



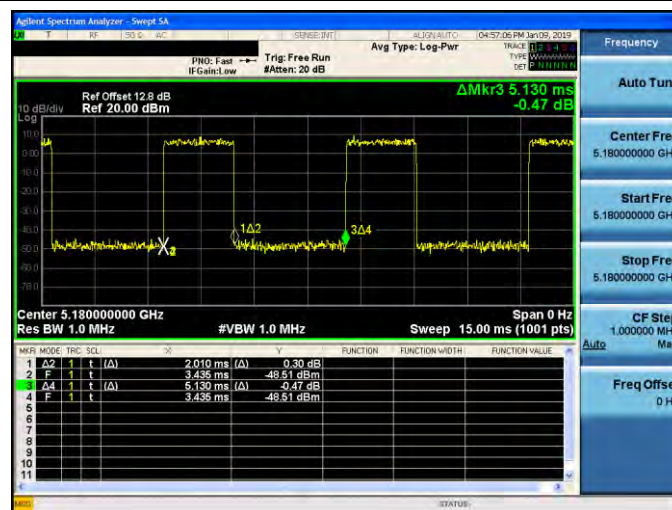
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode



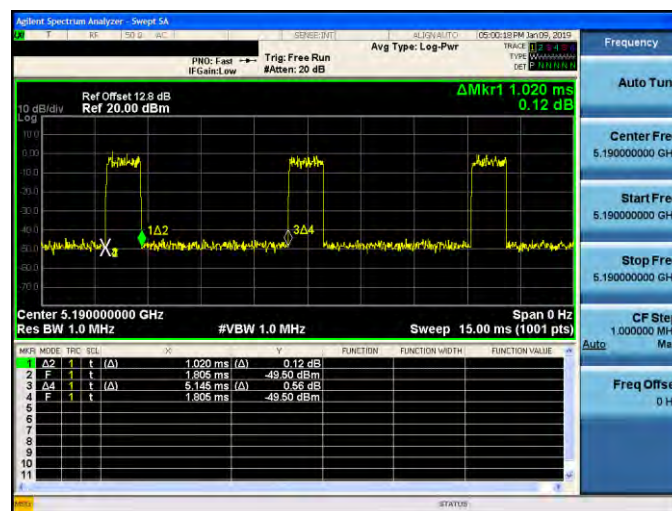
Mode 6: IEEE 802.11a Continuous TX Mode



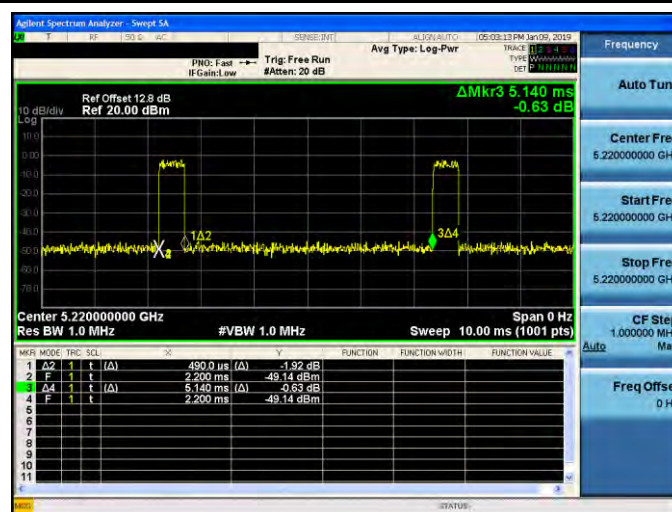
Mode 7: IEEE 802.11ac 20 MHz Continuous TX Mode



Mode 8: IEEE 802.11ac 40 MHz Continuous TX Mode



Mode 9: IEEE 802.11ac 80 MHz



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	9 kHz ~ 150 kHz	2.7
	150 kHz ~ 30 MHz	2.7
Radiated Emission	9 kHz ~ 30 MHz	1.7
	30 MHz ~ 1000 MHz	5.7
	1000 MHz ~ 18000 MHz	5.5
	18000 MHz ~ 26500 MHz	4.8
	26500 MHz ~ 40000 MHz	4.8
Conducted Output Power		+0.27 dB / -0.28 dB
RF Bandwidth		4.96 %
Power Spectral Density		+0.71 dB / -0.77 dB
Frequency Stability		+ 2.212 x 10 ⁻⁷ % / - 2.170 x 10 ⁻⁷
Duty Cycle		1.06 %
Time Occupancy		1.40 %

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	26
濕度 Humidity (%RH)		10 - 90	60

中華民國實驗室認證體系

認可編號: 1330

測試實驗室名稱：晶復科技股份有限公司

TEL: 886-3-2710188 / FAX: 886-3-2710190

傳導干擾電壓量測地點：桃園市八德區長安街 140-1 號.

輻射干擾場強量測地點：桃園市八德區長安街 140-1 號.

3. 測試項目與結果判定總表

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

2.4 GHz 頻段適用下列表格

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

5 GHz U-NII 頻段適用下列表格

項次	測試項目	適用規範	測試結果	量測設備	結果判定
1	電源線傳導干擾	低功率射頻電機技術規範 2.3 節	請參閱 4.1 節	請參閱 2.1 節	不適用
2	場強輻射	低功率射頻電機技術規範 2.8 節、2.9 節	請參閱 4.3.1 節	請參閱 2.1 節	合格
3	頻帶邊緣外之輻射發射	低功率射頻電機技術規範 2.7、4.7.4 節	請參閱 4.3.1 節	請參閱 2.1 節	合格
4	非必要頻帶	低功率射頻電機技術規範 4.7.4 節	請參閱 4.3.1 節	請參閱 2.1 節	合格
5	峰值發射功率	低功率射頻電機技術規範 4.7.3.1、4.7.3.2、4.7.3.3 節	請參閱 4.3.2 節	請參閱 2.1 節	合格
6	峰值功率頻譜密度	低功率射頻電機技術規範 4.7.3.1、4.7.3.2、4.7.3.3 節	請參閱 4.3.3 節	請參閱 2.1 節	合格
7	26 dB 頻寬之要求	N/A	請參閱 4.3.4 節	請參閱 2.1 節	----
8	6 dB 頻寬之要求	低功率射頻電機技術規範 4.7.5 節	請參閱 4.3.5 節	請參閱 2.1 節	合格
9	發射功率控制(TPC)	低功率射頻電機技術規範 4.7.7.1 節	請參閱 4.3.6 節	請參閱 2.1 節	合格
10	動態頻率選擇(DFS) 雷達偵測功能	低功率射頻電機技術規範 4.7.7.2 節	請參閱 4.3.7 節	請參閱 2.1 節	不適用
11	動態頻率選擇(DFS) 頻道可用性檢查時間	低功率射頻電機技術規範 4.7.7.2(3)節	請參閱 4.3.8 節	請參閱 2.1 節	不適用
12	動態頻率選擇(DFS) 頻道移動時間	低功率射頻電機技術規範 4.7.7.2(4)節	請參閱 4.3.9 節	請參閱 2.1 節	合格
13	動態頻率選擇(DFS) 不可佔用時間	低功率射頻電機技術規範 4.7.7.2(5)節	請參閱 4.3.10 節	請參閱 2.1 節	不適用
14	天線規格	低功率射頻電機技術規範 4.7.8 節	請參閱 4.3.11 節	-----	合格
15	電波暴露量之評估	低功率射頻電機技術規範 5.20.2.1 節、5.20.2.2 節	請參閱 4.3.12 節	請參閱 2.1 節	合格

4. 測試項目表列

4.1 電源線傳導干擾之量測

合格標準：

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

Frequency (MHz)	傳導限制值 (dBuV)	
	準峰值 (Quasi – peak)	平均值 (Average)
0.15 – 0.5	66 - 56 (註)	56 - 46 (註)
0.5 – 5	56	46
5 - 30	60	50

註：隨頻率之對數遞減。

測試方法：

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

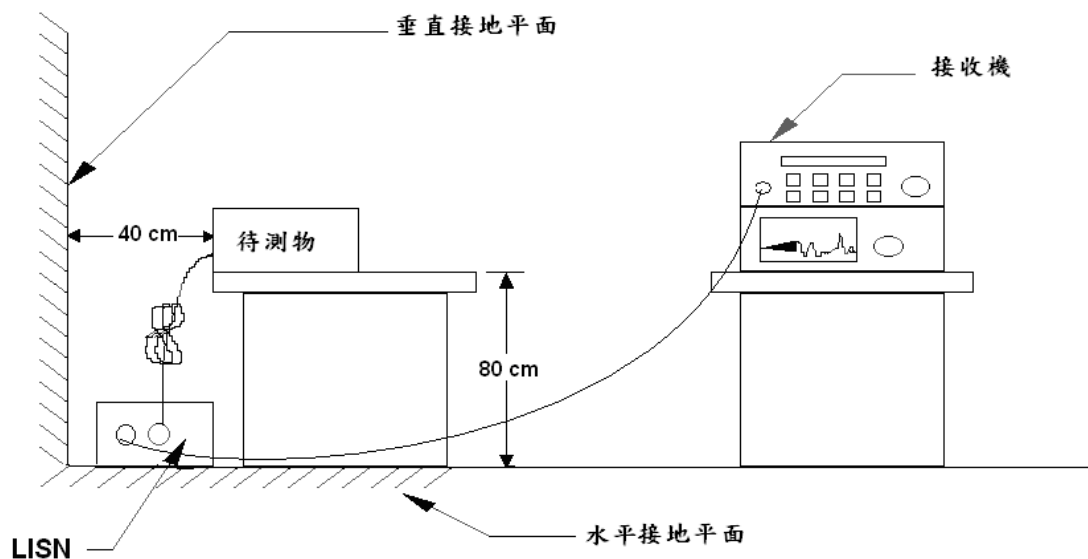
干擾值之計算

電源傳導干擾電壓之計算公式如下

結果值 = 儀器讀值(QP/AV) + 校正因子

其中校正因子為：饋線損失 + 電源阻抗模擬網路損失

測試架構圖：



測試結果: 不適用，此產品透過車用電池供電。

4.2 2.4 GHz 檢驗項目

4.2.1 場強輻射之量測

合格標準:

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

依據 NCC 低功率射頻電機技術規範第 2.7 節之規定,禁用頻段如下：

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

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

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

測試方法：

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

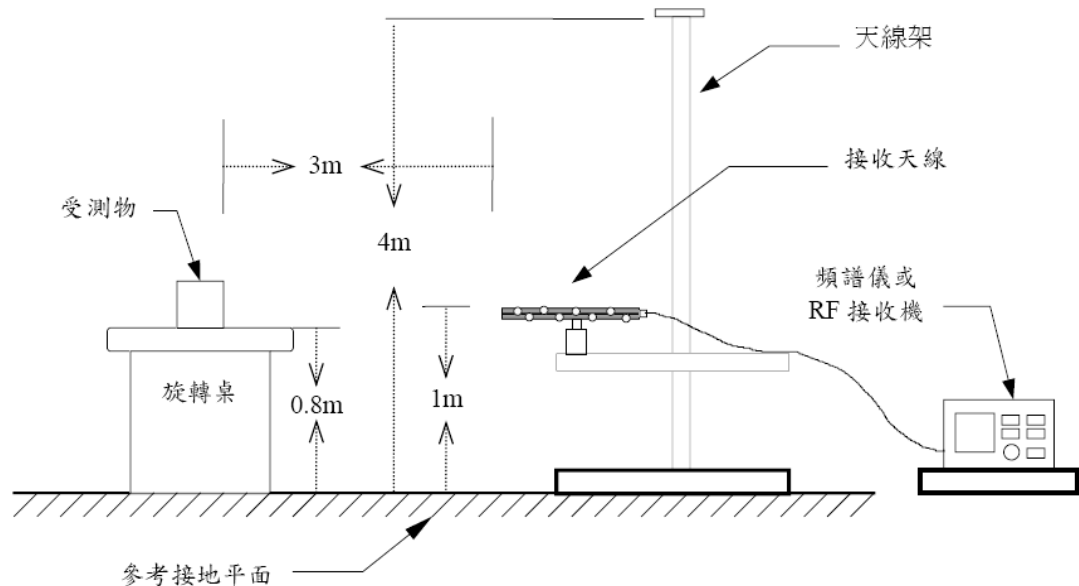
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

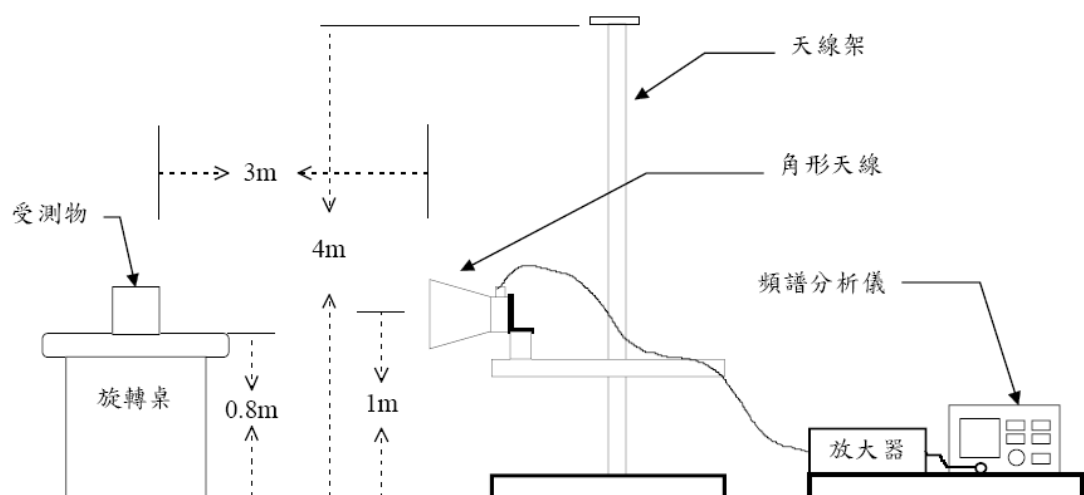
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



量測頻率高於 1 GHz 以上之測試配置



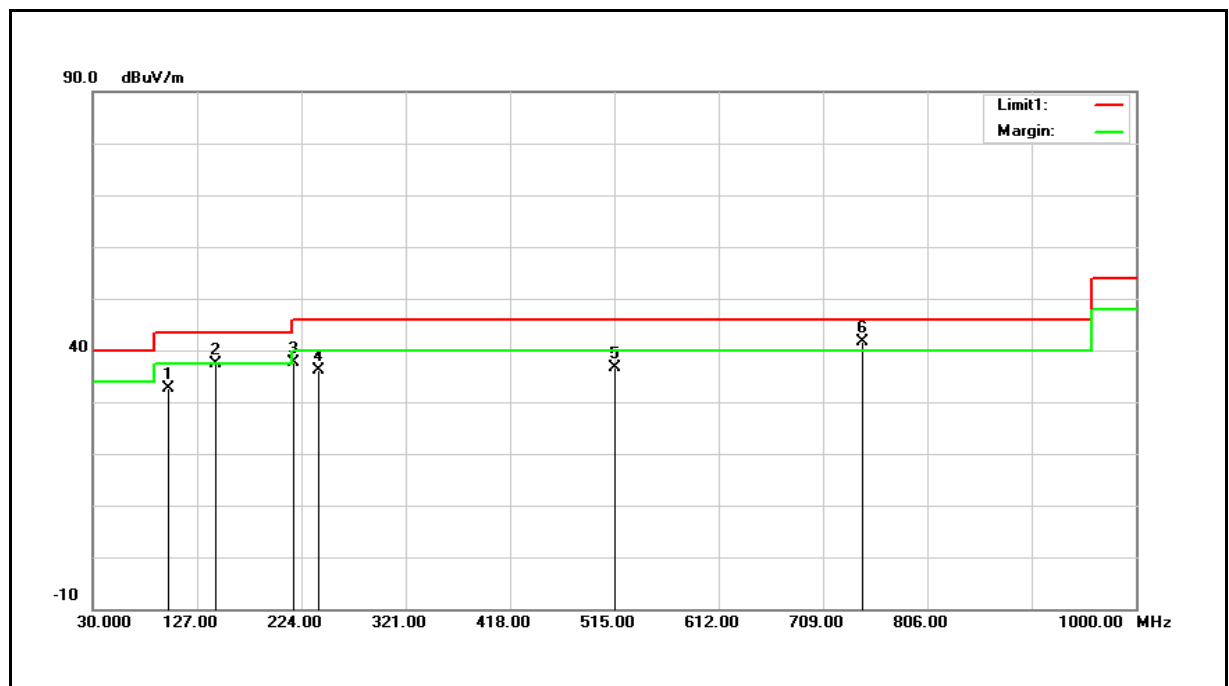
測試結果：

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

場強輻射之量測依據輸出峰值功率之量測結果取其最大值之操作模式為場強輻射測試模式。

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Test Mode:	Mode 1		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	99.8400	43.81	-11.19	32.62	43.50	-10.88	QP
2	144.4600	43.24	-5.92	37.32	43.50	-6.18	QP
3	216.2400	45.00	-7.44	37.56	46.00	-8.44	QP
4	240.4900	42.16	-6.06	36.10	46.00	-9.90	QP
5	515.9700	36.18	0.44	36.62	46.00	-9.38	QP
6	745.8600	36.12	5.44	41.56	46.00	-4.44	QP

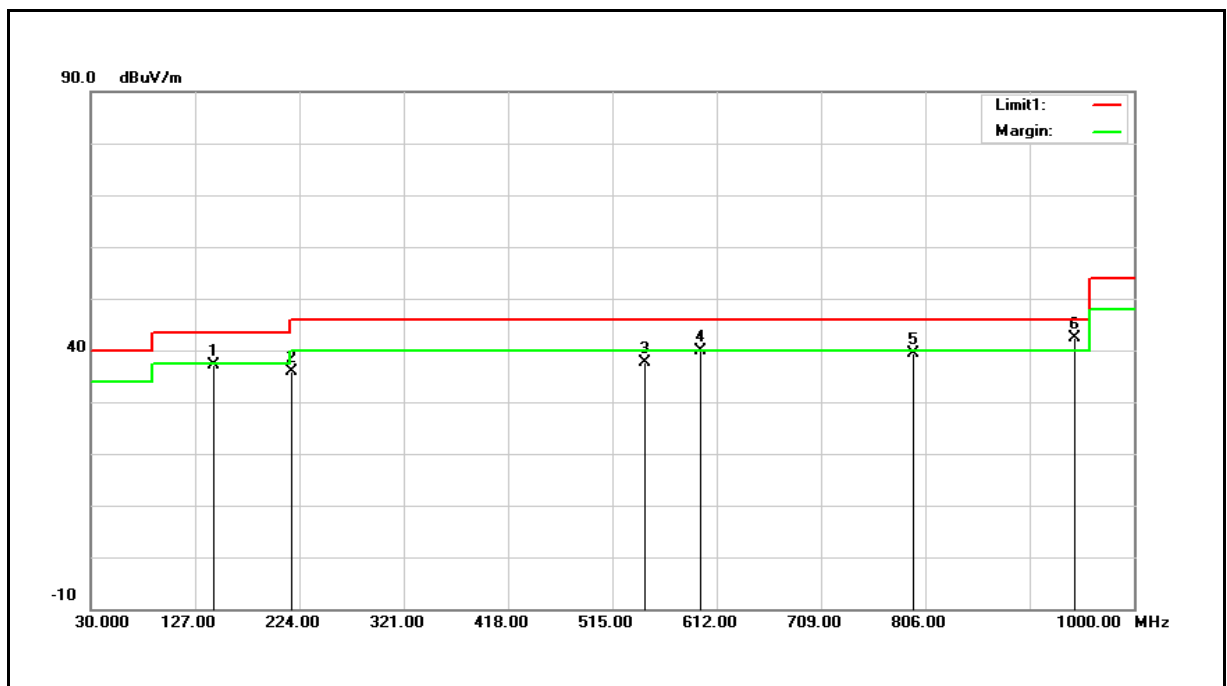
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: 32.62 = -11.19 + 43.81

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	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Test Mode:	Mode 1		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	144.4600	43.12	-5.92	37.20	43.50	-6.30	QP
2	216.2400	43.29	-7.44	35.85	46.00	-10.15	QP
3	545.0700	36.76	0.97	37.73	46.00	-8.27	QP
4	596.4800	37.57	2.38	39.95	46.00	-6.05	QP
5	795.3300	33.27	6.17	39.44	46.00	-6.56	QP
6	944.7100	33.74	8.75	42.49	46.00	-3.51	QP

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

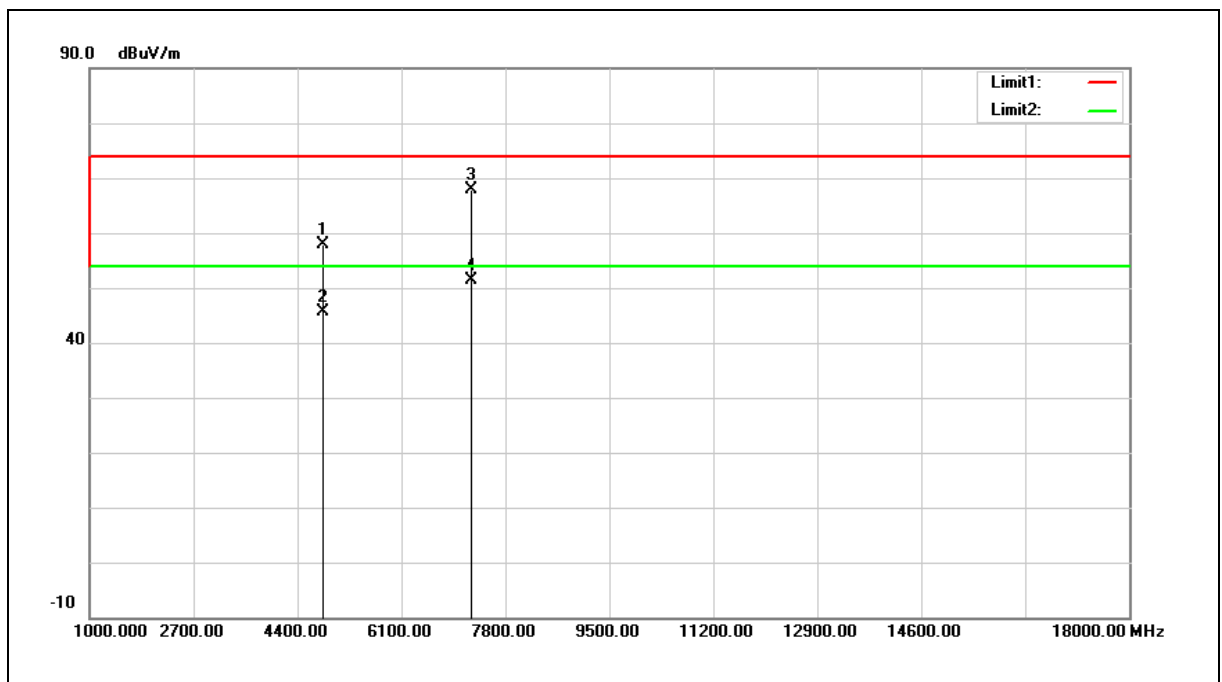
Example: 37.20= -5.92+43.12

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

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

場強輻射量側 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	52.58	5.37	57.95	74.00	-16.05	peak
2	4824.000	40.18	5.37	45.55	54.00	-8.45	AVG
3	7236.000	55.97	11.90	67.87	74.00	-6.13	peak
4	7236.000	39.36	11.90	51.26	54.00	-2.74	AVG

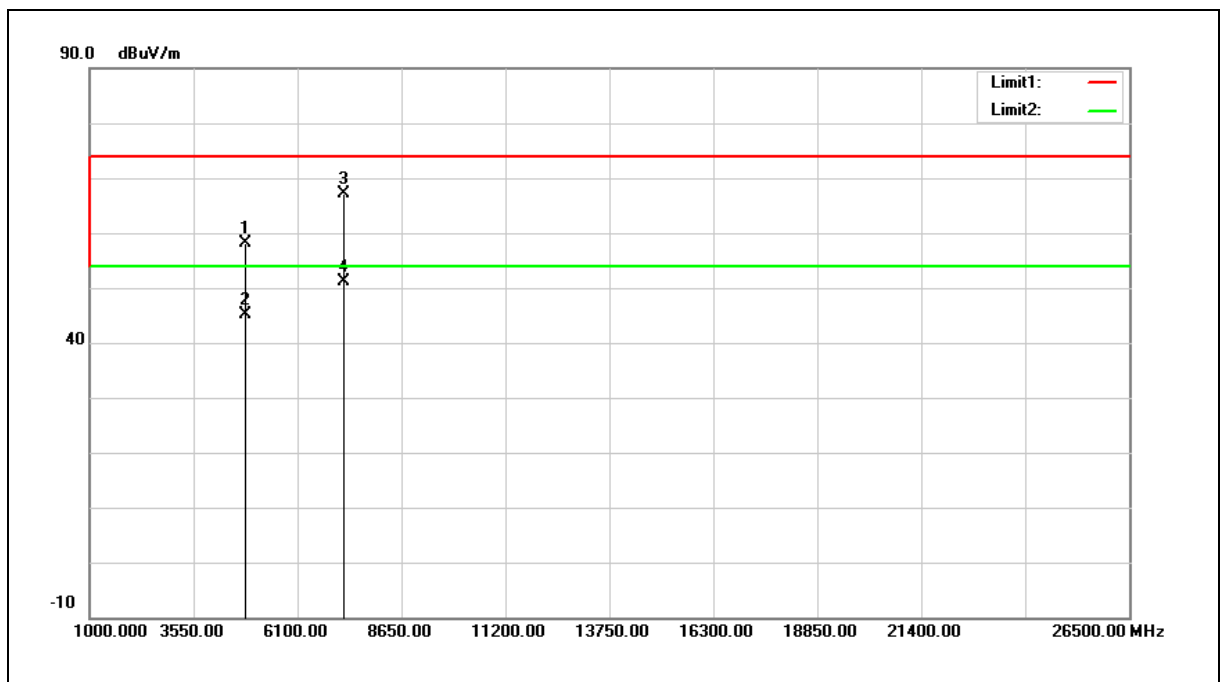
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: 57.95 = 5.37 + 52.58

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	52.87	5.37	58.24	74.00	-15.76	peak
2	4824.000	39.88	5.37	45.25	54.00	-8.75	AVG
3	7236.000	55.24	11.90	67.14	74.00	-6.86	peak
4	7236.000	39.11	11.90	51.01	54.00	-2.99	AVG

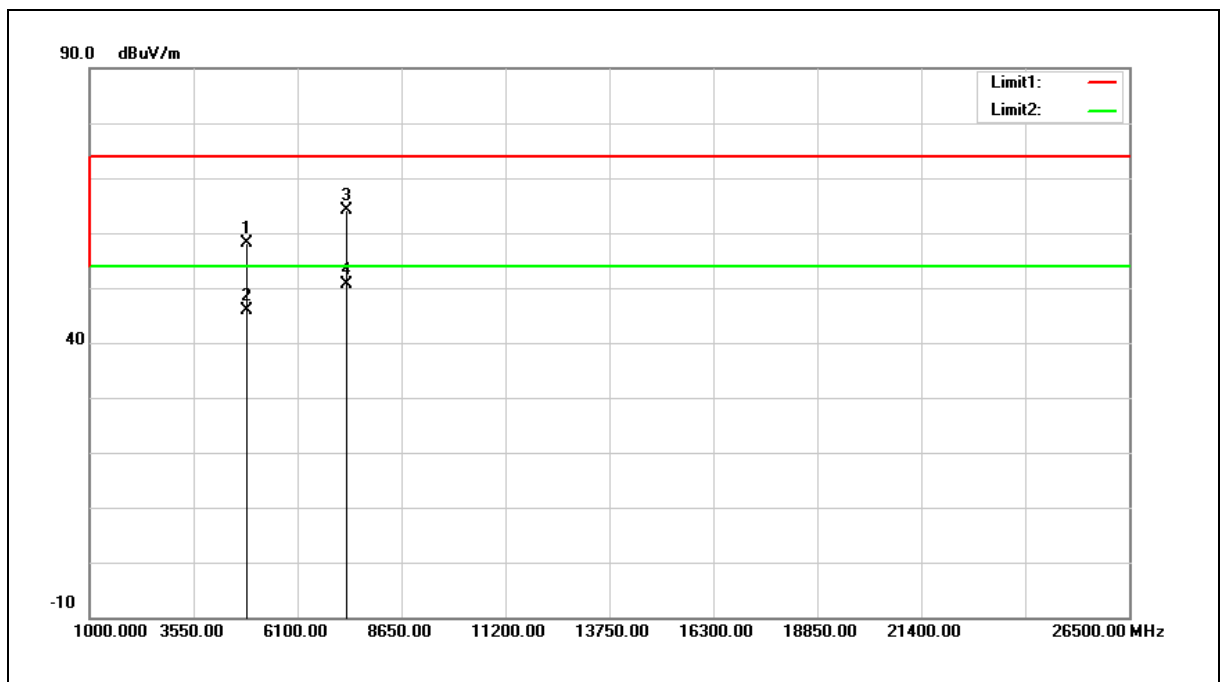
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 58.24= 5.37+52.87

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	Power:	DC 12 V
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



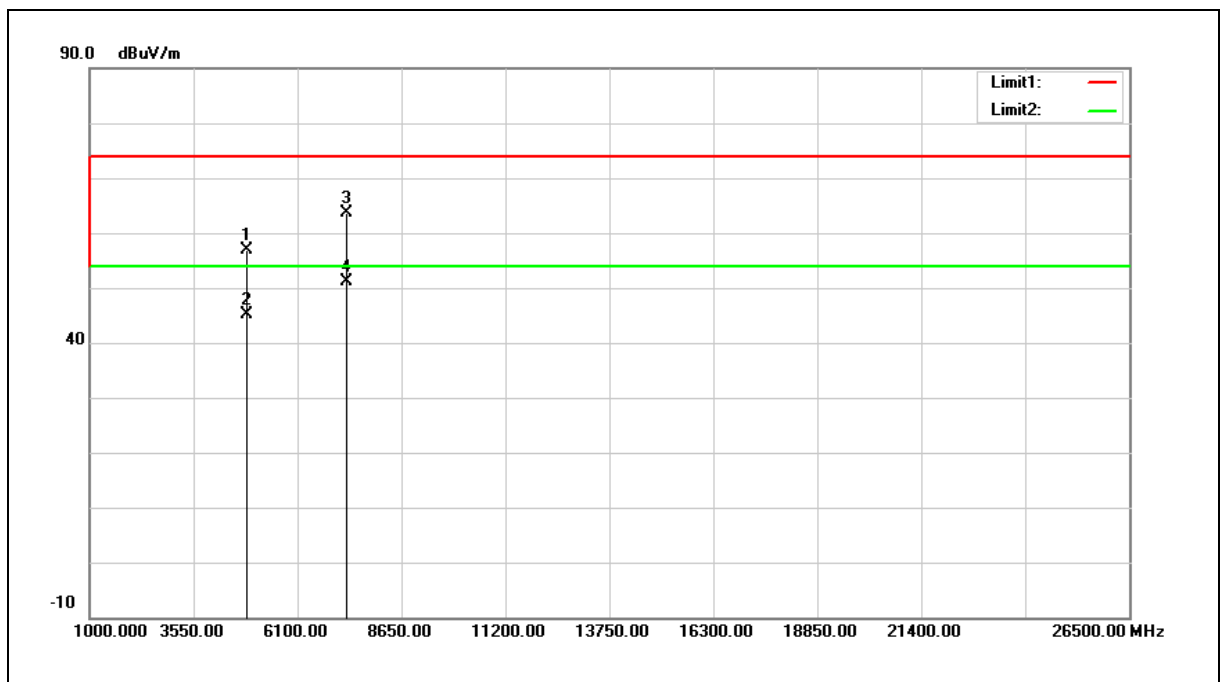
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	52.72	5.47	58.19	74.00	-15.81	peak
2	4874.000	40.33	5.47	45.80	54.00	-8.20	AVG
3	7311.000	52.04	12.13	64.17	74.00	-9.83	peak
4	7311.000	38.42	12.13	50.55	54.00	-3.45	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



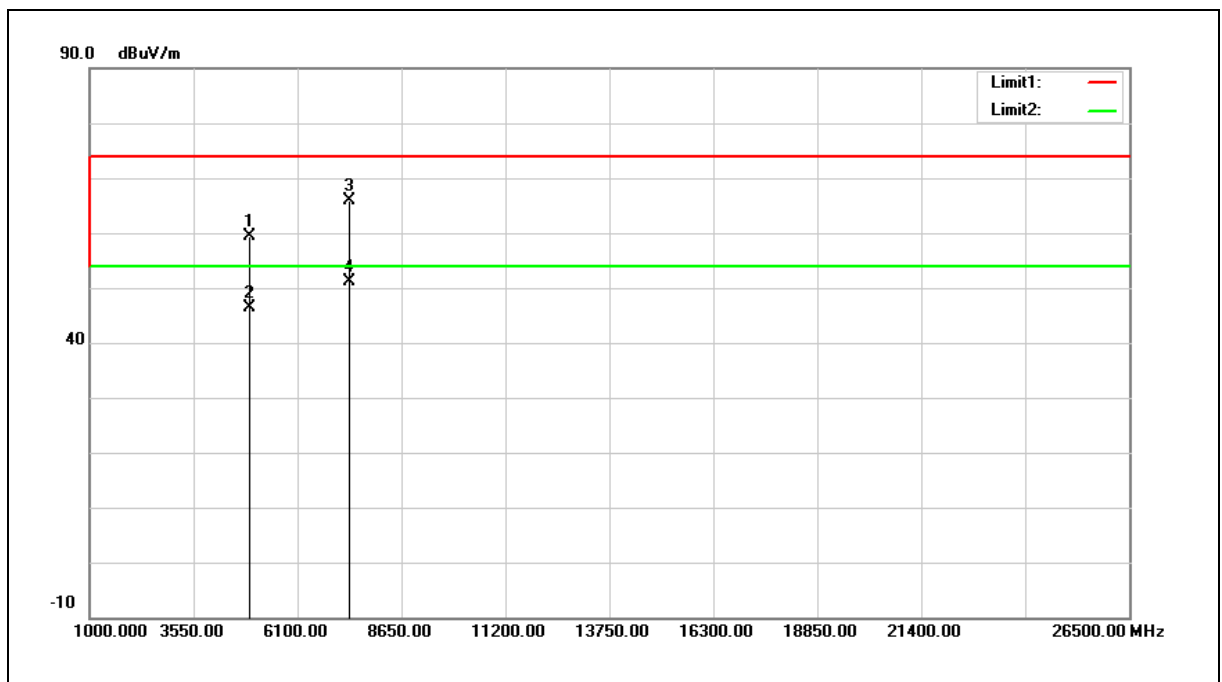
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	51.30	5.47	56.77	74.00	-17.23	peak
2	4874.000	39.69	5.47	45.16	54.00	-8.84	AVG
3	7311.000	51.52	12.13	63.65	74.00	-10.35	peak
4	7311.000	39.08	12.13	51.21	54.00	-2.79	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



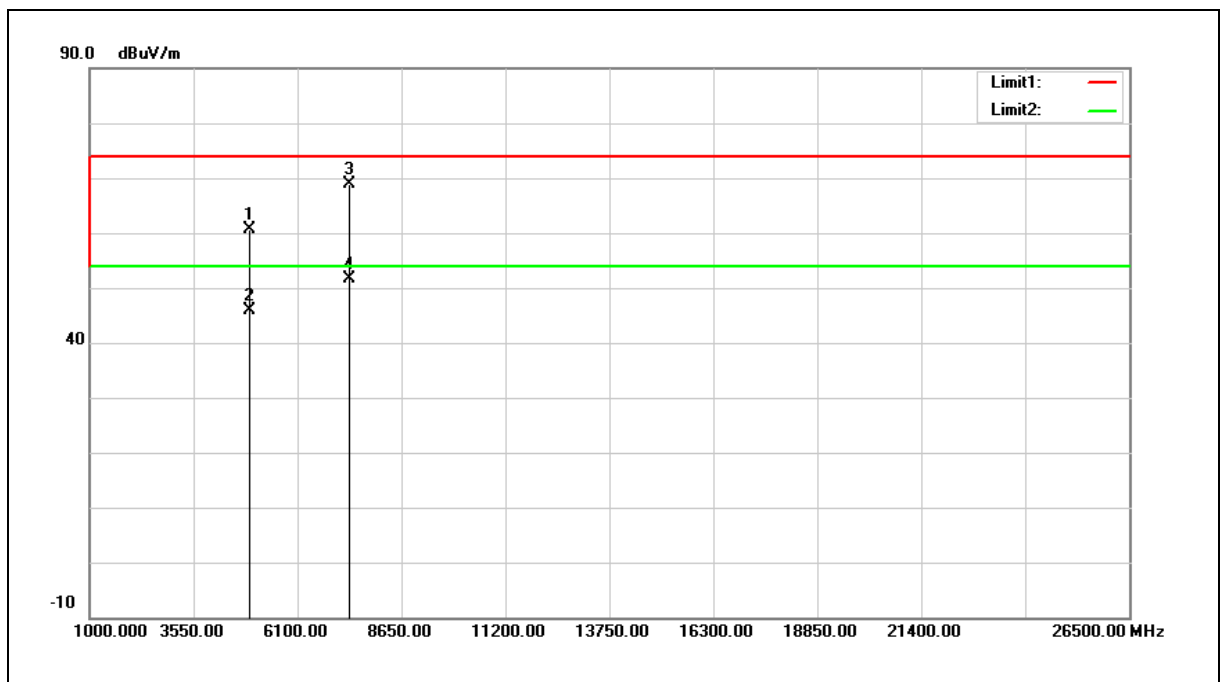
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	53.80	5.58	59.38	74.00	-14.62	peak
2	4924.000	40.71	5.58	46.29	54.00	-7.71	AVG
3	7386.000	53.41	12.36	65.77	74.00	-8.23	peak
4	7386.000	38.69	12.36	51.05	54.00	-2.95	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



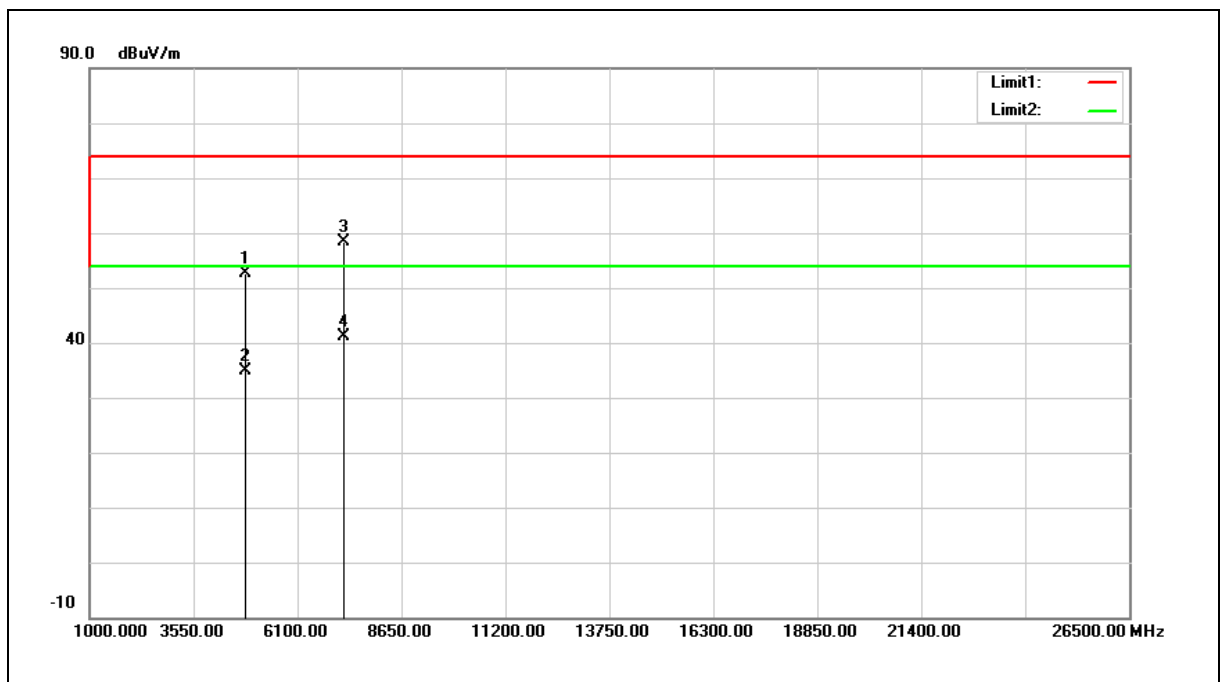
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	55.11	5.58	60.69	74.00	-13.31	peak
2	4924.000	40.34	5.58	45.92	54.00	-8.08	AVG
3	7386.000	56.43	12.36	68.79	74.00	-5.21	peak
4	7386.000	39.17	12.36	51.53	54.00	-2.47	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



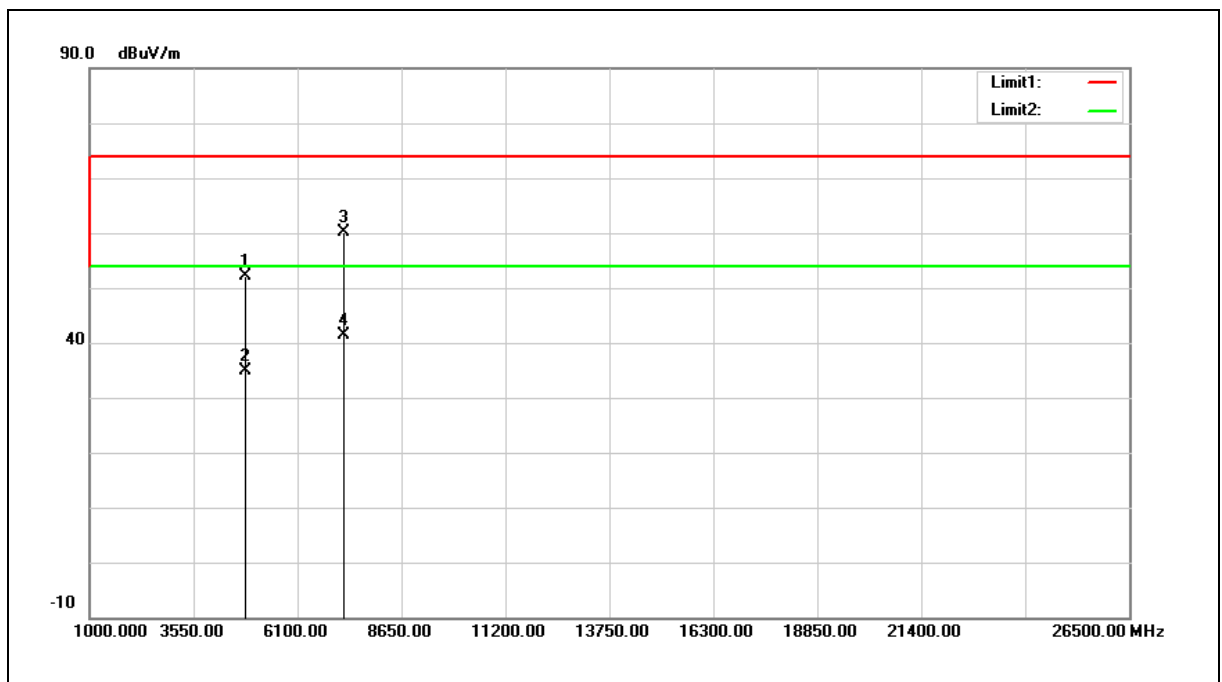
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	47.19	5.37	52.56	74.00	-21.44	peak
2	4824.000	29.55	5.37	34.92	54.00	-19.08	AVG
3	7236.000	46.47	11.90	58.37	74.00	-15.63	peak
4	7236.000	29.24	11.90	41.14	54.00	-12.86	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



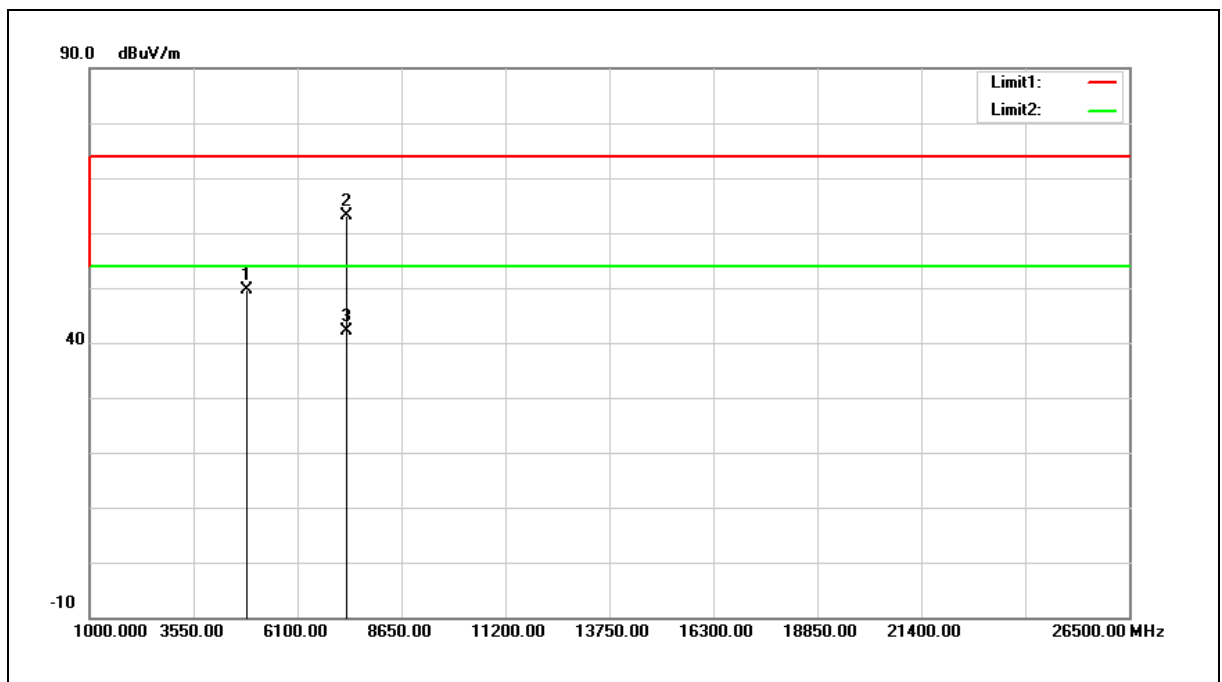
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	46.80	5.37	52.17	74.00	-21.83	peak
2	4824.000	29.58	5.37	34.95	54.00	-19.05	AVG
3	7236.000	48.27	11.90	60.17	74.00	-13.83	peak
4	7236.000	29.50	11.90	41.40	54.00	-12.60	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



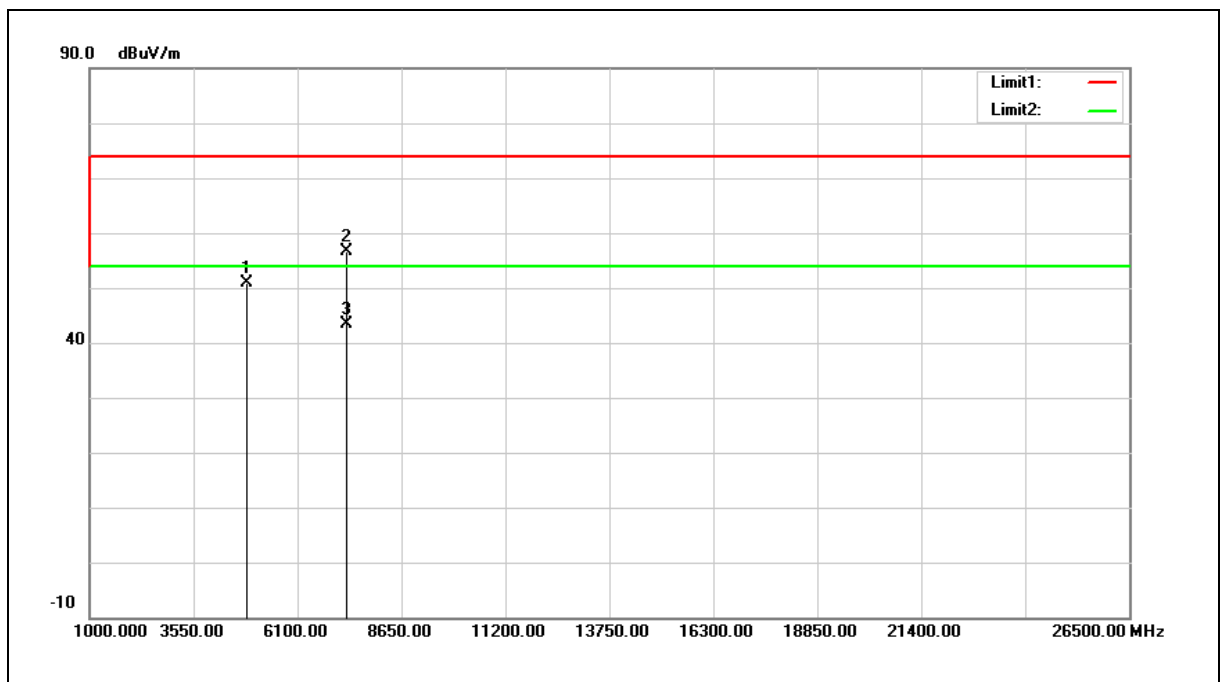
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	44.19	5.47	49.66	74.00	-24.34	peak
2	7311.000	50.98	12.13	63.11	74.00	-10.89	peak
3	7311.000	30.05	12.13	42.18	54.00	-11.82	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



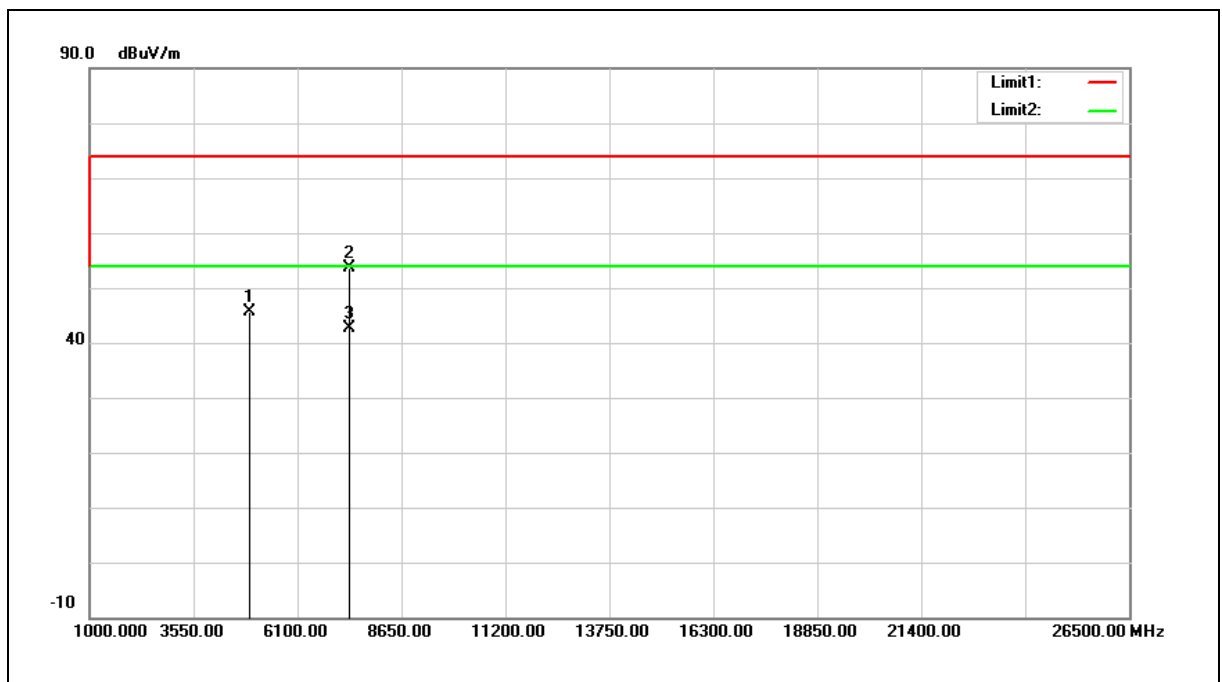
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	45.51	5.47	50.98	74.00	-23.02	peak
2	7311.000	44.62	12.13	56.75	74.00	-17.25	peak
3	7311.000	31.21	12.13	43.34	54.00	-10.66	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



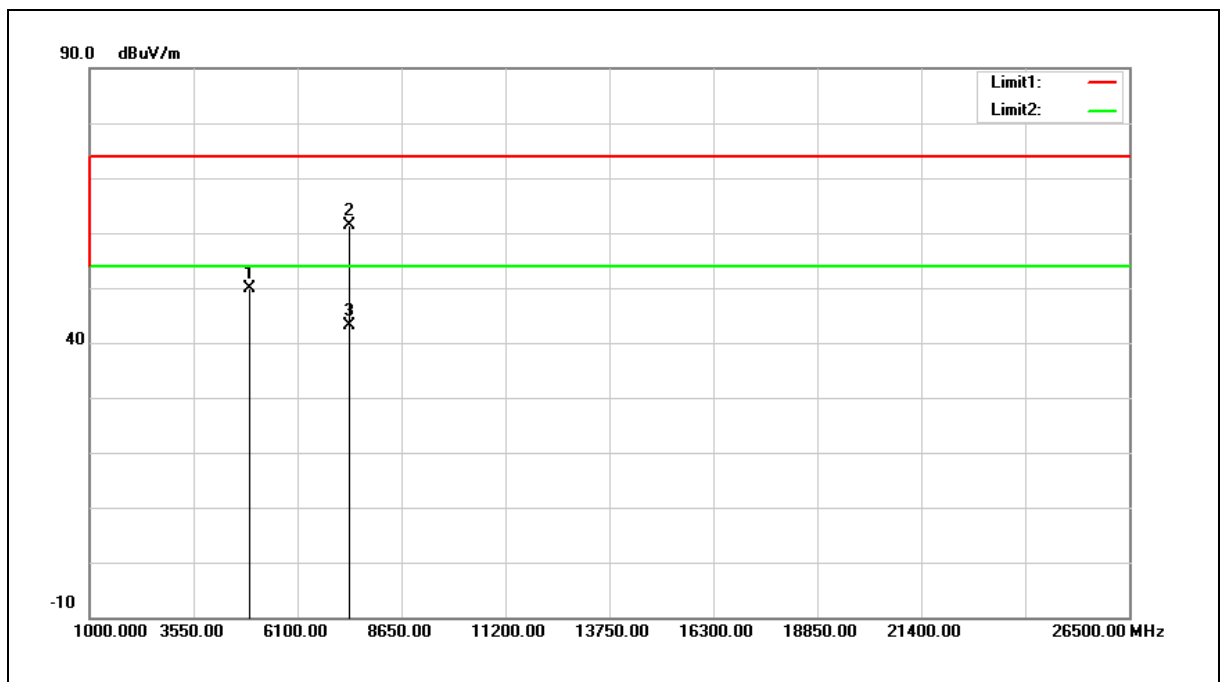
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.05	5.58	45.63	74.00	-28.37	peak
2	7386.000	41.29	12.36	53.65	74.00	-20.35	peak
3	7386.000	30.26	12.36	42.62	54.00	-11.38	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



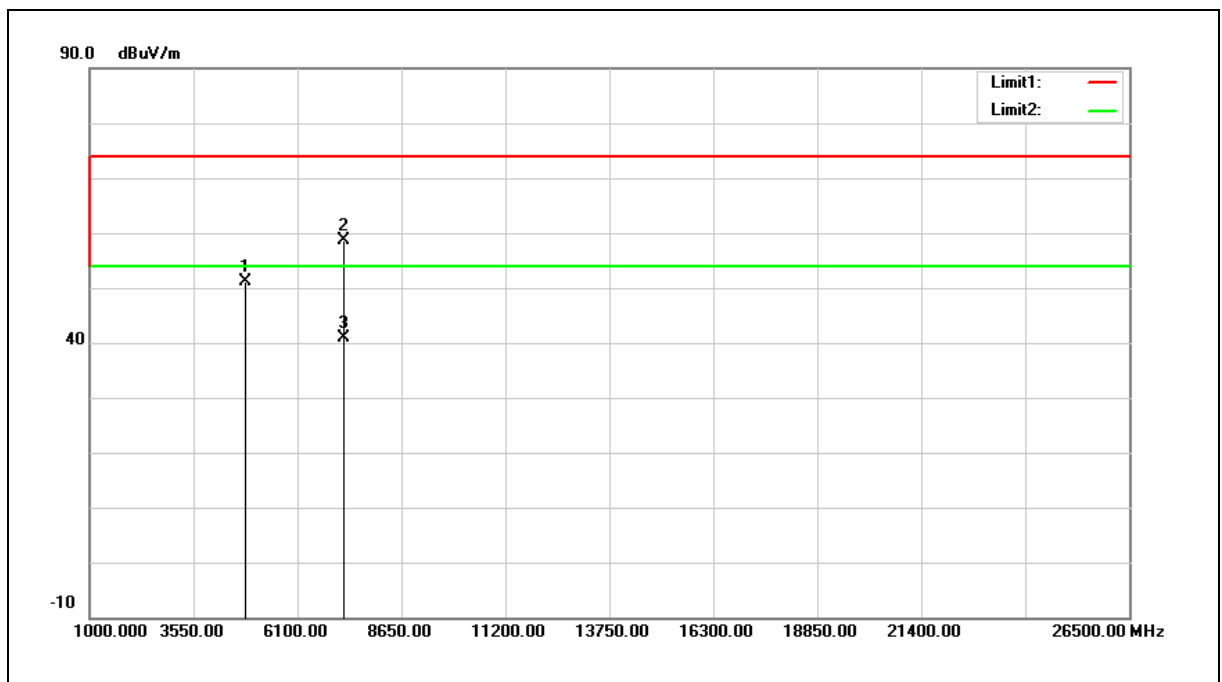
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	44.37	5.58	49.95	74.00	-24.05	peak
2	7386.000	49.12	12.36	61.48	74.00	-12.52	peak
3	7386.000	30.85	12.36	43.21	54.00	-10.79	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



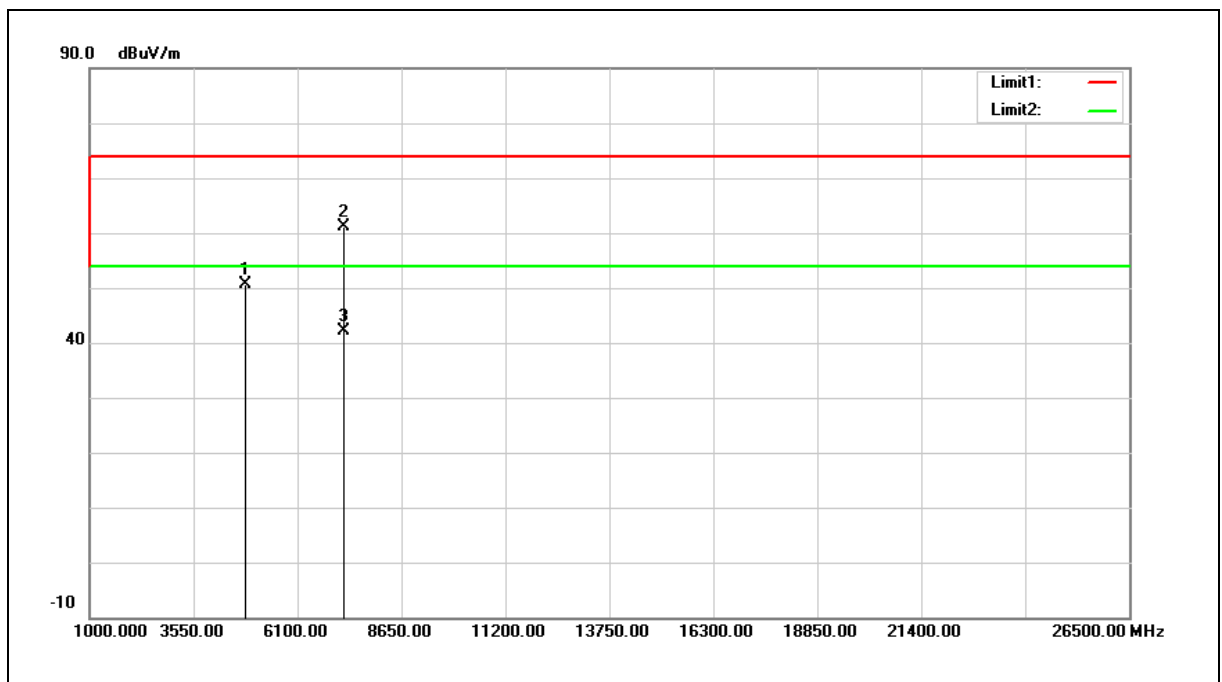
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	45.80	5.37	51.17	74.00	-22.83	peak
2	7236.000	46.85	11.90	58.75	74.00	-15.25	peak
3	7236.000	28.94	11.90	40.84	54.00	-13.16	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



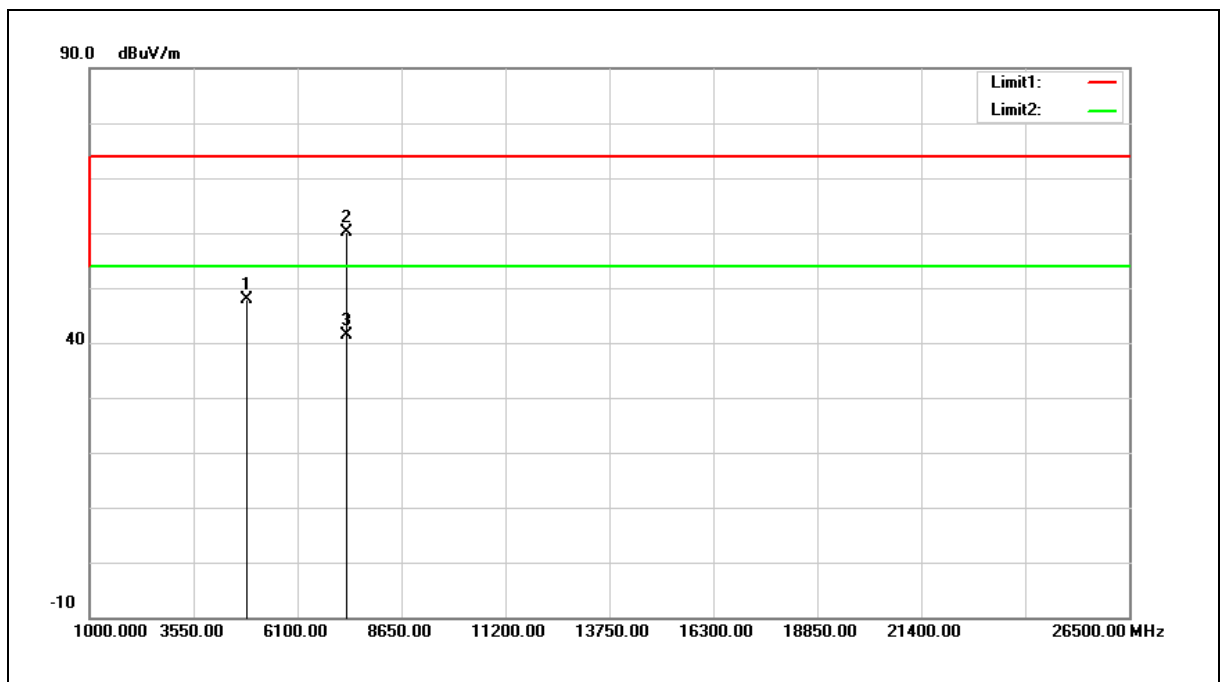
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	45.21	5.37	50.58	74.00	-23.42	peak
2	7236.000	49.17	11.90	61.07	74.00	-12.93	peak
3	7236.000	30.13	11.90	42.03	54.00	-11.97	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



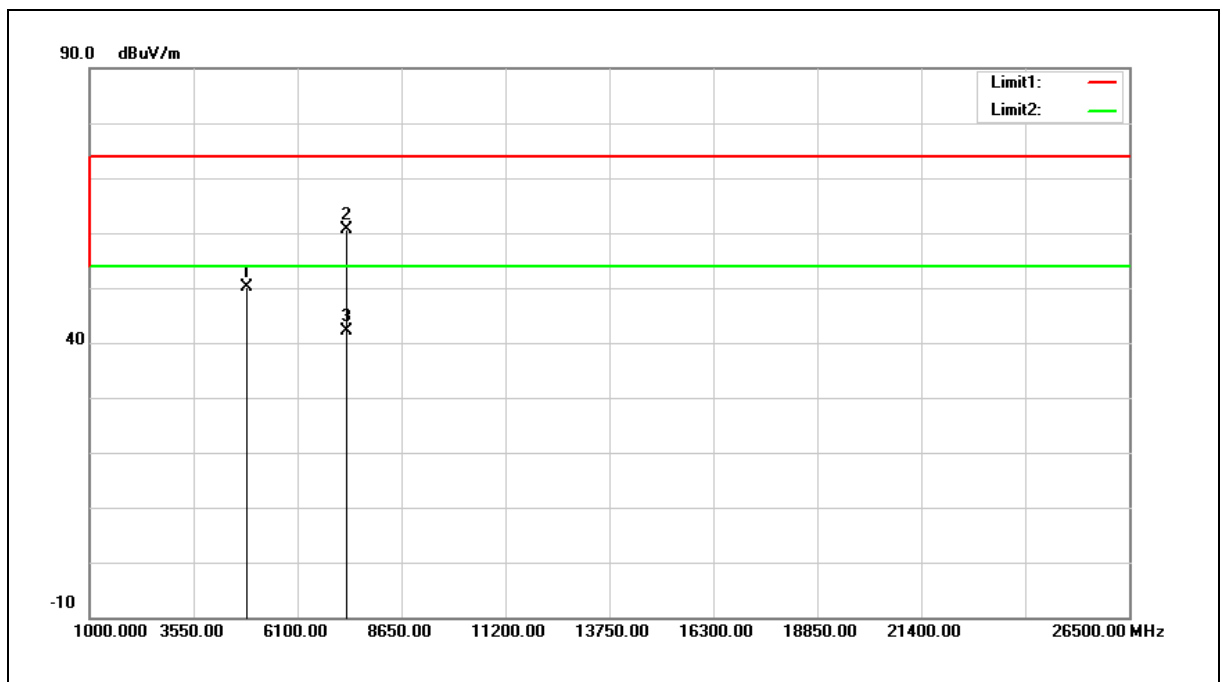
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	42.40	5.47	47.87	74.00	-26.13	peak
2	7311.000	48.02	12.13	60.15	74.00	-13.85	peak
3	7311.000	29.13	12.13	41.26	54.00	-12.74	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



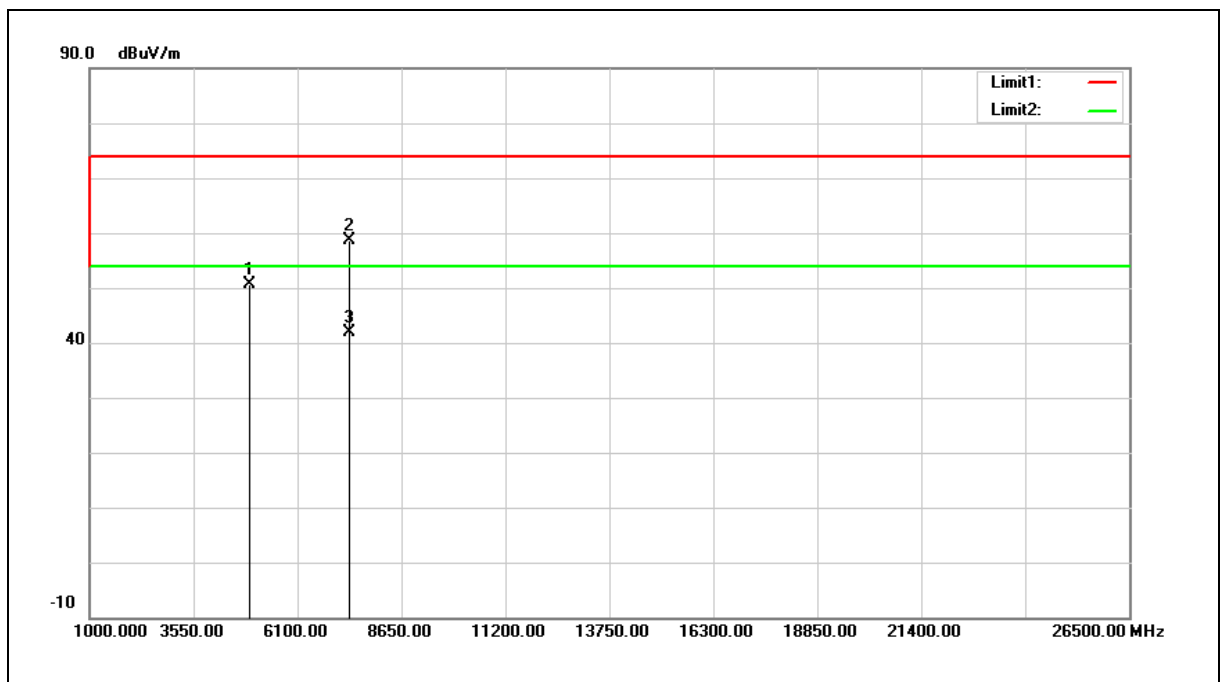
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	44.73	5.47	50.20	74.00	-23.80	peak
2	7311.000	48.61	12.13	60.74	74.00	-13.26	peak
3	7311.000	30.11	12.13	42.24	54.00	-11.76	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



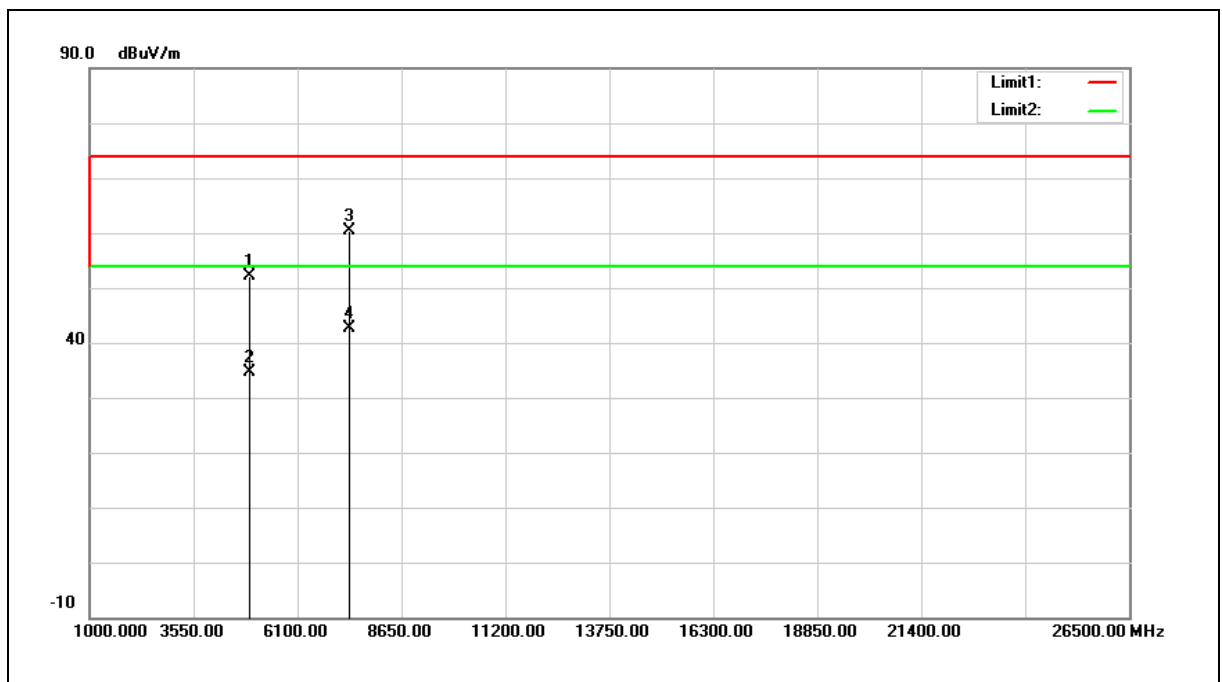
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	45.10	5.58	50.68	74.00	-23.32	peak
2	7386.000	46.20	12.36	58.56	74.00	-15.44	peak
3	7386.000	29.40	12.36	41.76	54.00	-12.24	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



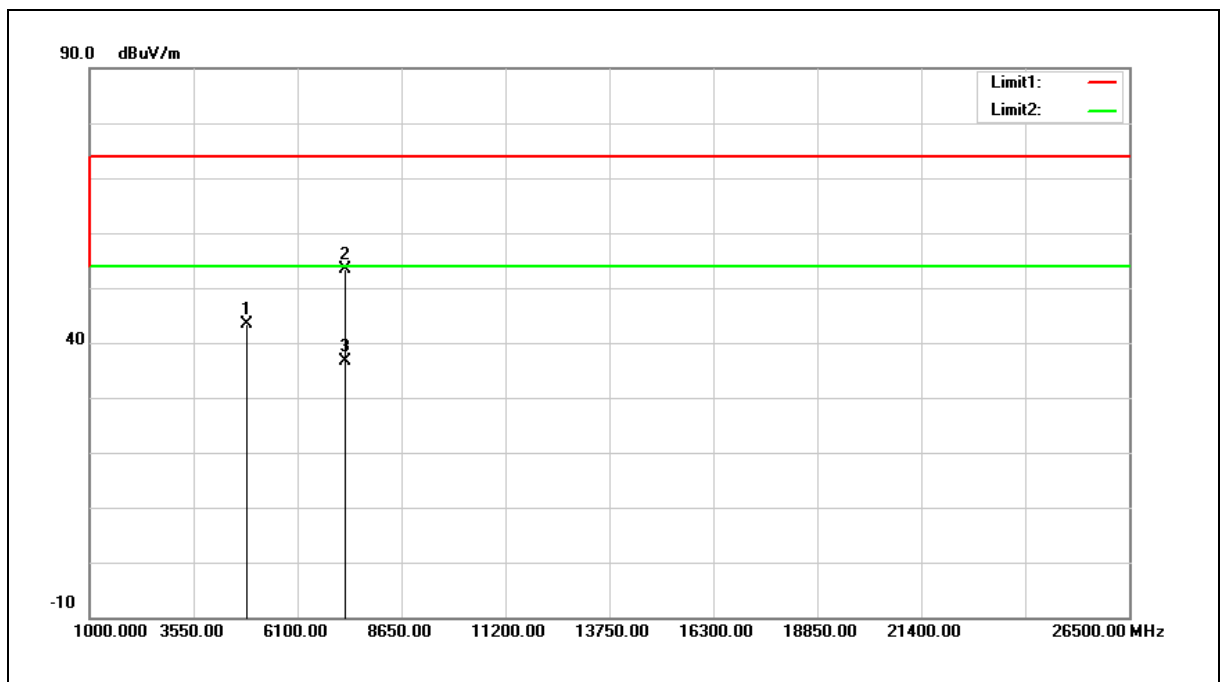
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	46.54	5.58	52.12	74.00	-21.88	peak
2	4924.000	29.04	5.58	34.62	54.00	-19.38	AVG
3	7386.000	47.97	12.36	60.33	74.00	-13.67	peak
4	7386.000	30.36	12.36	42.72	54.00	-11.28	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



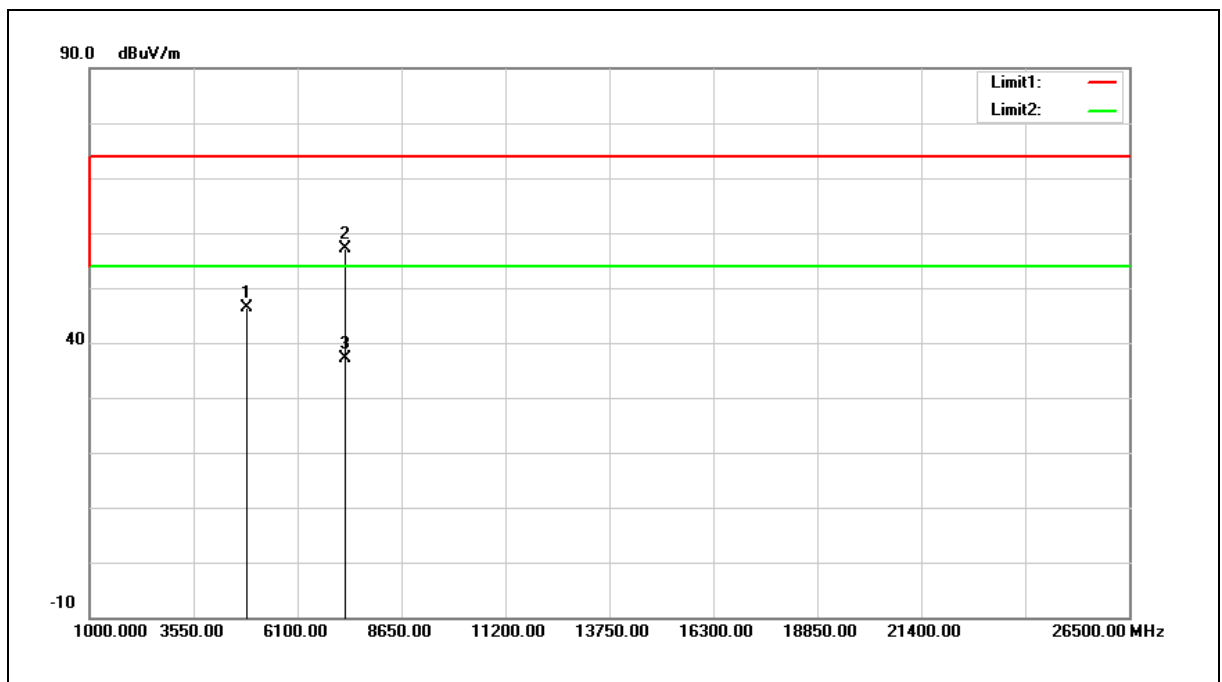
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	37.87	5.42	43.29	74.00	-30.71	peak
2	7266.000	41.52	11.98	53.50	74.00	-20.50	peak
3	7266.000	24.60	11.98	36.58	54.00	-17.42	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



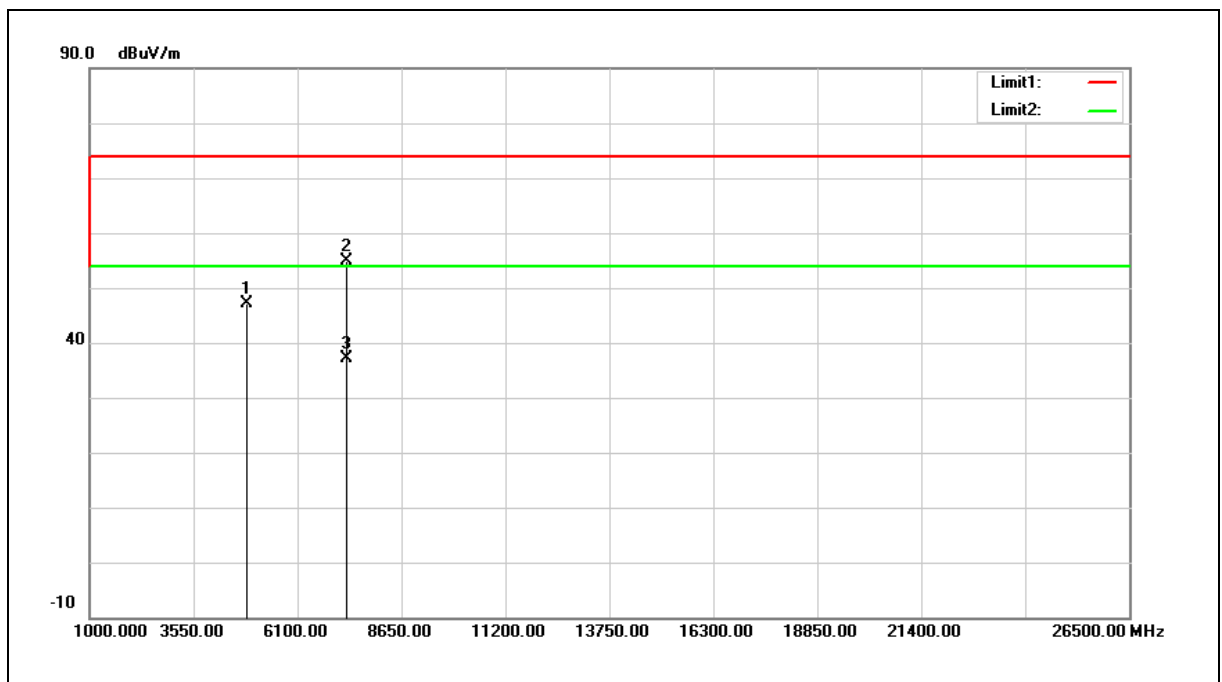
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	40.85	5.42	46.27	74.00	-27.73	peak
2	7266.000	45.27	11.98	57.25	74.00	-16.75	peak
3	7266.000	25.14	11.98	37.12	54.00	-16.88	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



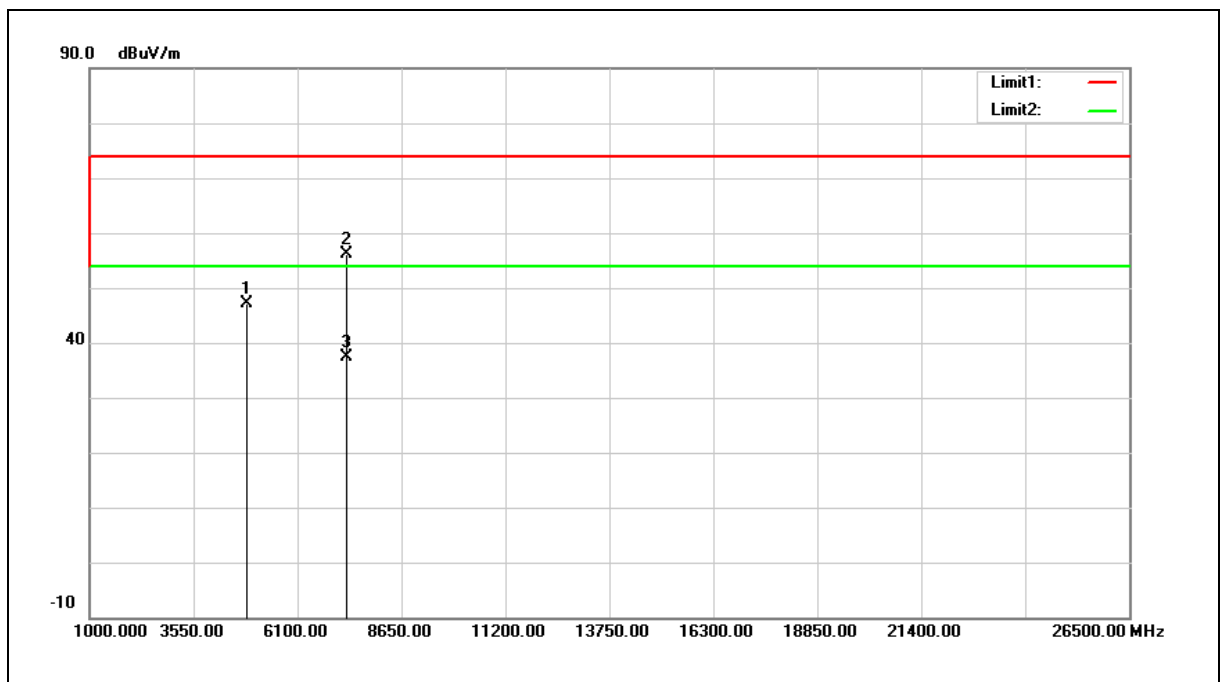
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	41.69	5.47	47.16	74.00	-26.84	peak
2	7311.000	42.72	12.13	54.85	74.00	-19.15	peak
3	7311.000	24.96	12.13	37.09	54.00	-16.91	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



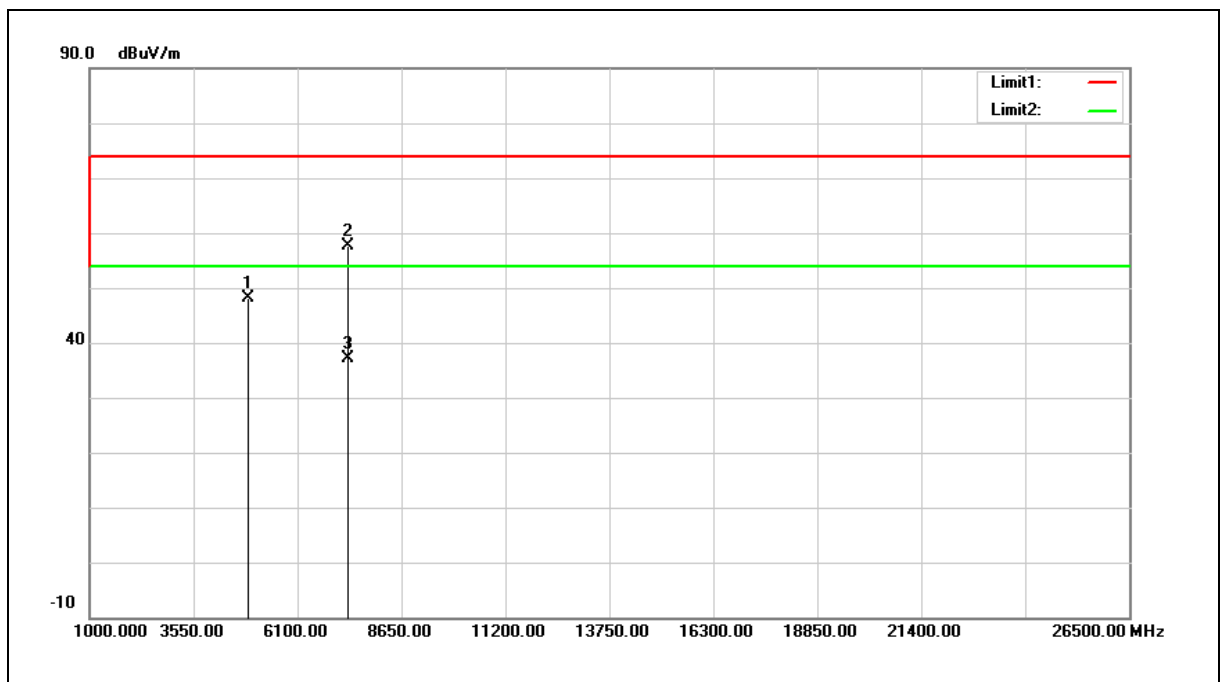
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	41.67	5.47	47.14	74.00	-26.86	peak
2	7311.000	43.96	12.13	56.09	74.00	-17.91	peak
3	7311.000	25.33	12.13	37.46	54.00	-16.54	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



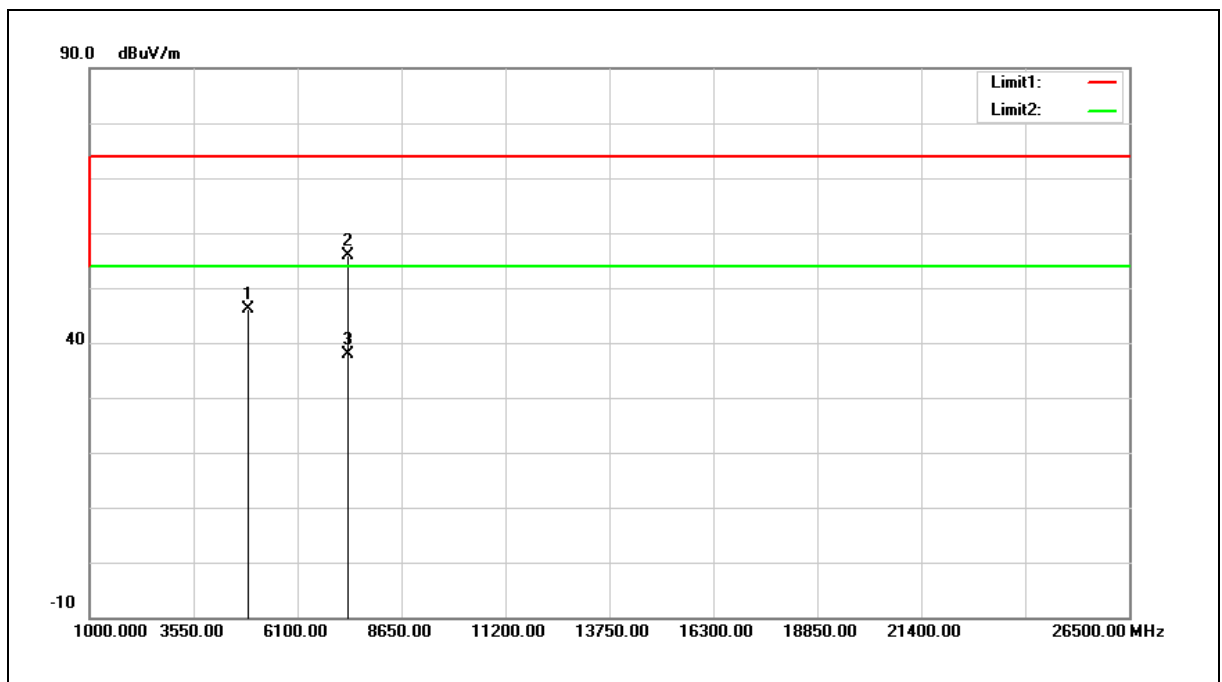
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	42.59	5.54	48.13	74.00	-25.87	peak
2	7356.000	45.32	12.25	57.57	74.00	-16.43	peak
3	7356.000	25.00	12.25	37.25	54.00	-16.75	AVG

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.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



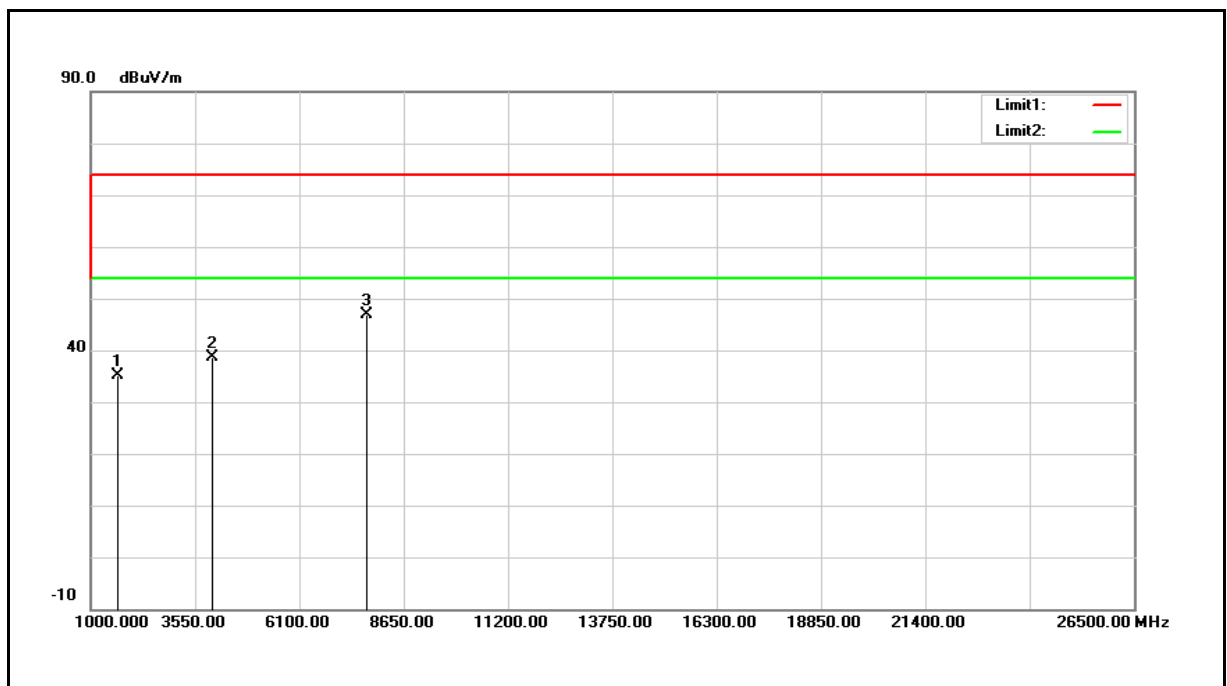
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	40.48	5.54	46.02	74.00	-27.98	peak
2	7356.000	43.56	12.25	55.81	74.00	-18.19	peak
3	7356.000	25.58	12.25	37.83	54.00	-16.17	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Test Mode:	Simultaneous Transmitting (WLAN 2.4 GHz+Bluetooth)	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



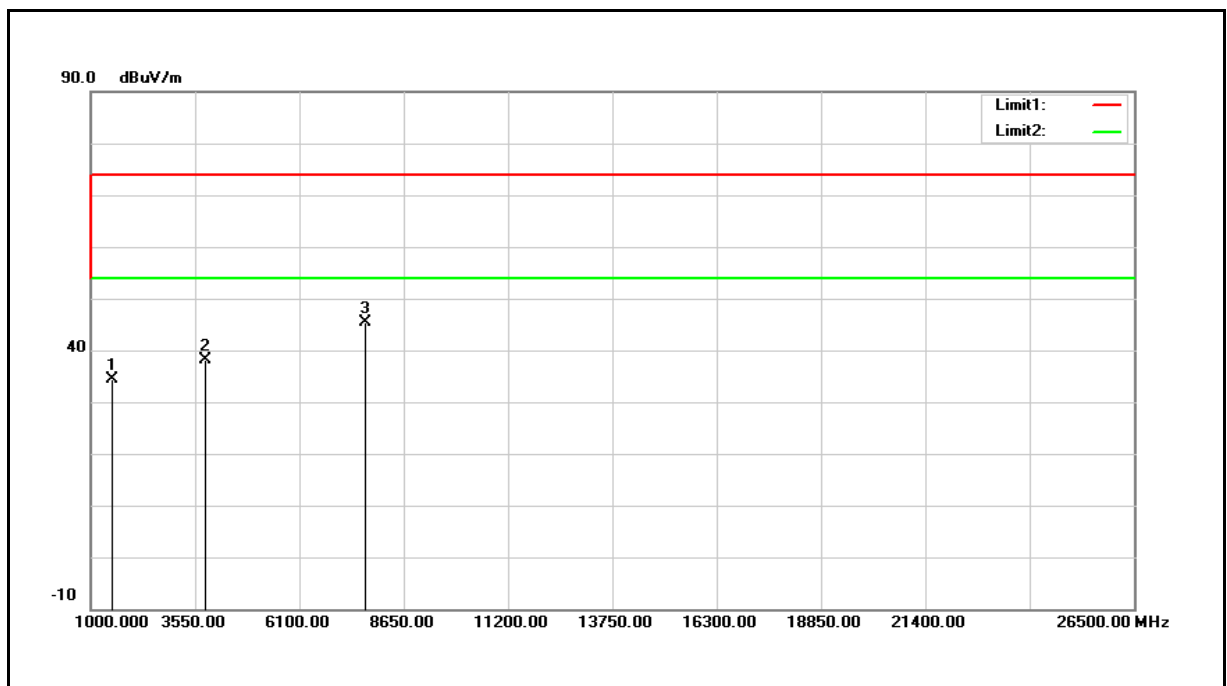
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1646.000	39.55	-4.45	35.10	74.00	-38.90	peak
2	3941.000	36.05	2.64	38.69	74.00	-35.31	peak
3	7749.000	33.84	13.11	46.95	74.00	-27.05	peak

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	Power:	DC 12 V
Test Mode:	Simultaneous Transmitting (WLAN 2.4 GHz+Bluetooth)	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		



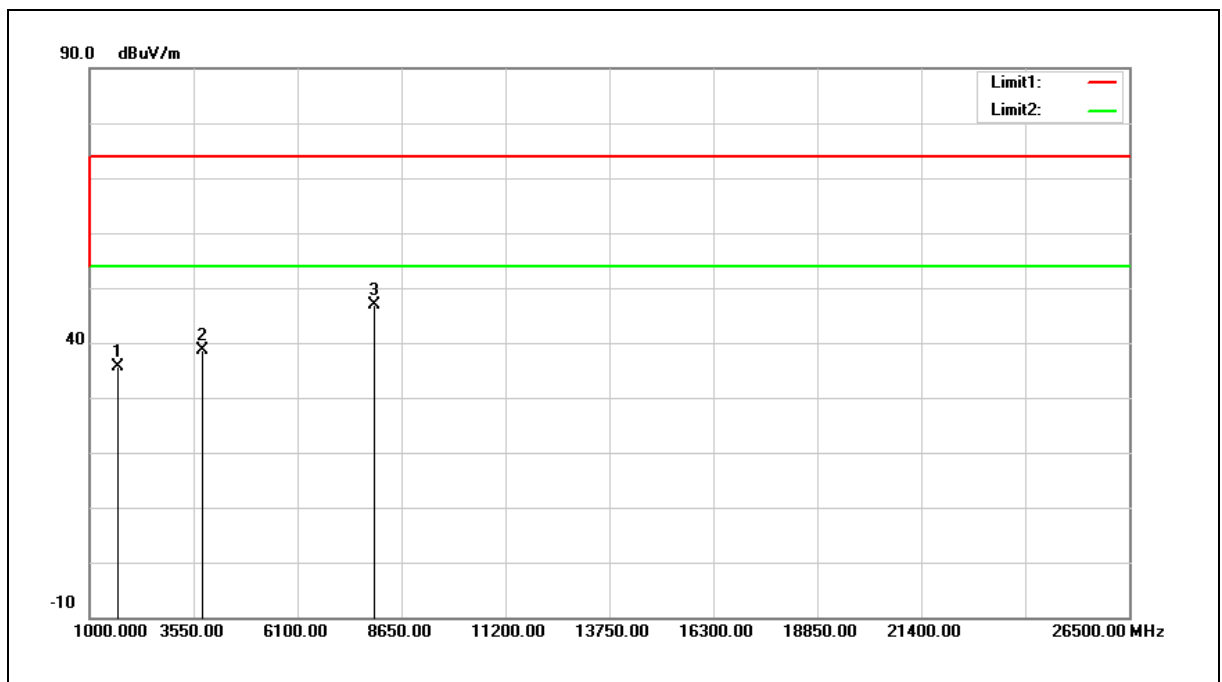
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1527.000	39.33	-4.90	34.43	74.00	-39.57	peak
2	3788.000	35.94	2.13	38.07	74.00	-35.93	peak
3	7698.000	32.35	13.02	45.37	74.00	-28.63	peak

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	Power:	DC 12 V
Mode:	Mode 10	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		
Description:			



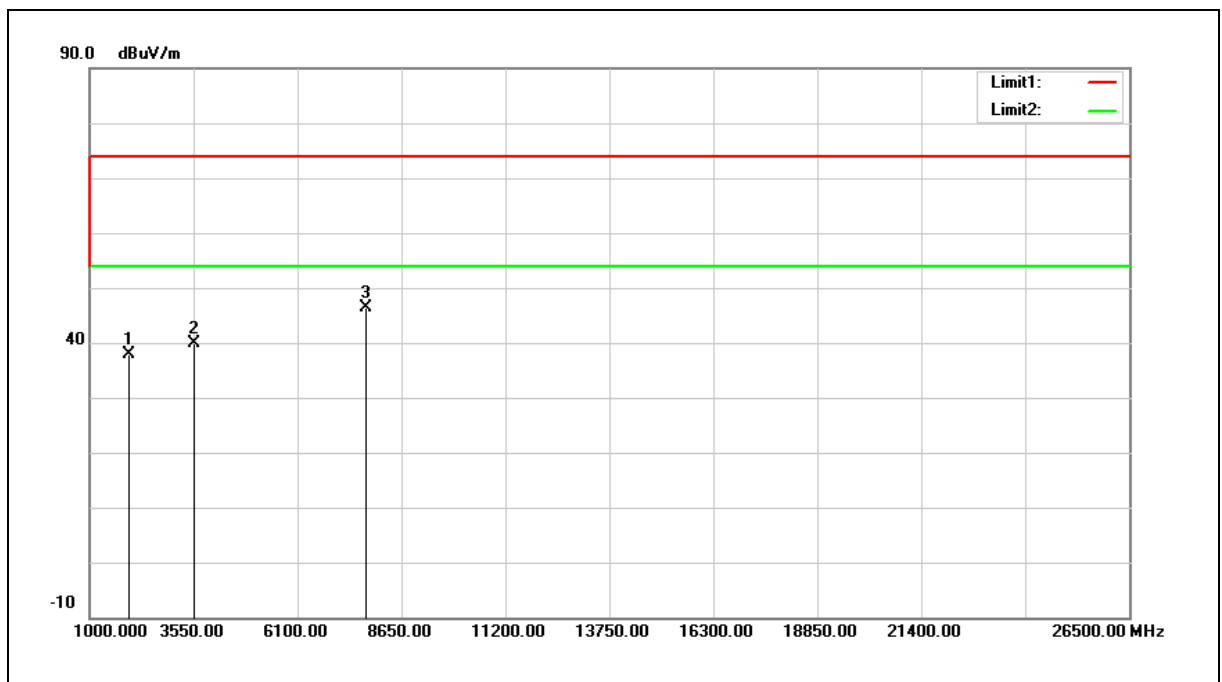
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1680.000	39.87	-4.32	35.55	74.00	-38.45	peak
2	3737.000	36.78	1.96	38.74	74.00	-35.26	peak
3	7970.000	33.28	13.48	46.76	74.00	-27.24	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Mode:	Mode 10	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1952.000	41.17	-3.27	37.90	74.00	-36.10	peak
2	3567.000	38.48	1.38	39.86	74.00	-34.14	peak
3	7783.000	33.18	13.16	46.34	74.00	-27.66	peak

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

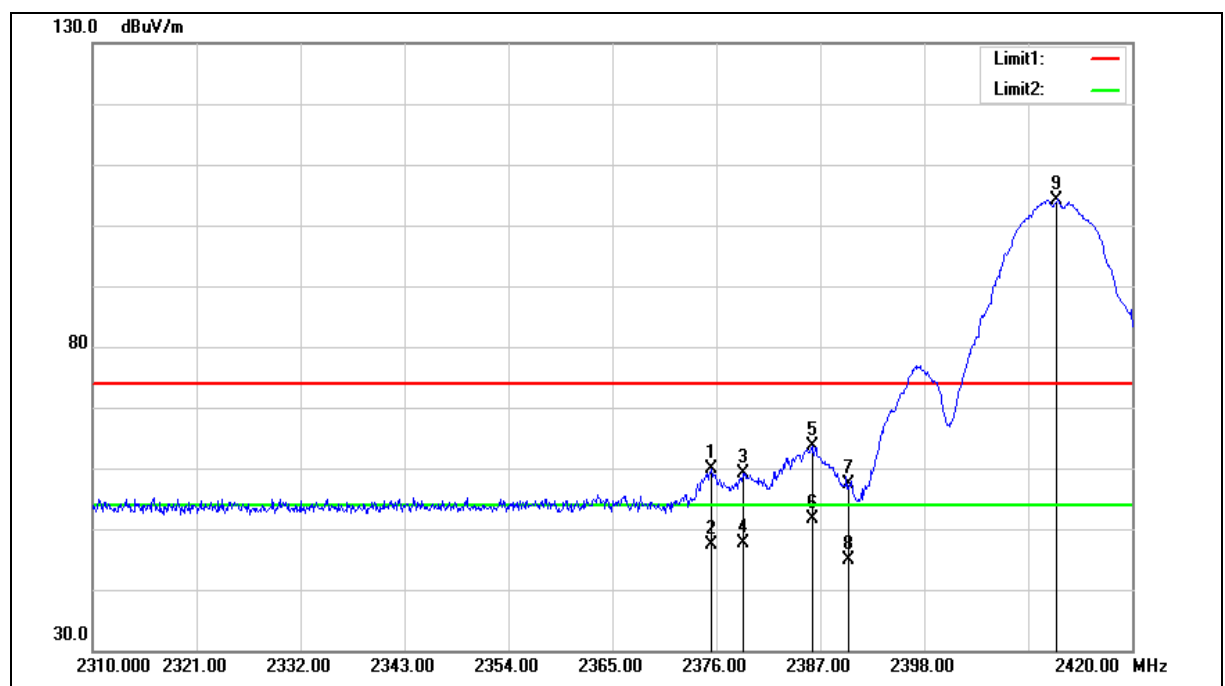
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

頻帶邊緣

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

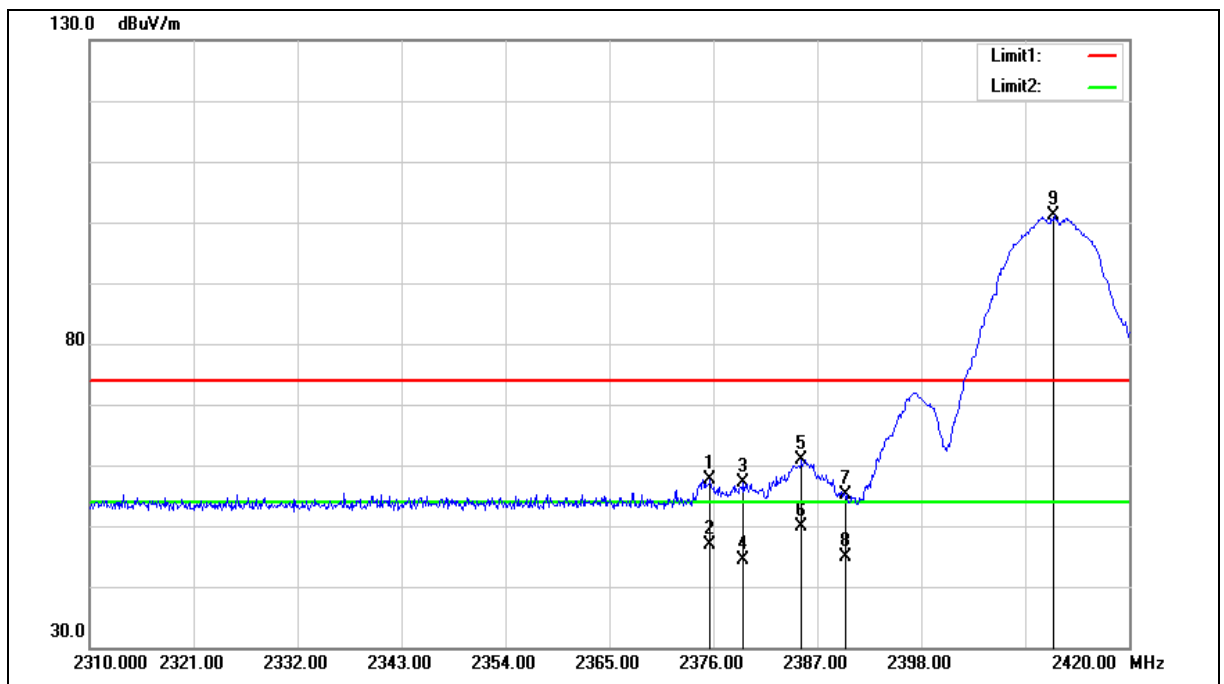
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2375.450	61.00	-1.22	59.78	74.00	-14.22	peak
2	2375.450	48.62	-1.22	47.40	54.00	-6.60	AVG
3	2378.860	60.40	-1.20	59.20	74.00	-14.80	peak
4	2378.860	48.83	-1.20	47.63	54.00	-6.37	AVG
5	2386.230	64.75	-1.18	63.57	74.00	-10.43	peak
6	2386.230	52.88	-1.18	51.70	54.00	-2.30	AVG
7	2390.000	58.51	-1.17	57.34	74.00	-16.66	peak
8	2390.000	45.94	-1.17	44.77	54.00	-9.23	AVG
9	2412.000	105.17	-1.08	104.09	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

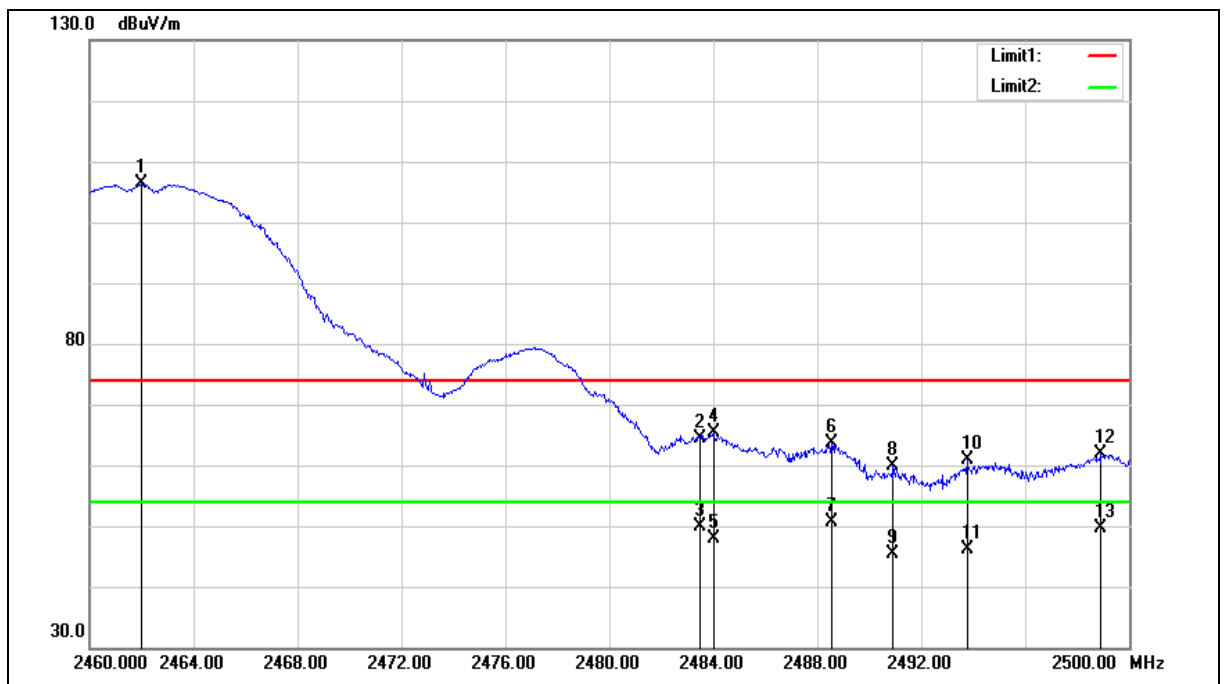
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2375.670	58.91	-1.22	57.69	74.00	-16.31	peak
2	2375.670	47.98	-1.22	46.76	54.00	-7.24	AVG
3	2379.190	58.41	-1.20	57.21	74.00	-16.79	peak
4	2379.190	45.57	-1.20	44.37	54.00	-9.63	AVG
5	2385.350	62.17	-1.19	60.98	74.00	-13.02	peak
6	2385.350	51.04	-1.19	49.85	54.00	-4.15	AVG
7	2390.000	56.27	-1.17	55.10	74.00	-18.90	peak
8	2390.000	45.97	-1.17	44.80	54.00	-9.20	AVG
9	2412.000	102.24	-1.08	101.16	--	--	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:	Band edge	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

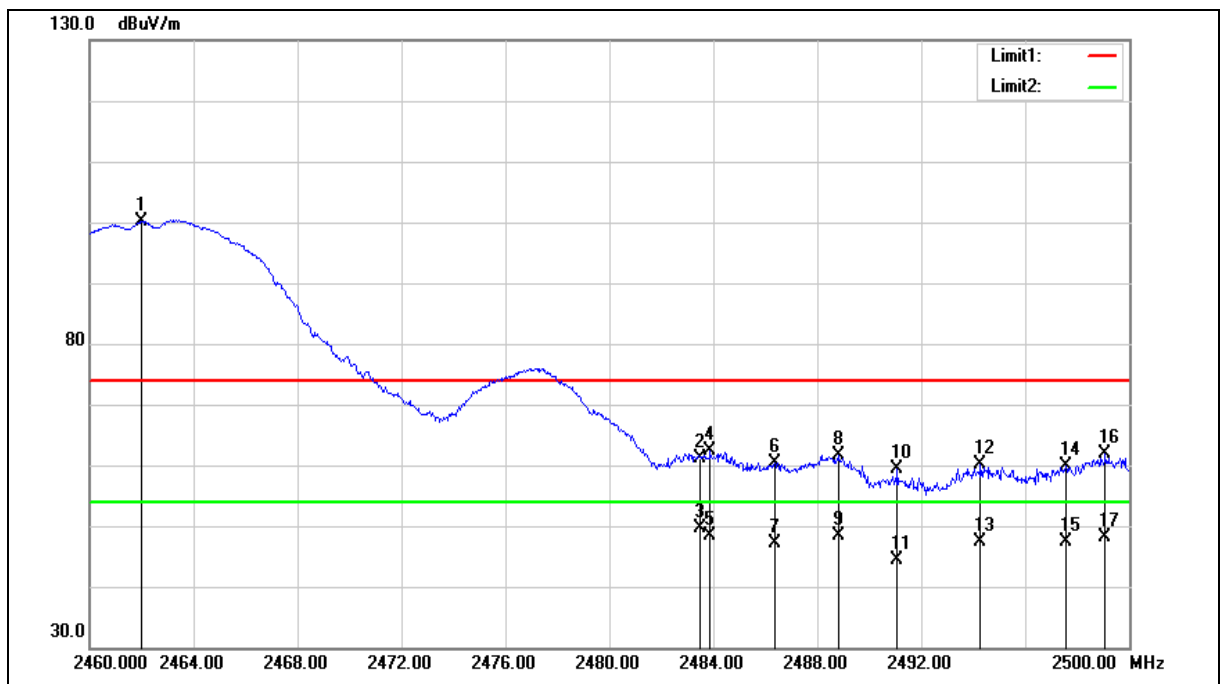
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	107.21	-0.90	106.31	--	--	peak
2	2483.500	65.19	-0.82	64.37	74.00	-9.63	peak
3	2483.500	50.61	-0.82	49.79	54.00	-4.21	AVG
4	2484.000	66.21	-0.82	65.39	74.00	-8.61	peak
5	2484.000	48.75	-0.82	47.93	54.00	-6.07	AVG
6	2488.560	64.35	-0.80	63.55	74.00	-10.45	peak
7	2488.560	51.32	-0.80	50.52	54.00	-3.48	AVG
8	2490.920	60.73	-0.79	59.94	74.00	-14.06	peak
9	2490.920	46.18	-0.79	45.39	54.00	-8.61	AVG
10	2493.760	61.75	-0.79	60.96	74.00	-13.04	peak
11	2493.760	46.90	-0.79	46.11	54.00	-7.89	AVG
12	2498.920	62.67	-0.76	61.91	74.00	-12.09	peak
13	2498.920	50.35	-0.76	49.59	54.00	-4.41	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	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

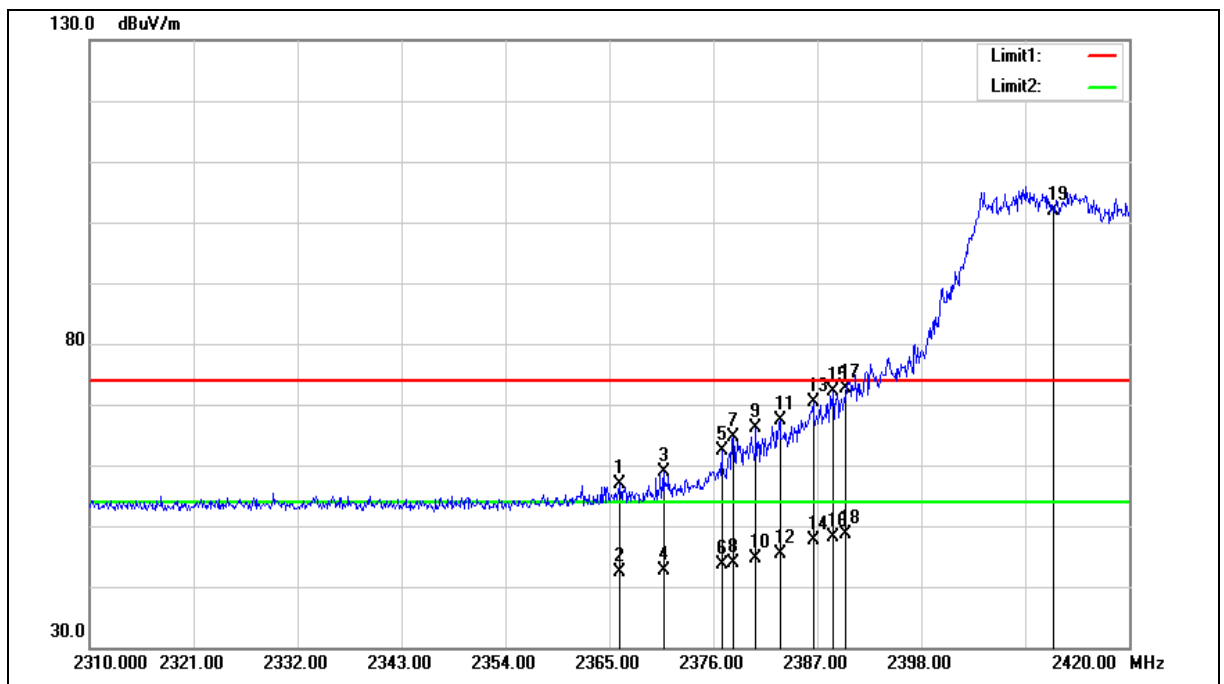
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	101.12	-0.90	100.22	--	--	peak
2	2483.500	61.97	-0.82	61.15	74.00	-12.85	peak
3	2483.500	50.47	-0.82	49.65	54.00	-4.35	AVG
4	2483.880	63.10	-0.82	62.28	74.00	-11.72	peak
5	2483.880	49.24	-0.82	48.42	54.00	-5.58	AVG
6	2486.360	61.24	-0.82	60.42	74.00	-13.58	peak
7	2486.360	47.95	-0.82	47.13	54.00	-6.87	AVG
8	2488.840	62.55	-0.80	61.75	74.00	-12.25	peak
9	2488.840	49.12	-0.80	48.32	54.00	-5.68	AVG
10	2491.080	60.08	-0.79	59.29	74.00	-14.71	peak
11	2491.080	45.15	-0.79	44.36	54.00	-9.64	AVG
12	2494.280	60.88	-0.78	60.10	74.00	-13.90	peak
13	2494.280	48.07	-0.78	47.29	54.00	-6.71	AVG
14	2497.560	60.65	-0.77	59.88	74.00	-14.12	peak
15	2497.560	48.13	-0.77	47.36	54.00	-6.64	AVG
16	2499.080	62.65	-0.76	61.89	74.00	-12.11	peak
17	2499.080	48.77	-0.76	48.01	54.00	-5.99	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	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

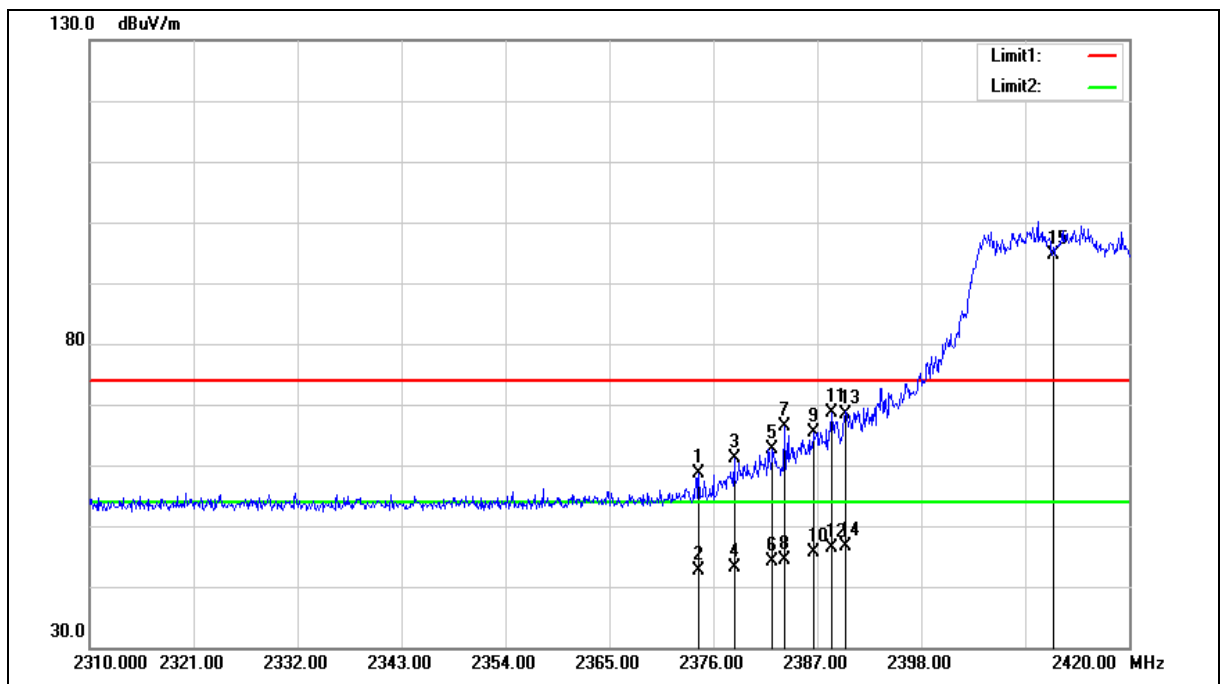
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2366.100	58.20	-1.25	56.95	74.00	-17.05	peak
2	2366.100	43.68	-1.25	42.43	54.00	-11.57	AVG
3	2370.720	60.00	-1.23	58.77	74.00	-15.23	peak
4	2370.720	43.82	-1.23	42.59	54.00	-11.41	AVG
5	2376.880	63.72	-1.22	62.50	74.00	-11.50	peak
6	2376.880	44.80	-1.22	43.58	54.00	-10.42	AVG
7	2378.090	65.88	-1.21	64.67	74.00	-9.33	peak
8	2378.090	45.10	-1.21	43.89	54.00	-10.11	AVG
9	2380.510	67.29	-1.20	66.09	74.00	-7.91	peak
10	2380.510	45.84	-1.20	44.64	54.00	-9.36	AVG
11	2383.040	68.66	-1.19	67.47	74.00	-6.53	peak
12	2383.040	46.66	-1.19	45.47	54.00	-8.53	AVG
13	2386.560	71.46	-1.17	70.29	74.00	-3.71	peak
14	2386.560	48.79	-1.17	47.62	54.00	-6.38	AVG
15	2388.650	73.42	-1.17	72.25	74.00	-1.75	peak
16	2388.650	49.25	-1.17	48.08	54.00	-5.92	AVG
17	2390.000	73.77	-1.17	72.60	74.00	-1.40	peak
18	2390.000	49.91	-1.17	48.74	54.00	-5.26	AVG
19	2412.000	103.00	-1.08	101.92	--	--	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	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

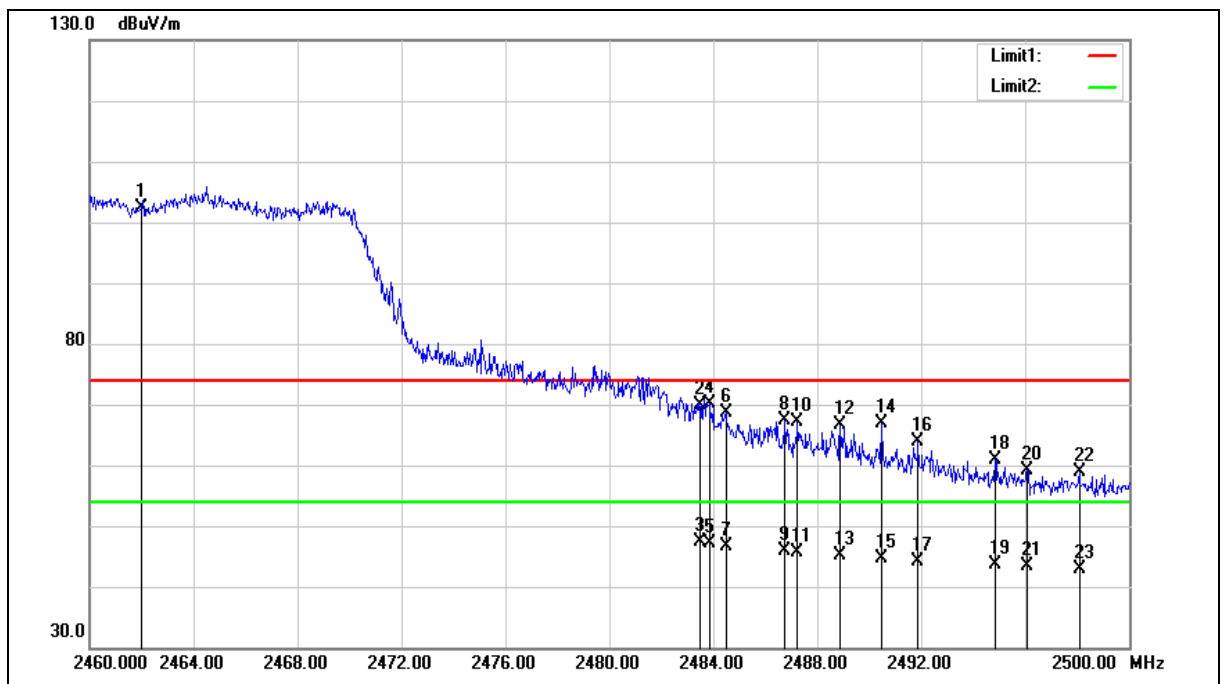
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2374.460	59.86	-1.22	58.64	74.00	-15.36	peak
2	2374.460	43.82	-1.22	42.60	54.00	-11.40	AVG
3	2378.200	62.30	-1.21	61.09	74.00	-12.91	peak
4	2378.200	44.31	-1.21	43.10	54.00	-10.90	AVG
5	2382.270	63.80	-1.20	62.60	74.00	-11.40	peak
6	2382.270	45.28	-1.20	44.08	54.00	-9.92	AVG
7	2383.480	67.55	-1.19	66.36	74.00	-7.64	peak
8	2383.480	45.69	-1.19	44.50	54.00	-9.50	AVG
9	2386.670	66.65	-1.17	65.48	74.00	-8.52	peak
10	2386.670	46.77	-1.17	45.60	54.00	-8.40	AVG
11	2388.540	69.81	-1.17	68.64	74.00	-5.36	peak
12	2388.540	47.51	-1.17	46.34	54.00	-7.66	AVG
13	2390.000	69.44	-1.17	68.27	74.00	-5.73	peak
14	2390.000	47.80	-1.17	46.63	54.00	-7.37	AVG
15	2412.000	95.76	-1.08	94.68	--	--	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.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

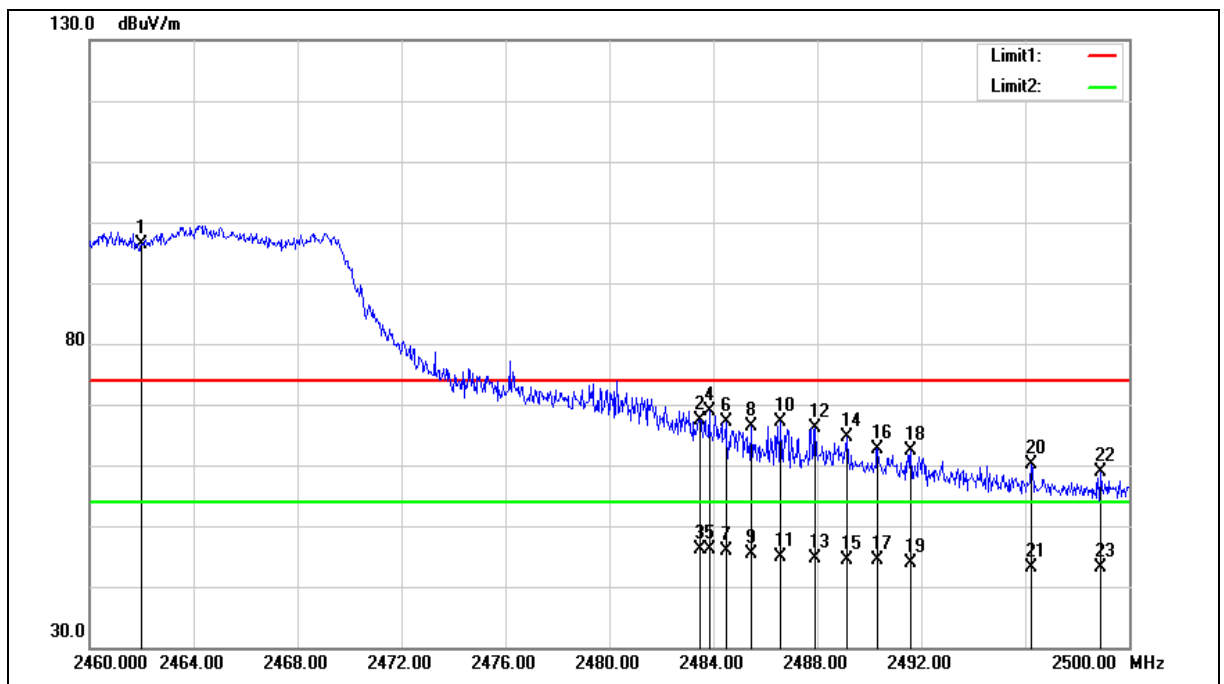
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	103.37	-0.90	102.47	--	--	peak
2	2483.500	70.68	-0.82	69.86	74.00	-4.14	peak
3	2483.500	48.15	-0.82	47.33	54.00	-6.67	AVG
4	2483.840	71.01	-0.82	70.19	74.00	-3.81	peak
5	2483.840	48.04	-0.82	47.22	54.00	-6.78	AVG
6	2484.480	69.43	-0.82	68.61	74.00	-5.39	peak
7	2484.480	47.51	-0.82	46.69	54.00	-7.31	AVG
8	2486.760	68.25	-0.81	67.44	74.00	-6.56	peak
9	2486.760	46.76	-0.81	45.95	54.00	-8.05	AVG
10	2487.240	67.97	-0.81	67.16	74.00	-6.84	peak
11	2487.240	46.51	-0.81	45.70	54.00	-8.30	AVG
12	2488.880	67.39	-0.80	66.59	74.00	-7.41	peak
13	2488.880	45.97	-0.80	45.17	54.00	-8.83	AVG
14	2490.480	67.71	-0.79	66.92	74.00	-7.08	peak
15	2490.480	45.38	-0.79	44.59	54.00	-9.41	AVG
16	2491.880	64.71	-0.79	63.92	74.00	-10.08	peak
17	2491.880	44.99	-0.79	44.20	54.00	-9.80	AVG
18	2494.840	61.54	-0.78	60.76	74.00	-13.24	peak
19	2494.840	44.31	-0.78	43.53	54.00	-10.47	AVG
20	2496.080	59.87	-0.77	59.10	74.00	-14.90	peak
21	2496.080	44.04	-0.77	43.27	54.00	-10.73	AVG
22	2498.080	59.52	-0.76	58.76	74.00	-15.24	peak
23	2498.080	43.65	-0.76	42.89	54.00	-11.11	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

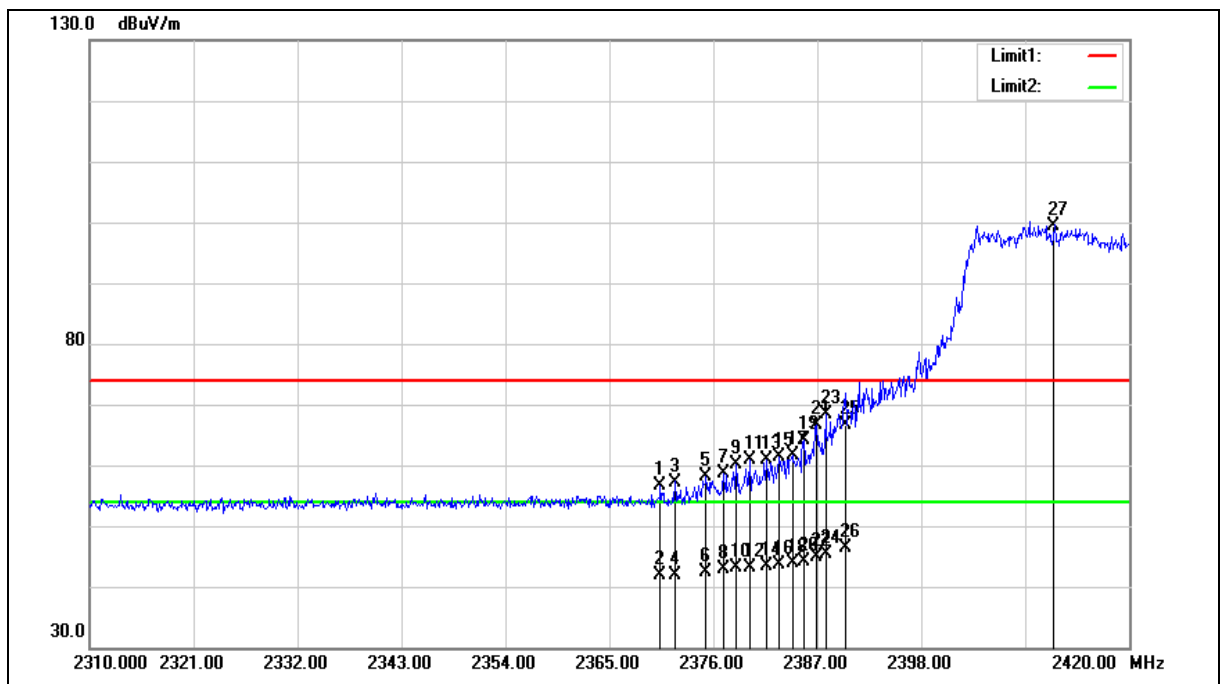
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	97.39	-0.90	96.49	--	--	peak
2	2483.500	68.09	-0.82	67.27	74.00	-6.73	peak
3	2483.500	47.07	-0.82	46.25	54.00	-7.75	AVG
4	2483.840	69.71	-0.82	68.89	74.00	-5.11	peak
5	2483.840	46.83	-0.82	46.01	54.00	-7.99	AVG
6	2484.480	67.91	-0.82	67.09	74.00	-6.91	peak
7	2484.480	46.71	-0.82	45.89	54.00	-8.11	AVG
8	2485.440	67.08	-0.82	66.26	74.00	-7.74	peak
9	2485.440	46.08	-0.82	45.26	54.00	-8.74	AVG
10	2486.600	67.99	-0.81	67.18	74.00	-6.82	peak
11	2486.600	45.77	-0.81	44.96	54.00	-9.04	AVG
12	2487.920	66.96	-0.80	66.16	74.00	-7.84	peak
13	2487.920	45.55	-0.80	44.75	54.00	-9.25	AVG
14	2489.120	65.50	-0.80	64.70	74.00	-9.30	peak
15	2489.120	45.24	-0.80	44.44	54.00	-9.56	AVG
16	2490.320	63.37	-0.80	62.57	74.00	-11.43	peak
17	2490.320	45.08	-0.80	44.28	54.00	-9.72	AVG
18	2491.600	63.23	-0.79	62.44	74.00	-11.56	peak
19	2491.600	44.67	-0.79	43.88	54.00	-10.12	AVG
20	2496.240	60.89	-0.77	60.12	74.00	-13.88	peak
21	2496.240	43.94	-0.77	43.17	54.00	-10.83	AVG
22	2498.880	59.67	-0.76	58.91	74.00	-15.09	peak
23	2498.880	43.80	-0.76	43.04	54.00	-10.96	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	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
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	2370.390	57.75	-1.23	56.52	74.00	-17.48	peak
2	2370.390	43.04	-1.23	41.81	54.00	-12.19	AVG
3	2371.930	58.47	-1.22	57.25	74.00	-16.75	peak
4	2371.930	43.22	-1.22	42.00	54.00	-12.00	AVG
5	2375.230	59.29	-1.22	58.07	74.00	-15.93	peak
6	2375.230	43.59	-1.22	42.37	54.00	-11.63	AVG
7	2377.100	59.80	-1.22	58.58	74.00	-15.42	peak
8	2377.100	44.13	-1.22	42.91	54.00	-11.09	AVG
9	2378.420	61.29	-1.21	60.08	74.00	-13.92	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	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

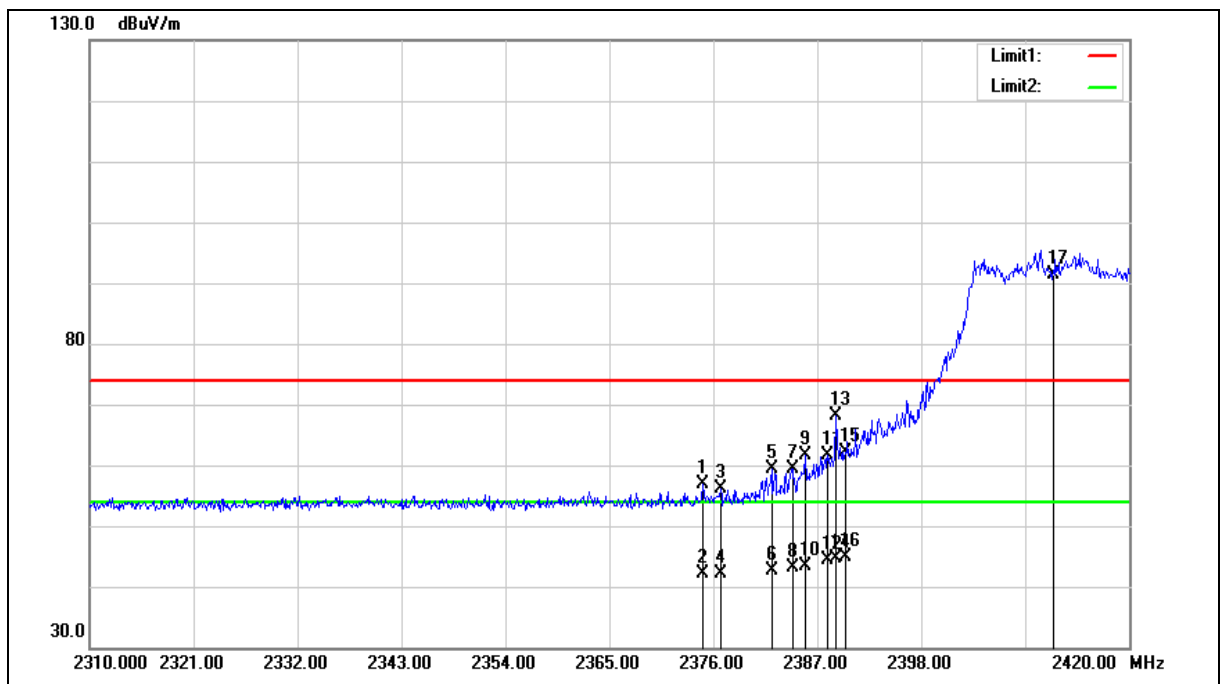
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	2378.420	44.27	-1.21	43.06	54.00	-10.94	AVG
11	2379.850	61.97	-1.20	60.77	74.00	-13.23	peak
12	2379.850	44.39	-1.20	43.19	54.00	-10.81	AVG
13	2381.610	62.03	-1.20	60.83	74.00	-13.17	peak
14	2381.610	44.68	-1.20	43.48	54.00	-10.52	AVG
15	2382.930	62.51	-1.19	61.32	74.00	-12.68	peak
16	2382.930	44.82	-1.19	43.63	54.00	-10.37	AVG
17	2384.360	62.92	-1.19	61.73	74.00	-12.27	peak
18	2384.360	45.06	-1.19	43.87	54.00	-10.13	AVG
19	2385.570	65.22	-1.19	64.03	74.00	-9.97	peak
20	2385.570	45.39	-1.19	44.20	54.00	-9.80	AVG
21	2386.890	67.72	-1.17	66.55	74.00	-7.45	peak
22	2386.890	46.02	-1.17	44.85	54.00	-9.15	AVG
23	2387.880	69.63	-1.17	68.46	74.00	-5.54	peak
24	2387.880	46.44	-1.17	45.27	54.00	-8.73	AVG
25	2390.000	67.82	-1.17	66.65	74.00	-7.35	peak
26	2390.000	47.52	-1.17	46.35	54.00	-7.65	AVG
27	2412.000	100.50	-1.08	99.42	--	--	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	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

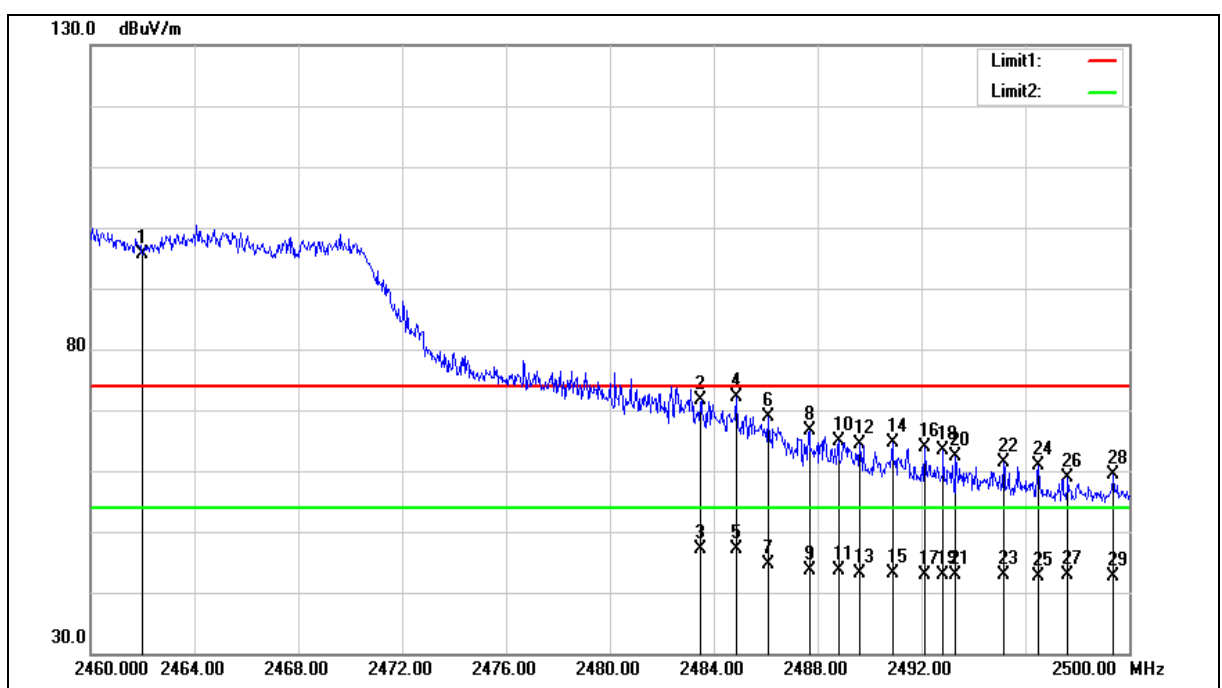
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2374.900	58.01	-1.22	56.79	74.00	-17.21	peak
2	2374.900	43.25	-1.22	42.03	54.00	-11.97	AVG
3	2376.770	57.30	-1.22	56.08	74.00	-17.92	peak
4	2376.770	43.38	-1.22	42.16	54.00	-11.84	AVG
5	2382.160	60.62	-1.20	59.42	74.00	-14.58	peak
6	2382.160	43.88	-1.20	42.68	54.00	-11.32	AVG
7	2384.360	60.65	-1.19	59.46	74.00	-14.54	peak
8	2384.360	44.41	-1.19	43.22	54.00	-10.78	AVG
9	2385.790	62.84	-1.18	61.66	74.00	-12.34	peak
10	2385.790	44.68	-1.18	43.50	54.00	-10.50	AVG
11	2388.100	62.90	-1.17	61.73	74.00	-12.27	peak
12	2388.100	45.43	-1.17	44.26	54.00	-9.74	AVG
13	2388.980	69.22	-1.17	68.05	74.00	-5.95	peak
14	2388.980	45.68	-1.17	44.51	54.00	-9.49	AVG
15	2390.000	63.29	-1.17	62.12	74.00	-11.88	peak
16	2390.000	46.03	-1.17	44.86	54.00	-9.14	AVG
17	2412.000	92.47	-1.08	91.39	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	96.59	-0.90	95.69	--	--	peak
2	2483.500	72.37	-0.82	71.55	74.00	-2.45	peak
3	2483.500	47.97	-0.82	47.15	54.00	-6.85	AVG
4	2484.880	72.94	-0.82	72.12	74.00	-1.88	peak
5	2484.880	47.89	-0.82	47.07	54.00	-6.93	AVG
6	2486.080	69.62	-0.82	68.80	74.00	-5.20	peak
7	2486.080	45.40	-0.82	44.58	54.00	-9.42	AVG
8	2487.680	67.52	-0.80	66.72	74.00	-7.28	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	Power:	DC 12 V
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		
Description:			

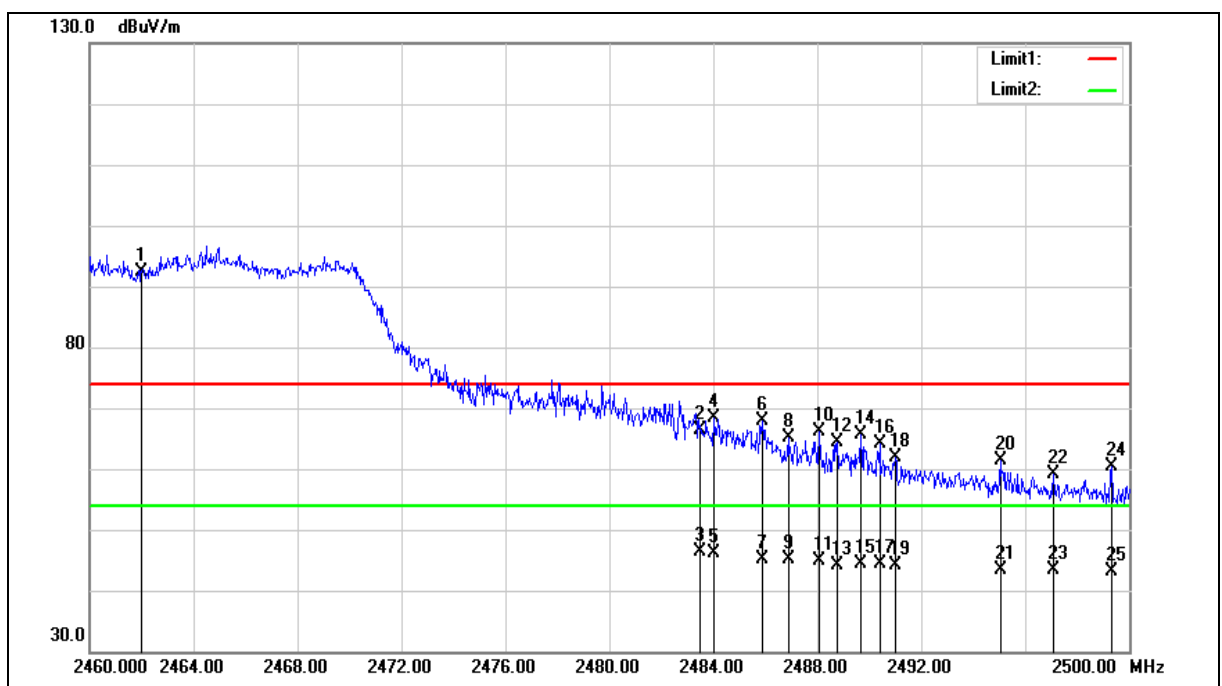
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
9	2487.680	44.53	-0.80	43.73	54.00	-10.27	AVG
10	2488.800	65.80	-0.80	65.00	74.00	-9.00	peak
11	2488.800	44.31	-0.80	43.51	54.00	-10.49	AVG
12	2489.600	65.30	-0.80	64.50	74.00	-9.50	peak
13	2489.600	43.97	-0.80	43.17	54.00	-10.83	AVG
14	2490.880	65.37	-0.79	64.58	74.00	-9.42	peak
15	2490.880	43.95	-0.79	43.16	54.00	-10.84	AVG
16	2492.120	64.59	-0.79	63.80	74.00	-10.20	peak
17	2492.120	43.79	-0.79	43.00	54.00	-11.00	AVG
18	2492.840	64.09	-0.79	63.30	74.00	-10.70	peak
19	2492.840	43.70	-0.79	42.91	54.00	-11.09	AVG
20	2493.320	63.07	-0.79	62.28	74.00	-11.72	peak
21	2493.320	43.75	-0.79	42.96	54.00	-11.04	AVG
22	2495.160	62.04	-0.78	61.26	74.00	-12.74	peak
23	2495.160	43.61	-0.78	42.83	54.00	-11.17	AVG
24	2496.520	61.53	-0.77	60.76	74.00	-13.24	peak
25	2496.520	43.51	-0.77	42.74	54.00	-11.26	AVG
26	2497.640	59.63	-0.77	58.86	74.00	-15.14	peak
27	2497.640	43.53	-0.77	42.76	54.00	-11.24	AVG
28	2499.400	60.20	-0.76	59.44	74.00	-14.56	peak
29	2499.400	43.49	-0.76	42.73	54.00	-11.27	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	Power:	DC 12 V
Frequency	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	93.17	-0.90	92.27	--	--	peak
2	2483.500	67.27	-0.82	66.45	74.00	-7.55	peak
3	2483.500	47.08	-0.82	46.26	54.00	-7.74	AVG
4	2484.040	69.24	-0.82	68.42	74.00	-5.58	peak
5	2484.040	46.88	-0.82	46.06	54.00	-7.94	AVG
6	2485.880	68.71	-0.82	67.89	74.00	-6.11	peak
7	2485.880	46.00	-0.82	45.18	54.00	-8.82	AVG
8	2486.880	65.86	-0.81	65.05	74.00	-8.95	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	Power:	DC 12 V
Frequency	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		
Description:			

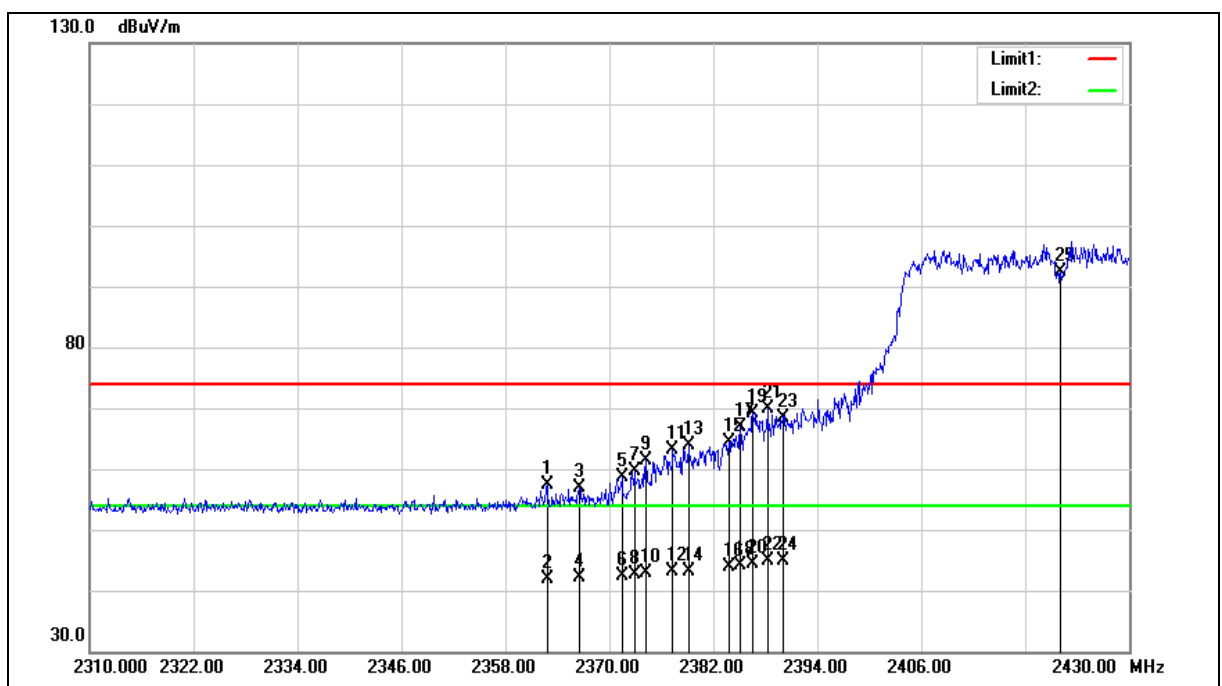
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
9	2486.880	45.93	-0.81	45.12	54.00	-8.88	AVG
10	2488.080	66.91	-0.80	66.11	74.00	-7.89	peak
11	2488.080	45.60	-0.80	44.80	54.00	-9.20	AVG
12	2488.760	65.22	-0.80	64.42	74.00	-9.58	peak
13	2488.760	44.88	-0.80	44.08	54.00	-9.92	AVG
14	2489.680	66.37	-0.80	65.57	74.00	-8.43	peak
15	2489.680	45.15	-0.80	44.35	54.00	-9.65	AVG
16	2490.400	64.82	-0.79	64.03	74.00	-9.97	peak
17	2490.400	45.06	-0.79	44.27	54.00	-9.73	AVG
18	2491.000	62.74	-0.79	61.95	74.00	-12.05	peak
19	2491.000	44.92	-0.79	44.13	54.00	-9.87	AVG
20	2495.040	62.23	-0.78	61.45	74.00	-12.55	peak
21	2495.040	44.16	-0.78	43.38	54.00	-10.62	AVG
22	2497.080	59.89	-0.77	59.12	74.00	-14.88	peak
23	2497.080	44.05	-0.77	43.28	54.00	-10.72	AVG
24	2499.320	61.25	-0.76	60.49	74.00	-13.51	peak
25	2499.320	43.83	-0.76	43.07	54.00	-10.93	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	Power:	DC 12 V
Frequency	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2362.800	58.66	-1.26	57.40	74.00	-16.60	peak
2	2362.800	43.13	-1.26	41.87	54.00	-12.13	AVG
3	2366.520	58.01	-1.25	56.76	74.00	-17.24	peak
4	2366.520	43.30	-1.25	42.05	54.00	-11.95	AVG
5	2371.440	59.82	-1.22	58.60	74.00	-15.40	peak
6	2371.440	43.61	-1.22	42.39	54.00	-11.61	AVG
7	2372.880	60.78	-1.22	59.56	74.00	-14.44	peak
8	2372.880	43.81	-1.22	42.59	54.00	-11.41	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	Power:	DC 12 V
Frequency	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		
Description:			

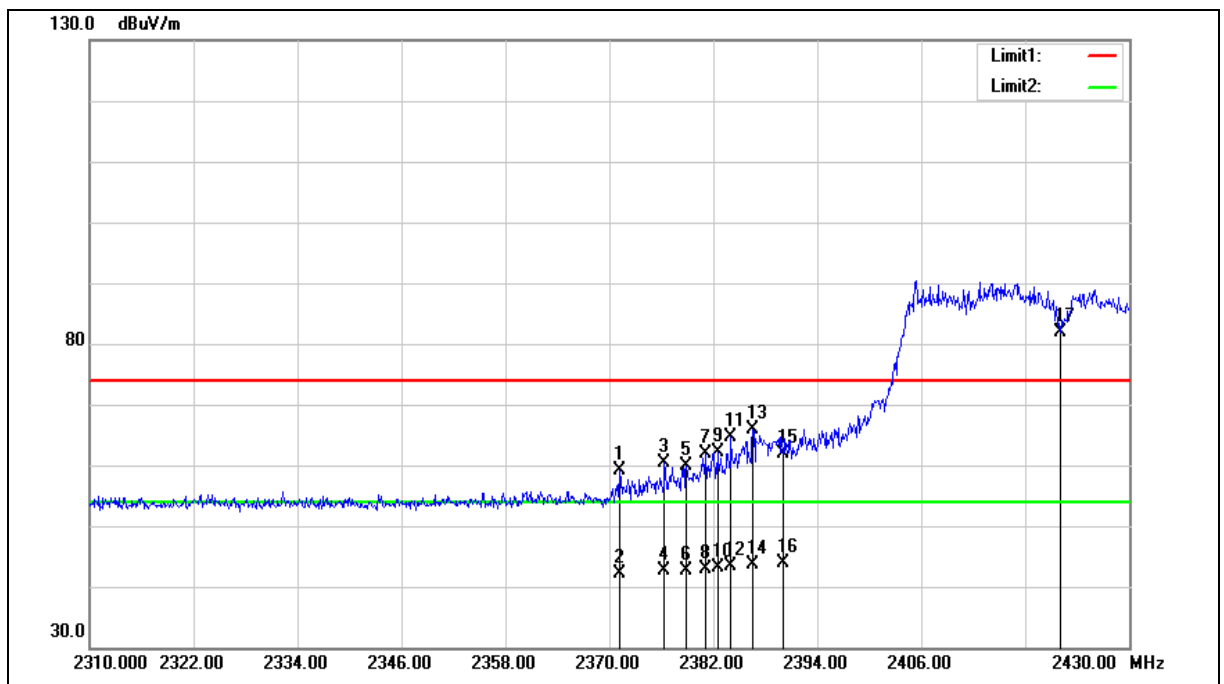
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
9	2374.200	62.52	-1.22	61.30	74.00	-12.70	peak
10	2374.200	44.05	-1.22	42.83	54.00	-11.17	AVG
11	2377.320	64.27	-1.21	63.06	74.00	-10.94	peak
12	2377.320	44.39	-1.21	43.18	54.00	-10.82	AVG
13	2379.120	65.05	-1.20	63.85	74.00	-10.15	peak
14	2379.120	44.39	-1.20	43.19	54.00	-10.81	AVG
15	2383.800	65.52	-1.19	64.33	74.00	-9.67	peak
16	2383.800	45.02	-1.19	43.83	54.00	-10.17	AVG
17	2385.120	67.96	-1.19	66.77	74.00	-7.23	peak
18	2385.120	45.38	-1.19	44.19	54.00	-9.81	AVG
19	2386.560	70.27	-1.17	69.10	74.00	-4.90	peak
20	2386.560	45.64	-1.17	44.47	54.00	-9.53	AVG
21	2388.240	70.98	-1.17	69.81	74.00	-4.19	peak
22	2388.240	45.95	-1.17	44.78	54.00	-9.22	AVG
23	2390.000	69.50	-1.17	68.33	74.00	-5.67	peak
24	2390.000	46.03	-1.17	44.86	54.00	-9.14	AVG
25	2422.000	93.40	-1.04	92.36	--	--	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:	Band edge	Power:	DC 12 V
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2422 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

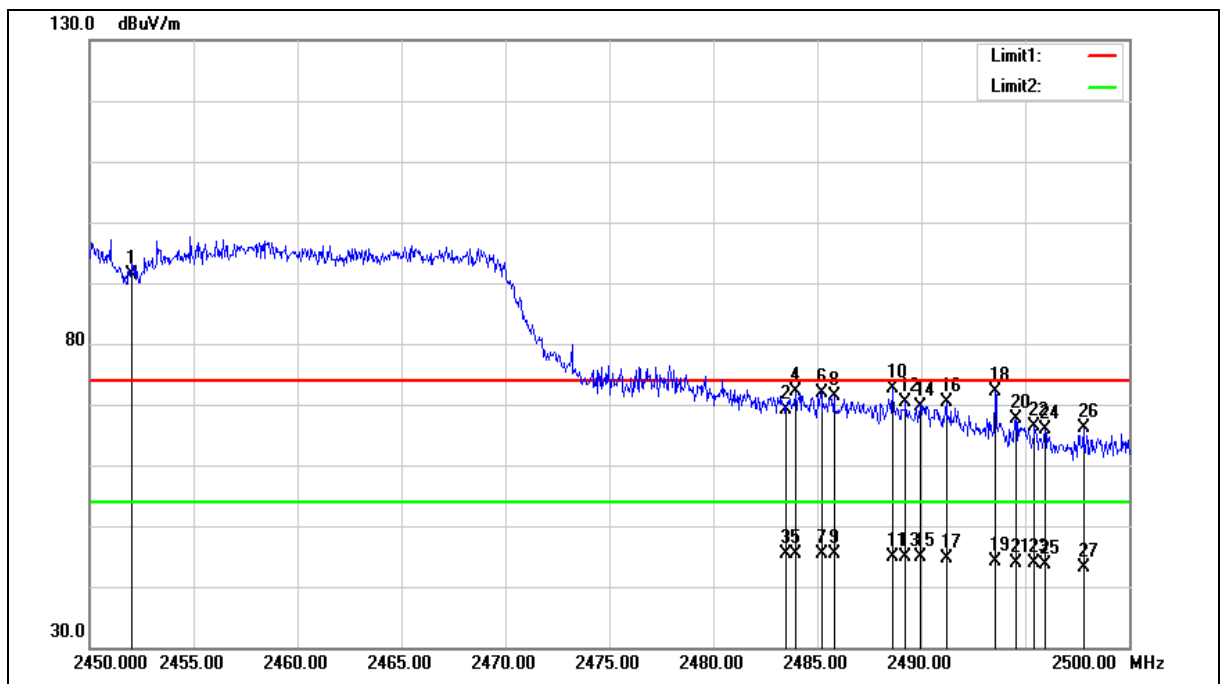
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2371.200	60.35	-1.22	59.13	74.00	-14.87	peak
2	2371.200	43.33	-1.22	42.11	54.00	-11.89	AVG
3	2376.360	61.53	-1.22	60.31	74.00	-13.69	peak
4	2376.360	43.79	-1.22	42.57	54.00	-11.43	AVG
5	2378.880	61.02	-1.20	59.82	74.00	-14.18	peak
6	2378.880	43.78	-1.20	42.58	54.00	-11.42	AVG
7	2381.040	63.17	-1.20	61.97	74.00	-12.03	peak
8	2381.040	44.06	-1.20	42.86	54.00	-11.14	AVG
9	2382.480	63.35	-1.20	62.15	74.00	-11.85	peak
10	2382.480	44.30	-1.20	43.10	54.00	-10.90	AVG
11	2384.040	65.83	-1.19	64.64	74.00	-9.36	peak
12	2384.040	44.60	-1.19	43.41	54.00	-10.59	AVG
13	2386.560	67.08	-1.17	65.91	74.00	-8.09	peak
14	2386.560	44.88	-1.17	43.71	54.00	-10.29	AVG
15	2390.000	62.98	-1.17	61.81	74.00	-12.19	peak
16	2390.000	44.99	-1.17	43.82	54.00	-10.18	AVG
17	2422.000	82.80	-1.04	81.76	--	--	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	Power:	DC 12 V
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
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	2452.000	92.34	-0.93	91.41	--	--	peak
2	2483.500	69.96	-0.82	69.14	74.00	-4.86	peak
3	2483.500	46.25	-0.82	45.43	54.00	-8.57	AVG
4	2483.950	73.02	-0.82	72.20	74.00	-1.80	peak
5	2483.950	46.12	-0.82	45.30	54.00	-8.70	AVG
6	2485.200	72.69	-0.82	71.87	74.00	-2.13	peak
7	2485.200	46.14	-0.82	45.32	54.00	-8.68	AVG
8	2485.800	72.26	-0.82	71.44	74.00	-2.56	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2452 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

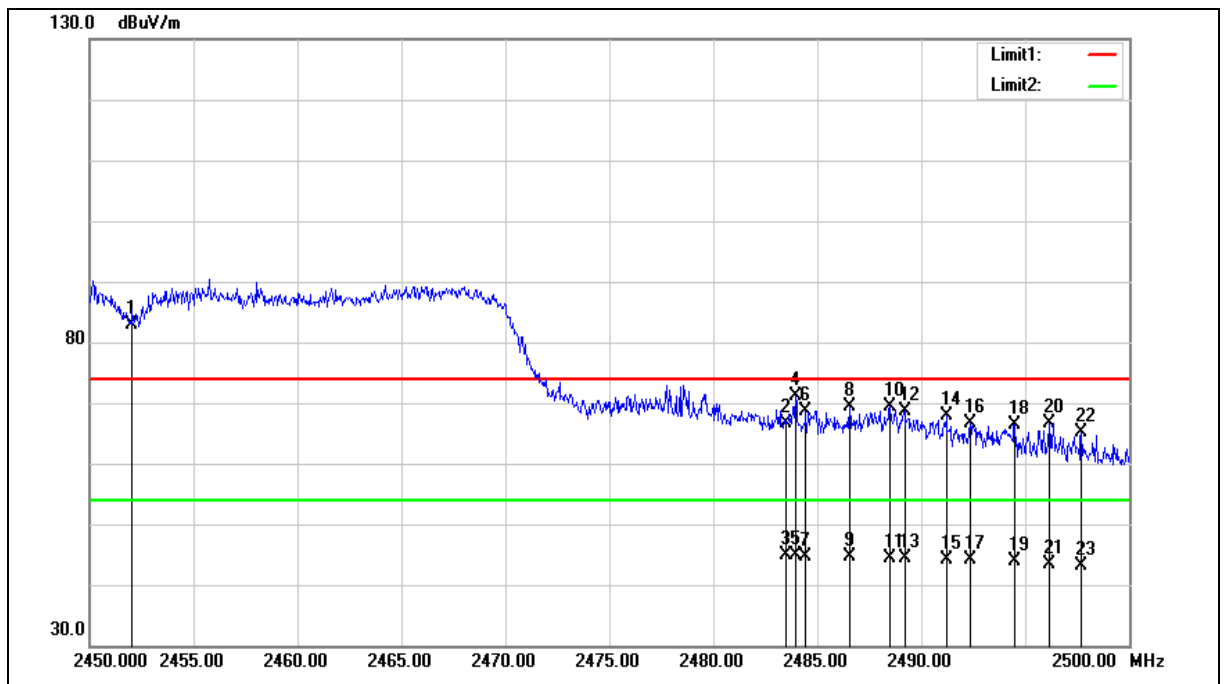
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
9	2485.800	46.12	-0.82	45.30	54.00	-8.70	AVG
10	2488.600	73.50	-0.80	72.70	74.00	-1.30	peak
11	2488.600	45.71	-0.80	44.91	54.00	-9.09	AVG
12	2489.250	71.30	-0.80	70.50	74.00	-3.50	peak
13	2489.250	45.69	-0.80	44.89	54.00	-9.11	AVG
14	2489.950	70.55	-0.80	69.75	74.00	-4.25	peak
15	2489.950	45.57	-0.80	44.77	54.00	-9.23	AVG
16	2491.200	71.10	-0.79	70.31	74.00	-3.69	peak
17	2491.200	45.31	-0.79	44.52	54.00	-9.48	AVG
18	2493.550	72.84	-0.79	72.05	74.00	-1.95	peak
19	2493.550	44.85	-0.79	44.06	54.00	-9.94	AVG
20	2494.550	68.33	-0.78	67.55	74.00	-6.45	peak
21	2494.550	44.75	-0.78	43.97	54.00	-10.03	AVG
22	2495.450	67.08	-0.78	66.30	74.00	-7.70	peak
23	2495.450	44.58	-0.78	43.80	54.00	-10.20	AVG
24	2495.950	66.57	-0.77	65.80	74.00	-8.20	peak
25	2495.950	44.50	-0.77	43.73	54.00	-10.27	AVG
26	2497.800	66.98	-0.77	66.21	74.00	-7.79	peak
27	2497.800	44.00	-0.77	43.23	54.00	-10.77	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	Power:	DC 12 V
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	DC 12 V
Frequency:	2452 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
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	2452.000	83.69	-0.93	82.76	--	--	peak
2	2483.500	67.49	-0.82	66.67	74.00	-7.33	peak
3	2483.500	45.73	-0.82	44.91	54.00	-9.09	AVG
4	2483.950	71.85	-0.82	71.03	74.00	-2.97	peak
5	2483.950	45.61	-0.82	44.79	54.00	-9.21	AVG
6	2484.450	69.52	-0.82	68.70	74.00	-5.30	peak
7	2484.450	45.56	-0.82	44.74	54.00	-9.26	AVG
8	2486.550	70.14	-0.81	69.33	74.00	-4.67	peak
9	2486.550	45.48	-0.81	44.67	54.00	-9.33	AVG
10	2488.500	70.22	-0.80	69.42	74.00	-4.58	peak
11	2488.500	45.25	-0.80	44.45	54.00	-9.55	AVG
12	2489.200	69.52	-0.80	68.72	74.00	-5.28	peak
13	2489.200	45.25	-0.80	44.45	54.00	-9.55	AVG
14	2491.200	68.62	-0.79	67.83	74.00	-6.17	peak
15	2491.200	44.99	-0.79	44.20	54.00	-9.80	AVG
16	2492.350	67.37	-0.79	66.58	74.00	-7.42	peak
17	2492.350	44.81	-0.79	44.02	54.00	-9.98	AVG
18	2494.500	67.21	-0.78	66.43	74.00	-7.57	peak
19	2494.500	44.62	-0.78	43.84	54.00	-10.16	AVG
20	2496.150	67.46	-0.77	66.69	74.00	-7.31	peak
21	2496.150	44.18	-0.77	43.41	54.00	-10.59	AVG
22	2497.700	65.87	-0.77	65.10	74.00	-8.90	peak
23	2497.700	44.01	-0.77	43.24	54.00	-10.76	AVG

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

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

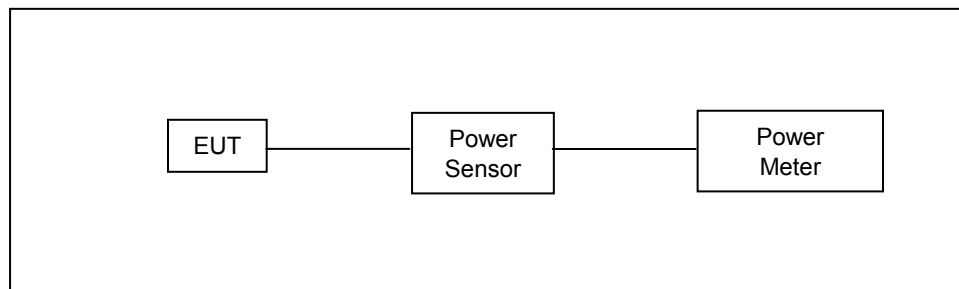
3.When the peak results are less than average limit, so not need to evaluate the average.

4.2.2 峰值傳導輸出功率之量測

合格標準:

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

測試架構圖：



測試結果:

操作模式：Mode 2 / Mode 3 / Mode 4 / Mode 5				
操作模式	Data Rate (Mbps)	頻道 CH	輸出功率(Peak)	
			dBm	W
Mode 2	1	01	17.62	0.058
		06	17.55	0.057
		11	17.20	0.052
Mode 3	6	01	19.33	0.086
		06	19.32	0.086
		11	19.16	0.082
Mode 4	6.5	01	19.15	0.082
		06	19.26	0.084
		11	19.17	0.083
Mode 5	13.5	03	18.94	0.078
		06	19.13	0.082
		09	18.81	0.076

4.2.3 天線規格之要求

合格標準:

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

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

判定結果:

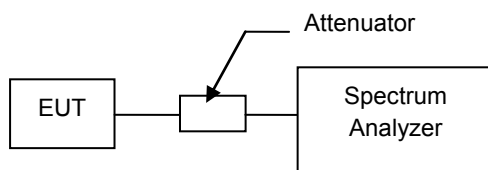
符合,本產品 2.4 GHz 使用 SMD Antenna (廠牌: TDK, 型號: ANT162442DT-2001AM1), 最大增益值 2.6 dBi。

4.2.4 非必要頻帶之量測

合格標準：

發射限制：使用頻帶範圍外之任意 100 千赫 (kHz)內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz)內的射頻功率，須衰減 20 分貝(dB)，以射頻傳導或輻射方式測量。

測試架構圖：



測試結果：

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

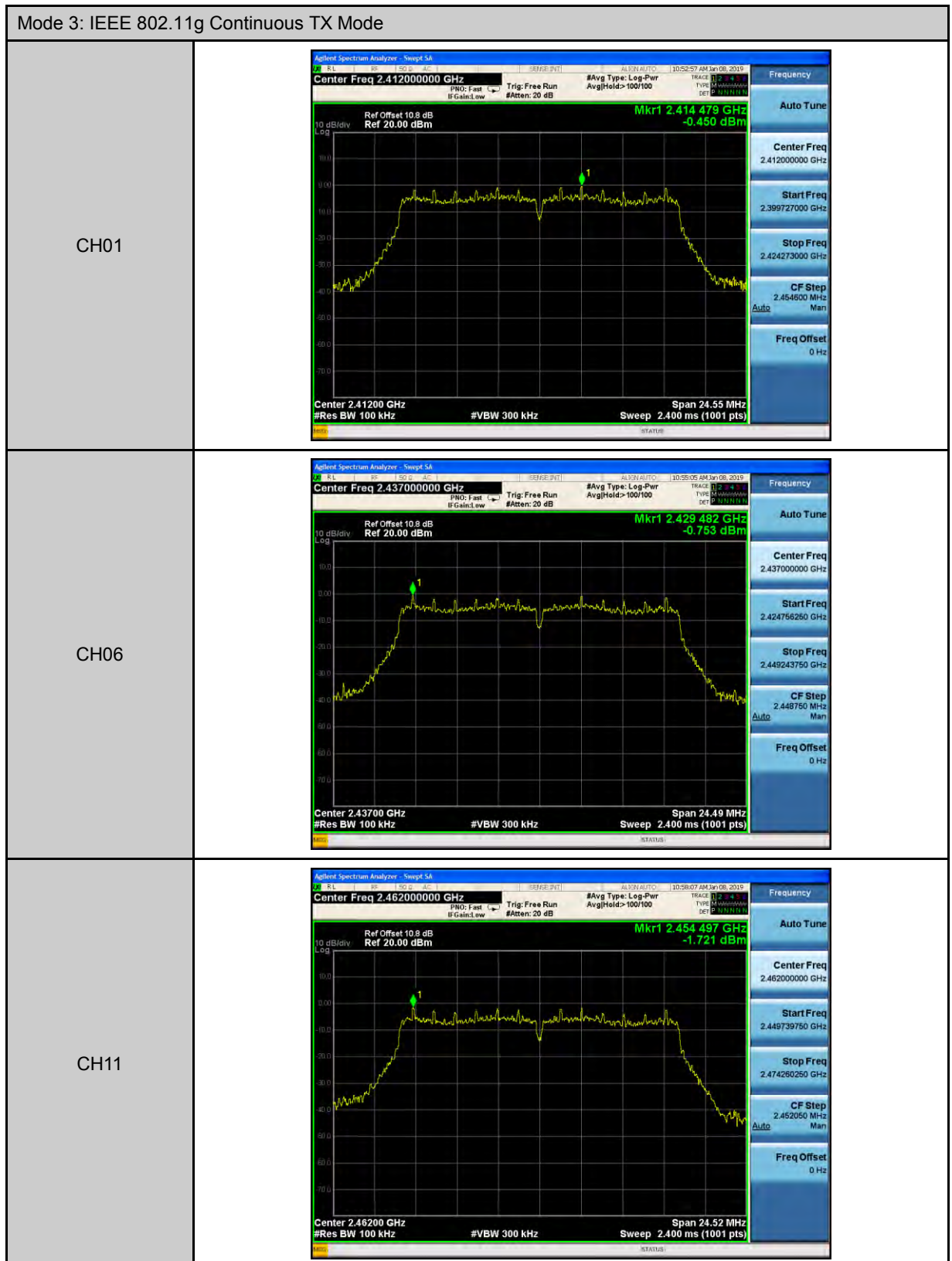
附註 1: 於使用頻帶範圍之任意 100 千赫 (kHz)內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz)內的射頻功率，衰減 20 分貝(dB)以上，符合規定。

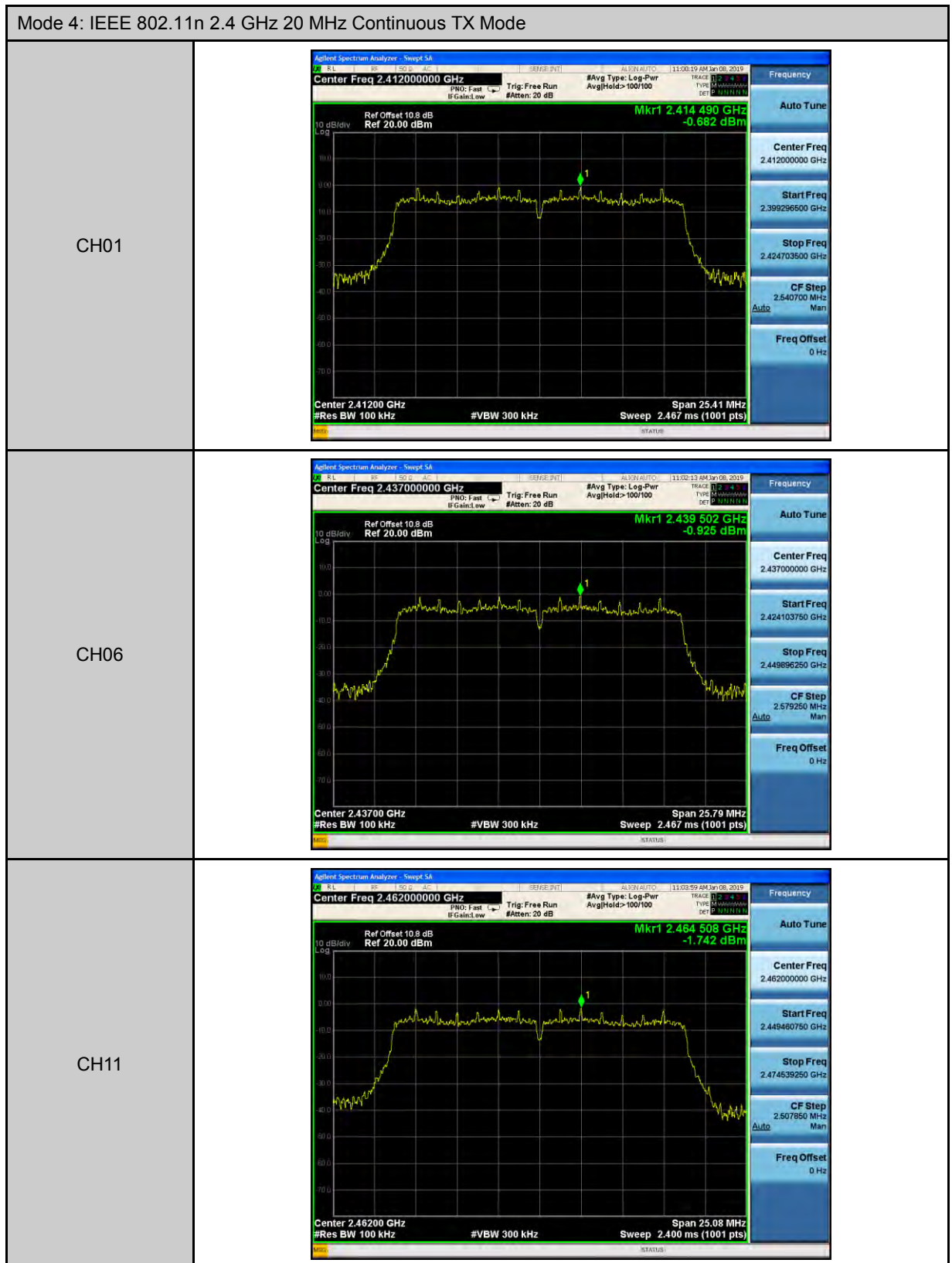
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 20dB。

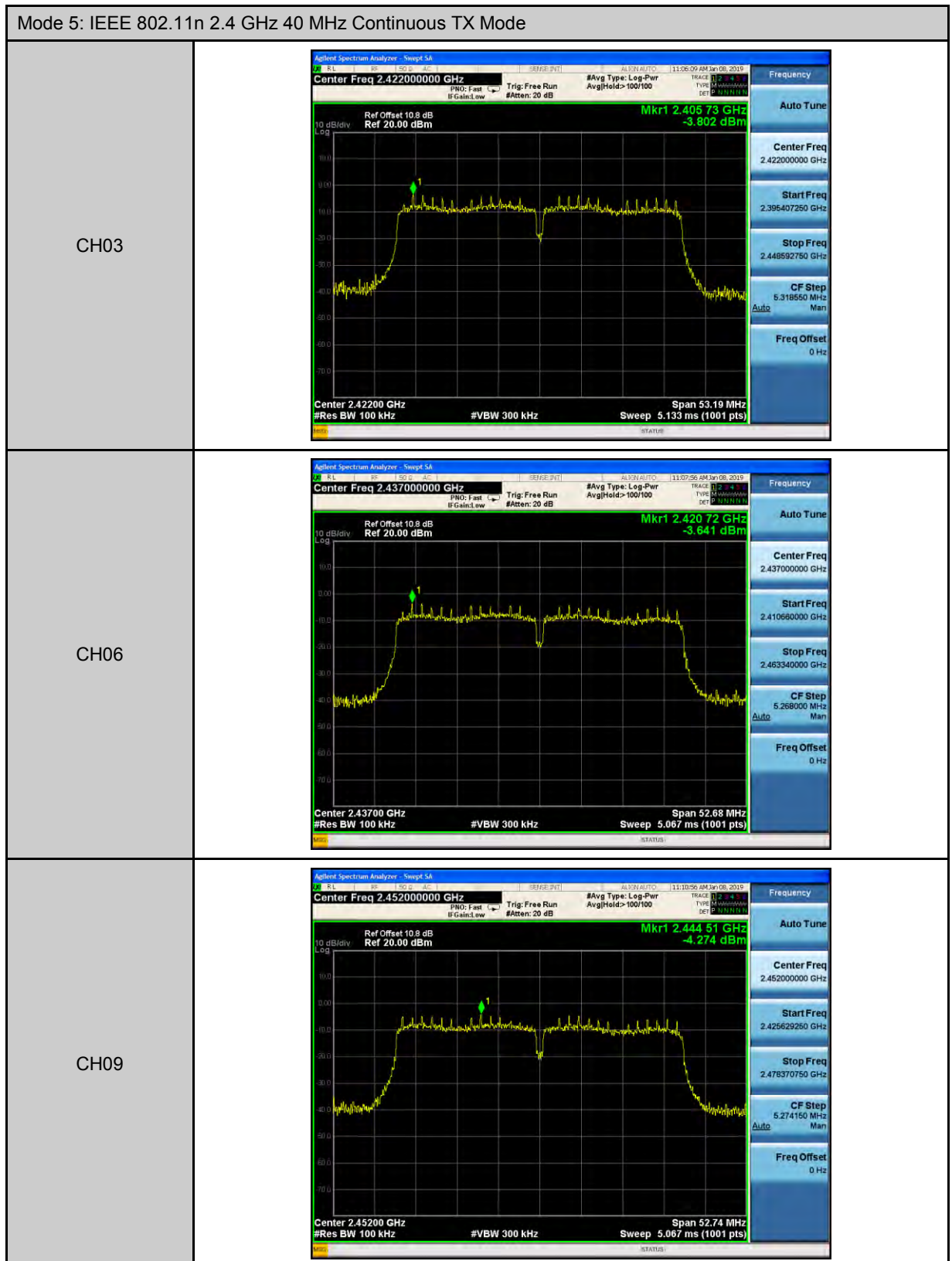
Reference level

Mode 2: IEEE 802.11b Continuous TX Mode

CH01	 Agilent Spectrum Analyzer - Sweep 54 Center Freq 2.412000000 GHz Ref Offset 10.8 dB Ref 20.00 dBm Mkr1 2.411 487 GHz 4.736 dBm Span 15.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.467 ms (1001 pts)
CH06	 Agilent Spectrum Analyzer - Sweep 54 Center Freq 2.437000000 GHz Ref Offset 10.8 dB Ref 20.00 dBm Mkr1 2.436 485 GHz 4.502 dBm Span 15.16 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.467 ms (1001 pts)
CH11	 Agilent Spectrum Analyzer - Sweep 54 Center Freq 2.462000000 GHz Ref Offset 10.8 dB Ref 20.00 dBm Mkr1 2.461 499 GHz 4.197 dBm Span 15.18 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.467 ms (1001 pts)



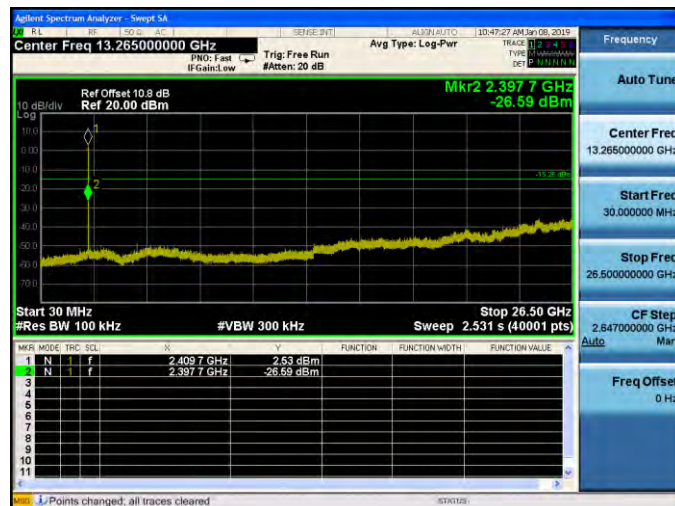




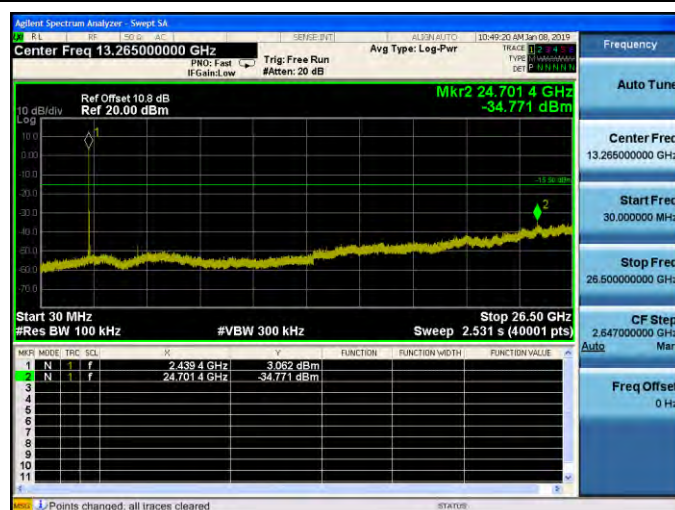
Out of Band Conducted Emissions

Mode 2: IEEE 802.11b Continuous TX Mode

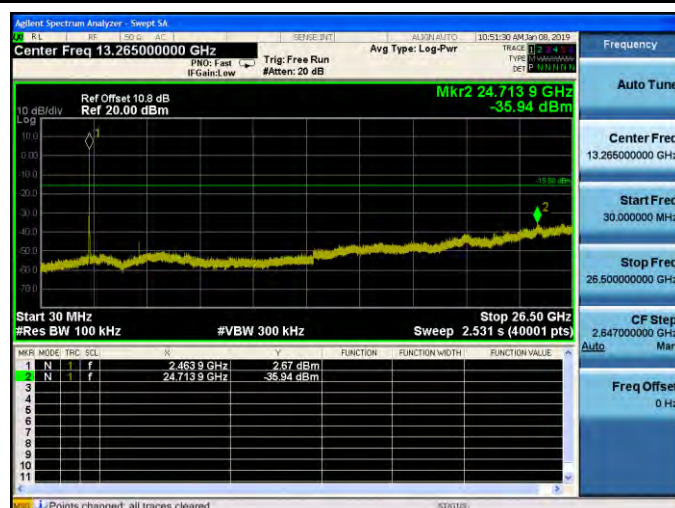
CH01

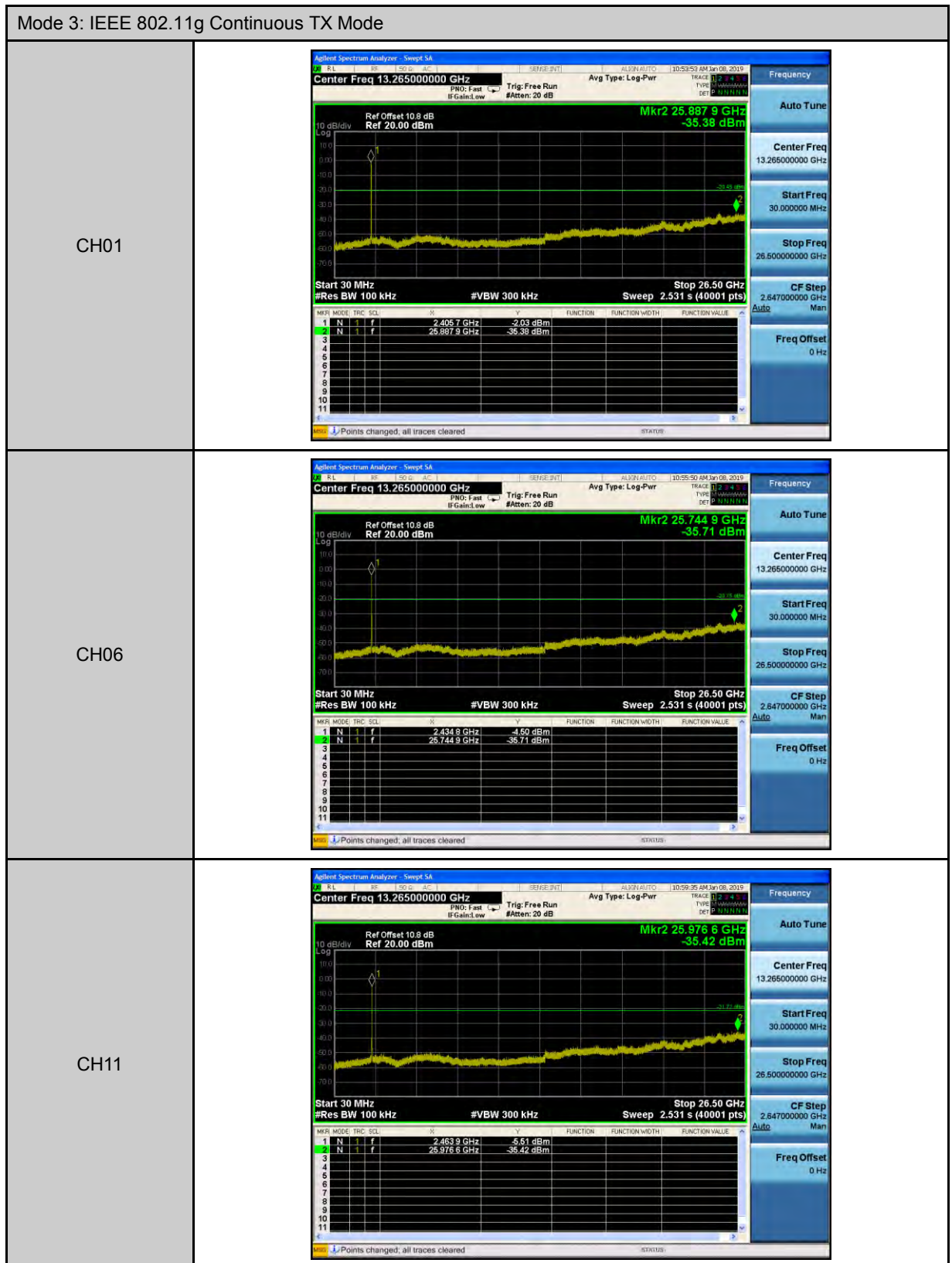


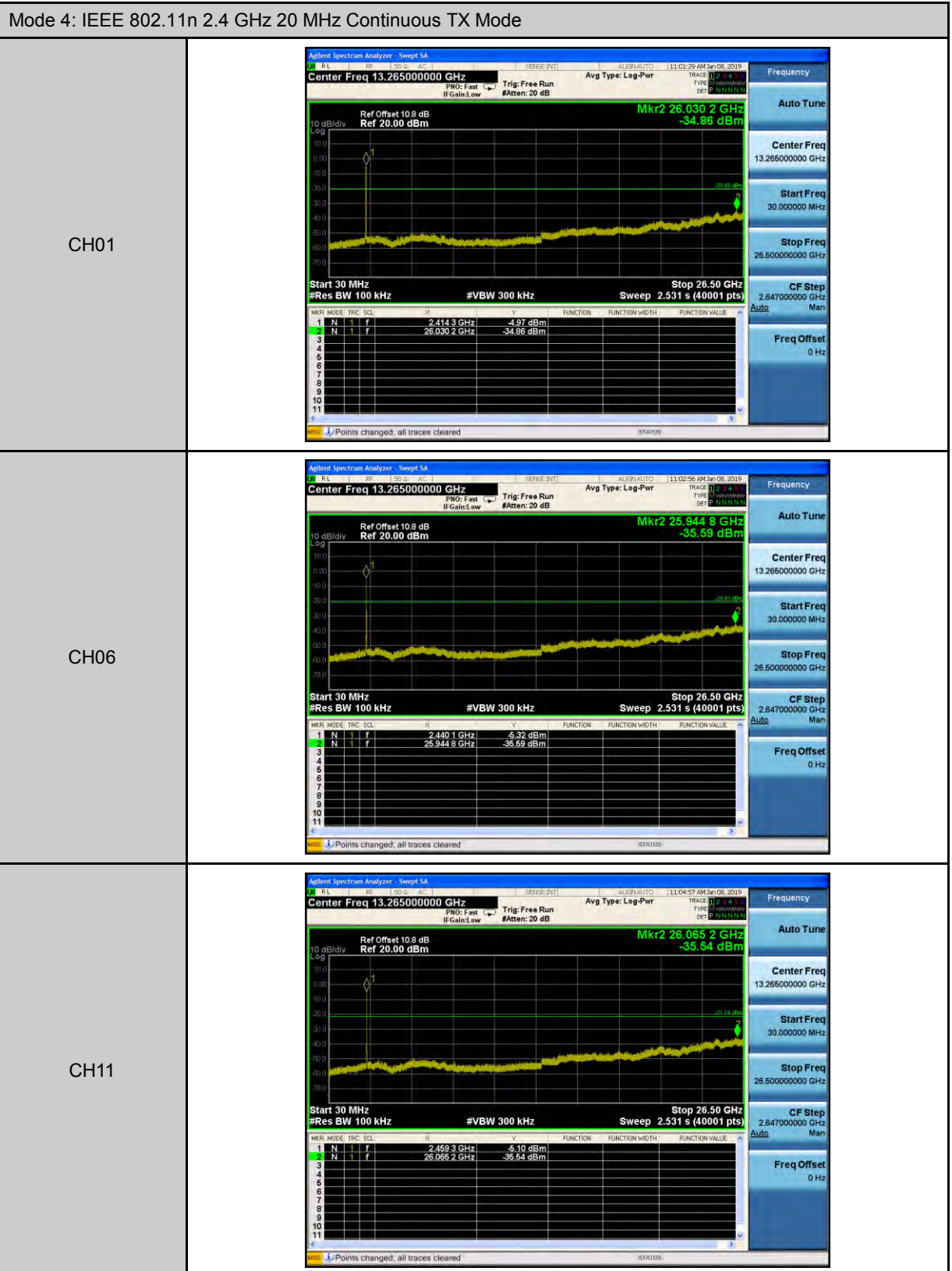
CH06

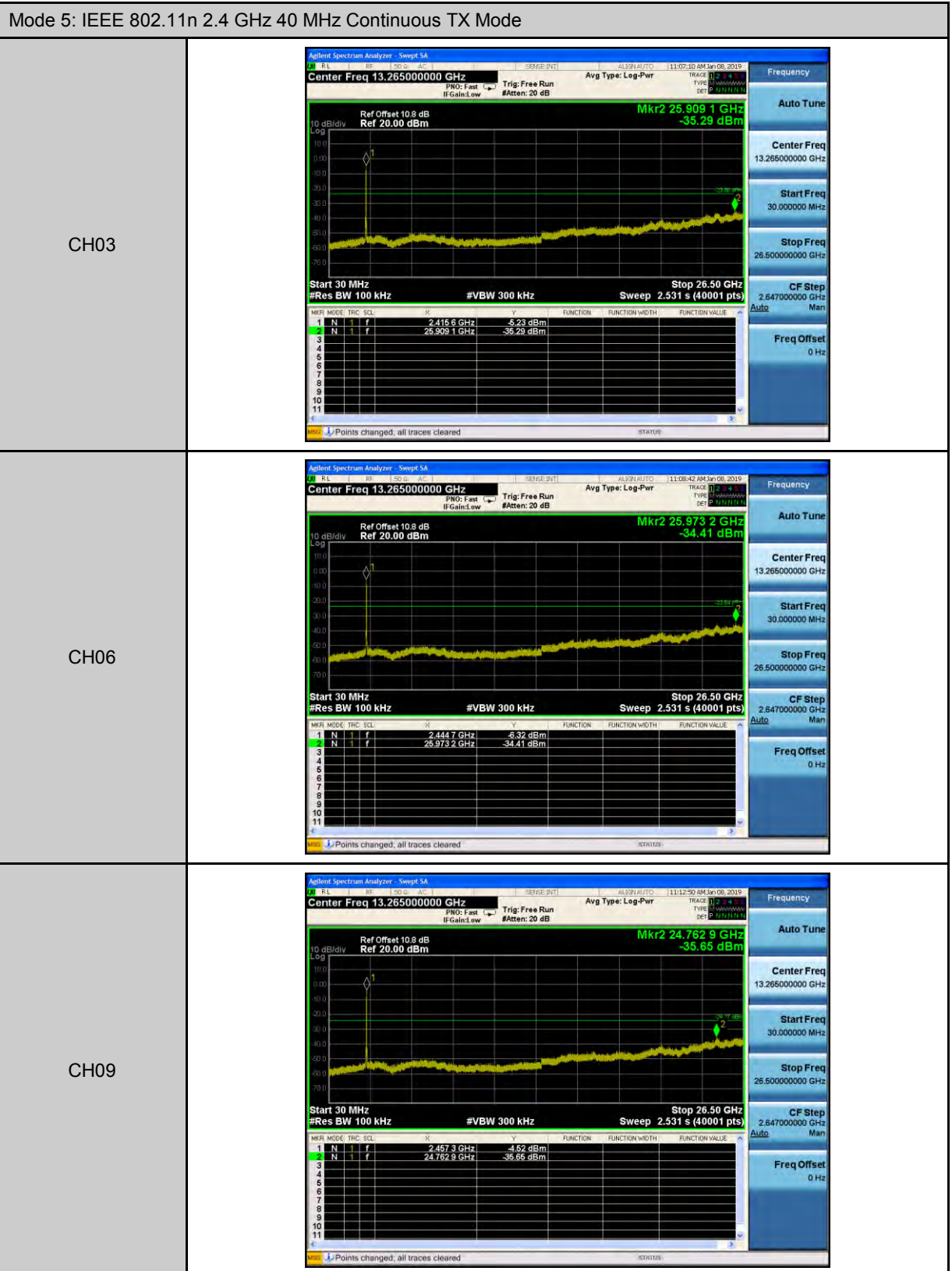


CH11









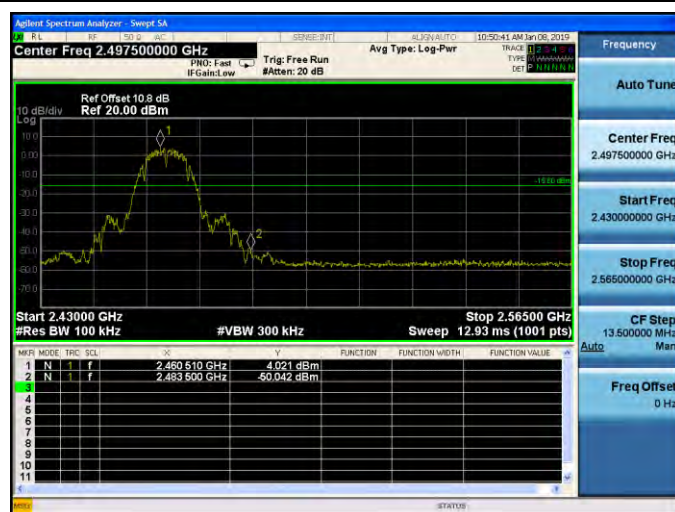
Conducted Band Edge

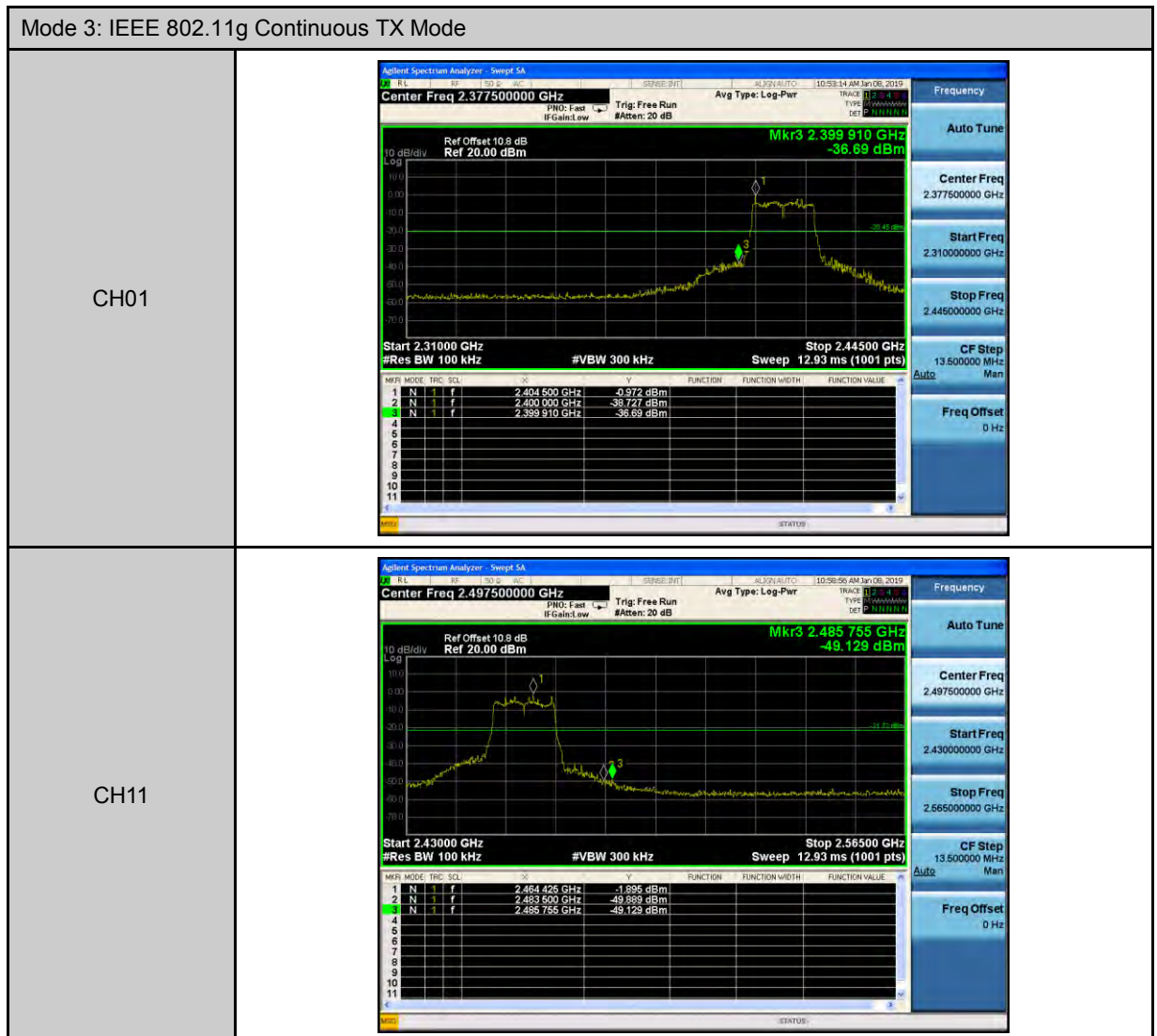
Mode 2: IEEE 802.11b Continuous TX Mode

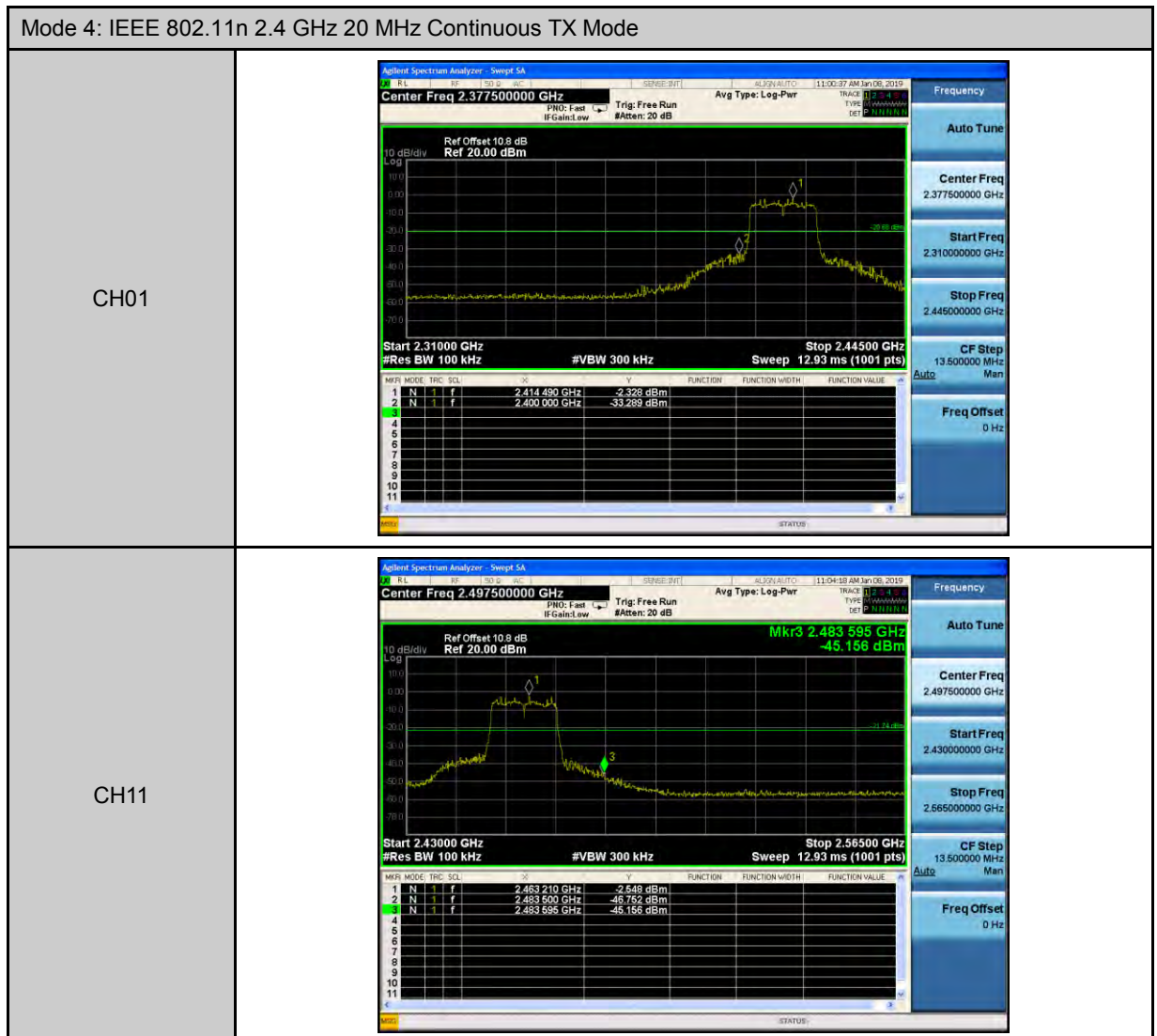
CH01



CH11







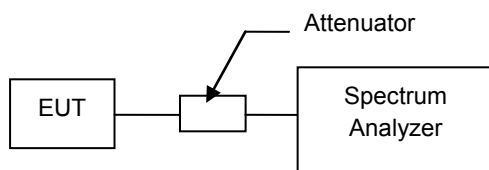


4.2.5 6 dB頻寬之要求

合格標準：

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

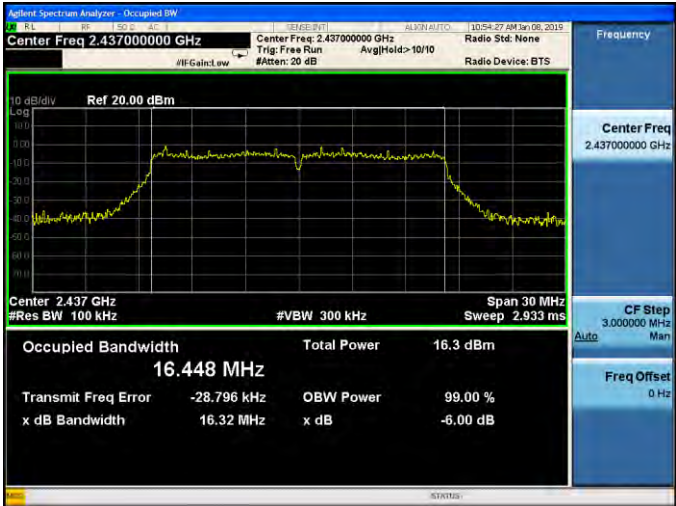
測試架構圖：

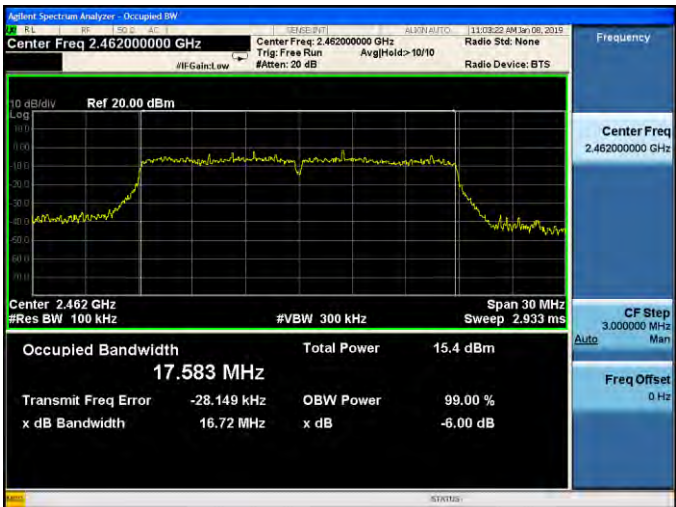


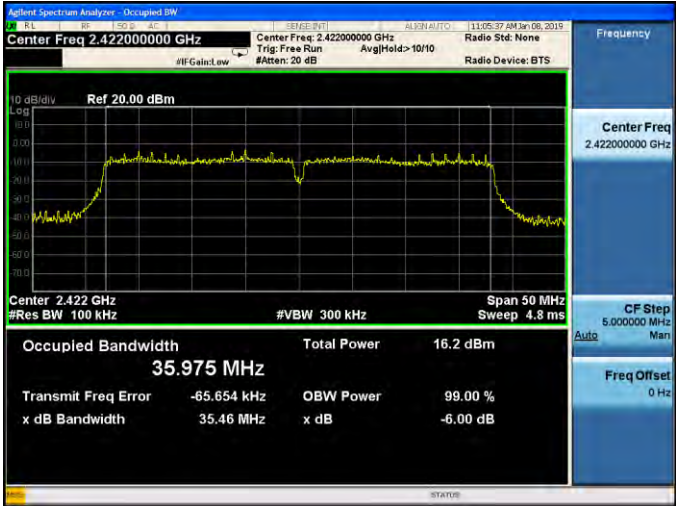
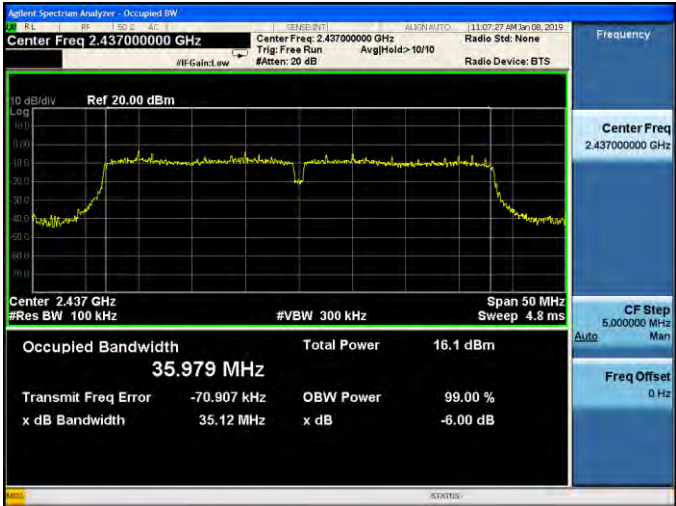
測試結果：

操作模式：Mode 2 / Mode 3 / Mode 4 / Mode 5			
操作模式	頻道	量測值 (kHz)	限制值 (kHz)
Mode 2	CH01	10060	≥ 500
	CH06	10120	≥ 500
	CH11	10120	≥ 500
Mode 3	CH01	16360	≥ 500
	CH06	16320	≥ 500
	CH11	16350	≥ 500
Mode 4	CH01	16940	≥ 500
	CH06	17190	≥ 500
	CH11	16720	≥ 500
Mode 5	CH03	35460	≥ 500
	CH06	35120	≥ 500
	CH09	35160	≥ 500
測試掃描圖請參考下頁。			

Mode 2: IEEE 802.11b Continuous TX Mode	
CH01	Agilent Spectrum Analyzer - Occupied BW Center Freq 2.412000000 GHz Trig: Free Run AvgHld: 10/10 #IF Gain: 20 dB Radio Device: BTS Ref 20.00 dBm Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 14.189 MHz Total Power 20.9 dBm Transmit Freq Error -116.49 kHz OBW Power 99.00 % x dB Bandwidth 10.06 MHz x dB -6.00 dB Frequency Center Freq 2.412000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
CH06	Agilent Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Trig: Free Run AvgHld: 10/10 #IF Gain: 20 dB Radio Device: BTS Ref 20.00 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 13.830 MHz Total Power 20.6 dBm Transmit Freq Error -149.13 kHz OBW Power 99.00 % x dB Bandwidth 10.12 MHz x dB -6.00 dB Frequency Center Freq 2.437000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
CH11	Agilent Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Trig: Free Run AvgHld: 10/10 #IF Gain: 20 dB Radio Device: BTS Ref 20.00 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 13.675 MHz Total Power 20.2 dBm Transmit Freq Error -146.51 kHz OBW Power 99.00 % x dB Bandwidth 10.12 MHz x dB -6.00 dB Frequency Center Freq 2.462000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

Mode 3: IEEE 802.11g Continuous TX Mode	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.412000000 GHz Center Freq 2.412000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 16.447 MHz Total Power 16.4 dBm Transmit Freq Error -13.879 kHz OBW Power 99.00 % x dB Bandwidth 16.36 MHz x dB -6.00 dB Frequency Center Freq 2.412000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Center Freq 2.437000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 16.448 MHz Total Power 16.3 dBm Transmit Freq Error -28.796 kHz OBW Power 99.00 % x dB Bandwidth 16.32 MHz x dB -6.00 dB Frequency Center Freq 2.437000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Center Freq 2.462000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 16.448 MHz Total Power 15.3 dBm Transmit Freq Error -33.624 kHz OBW Power 99.00 % x dB Bandwidth 16.35 MHz x dB -6.00 dB Frequency Center Freq 2.462000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.412000000 GHz Center Freq 2.412000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.581 MHz Total Power 16.5 dBm Transmit Freq Error -15.518 kHz OBW Power 99.00 % x dB Bandwidth 16.94 MHz x dB -6.00 dB Frequency Center Freq 2.412000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Center Freq 2.437000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.574 MHz Total Power 16.3 dBm Transmit Freq Error -22.495 kHz OBW Power 99.00 % x dB Bandwidth 17.19 MHz x dB -6.00 dB Frequency Center Freq 2.437000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Center Freq 2.462000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.583 MHz Total Power 15.4 dBm Transmit Freq Error -28.149 kHz OBW Power 99.00 % x dB Bandwidth 16.72 MHz x dB -6.00 dB Frequency Center Freq 2.462000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode	
CH03	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.42200000 GHz Trig: Free Run AvgHld: 10/10 #IF Gain: 20 dB Radio Device: BTS Ref 20.00 dBm Center 2.422 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms Occupied Bandwidth 35.975 MHz Total Power 16.2 dBm Transmit Freq Error -65.654 kHz OBW Power 99.00 % x dB Bandwidth 35.46 MHz x dB -6.00 dB Frequency Center Freq 2.42200000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.43700000 GHz Trig: Free Run AvgHld: 10/10 #IF Gain: 20 dB Radio Device: BTS Ref 20.00 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms Occupied Bandwidth 35.979 MHz Total Power 16.1 dBm Transmit Freq Error -70.907 kHz OBW Power 99.00 % x dB Bandwidth 35.12 MHz x dB -6.00 dB Frequency Center Freq 2.43700000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz
CH09	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.45200000 GHz Trig: Free Run AvgHld: 10/10 #IF Gain: 20 dB Radio Device: BTS Ref 20.00 dBm Center 2.452 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms Occupied Bandwidth 35.989 MHz Total Power 15.8 dBm Transmit Freq Error -96.907 kHz OBW Power 99.00 % x dB Bandwidth 35.16 MHz x dB -6.00 dB Frequency Center Freq 2.45200000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz

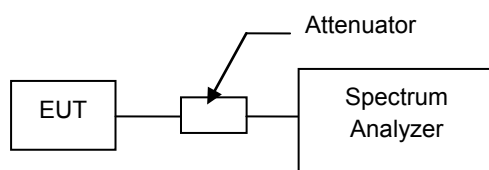
4.2.6 峰值發射電功率密度之要求

合格標準：

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.6(2)(B)節之要求，數位調變技術(Digital Modulation Techniques)系統之功率密度,再使用頻率範圍之任意 3kHz 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 8dBm(複合系統時，關閉跳頻作業狀態檢驗)。

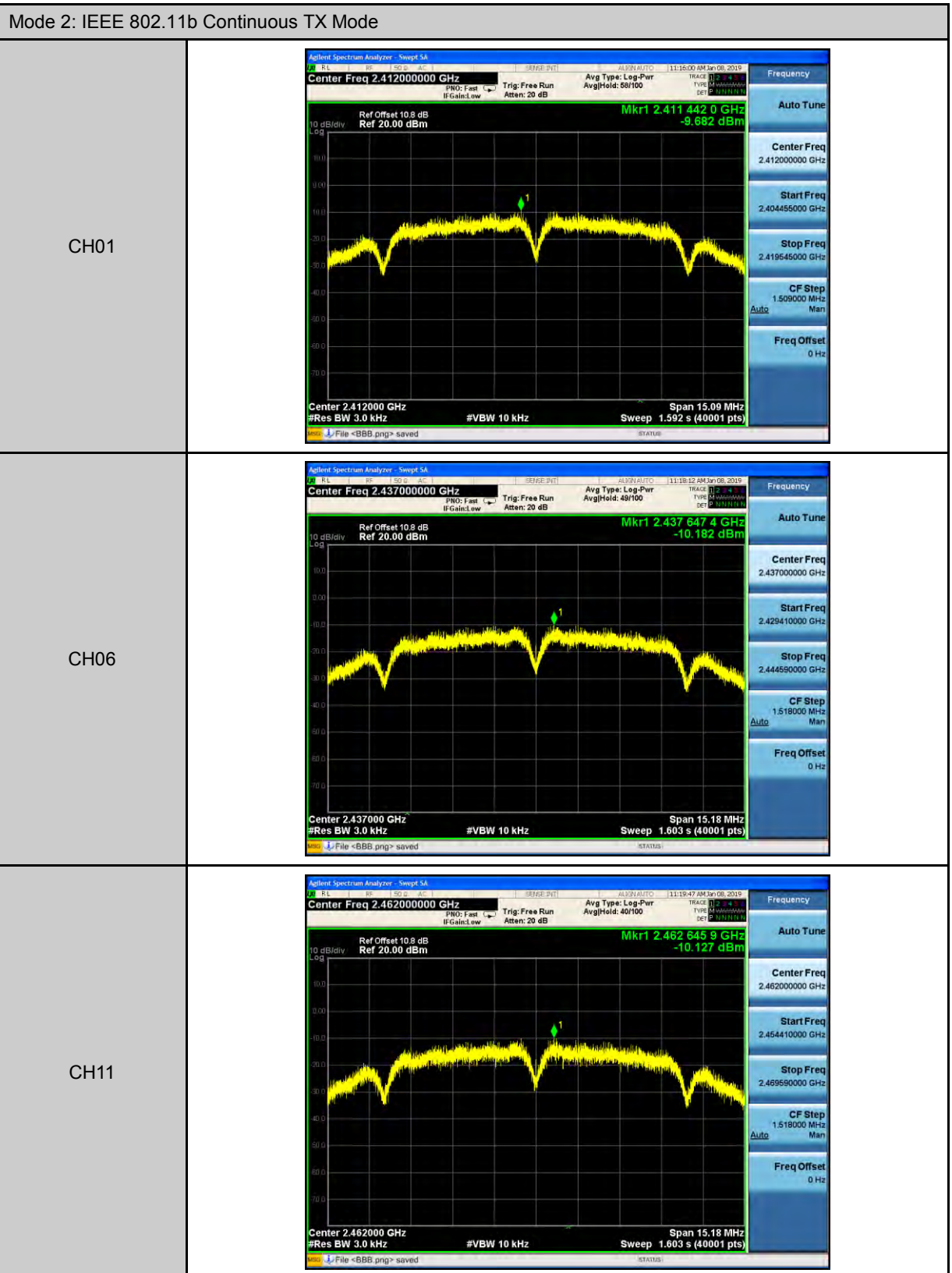
測試架構圖：

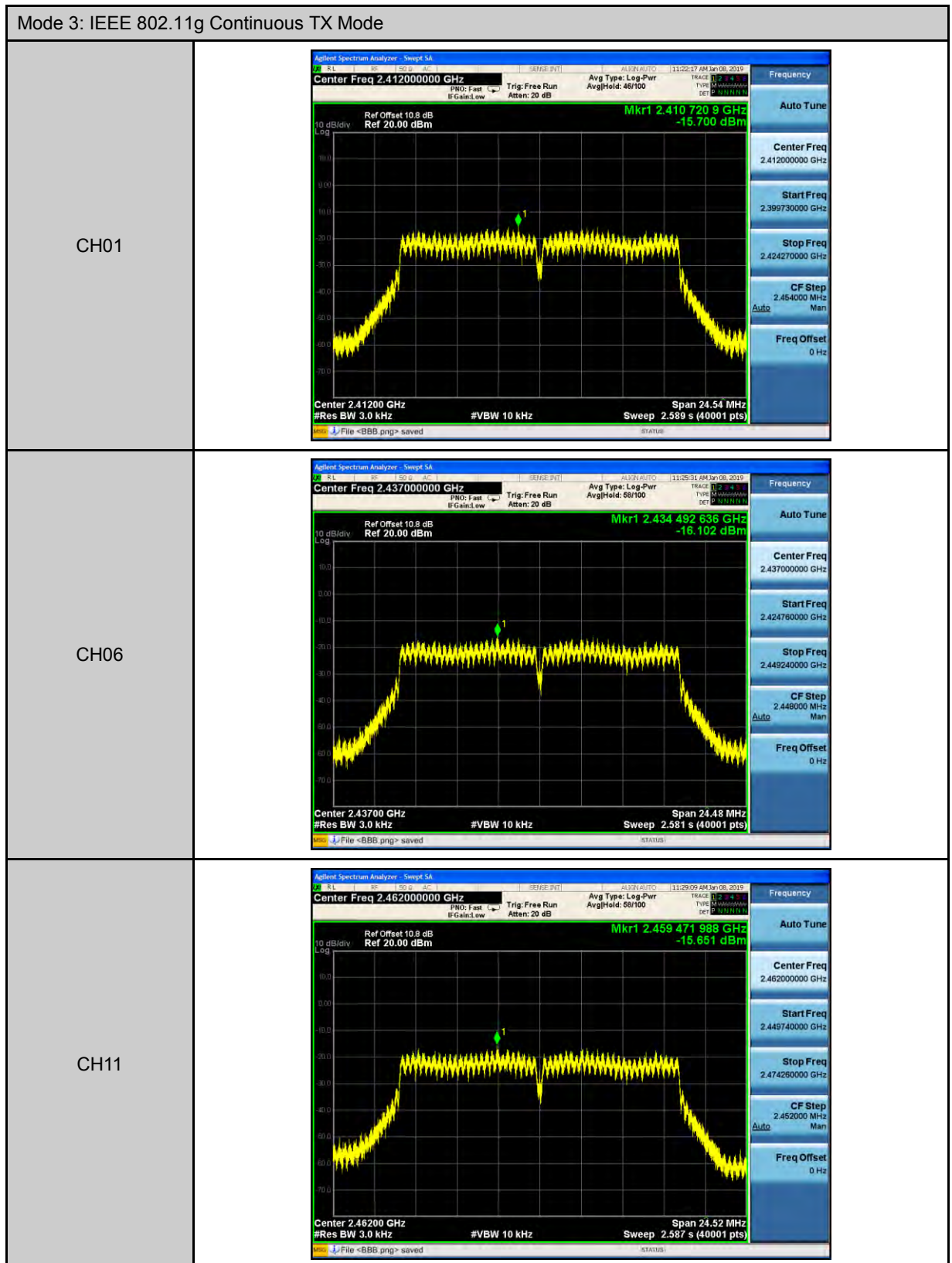
測試場地測試配置如圖所示。

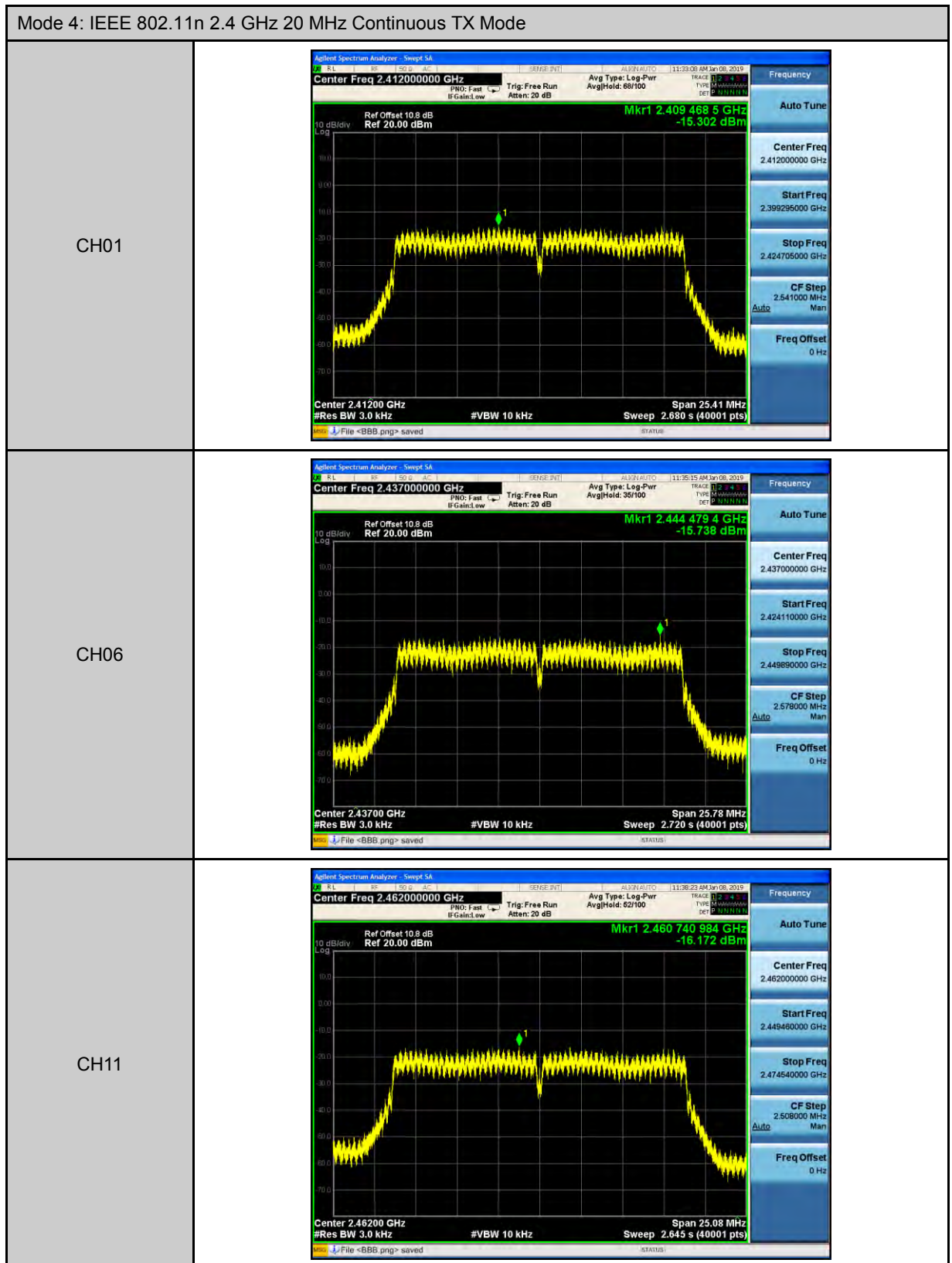


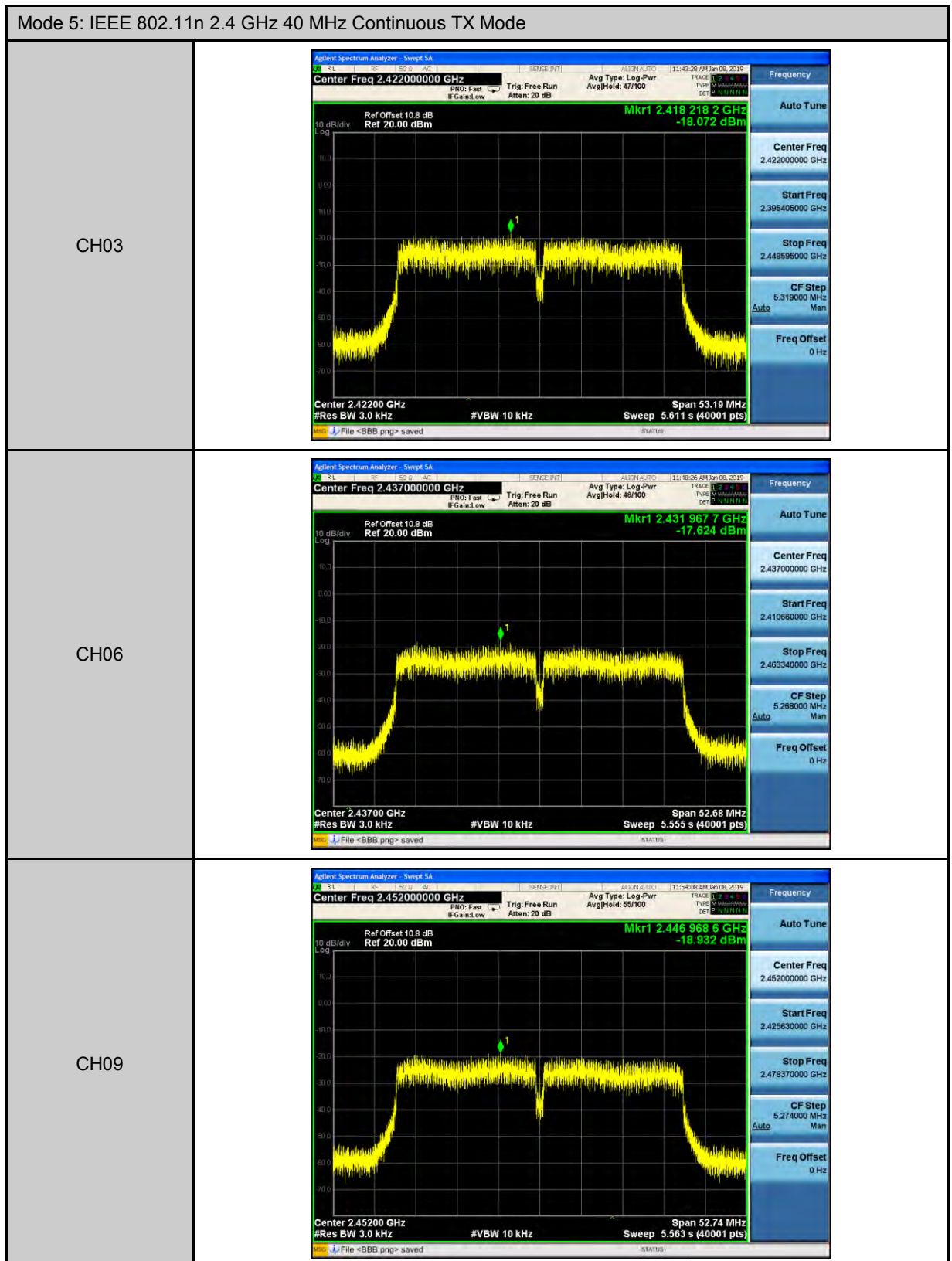
測試結果：

操作模式： Mode 2 / Mode 3 / Mode 4 / Mode 5			
測試結果： 合格			
操作模式	頻道	量測值 (dBm)	限制值 (dBm)
Mode 2	CH01	-9.682	≤ 8
	CH06	-10.182	≤ 8
	CH11	-10.127	≤ 8
Mode 3	CH01	-15.700	≤ 8
	CH06	-16.102	≤ 8
	CH11	-15.651	≤ 8
Mode 4	CH01	-15.302	≤ 8
	CH06	-15.738	≤ 8
	CH11	-16.172	≤ 8
Mode 5	CH03	-18.072	≤ 8
	CH06	-17.624	≤ 8
	CH09	-18.932	≤ 8









4.2.7 電波暴露量之評估

合格標準：

若受測物於正常操作模式下，其發射機距離人體 20 公分以上者，可測試最大暴露允許值(Maximum Permissible Exposure，MPE)以證明其符合電波暴露量之要求。限制值如下：

5.20.2.1 職業性/可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3~3.0	614	1.63	*100	6
3~30	1842/f	4.89/f	*900/f ²	6
30~300	61.4	0.163	1.0	6
300~1,500	-----	-----	f/300	6
1,500~100,000	-----	-----	5.0	6

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

5.20.2.2 一般人/不可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3~1.34	614	1.63	*100	30
1.34~30	824/f	2.19/f	*180/f ²	30
30~300	27.5	0.073	0.2	30
300~1,500	-----	-----	f/1500	30
1,500~100,000	-----	-----	1.0	30

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

判定結果:

Band	Frequency (MHz)	Limit (mW/cm ²)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm ²)
IEEE 802.11b	2412	1.0	20	14.75	2.6	1.82	1	54.334	0.0108
	2437	1.0	20	14.52	2.6	1.82	1	51.531	0.0103
	2462	1.0	20	14.41	2.6	1.82	1	50.243	0.0100
IEEE 802.11g	2412	1.0	20	10.82	2.6	1.82	1	21.982	0.0044
	2437	1.0	20	10.78	2.6	1.82	1	21.781	0.0043
	2462	1.0	20	10.48	2.6	1.82	1	20.327	0.0040
IEEE 802.11n 20 MHz	2412	1.0	20	10.52	2.6	1.82	1	20.515	0.0041
	2437	1.0	20	10.45	2.6	1.82	1	20.187	0.0040
	2462	1.0	20	10.35	2.6	1.82	1	19.727	0.0039
IEEE 802.11n 40 MHz	2422	1.0	20	10.77	2.6	1.82	1	21.731	0.0043
	2437	1.0	20	10.22	2.6	1.82	1	19.146	0.0038
	2452	1.0	20	10.10	2.6	1.82	1	18.624	0.0037

共同發射 Simultaneous MPE = WLAN 2.4G MPE + BT MPE = 0.0108 + 0.0009 = 0.0117 mW/cm²

4.3 5 GHz U-NII 檢驗項目

4.3.1 場強輻射與非必要頻帶之量測

場強輻射合格標準：

依據 NCC 低功率射頻電機技術規範(LP0002)之落於第 2.7 節禁用頻段之輻射發射，應符合第 2.8 節之規定。

依據 NCC 低功率射頻電機技術規範第 2.7 節之規定,禁用頻段如下：

頻率(MHz)	頻率(MHz)	頻率(MHz)	頻率(MHz)
0.090~0.110	108.00~138.00	1660.0~1770.0	8025.0~8500.0
0.490~0.510	149.90~150.05	1805.0~1865.0	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	2015.0~2025.0	13250~13400
5.670~5.690	240.00~285.00	2125.0~2165.0	14470~14500
6.200~6.300	322.00~335.40	2200.0~2300.0	15350~16200
8.230~8.400	399.90~410.00	2310.0~2390.0	17700~21400
12.265~12.600	485.00~510.00	2483.5~2900.0	22010~23120
13.340~13.430	608.00~614.00	3260.0~3267.0	23600~24000
14.965~15.020	703.00~748.00	3332.0~3339.0	31200~31800
16.700~16.755	758.00~803.00	3345.8~3358.0	36430~36500
19.965~20.020	825.00~915.00	3500.0~4400.0	38600 以上
25.500~25.700	930.00~1240.0	4500.0~5250.0	
37.475~38.275	1300.0~1427.0	5350.0~5460.0	
73.500~75.400	1435.0~1626.5	7250.0~7750.0	

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

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

非必要頻帶合格標準：

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.4 節之要：

不必要發射之限值：在操作頻帶外的峰值發射應衰減至符合下列限值：

1. 在 5.15 GHz~5.35 GHz 及 5.470 GHz~5.725 GHz 頻帶操作的發射器：帶外發射之有效等向輻射功率(EIRP) $\leq$ -27dBm/MHz。
2. 在 5.725 GHz~5.850 GHz 的頻帶操作之發射器：所有頻帶邊緣的頻率發射，其有效等向輻射功率(EIRP) $\leq$ 27 dBm/MHz；所有頻帶邊緣向外 5 MHz 內頻率之發射從有效等向輻射功率(EIRP) $\leq$ 27 dBm/MHz 線性減少至有效等向輻射功率(EIRP) $\leq$ 15.6 dBm/MHz；所有頻帶邊緣向外 25 MHz 內頻率之發射從有效等向輻射功率(EIRP) $\leq$ 15.6 dBm/MHz 線性減少至有效等向輻射功率(EIRP) $\leq$ 10 dBm/MHz；所有頻帶邊緣向外 75 MHz 內頻率之發射從有效等向輻射功率(EIRP) $\leq$ 10 dBm/MHz 線性減少至有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz；所有頻帶邊緣向外 75 MHz 頻率之發射的有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz。
3. 量測不必要發射時，應使用之最低解析頻寬為 1 MHz。必要時，於頻帶邊緣附近可使用小於 1 MHz 之解析頻寬，並以補償方式計算其總值。
4. 當測量不必要發射之限值時，應將待測物的載波頻率調整到儘可能接近設備設計所允許的上、下頻帶邊緣。
5. 在 1 GHz 以下的不必要之發射，應符合第 2.8 條之規定，任何使用市電為供應電源之設備亦須符合 2.3 條之電源線傳導限值。
6. 不必要發射頻率屬第 2.7 條規定頻帶者，應符合第 2.8 條之規定。

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。

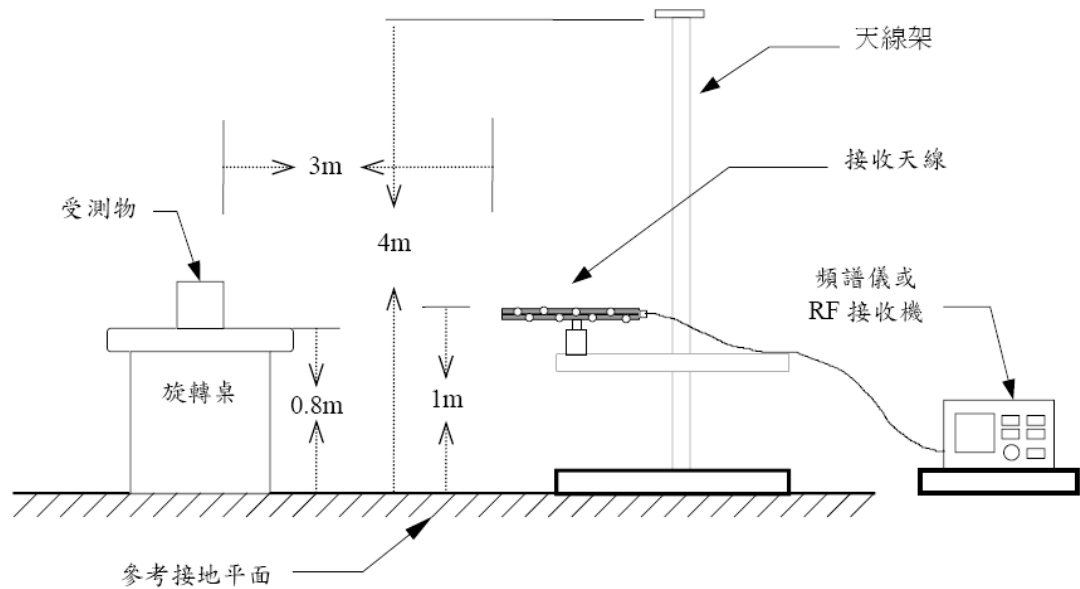
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

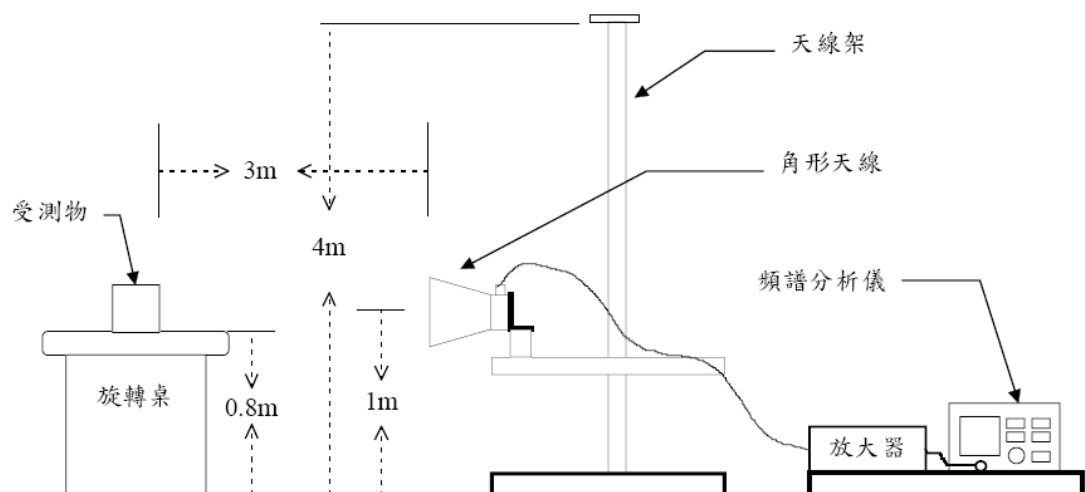
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

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



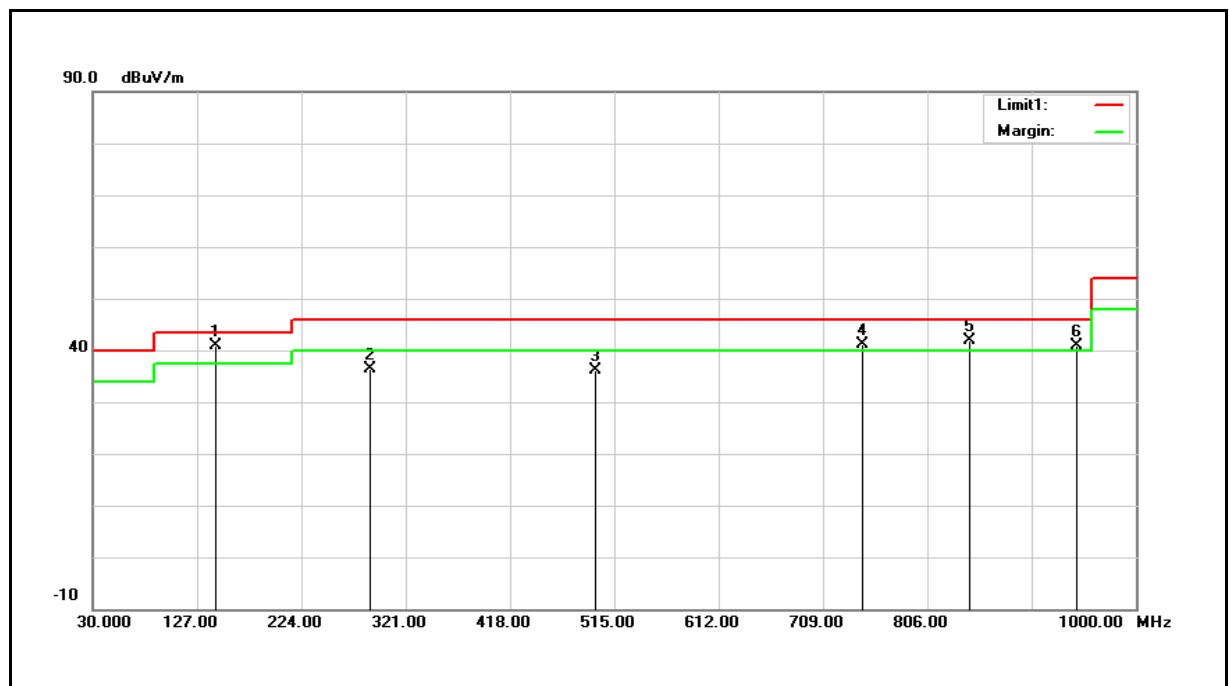
測試結果:

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

場強輻射之量測依據輸出峰值功率之量測結果取其最大值之操作模式為場強輻射測試模式。

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Test Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Frequency	5720 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	144.4600	46.68	-5.92	40.76	43.50	-2.74	QP
2	288.0200	40.39	-4.04	36.35	46.00	-9.65	QP
3	497.5400	36.05	0.13	36.18	46.00	-9.82	QP
4	745.8600	35.75	5.44	41.19	46.00	-4.81	QP
5	844.8000	34.89	7.01	41.90	46.00	-4.10	QP
6	944.7100	32.14	8.75	40.89	46.00	-5.11	QP

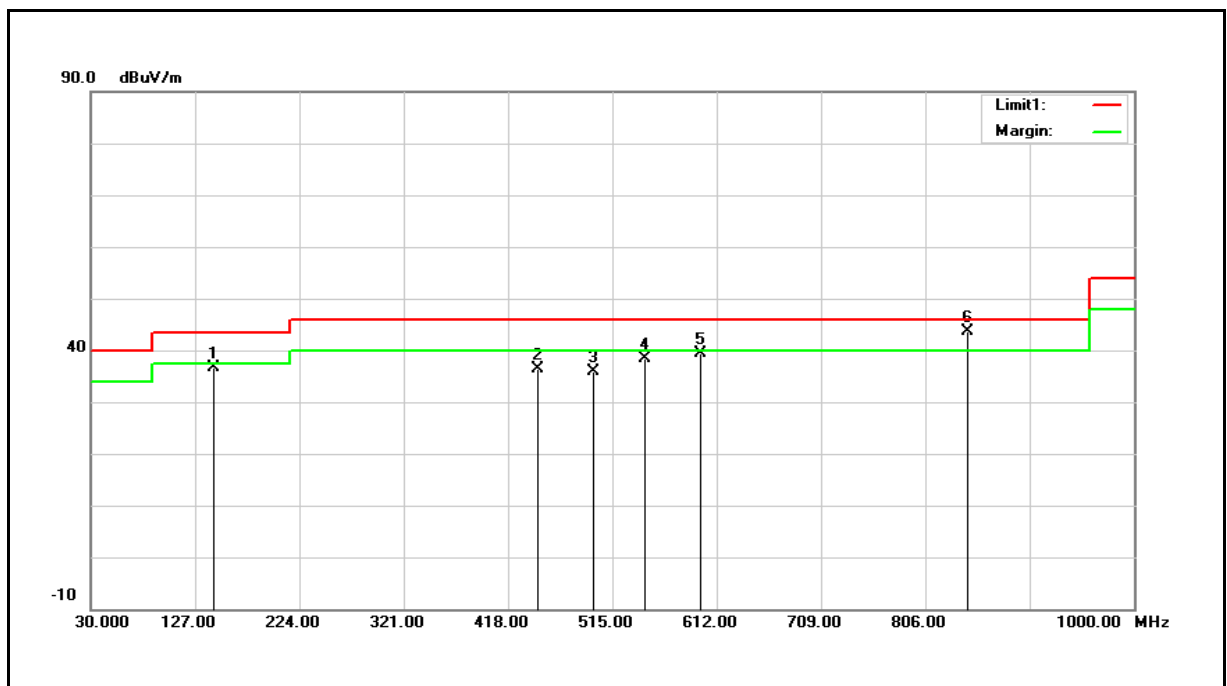
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: 40.76 = -5.92 + 46.68

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:	Harmonic	Power:	DC 12 V
Test Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Frequency	5720 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	144.4600	42.65	-5.92	36.73	43.50	-6.77	QP
2	446.1300	36.87	-0.49	36.38	46.00	-9.62	QP
3	497.5400	35.70	0.13	35.83	46.00	-10.17	QP
4	545.0700	37.51	0.97	38.48	46.00	-7.52	QP
5	596.4800	36.91	2.38	39.29	46.00	-6.71	QP
6	844.8000	36.64	7.01	43.65	46.00	-2.35	QP

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

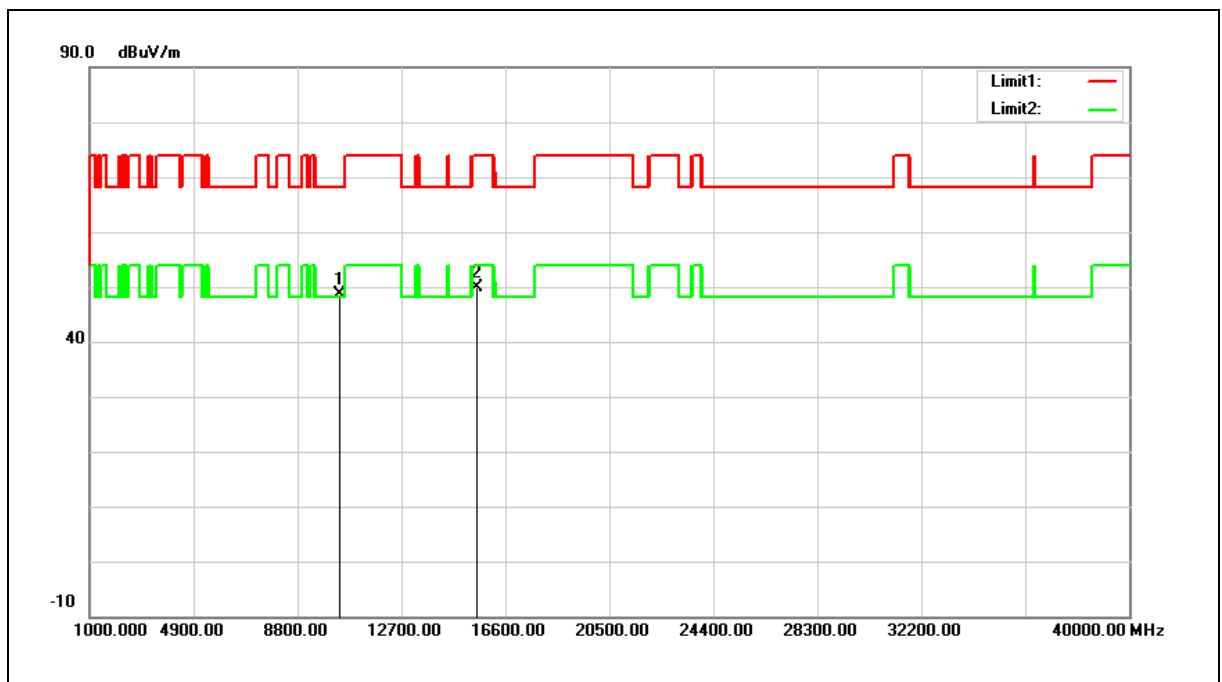
Example: 36.73= -5.92+42.65

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

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

場強輻射量側 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
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	10360.000	31.99	16.66	48.65	68.20	-19.55	peak
2	15540.000	30.47	19.46	49.93	74.00	-24.07	peak

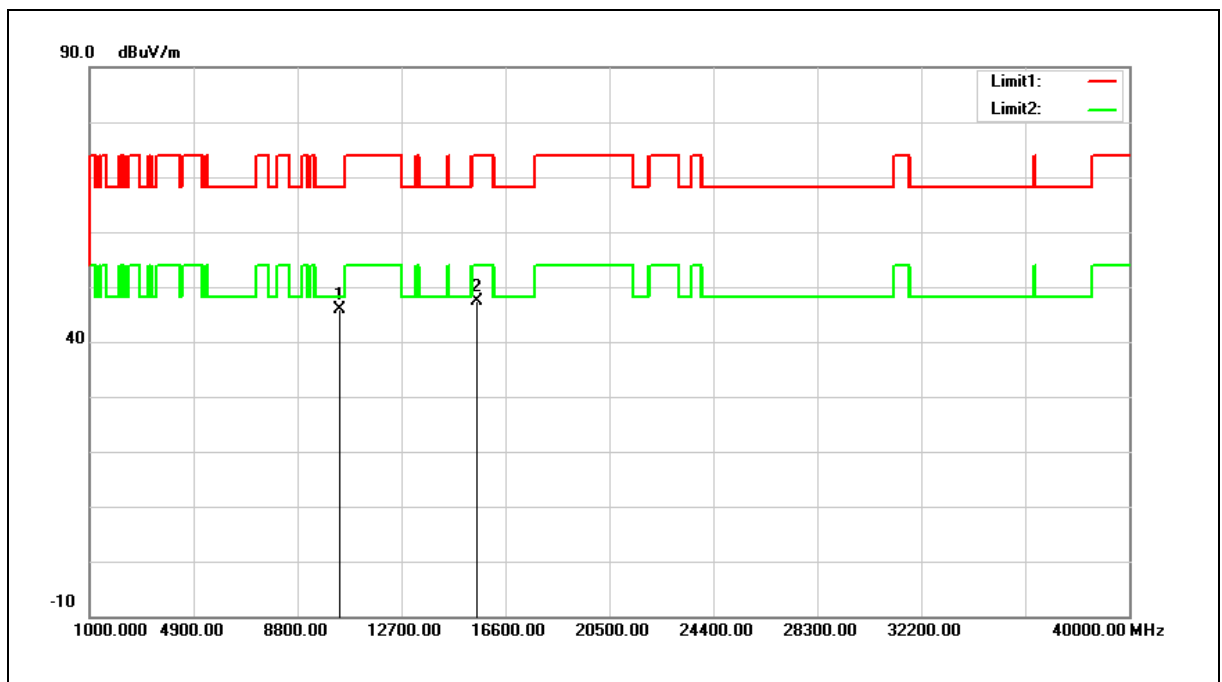
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: 48.65 = 16.66 + 31.99

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	Power:	DC 12 V
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
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	10360.000	29.25	16.66	45.91	68.20	-22.29	peak
2	15540.000	27.84	19.46	47.30	74.00	-26.70	peak

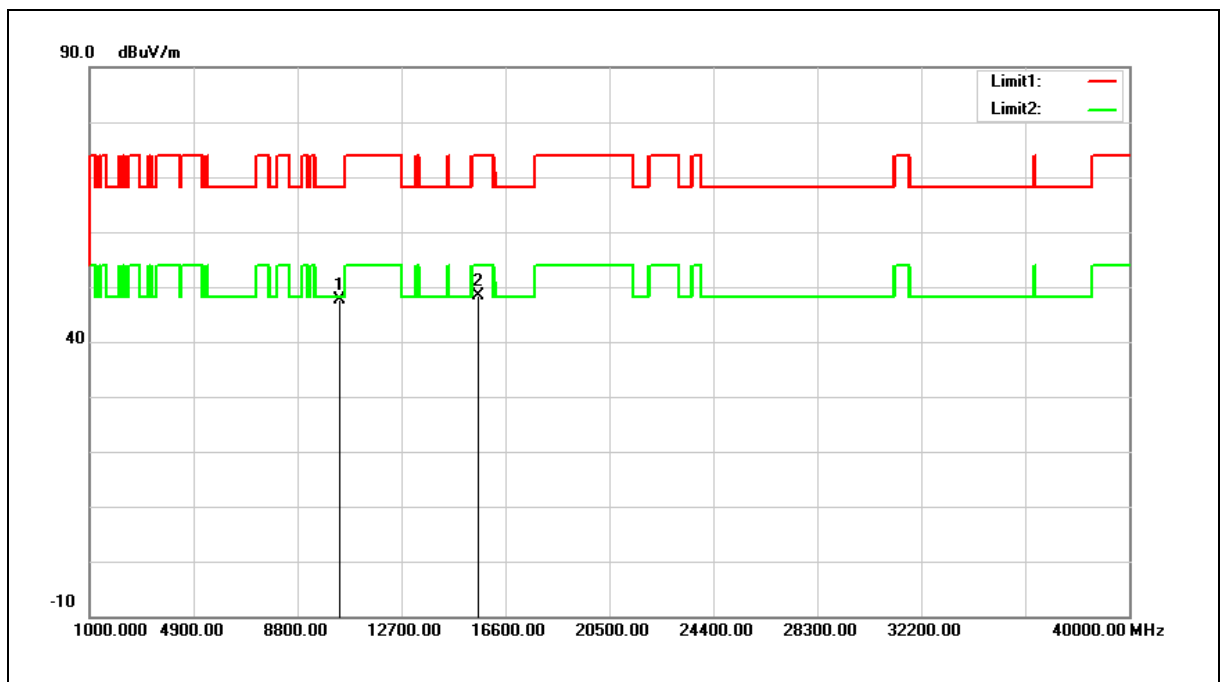
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example:45.91=16.66+29.25

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	Power:	DC 12 V
Frequency:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



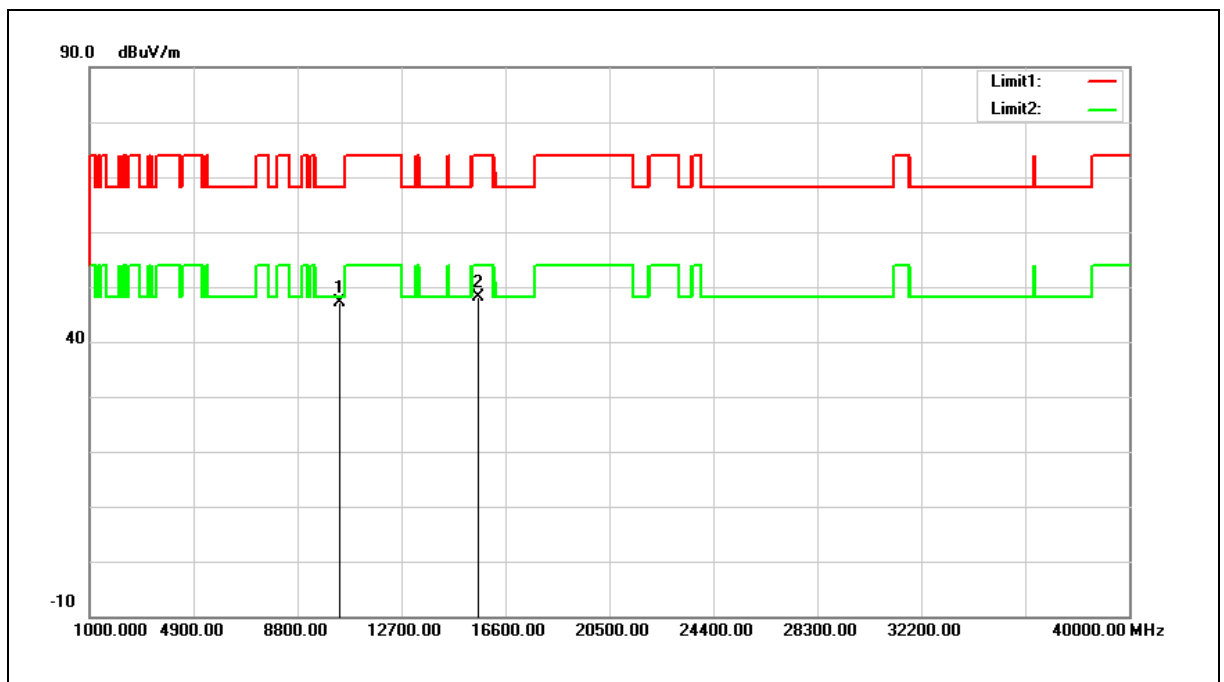
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	30.82	16.79	47.61	68.20	-20.59	peak
2	15600.000	29.09	19.29	48.38	74.00	-25.62	peak

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	Power:	DC 12 V
Frequency:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



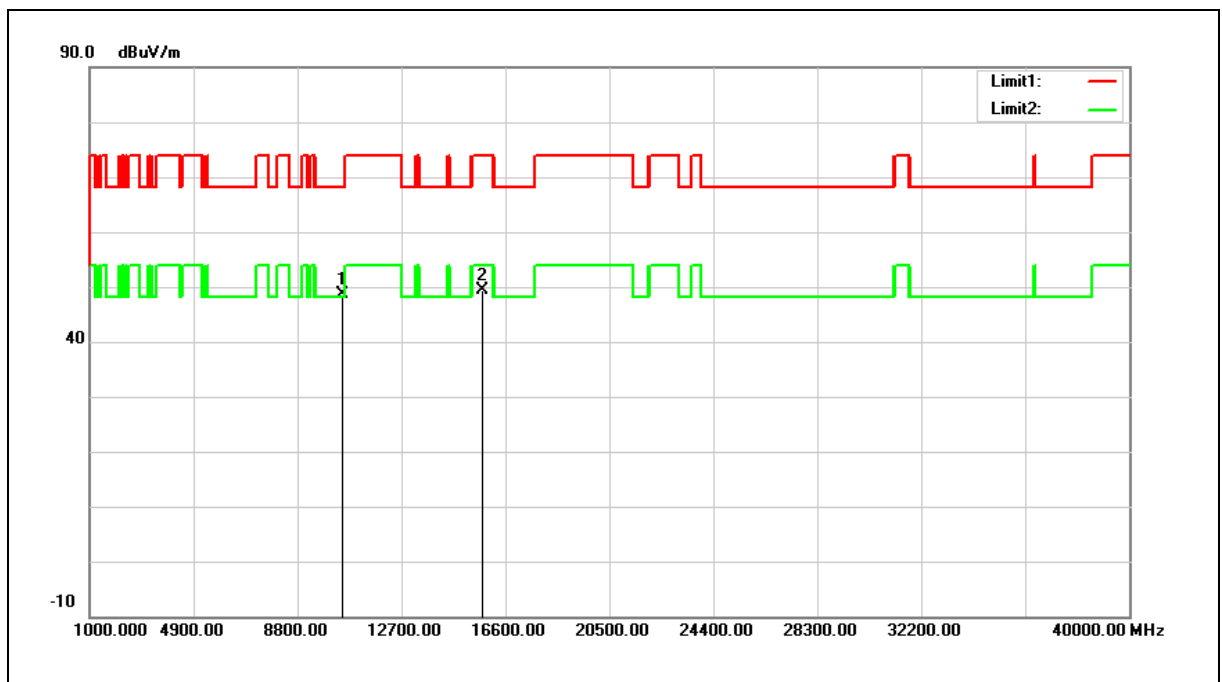
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	30.22	16.79	47.01	68.20	-21.19	peak
2	15600.000	28.89	19.29	48.18	74.00	-25.82	peak

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	Power:	DC 12 V
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



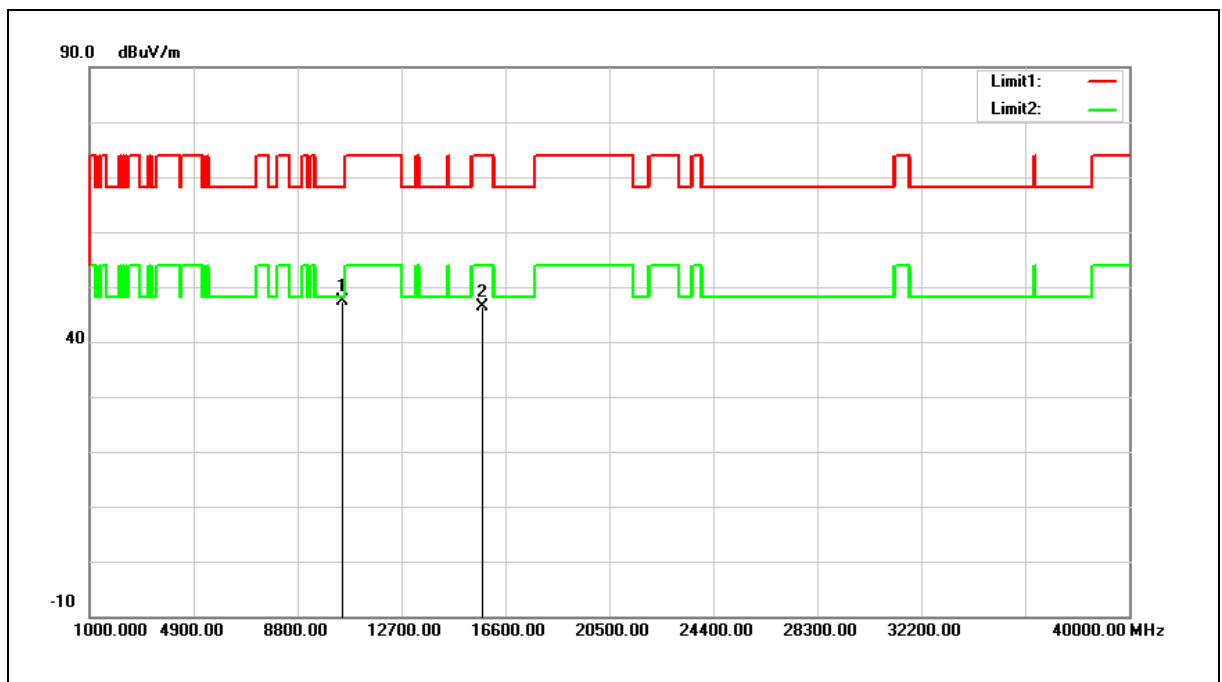
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	31.65	17.05	48.70	68.20	-19.50	peak
2	15720.000	30.51	18.94	49.45	74.00	-24.55	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



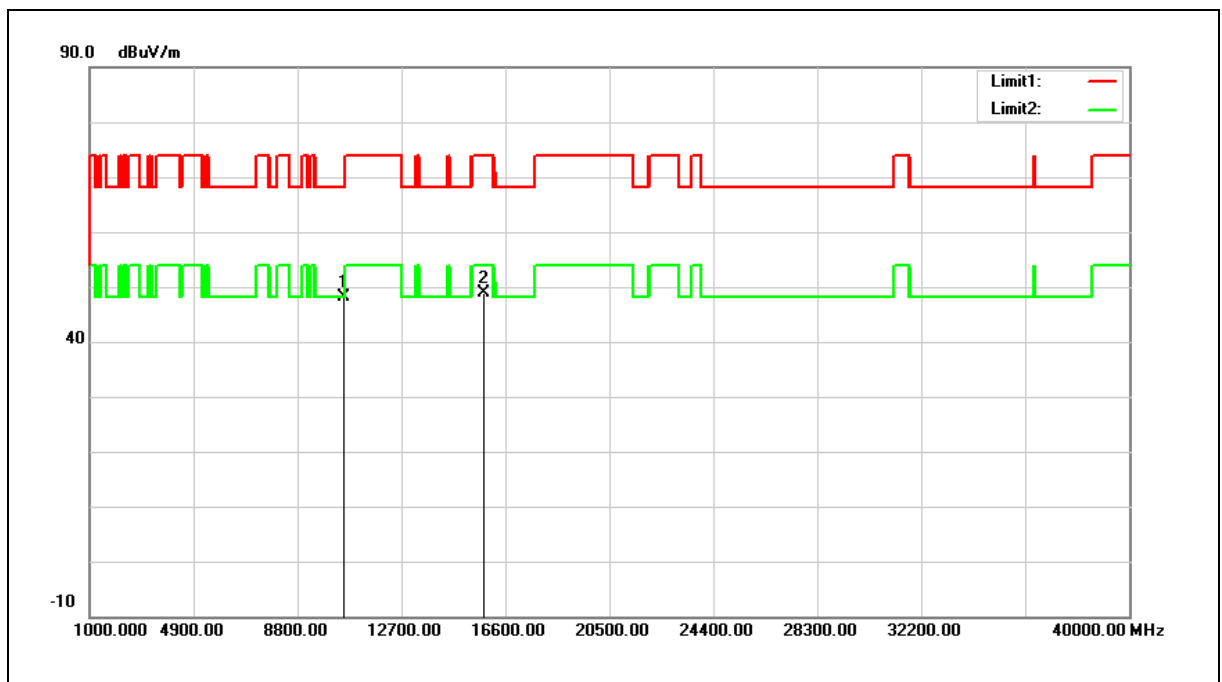
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	30.41	17.05	47.46	68.20	-20.74	peak
2	15720.000	27.52	18.94	46.46	74.00	-27.54	peak

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	Power:	DC 12 V
Frequency:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



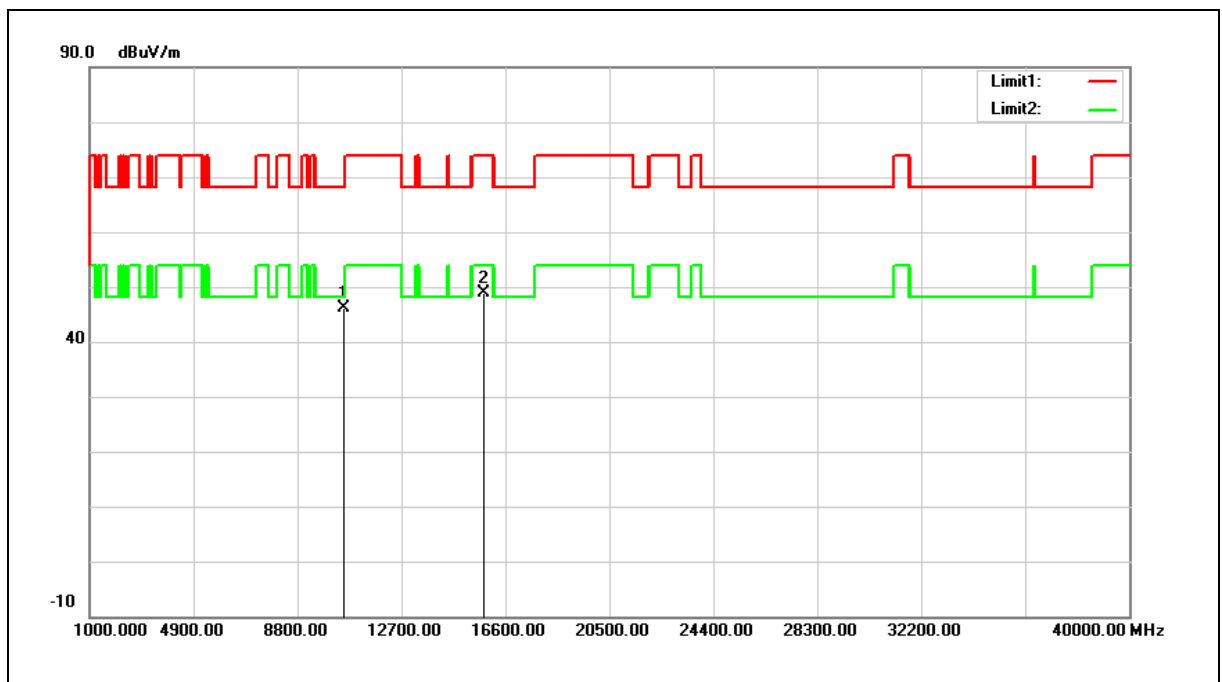
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	30.95	17.17	48.12	68.20	-20.08	peak
2	15780.000	30.19	18.76	48.95	74.00	-25.05	peak

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	Power:	DC 12 V
Frequency:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



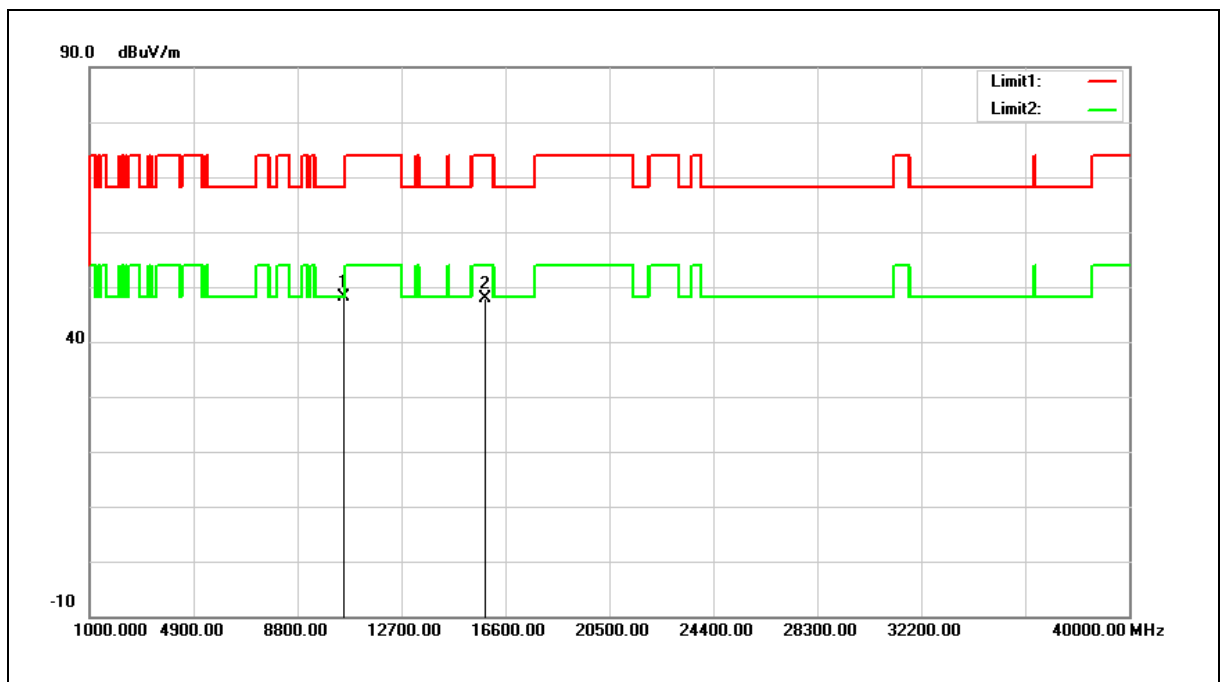
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	28.93	17.17	46.10	68.20	-22.10	peak
2	15780.000	30.20	18.76	48.96	74.00	-25.04	peak

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	Power:	DC 12 V
Frequency:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



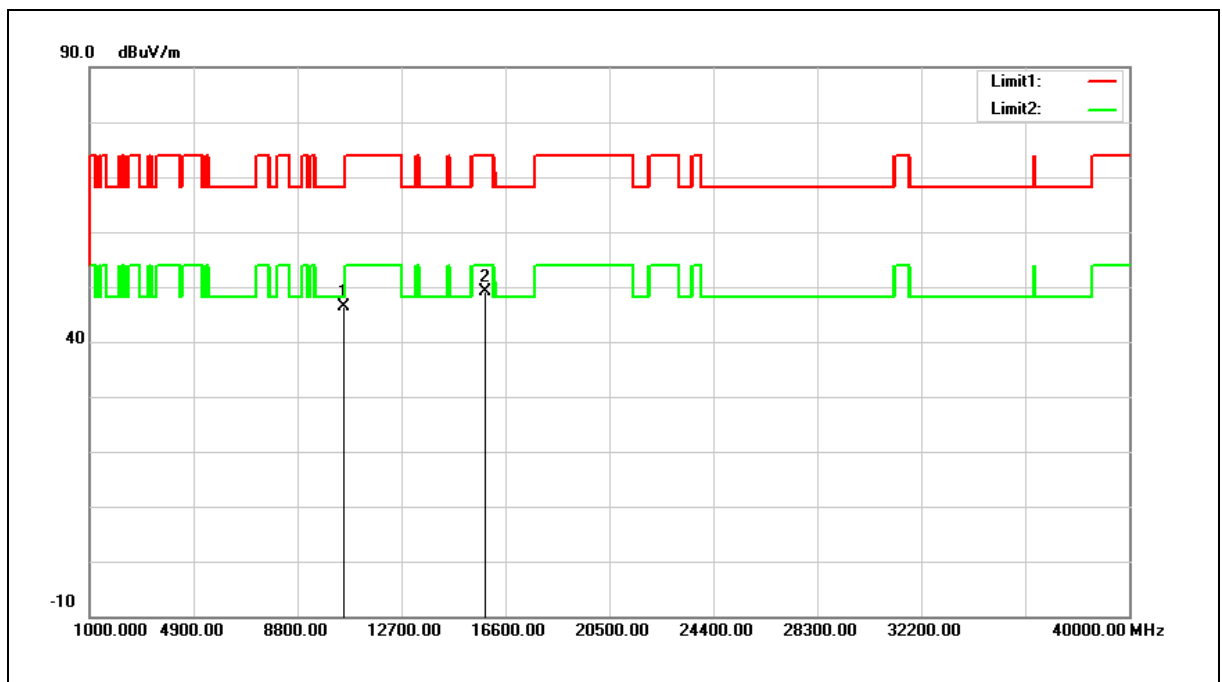
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	30.77	17.28	48.05	68.20	-20.15	peak
2	15840.000	29.17	18.59	47.76	74.00	-26.24	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



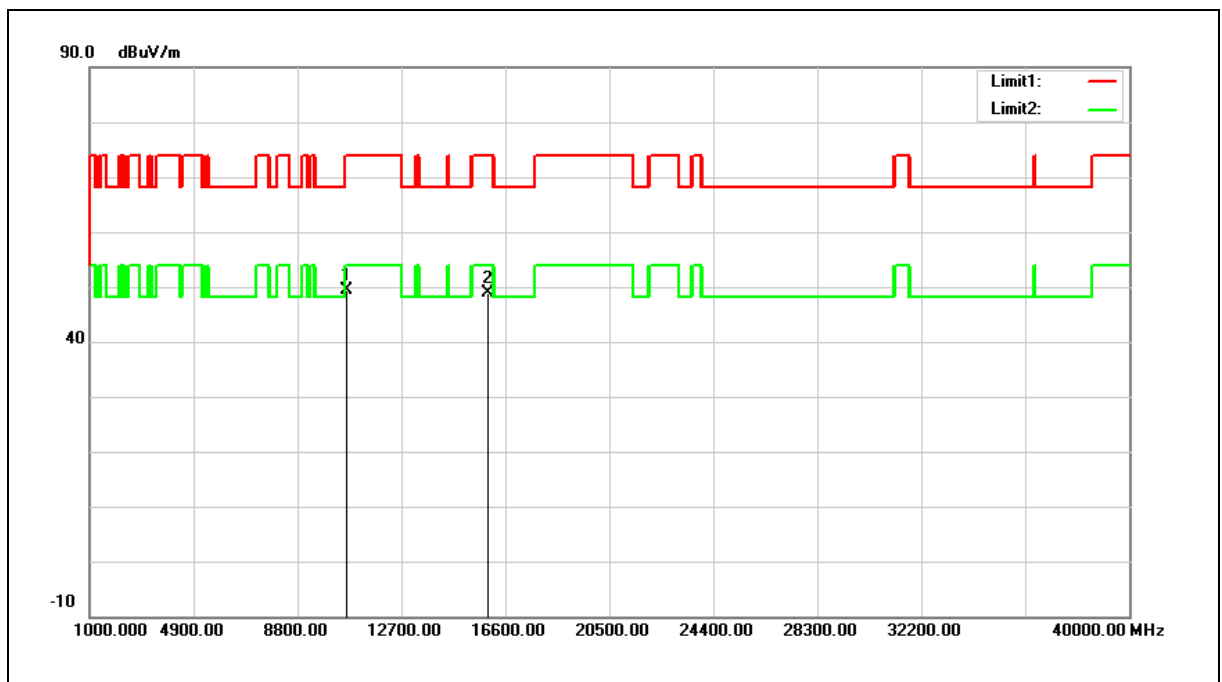
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	29.12	17.28	46.40	68.20	-21.80	peak
2	15840.000	30.46	18.59	49.05	74.00	-24.95	peak

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	Power:	DC 12 V
Frequency:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



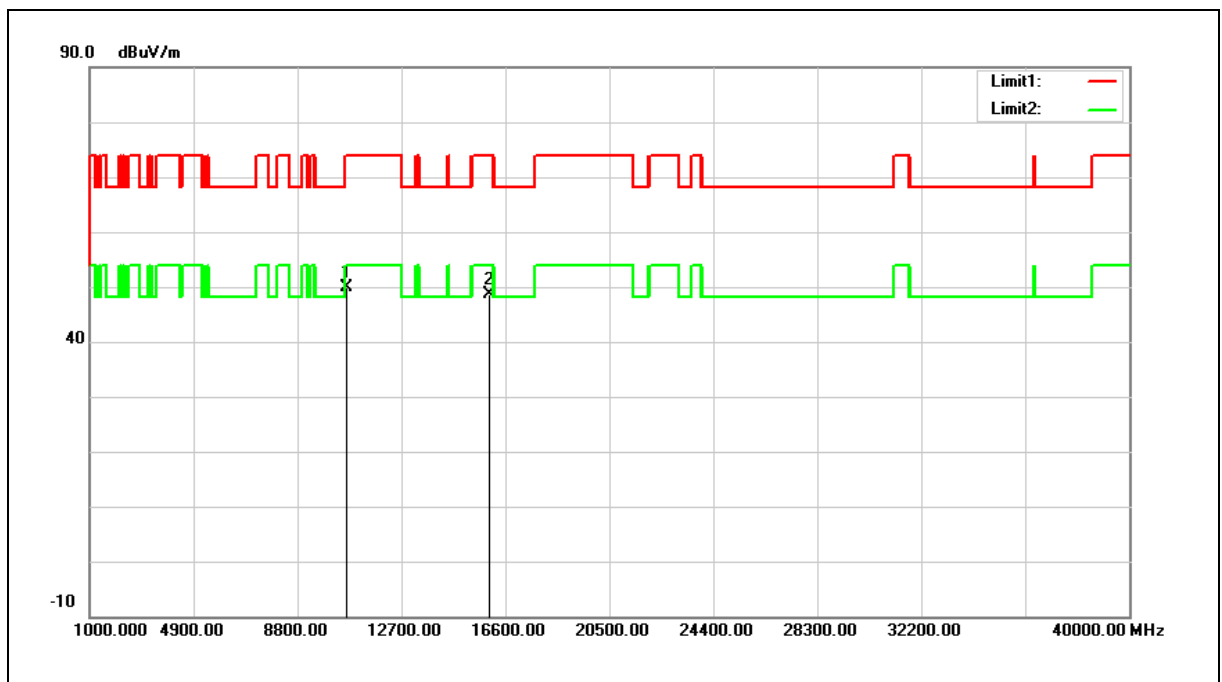
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	31.91	17.52	49.43	74.00	-24.57	peak
2	15960.000	30.63	18.24	48.87	74.00	-25.13	peak

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	Power:	DC 12 V
Frequency:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



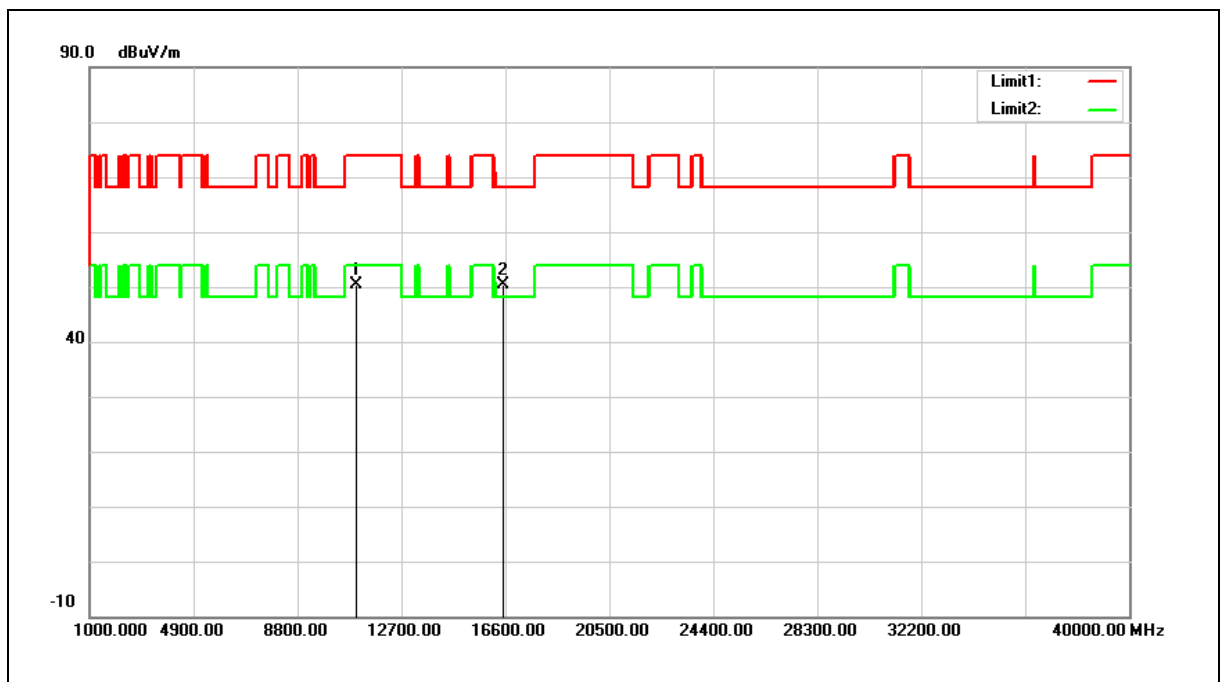
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	32.42	17.52	49.94	74.00	-24.06	peak
2	15960.000	30.39	18.24	48.63	74.00	-25.37	peak

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	Power:	DC 12 V
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



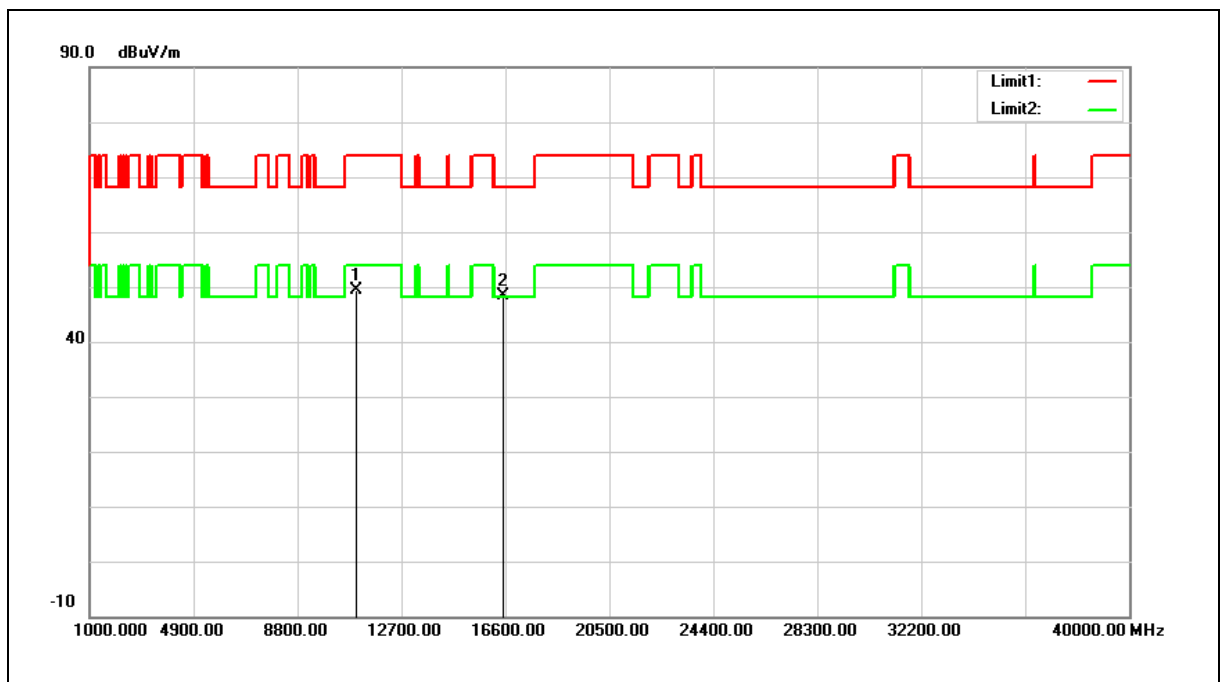
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	31.94	18.56	50.50	74.00	-23.50	peak
2	16500.000	29.77	20.50	50.27	68.20	-17.93	peak

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	Power:	DC 12 V
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



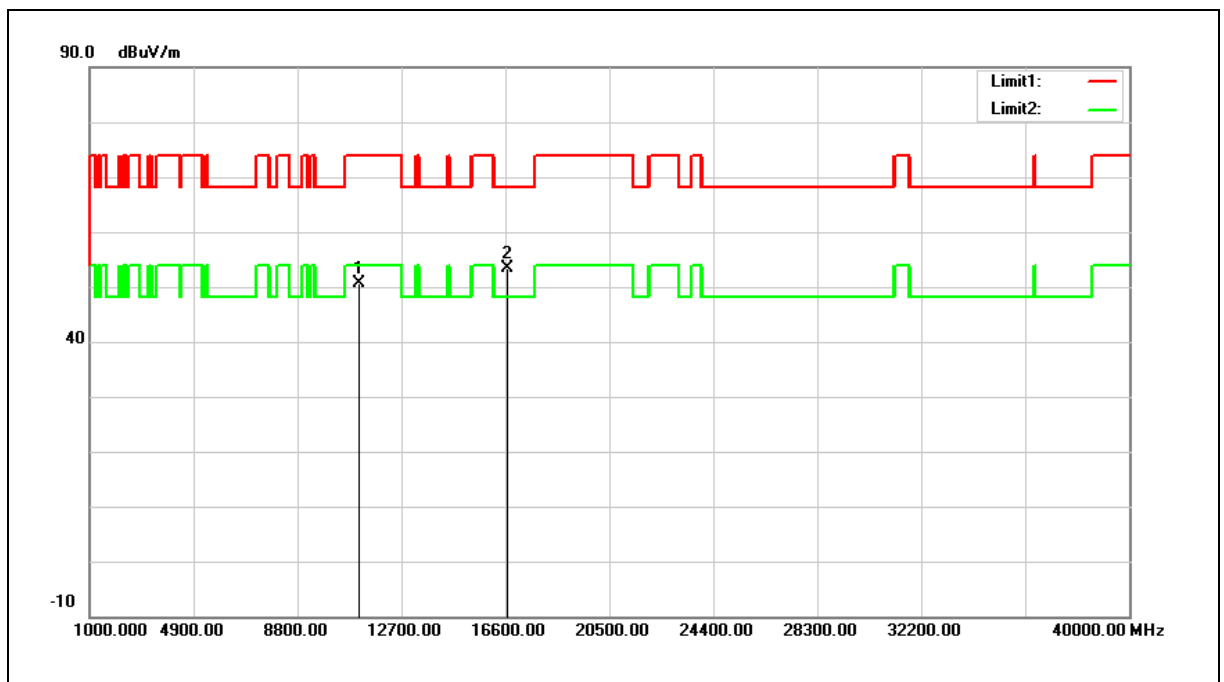
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	30.71	18.56	49.27	74.00	-24.73	peak
2	16500.000	27.85	20.50	48.35	68.20	-19.85	peak

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	Power:	DC 12 V
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



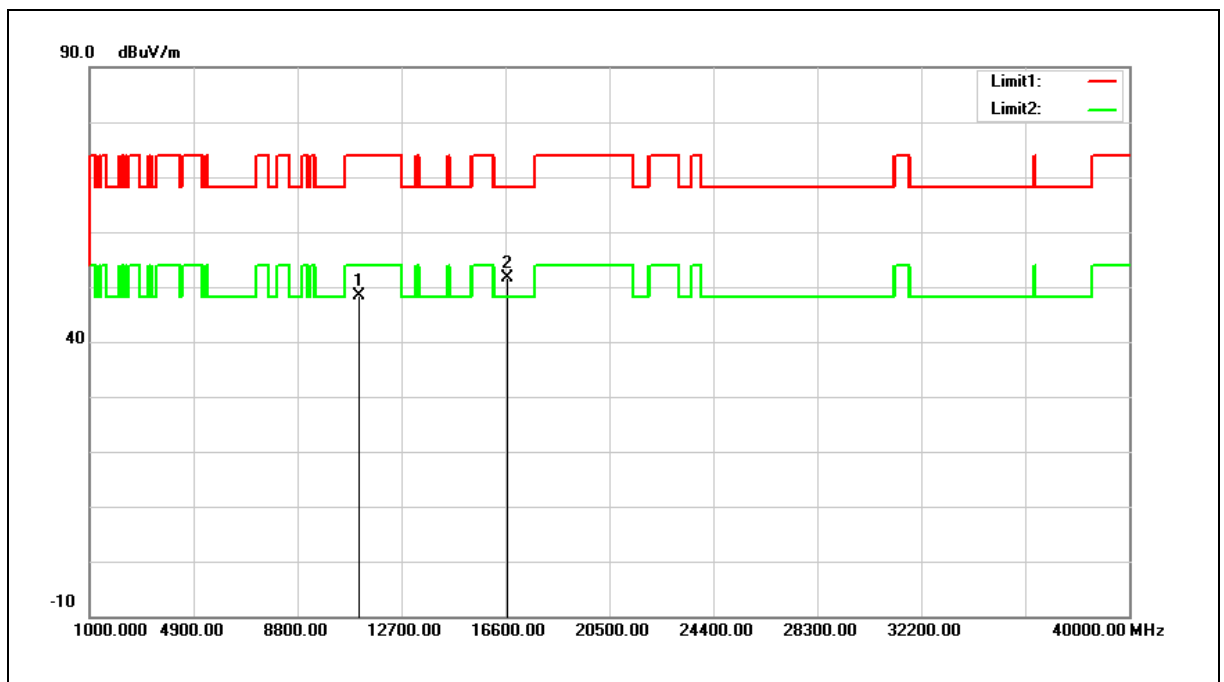
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	32.08	18.60	50.68	74.00	-23.32	peak
2	16680.000	32.06	21.28	53.34	68.20	-14.86	peak

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	Power:	DC 12 V
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



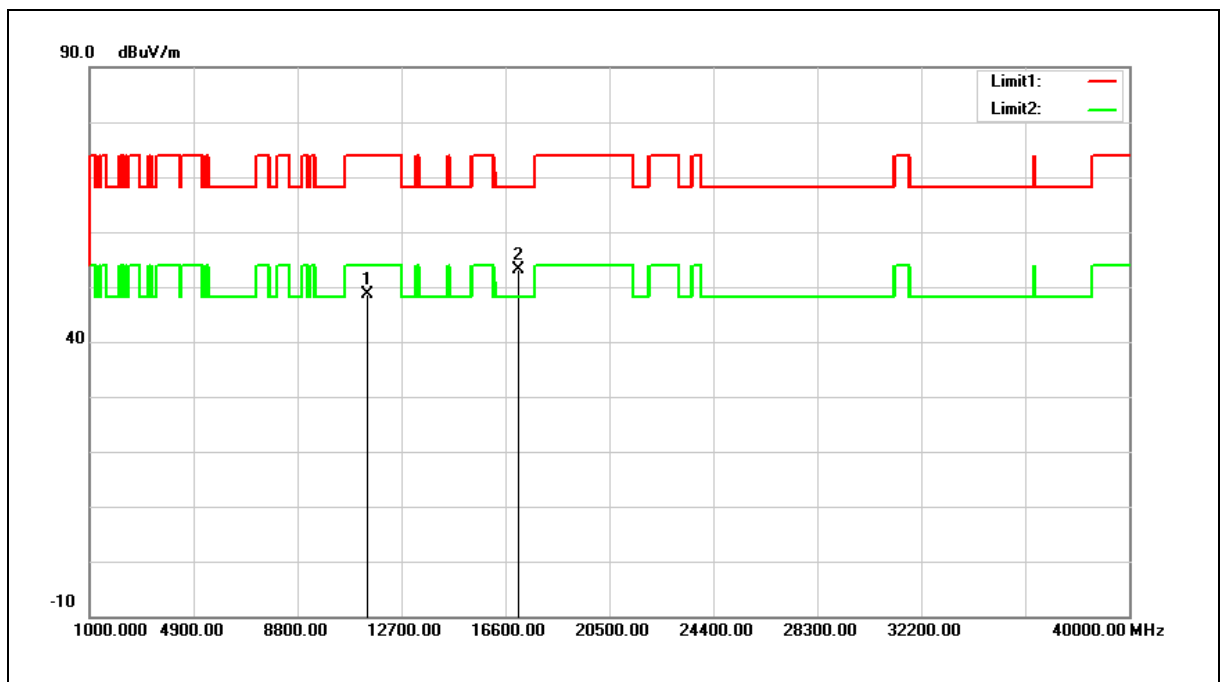
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	29.83	18.60	48.43	74.00	-25.57	peak
2	16680.000	30.23	21.28	51.51	68.20	-16.69	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



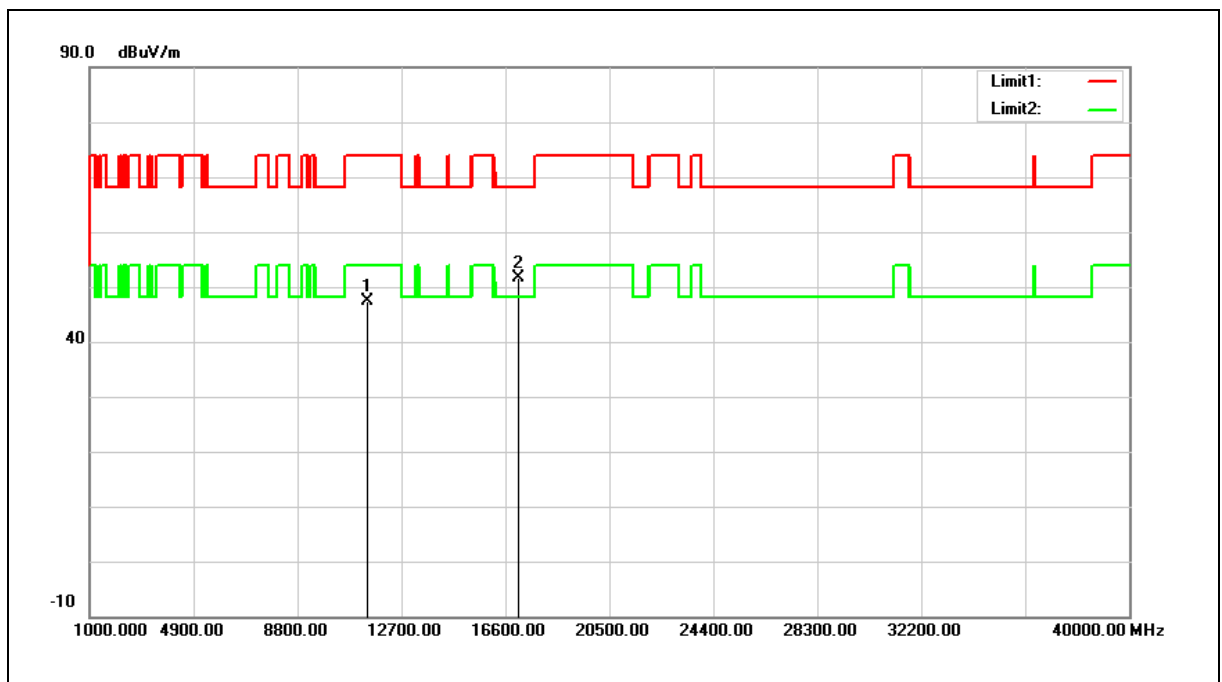
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	29.88	18.66	48.54	74.00	-25.46	peak
2	17100.000	29.91	23.23	53.14	68.20	-15.06	peak

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	Power:	DC 12 V
Frequency:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



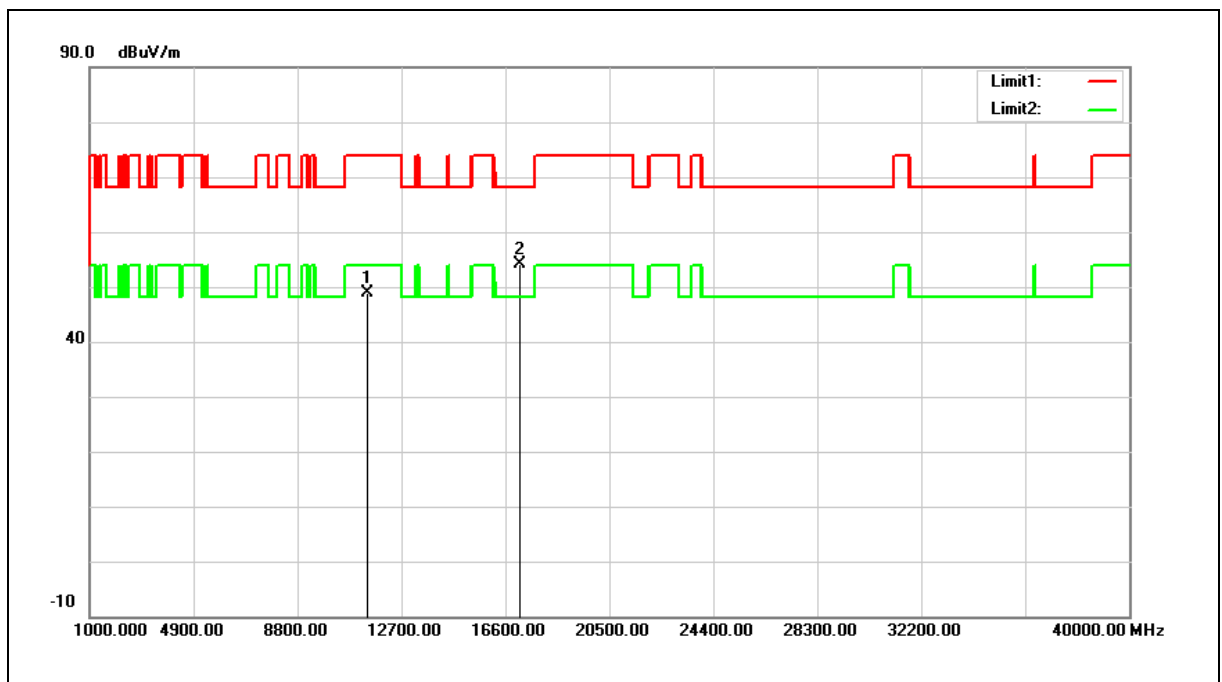
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	28.78	18.66	47.44	74.00	-26.56	peak
2	17100.000	28.37	23.23	51.60	68.20	-16.60	peak

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	Power:	DC 12 V
Frequency:	5720 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



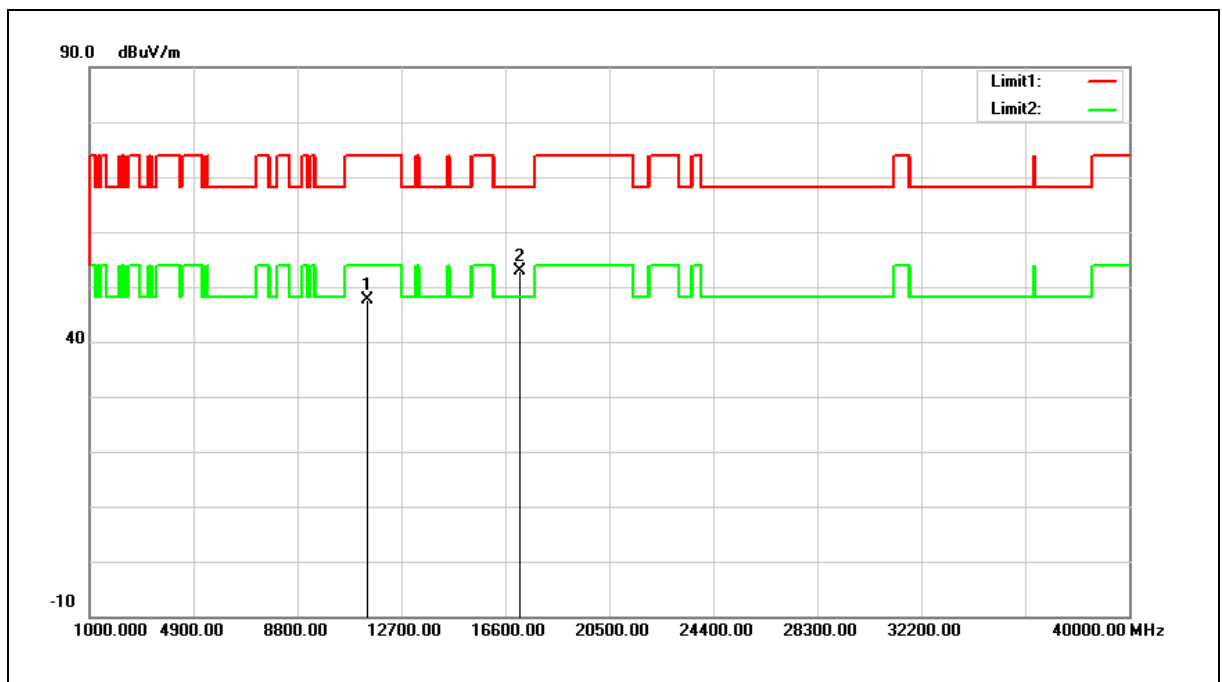
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11440.000	30.32	18.68	49.00	74.00	-25.00	peak
2	17160.000	30.47	23.57	54.04	68.20	-14.16	peak

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	Power:	DC 12 V
Frequency:	5720 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



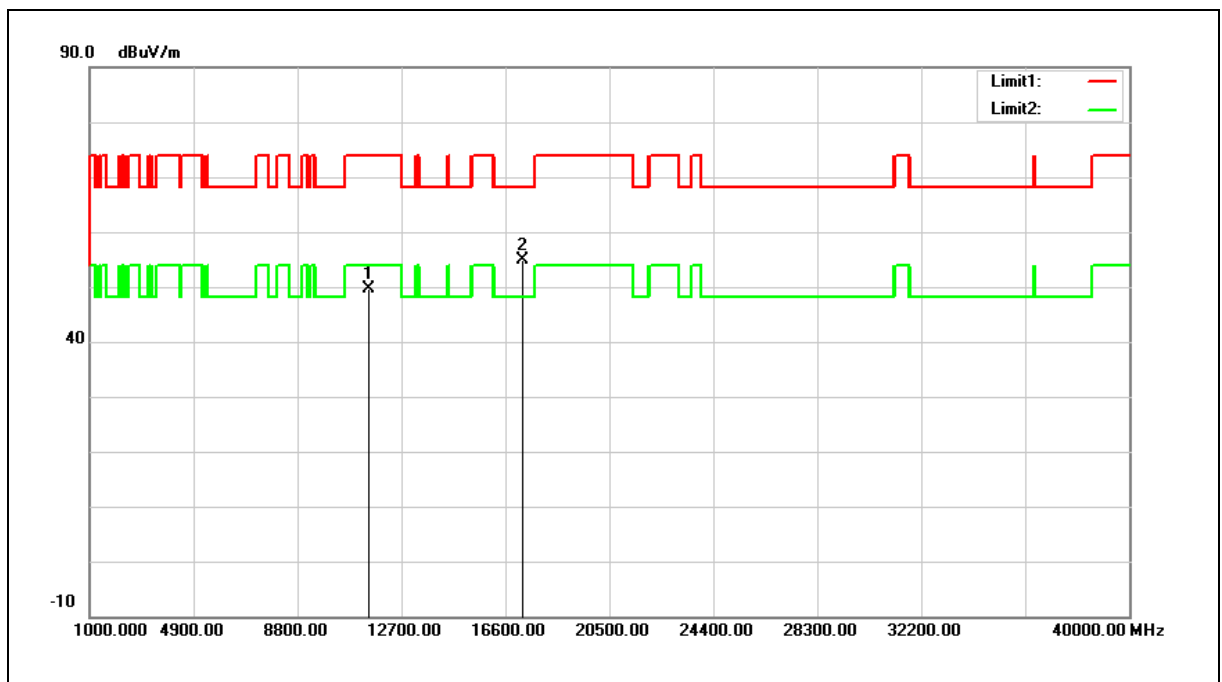
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11440.000	28.85	18.68	47.53	74.00	-26.47	peak
2	17160.000	29.35	23.57	52.92	68.20	-15.28	peak

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	Power:	DC 12 V
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



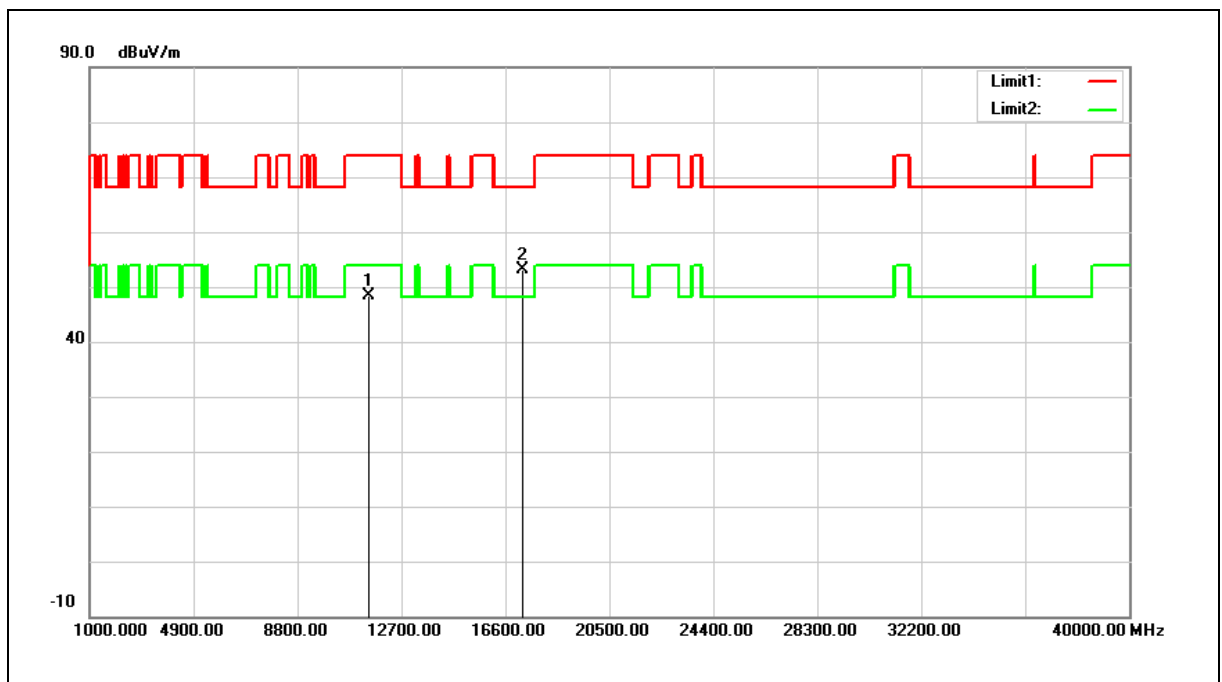
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	30.99	18.68	49.67	74.00	-24.33	peak
2	17235.000	30.96	23.97	54.93	68.20	-13.27	peak

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	Power:	DC 12 V
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



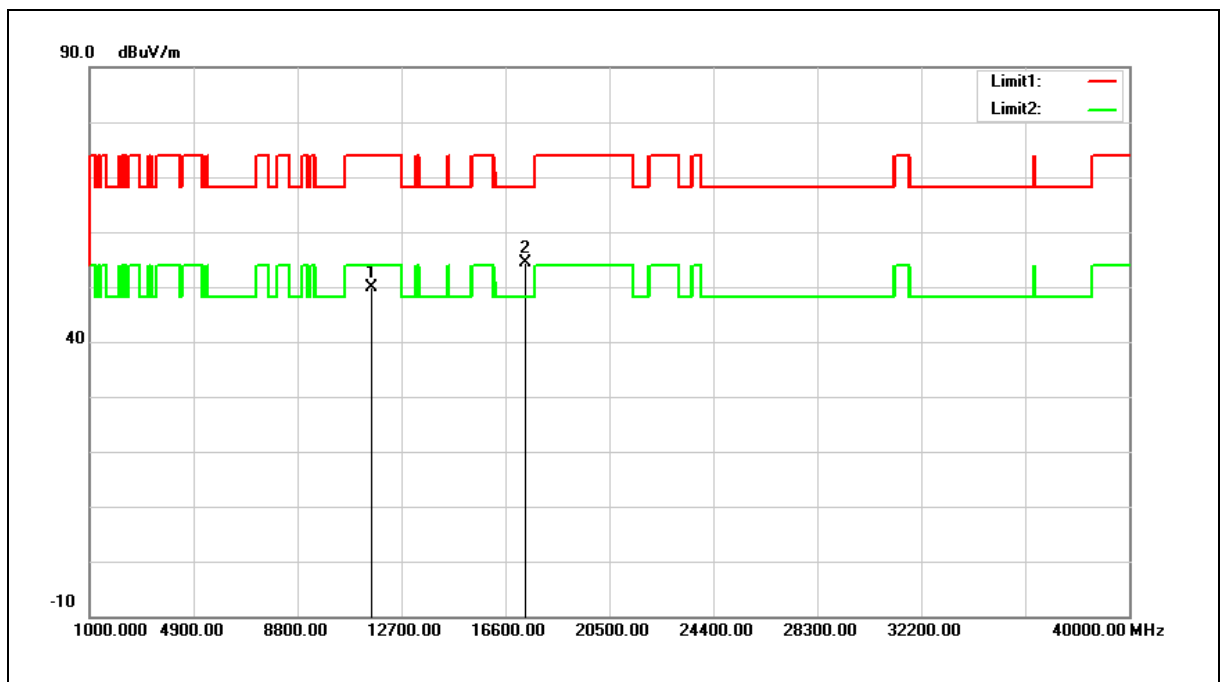
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	29.60	18.68	48.28	74.00	-25.72	peak
2	17235.000	29.08	23.97	53.05	68.20	-15.15	peak

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:	Harmonic	Power:	DC 12 V
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



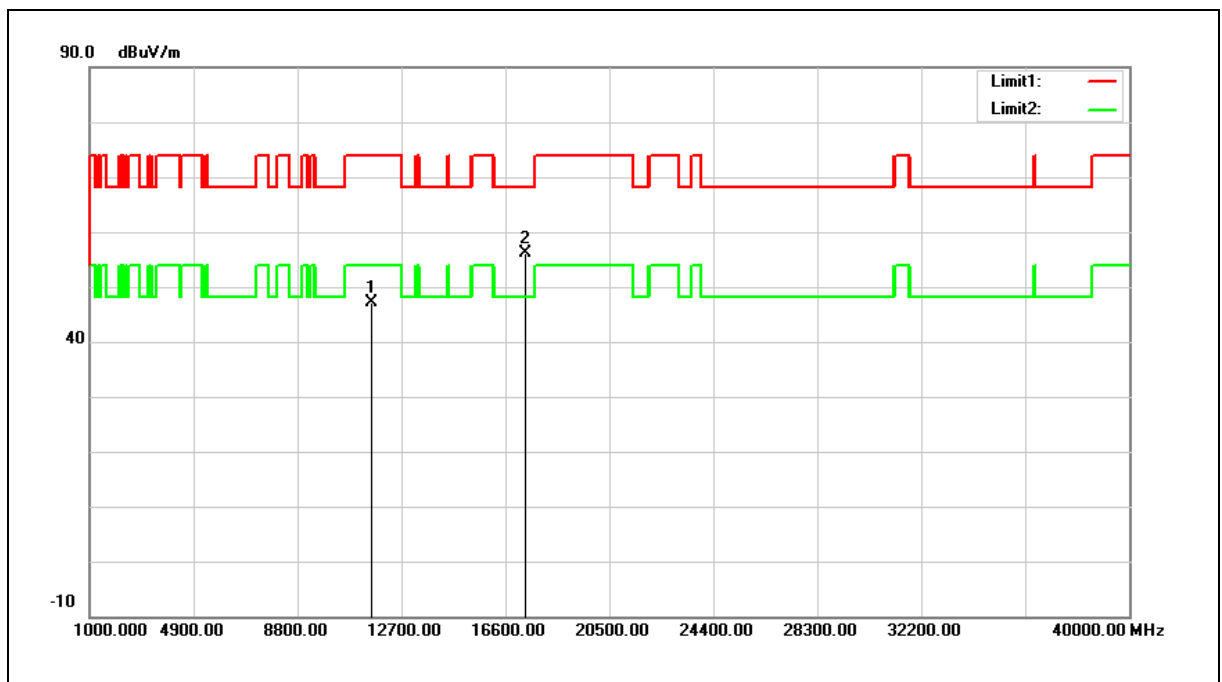
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.20	18.60	49.80	74.00	-24.20	peak
2	17355.000	29.77	24.64	54.41	68.20	-13.79	peak

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	Power:	DC 12 V
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



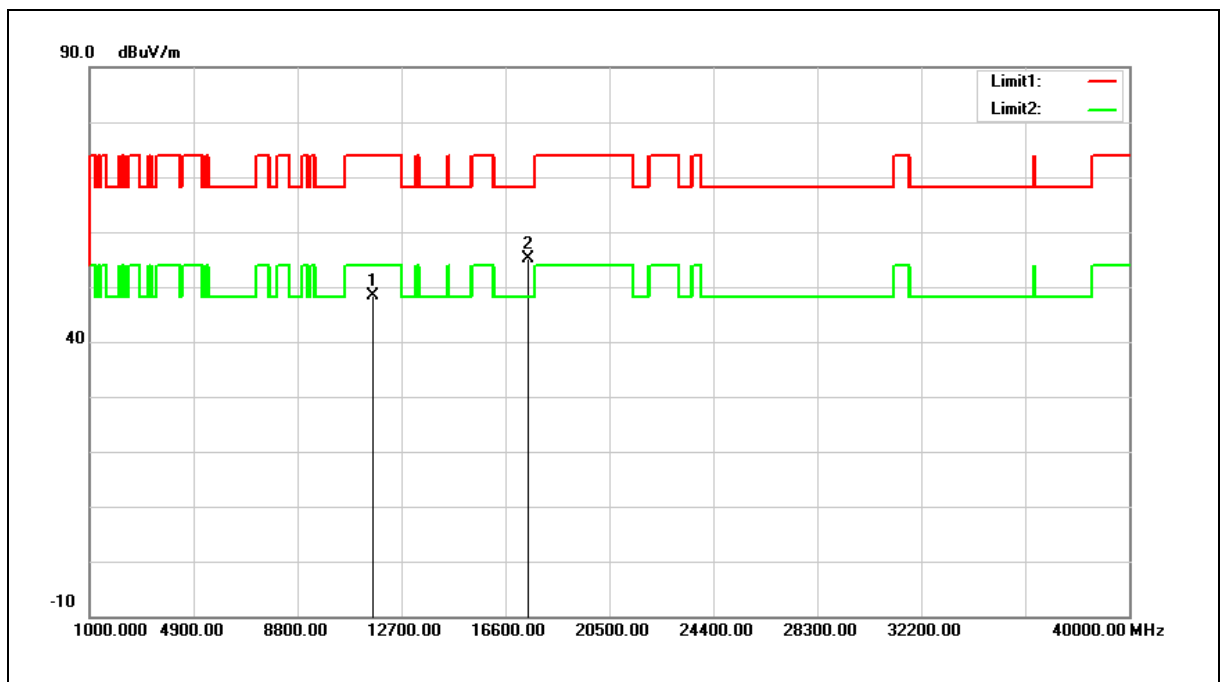
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	28.62	18.60	47.22	74.00	-26.78	peak
2	17355.000	31.49	24.64	56.13	68.20	-12.07	peak

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	Power:	DC 12 V
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



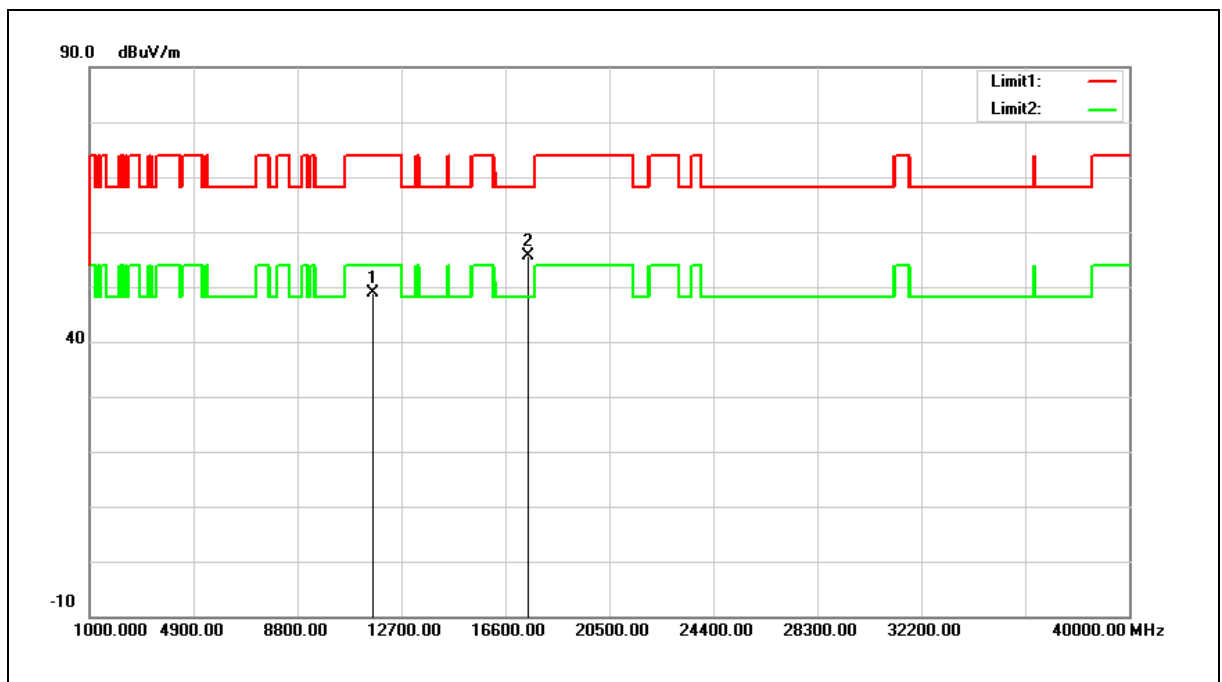
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	29.95	18.50	48.45	74.00	-25.55	peak
2	17475.000	29.82	25.31	55.13	68.20	-13.07	peak

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	Power:	DC 12 V
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



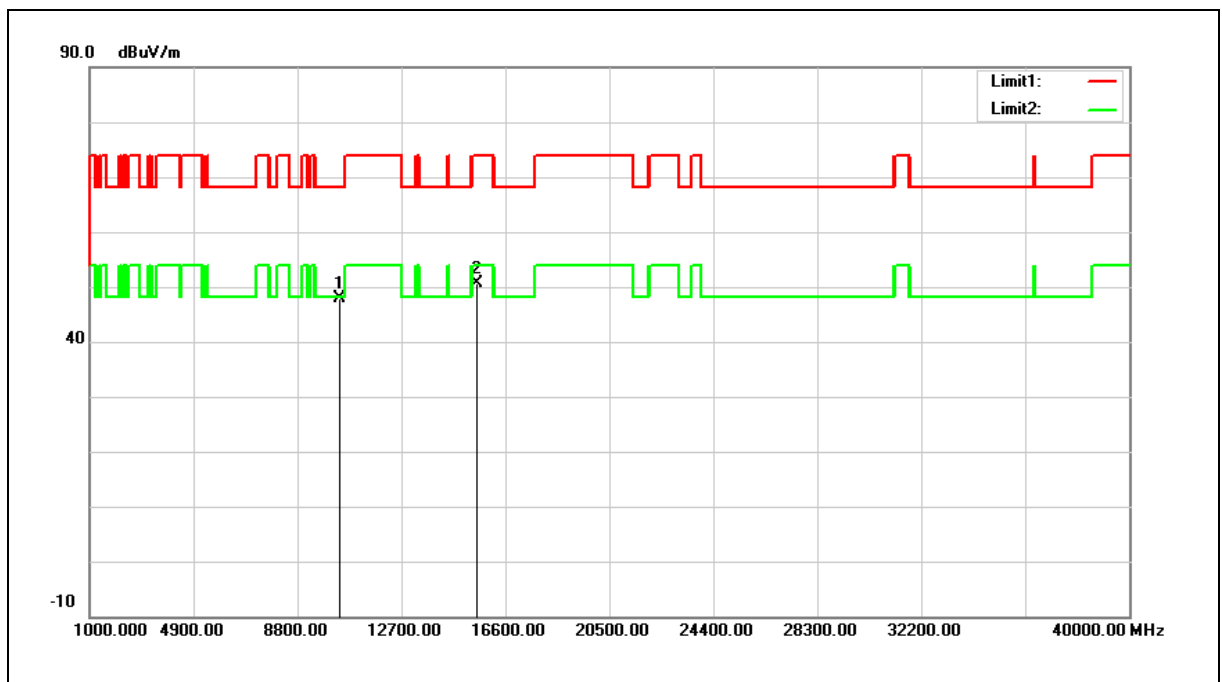
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	30.49	18.50	48.99	74.00	-25.01	peak
2	17475.000	30.22	25.31	55.53	68.20	-12.67	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



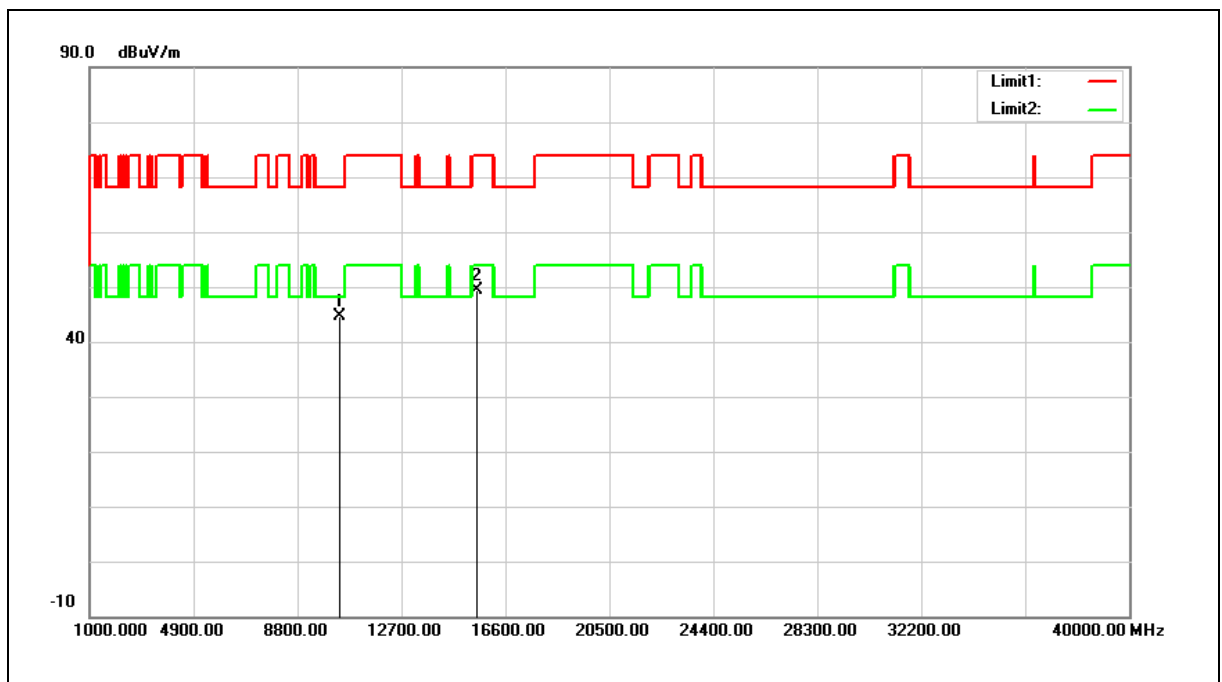
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	31.14	16.66	47.80	68.20	-20.40	peak
2	15540.000	31.14	19.46	50.60	74.00	-23.40	peak

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	Power:	DC 12 V
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



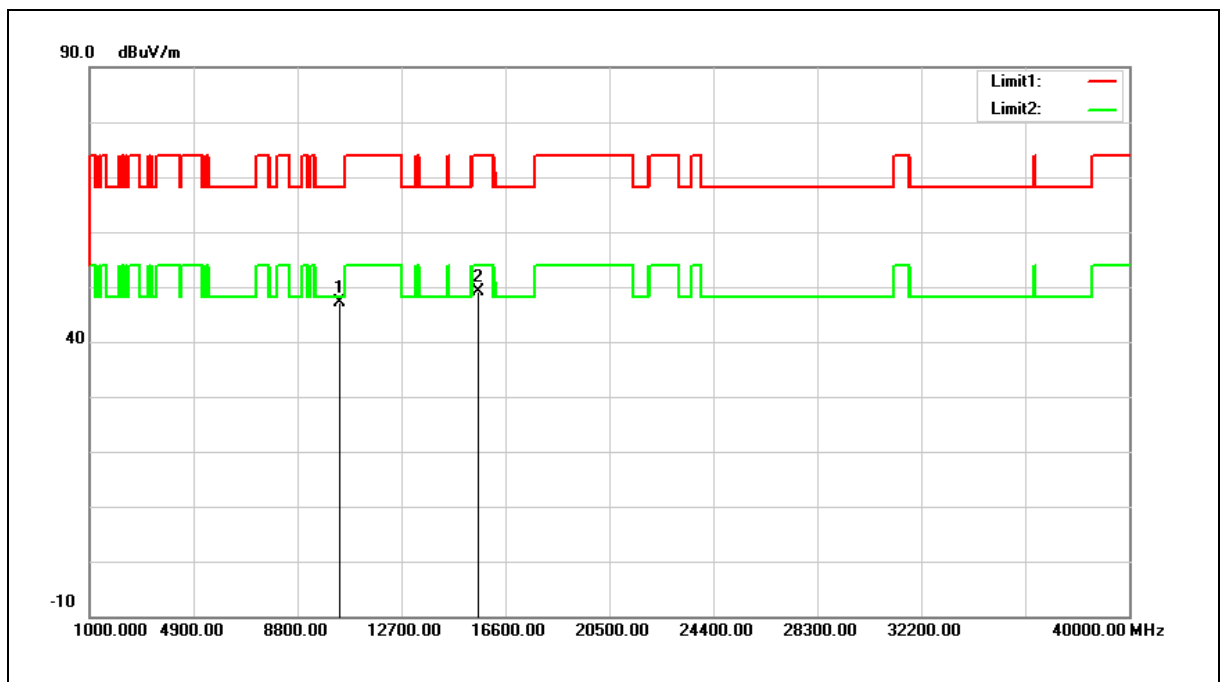
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	28.09	16.66	44.75	68.20	-23.45	peak
2	15540.000	29.82	19.46	49.28	74.00	-24.72	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



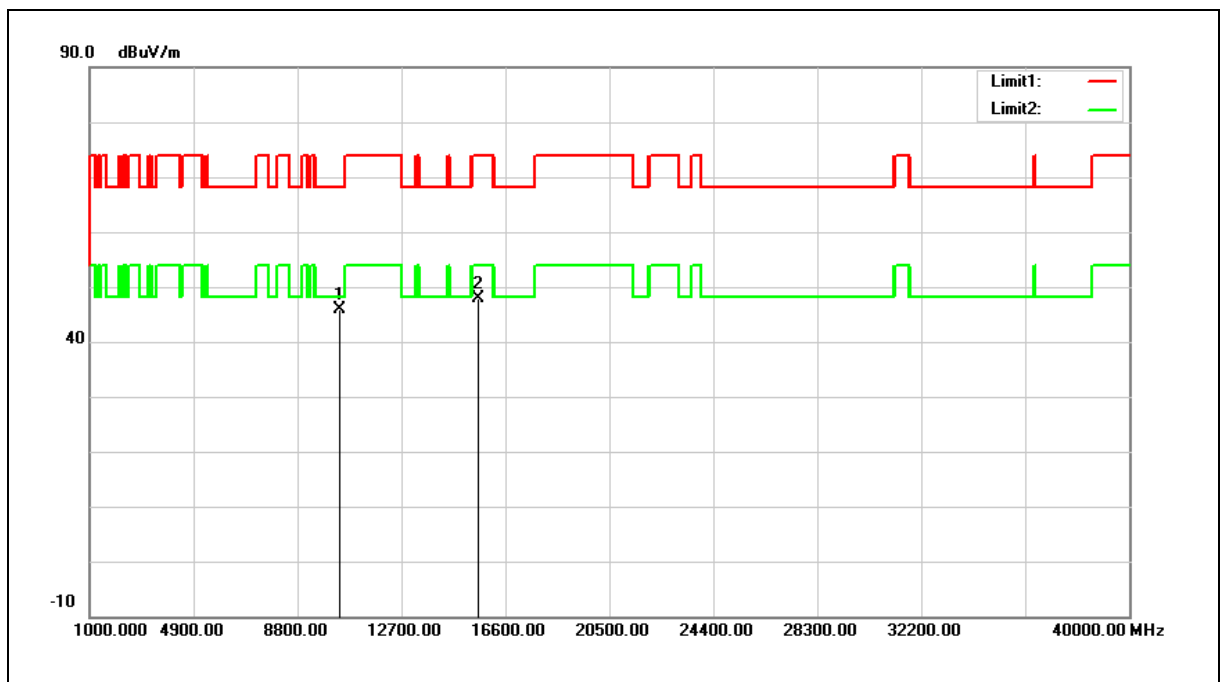
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	30.37	16.79	47.16	68.20	-21.04	peak
2	15600.000	29.83	19.29	49.12	74.00	-24.88	peak

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	Power:	DC 12 V
Frequency:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



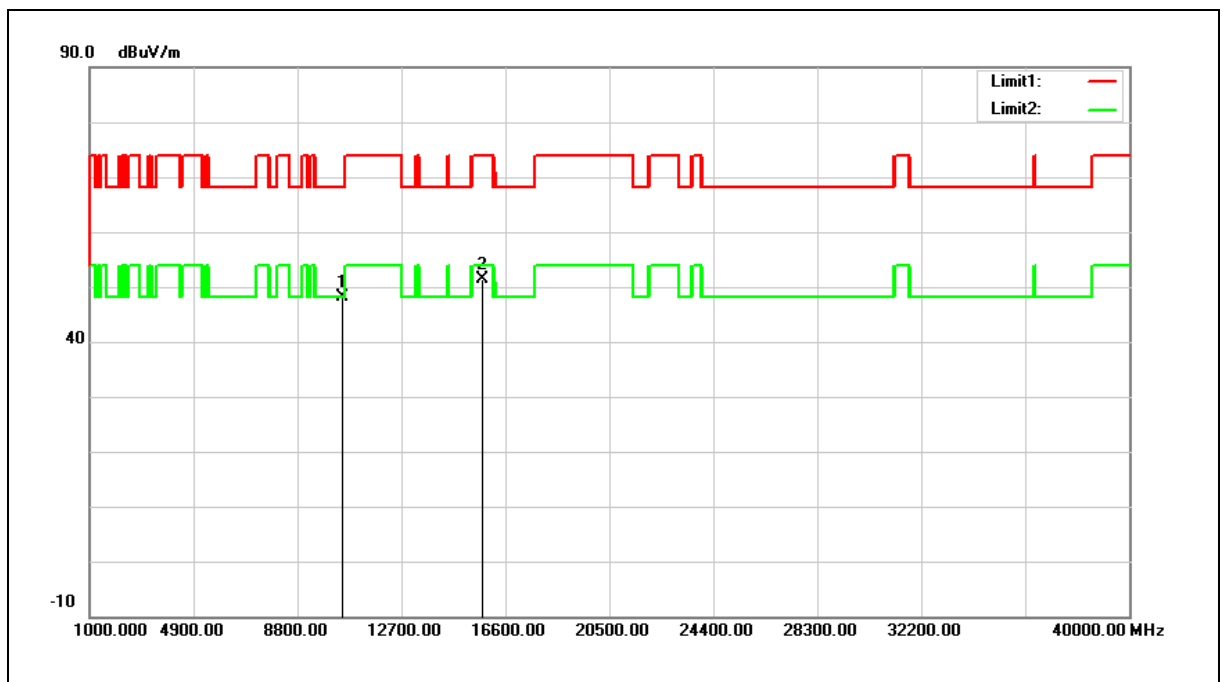
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	29.20	16.79	45.99	68.20	-22.21	peak
2	15600.000	28.61	19.29	47.90	74.00	-26.10	peak

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	Power:	DC 12 V
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



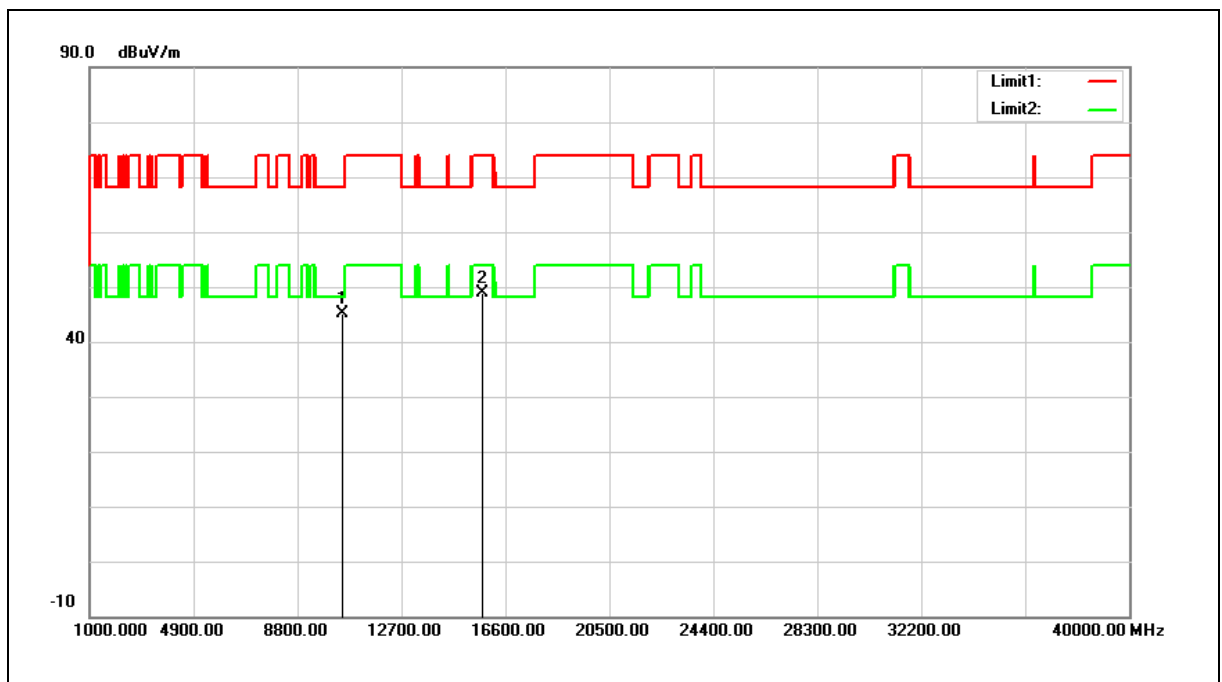
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	31.01	17.05	48.06	68.20	-20.14	peak
2	15720.000	32.39	18.94	51.33	74.00	-22.67	peak

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.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



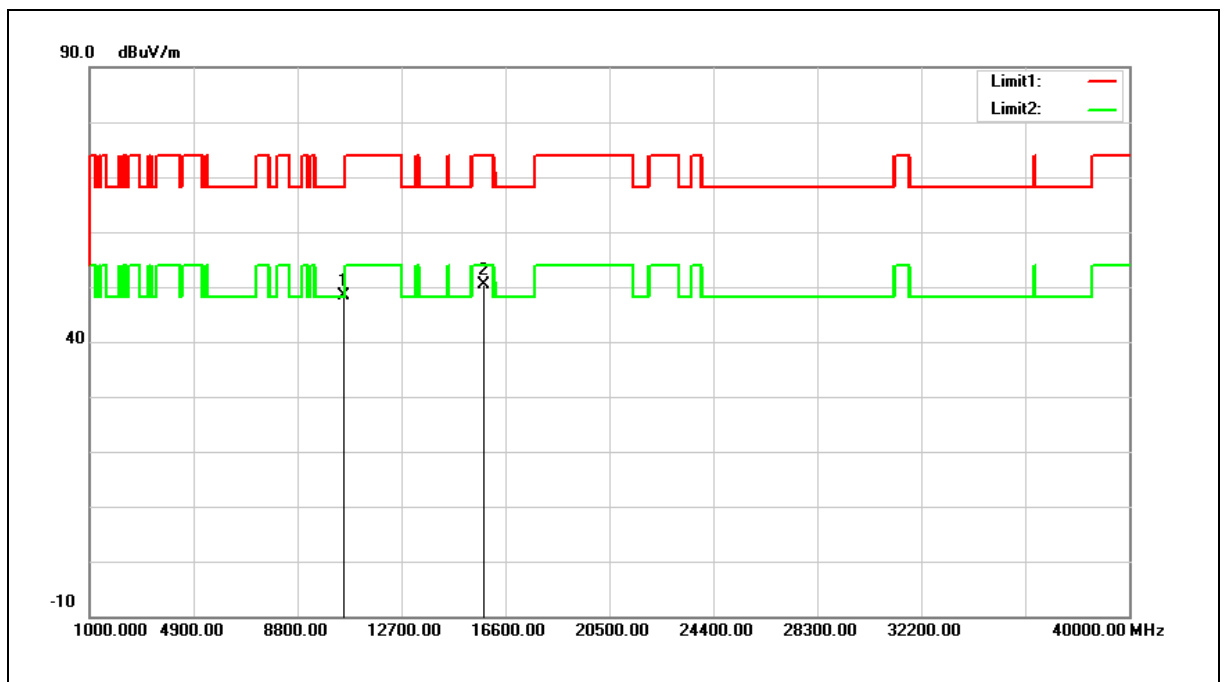
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	28.14	17.05	45.19	68.20	-23.01	peak
2	15720.000	29.96	18.94	48.90	74.00	-25.10	peak

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	Power:	DC 12 V
Frequency:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



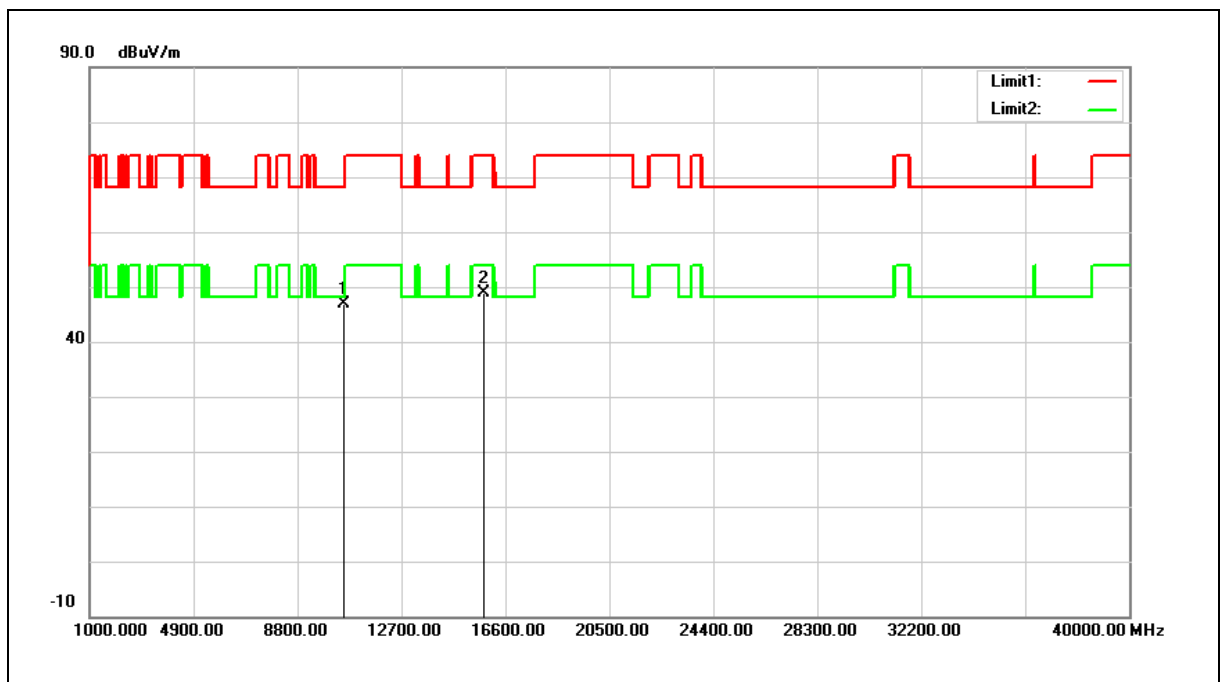
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	31.17	17.17	48.34	68.20	-19.86	peak
2	15780.000	31.61	18.76	50.37	74.00	-23.63	peak

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	Power:	DC 12 V
Frequency:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



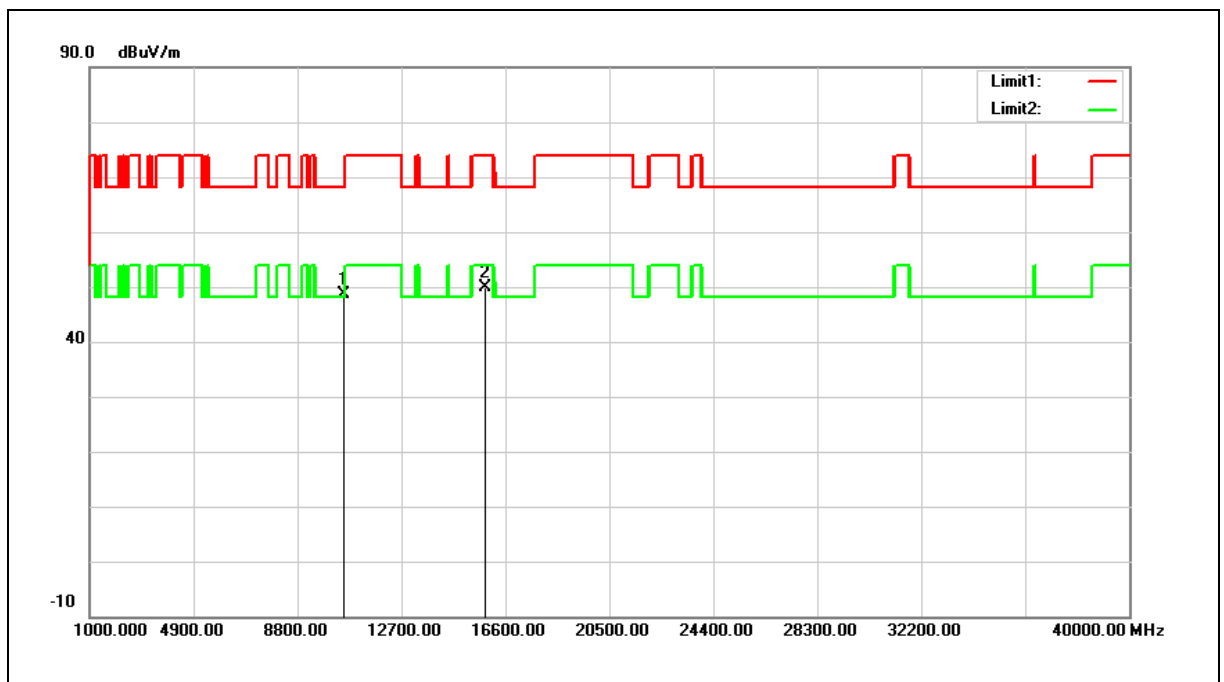
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	29.59	17.17	46.76	68.20	-21.44	peak
2	15780.000	30.12	18.76	48.88	74.00	-25.12	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



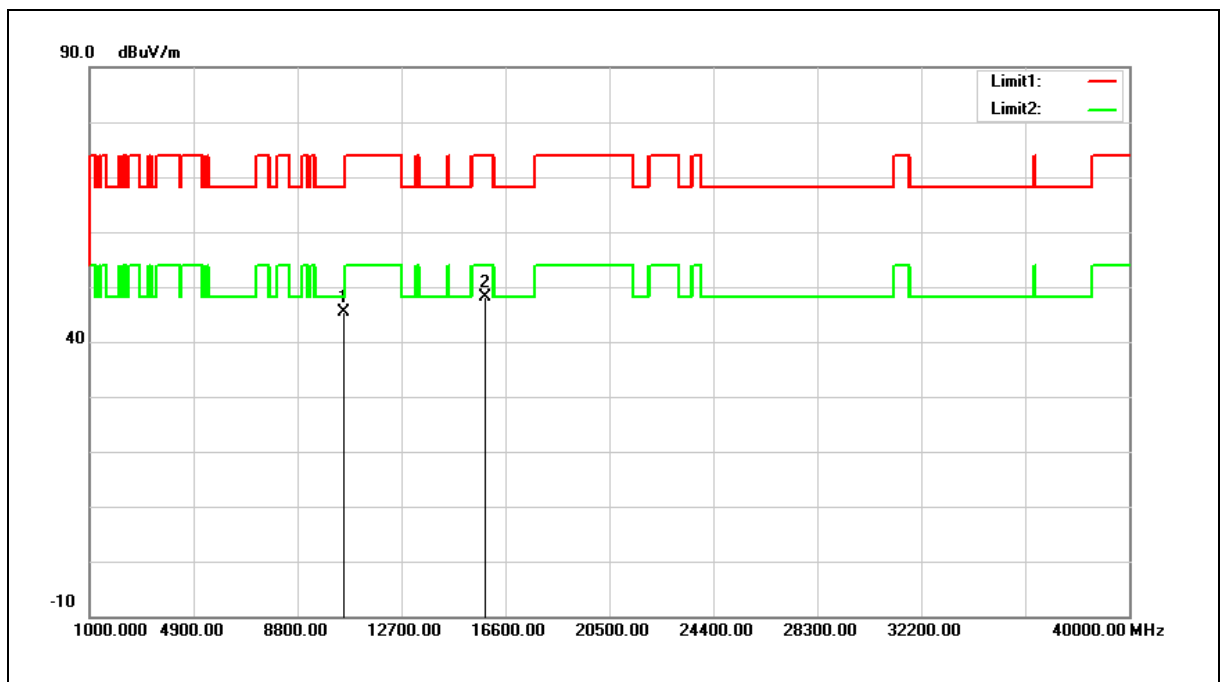
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	31.44	17.28	48.72	68.20	-19.48	peak
2	15840.000	31.36	18.59	49.95	74.00	-24.05	peak

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	Power:	DC 12 V
Frequency:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



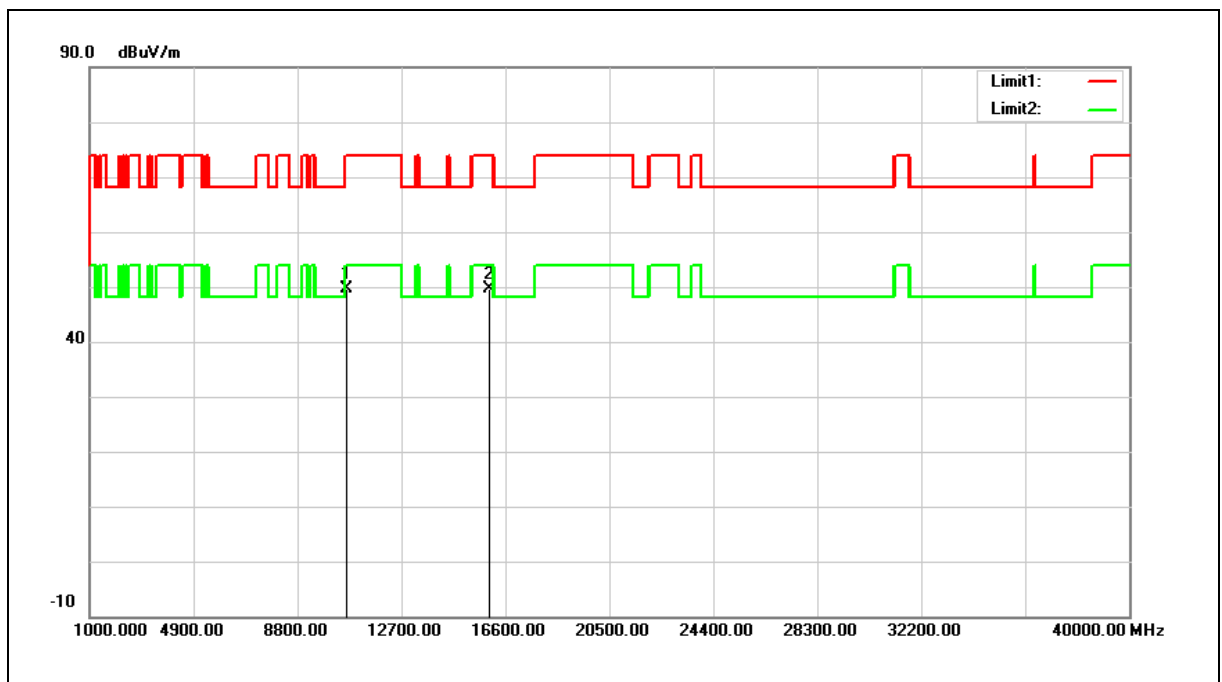
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	28.10	17.28	45.38	68.20	-22.82	peak
2	15840.000	29.56	18.59	48.15	74.00	-25.85	peak

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	Power:	DC 12 V
Frequency:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



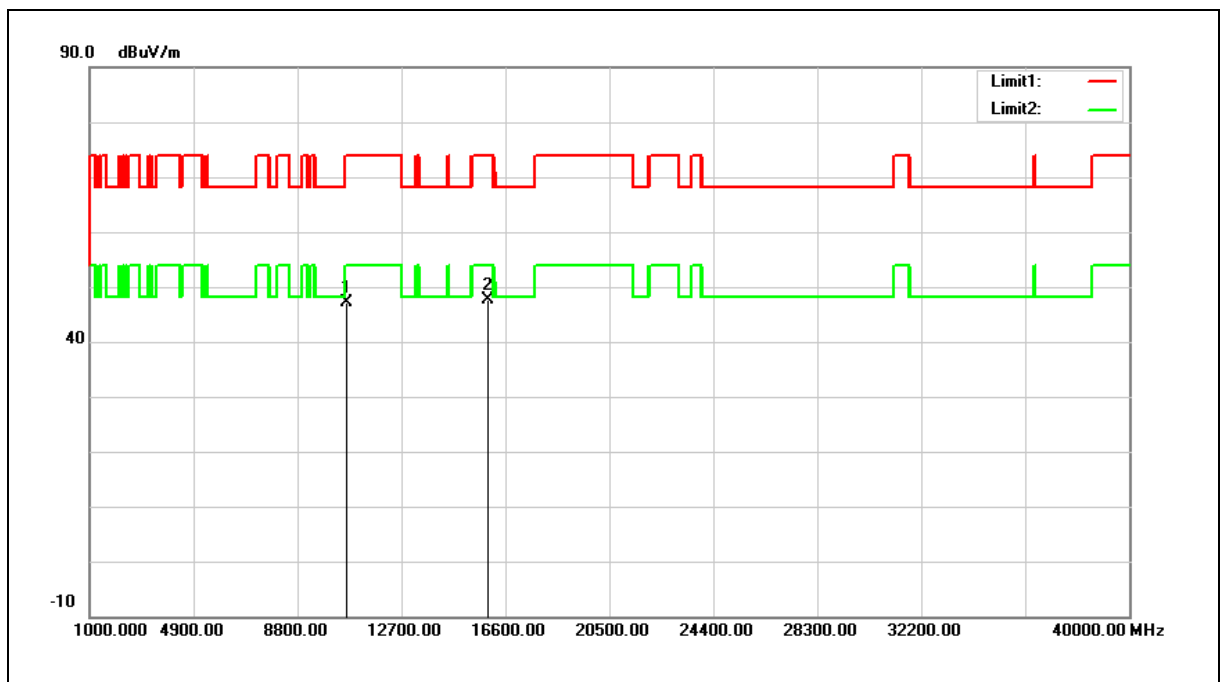
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	32.18	17.52	49.70	74.00	-24.30	peak
2	15960.000	31.50	18.24	49.74	74.00	-24.26	peak

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	Power:	DC 12 V
Frequency:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



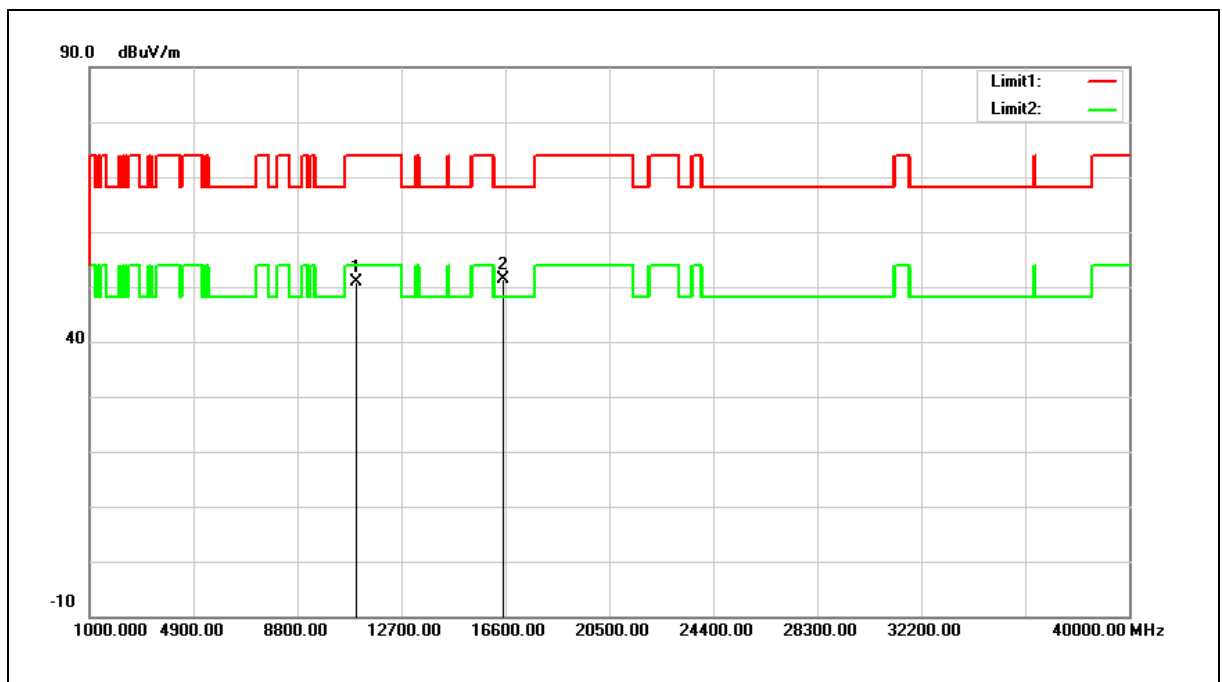
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	29.68	17.52	47.20	74.00	-26.80	peak
2	15960.000	29.34	18.24	47.58	74.00	-26.42	peak

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:	Harmonic	Power:	DC 12 V
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



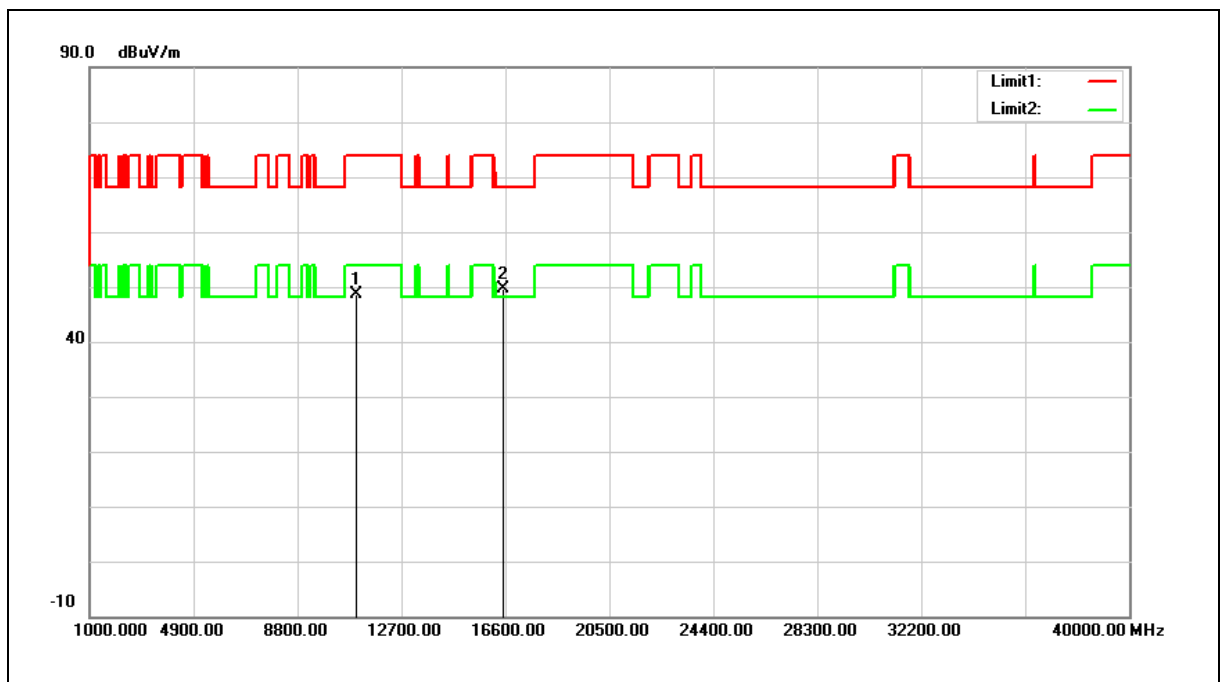
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	32.22	18.56	50.78	74.00	-23.22	peak
2	16500.000	30.79	20.50	51.29	68.20	-16.91	peak

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	Power:	DC 12 V
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



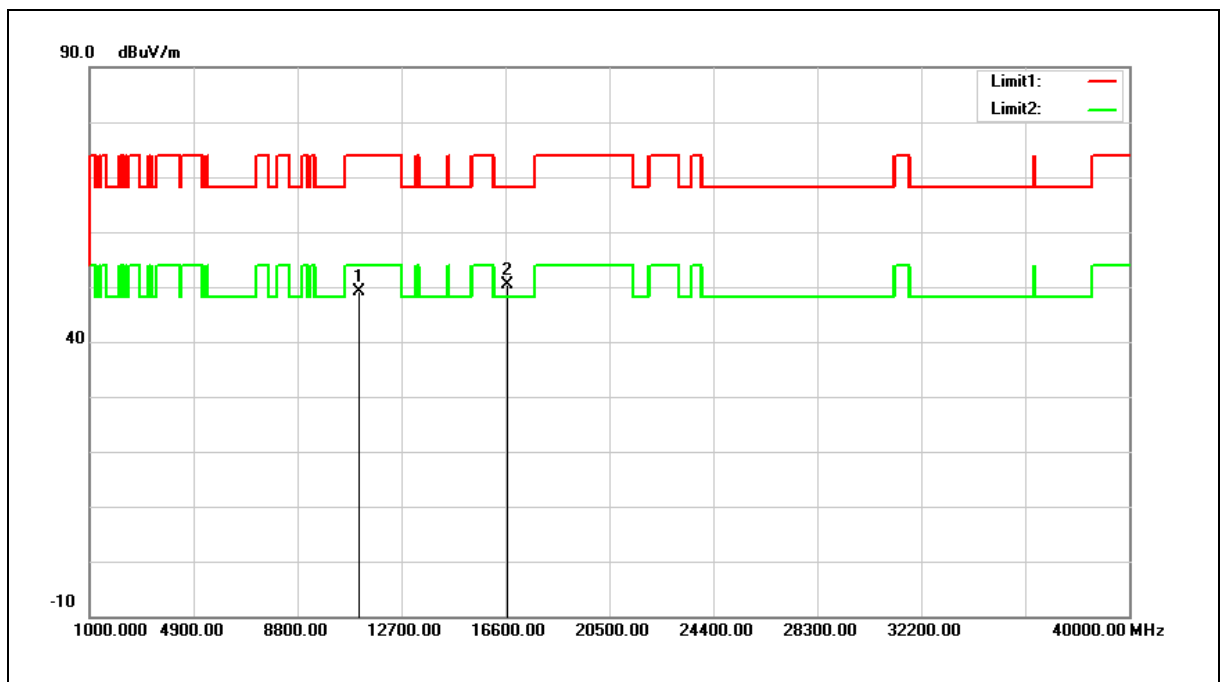
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	30.04	18.56	48.60	74.00	-25.40	peak
2	16500.000	29.15	20.50	49.65	68.20	-18.55	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



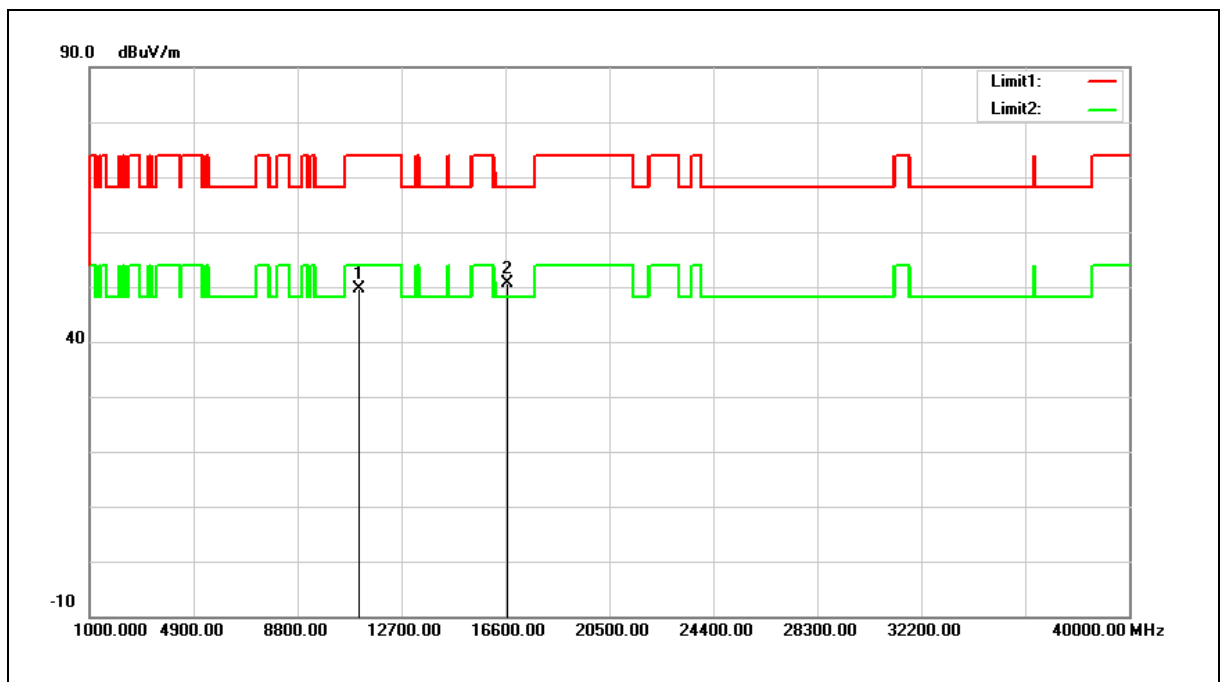
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	30.62	18.60	49.22	74.00	-24.78	peak
2	16680.000	29.02	21.28	50.30	68.20	-17.90	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



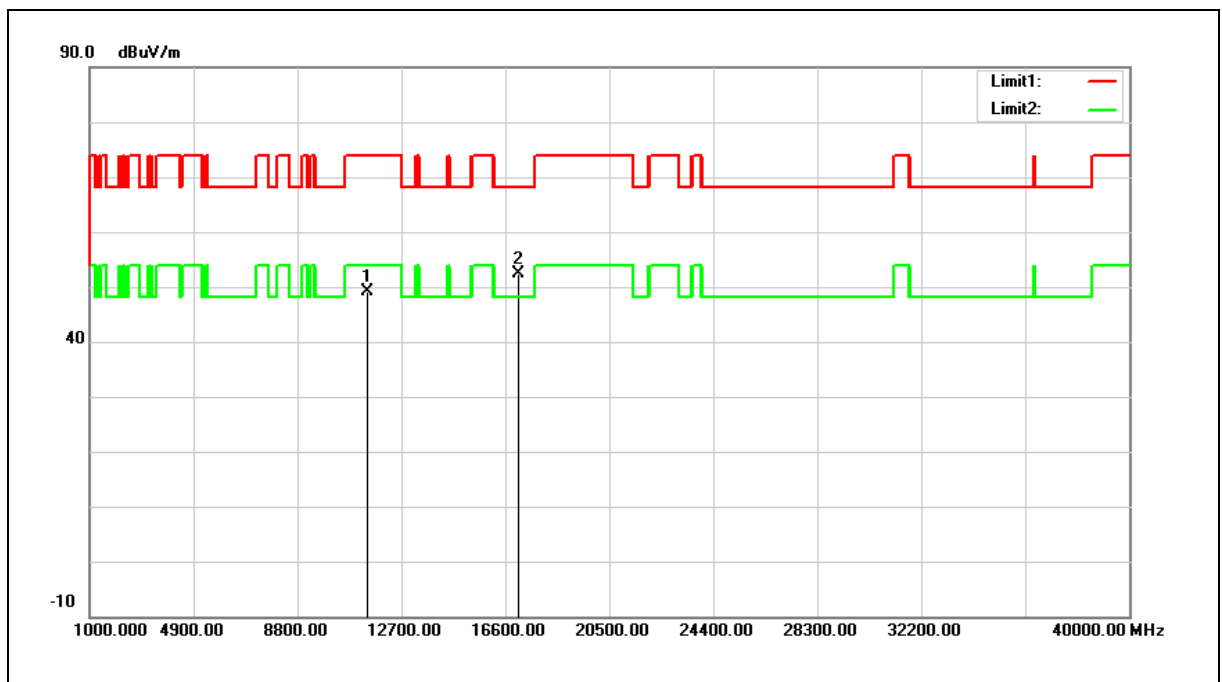
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	31.00	18.60	49.60	74.00	-24.40	peak
2	16680.000	29.28	21.28	50.56	68.20	-17.64	peak

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	Power:	DC 12 V
Frequency:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



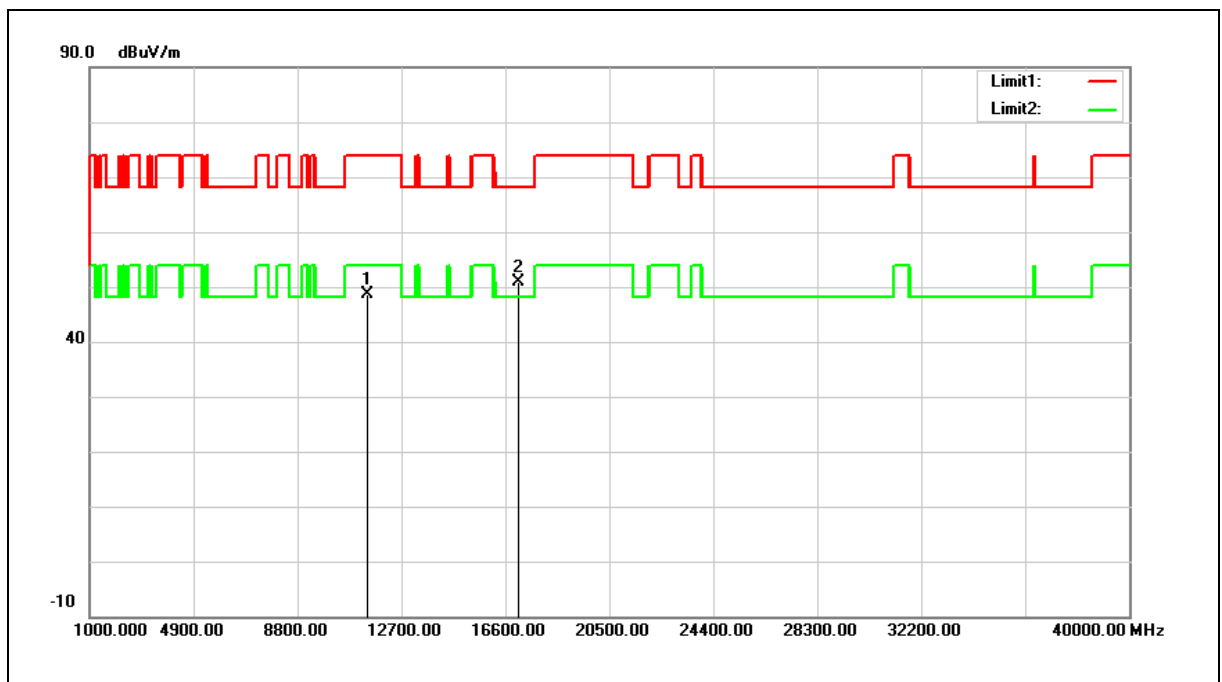
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	30.36	18.66	49.02	74.00	-24.98	peak
2	17100.000	29.14	23.23	52.37	68.20	-15.83	peak

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	Power:	DC 12 V
Frequency:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



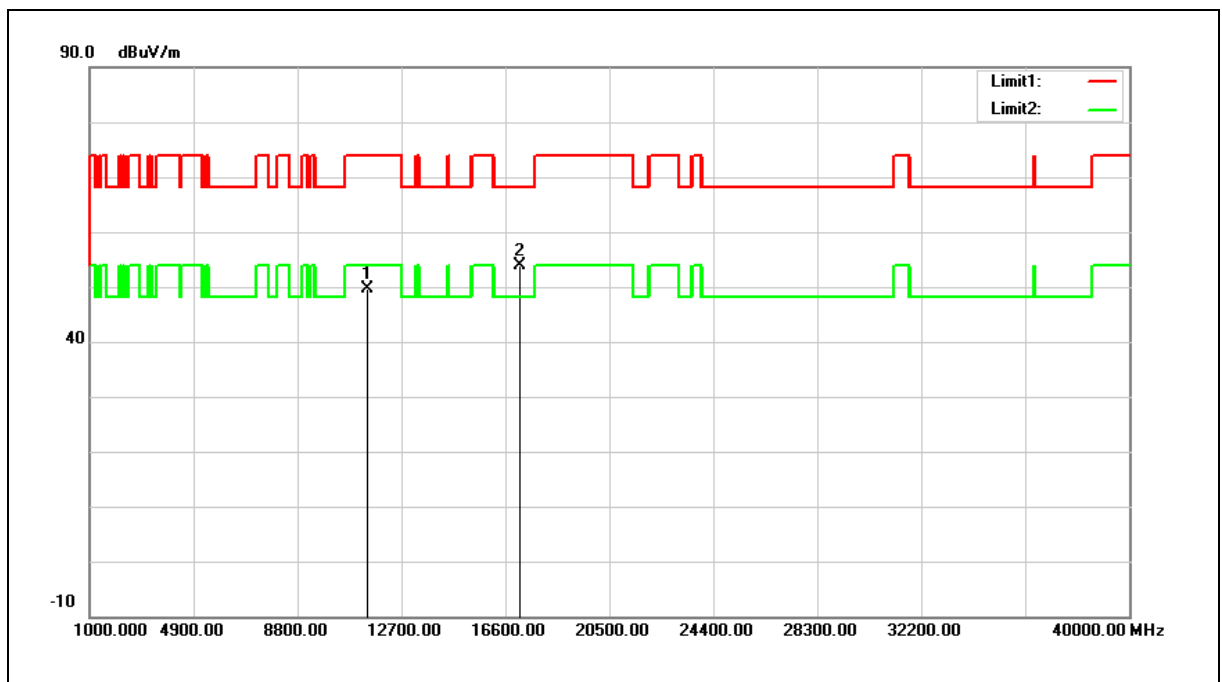
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	29.87	18.66	48.53	74.00	-25.47	peak
2	17100.000	27.77	23.23	51.00	68.20	-17.20	peak

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	Power:	DC 12 V
Frequency:	5720 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



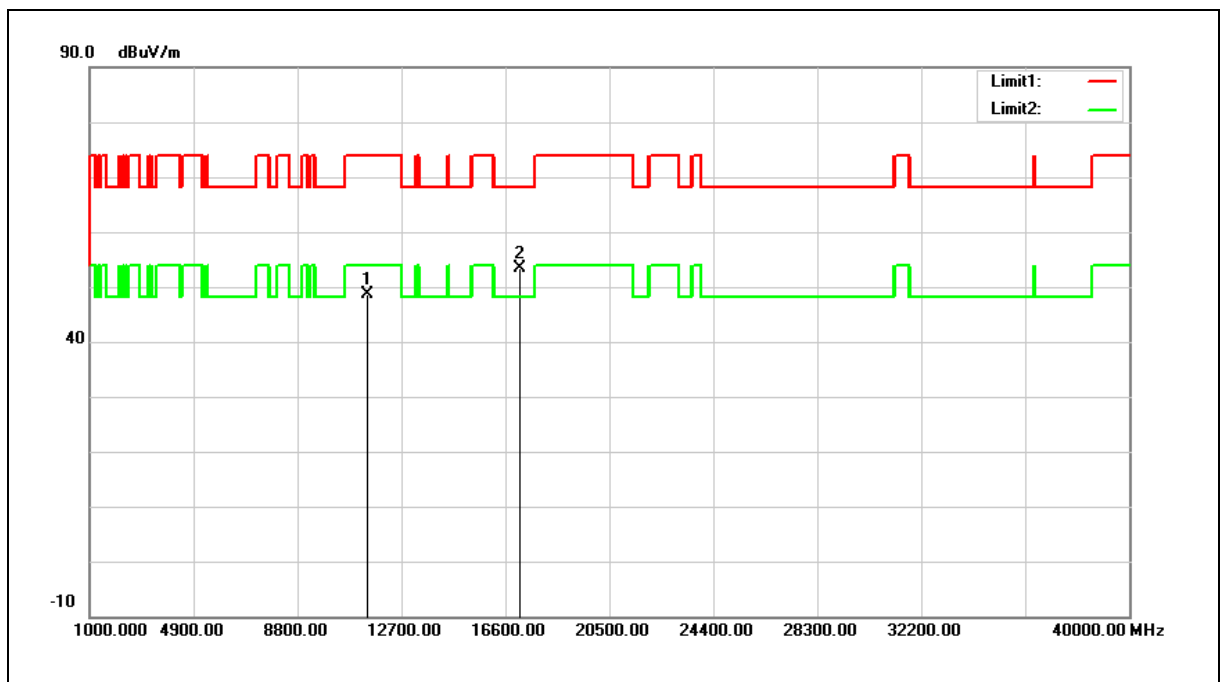
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11440.000	30.96	18.68	49.64	74.00	-24.36	peak
2	17160.000	30.30	23.57	53.87	68.20	-14.33	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5720 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



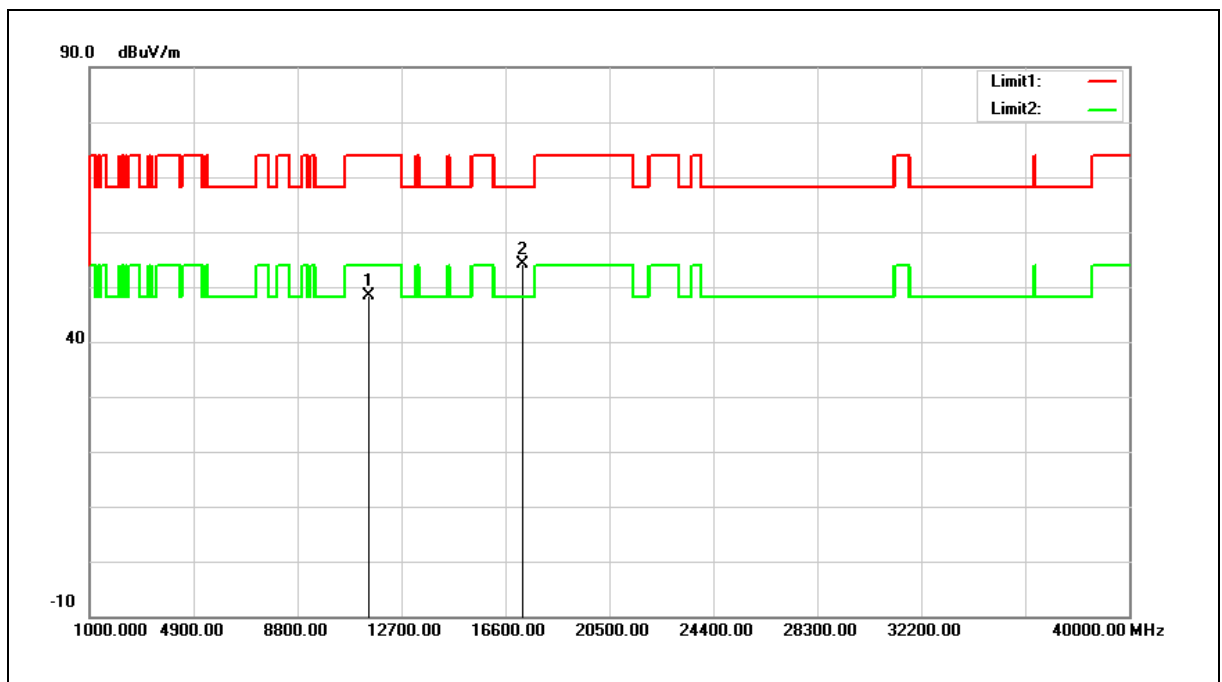
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11440.000	30.00	18.68	48.68	74.00	-25.32	peak
2	17160.000	29.88	23.57	53.45	68.20	-14.75	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



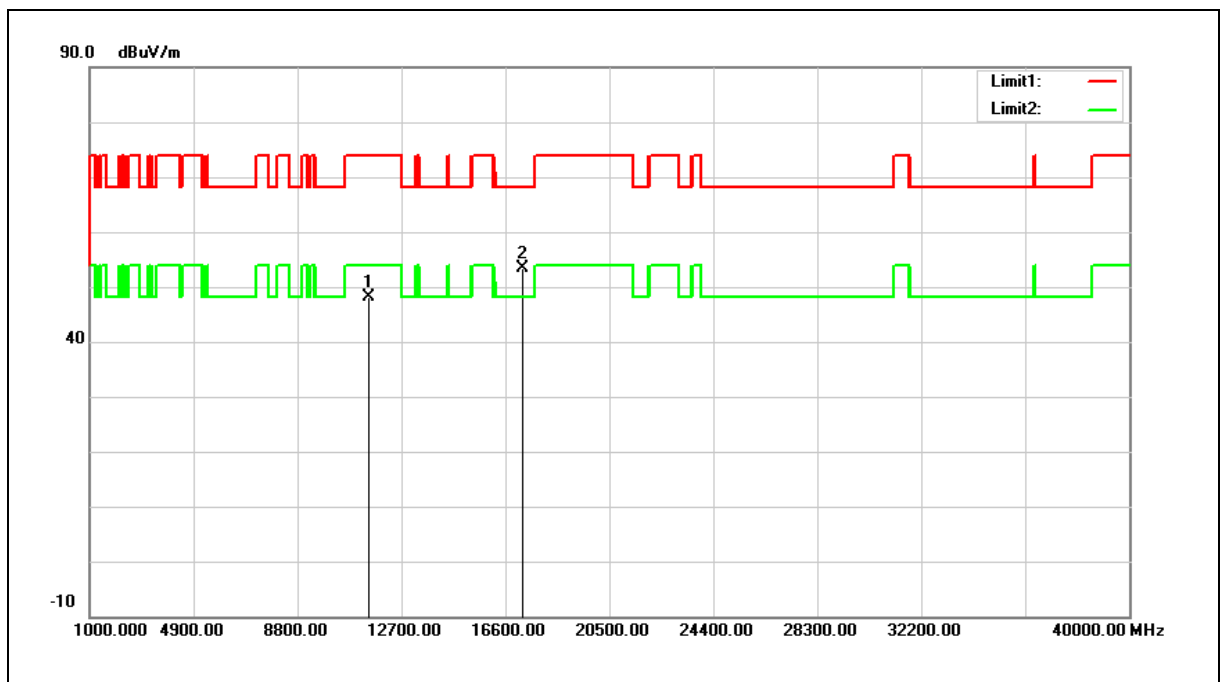
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	29.82	18.68	48.50	74.00	-25.50	peak
2	17235.000	30.09	23.97	54.06	68.20	-14.14	peak

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	Power:	DC 12 V
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



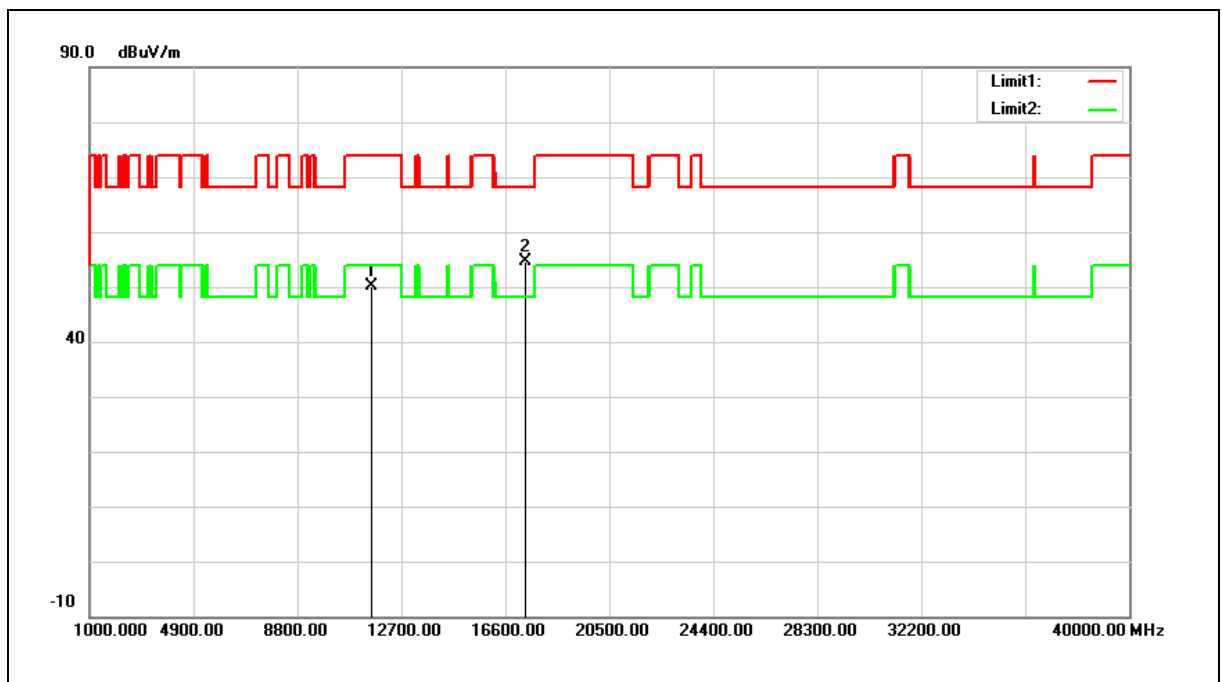
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	29.44	18.68	48.12	74.00	-25.88	peak
2	17235.000	29.45	23.97	53.42	68.20	-14.78	peak

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	Power:	DC 12 V
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



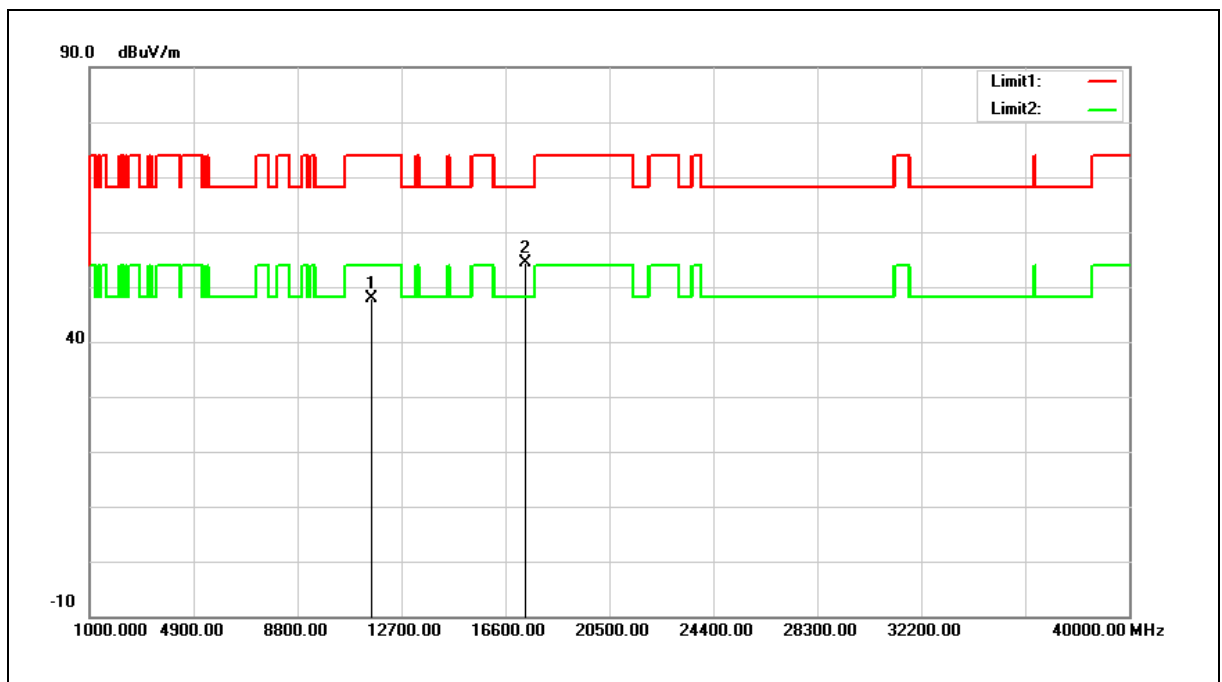
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.41	18.60	50.01	74.00	-23.99	peak
2	17355.000	29.87	24.64	54.51	68.20	-13.69	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



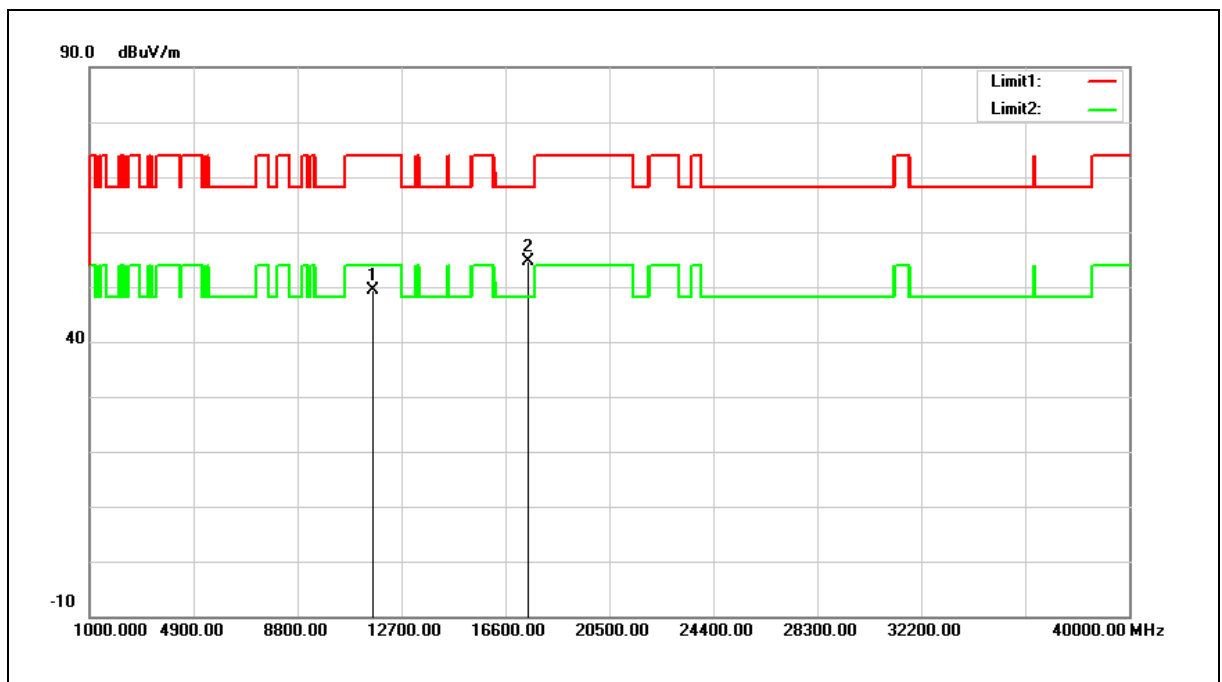
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	29.33	18.60	47.93	74.00	-26.07	peak
2	17355.000	29.78	24.64	54.42	68.20	-13.78	peak

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	Power:	DC 12 V
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



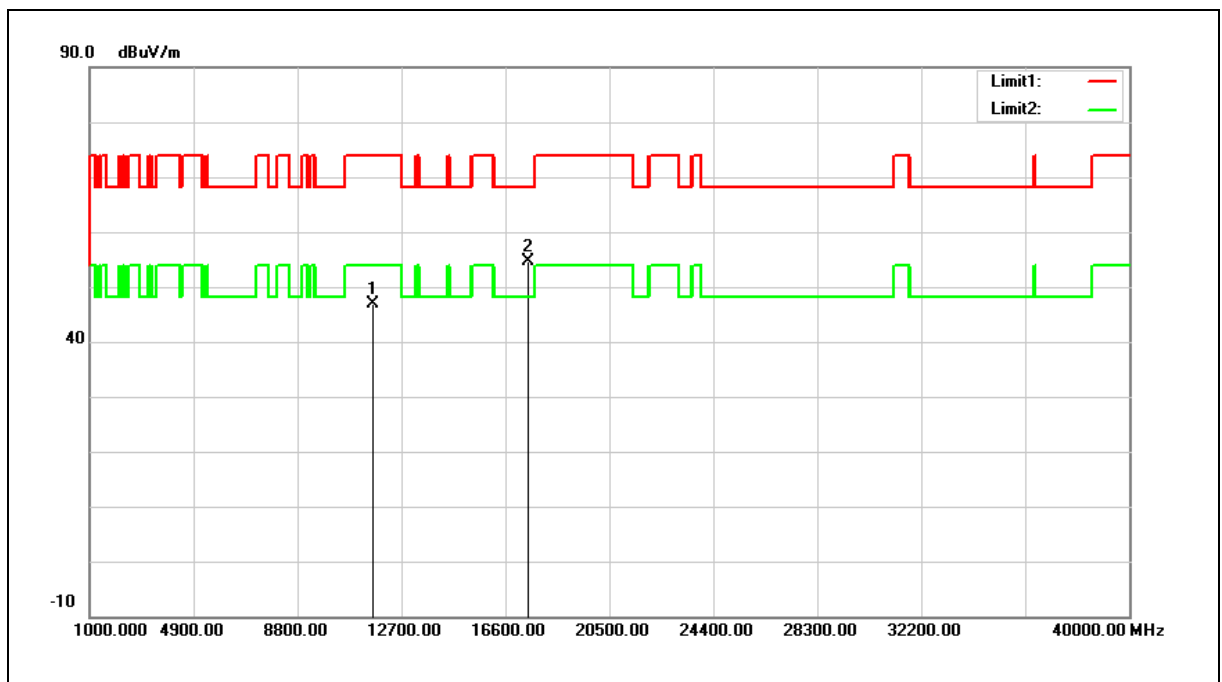
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	30.83	18.50	49.33	74.00	-24.67	peak
2	17475.000	29.27	25.31	54.58	68.20	-13.62	peak

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	Power:	DC 12 V
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



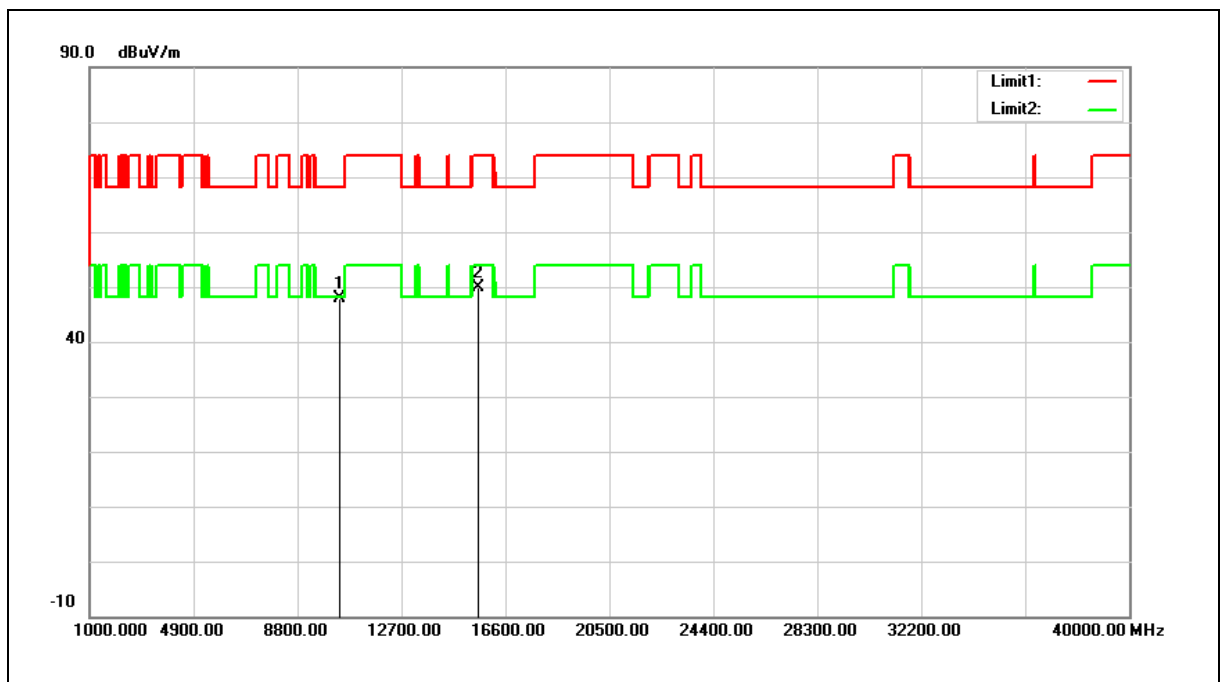
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	28.41	18.50	46.91	74.00	-27.09	peak
2	17475.000	29.28	25.31	54.59	68.20	-13.61	peak

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	Power:	DC 12 V
Frequency:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



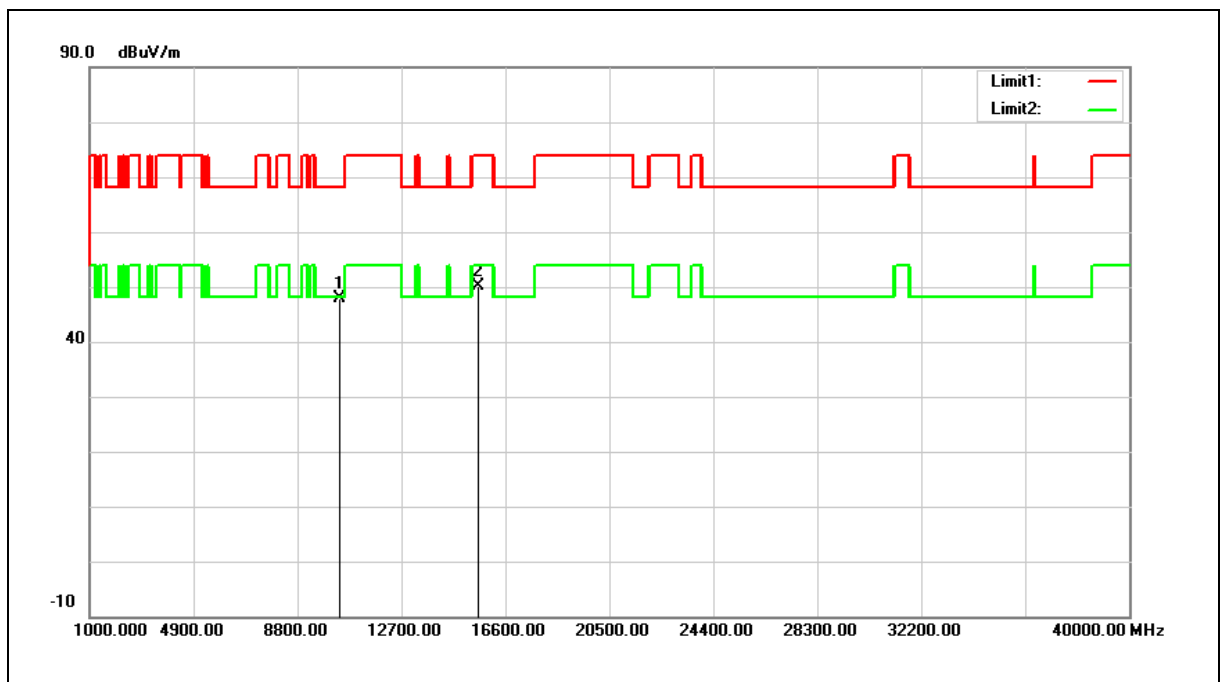
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	31.25	16.72	47.97	68.20	-20.23	peak
2	15570.000	30.53	19.38	49.91	74.00	-24.09	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	DC 12 V
Frequency:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	31.09	16.72	47.81	68.20	-20.39	peak
2	15570.000	30.82	19.38	50.20	74.00	-23.80	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.