

低功率射頻器材試驗報告

產品名稱 WIFI+BT Module

申請廠商 惠州高盛達科技有限公司

廠牌 GSD

型式 (號) DCT2SM2501

產品試驗依據之標準 低功率射頻器材技術規範(LP0002) 109 年 7 月 1 日

報告發行日期 110 年 11 月 30 日

填發本型式認可報告之試驗機構 (認可代號)

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財團法人全國認證基金會

認證編號 : 1330

認證有效期間 : 108.09.06 ~ 111.09.05

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



免 責 聲 明

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

版本 (Rev.)	發行日期	修訂內容	修訂者
00	110 年 11 月 30 日	初版發行	趙翊如

低功率射頻器材測試證明書

產品名稱 : WIFI+BT Module

廠 牌 : GSD

型 號 : DCT2SM2501

申請廠商 : 惠州高盛達科技有限公司

申請者地址 : 中國惠州市惠澳大道惠南高新科技產業園金達路2號

製造廠商 : 惠州高盛達科技有限公司

製造商地址 : 中國惠州市惠澳大道惠南高新科技產業園金達路2號

待測物電壓 : DC 3.3 V

量測規範 : 低功率射頻器材技術規範(LP0002) 109年7月1日

試驗實驗室 : 晶復科技股份有限公司(桃園市八德區長安街140-1號)

樣品接受日期 : 110 年 09 月 29 日

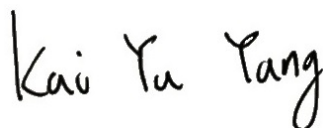
試驗日期 : 110 年 10 月 19 日 ~ 110 年 11 月 01 日

報告中所描述之測試結果與待測設備之架構組合，均根據實際量測情況作詳實的記錄。

由測試結果顯示，上述待測設備樣機確實已符合低功率射頻器材技術規範(LP0002)所規定的各項限制值。

特 此 證 明 ！

Approved By :



(Kai Yu Yang)

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1. 一般敘述

1.1 待測設備一般敘述

本敘述僅針對產品簡單說明之，其他詳細之規格請參考使用說明書。

產 品 名 稱	WIFI+BT Module					
廠 牌	GSD					
型 號	DCT2SM2501					
額 定 電 源	DC 3.3 V					
待 測 物 電 源 類 別	Notebook					
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 *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 (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 III IEEE 802.11ac 20 MHz U-NII Band III				5745 – 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 III IEEE 802.11ac 40 MHz U-NII Band III				5755 – 5795	
	IEEE 802.11ac 80 MHz U-NII Band I				5210	
	IEEE 802.11ac 80 MHz U-NII Band III				5775	
天 線 資 訊	Antenna	廠牌	型號	型態	增益值(dBi)	
					2.4 GHz	5 GHz
	ANT0	GSD	DCT2SM2501	PCB Antenna	2.4	2.3
	ANT1	GSD	DCT2SM2501	PCB Antenna	2.4	2.3
	Directional Gain				5.41	5.31

RF 最大輸出功率	Mode	Power	
	IEEE 802.11b	14.47 dBm	0.028 W
	IEEE 802.11g	15.22 dBm	0.033 W
	IEEE 802.11n 2.4 GHz 20 MHz	15.88 dBm	0.039 W
	IEEE 802.11n 2.4 GHz 40 MHz	15.97 dBm	0.040 W
	IEEE 802.11a U-NII Band I	13.47 dBm	0.022 W
	IEEE 802.11a U-NII Band III	12.42 dBm	0.017 W
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I	13.54 dBm	0.023 W
	IEEE 802.11n 5 GHz 20 MHz U-NII Band III	14.27 dBm	0.027 W
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I	16.26 dBm	0.042 W
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III	14.71 dBm	0.030 W
	IEEE 802.11ac 20 MHz U-NII Band I	13.46 dBm	0.022 W
	IEEE 802.11ac 20 MHz U-NII Band III	14.20 dBm	0.026 W
	IEEE 802.11ac 40 MHz U-NII Band I	16.19 dBm	0.042 W
	IEEE 802.11ac 40 MHz U-NII Band III	14.68 dBm	0.029 W
	IEEE 802.11ac 80 MHz U-NII Band I	14.59 dBm	0.029 W
	IEEE 802.11ac 80 MHz U-NII Band III	12.70 dBm	0.019 W

設備類型		
Outdoor access point	point-to-point	---
	point-to-multipoint	---
Indoor access point		---
Fixed point-to-point access points		---
Client devices		V

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	Signal Port	1	連接至治具
2	Antenna Port	1	連接至 Bluetooth Antenna

1.2 其他相關聲明

本測試報告屬(以下選擇一種打■)

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

2. 量測儀器及測試配置說明

2.1 量測設備

For Conducted

Test Period: Oct. 19 ~ Nov. 01, 2021

Testing Engineer: Brian Lin

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Power Sensor	Anritsu	MA2411B	1126022	09/03/2021	1 year
☒	Power Meter	Anritsu	ML2495A	1135009	09/03/2021	1 year
☐	Power Sensor	Agilent	N1921A	MY45241957	12/09/2020	1 year
☐	Power Meter	Agilent	N1911A	MY45101619	12/09/2020	1 year
☒	Spectrum Analyzer (10 Hz~26.5 GHz)	Keysight	N9010B	MY59071418	03/17/2021	1 year
☐	Spectrum Analyzer (9 kHz~26.5 GHz)	Agilent	N9010A	MY48030518	07/23/2021	1 year
☐	Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/09/2021	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	01/08/2021	1 year
☐	Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	03/30/2021	1 year
☐	Signal Generator	Keysight	N5182B	MY53052569	04/20/2021	1 year
☐	Signal Generator	Keysight	N5182BX07	MY59360221	04/20/2021	1 year
☐	Bluetooth Tester	R&S	CBT	100350	03/17/2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	06/02/2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	02/01/2021	1 year
☐	RF Communication Test Set	HP	8920A	3344A03297	08/10/2021	1 year

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

For Conducted Emission
Test Period: Oct. 30, 2021
Testing Engineer: Brian Lin

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Test Receiver	R&S	ESCI	100367	05/21/2021	1 year
☐	Test Receiver	R&S	ESCI	100722	10/28/2020	1 year
☐	Test Receiver	R&S	ESCI	101000	11/27/2020	1 year
☒	LISN	R&S	ENV216	101040	03/29/2021	1 year
☒	LISN	R&S	ENV216	101041	04/08/2021	1 year
☒	RF Cable	Woken	00100D1380194M	TE-02-03	05/28/2021	1 year
☒	Software	EZ EMC	1.1.4.3	N/A	N.C.R.	---

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

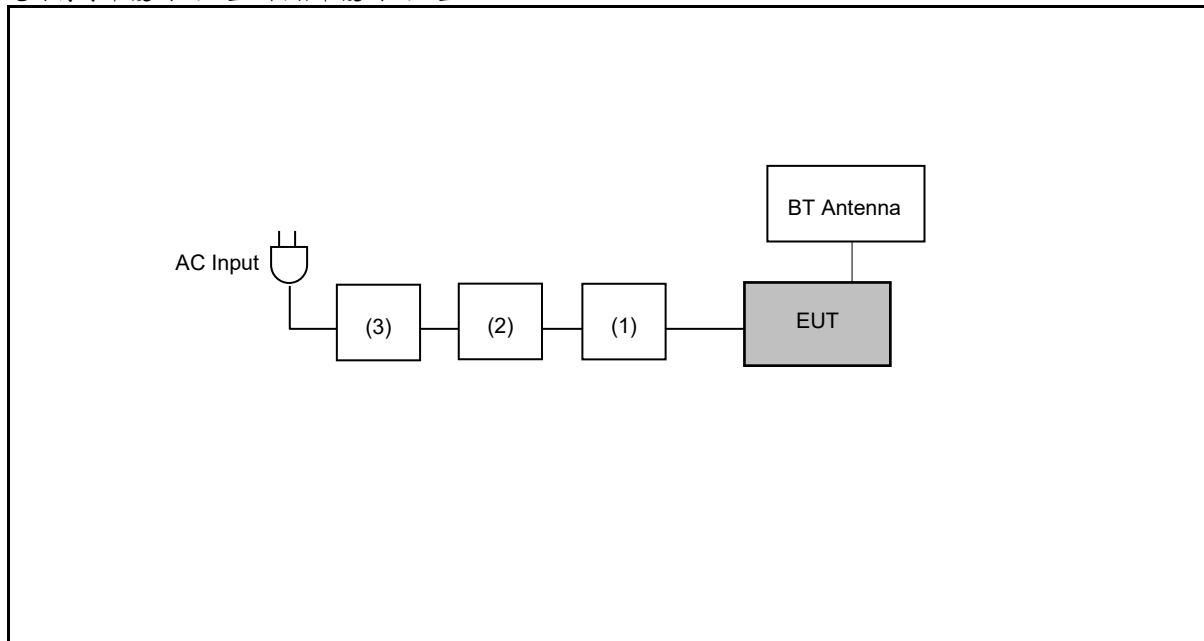
For Radiated Emissions
Test Period: Oct. 22 ~ Oct. 24, 2021
Testing Engineer: JS Liao

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	01/18/2021	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	01/08/2021	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	01/15/2021	1 year
☒	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A10961	07/06/2021	1 year
☒	Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02455	07/12/2021	1 year
☐	Preamplifier (1 GHz~26.5 GHz)	EMCI	EMC012645SE	980289	01/15/2021	1 year
☐	Preamplifier (26.5 GHz~40 GHz)	EMCI	EMC2654045	980028	08/19/2021	1 year
☐	Loop Antenna (9 kHz~30 MHz)	COM-POWER CORPORATION	AL-130	121014	04/07/2021	1 year
☐	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	01146	07/19/2021	1 year
☒	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	416	11/11/2020	1 year
☐	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	02207	07/09/2021	1 year
☒	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	9120D-550	08/24/2021	1 year
☒	Broadband Horn Antenna (18 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	9170	9170-320	08/24/2021	1 year
☐	Horn Antenna (18 GHz~40 GHz)	ETS	3116	00086467	12/03/2020	1 year
☒	Microwave Cable	EMCI	EMC104-SM-SM-130 00	170814	02/19/2021	1 year
☒	Microwave Cable	SUHNER	suflex104	313229/4	02/19/2021	1 year
☐	Microwave Cable	EMCI	EMC102-KM-KM-140 00	151001	02/19/2021	1 year
☒	RF Cable	EMCI	EMC104-N-N-2000	TE01-2	02/19/2021	1 year
☒	RF Cable	EMCI	EMC104-N-N-6000	TE01-1	02/19/2021	1 year
☒	RF Cable	EMCI	EMC 106-SM-NM-1000	171219 (TE01-3)	02/19/2021	1 year
☐	Bluetooth Tester	R&S	CBT	100350	03/17/2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	06/02/2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	02/01/2021	1 year
☒	Software	EZ EMC	1.1.4.4	N/A	N.C.R.	---

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

2.2 檢驗系統示意圖

電源傳導干擾測試配置&輻射干擾測試配置



2.3 輔助測試之週邊設備描述

下列輔助設備或配件為測試中所使用，以形成一個代表性的受測系統。

週邊名稱	廠 牌	型 號	序 號	電源線	備 註
(1) 治具	GSD	DCT2RM2501	---	---	(申請者提供)
(2) Notebook	ASUS	P1448U	---	---	(實驗室提供)
(3) AC Adapter	ASUS	ADP-65GD D	---	Non-Shielded, 1.5 m	INPUT : 100-240 VDC, 50/60 Hz, 1.5 A OUTPUT : 19 VDC, 3.42 A (實驗室提供)

測試組合：

EUT Configure Mode	CE	RE<1G	RE ≥ 1G	備註
治具	V	V	V	測試週邊(1)
Notebook	V	V	V	測試週邊(2)
AC Adapter	V	V	V	測試週邊(3)

RE ≥ 1 GHz : Radiated Emission above 1 GHz & Bandedge Measurement

RE < 1 GHz : Radiated Emission below 1 GHz

CE : Conducted Emission

V : Final mode

X : Non support

--- : No evaluation required

Blank Space : Pre-test mod

2.4 測試模式

使用定頻模式量測

Pre-Test Mode
Mode 1: IEEE 802.11b Continuous TX Mode
Mode 2: IEEE 802.11g Continuous TX Mode
Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode
Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode
Mode 5: IEEE 802.11a Continuous TX Mode
Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode
Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode
Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode
Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode
Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 11: Receiver Mode

Final-Test Mode
Mode 1: IEEE 802.11b Continuous TX Mode
Mode 2: IEEE 802.11g Continuous TX Mode
Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode
Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode
Mode 5: IEEE 802.11a Continuous TX Mode
Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode
Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode
Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 11: Receiver Mode

Note 1: ANT1 is the worst case in Mode 1 、 Mode 2 、 Mode 5.

Note 2: Investigation has been done on all the possible configurations for searching the worst cases (HT20/HT40 covers VHT20/VHT40). The table is a list of the test modes show in this test report.

Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT0	ANT1	
Mode 1	2412	1D	1D	MT7663 QA 0.0.2.6
	2437	1C	1C	
	2462	1C	1C	
Mode 2	2412	1D	1D	
	2437	1D	1D	
	2462	1D	1D	
Mode 3	2412	1C	1C	
	2437	1C	1C	
	2462	1C	1C	
Mode 4	2422	1C	1C	
	2437	1C	1C	
	2452	1C	1C	

Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT0	ANT1	
Mode 5	5180	1A	1A	MT7663 QA 0.0.2.6
	5200	1B	1B	
	5220	1B	1B	
	5240	1B	1B	
	5745	19	19	
	5765	19	19	
	5785	19	19	
	5805	19	19	
	5825	1A	1A	
Mode 6	5180	19	19	
	5200	19	19	
	5220	19	19	
	5240	19	19	
	5745	1B	1B	
	5765	1B	1B	
	5785	1B	1B	
	5805	1B	1B	
	5825	1B	1B	
Mode 7	5190	1F	1F	
	5230	1F	1F	
	5755	1C	1C	
	5795	1C	1C	
Mode 8	5180	19	19	
	5200	19	19	
	5220	19	19	
	5240	19	19	
	5745	1B	1B	
	5765	1B	1B	
	5785	1B	1B	
	5805	1B	1B	
	5825	1B	1B	

Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT0	ANT1	
Mode 9	5190	1F	1F	MT7663 QA 0.0.2.6
	5230	1F	1F	
	5755	1C	1C	
	5795	1C	1C	
Mode 10	5210	1F	1F	
	5775	1B	1B	

Test Mode	ANT0	ANT1	ANT0+1
Mode 1	V	V	---
Mode 2	V	V	---
Mode 3	V	V	V
Mode 4	V	V	V
Mode 5	V	V	---
Mode 6	V	V	V
Mode 7	V	V	V
Mode 8	V	V	V
Mode 9	V	V	V
Mode 10	V	V	V

Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 1	1TX / 1RX(Diversity)	1	1, 6, 11,
Mode 2	1TX / 1RX(Diversity)	6	1, 6, 11,
Mode 3	2TX / 2RX (MIMO)	13	1, 6, 11,
Mode 4	2TX / 2RX (MIMO)	27	3, 6, 9
Mode 5	1TX / 1RX(Diversity)	6	36, 40, 48, 149, 157, 165
Mode 6	2TX / 2RX (MIMO)	13	36, 40, 48, 149, 157, 165
Mode 7	2TX / 2RX (MIMO)	27	38, 46, 151, 159
Mode 8	2TX / 2RX (MIMO)	13	36, 40, 48, 149, 157, 165
Mode 9	2TX / 2RX (MIMO)	27	38, 46, 151, 159
Mode 10	2TX / 2RX (MIMO)	58.5	42, 155

Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 1	2412	30.000	30.000	1.000	0.000	0.010
Mode 2	2412	1.415	1.440	0.983	0.076	0.010
Mode 3	2412	1.320	1.330	0.992	0.033	0.010
Mode 4	2422	0.660	0.686	0.962	0.168	1.515
Mode 5	5180	1.415	1.440	0.983	0.076	0.010
Mode 6	5180	1.325	1.355	0.978	0.097	0.755
Mode 7	5190	0.658	0.694	0.948	0.231	1.520
Mode 10	5210	0.333	0.370	0.900	0.458	3.003

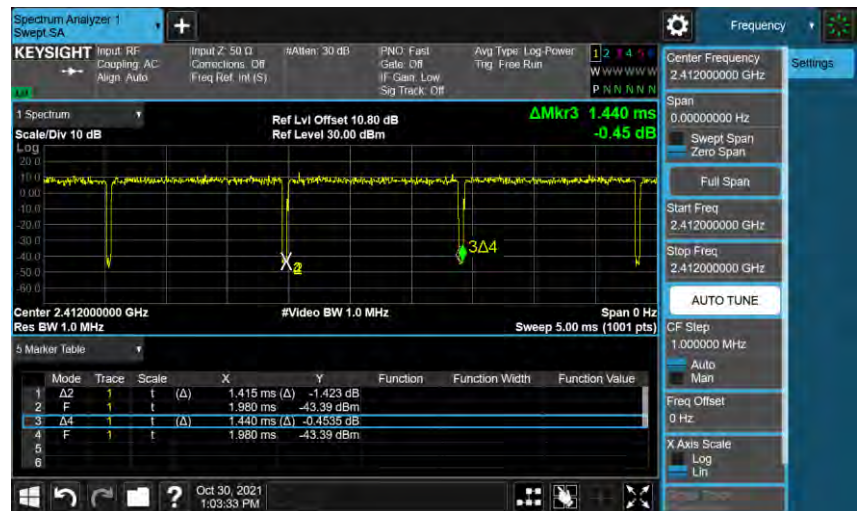
Mode 1: IEEE 802.11b Continuous TX Mode

On+off time



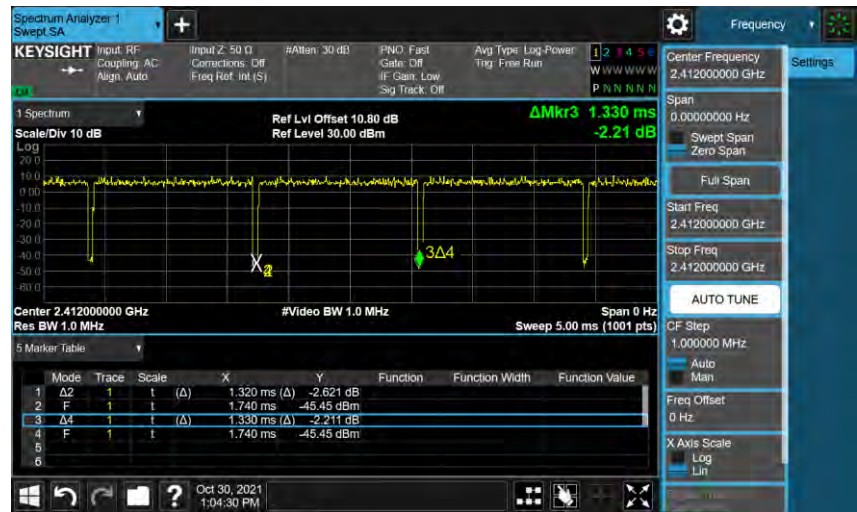
Mode 2: IEEE 802.11g Continuous TX Mode

On+off time



Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode

On+off time



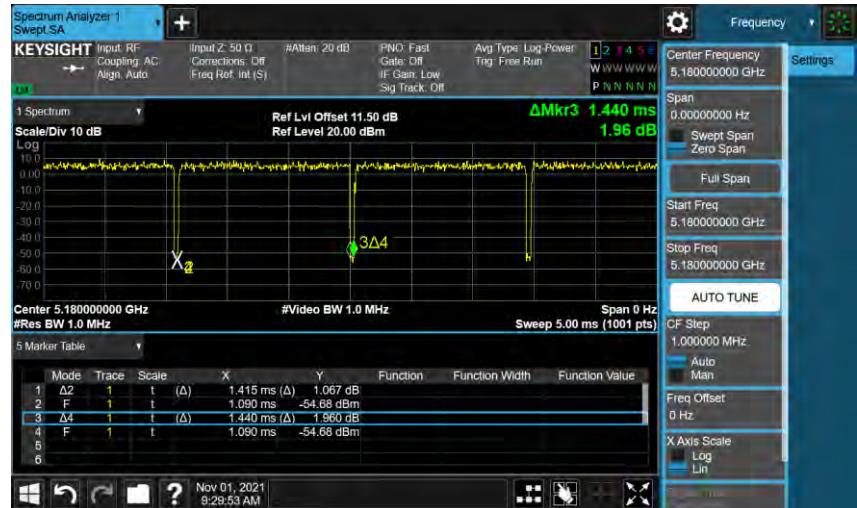
Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode

On+off time



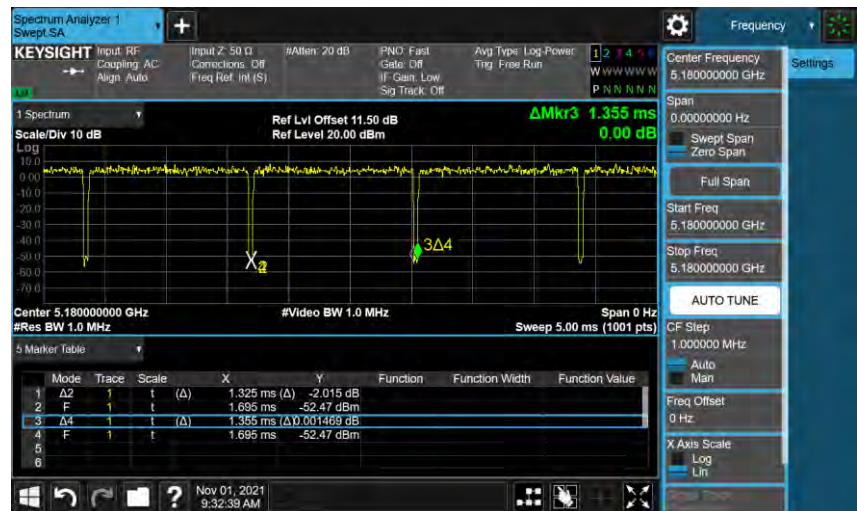
Mode 5: IEEE 802.11a Continuous TX Mode

On+off time



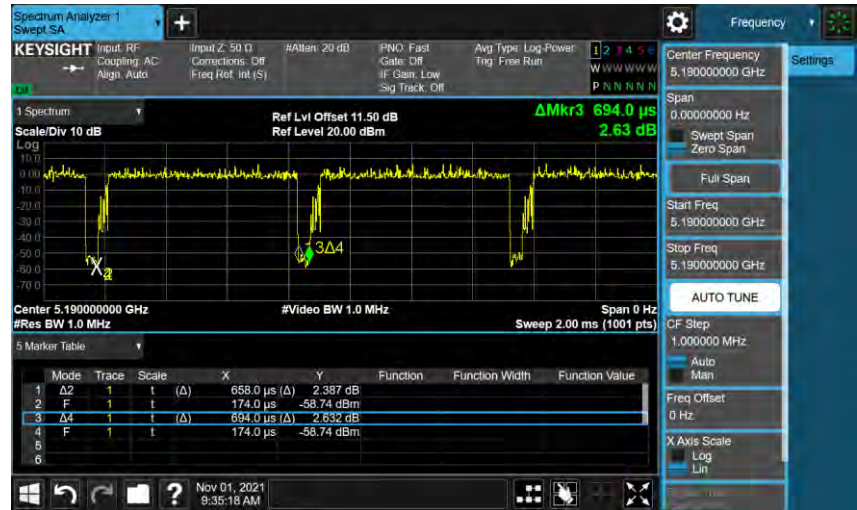
Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode

On+off time



Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode

On+off time



Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode

On+off time



2.5 量測不確定度

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

Test Item	Frequency	Uncertainty
Conducted Emission	150 kHz ~ 30 MHz	2.7 dB
Radiated Emission	9 kHz ~ 30 MHz	2.2 dB
	30 MHz ~ 1000 MHz	5.1 dB
	1000 MHz ~ 18000 MHz	5.2 dB
	18000 MHz ~ 26500 MHz	4.6 dB
	26500 MHz ~ 40000 MHz	4.6 dB
Conducted Output Power		1.1 dB
RF Bandwidth		4.7 %
Power Spectral Density		1.1 dB
Duty Cycle		1.1 %

2.6 試驗環境

產品測試時之實驗室環境條件如下：

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

3. 測試項目與結果判定總表

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

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	低功率射頻器材技術規範 3.3 節	請參閱 5.1 節	請參閱 2.1 節	符合
2	場強輻射其它不必要之訊號 (1 GHz 以下)	低功率射頻器材技術規範 3.5 節、3.6 節、4.10.1.5 節	請參閱 5.2 節	請參閱 2.1 節	符合
3	場強輻射 (1 GHz 以上)	低功率射頻器材技術規範 3.5 節、3.6 節、4.10.1.5 節	請參閱 5.2 節	請參閱 2.1 節	符合
4	頻帶邊緣外之輻射發射	低功率射頻器材技術規範 4.10.1.5 節	請參閱 5.2 節	請參閱 2.1 節	符合
5	最大傳導輸出功率	低功率射頻器材技術規範 4.10.1.2(1)(C)節	請參閱 5.3 節	請參閱 2.1 節	符合
6	天線規格	低功率射頻器材技術規範 4.10.1.3(3)、4.10.1.4 節	請參閱 4.2.3 節	-----	符合
7	非必要頻帶	低功率射頻器材技術規範 4.10.1.5(1)節	請參閱 5.3 節	請參閱 2.1 節	符合
8	6 dB 頻寬	低功率射頻器材技術規範 4.10.1.6(2)(A)節	請參閱 5.3 節	請參閱 2.1 節	符合
9	峰值發射電功率密度	低功率射頻器材技術規範 4.10.1.6(2)(B)節	請參閱 5.3 節	請參閱 2.1 節	符合
10	電波暴露量之評估	低功率射頻器材技術規範 6.20.2 節	請參閱 5.5 節	請參閱 2.1 節	符合

本產品透過預測試場強輻射確認 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。

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	低功率射頻器材技術規範 3.3 節	請參閱 5.1 節	請參閱 2.1 節	符合
2	場強輻射其它不必要之訊號 (1 GHz 以下)	低功率射頻器材技術規範 3.5 節、3.6 節	請參閱 5.4 節	請參閱 2.1 節	符合
3	場強輻射 (1 GHz 以上)	低功率射頻器材技術規範 3.5 節、3.6 節	請參閱 5.4 節	請參閱 2.1 節	符合
4	頻帶邊緣外之輻射發射	低功率射頻器材技術規範 3.6 節、5.7.4 節	請參閱 5.4 節	請參閱 2.1 節	符合
5	非必要頻帶	低功率射頻器材技術規範 5.7.4 節	請參閱 5.5 節	請參閱 2.1 節	符合
6	最大傳導輸出功率	低功率射頻器材技術規範 5.7.3 節	請參閱 5.5 節	請參閱 2.1 節	符合
7	最大傳導功率頻譜密度	低功率射頻器材技術規範 5.7.3 節	請參閱 5.5 節	請參閱 2.1 節	符合
8	26 dB 頻寬之要求	N/A	請參閱 5.5 節	請參閱 2.1 節	----
9	6 dB 頻寬之要求	低功率射頻器材技術規範 5.7.5 節	請參閱 5.5 節	請參閱 2.1 節	符合
10	發射功率控制(TPC)	低功率射頻器材技術規範 5.7.7.1 節	N/A	N/A	不適用
11	動態頻率選擇(DFS) 雷達偵測功能	低功率射頻器材技術規範 5.7.7.2 節	N/A	N/A	不適用
12	動態頻率選擇(DFS) 頻道可用性檢查時間	低功率射頻器材技術規範 5.7.7.2(3)節	N/A	N/A	不適用
13	動態頻率選擇(DFS) 頻道移動時間	低功率射頻器材技術規範 5.7.7.2(4)節	N/A	N/A	不適用
14	動態頻率選擇(DFS) 不可佔用時間	低功率射頻器材技術規範 5.7.7.2(5)節	N/A	N/A	不適用
15	天線規格	低功率射頻器材技術規範 5.7.8 節	請參閱 4.3.6 節	-----	符合
16	電波暴露量之評估	低功率射頻器材技術規範 6.20.2 節	請參閱 5.5 節	請參閱 2.1 節	符合

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

Decision Rule

☒ Uncertainty is not included.

☐ Uncertainty is included.

4. 測試項目表列

4.1 電源線傳導干擾之量測

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 3.3 節，以市電為電源之低功率射頻器材，其傳導回電源線上頻率自 150 kHz 至 30 MHz 之射頻電壓（在電源端子每一電源線對接地點）不得超過下表所列之限值。測量時應經過 50 Ω /50 μ H 之電源線阻抗模擬網路 (LISN)。頻率重疊處，以較低限值為準。

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

註：隨頻率之對數遞減。

測試方法：

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

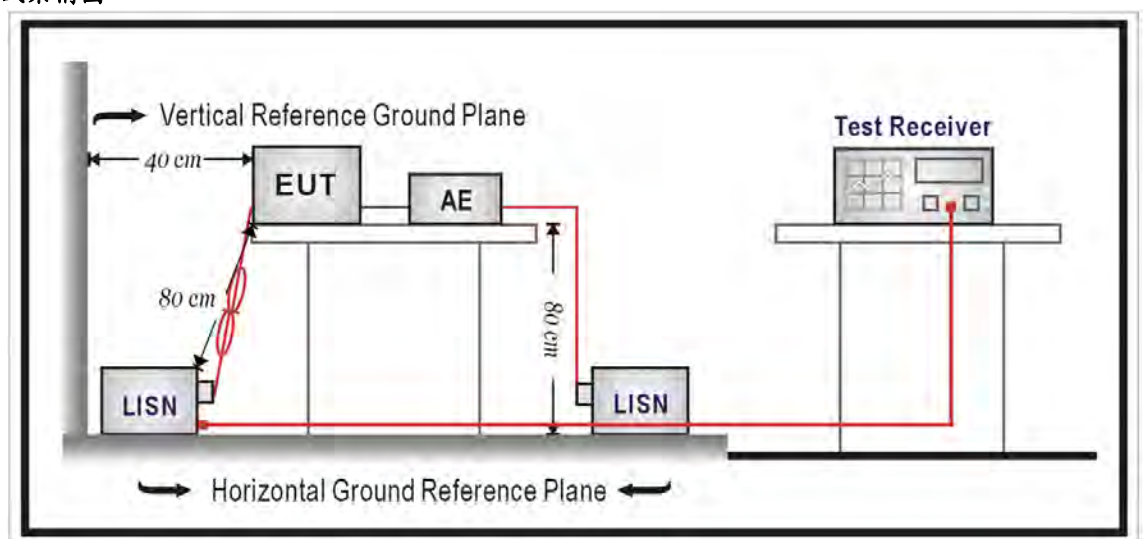
干擾值之計算

電源傳導干擾電壓之計算公式如下

結果值 = 儀器讀值(QP/AV) + 校正因子

其中校正因子為：饋線損失 + 電源阻抗模擬網路損失

測試架構圖：



4.2 2.4 GHz 檢驗項目

4.2.1 場強輻射之量測

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之使用頻帶範圍外之任意 100 千赫 (kHz)內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫(kHz)內的射頻功率，至少須衰減 20 dB，以射頻傳導或輻射方式測量。如發射機以依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.2(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 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定。

依據 NCC 低功率射頻器材技術規範第 3.5 節之規定,禁用頻段如下：

頻率(MHz)	頻率(MHz)	頻率(MHz)	頻率(MHz)
0.090~0.110	108.00~138.00	1660.0~1785.0	8025.0~8500.0
0.490~0.510	149.90~150.05	1805.0~1888.0	9000.0~9200.0
2.172~2.198	156.70~156.90	1885.0~1900.0	9300.0~9500.0
3.013~3.033	162.01~167.17	1905.0~1985.0	10600~12700
4.115~4.198	167.72~173.20	2010.0~2025.0	13250~13400
5.670~5.690	240.00~285.00	2110.0~2170.0	14470~14500
6.200~6.300	322.00~335.40	2200.0~2300.0	15350~16200
8.230~8.400	399.90~410.00	2310.0~2390.0	17700~21400
12.265~12.600	485.00~510.00	2483.5~2900.0	22010~23120
13.340~13.430	608.00~614.00	3260.0~3267.0	23600~24000
14.965~15.020	703.00~748.00	3332.0~3339.0	31200~31800
16.700~16.755	758.00~803.00	3345.8~3358.0	36430~36500
19.965~20.020	825.00~915.00	3500.0~4400.0	38600 以上
25.500~25.700	930.00~1240.0	4500.0~5250 MHz.0	
37.475~38.275	1300.0~1427.0	5350.0~5460.0	
73.500~75.400	1435.0~1626.5	7250.0~7750.0	

依據 NCC 低功率射頻器材技術規範第 3.6 節之規定,除本規範各章節另有放寬規定者外，其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。

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

測試方法：

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

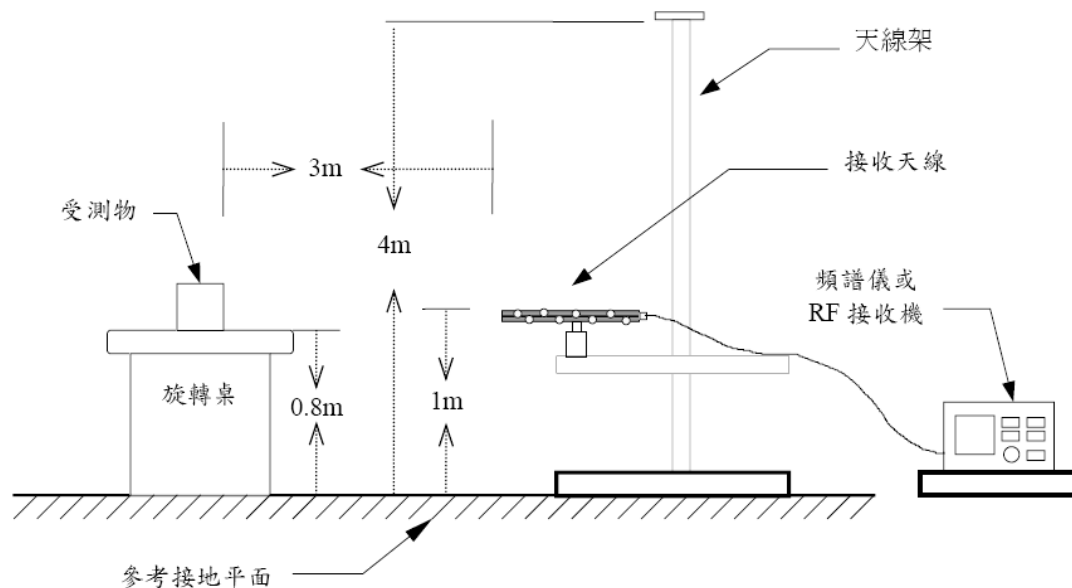
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

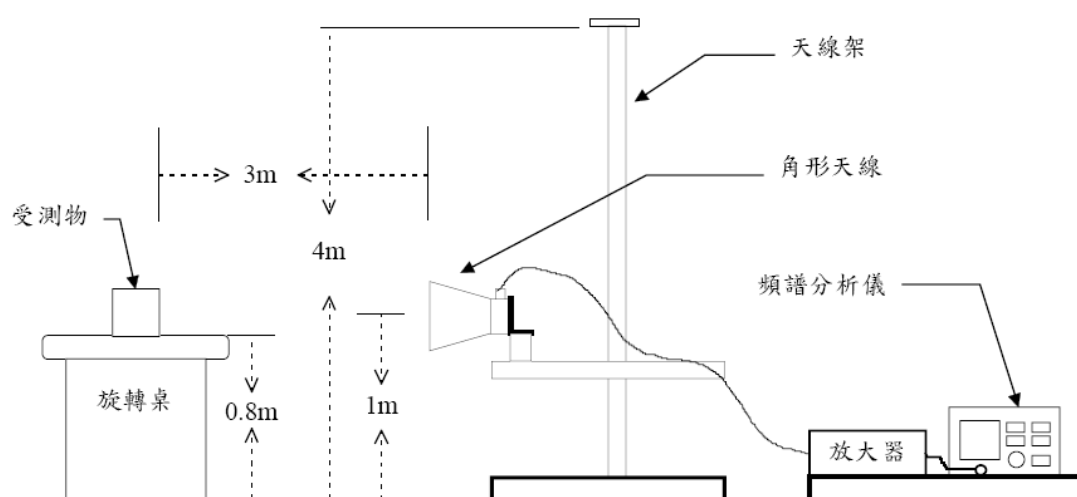
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



量測頻率高於 1 GHz 以上之測試配置

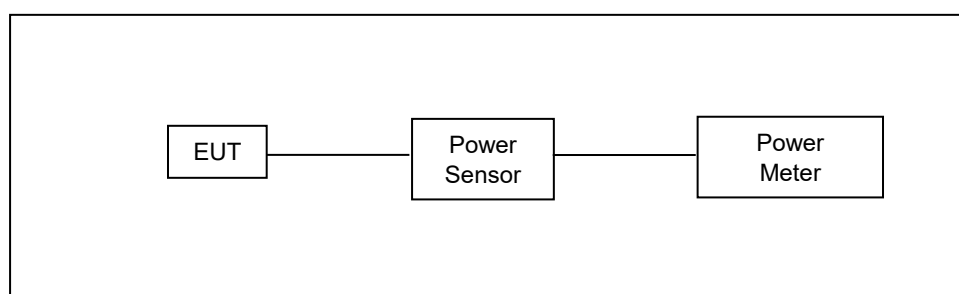


4.2.2 最大傳導輸出功率之量測

合格標準:

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

測試架構圖：



4.2.3 天線規格之要求

合格標準:

依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.3(3)節之要求，除 4.10.1.3(1)及 4.10.1.3(2)外，使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率限制值。

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

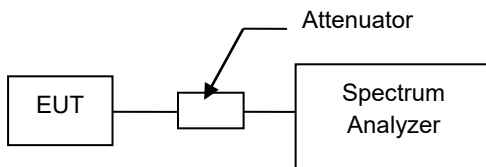
判定結果：符合。

4.2.4 非必要頻帶之量測

合格標準:

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

測試架構圖：



附註 1: 於使用頻帶範圍之任意 100 千赫 (kHz)內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz)內的射頻功率，衰減 30 分貝(dB)以上，符合規定。

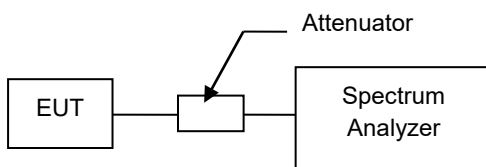
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 30 dB。

4.2.5 6 dB頻寬之要求

合格標準:

依據 NCC 低功率射頻器材技術規範 4.10.1.6(2)(A)節之要求，對使用數位調變技術(Digital Modulation Techniques)系統而言， 6 dB 頻寬至少應有 500 千赫(kHz)。

測試架構圖：



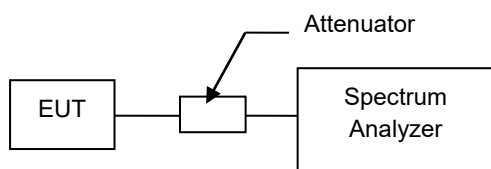
4.2.6 峰值發射電功率密度之要求

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.6(2)(B)節之要求，數位調變技術(Digital Modulation Techniques)系統之功率密度,再使用頻率範圍之任意 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 8 dBm(複合系統時，關閉跳頻作業狀態檢驗)。

測試架構圖：

測試場地測試配置如圖所示。



4.2.7 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：

6.20.2.1 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

6.20.2.2 一般人/不可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

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 低功率射頻器材技術規範(LP0002)之落於第 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定。

依據 NCC 低功率射頻器材技術規範第 3.5 節之規定,禁用頻段如下：

頻率(MHz)	頻率(MHz)	頻率(MHz)	頻率(MHz)
0.090~0.110	108.00~138.00	1660.0~1770.0	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 MHz.0	
37.475~38.275	1300.0~1427.0	5350.0~5460.0	
73.500~75.400	1435.0~1626.5	7250.0~7750.0	

依據 NCC 低功率射頻器材技術規範第 3.6 節之規定,除本規範各章節另有放寬規定者外，其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。

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

非必要頻帶合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 5.7.4 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) $\leq$ -27 dBm/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 3.6 條之規定，任何使用市電為供應電源之設備亦須符合 3.3 條之電源線傳導限值。
6. 不必要發射頻率屬第 3.5 條規定頻帶者，應符合第 3.6 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。

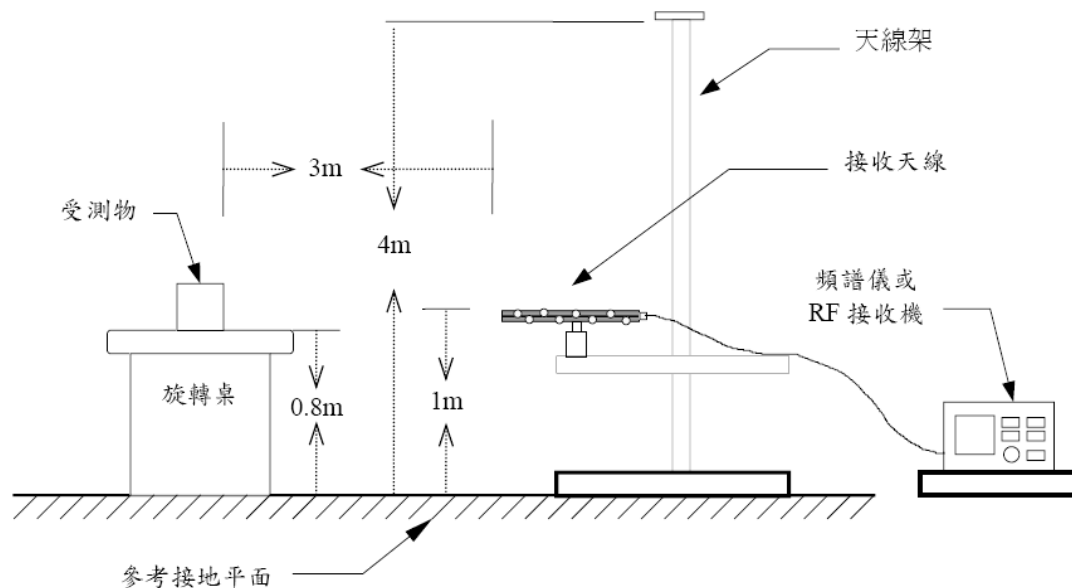
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

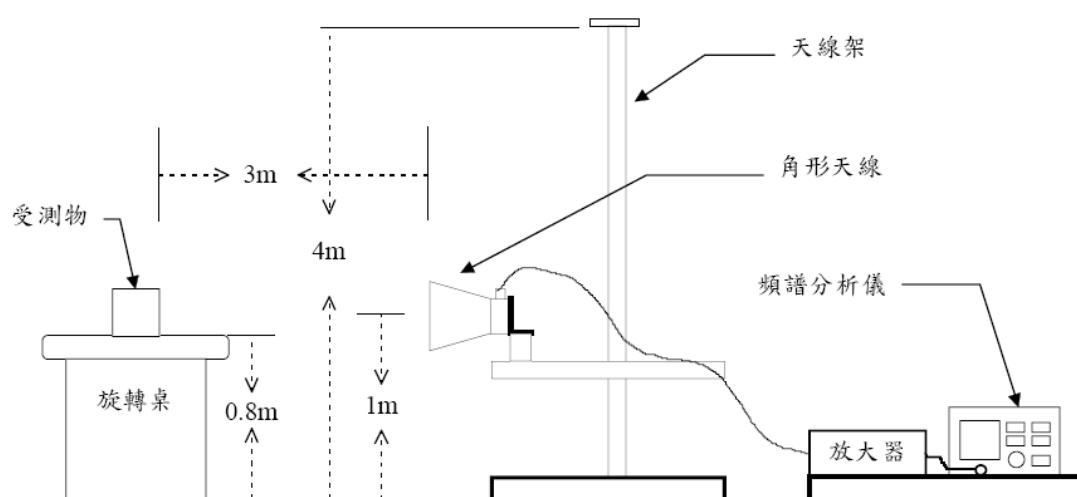
其中校正因子為：天線因子 + 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

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



4.3.2 最大傳導輸出功率之量測

合格標準:

依據 NCC 低功率射頻器材技術規範(LP0002)之 5.7.3 節之要求:

1. 5.15-5.25 GHz 頻帶

(1) 供戶外操作使用:

- 最大傳導輸出功率不能超過 1 W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 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及最大功率頻譜密度。
- 在水平面仰角超過 30 度時，其最大 EIRP 不能超過 21dBm。

(2) 供室內操作使用:

- 最大傳導輸出功率不能超過 1 W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 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及最大功率頻譜密度。

(3) 供固定式點對點操作使用:

- 最大傳導輸出功率不能超過 1 W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 23dBi 方向增益之指向性天線時，應依超過 23dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供行動或可攜式裝置操作使用:

- 最大傳導輸出功率不能超過 250 mW。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 11dBm。
- 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及最大功率頻譜密度。

2. 5.25-5.35 GHz 與 5.470-5.725 GHz 頻帶

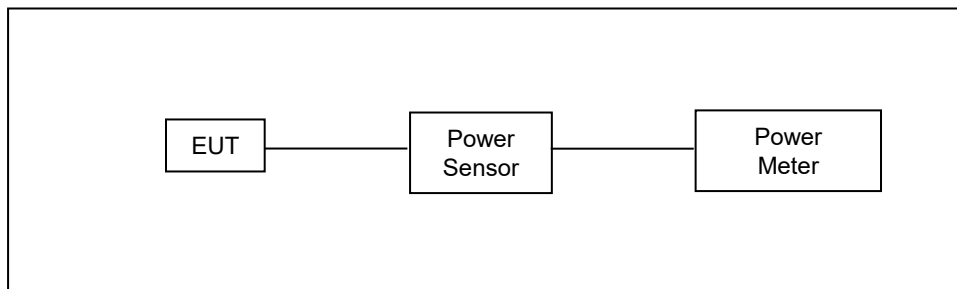
- (1) 最大傳導輸出功率不能超過 250 mW 或 $11 \text{ dBm} + 10 \log B$ (B 是 26 dB 發射頻寬，單位 MHz)之較小者。
- (2) 最大功率頻譜密度在任何 1 MHz 頻帶中不能超過 11 dBm。
- (3) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

3. 5.725-5.850 GHz 頻帶

- (1) 最大傳導輸出功率不能超過 1 W。
- (2) 在任何 500 kHz 頻帶中最大功率頻譜密度不能超過 30 dBm。
- (3) 供固定式點對點操作時，使用方向增益超過 6 dBi 之發射天線，可不需對應減少發射器之傳導輸出功率限制值。
- (4) 除(3)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及最大功率頻譜密度。

4. 最大傳導輸出功率必須使用依據均方根等效電壓校準之儀器量測於任何連續傳輸之時段，量測結果須依儀器限制（如偵測器反應時間、相較於發射頻寬有限之解析頻寬能力，靈敏度等）調整得出正確之峰值量測，以符合本段落所提之發射定義。

測試架構圖：



4.3.3 最大傳導功率頻譜密度之要求

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 5.7.3 節之要求：

1. 5.15-5.25 GHz 頻帶

(1) 供戶外操作使用：

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 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及最大功率頻譜密度。
- 在水平面仰角超過 30 度時，其最大 EIRP 不能超過 21 dBm。

(2) 供室內操作使用：

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 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及最大功率頻譜密度。

(3) 供固定式點對點操作使用：

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 23 dBi 方向增益之指向性天線時，應依超過 23 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供行動或可攜式裝置操作使用：

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 11 dBm。
- 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及最大功率頻譜密度。

2. 5.25-5.35 GHz 與 5.470-5.725 GHz 頻帶

(1) 最大功率頻譜密度在任何 1 MHz 頻帶中不能超過 11 dBm。

(2) 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及最大功率頻譜密度。

3. 5.725-5.850 GHz 頻帶

(1) 在任何 500 kHz 頻帶中最大功率頻譜密度不能超過 30 dBm。

(2) 供固定式點對點操作時，使用方向增益超過 6 dBi 之發射天線，可不需對應減少發射器之傳導輸出功率限制值。

(3) 除(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及最大功率頻譜密度。

4. 最大功率頻譜密度量測規定：

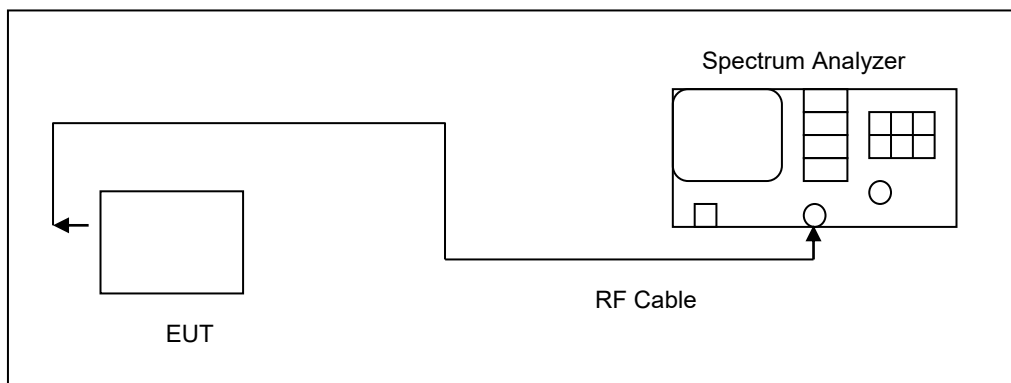
(1) 應將量測儀器直接連接待測物，以傳導方式執行。

(2) 5.15 GHz~5.25 GHz、5.25 GHz~5.35 GHz 及 5.47 GHz~5.725 GHz 頻帶，量測儀器之頻寬應設定為 1 MHz 頻寬或待測物之 26 dB 發射頻寬，兩者取較小者。

(3) 5.725 GHz~5.850 GHz 頻帶，量測器之頻寬應設定為 500 kHz 或待測物之 26 dB 發射頻寬，兩者取較小者。

(4) 解析頻寬小於(2)或(3)時，應以補償方式計算總功率頻譜密度。

測試架構圖：

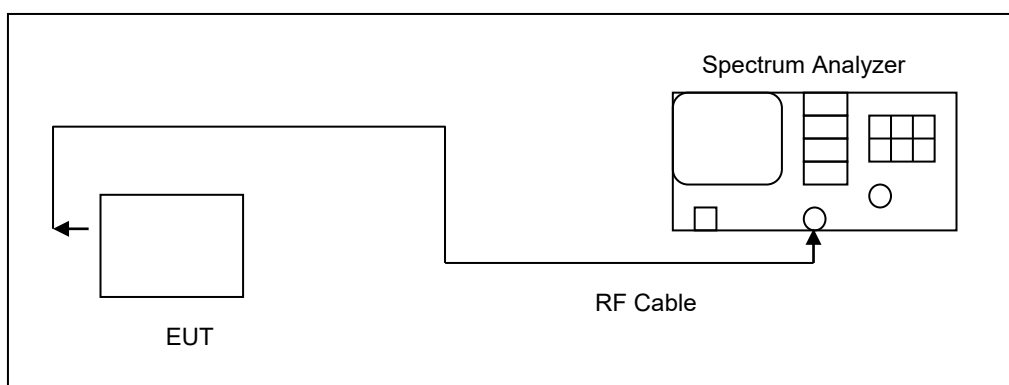


4.3.4 26 dB頻寬之要求

合格標準:

N/A

測試架構圖：

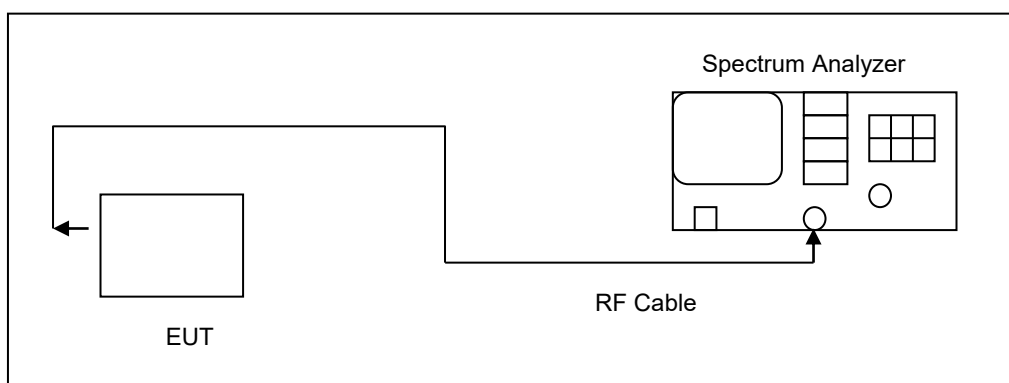


4.3.5 6 dB頻寬之要求

合格標準:

在 5.725 GHz~5.850 GHz 頻帶操作之設備，其 6 dB 頻寬至少應有 500 kHz。

測試架構圖：



4.3.6 天線規格之要求

合格標準:

據 NCC 低功率射頻器材技術規範(LP0002)之 5.7.8 節之要求，天線之規格不受第 3.2 節規定之限制

判定結果: 符合。

4.3.7 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：

6.20.2.1 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

6.20.2.2 一般人/不可控制之暴露

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

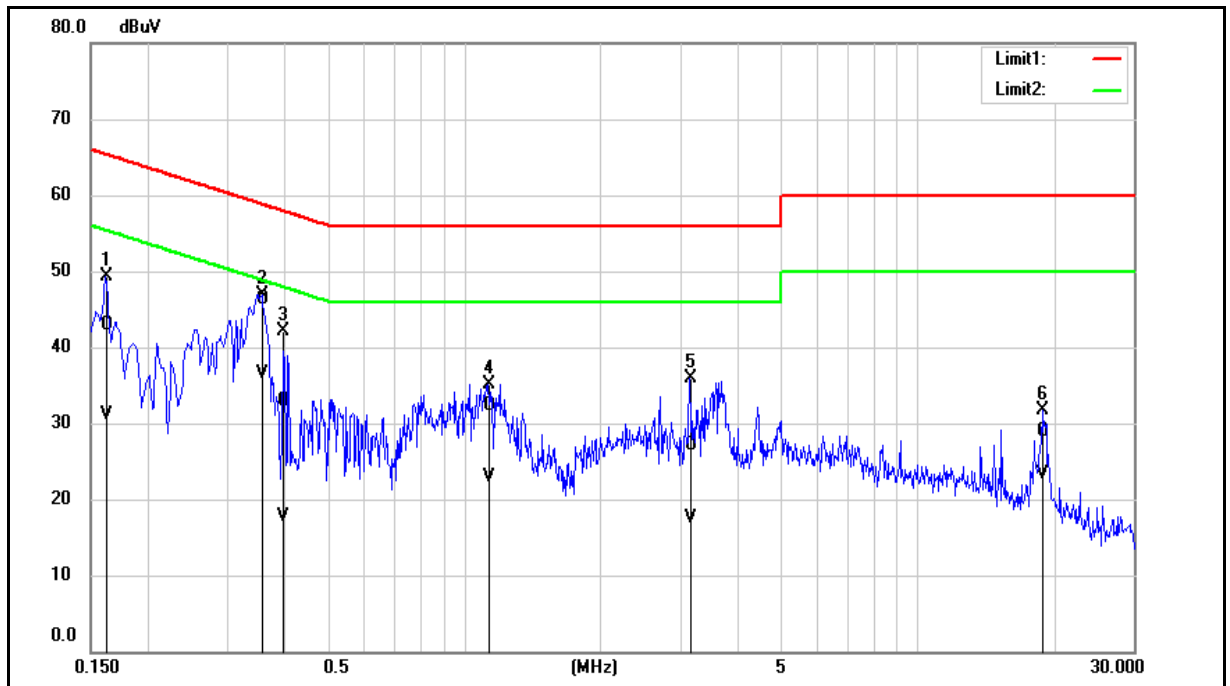
註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

5. Test Results

5.1 Conducted Emission

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

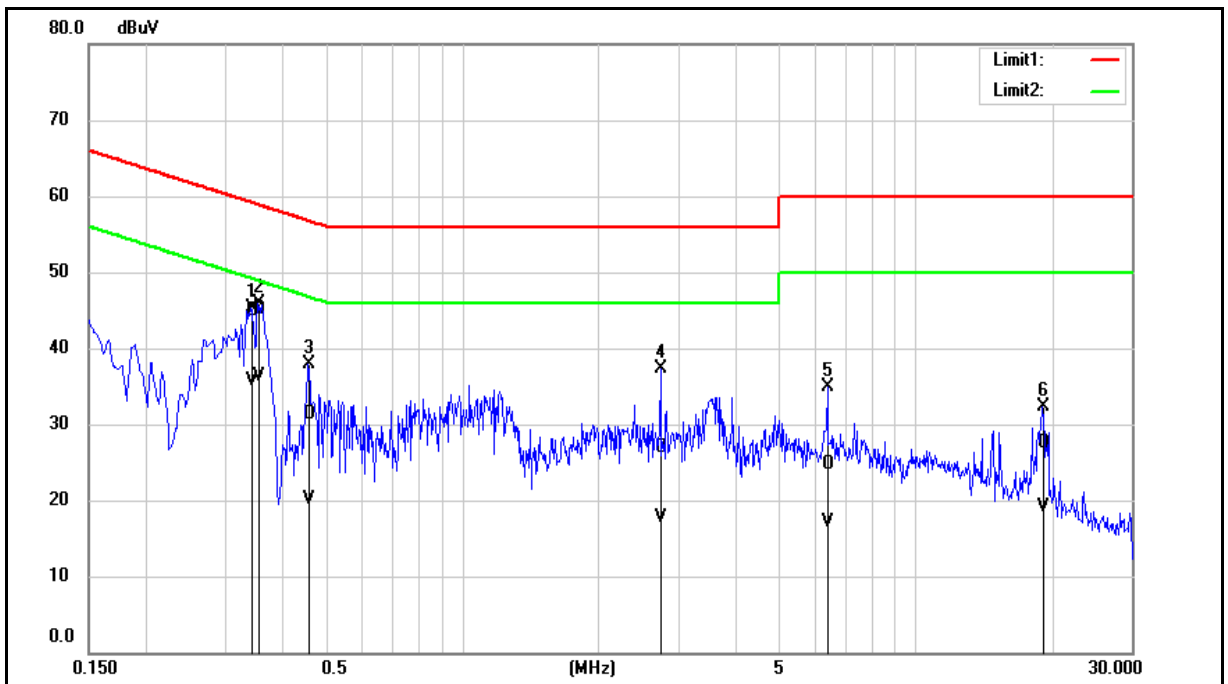


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1620	33.16	21.36	9.74	42.90	31.10	65.36	55.36	-22.46	-24.26	Pass
2	0.3580	36.62	26.78	9.74	46.36	36.52	58.77	48.77	-12.41	-12.25	Pass
3	0.3997	23.25	8.06	9.74	32.99	17.80	57.86	47.86	-24.87	-30.06	Pass
4	1.1300	22.61	13.10	9.76	32.37	22.86	56.00	46.00	-23.63	-23.14	Pass
5	3.1540	17.33	7.60	9.83	27.16	17.43	56.00	46.00	-28.84	-28.57	Pass
6	18.8820	18.94	13.26	10.04	28.98	23.30	60.00	50.00	-31.02	-26.70	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.3420	35.27	26.01	9.72	44.99	35.73	59.15	49.15	-14.16	-13.42	Pass
2	0.3540	35.29	26.66	9.73	45.02	36.39	58.87	48.87	-13.85	-12.48	Pass
3	0.4580	21.61	10.38	9.73	31.34	20.11	56.73	46.73	-25.39	-26.62	Pass
4	2.7420	17.10	7.85	9.82	26.92	17.67	56.00	46.00	-29.08	-28.33	Pass
5	6.3860	14.75	7.15	9.91	24.66	17.06	60.00	50.00	-35.34	-32.94	Pass
6	19.0260	17.37	8.99	10.17	27.54	19.16	60.00	50.00	-32.46	-30.84	Pass

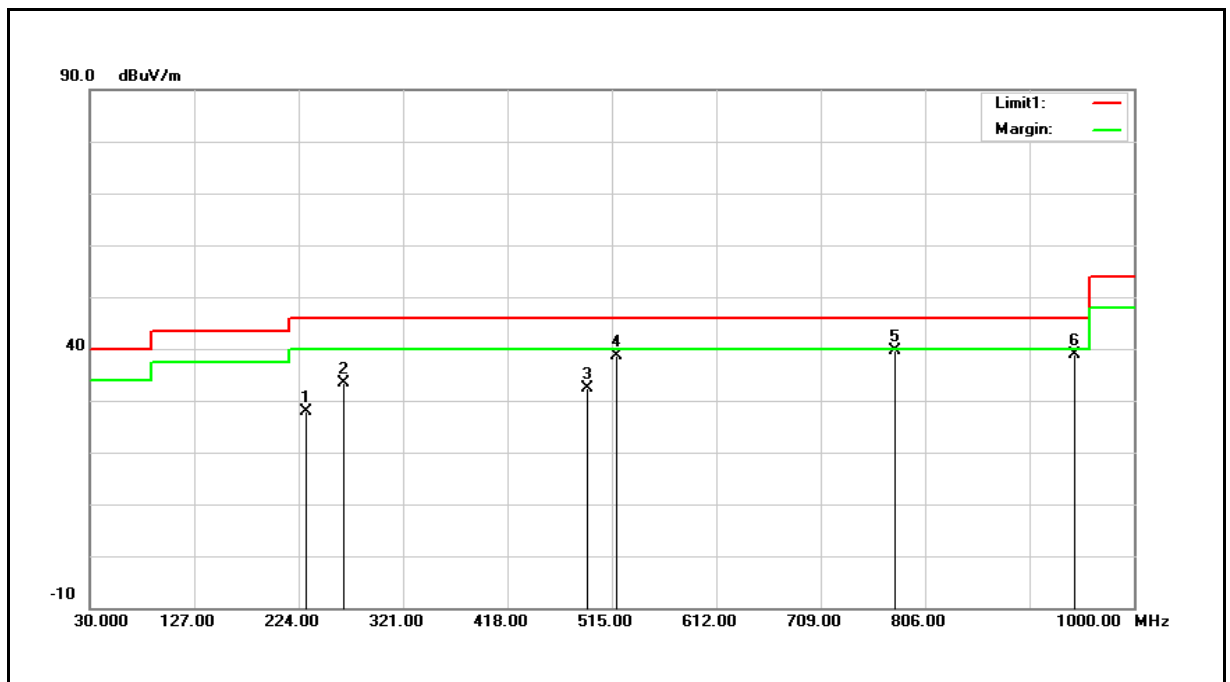
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

5.2 Radiated Emission Measurement (2.4 GHz)

其它不必要之讯号 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	230.7900	34.42	-6.66	27.76	46.00	-18.24	QP
2	265.7100	38.63	-5.19	33.44	46.00	-12.56	QP
3	491.7200	32.65	-0.27	32.38	46.00	-13.62	QP
4	518.8800	38.30	0.30	38.60	46.00	-7.40	QP
5	777.8700	33.88	5.73	39.61	46.00	-6.39	QP
6	944.7100	29.81	9.02	38.83	46.00	-7.17	QP

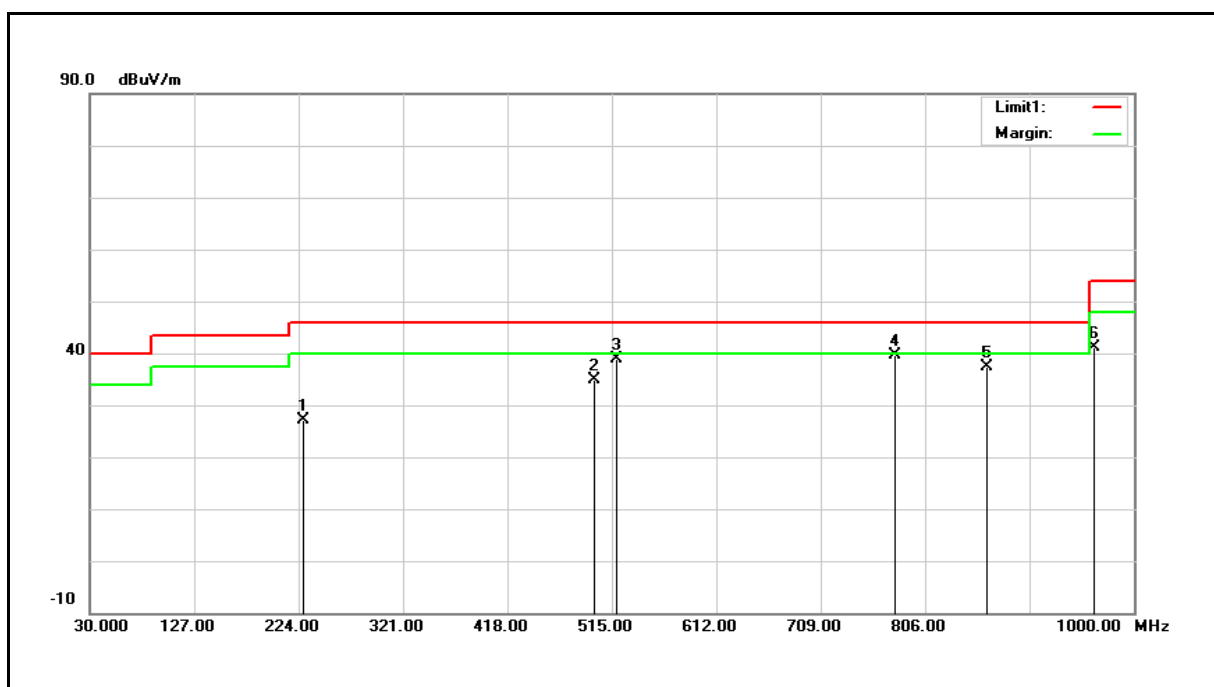
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $27.76 = -6.66 + 34.42$

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	228.8500	33.80	-6.76	27.04	46.00	-18.96	QP
2	498.5100	35.11	-0.17	34.94	46.00	-11.06	QP
3	518.8800	38.57	0.30	38.87	46.00	-7.13	QP
4	777.8700	33.97	5.73	39.70	46.00	-6.30	QP
5	863.2300	30.18	7.32	37.50	46.00	-8.50	QP
6	963.1400	31.70	9.33	41.03	54.00	-12.97	QP

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

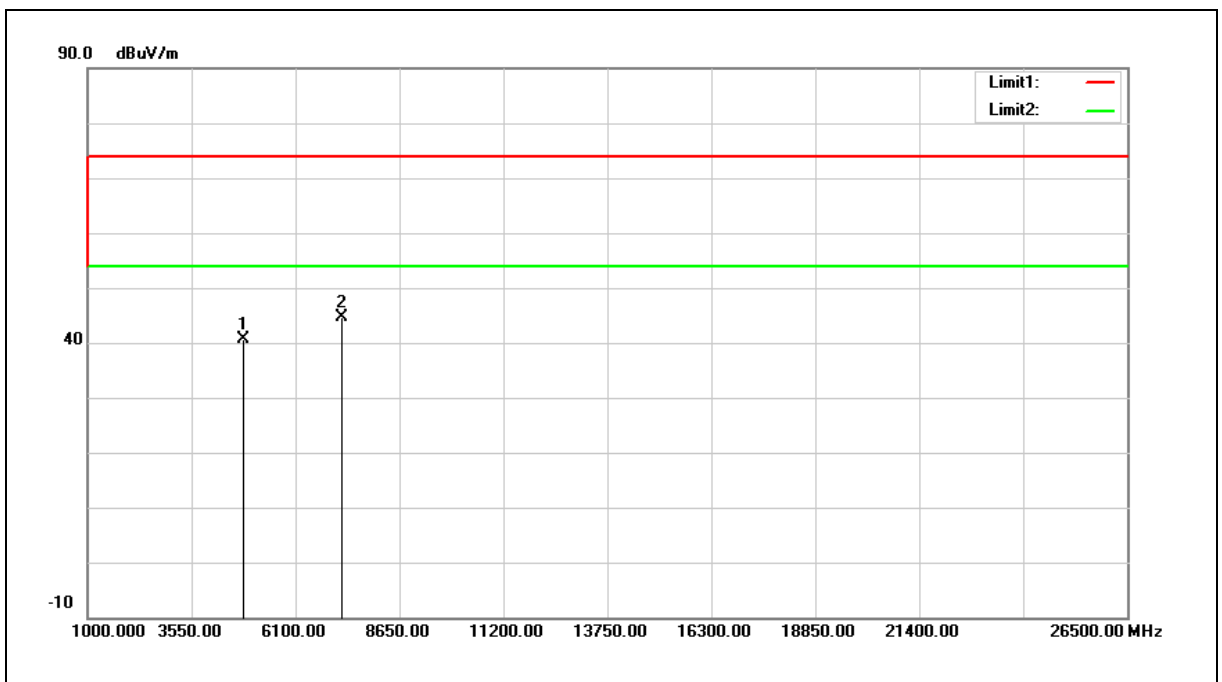
Example: $27.04 = -6.76 + 33.80$

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

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

場強輻射量測 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
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	4824.000	35.54	5.07	40.61	74.00	-33.39	peak
2	7236.000	32.33	12.25	44.58	74.00	-29.42	peak

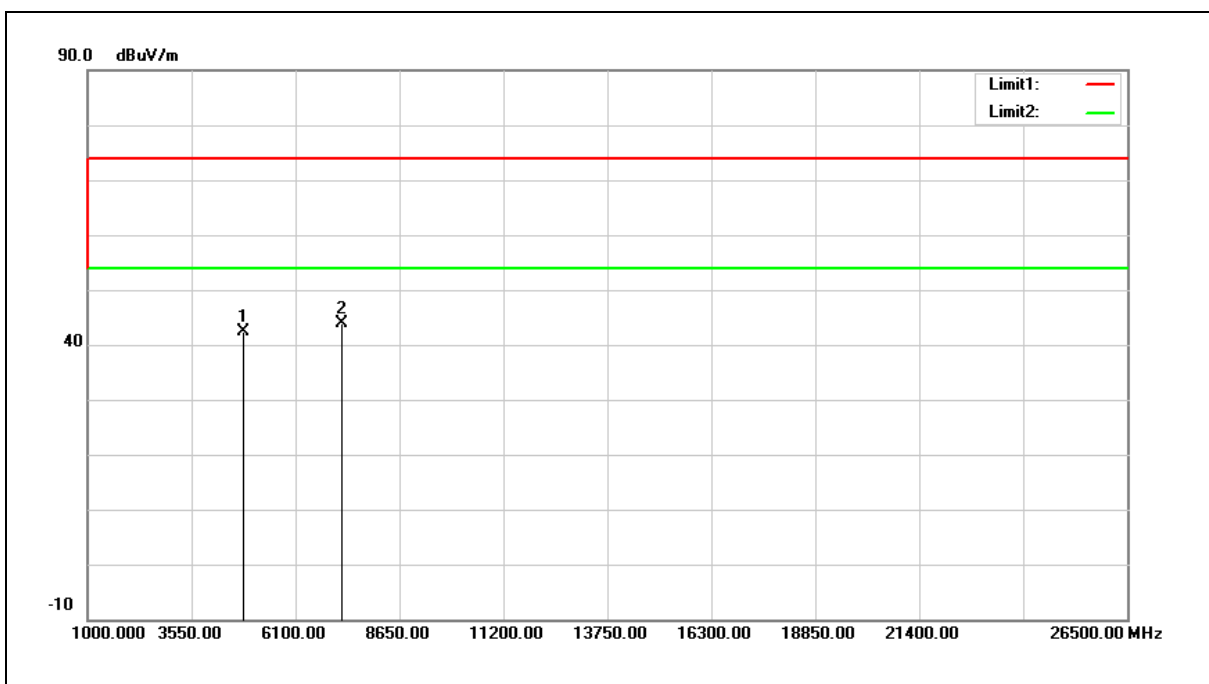
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $40.61 = 5.07 + 35.54$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
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	4824.000	37.29	5.07	42.36	74.00	-31.64	peak
2	7236.000	31.53	12.25	43.78	74.00	-30.22	peak

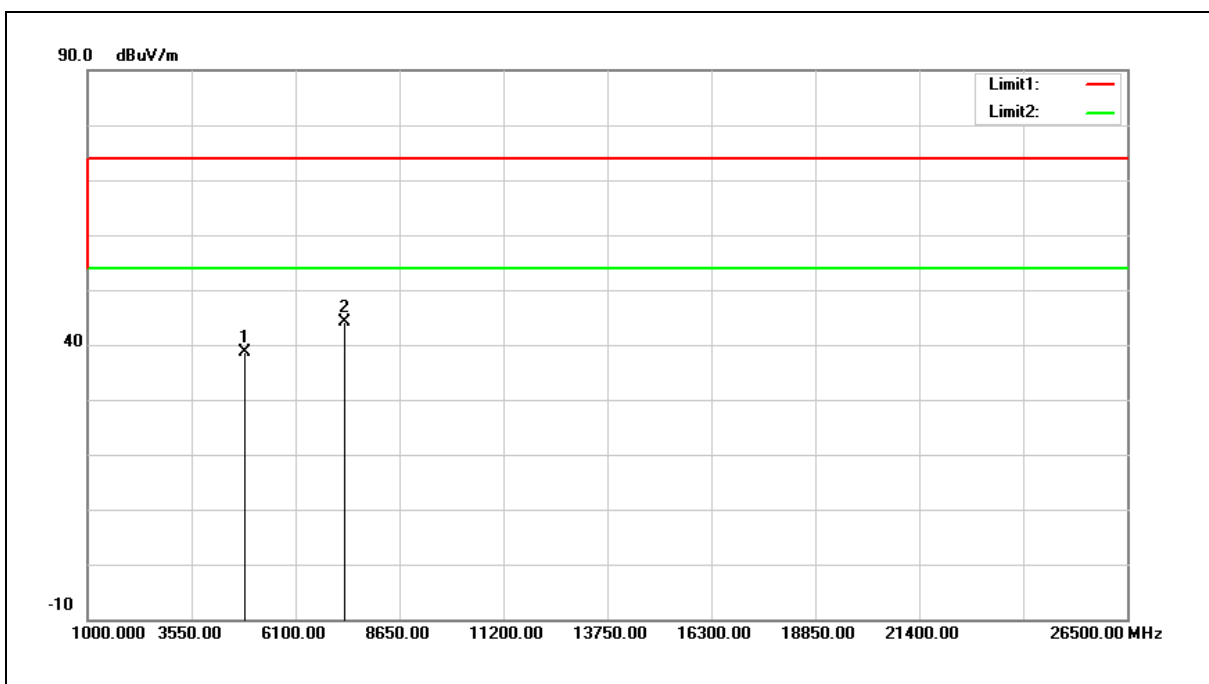
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $42.36 = 5.07 + 37.29$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



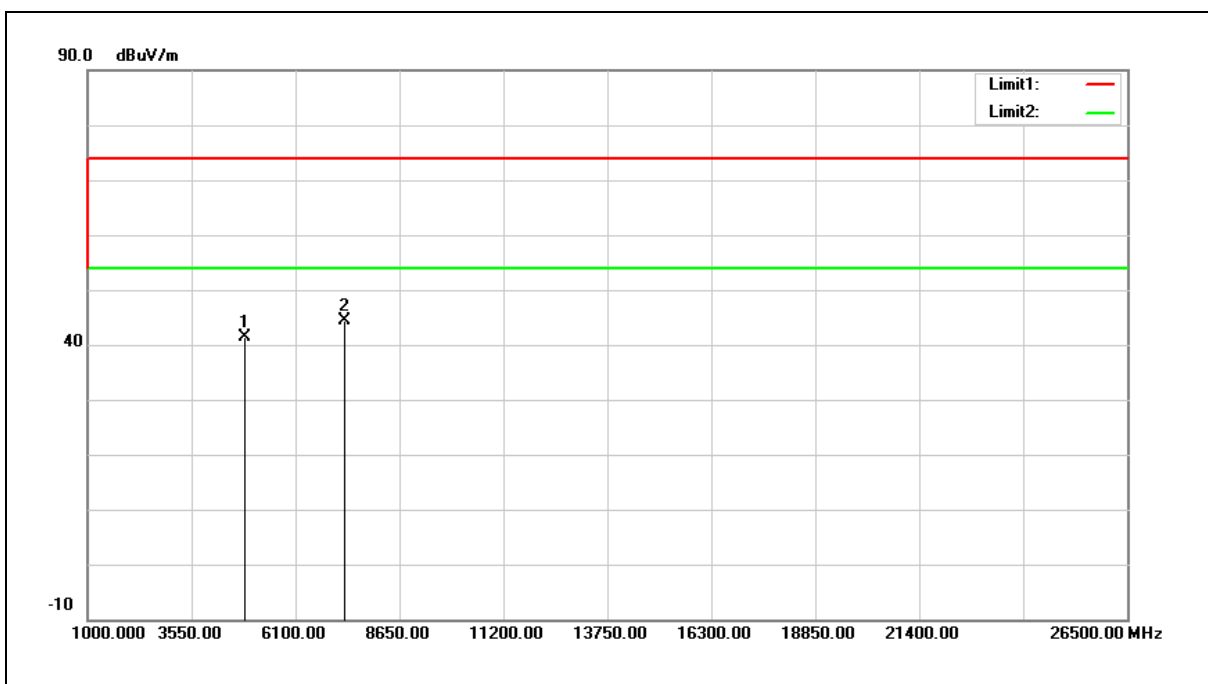
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.46	5.23	38.69	74.00	-35.31	peak
2	7311.000	31.64	12.38	44.02	74.00	-29.98	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



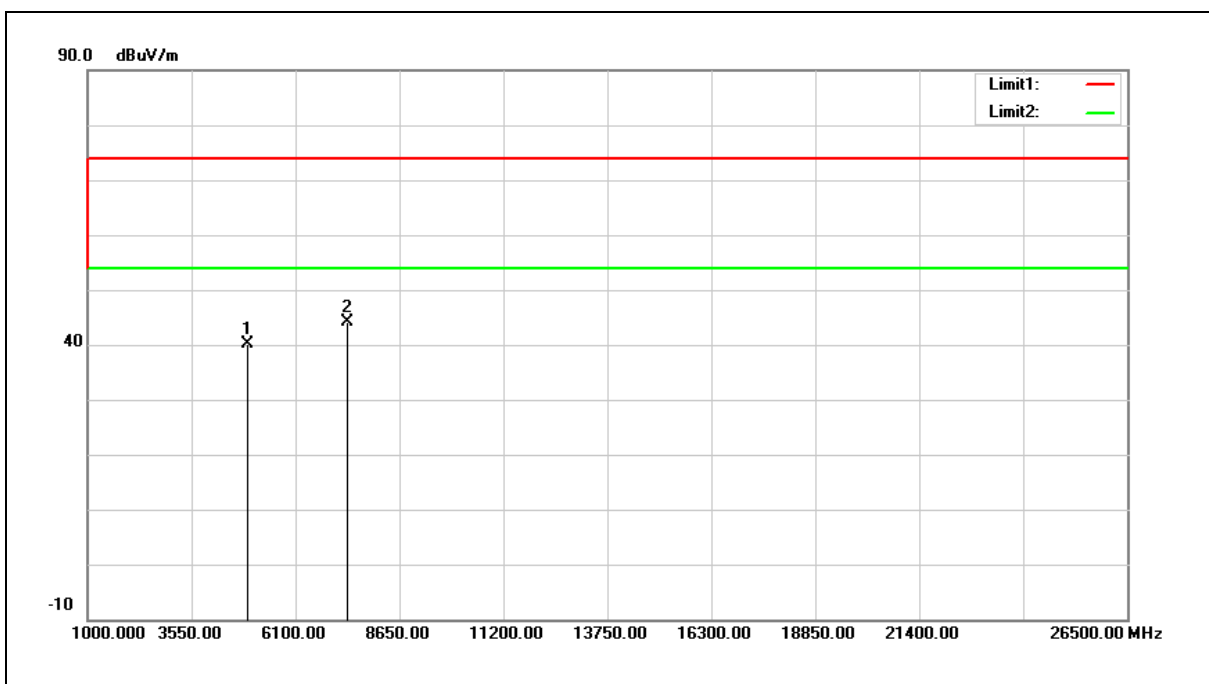
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	36.15	5.23	41.38	74.00	-32.62	peak
2	7311.000	32.12	12.38	44.50	74.00	-29.50	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



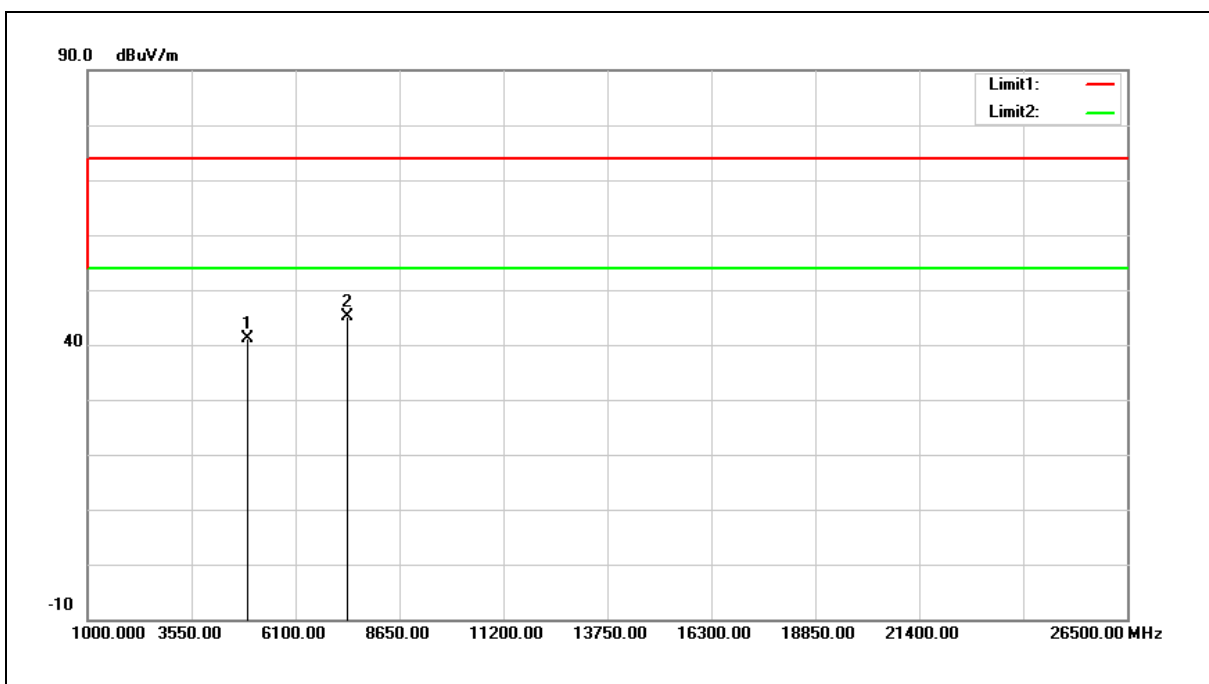
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.69	5.39	40.08	74.00	-33.92	peak
2	7386.000	31.67	12.53	44.20	74.00	-29.80	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



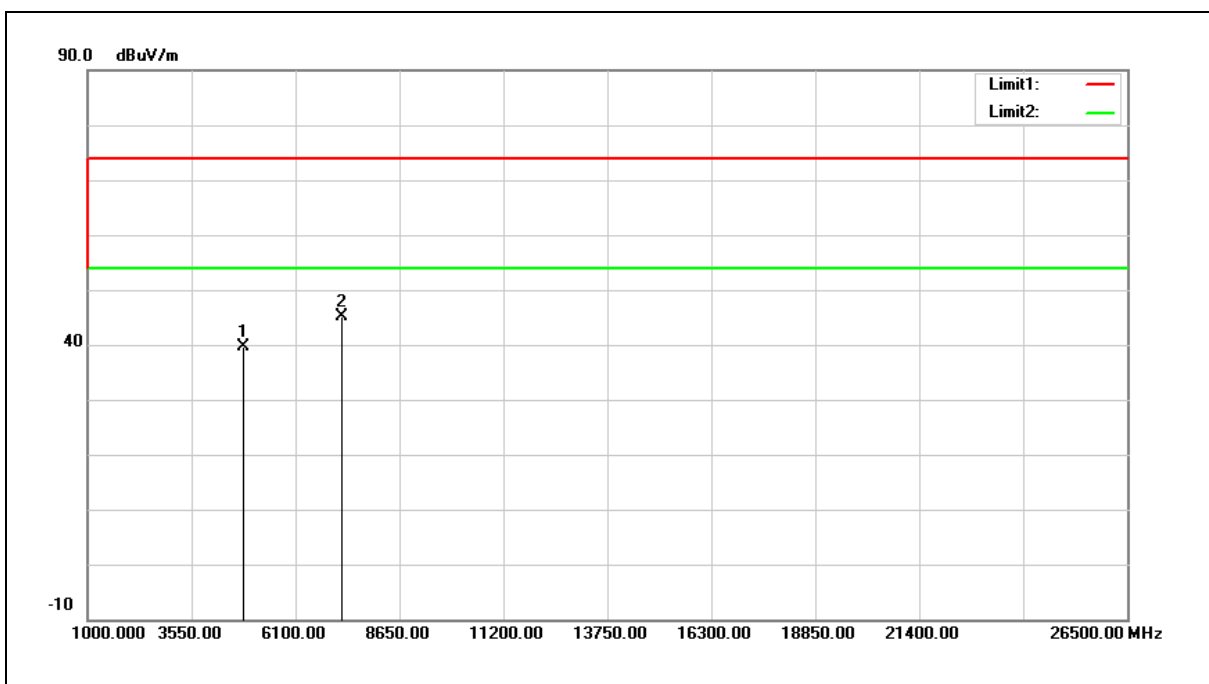
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.82	5.39	41.21	74.00	-32.79	peak
2	7386.000	32.56	12.53	45.09	74.00	-28.91	peak

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

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

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

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



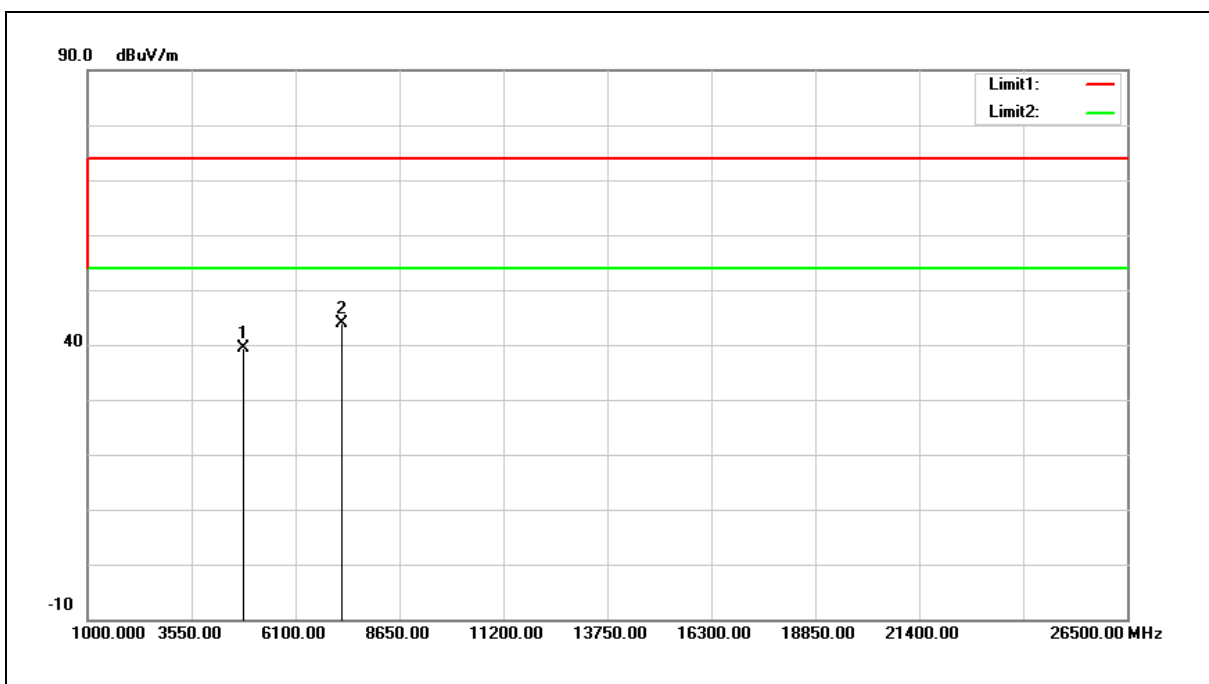
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.51	5.07	39.58	74.00	-34.42	peak
2	7236.000	32.82	12.25	45.07	74.00	-28.93	peak

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

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

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

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



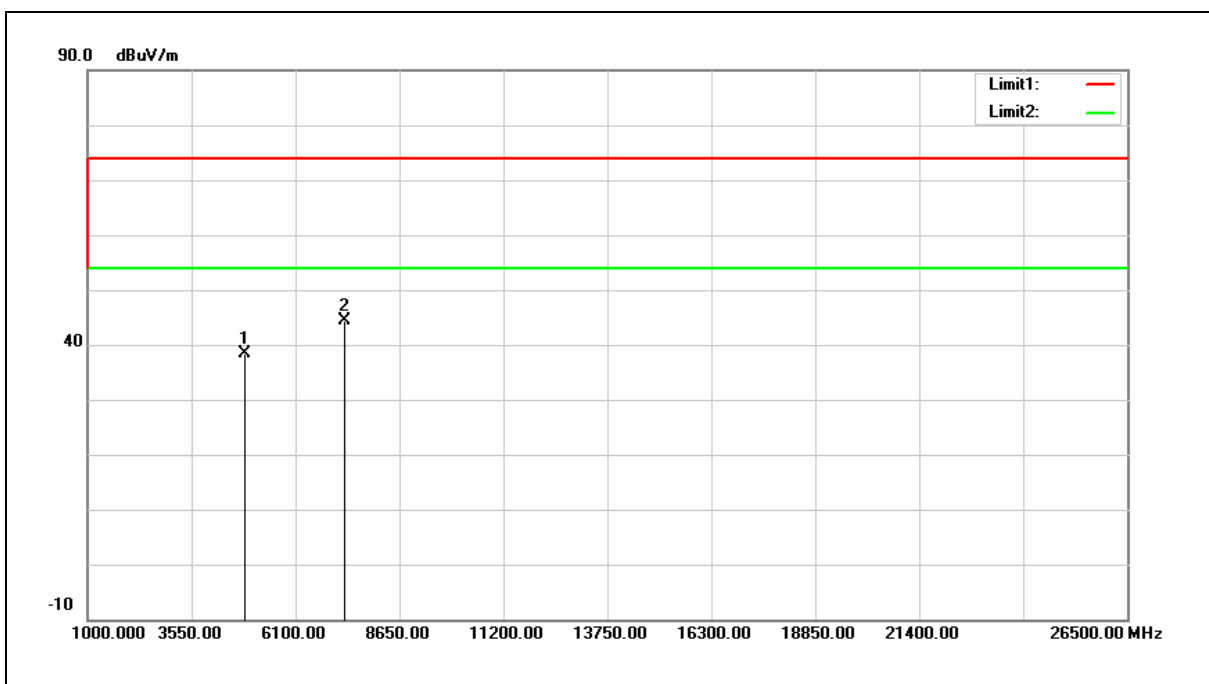
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.19	5.07	39.26	74.00	-34.74	peak
2	7236.000	31.51	12.25	43.76	74.00	-30.24	peak

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

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

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

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



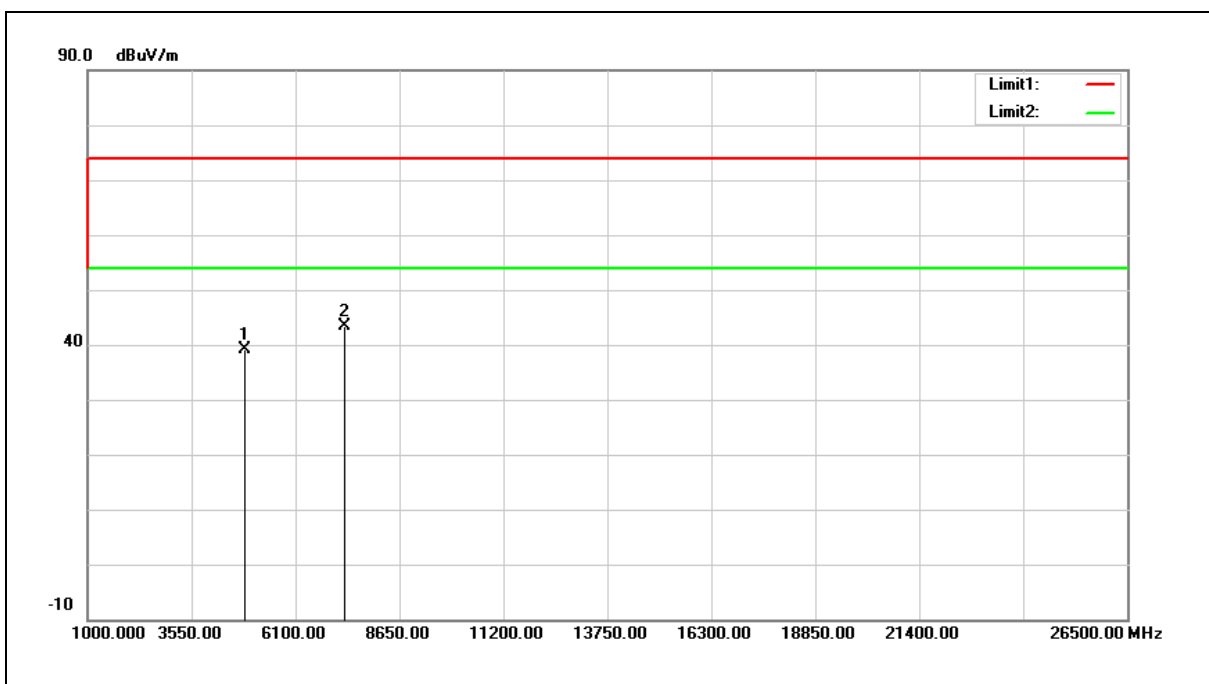
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.17	5.23	38.40	74.00	-35.60	peak
2	7311.000	32.08	12.38	44.46	74.00	-29.54	peak

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		
Frequency:	2437 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



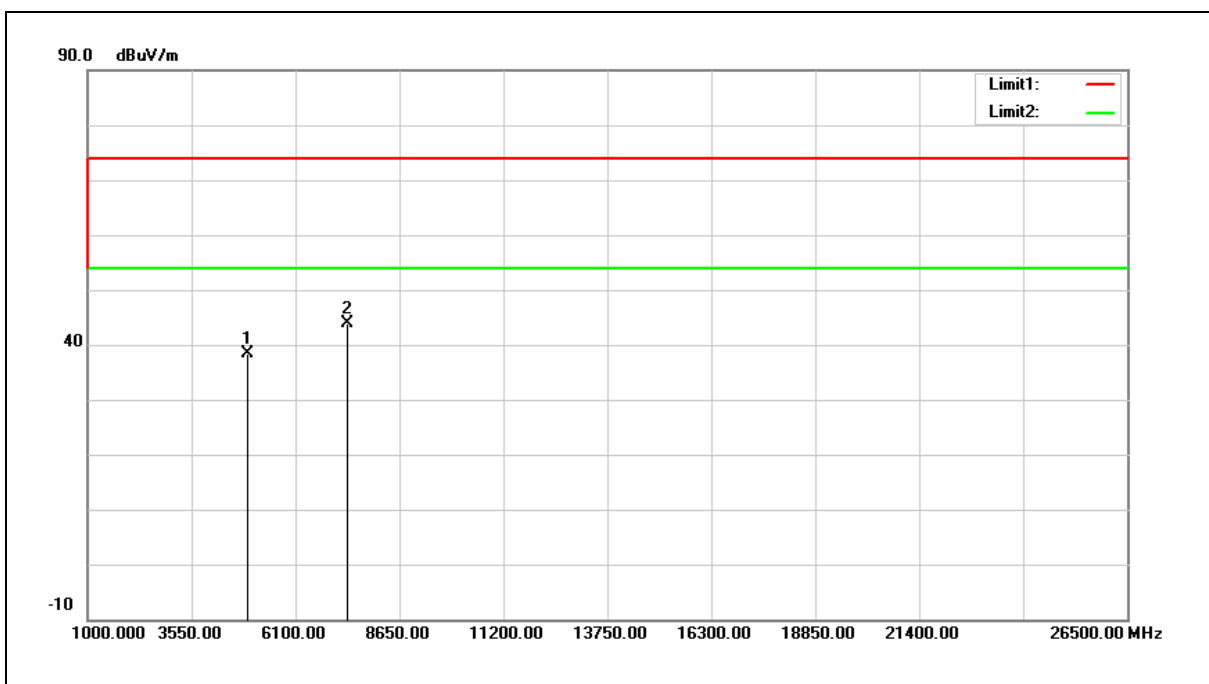
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.00	5.23	39.23	74.00	-34.77	peak
2	7311.000	31.00	12.38	43.38	74.00	-30.62	peak

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		
Frequency:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



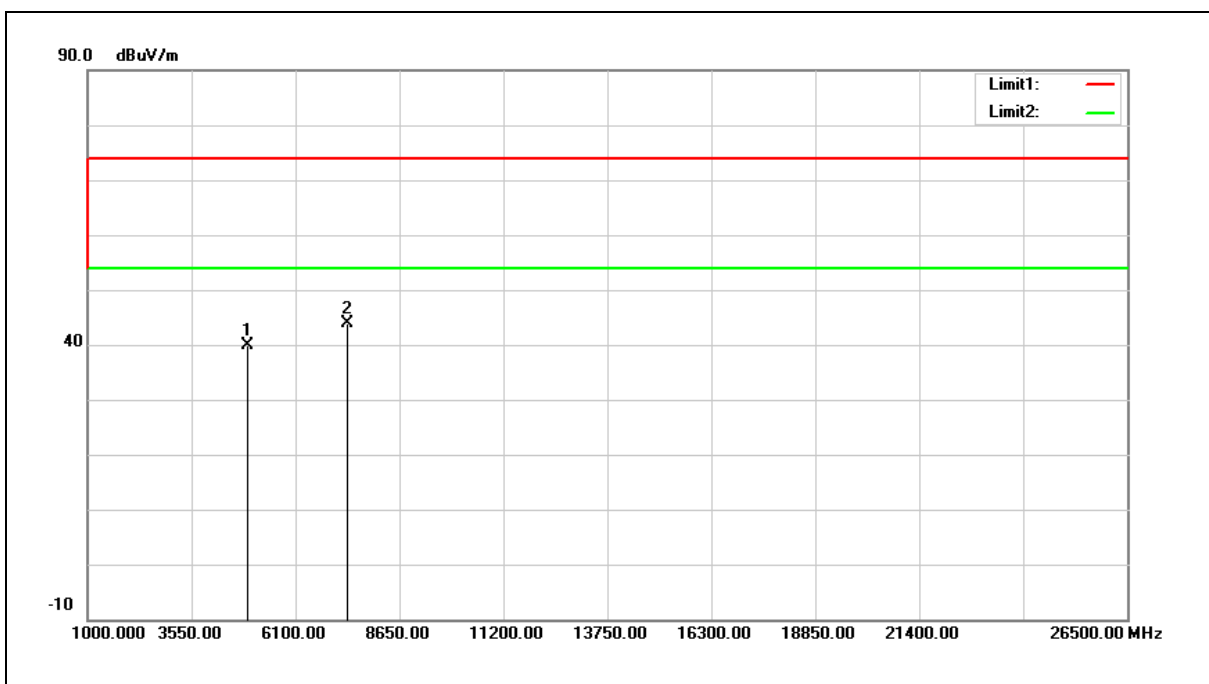
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	32.91	5.39	38.30	74.00	-35.70	peak
2	7386.000	31.26	12.53	43.79	74.00	-30.21	peak

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

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

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

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



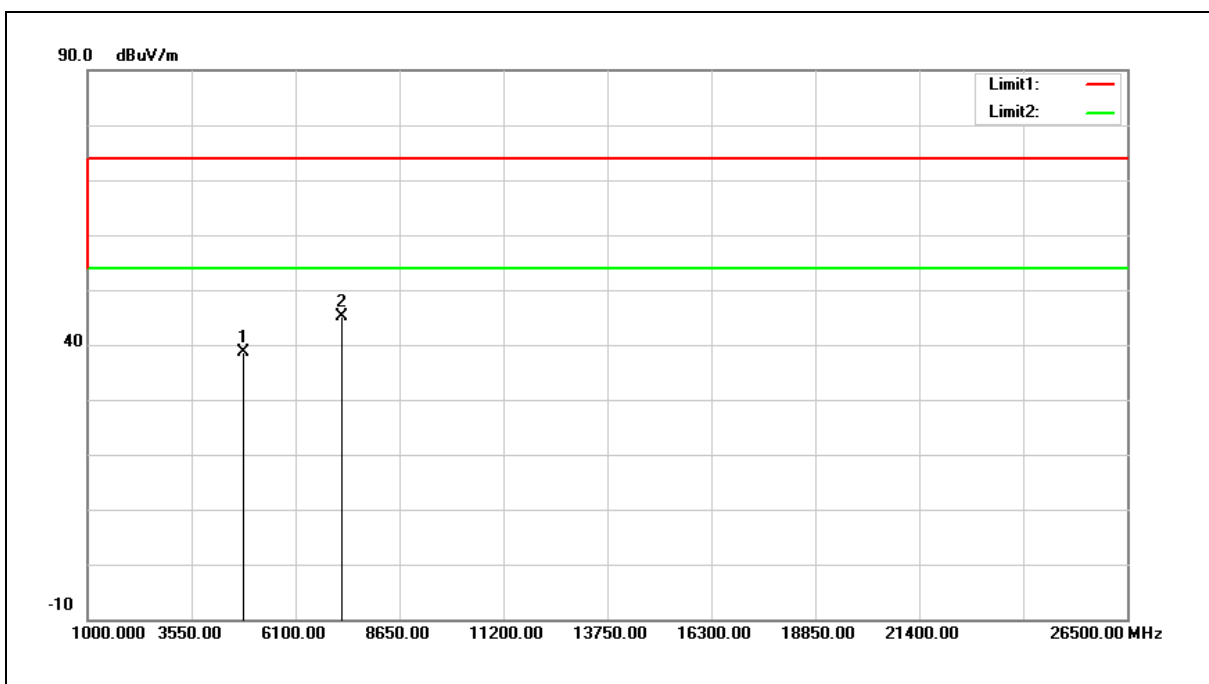
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.49	5.39	39.88	74.00	-34.12	peak
2	7386.000	31.47	12.53	44.00	74.00	-30.00	peak

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

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

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

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



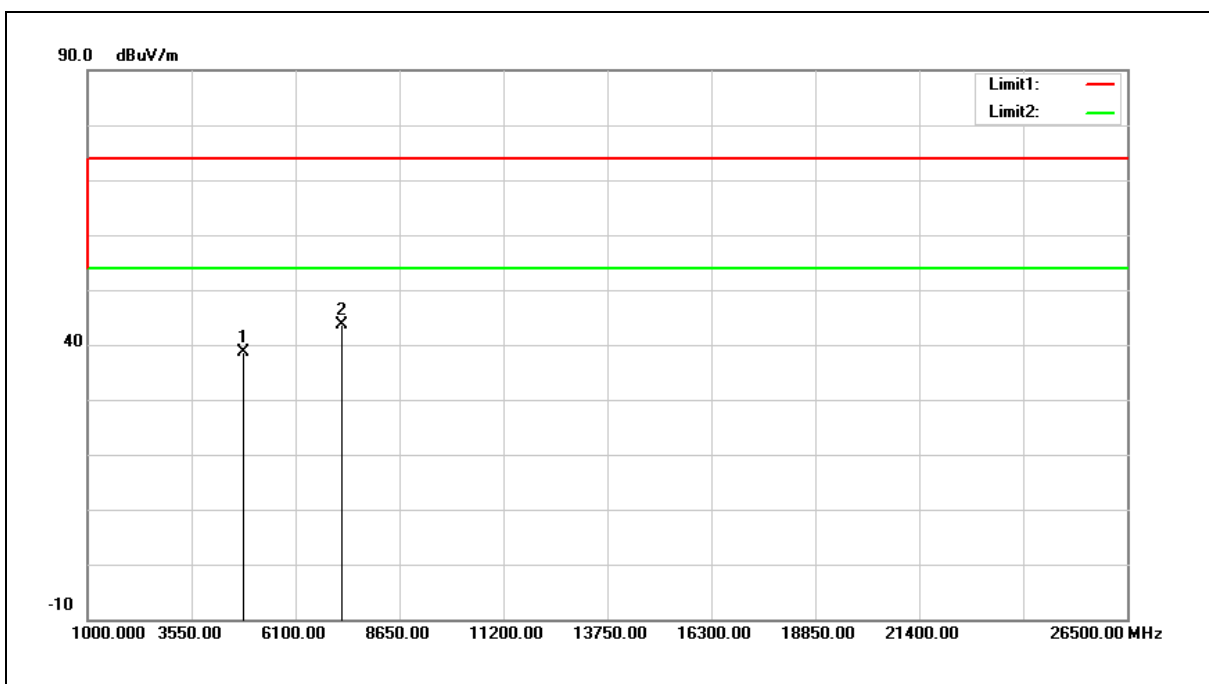
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	33.64	5.07	38.71	74.00	-35.29	peak
2	7236.000	32.77	12.25	45.02	74.00	-28.98	peak

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

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

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

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



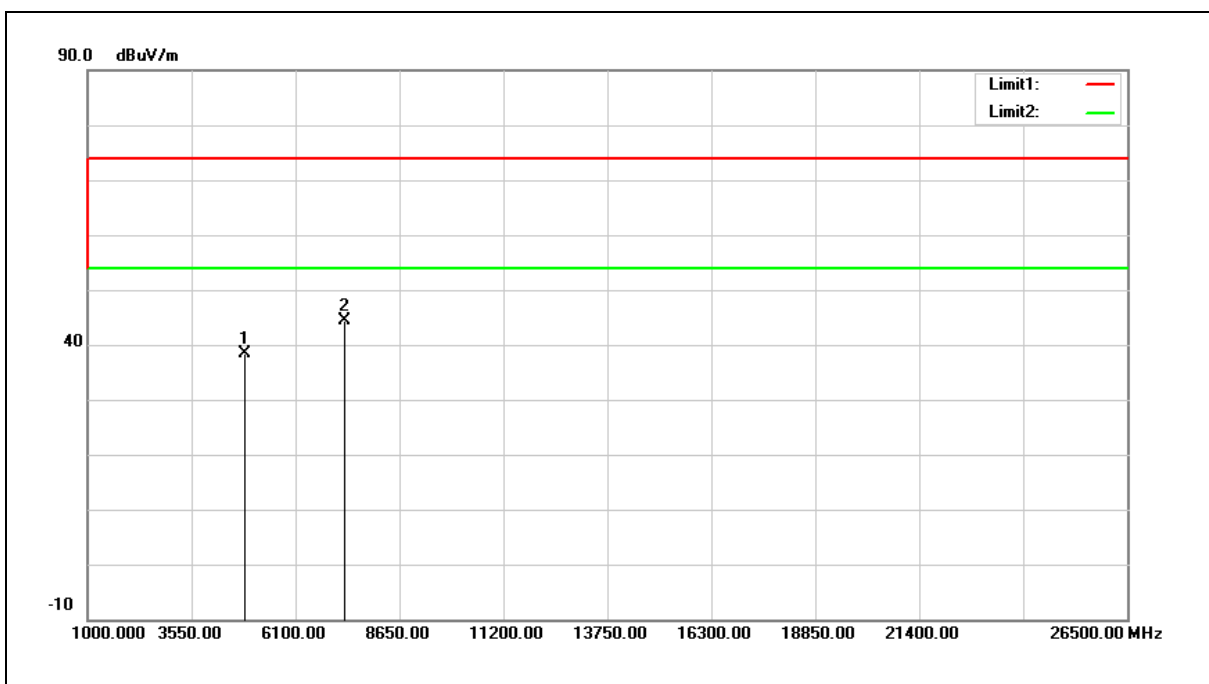
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	33.67	5.07	38.74	74.00	-35.26	peak
2	7236.000	31.36	12.25	43.61	74.00	-30.39	peak

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:	Harmonic		
Frequency:	2437 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



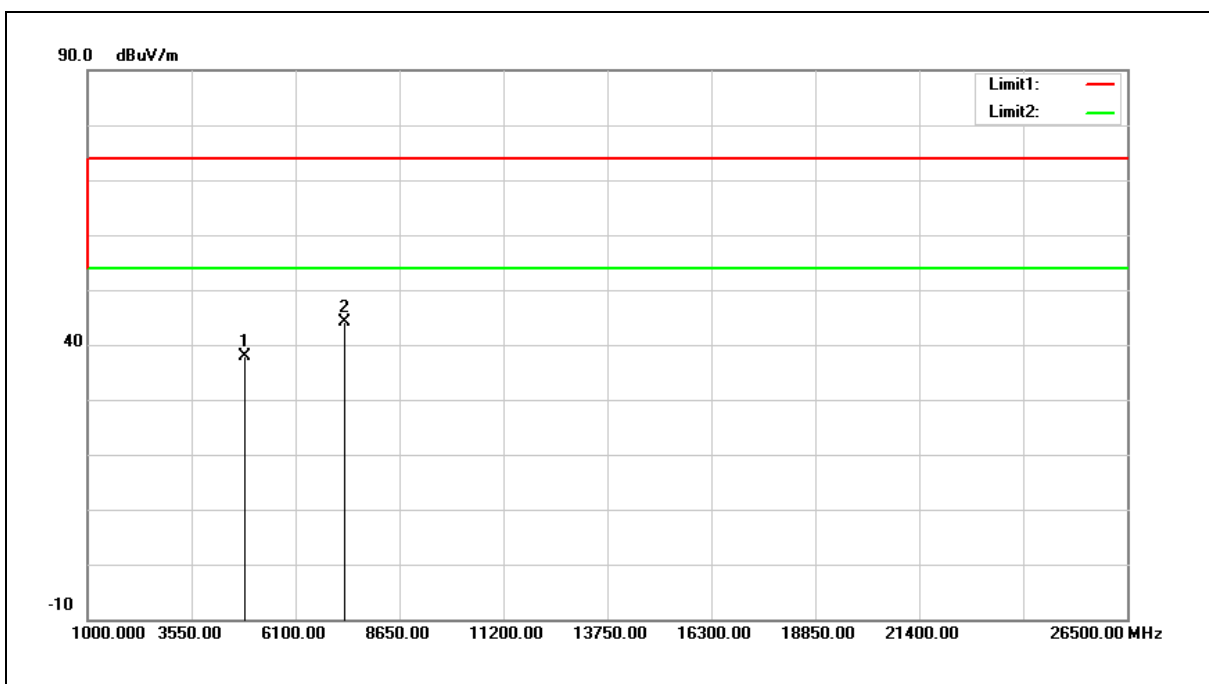
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.19	5.23	38.42	74.00	-35.58	peak
2	7311.000	32.06	12.38	44.44	74.00	-29.56	peak

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

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

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

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



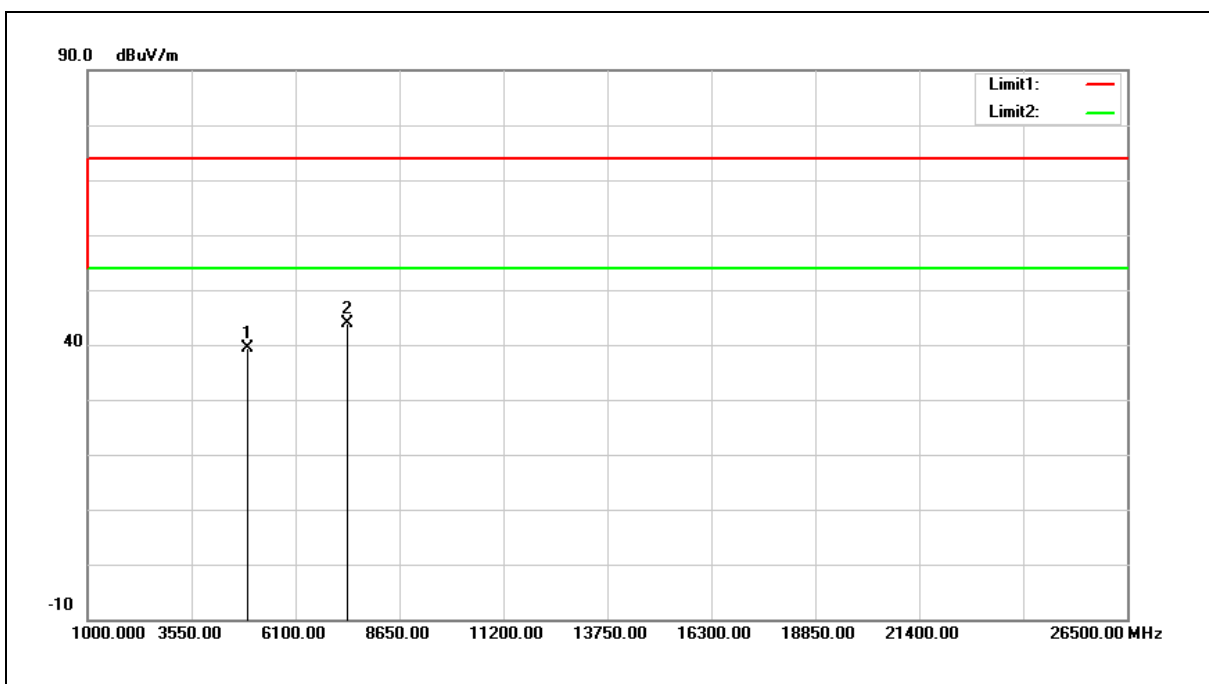
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	32.72	5.23	37.95	74.00	-36.05	peak
2	7311.000	31.79	12.38	44.17	74.00	-29.83	peak

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		
Frequency:	2462 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



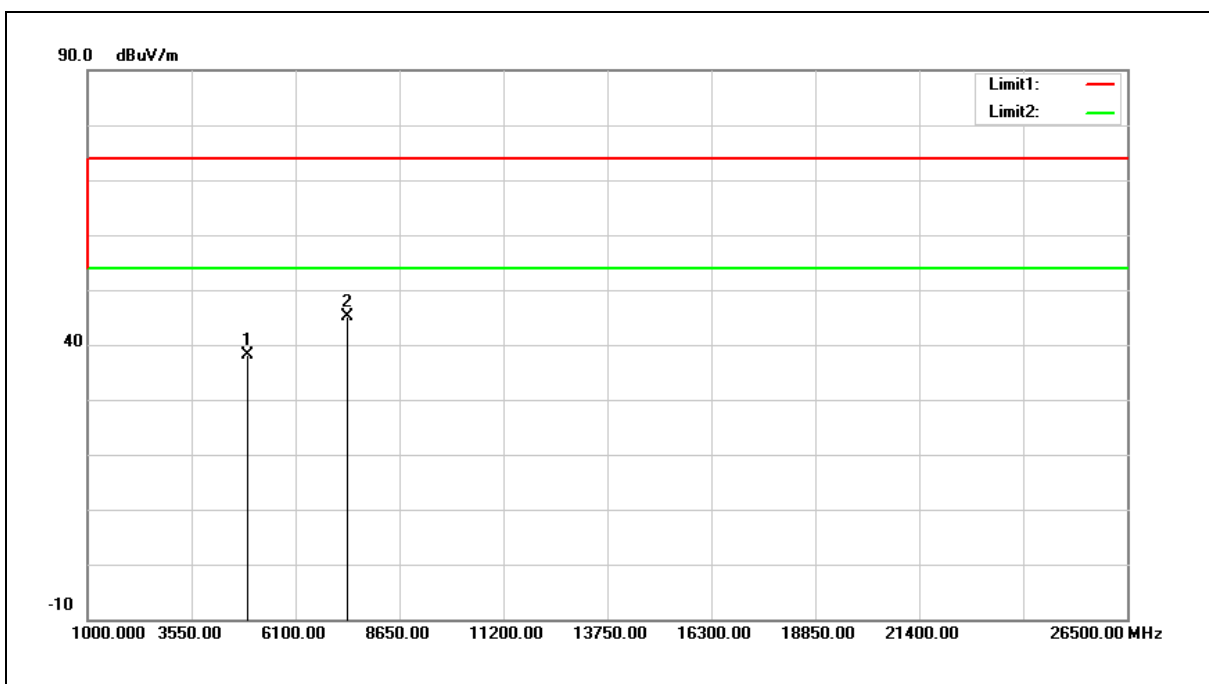
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.96	5.39	39.35	74.00	-34.65	peak
2	7386.000	31.25	12.53	43.78	74.00	-30.22	peak

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

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

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

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



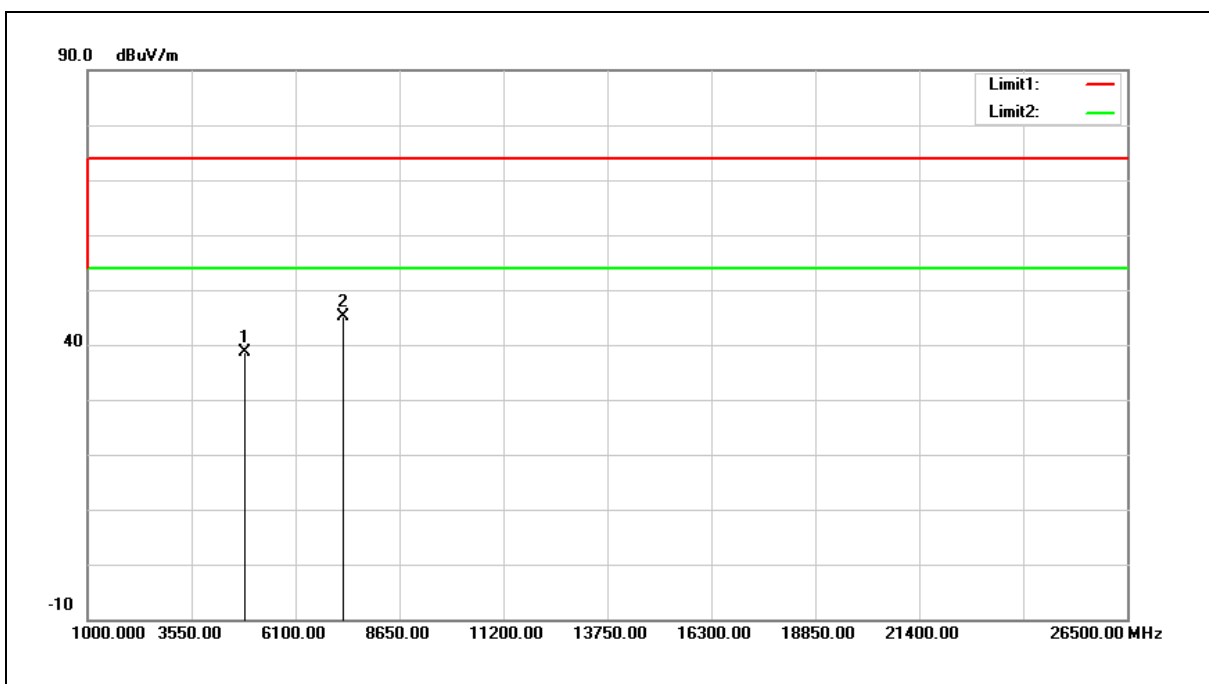
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	32.84	5.39	38.23	74.00	-35.77	peak
2	7386.000	32.60	12.53	45.13	74.00	-28.87	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2422 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



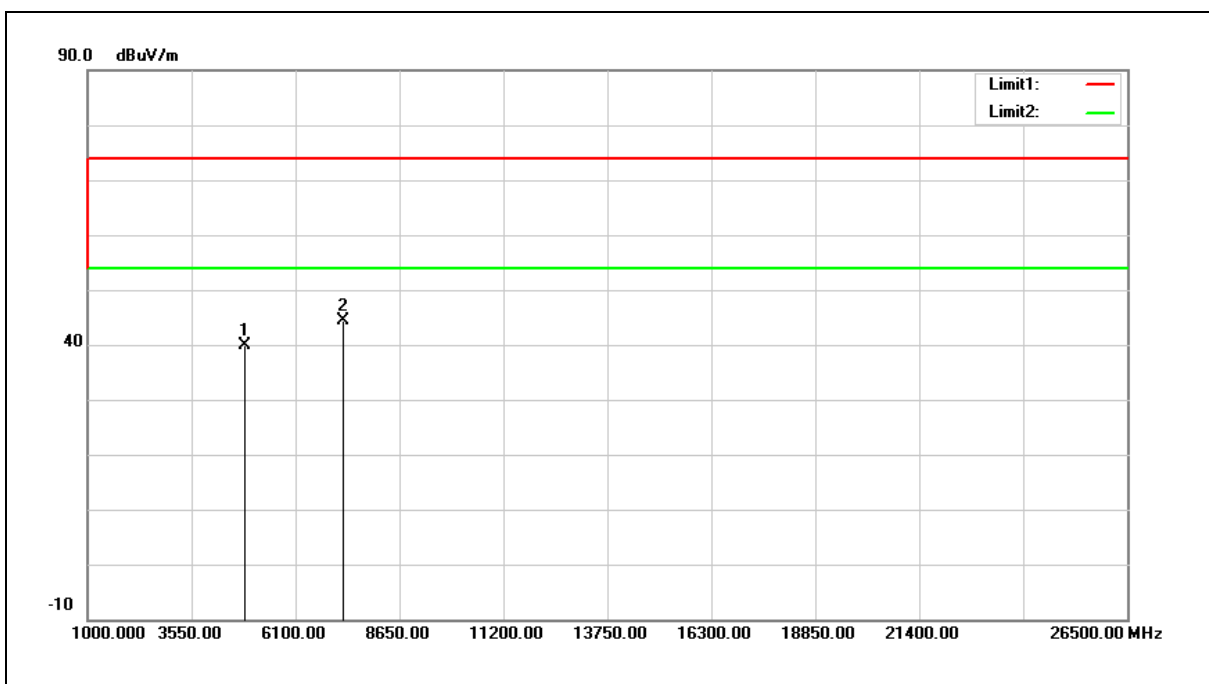
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	33.40	5.13	38.53	74.00	-35.47	peak
2	7266.000	32.71	12.31	45.02	74.00	-28.98	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2422 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



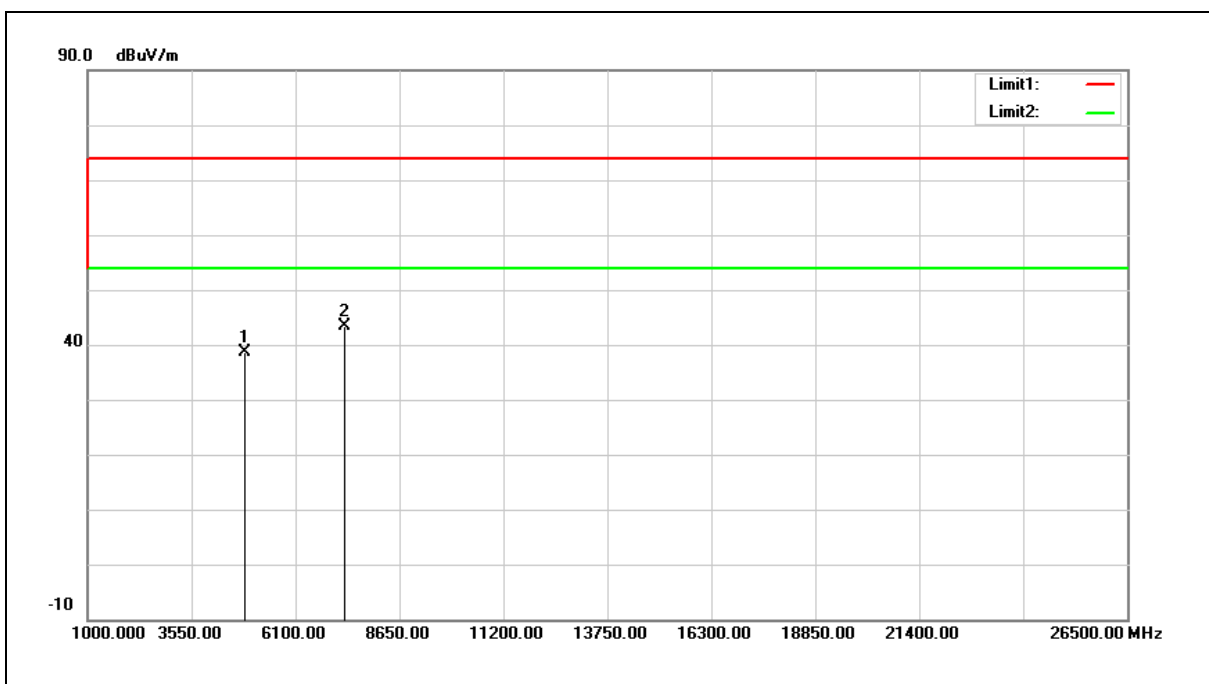
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	34.82	5.13	39.95	74.00	-34.05	peak
2	7266.000	31.98	12.31	44.29	74.00	-29.71	peak

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

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

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

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



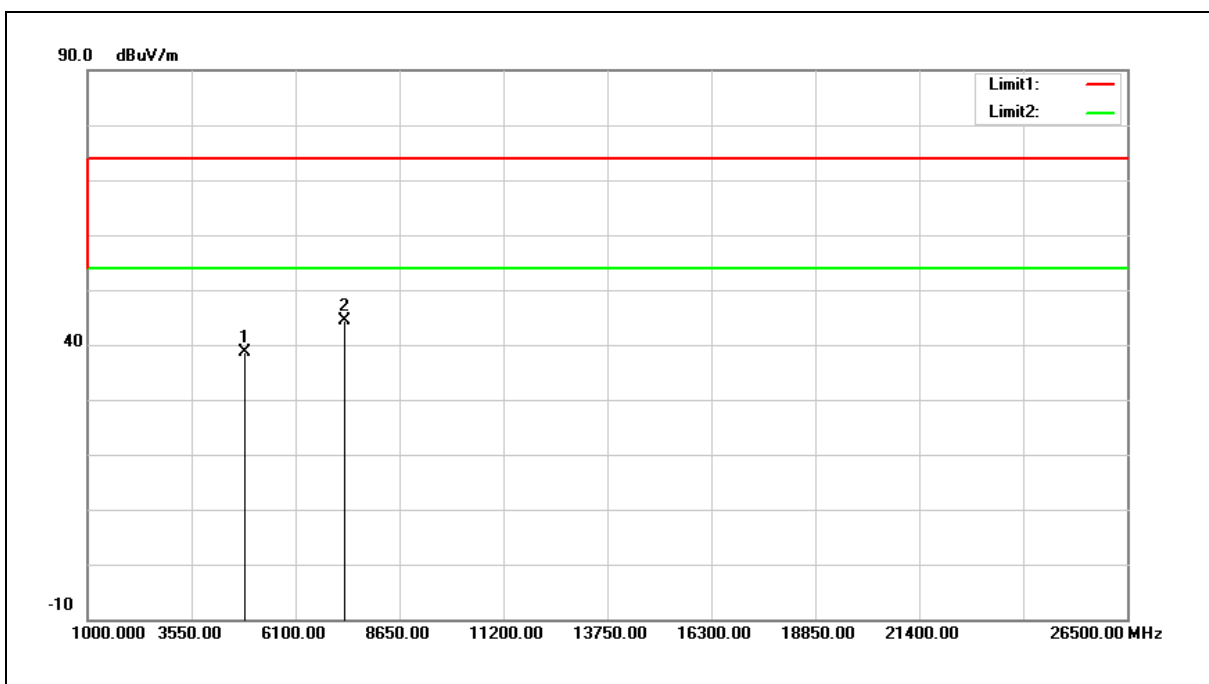
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.50	5.23	38.73	74.00	-35.27	peak
2	7311.000	31.09	12.38	43.47	74.00	-30.53	peak

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

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

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

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



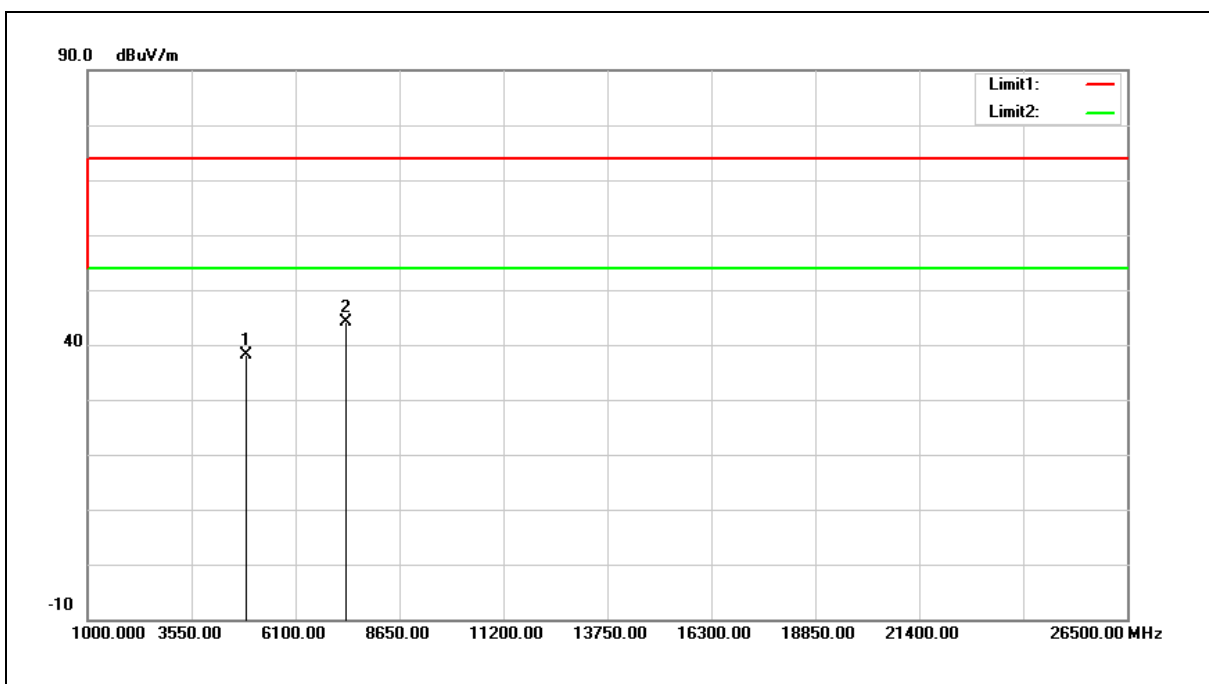
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.41	5.23	38.64	74.00	-35.36	peak
2	7311.000	32.02	12.38	44.40	74.00	-29.60	peak

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		
Frequency:	2452 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



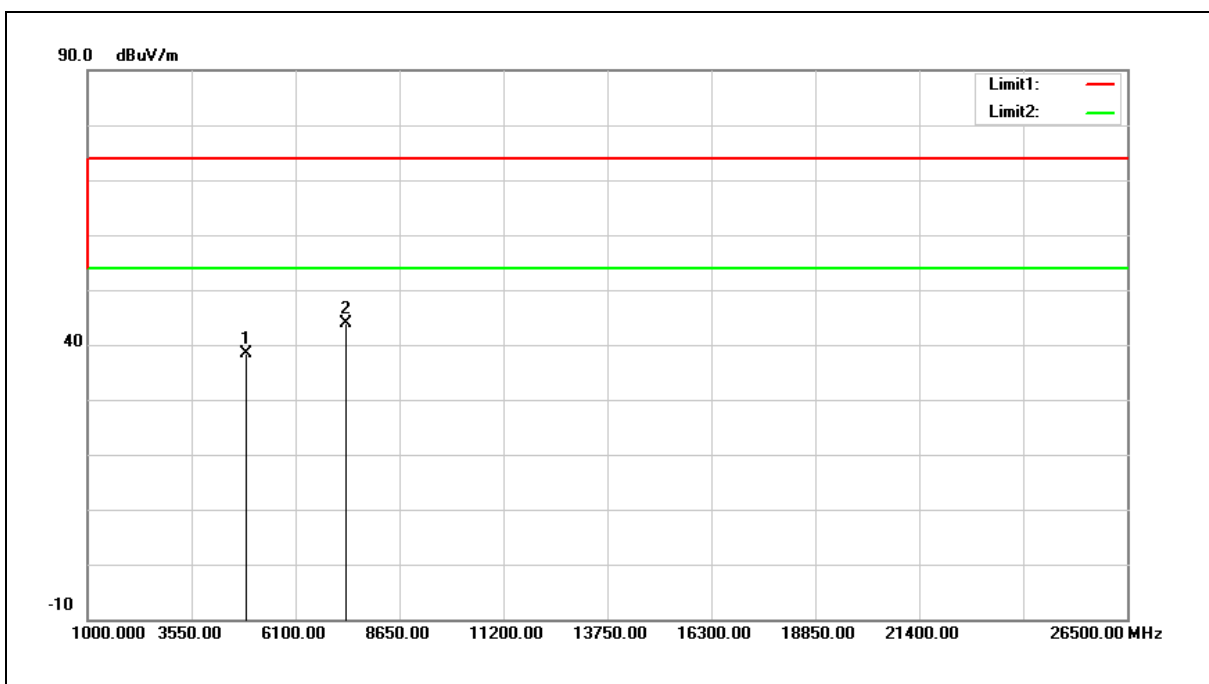
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	32.80	5.33	38.13	74.00	-35.87	peak
2	7356.000	31.66	12.46	44.12	74.00	-29.88	peak

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		
Frequency:	2452 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



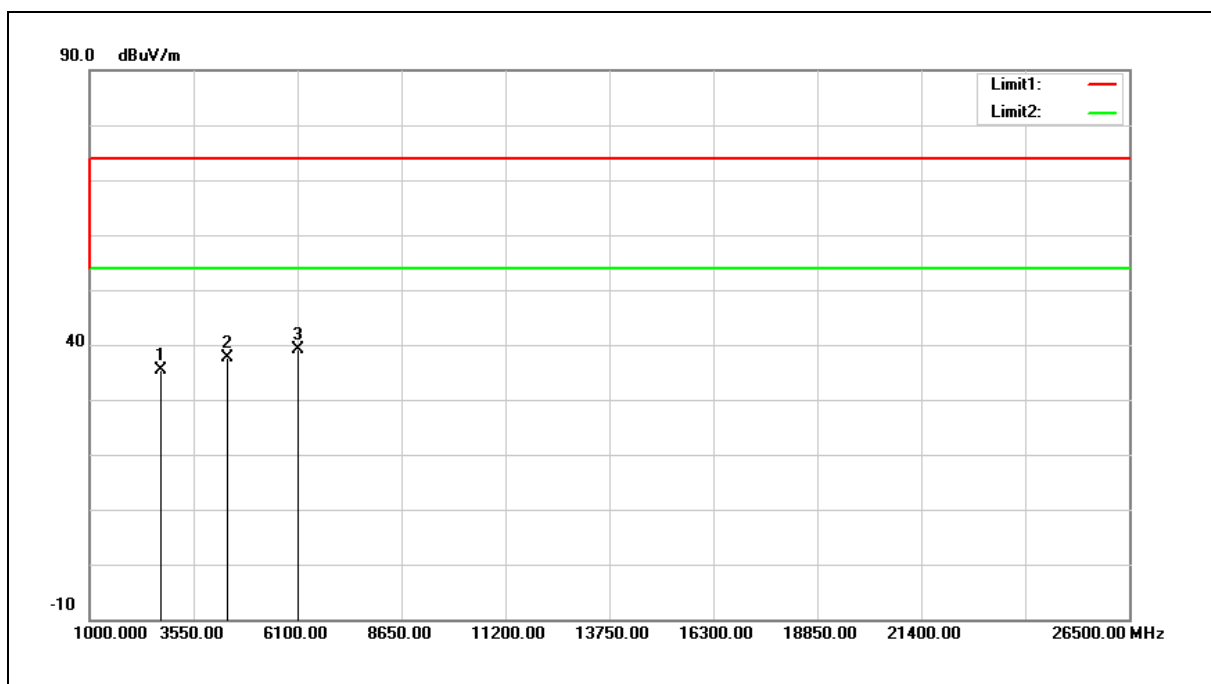
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	33.01	5.33	38.34	74.00	-35.66	peak
2	7356.000	31.36	12.46	43.82	74.00	-30.18	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		
Description:			



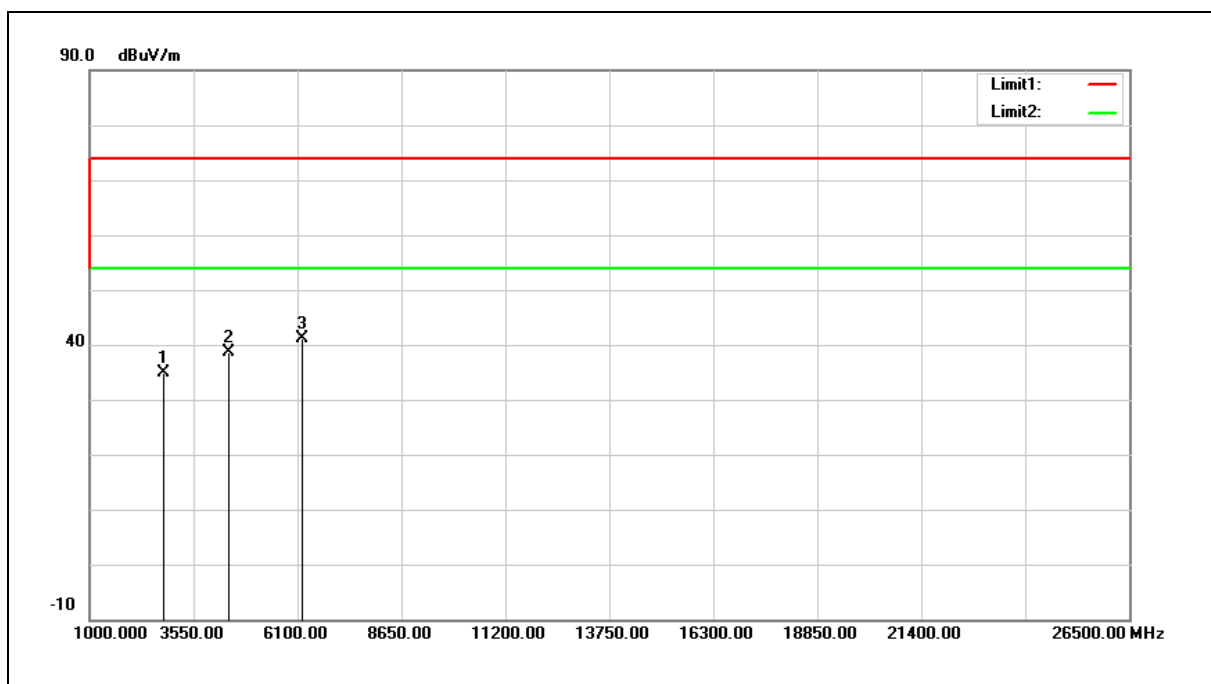
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	36.39	-0.90	35.49	74.00	-38.51	peak
2	4383.000	33.77	3.82	37.59	74.00	-36.41	peak
3	6117.000	31.15	8.05	39.20	74.00	-34.80	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 11		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	35.69	-0.71	34.98	74.00	-39.02	peak
2	4417.000	34.68	3.87	38.55	74.00	-35.45	peak
3	6202.000	32.70	8.42	41.12	74.00	-32.88	peak

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

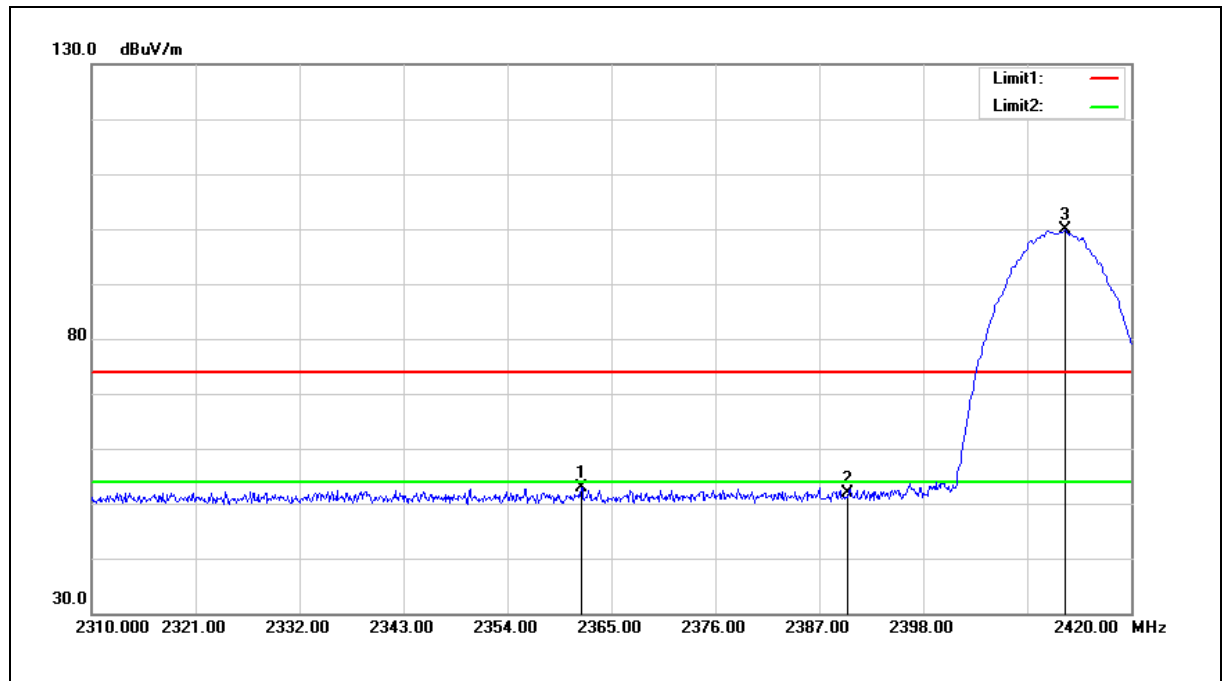
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

頻帶邊緣

Peak

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



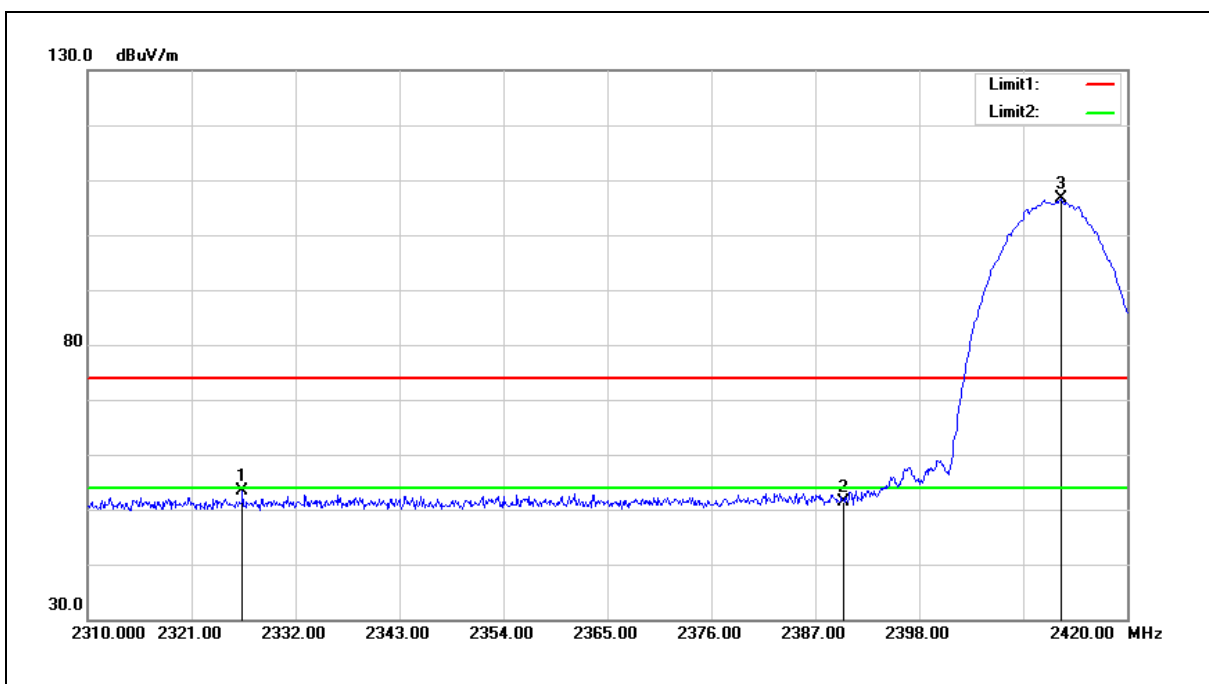
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2361.810	55.32	-2.40	52.92	74.00	-21.08	peak
2	2390.000	54.09	-2.28	51.81	74.00	-22.19	peak
3	2412.960	102.05	-2.18	99.87	74.00	25.87	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



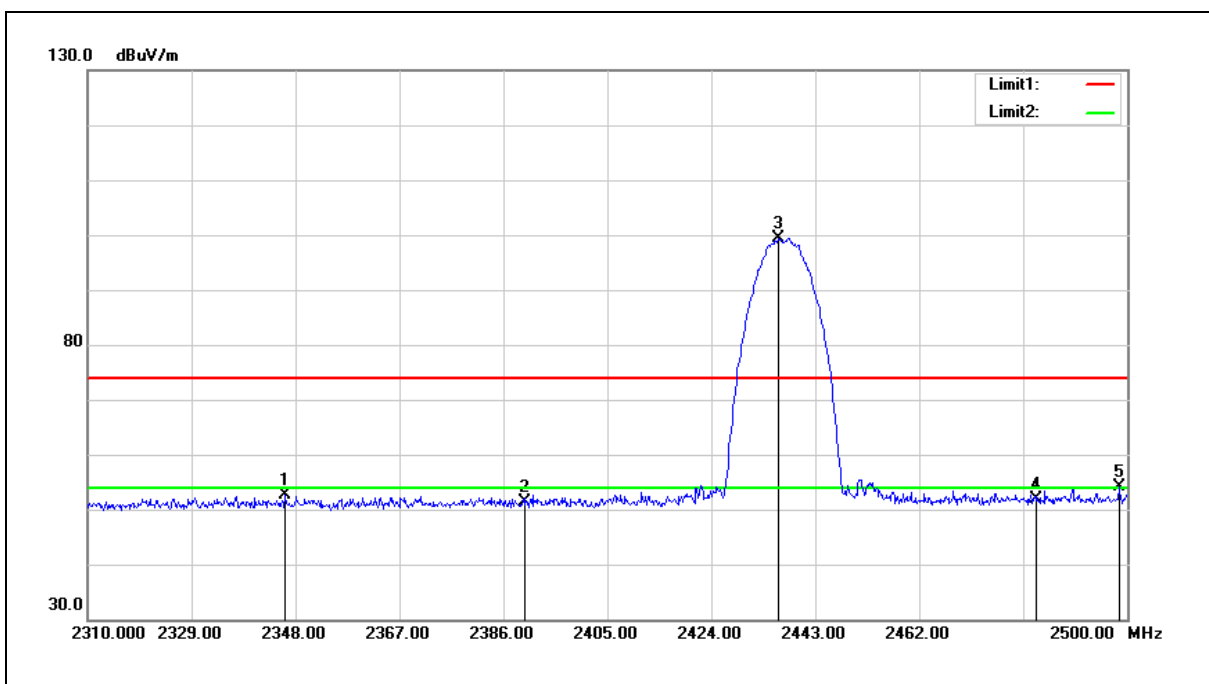
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.390	55.83	-2.55	53.28	74.00	-20.72	peak
2	2390.000	53.77	-2.28	51.49	74.00	-22.51	peak
3	2412.960	108.69	-2.18	106.51	74.00	32.51	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2437 MHz		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



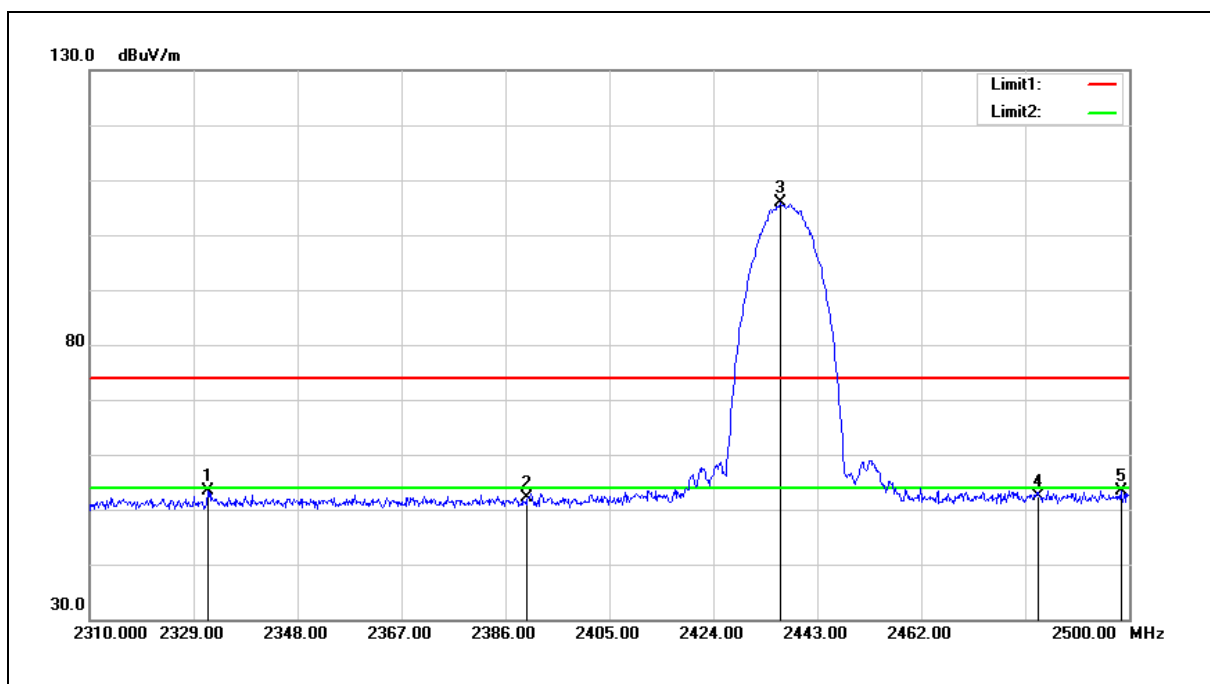
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2346.100	55.14	-2.46	52.68	74.00	-21.32	peak
2	2390.000	53.78	-2.28	51.50	74.00	-22.50	peak
3	2436.350	101.50	-2.08	99.42	74.00	25.42	peak
4	2483.500	53.85	-1.89	51.96	74.00	-22.04	peak
5	2498.480	55.96	-1.82	54.14	74.00	-19.86	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:	Band edge		
Frequency:	2437 MHz		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



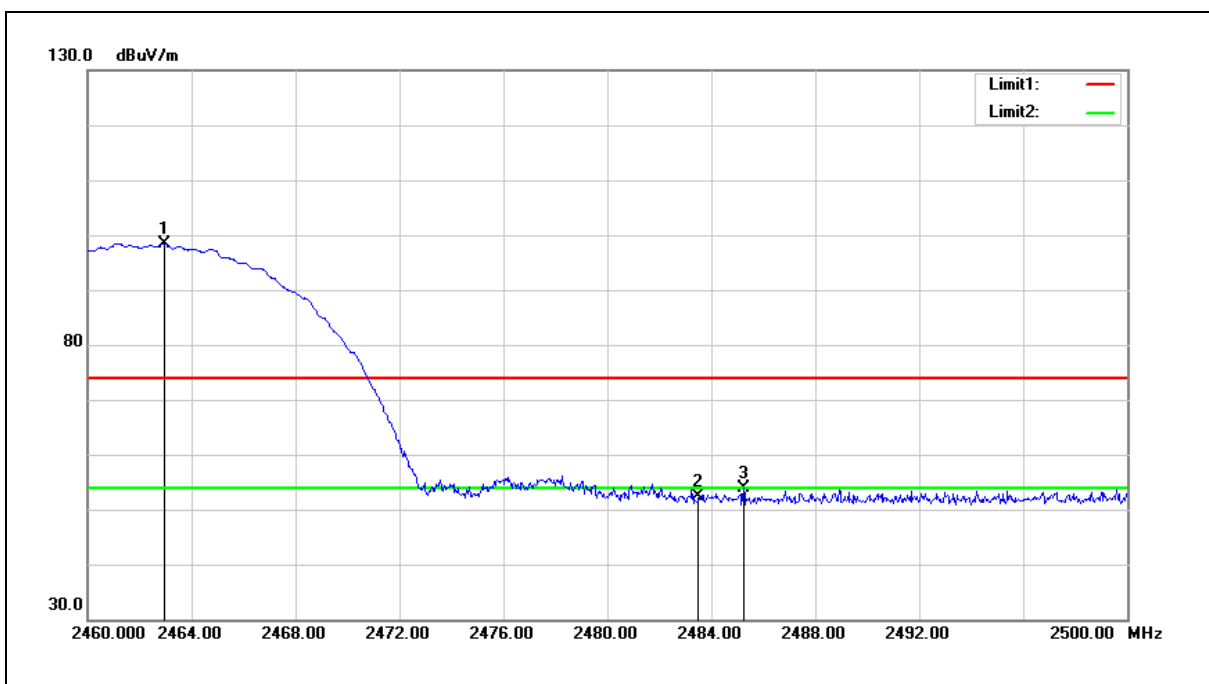
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2331.660	55.79	-2.53	53.26	74.00	-20.74	peak
2	2390.000	54.48	-2.28	52.20	74.00	-21.80	peak
3	2436.350	107.85	-2.08	105.77	74.00	31.77	peak
4	2483.500	54.36	-1.89	52.47	74.00	-21.53	peak
5	2498.480	55.17	-1.82	53.35	74.00	-20.65	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



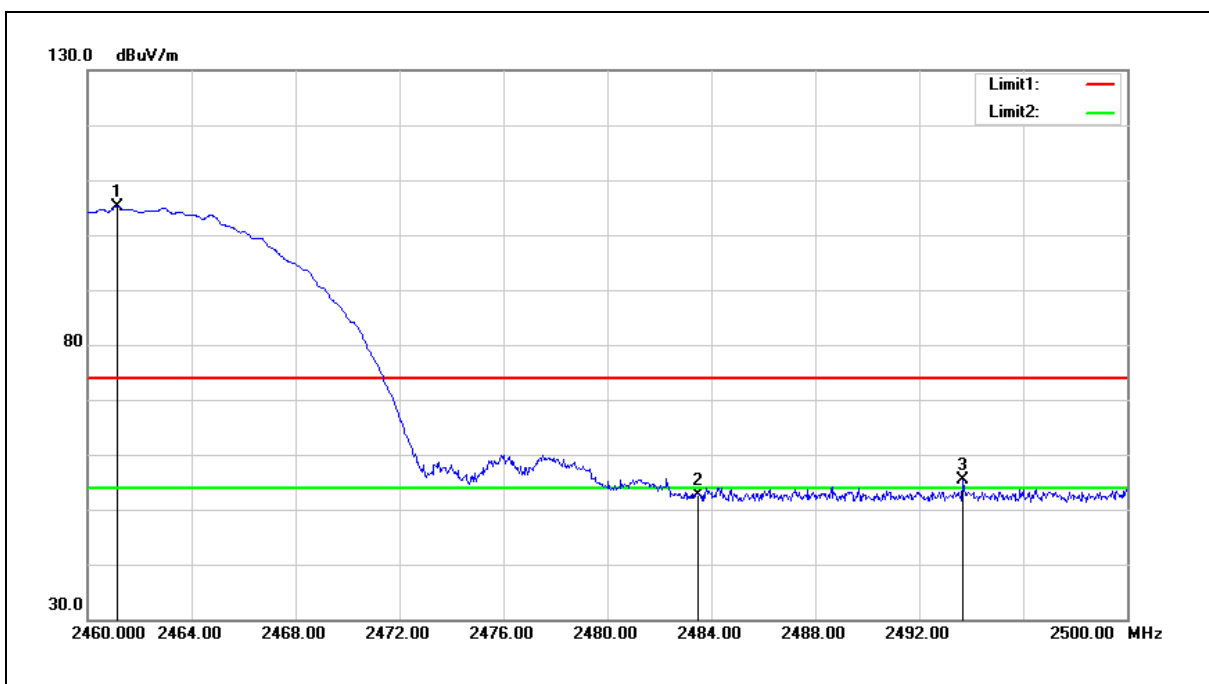
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.960	100.46	-1.97	98.49	74.00	24.49	peak
2	2483.500	54.22	-1.89	52.33	74.00	-21.67	peak
3	2485.240	55.66	-1.88	53.78	74.00	-20.22	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



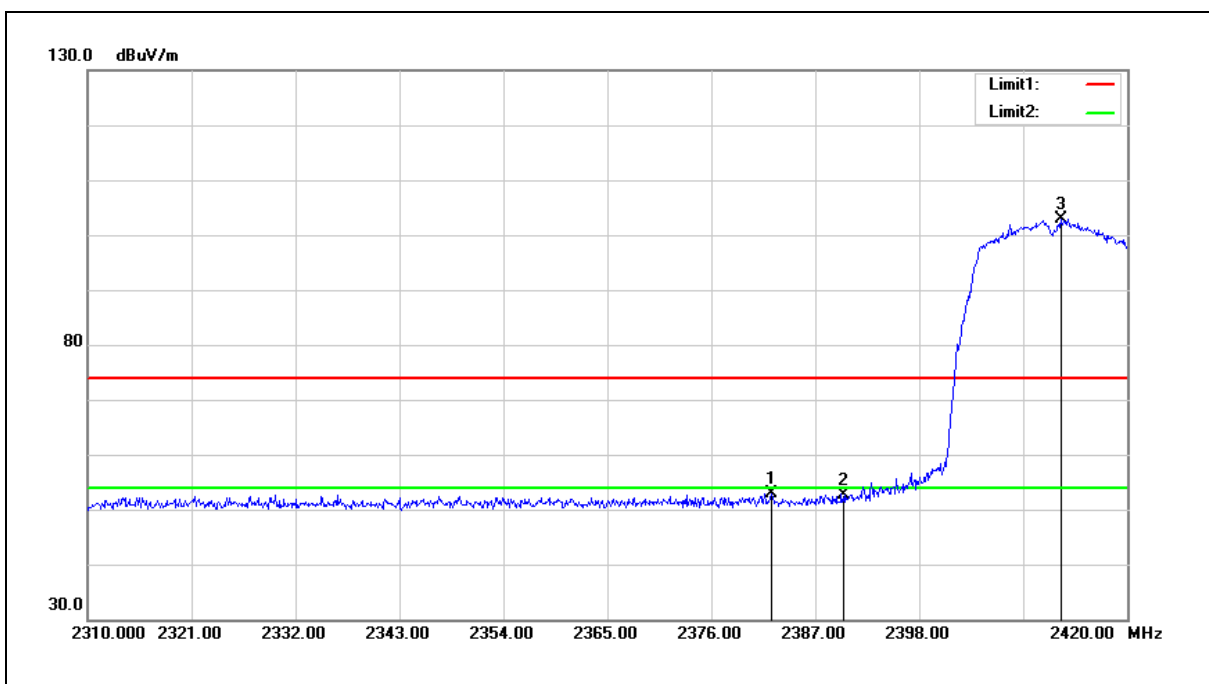
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2461.120	107.13	-1.99	105.14	74.00	31.14	peak
2	2483.500	54.47	-1.89	52.58	74.00	-21.42	peak
3	2493.680	57.11	-1.85	55.26	74.00	-18.74	peak

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

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

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

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



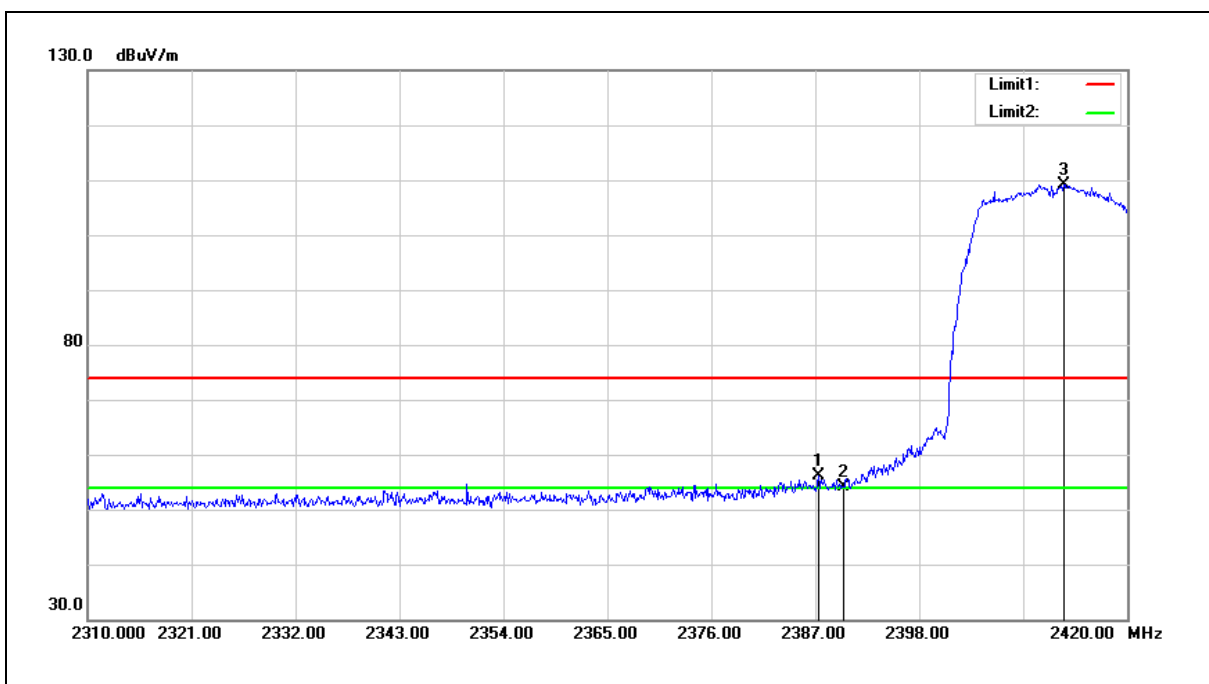
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.380	55.13	-2.31	52.82	74.00	-21.18	peak
2	2390.000	54.89	-2.28	52.61	74.00	-21.39	peak
3	2412.960	105.15	-2.18	102.97	74.00	28.97	peak

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

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

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

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



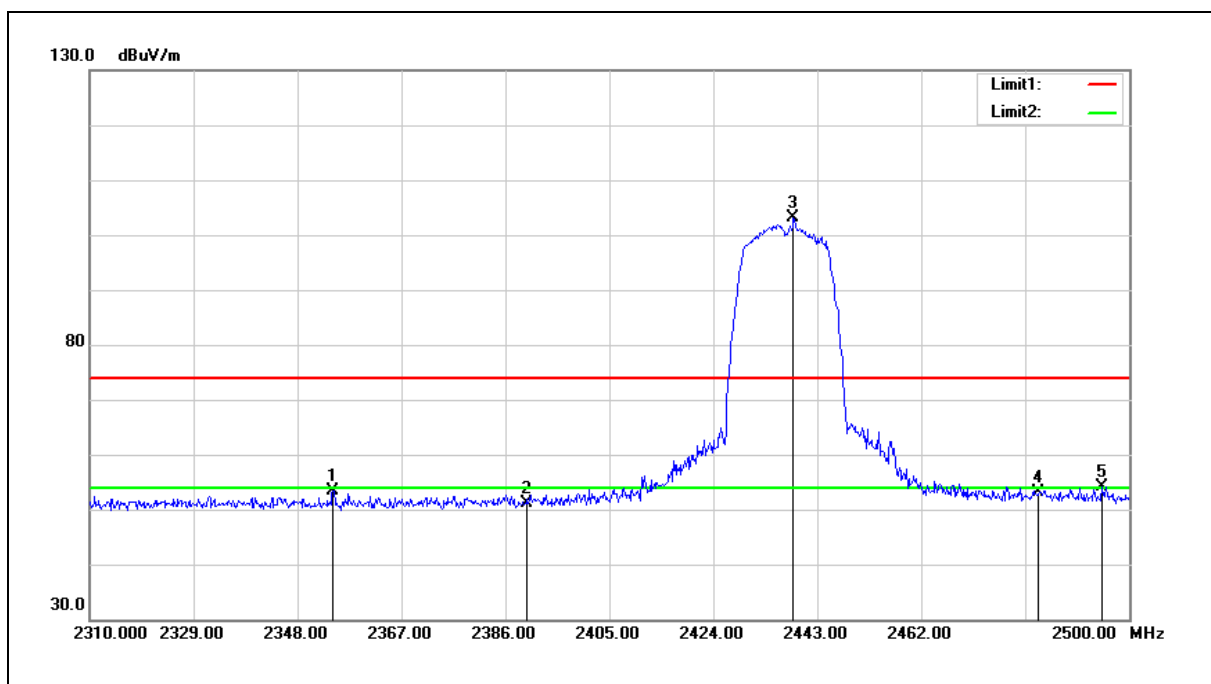
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.330	58.51	-2.29	56.22	74.00	-17.78	peak
2	2390.000	56.32	-2.28	54.04	74.00	-19.96	peak
3	2413.290	111.22	-2.18	109.04	74.00	35.04	peak

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:	Band edge		
Frequency:	2437 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



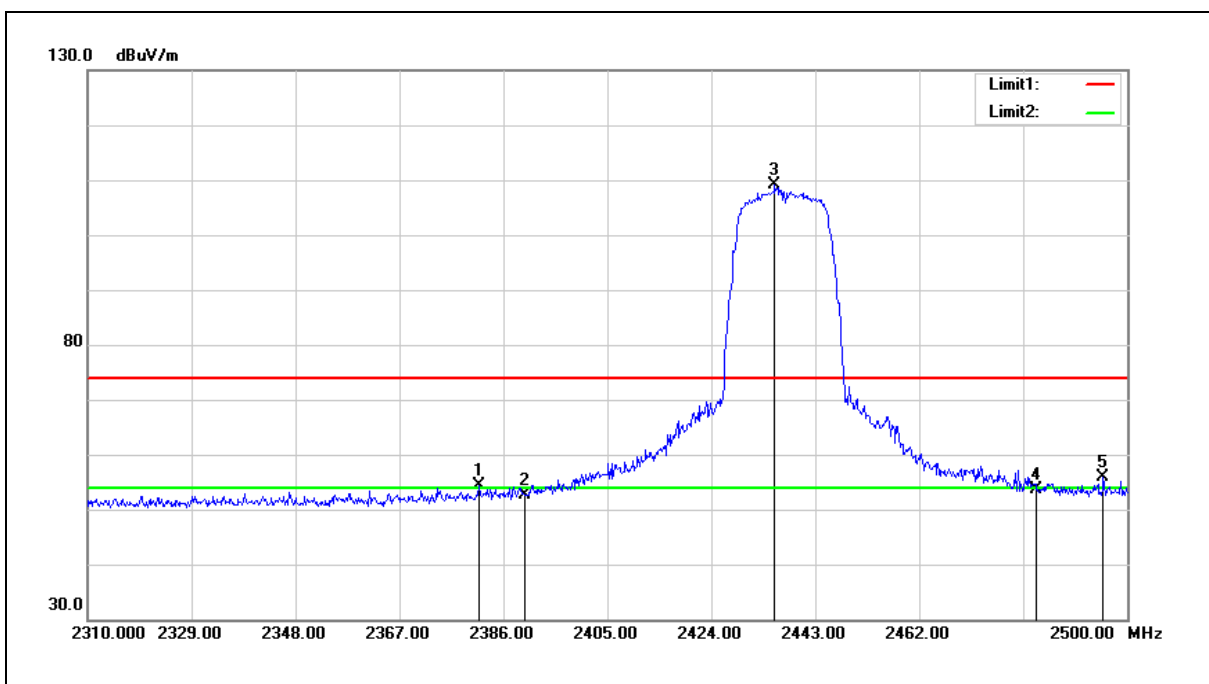
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2354.460	55.80	-2.43	53.37	74.00	-20.63	peak
2	2390.000	53.32	-2.28	51.04	74.00	-22.96	peak
3	2438.630	105.13	-2.08	103.05	74.00	29.05	peak
4	2483.500	54.91	-1.89	53.02	74.00	-20.98	peak
5	2495.060	55.99	-1.84	54.15	74.00	-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:	Band edge		
Frequency:	2437 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



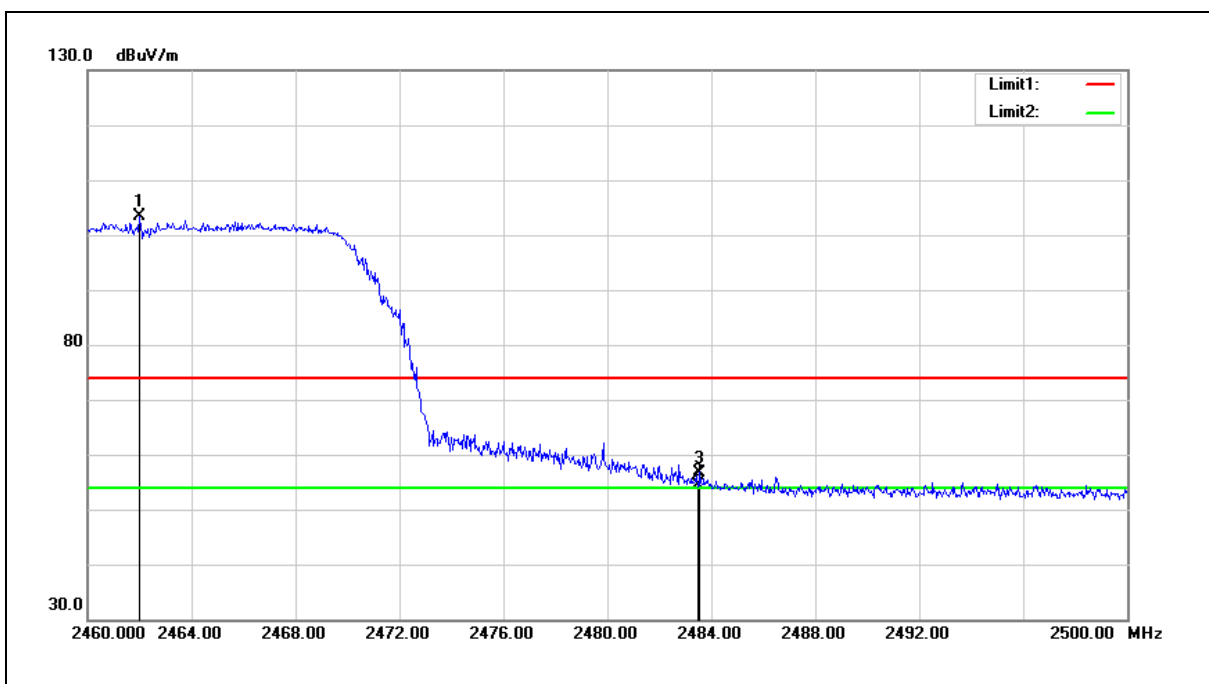
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2381.440	56.63	-2.31	54.32	74.00	-19.68	peak
2	2390.000	54.93	-2.28	52.65	74.00	-21.35	peak
3	2435.590	111.22	-2.08	109.14	74.00	35.14	peak
4	2483.500	55.46	-1.89	53.57	74.00	-20.43	peak
5	2495.630	57.80	-1.84	55.96	74.00	-18.04	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:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



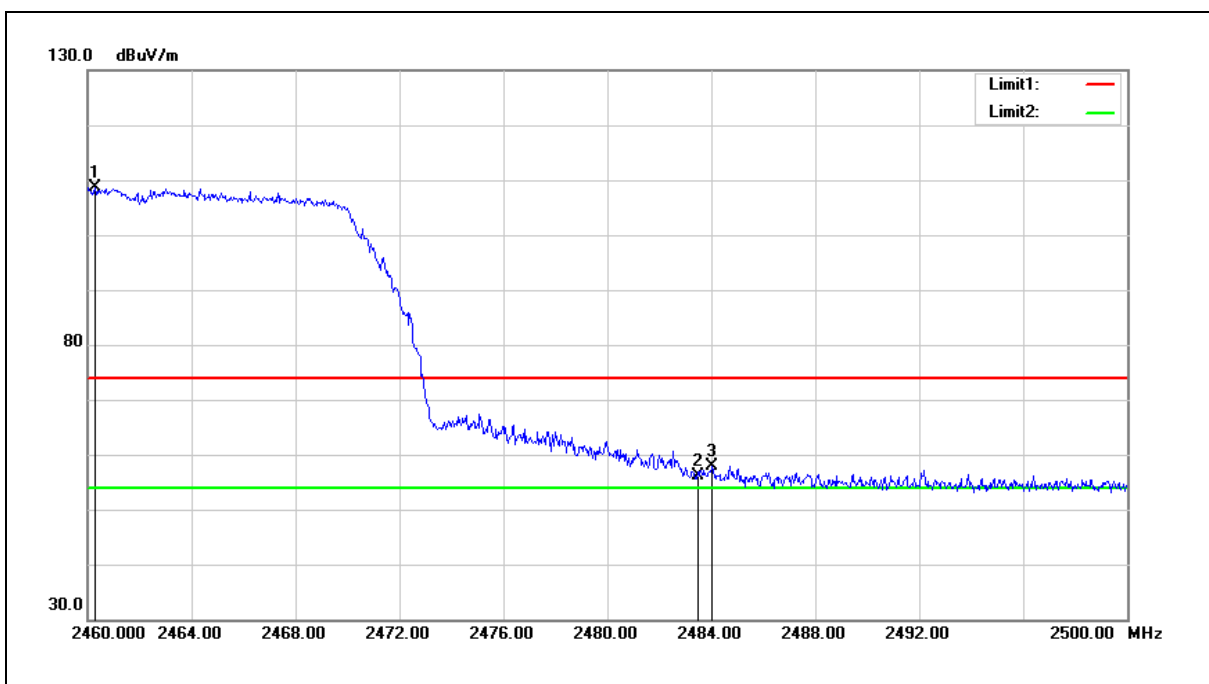
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	105.28	-1.99	103.29	74.00	29.29	peak
2	2483.500	56.19	-1.89	54.30	74.00	-19.70	peak
3	2483.560	58.64	-1.89	56.75	74.00	-17.25	peak

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

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

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

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



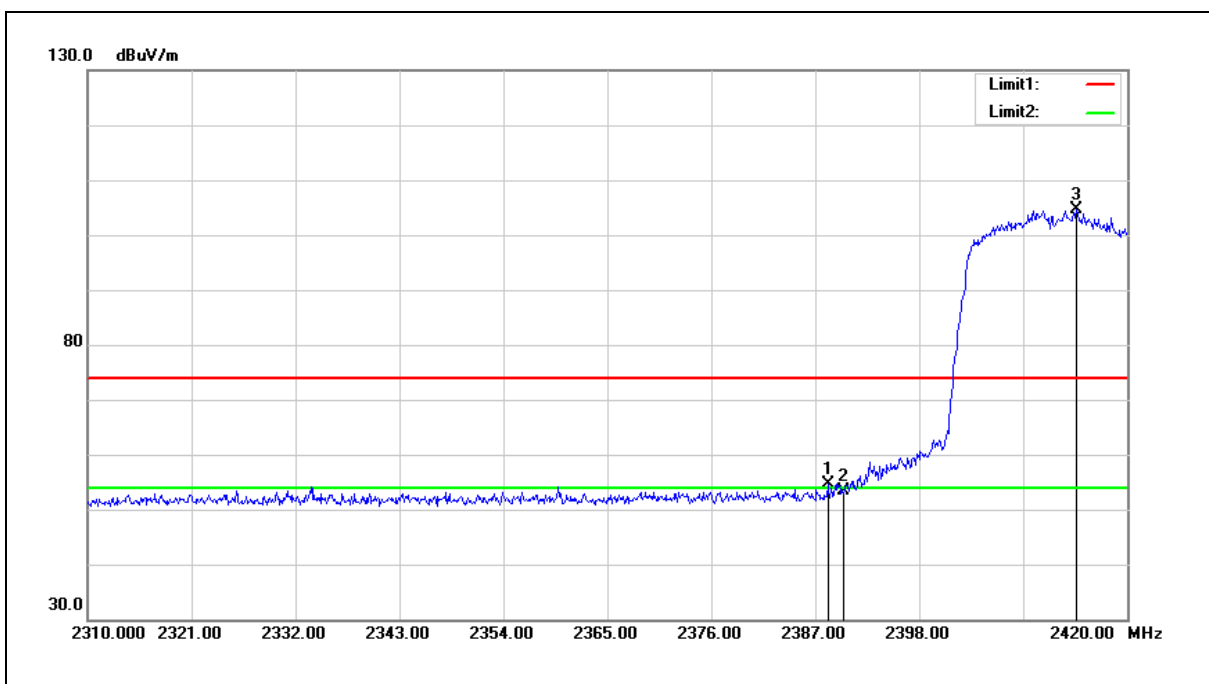
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.280	110.65	-1.99	108.66	74.00	34.66	peak
2	2483.500	58.02	-1.89	56.13	74.00	-17.87	peak
3	2484.040	59.80	-1.88	57.92	74.00	-16.08	peak

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

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

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

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



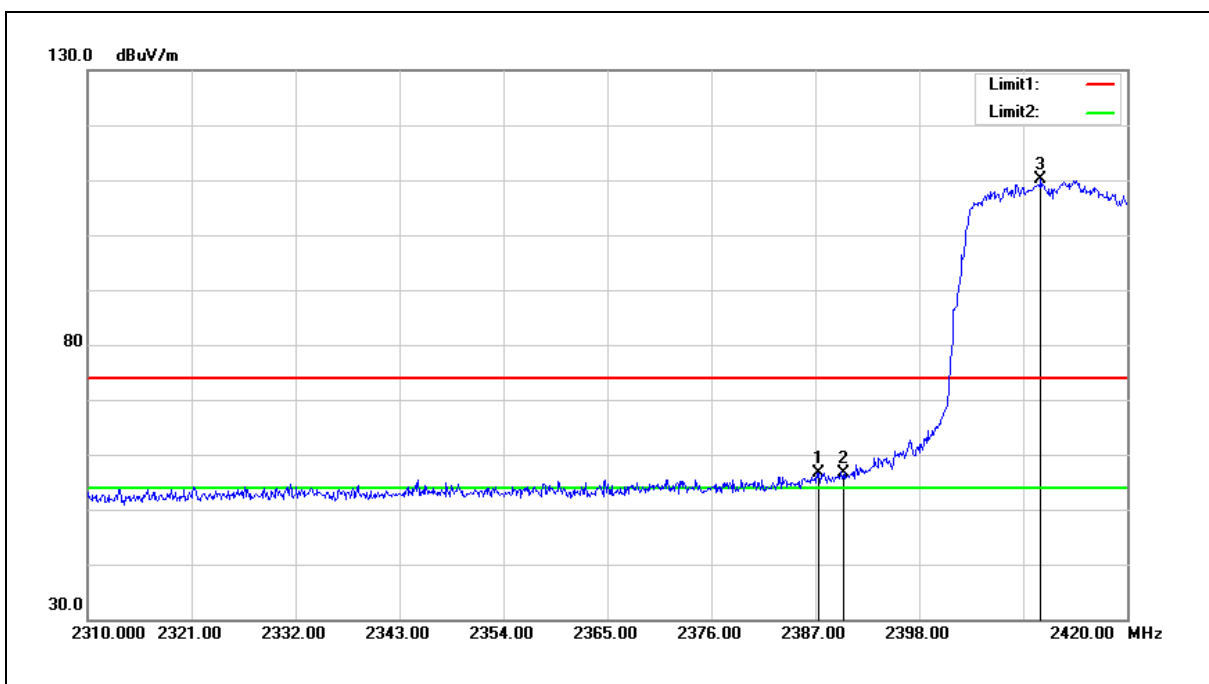
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.320	56.96	-2.28	54.68	74.00	-19.32	peak
2	2390.000	55.65	-2.28	53.37	74.00	-20.63	peak
3	2414.610	106.69	-2.17	104.52	74.00	30.52	peak

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

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

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

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



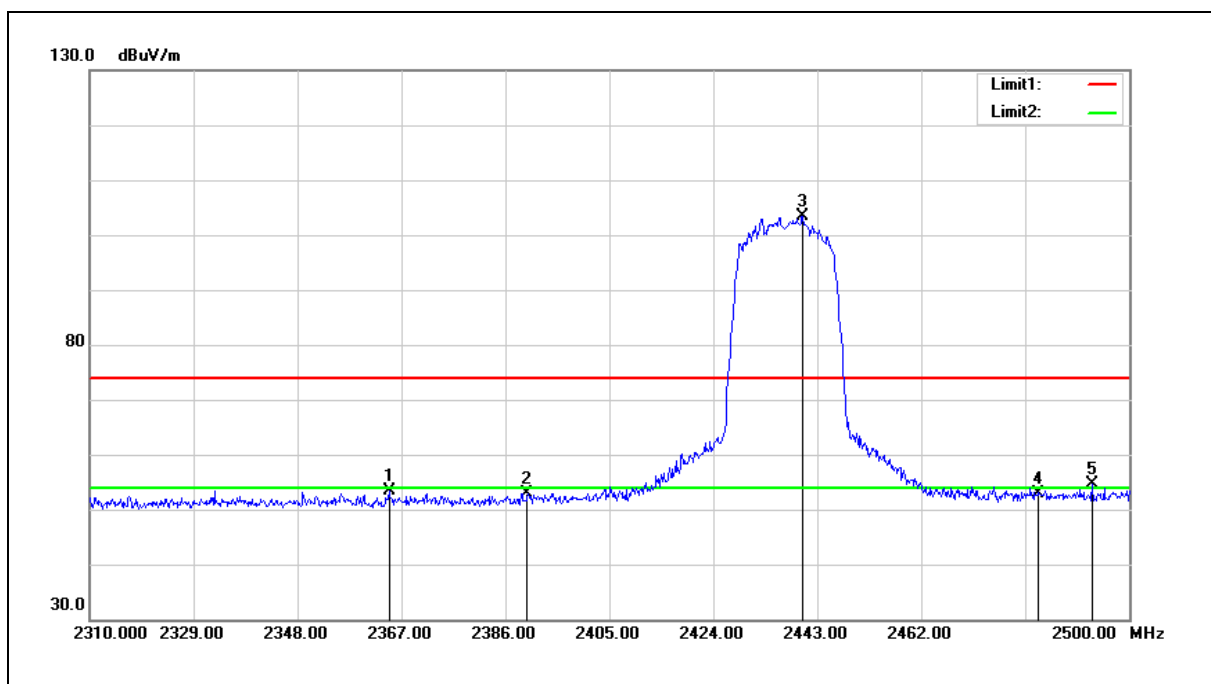
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.330	58.94	-2.29	56.65	74.00	-17.35	peak
2	2390.000	58.80	-2.28	56.52	74.00	-17.48	peak
3	2410.870	112.31	-2.19	110.12	74.00	36.12	peak

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:	Band edge		
Frequency:	2437 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



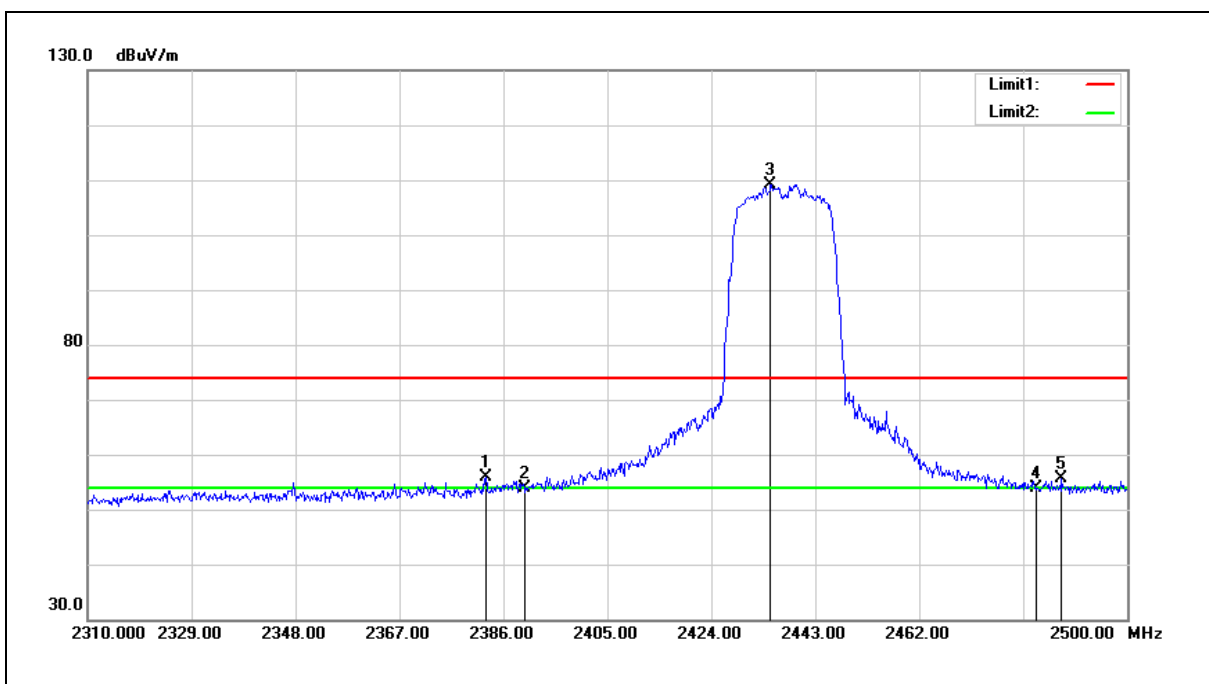
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2364.720	55.87	-2.39	53.48	74.00	-20.52	peak
2	2390.000	55.11	-2.28	52.83	74.00	-21.17	peak
3	2440.340	105.50	-2.08	103.42	74.00	29.42	peak
4	2483.500	54.67	-1.89	52.78	74.00	-21.22	peak
5	2493.160	56.38	-1.85	54.53	74.00	-19.47	peak

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

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

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

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



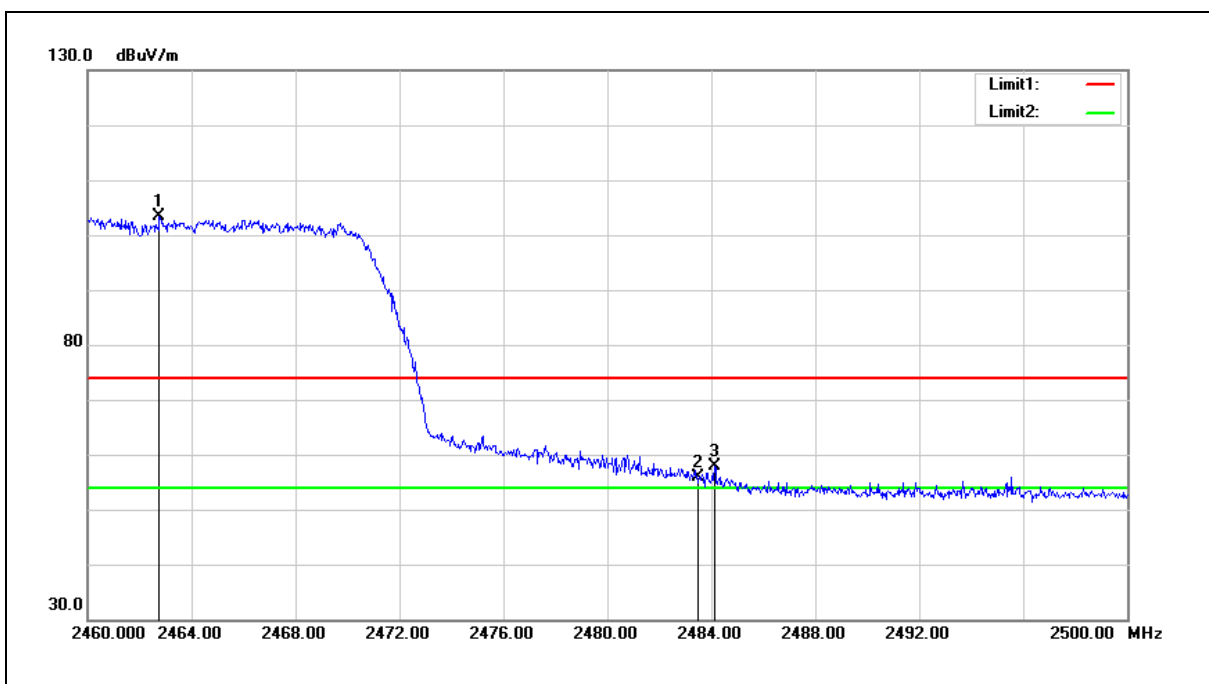
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.770	58.26	-2.31	55.95	74.00	-18.05	peak
2	2390.000	56.09	-2.28	53.81	74.00	-20.19	peak
3	2434.830	111.23	-2.09	109.14	74.00	35.14	peak
4	2483.500	55.74	-1.89	53.85	74.00	-20.15	peak
5	2488.030	57.51	-1.87	55.64	74.00	-18.36	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		
Frequency:	2462 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



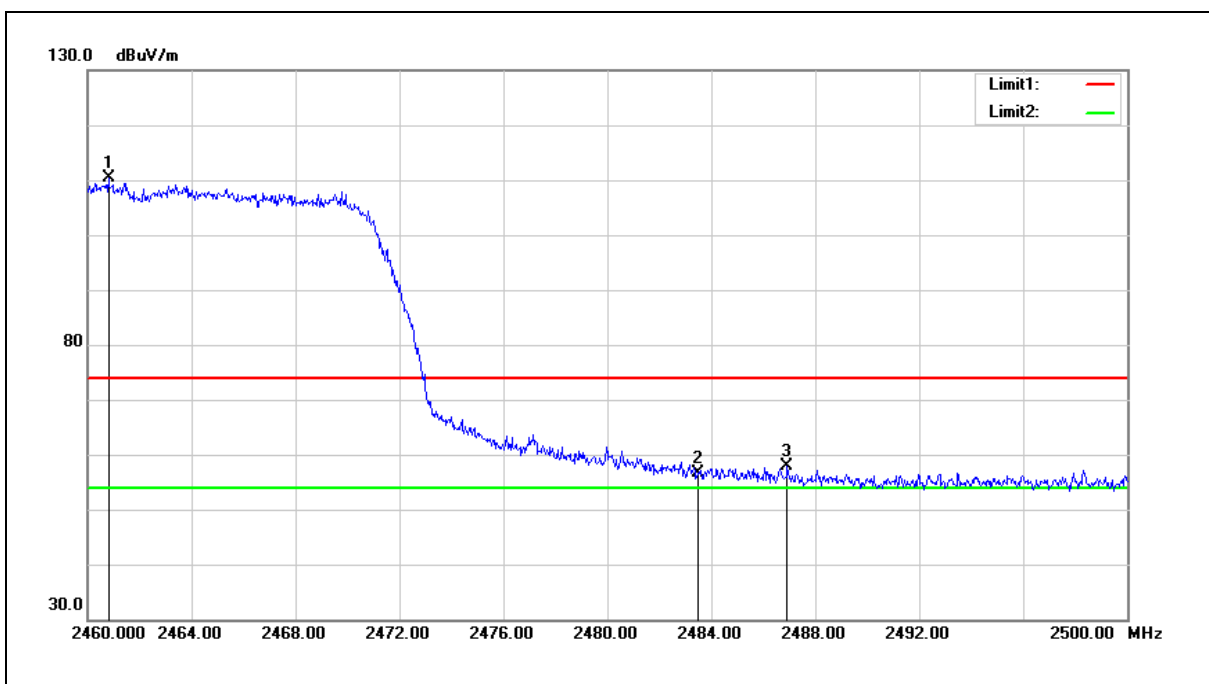
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.760	105.26	-1.97	103.29	74.00	29.29	peak
2	2483.500	57.74	-1.89	55.85	74.00	-18.15	peak
3	2484.120	59.75	-1.88	57.87	74.00	-16.13	peak

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:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



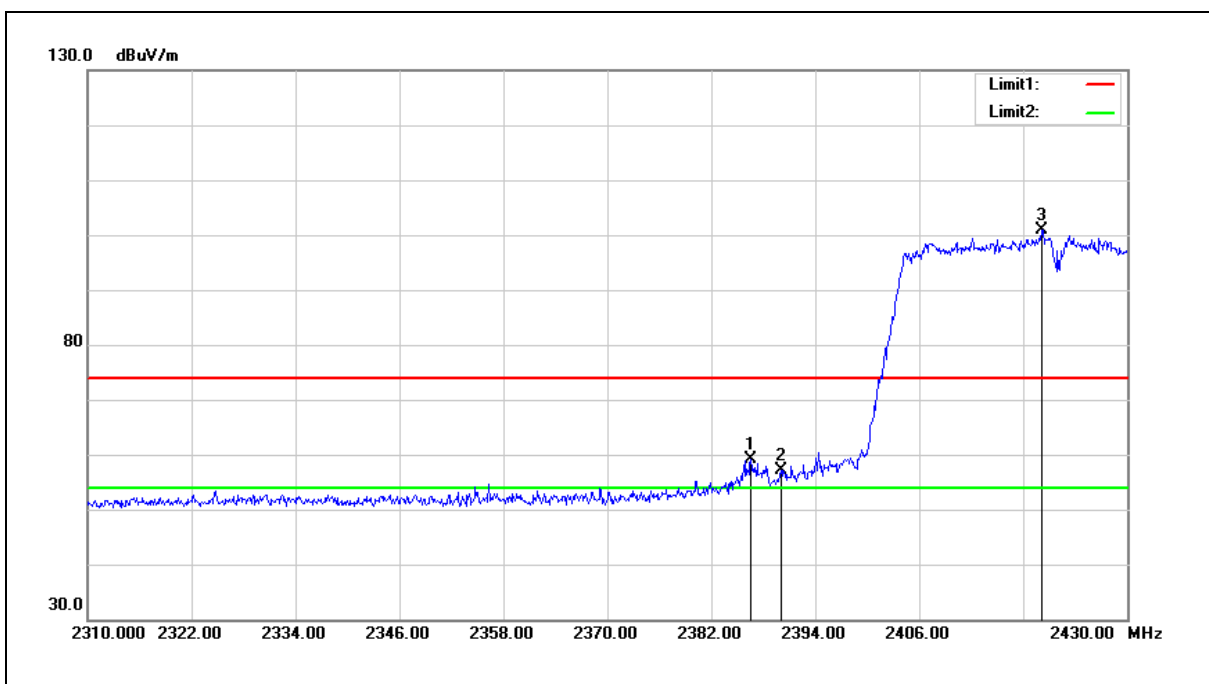
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.800	112.38	-1.99	110.39	74.00	36.39	peak
2	2483.500	58.51	-1.89	56.62	74.00	-17.38	peak
3	2486.920	59.71	-1.88	57.83	74.00	-16.17	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



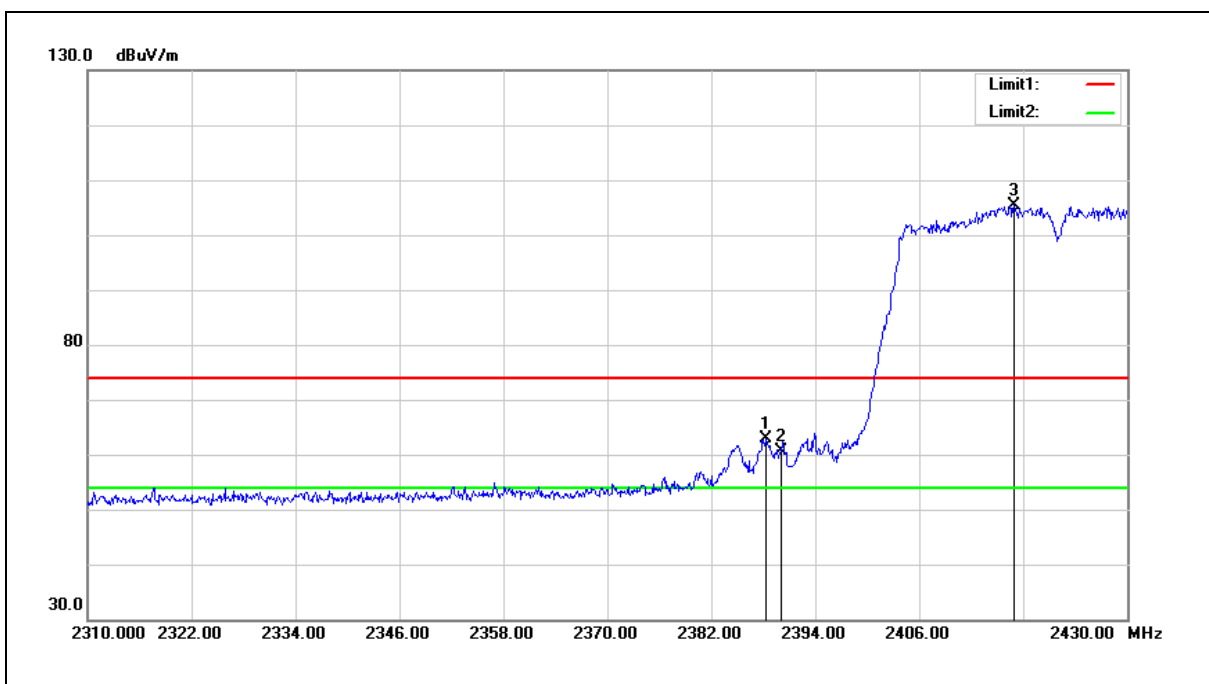
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.560	61.35	-2.30	59.05	74.00	-14.95	peak
2	2390.000	59.40	-2.28	57.12	74.00	-16.88	peak
3	2420.160	103.03	-2.15	100.88	74.00	26.88	peak

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:	Band edge		
Frequency:	2422 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



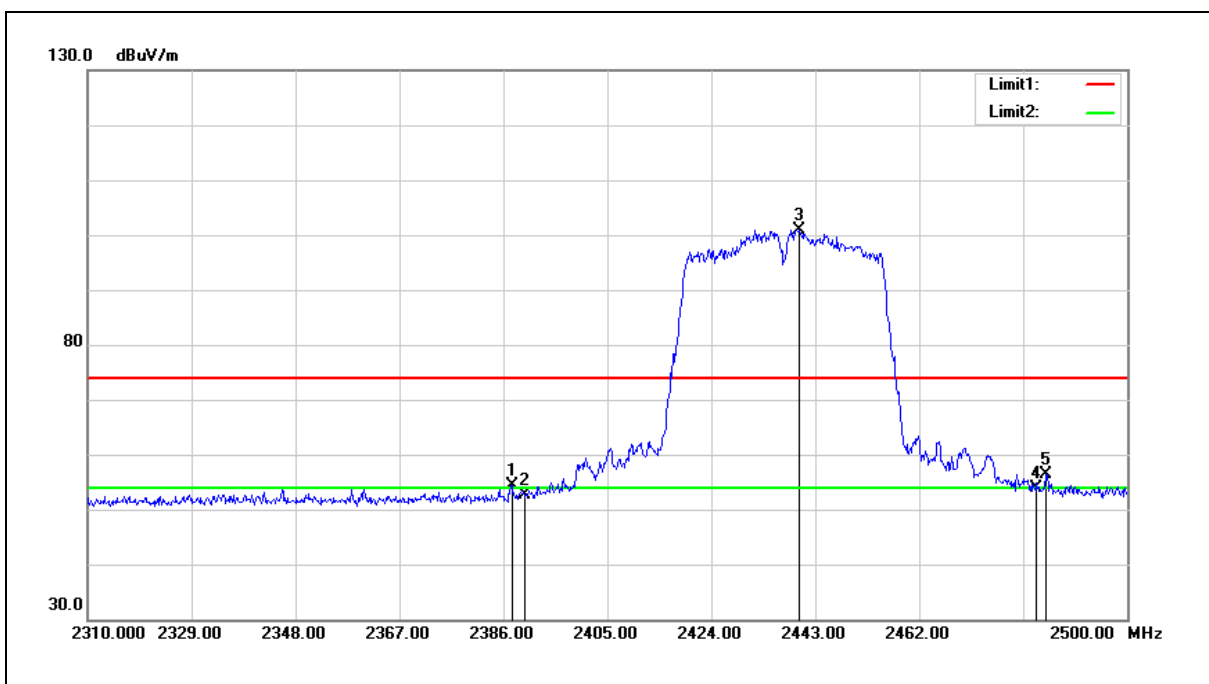
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.360	65.08	-2.28	62.80	74.00	-11.20	peak
2	2390.000	62.87	-2.28	60.59	74.00	-13.41	peak
3	2416.920	107.59	-2.16	105.43	74.00	31.43	peak

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

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

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

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



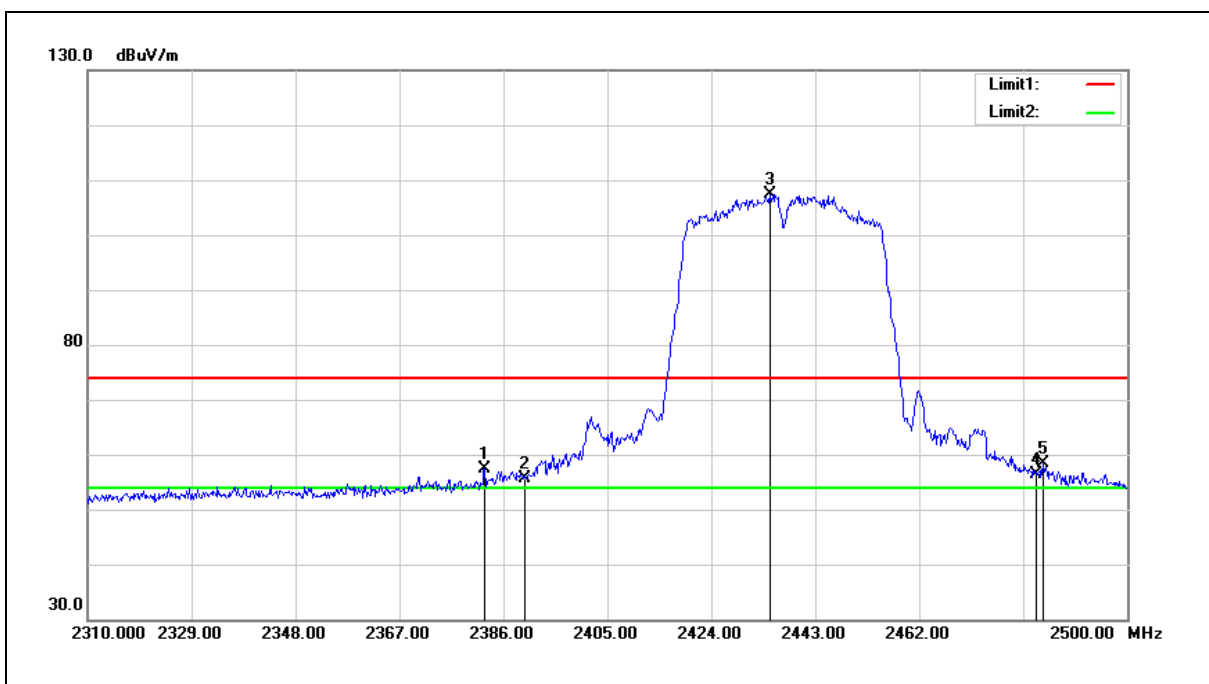
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.520	56.70	-2.28	54.42	74.00	-19.58	peak
2	2390.000	54.97	-2.28	52.69	74.00	-21.31	peak
3	2439.960	103.00	-2.08	100.92	74.00	26.92	peak
4	2483.500	55.80	-1.89	53.91	74.00	-20.09	peak
5	2485.180	58.26	-1.88	56.38	74.00	-17.62	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:	Band edge		
Frequency:	2437 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



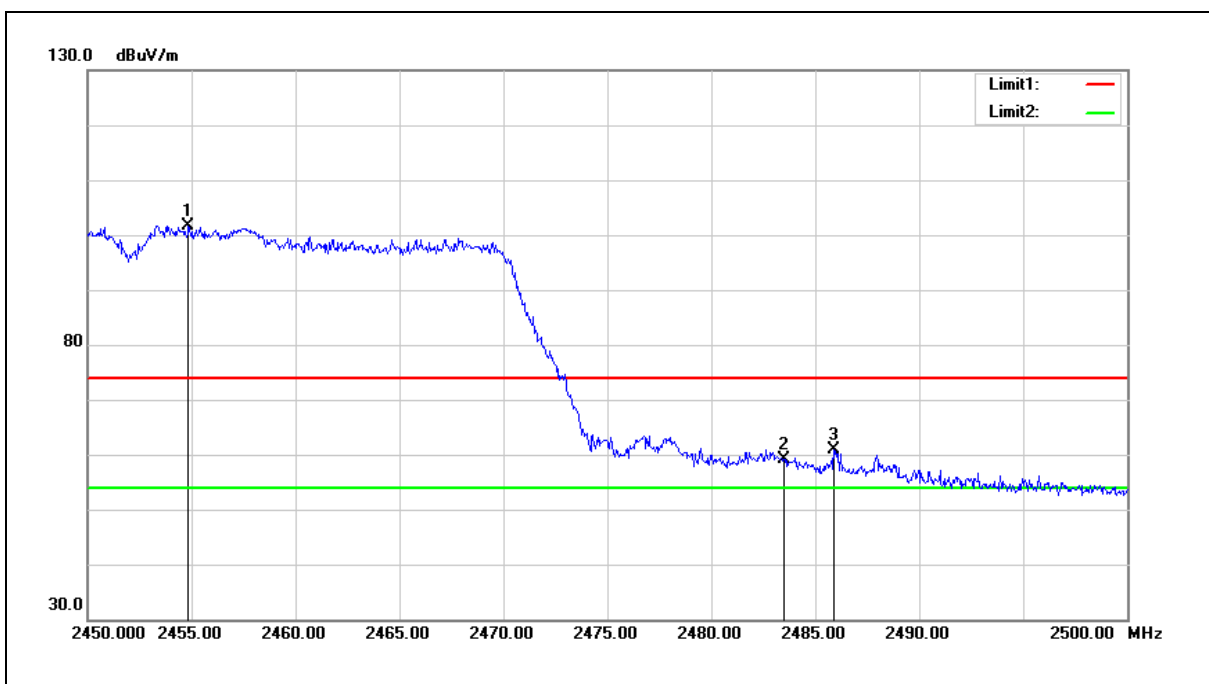
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.580	59.76	-2.31	57.45	74.00	-16.55	peak
2	2390.000	57.89	-2.28	55.61	74.00	-18.39	peak
3	2434.640	109.50	-2.09	107.41	74.00	33.41	peak
4	2483.500	58.38	-1.89	56.49	74.00	-17.51	peak
5	2484.610	60.21	-1.88	58.33	74.00	-15.67	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



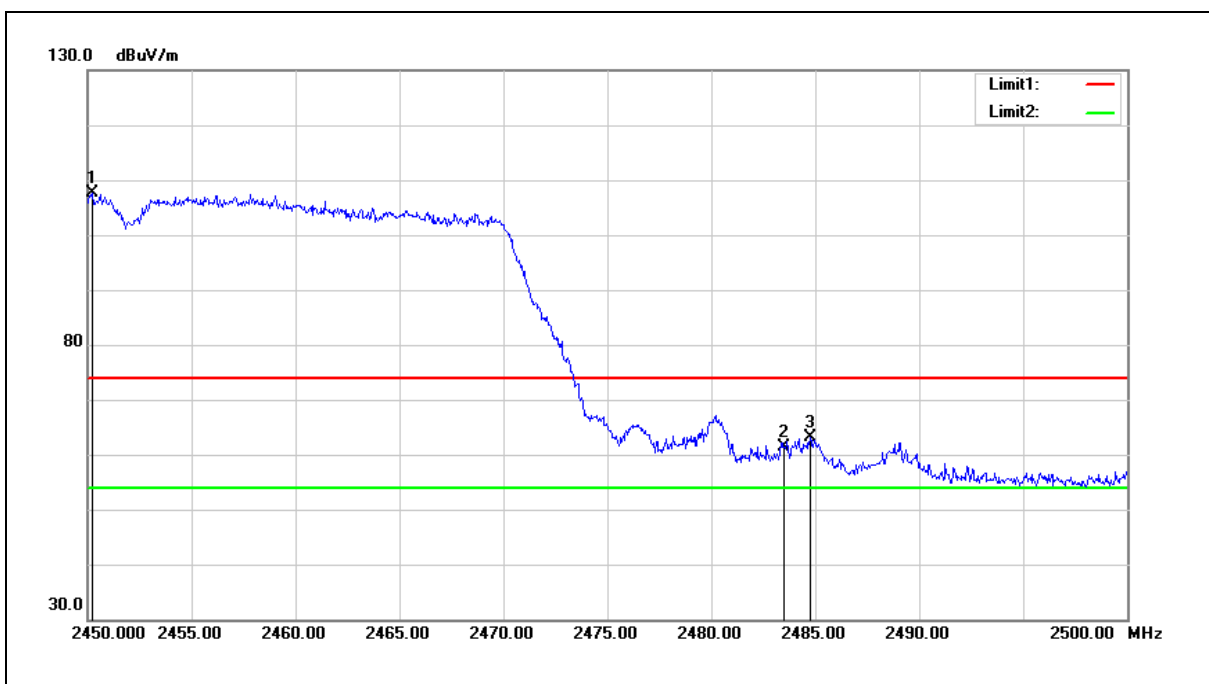
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2454.850	103.73	-2.02	101.71	74.00	27.71	peak
2	2483.500	61.01	-1.89	59.12	74.00	-14.88	peak
3	2485.900	62.67	-1.88	60.79	74.00	-13.21	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2450.250	109.55	-2.03	107.52	74.00	33.52	peak
2	2483.500	63.26	-1.89	61.37	74.00	-12.63	peak
3	2484.750	65.02	-1.88	63.14	74.00	-10.86	peak

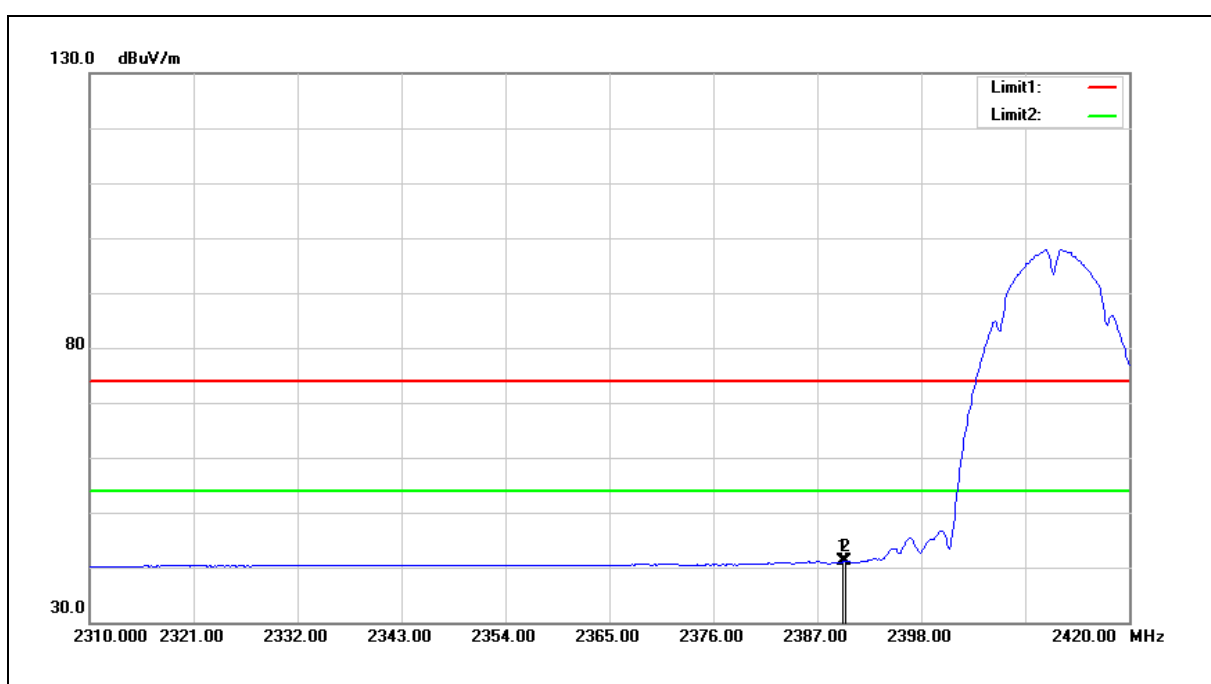
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

Average

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



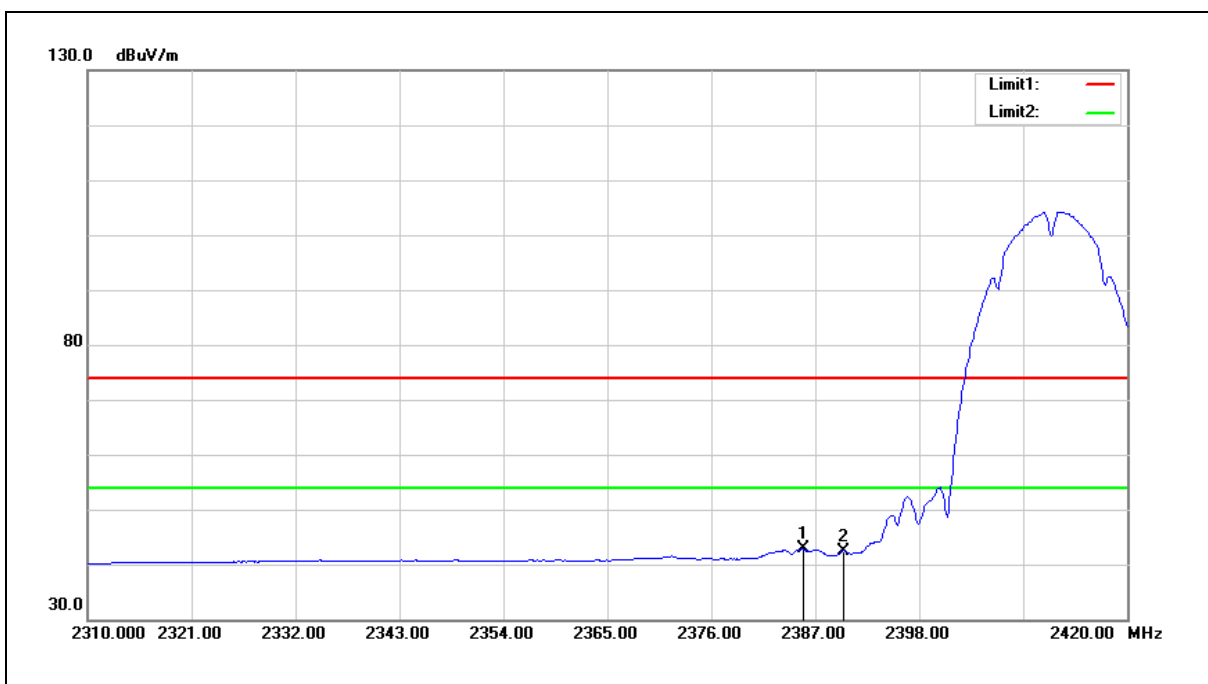
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.750	43.32	-2.28	41.04	54.00	-12.96	AVG
2	2390.000	43.43	-2.28	41.15	54.00	-12.85	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



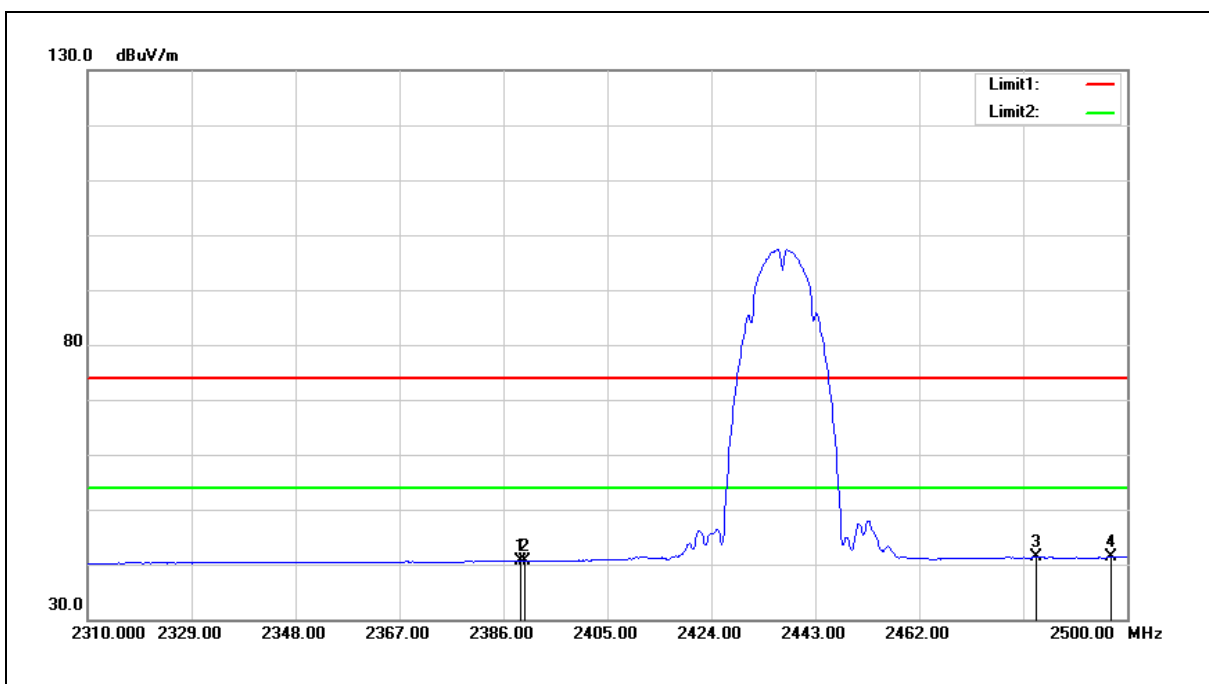
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.680	45.06	-2.30	42.76	54.00	-11.24	AVG
2	2390.000	44.76	-2.28	42.48	54.00	-11.52	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2437 MHz		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



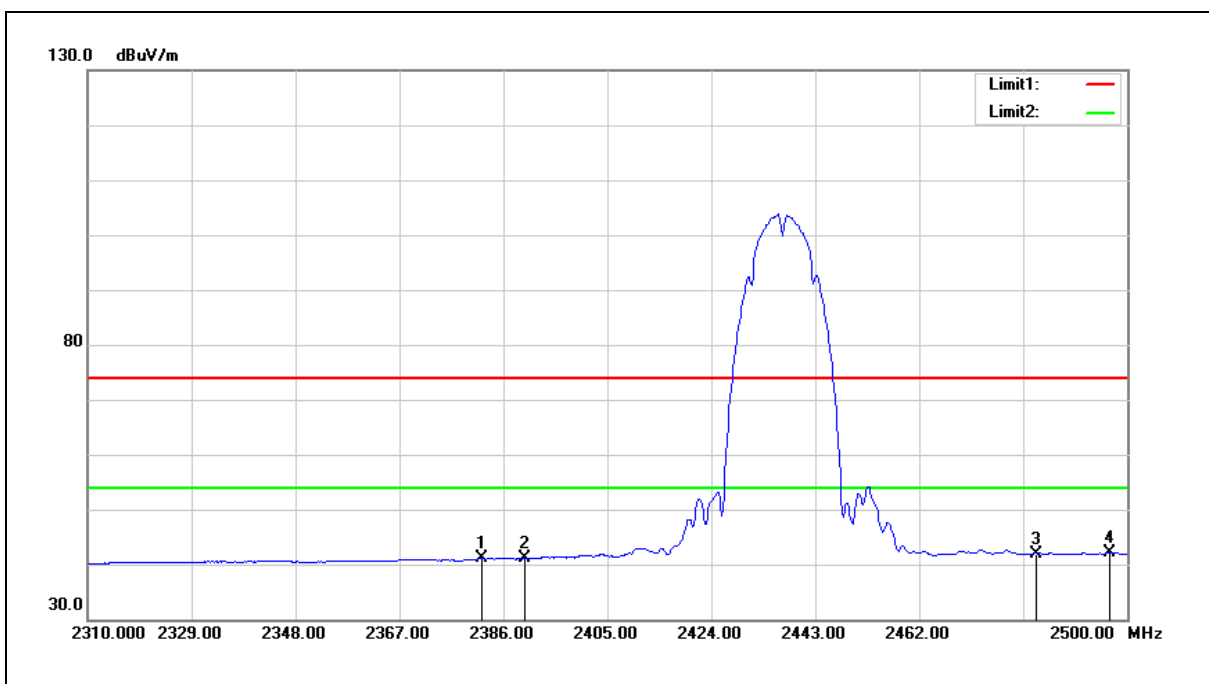
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.230	42.93	-2.28	40.65	54.00	-13.35	AVG
2	2390.000	42.95	-2.28	40.67	54.00	-13.33	AVG
3	2483.500	43.18	-1.89	41.29	54.00	-12.71	AVG
4	2497.150	43.14	-1.83	41.31	54.00	-12.69	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2437 MHz		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



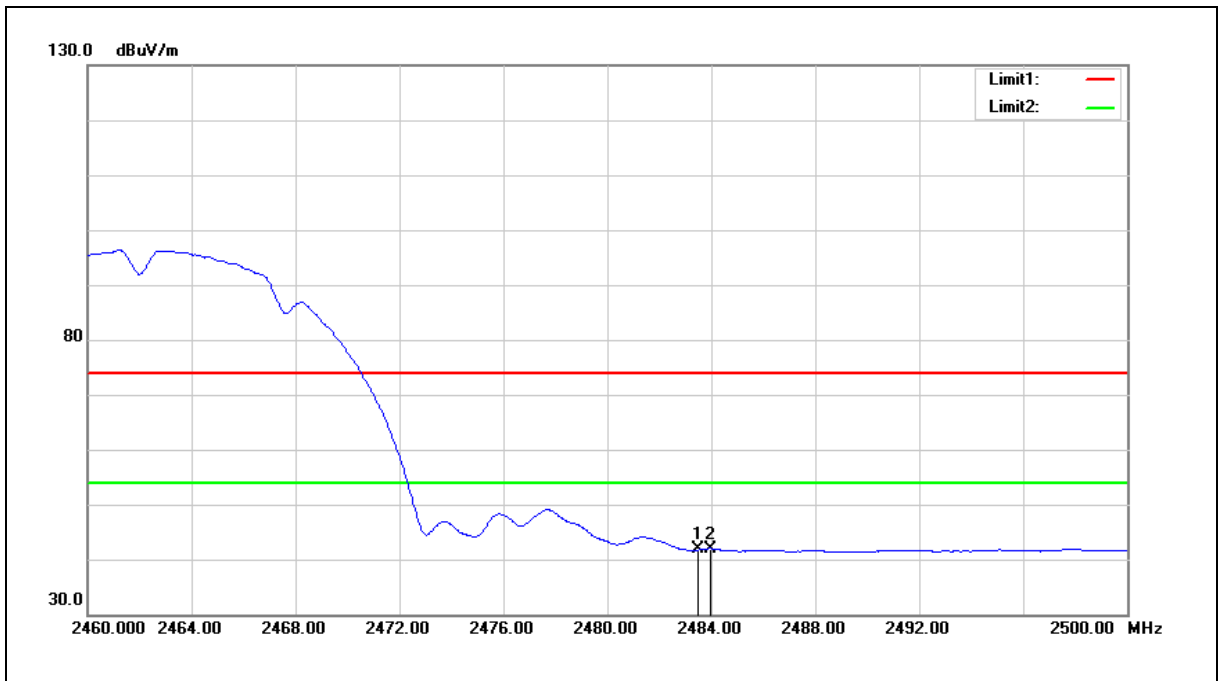
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.010	43.50	-2.31	41.19	54.00	-12.81	AVG
2	2390.000	43.35	-2.28	41.07	54.00	-12.93	AVG
3	2483.500	43.89	-1.89	42.00	54.00	-12.00	AVG
4	2496.770	43.92	-1.83	42.09	54.00	-11.91	AVG

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:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



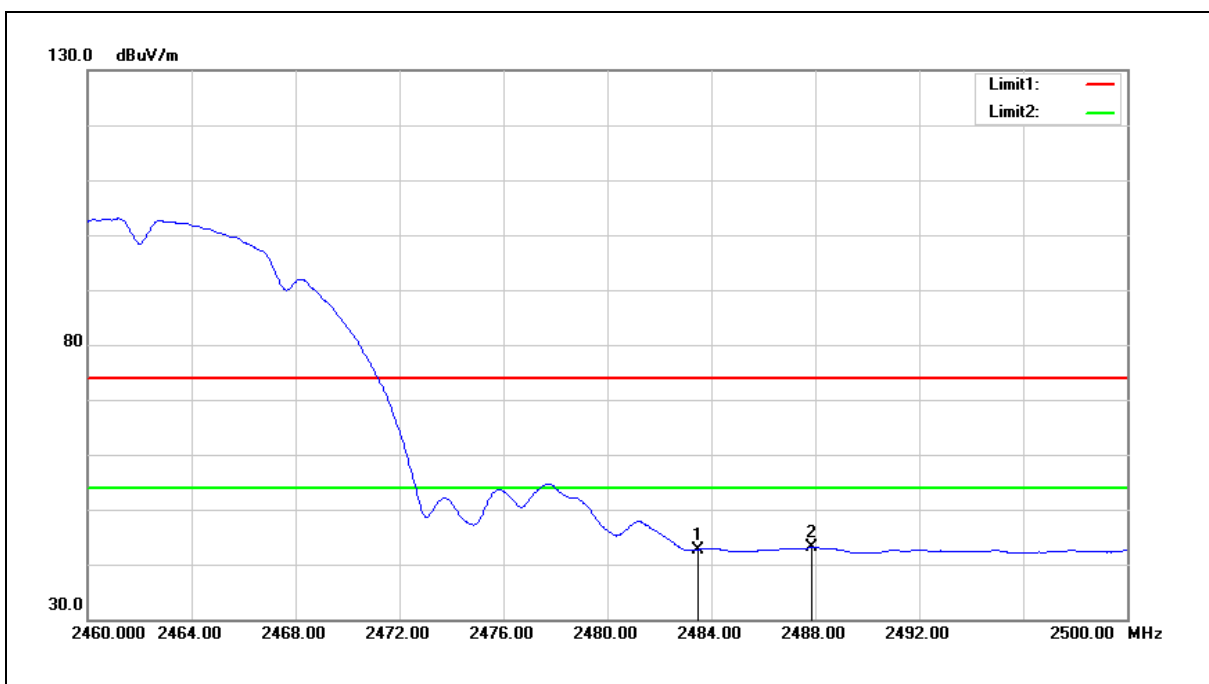
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	43.70	-1.89	41.81	54.00	-12.19	AVG
2	2483.960	43.88	-1.88	42.00	54.00	-12.00	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



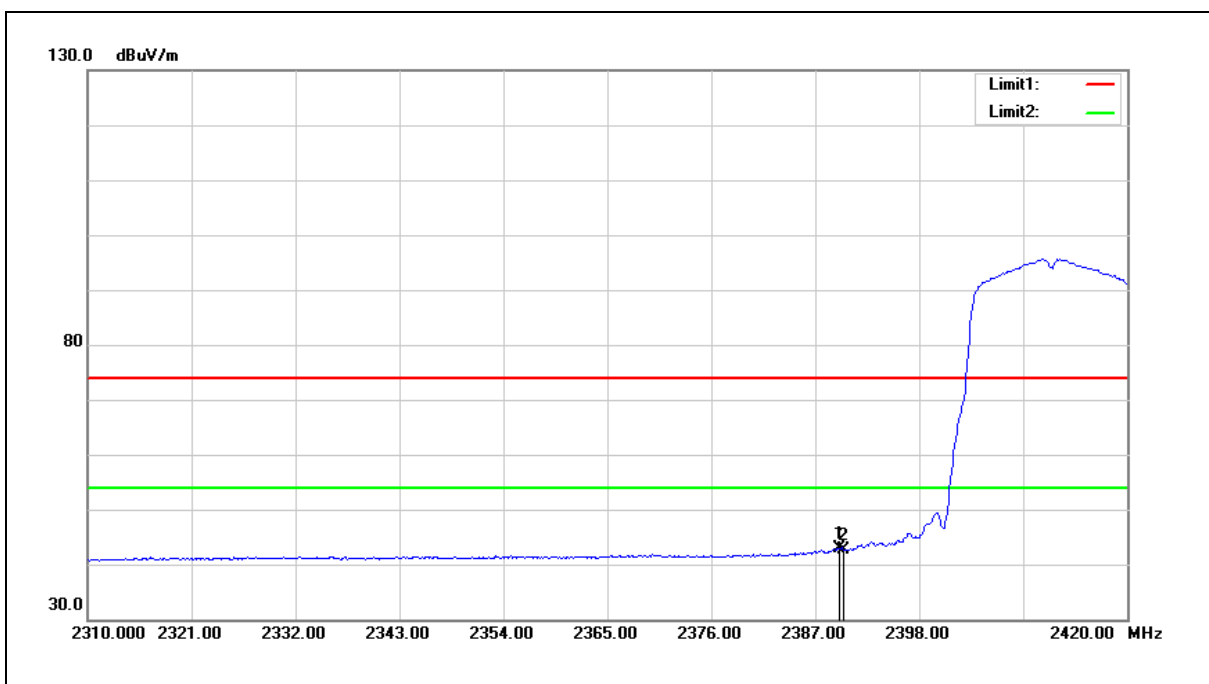
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	44.64	-1.89	42.75	54.00	-11.25	AVG
2	2487.840	44.94	-1.87	43.07	54.00	-10.93	AVG

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		
Frequency:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



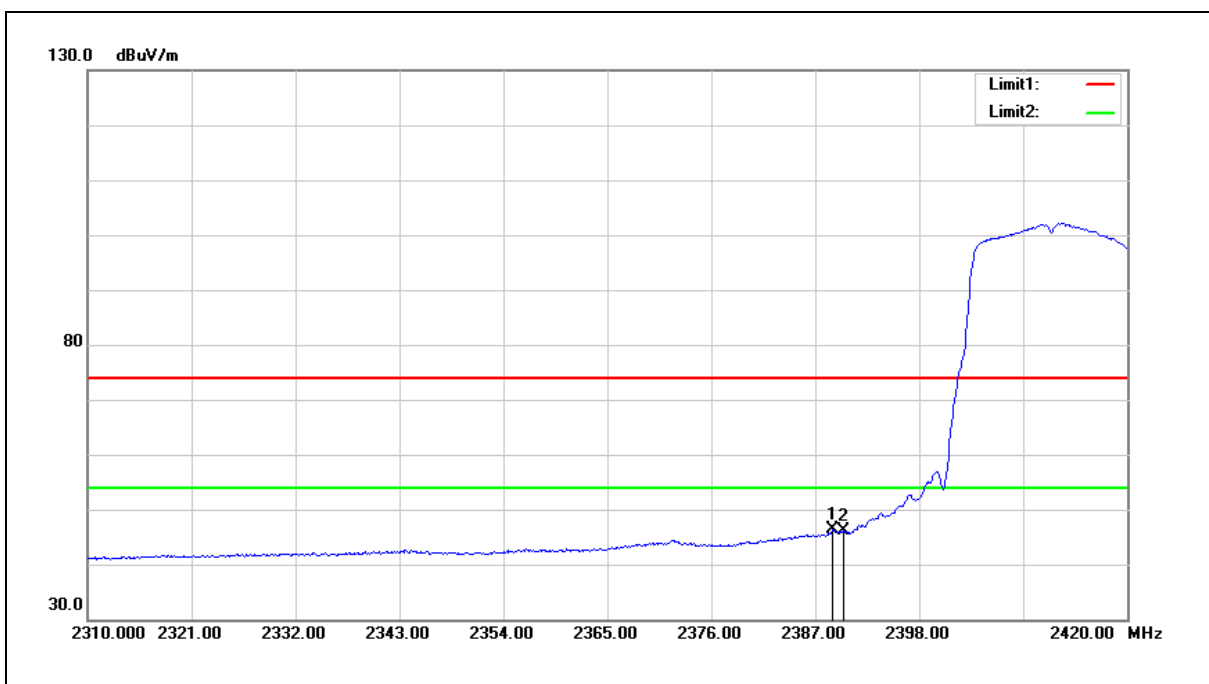
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.530	45.18	-2.28	42.90	54.00	-11.10	AVG
2	2390.000	44.97	-2.28	42.69	54.00	-11.31	AVG

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

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

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

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



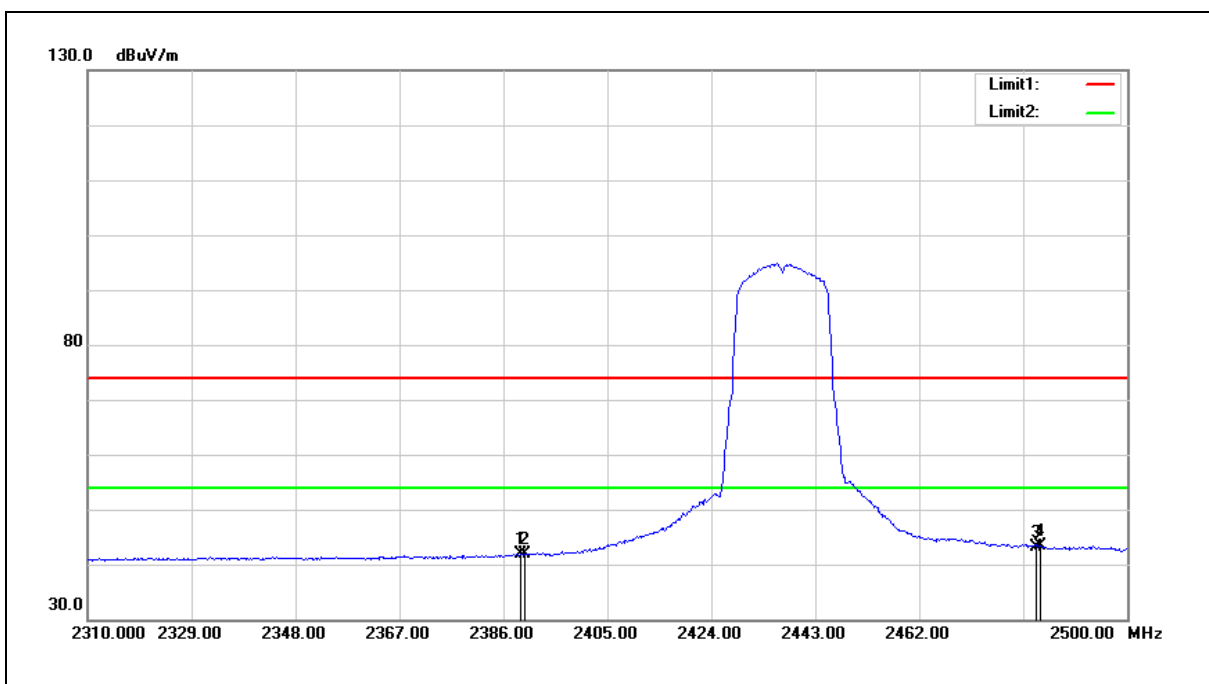
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.870	48.69	-2.28	46.41	54.00	-7.59	AVG
2	2390.000	48.29	-2.28	46.01	54.00	-7.99	AVG

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		
Frequency:	2437 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



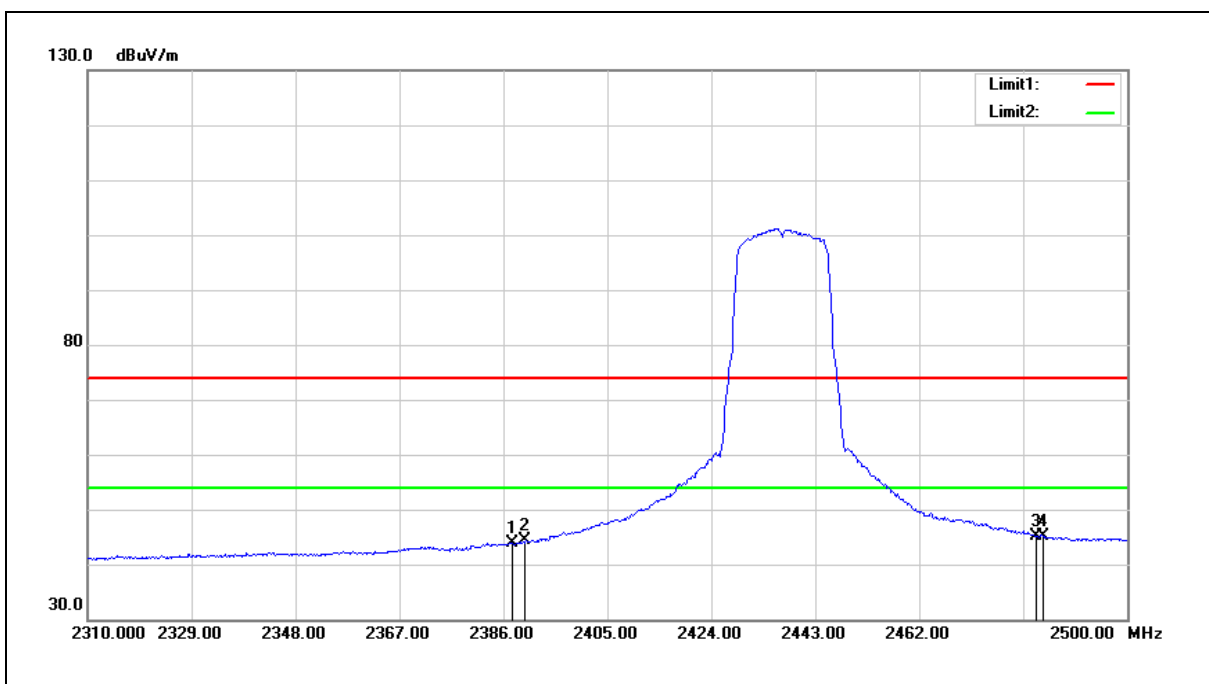
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.040	44.15	-2.28	41.87	54.00	-12.13	AVG
2	2390.000	44.21	-2.28	41.93	54.00	-12.07	AVG
3	2483.500	45.01	-1.89	43.12	54.00	-10.88	AVG
4	2484.040	45.30	-1.88	43.42	54.00	-10.58	AVG

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

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

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

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



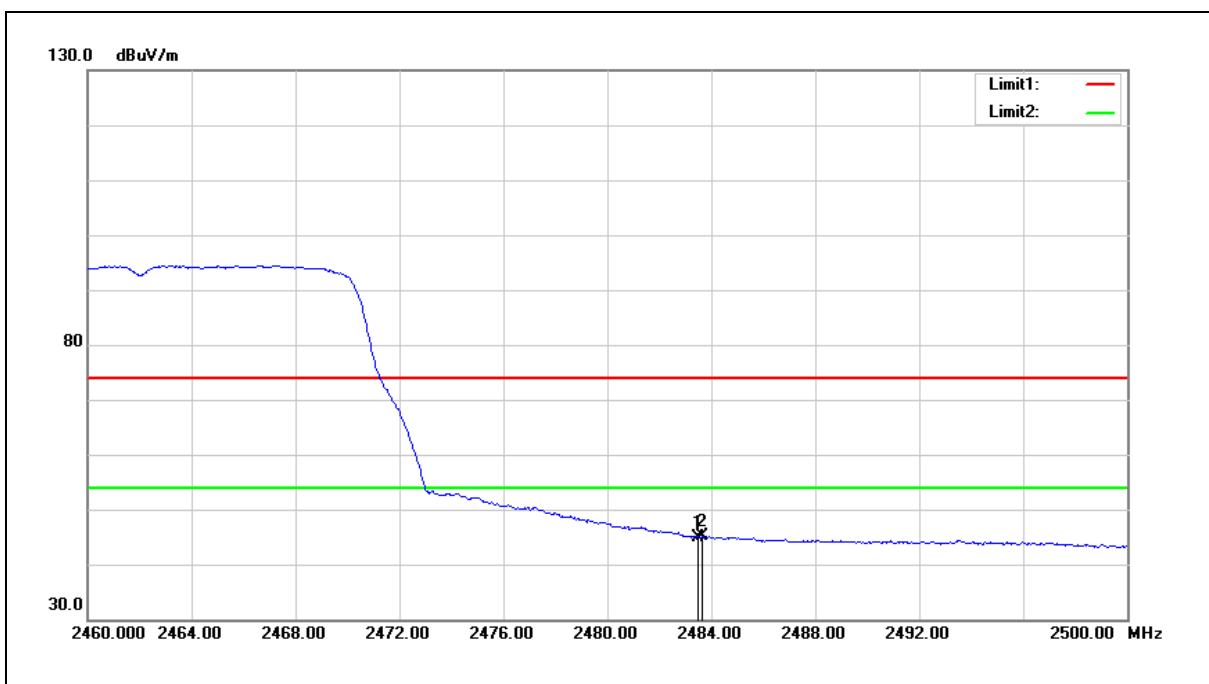
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.520	46.28	-2.28	44.00	54.00	-10.00	AVG
2	2390.000	46.57	-2.28	44.29	54.00	-9.71	AVG
3	2483.500	46.95	-1.89	45.06	54.00	-8.94	AVG
4	2484.610	46.97	-1.88	45.09	54.00	-8.91	AVG

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

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

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

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



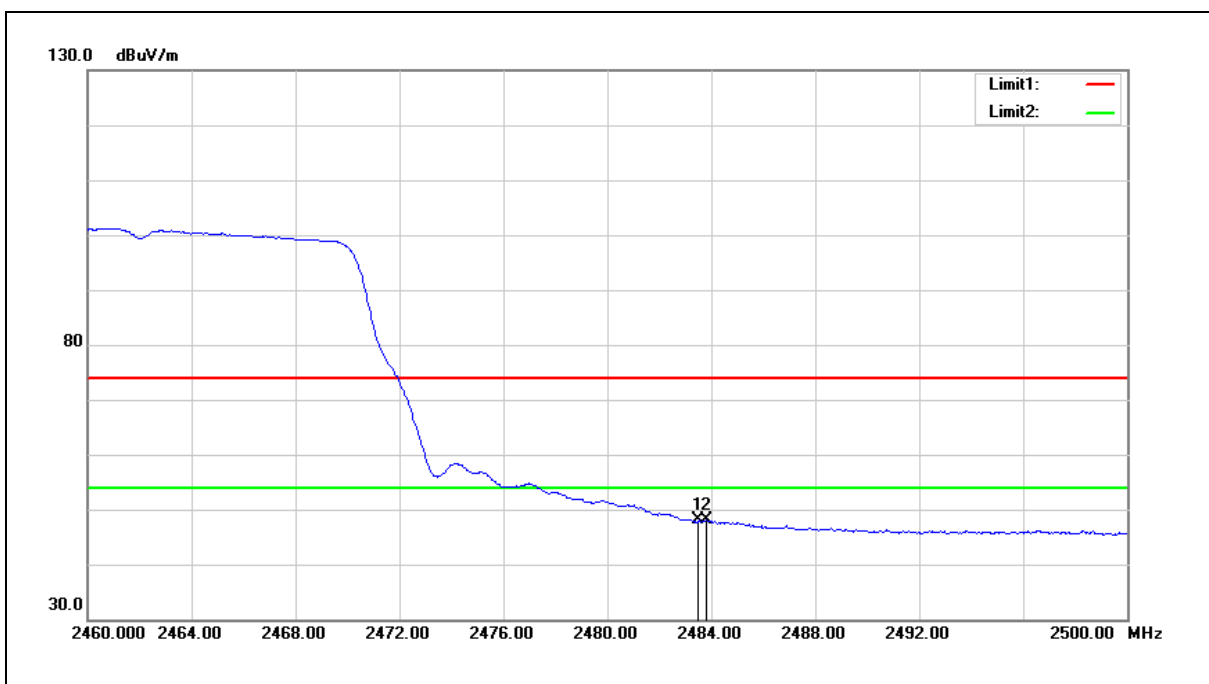
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	46.72	-1.89	44.83	54.00	-9.17	AVG
2	2483.640	47.05	-1.89	45.16	54.00	-8.84	AVG

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

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

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

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



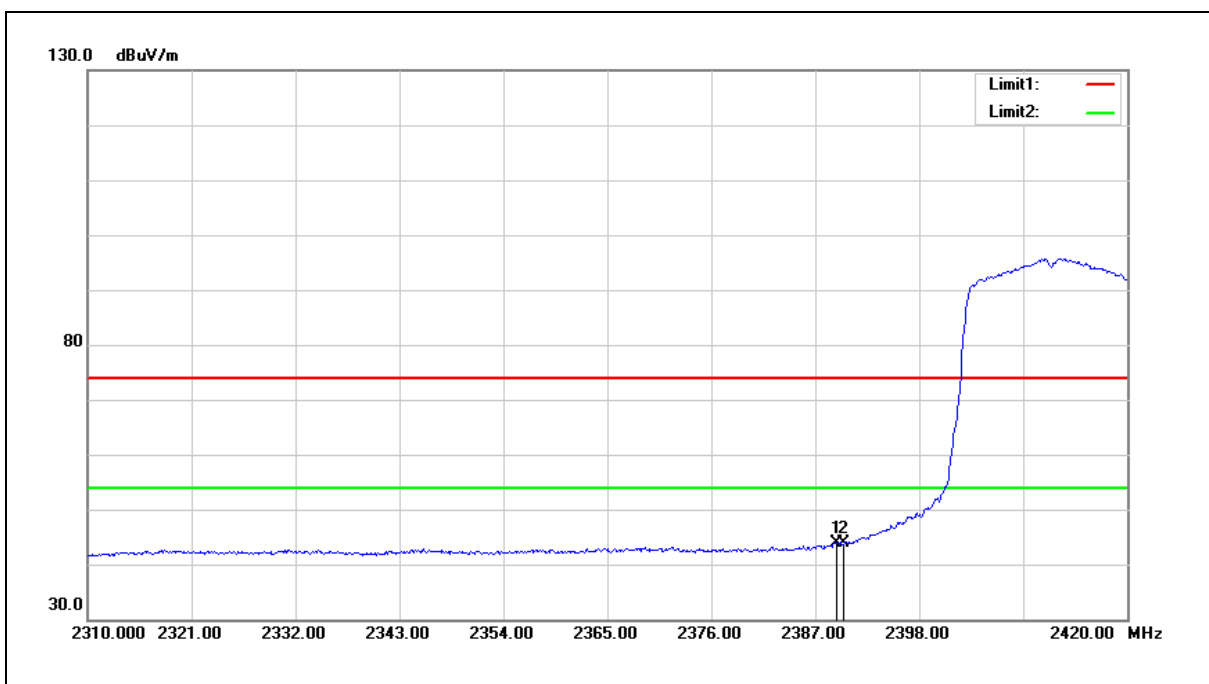
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	49.92	-1.89	48.03	54.00	-5.97	AVG
2	2483.800	49.90	-1.89	48.01	54.00	-5.99	AVG

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		
Frequency:	2412 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



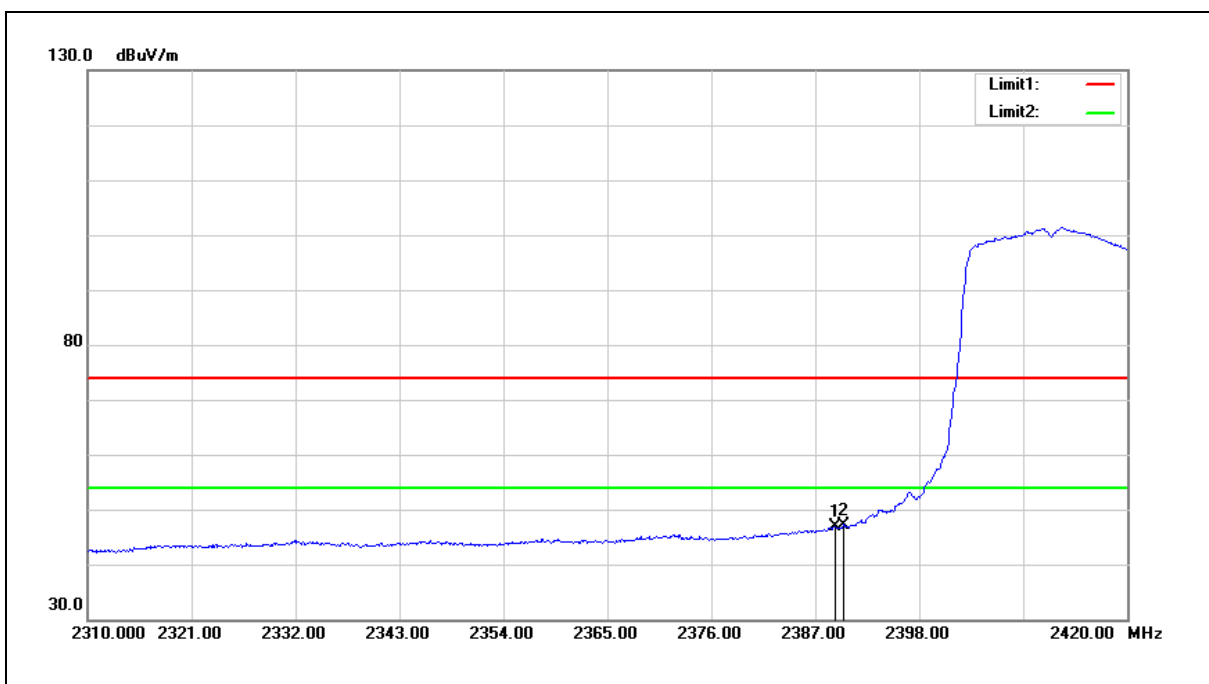
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.310	46.25	-2.28	43.97	54.00	-10.03	AVG
2	2390.000	46.26	-2.28	43.98	54.00	-10.02	AVG

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

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

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

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



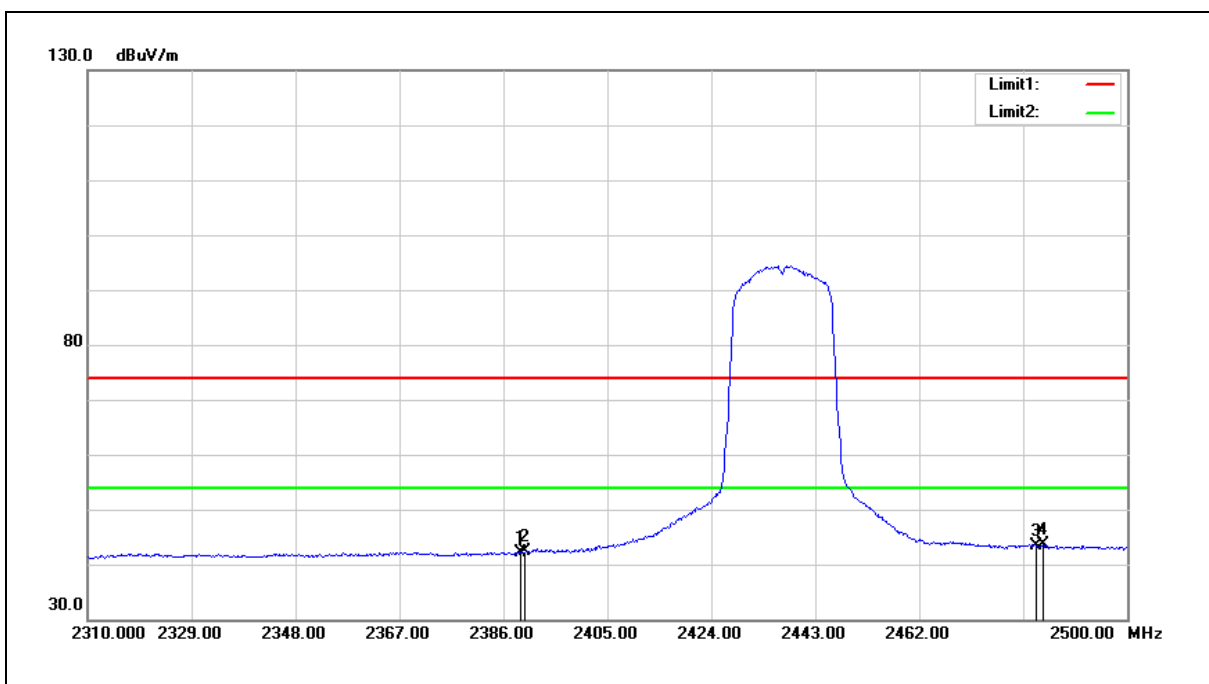
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.090	49.24	-2.28	46.96	54.00	-7.04	AVG
2	2390.000	49.41	-2.28	47.13	54.00	-6.87	AVG

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

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

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

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



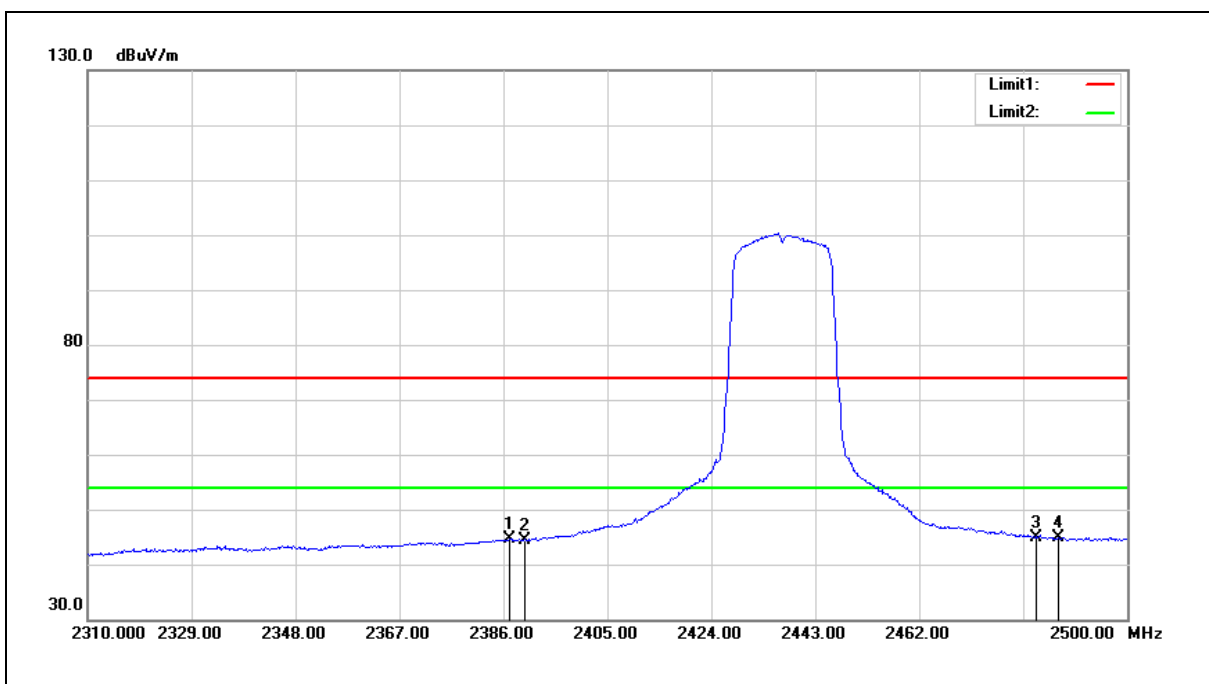
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.230	44.53	-2.28	42.25	54.00	-11.75	AVG
2	2390.000	44.61	-2.28	42.33	54.00	-11.67	AVG
3	2483.500	45.16	-1.89	43.27	54.00	-10.73	AVG
4	2484.610	45.58	-1.88	43.70	54.00	-10.30	AVG

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

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

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

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



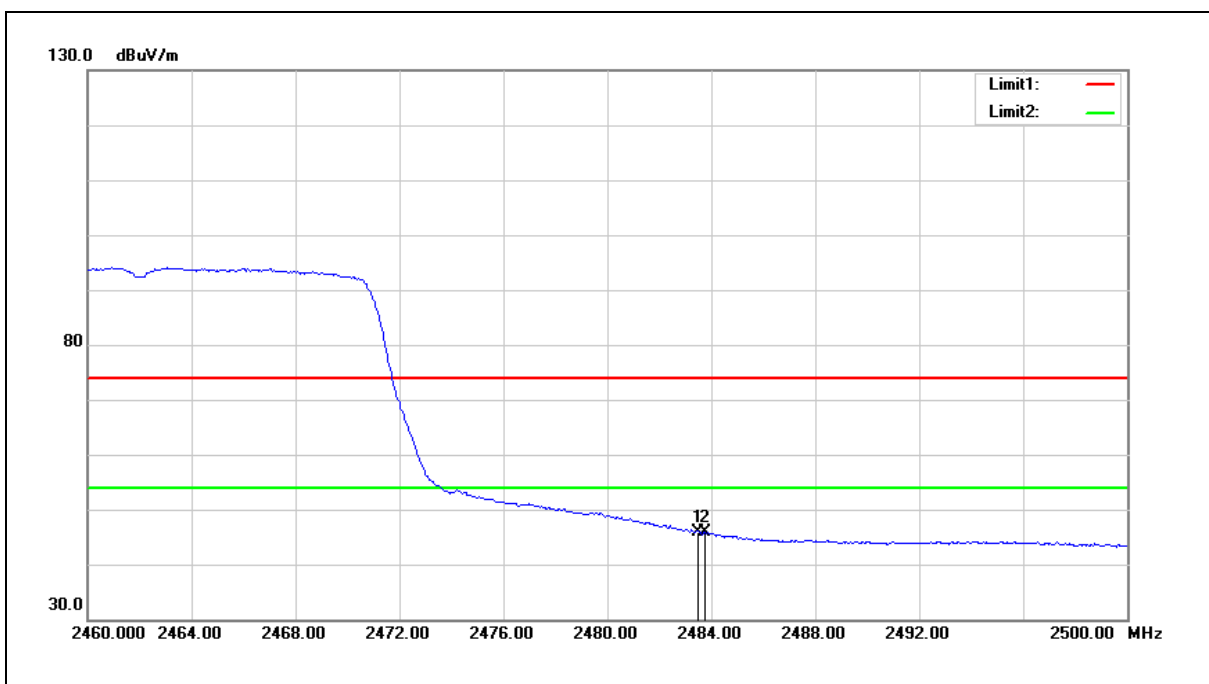
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.140	47.04	-2.29	44.75	54.00	-9.25	AVG
2	2390.000	46.69	-2.28	44.41	54.00	-9.59	AVG
3	2483.500	46.83	-1.89	44.94	54.00	-9.06	AVG
4	2487.460	46.81	-1.88	44.93	54.00	-9.07	AVG

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

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

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

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



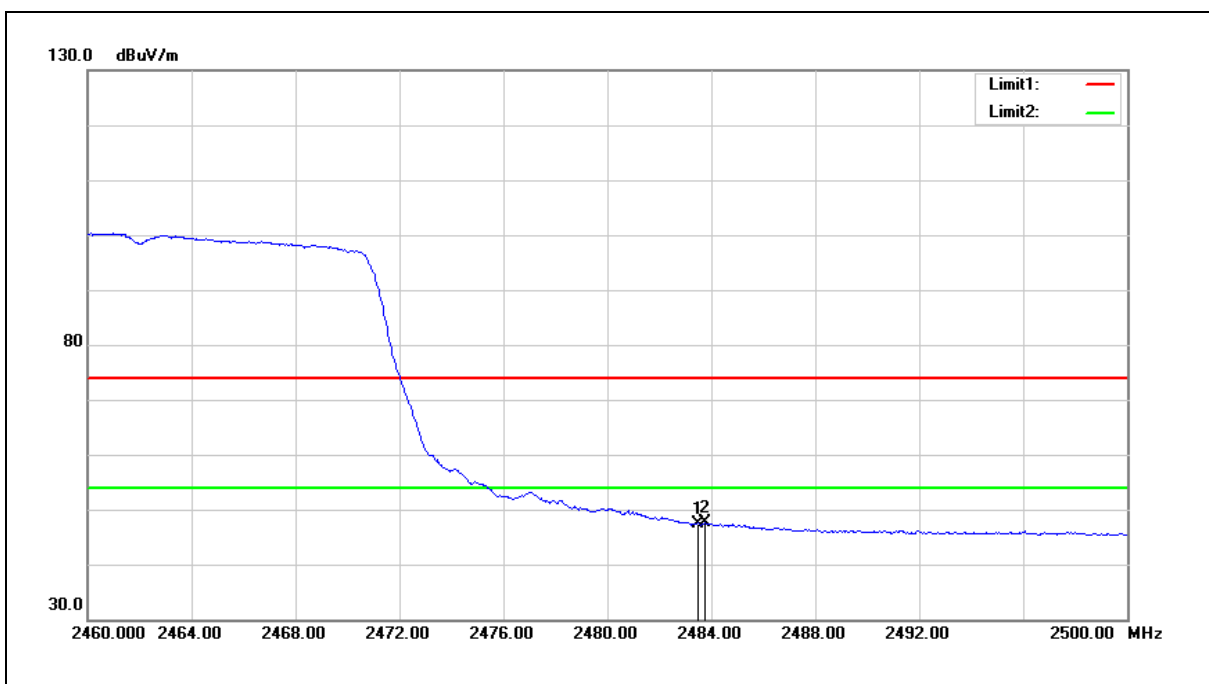
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	47.73	-1.89	45.84	54.00	-8.16	AVG
2	2483.760	47.74	-1.89	45.85	54.00	-8.15	AVG

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

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

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

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



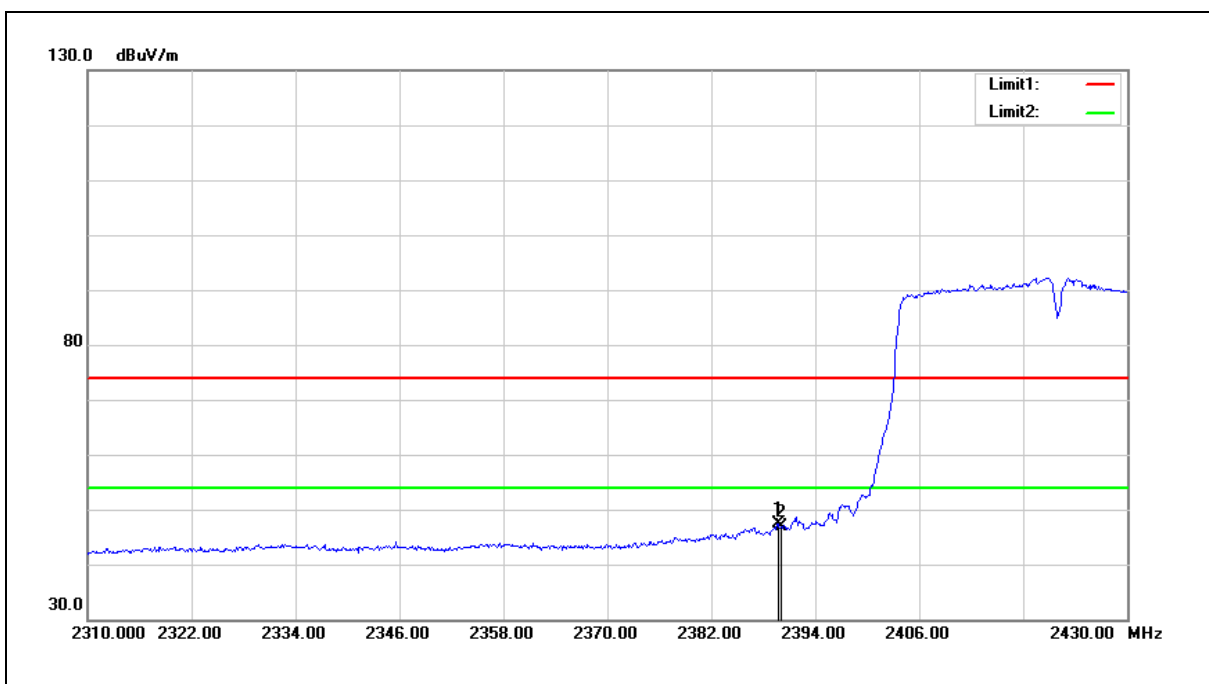
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	49.33	-1.89	47.44	54.00	-6.56	AVG
2	2483.760	49.58	-1.89	47.69	54.00	-6.31	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



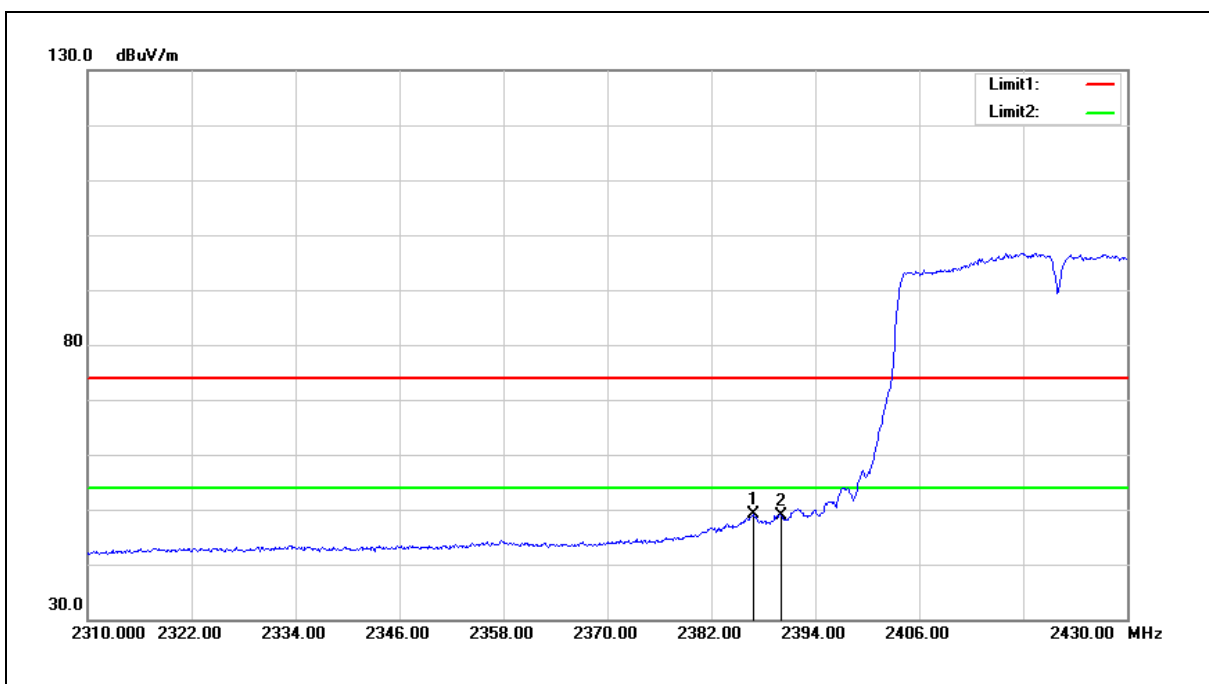
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.680	49.74	-2.28	47.46	54.00	-6.54	AVG
2	2390.000	49.10	-2.28	46.82	54.00	-7.18	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



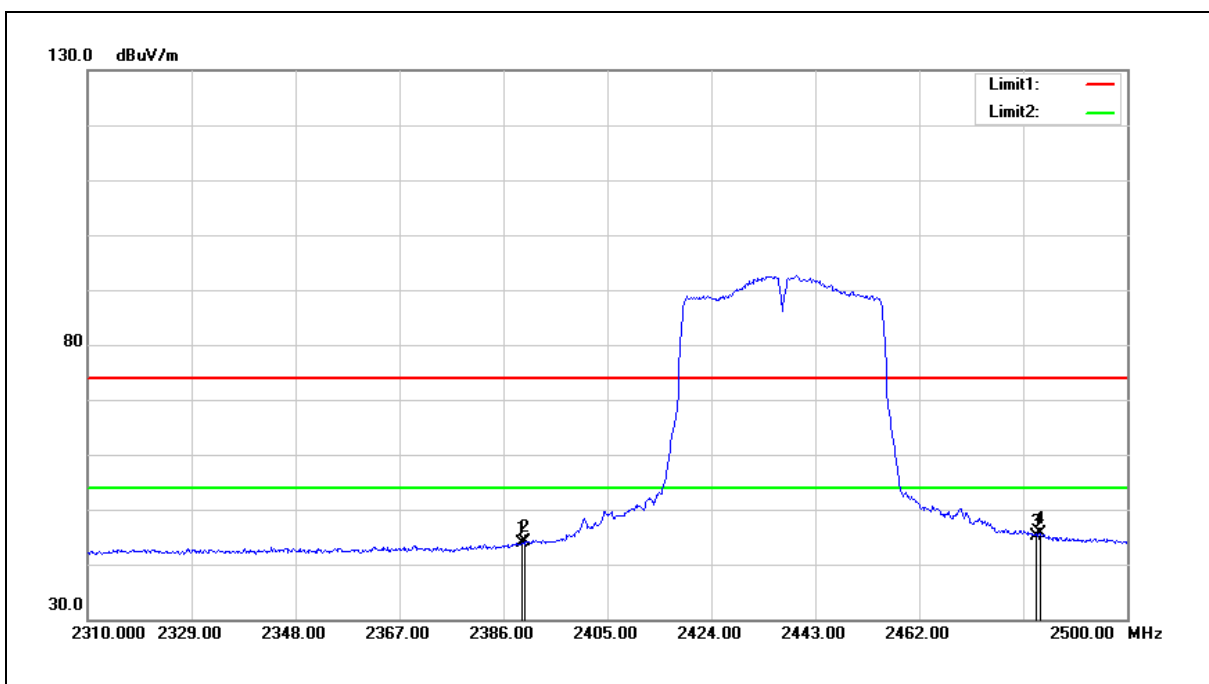
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.920	51.45	-2.30	49.15	54.00	-4.85	AVG
2	2390.000	51.20	-2.28	48.92	54.00	-5.08	AVG

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

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

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

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



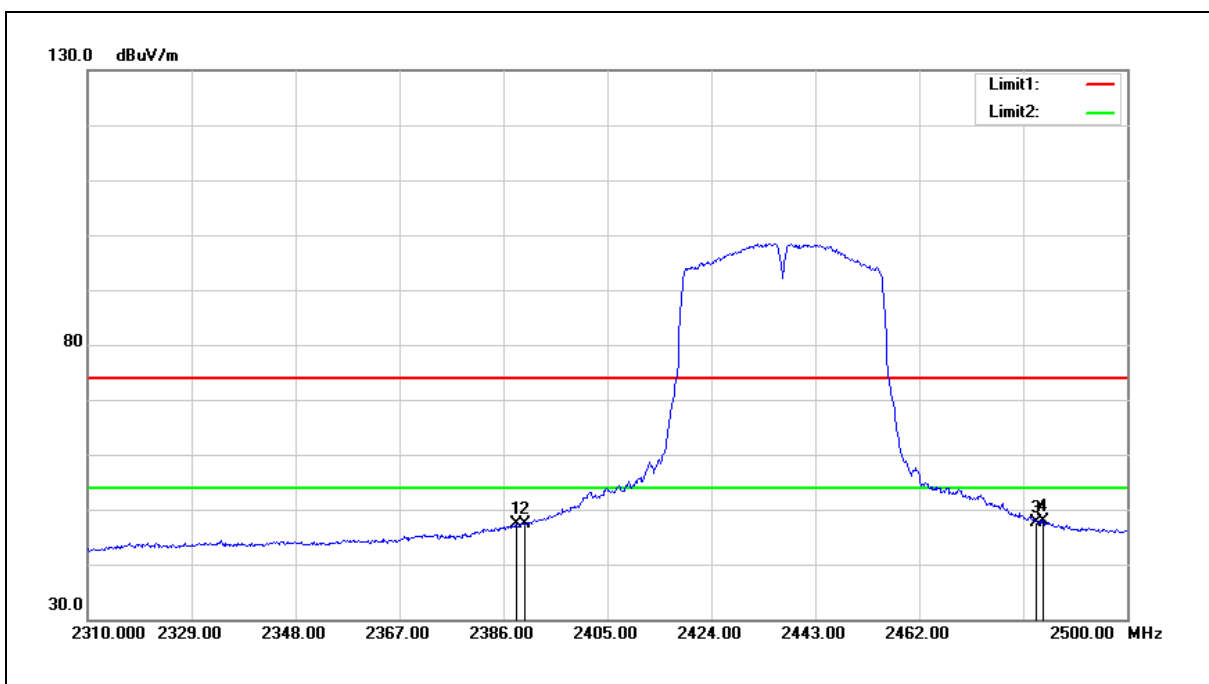
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.420	46.21	-2.28	43.93	54.00	-10.07	AVG
2	2390.000	46.35	-2.28	44.07	54.00	-9.93	AVG
3	2483.500	46.98	-1.89	45.09	54.00	-8.91	AVG
4	2484.040	47.58	-1.88	45.70	54.00	-8.30	AVG

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

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

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

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



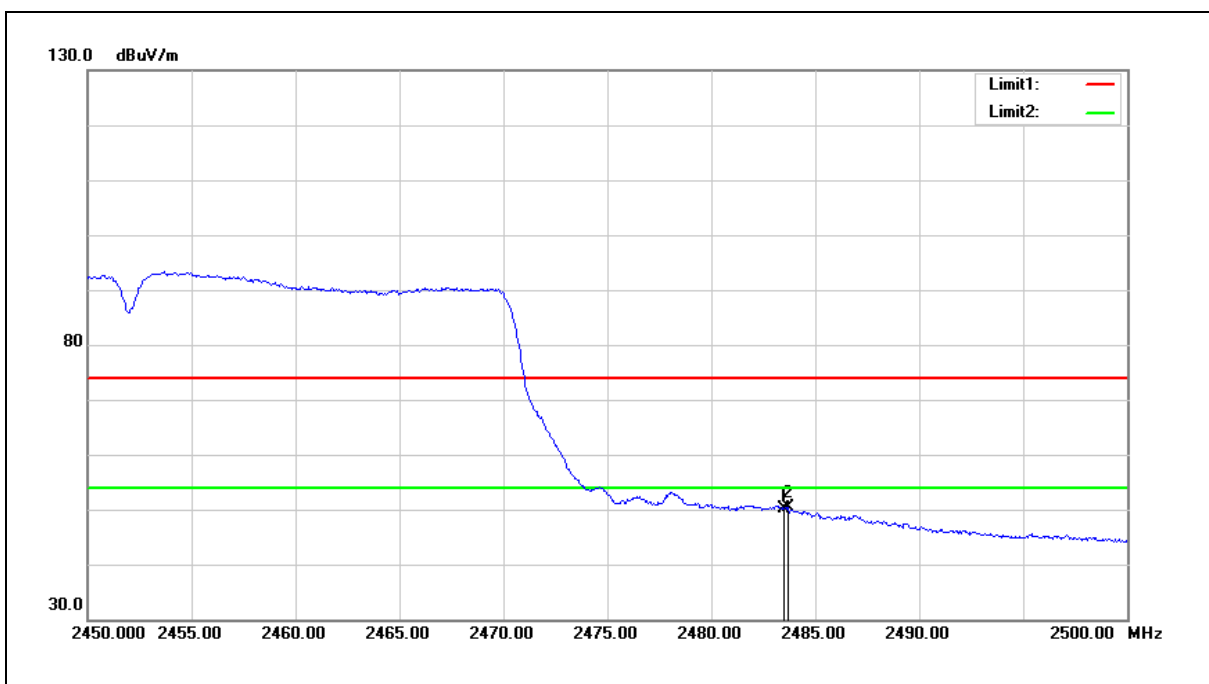
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.470	49.76	-2.28	47.48	54.00	-6.52	AVG
2	2390.000	49.73	-2.28	47.45	54.00	-6.55	AVG
3	2483.500	49.62	-1.89	47.73	54.00	-6.27	AVG
4	2484.610	49.88	-1.88	48.00	54.00	-6.00	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



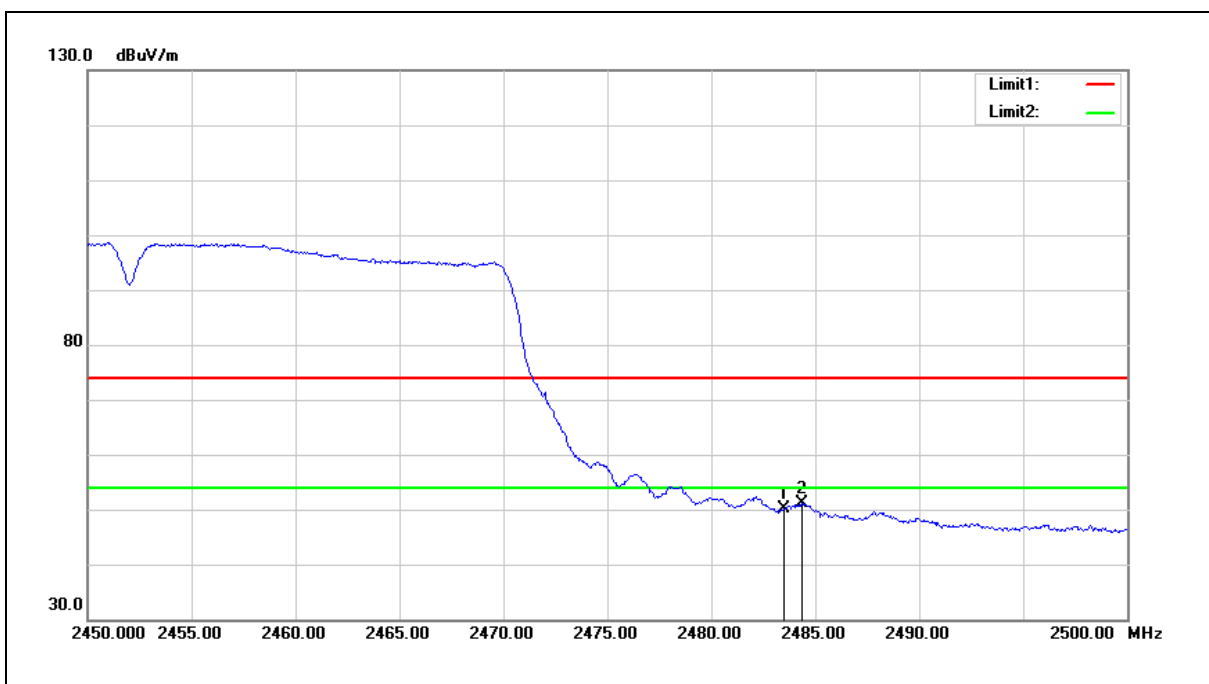
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	52.13	-1.89	50.24	54.00	-3.76	AVG
2	2483.700	52.19	-1.89	50.30	54.00	-3.70	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	52.08	-1.89	50.19	54.00	-3.81	AVG
2	2484.350	53.11	-1.88	51.23	54.00	-2.77	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.

5.3 Conducted Test Results (2.4 GHz)

Maximum Conducted Output Power

Test Mode	Data Rate (Mbps)	Frequency (MHz)	Average Power						Limit (dBm)
			ANT0		ANT1		ANT0+1		
			dBm	W	dBm	W	dBm	W	
Mode 1	1	2412	14.06	0.025	14.47	0.028	---	---	≤ 30.00
		2437	13.80	0.024	14.46	0.028	---	---	≤ 30.00
		2462	13.52	0.022	14.37	0.027	---	---	≤ 30.00
Mode 2	6	2412	13.95	0.025	15.21	0.033	---	---	≤ 30.00
		2437	13.70	0.023	15.15	0.033	---	---	≤ 30.00
		2462	13.67	0.023	15.22	0.033	---	---	≤ 30.00
Mode 3	13	2412	12.19	0.017	13.45	0.022	15.88	0.039	≤ 30.00
		2437	12.08	0.016	13.31	0.021	15.75	0.038	≤ 30.00
		2462	12.13	0.016	13.50	0.022	15.88	0.039	≤ 30.00
Mode 4	27	2422	12.22	0.017	13.59	0.023	15.97	0.040	≤ 30.00
		2437	12.19	0.017	13.50	0.022	15.90	0.039	≤ 30.00
		2452	12.13	0.016	13.52	0.022	15.89	0.039	≤ 30.00

Out of Band Conducted Spurious Emission

Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT0

2412 MHz



2437 MHz



2462 MHz



Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT0

2422 MHz



2437 MHz



2452 MHz



Mode 1: IEEE 802.11b Continuous TX Mode_ANT1

2412 MHz



2437 MHz



2462 MHz



Mode 2: IEEE 802.11g Continuous TX Mode_ANT1

2412 MHz



2437 MHz



2462 MHz



Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT1

2412 MHz



2437 MHz



2462 MHz



Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT1

2422 MHz



2437 MHz



2452 MHz



Reference level

Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT0

2412 MHz



2437 MHz



2462 MHz



Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT0

2422 MHz



2437 MHz



2452 MHz



Mode 1: IEEE 802.11b Continuous TX Mode_ANT1

2412 MHz



2437 MHz



2462 MHz



Mode 2: IEEE 802.11g Continuous TX Mode_ANT1

2412 MHz



2437 MHz



2462 MHz



Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT1

2412 MHz



2437 MHz



2462 MHz



Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT1

2422 MHz



2437 MHz



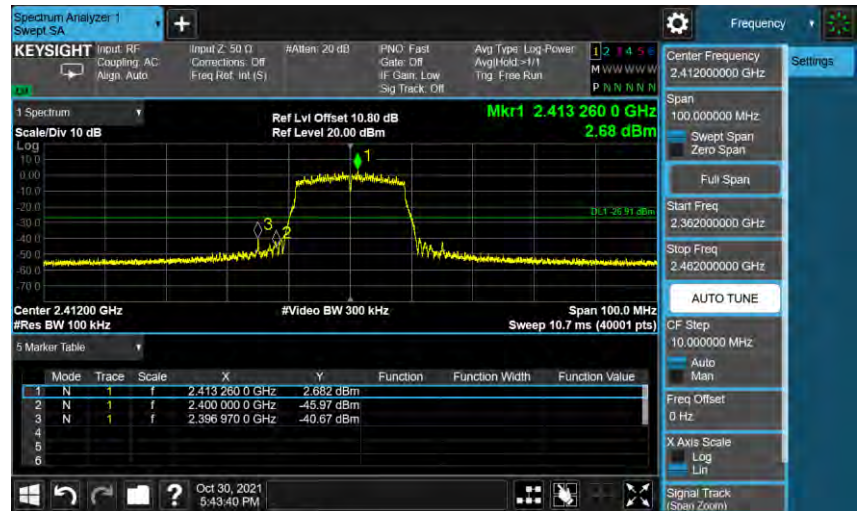
2452 MHz



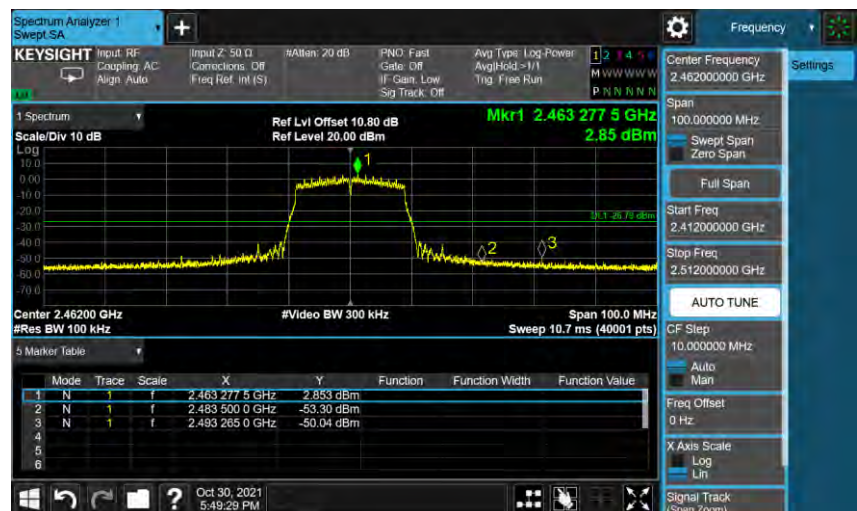
Conducted Band Edge

Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT0

2412 MHz



2462 MHz

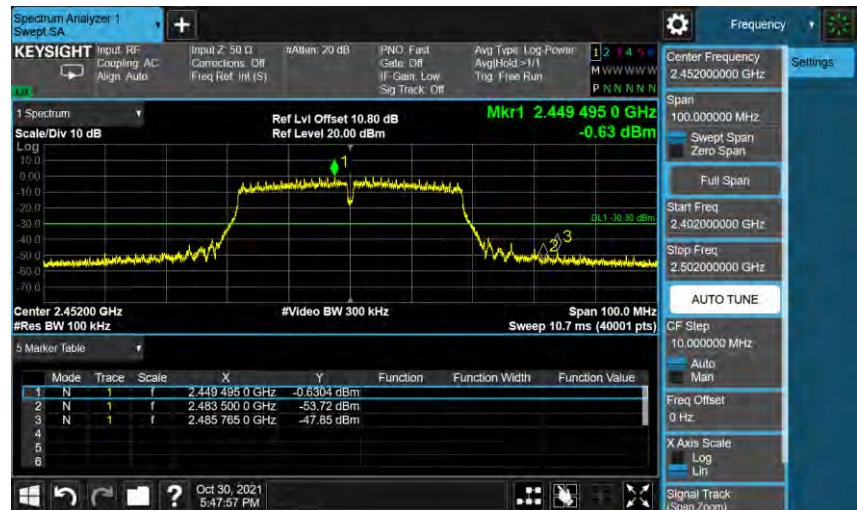


Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT0

2422 MHz



2452 MHz











6 dB Bandwidth

Test Mode	Frequency (MHz)	Measurement (kHz)		Limit (kHz)
		ANT0	ANT1	
Mode 1	2412	---	8573	≥ 500
	2437	---	9068	≥ 500
	2462	---	9022	≥ 500
Mode 2	2412	---	15080	≥ 500
	2437	---	15150	≥ 500
	2462	---	15130	≥ 500
Mode 3	2412	15800	15160	≥ 500
	2437	15410	15140	≥ 500
	2462	16810	15150	≥ 500
Mode 4	2422	35180	35190	≥ 500
	2437	35200	35120	≥ 500
	2452	35190	35160	≥ 500

Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT0

2412 MHz



2437 MHz



2462 MHz



Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT0

2422 MHz



2437 MHz



2452 MHz



Mode 1: IEEE 802.11b Continuous TX Mode_ANT1

2412 MHz



2437 MHz

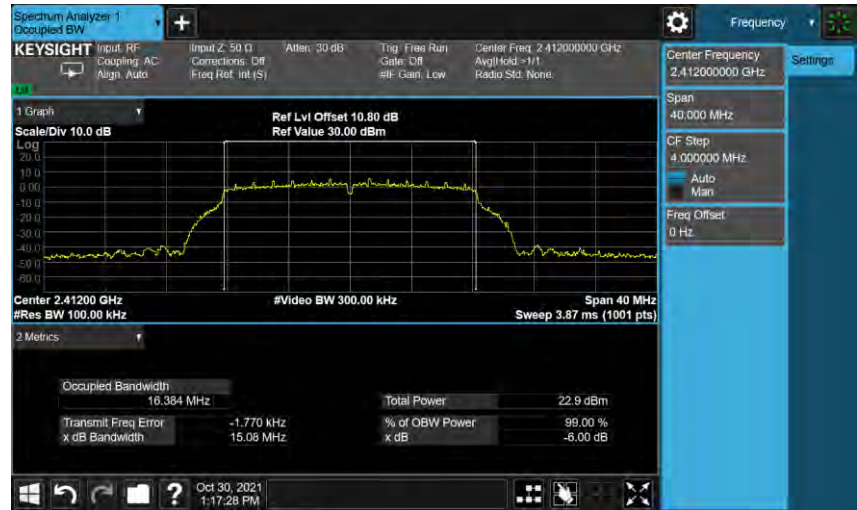


2462 MHz



Mode 2: IEEE 802.11g Continuous TX Mode_ANT1

2412 MHz



2437 MHz

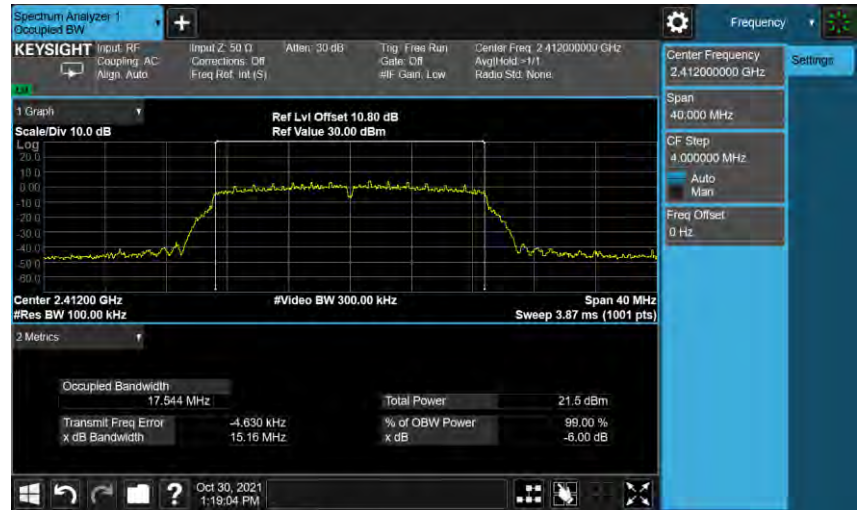


2462 MHz



Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT1

2412 MHz



2437 MHz



2462 MHz



Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT1

2422 MHz



2437 MHz



2452 MHz



Maximum Power Spectral Density

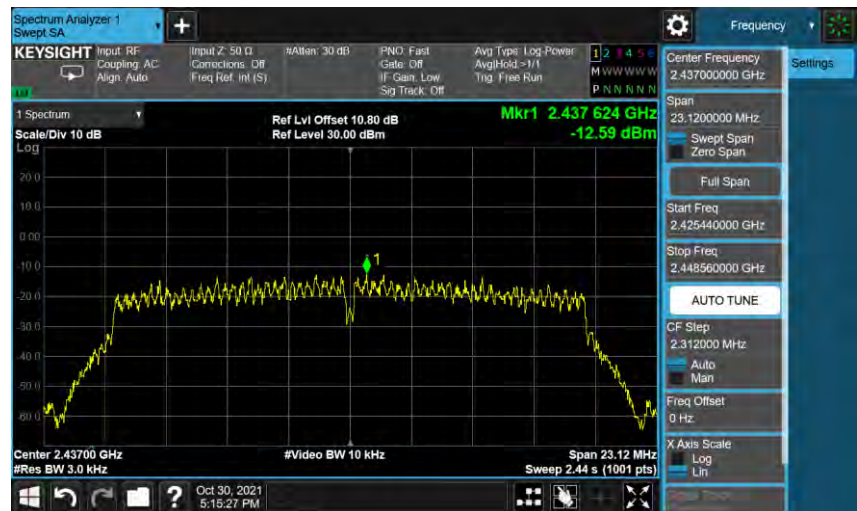
Test Mode	Frequency (MHz)	Measurement (dBm)			Limit (dBm/3 kHz)
		ANT0	ANT1	ANT0+1	
Mode 1	2412	---	-8.070	---	≤ 8.00
	2437	---	-7.800	---	≤ 8.00
	2462	---	-7.950	---	≤ 8.00
Mode 2	2412	---	-8.720	---	≤ 8.00
	2437	---	-9.010	---	≤ 8.00
	2462	---	-9.230	---	≤ 8.00
Mode 3	2412	-12.120	-10.420	-8.177	≤ 8.00
	2437	-12.590	-10.030	-8.114	≤ 8.00
	2462	-11.970	-10.740	-8.301	≤ 8.00
Mode 4	2422	-14.910	-13.720	-11.264	≤ 8.00
	2437	-14.830	-13.680	-11.207	≤ 8.00
	2452	-14.640	-13.650	-11.107	≤ 8.00

Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT0

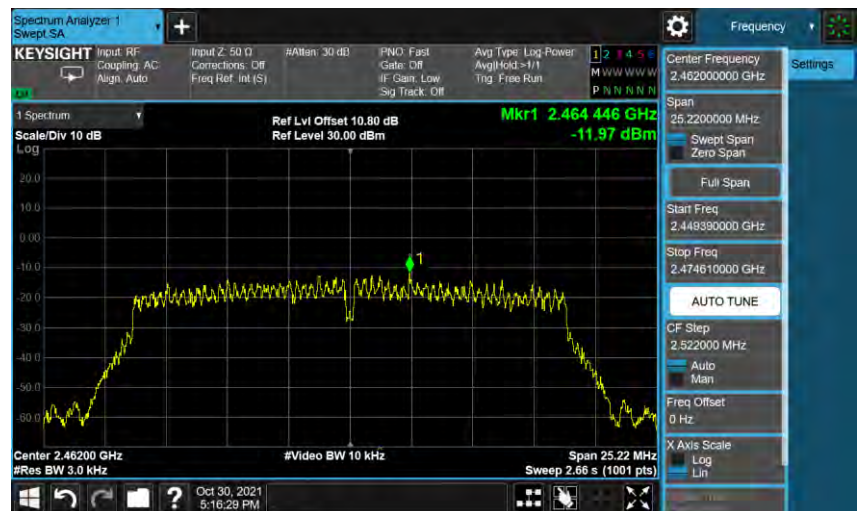
2412 MHz



2437 MHz

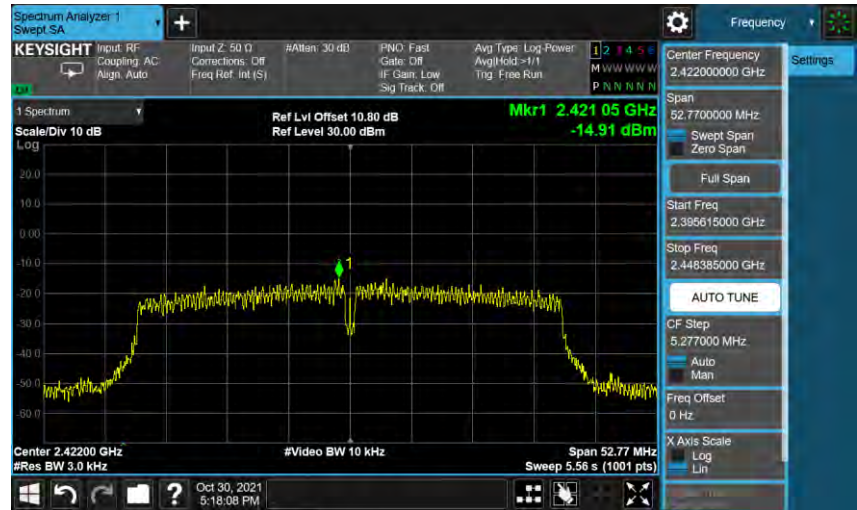


2462 MHz

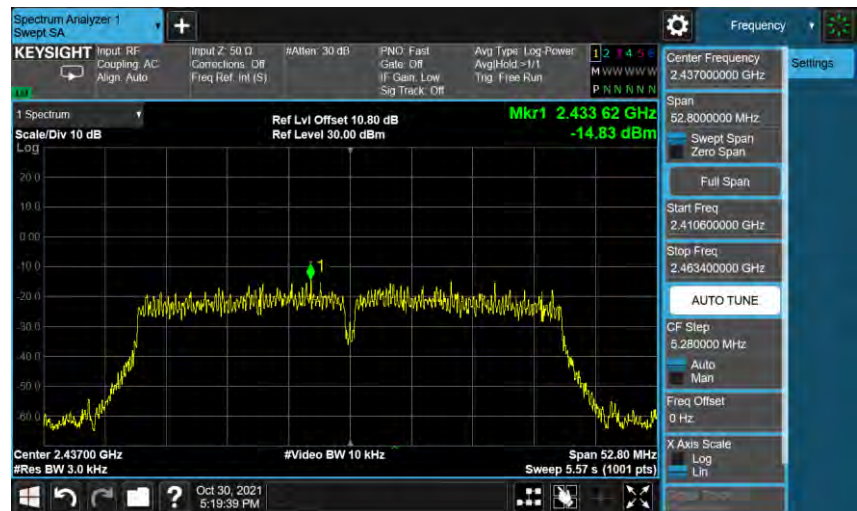


Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT0

2422 MHz



2437 MHz



2452 MHz



Mode 1: IEEE 802.11b Continuous TX Mode_ANT1

2412 MHz



2437 MHz



2462 MHz



Mode 2: IEEE 802.11g Continuous TX Mode_ANT1

2412 MHz



2437 MHz

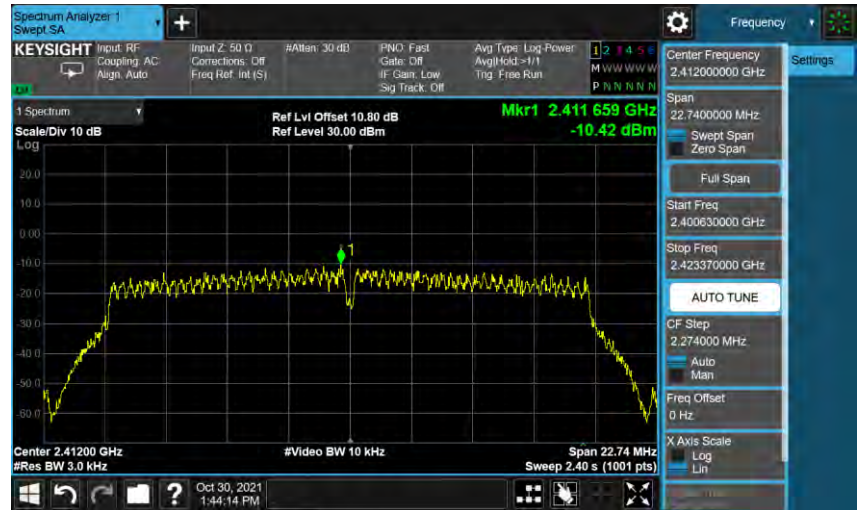


2462 MHz

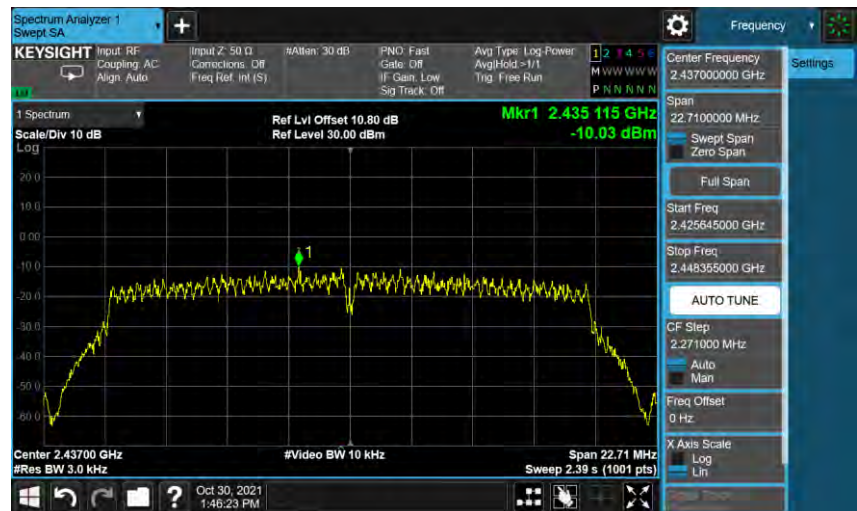


Mode 3: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT1

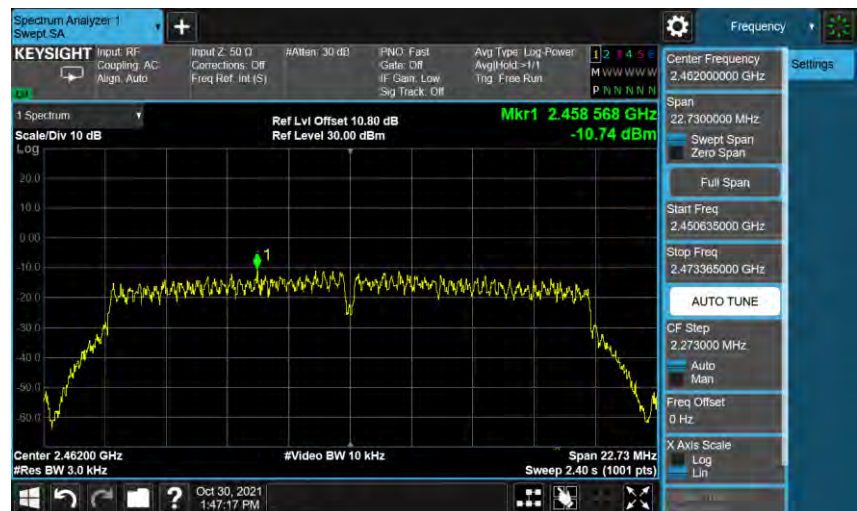
2412 MHz



2437 MHz

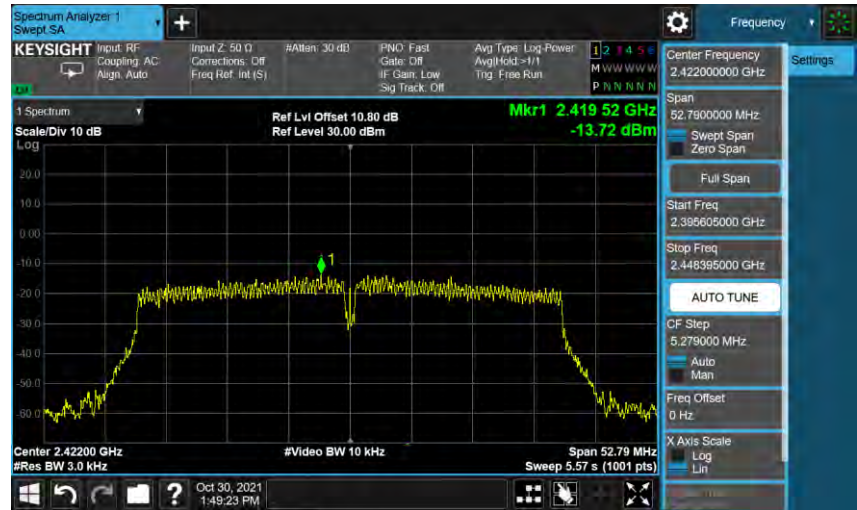


2462 MHz



Mode 4: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT1

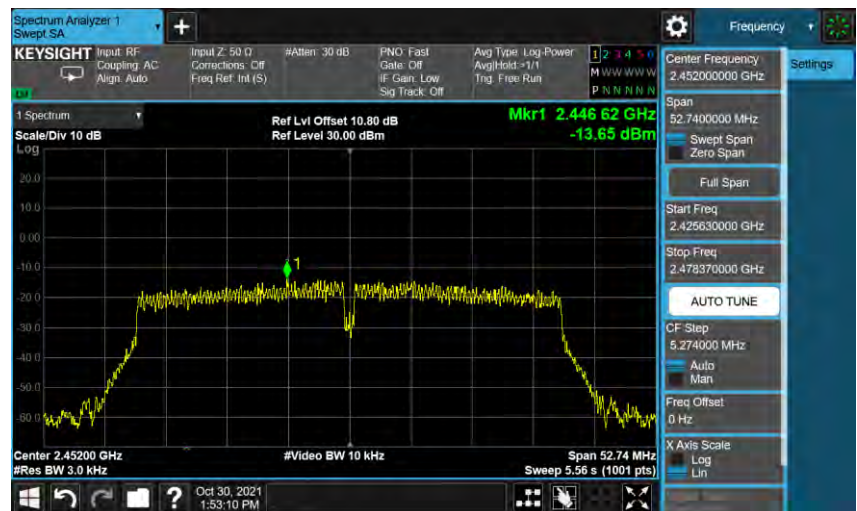
2422 MHz



2437 MHz



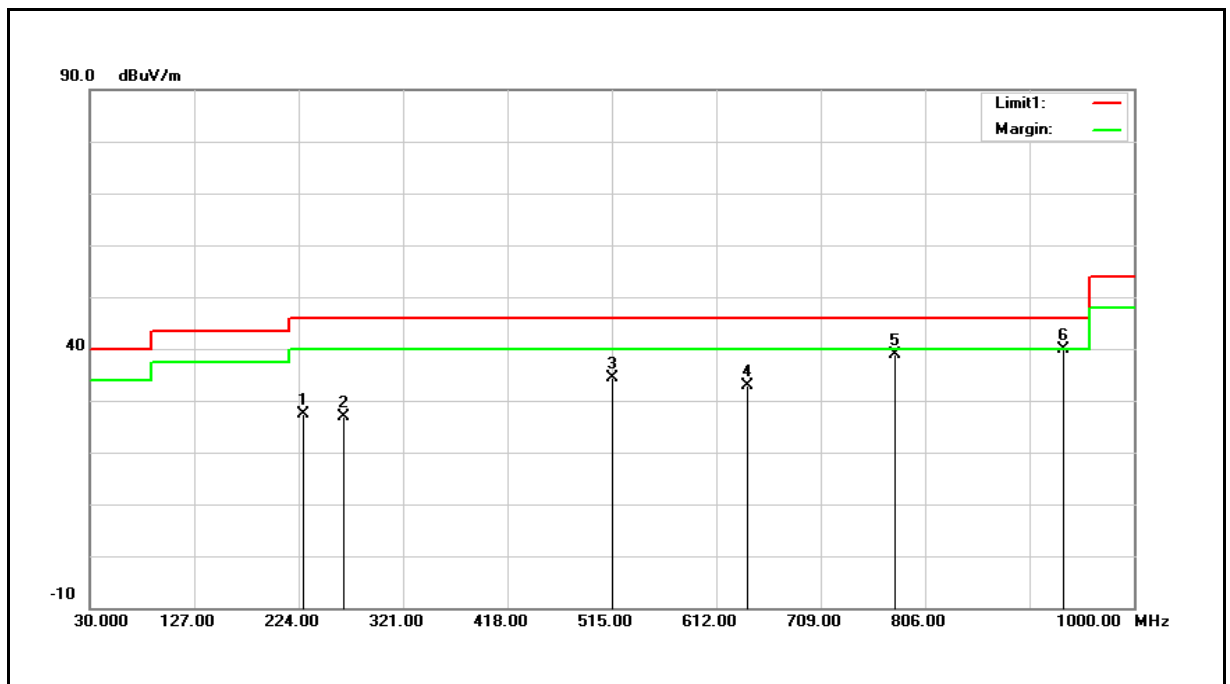
2452 MHz



5.4 Radiated Emission Measurement (5 GHz)

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	5745 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	227.8800	34.16	-6.79	27.37	46.00	-18.63	QP
2	265.7100	31.99	-5.19	26.80	46.00	-19.20	QP
3	515.0000	34.24	0.21	34.45	46.00	-11.55	QP
4	641.1000	29.86	2.94	32.80	46.00	-13.20	QP
5	777.8700	33.20	5.73	38.93	46.00	-7.07	QP
6	935.0100	31.10	8.83	39.93	46.00	-6.07	QP

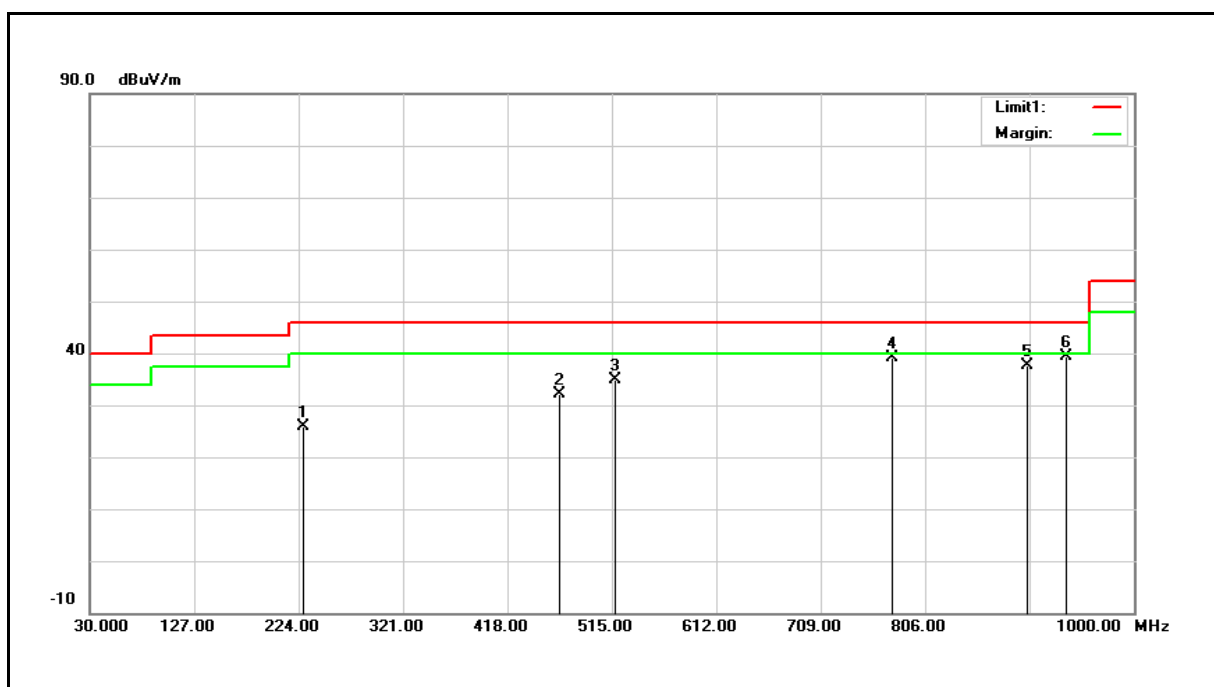
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $27.37 = -6.79 + 34.16$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	5745 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	227.8800	32.63	-6.79	25.84	46.00	-20.16	QP
2	466.5000	32.86	-0.64	32.22	46.00	-13.78	QP
3	517.9100	34.68	0.27	34.95	46.00	-11.05	QP
4	774.9600	33.41	5.68	39.09	46.00	-6.91	QP
5	901.0600	29.56	8.13	37.69	46.00	-8.31	QP
6	936.9500	30.42	8.86	39.28	46.00	-6.72	QP

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

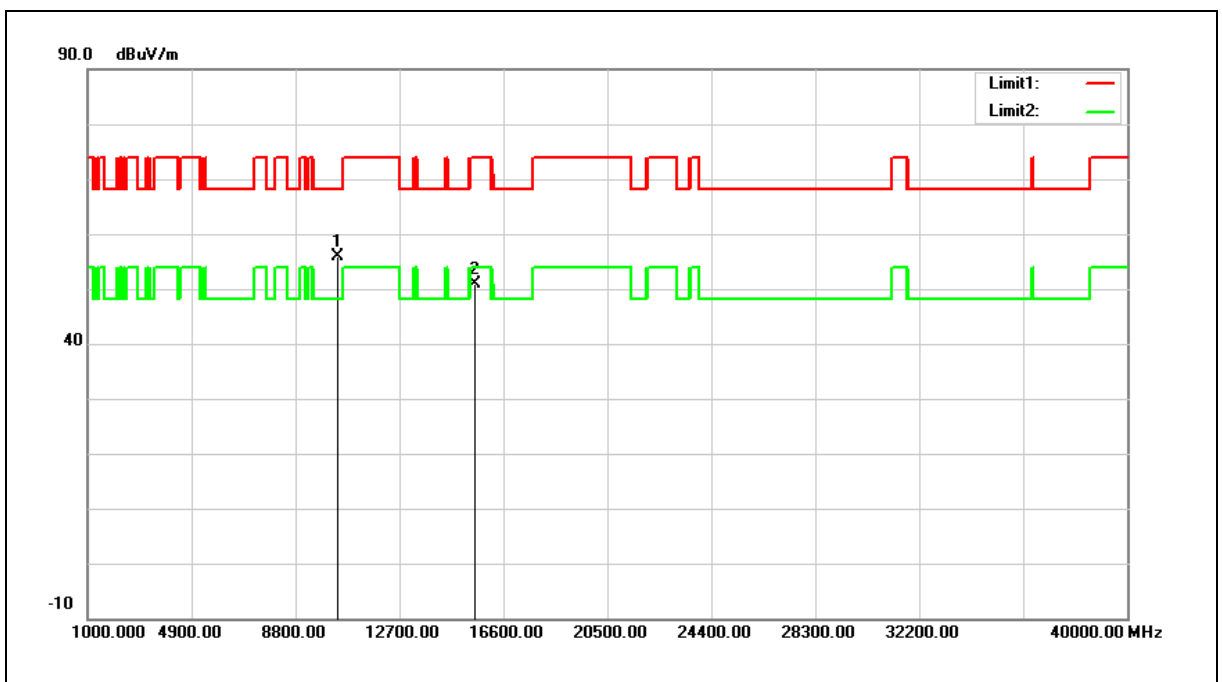
Example: $25.84 = -6.79 + 32.63$

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

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

場強輻射量測 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	39.10	16.87	55.97	68.20	-12.23	peak
2	15540.000	32.48	18.51	50.99	74.00	-23.01	peak

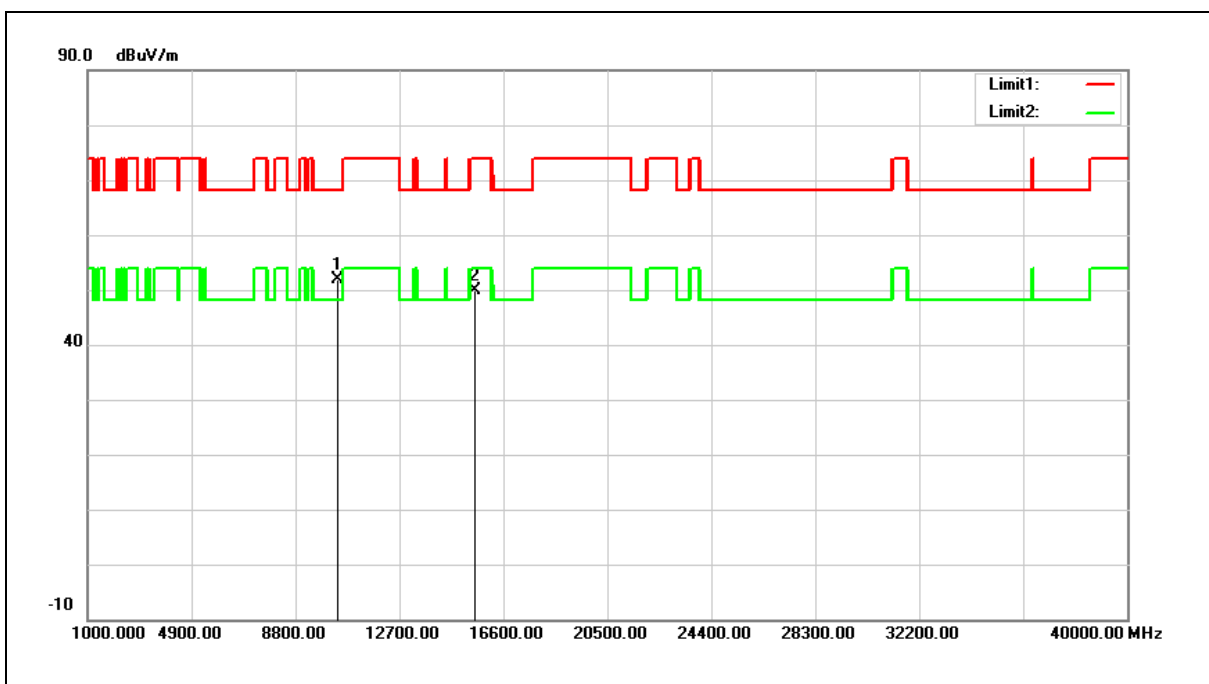
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 55.97 = 16.87 + 39.10

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	35.04	16.87	51.91	68.20	-16.29	peak
2	15540.000	31.26	18.51	49.77	74.00	-24.23	peak

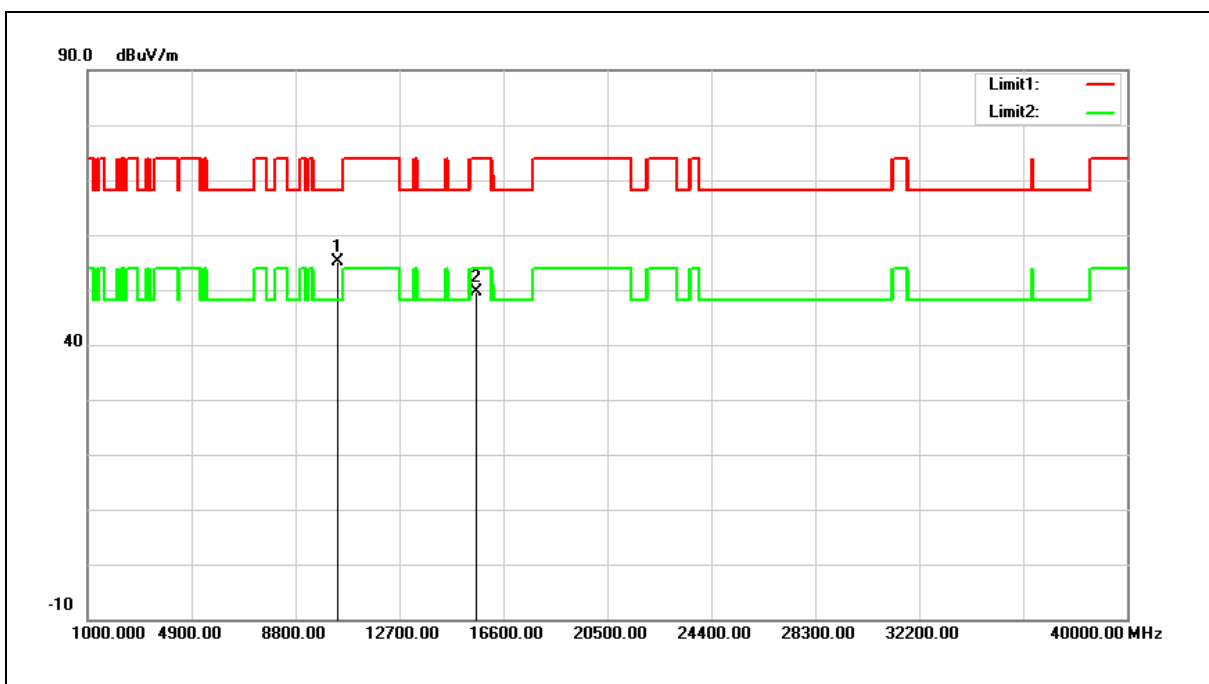
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $51.91 = 16.87 + 35.04$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



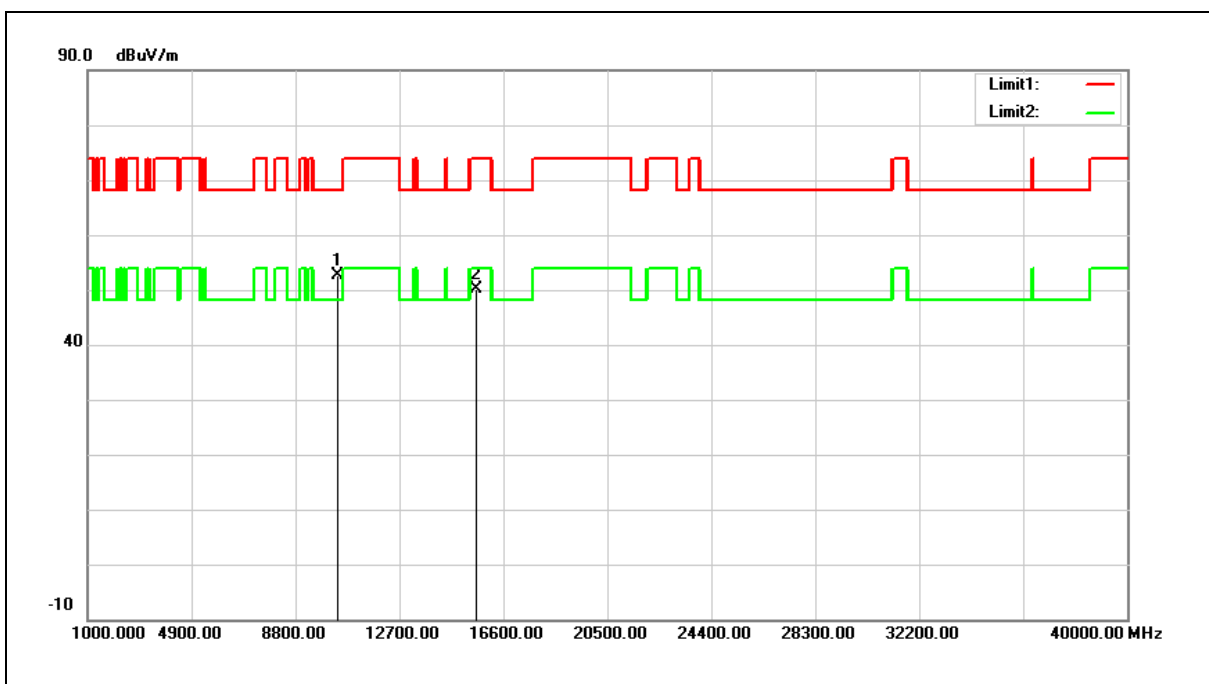
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	38.14	16.95	55.09	68.20	-13.11	peak
2	15600.000	31.21	18.35	49.56	74.00	-24.44	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



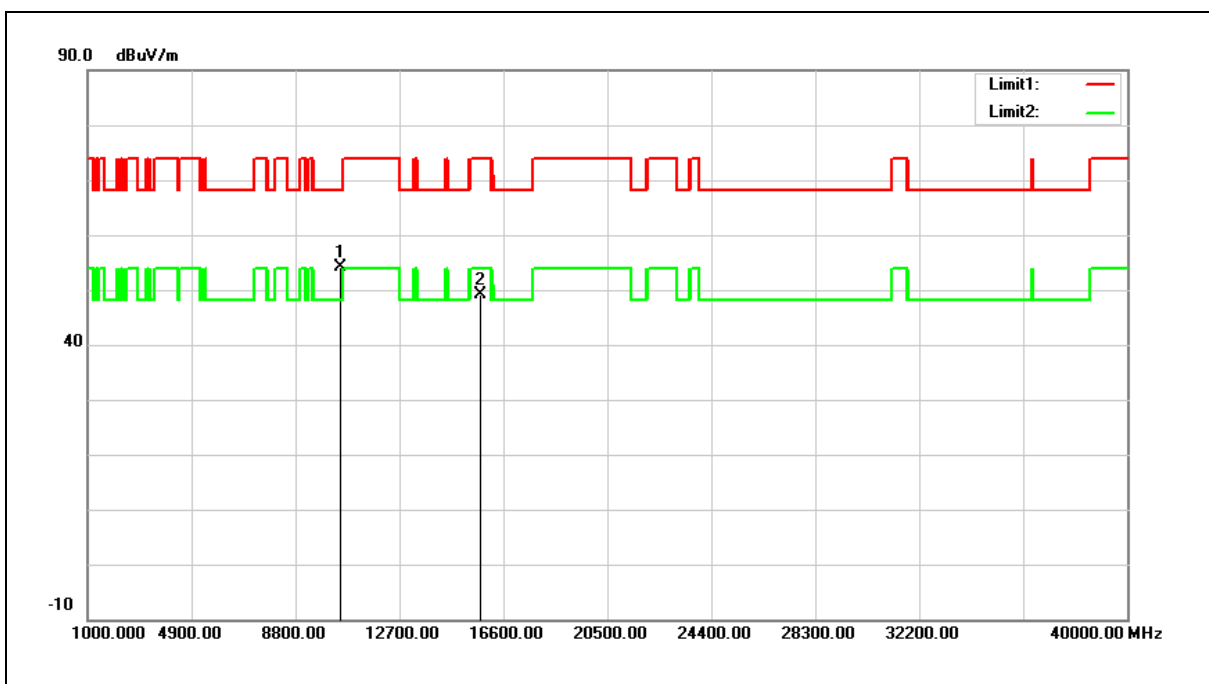
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	35.62	16.95	52.57	68.20	-15.63	peak
2	15600.000	31.79	18.35	50.14	74.00	-23.86	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



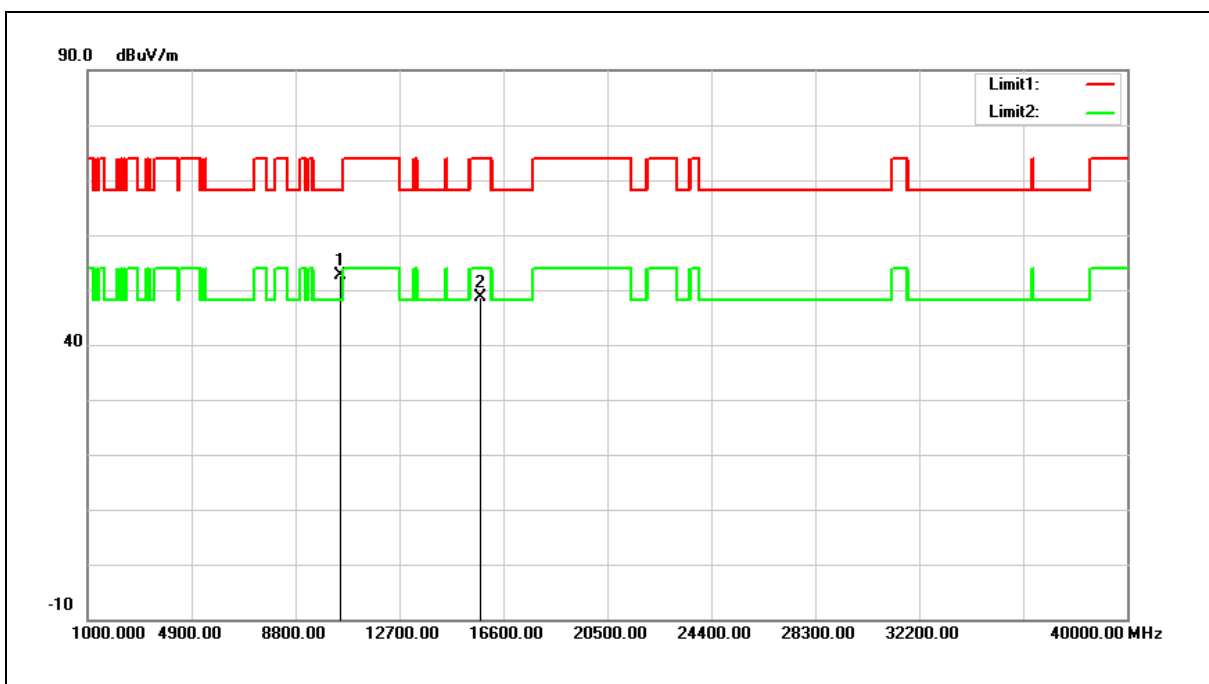
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	36.93	17.12	54.05	68.20	-14.15	peak
2	15720.000	31.16	18.00	49.16	74.00	-24.84	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



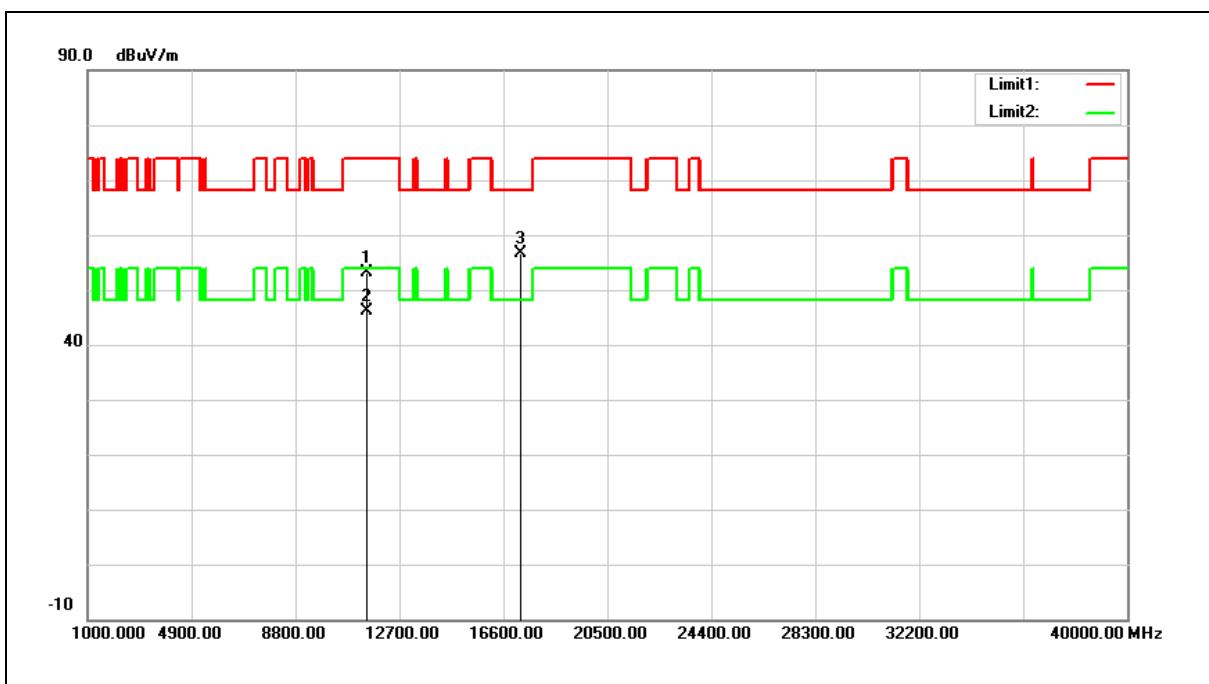
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	35.43	17.12	52.55	68.20	-15.65	peak
2	15720.000	30.66	18.00	48.66	74.00	-25.34	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



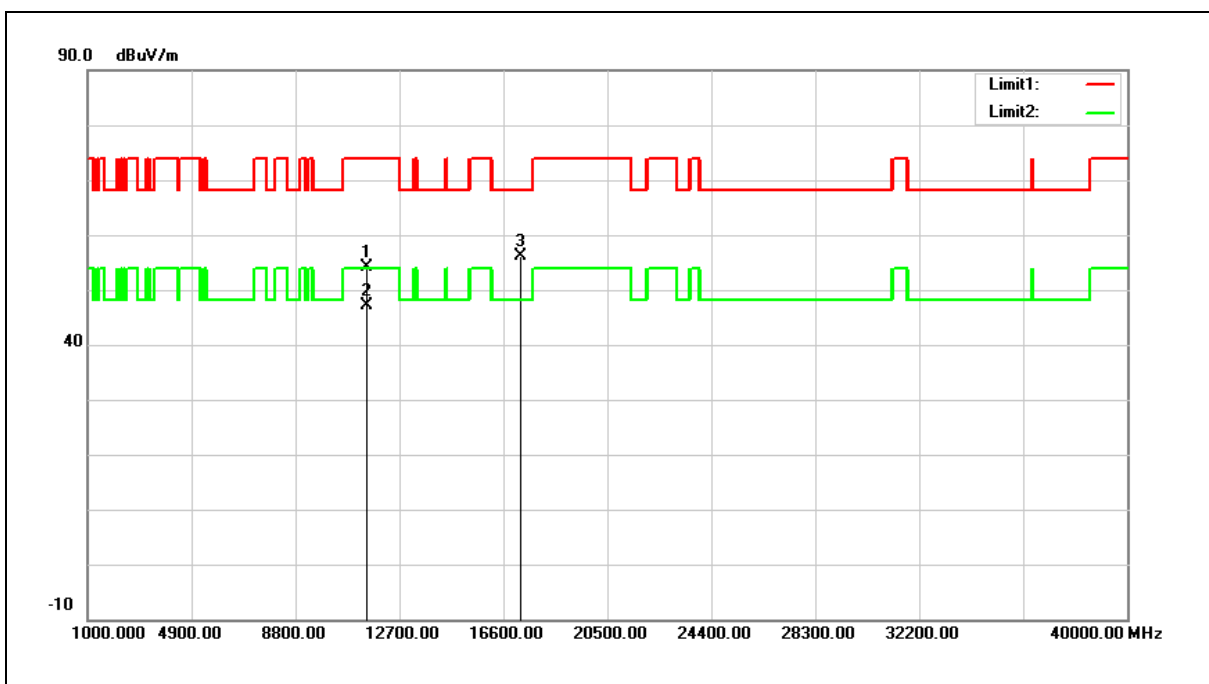
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	34.69	18.50	53.19	74.00	-20.81	peak
2	11490.000	27.74	18.50	46.24	54.00	-7.76	AVG
3	17235.000	32.36	24.29	56.65	68.20	-11.55	peak

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		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



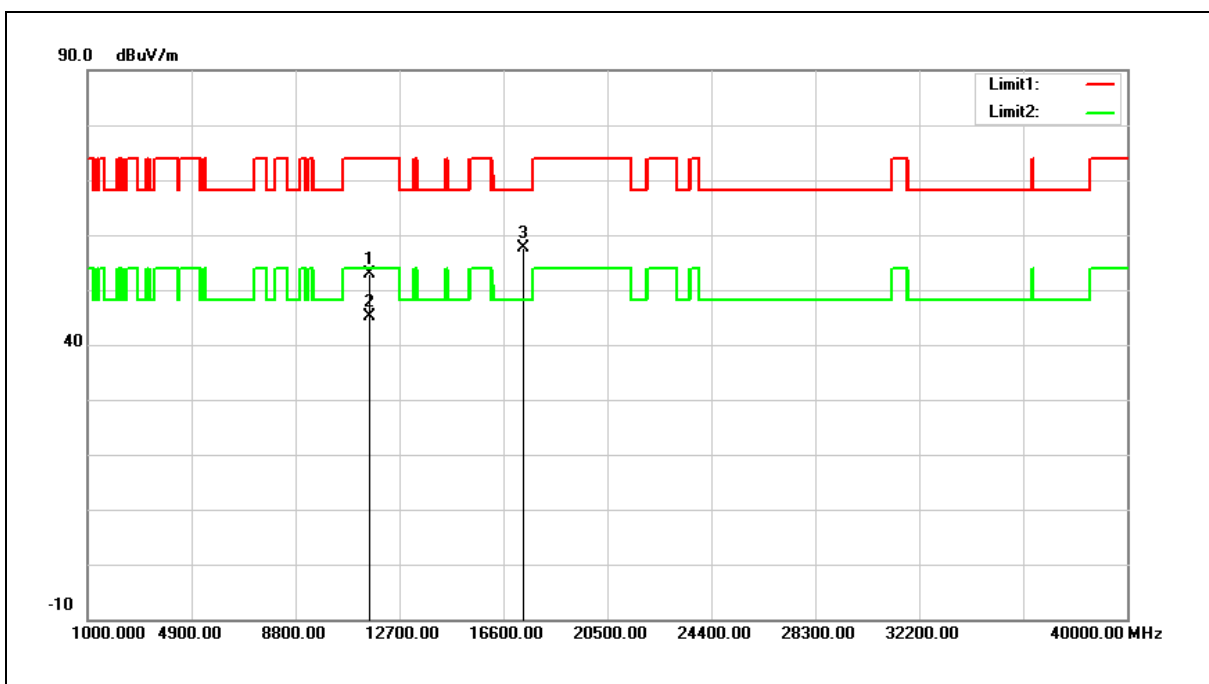
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	35.52	18.50	54.02	74.00	-19.98	peak
2	11490.000	28.67	18.50	47.17	54.00	-6.83	AVG
3	17235.000	31.87	24.29	56.16	68.20	-12.04	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



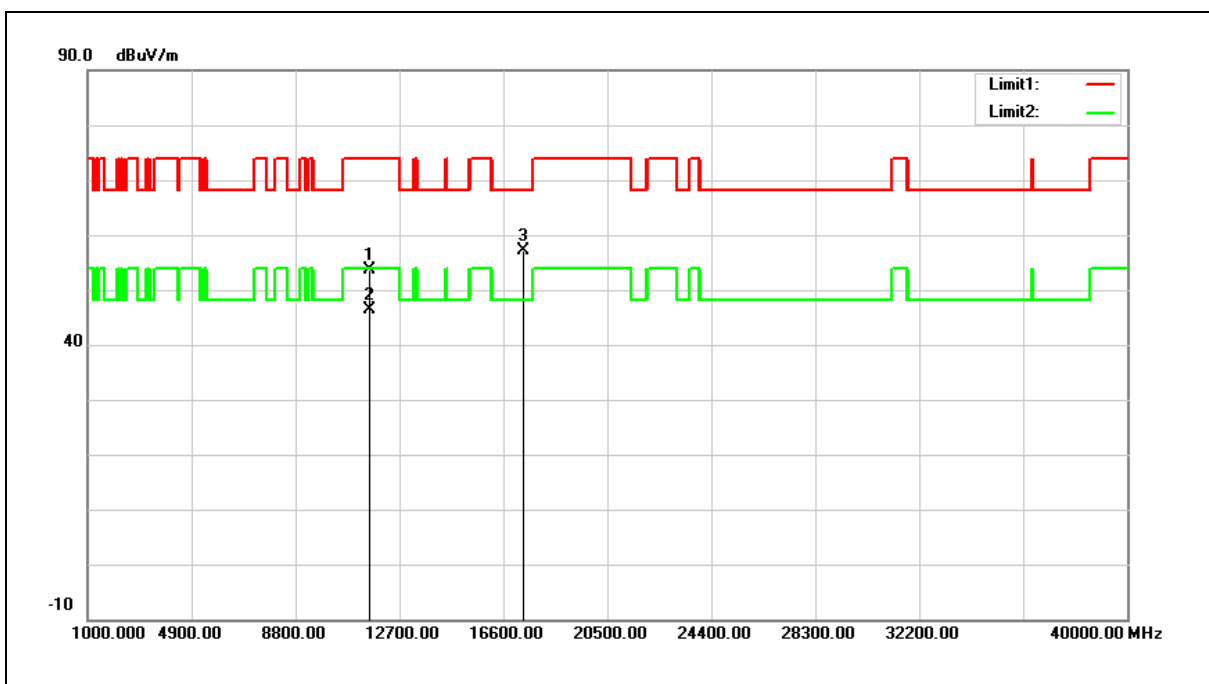
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	34.35	18.43	52.78	74.00	-21.22	peak
2	11570.000	26.75	18.43	45.18	54.00	-8.82	AVG
3	17355.000	32.60	24.95	57.55	68.20	-10.65	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



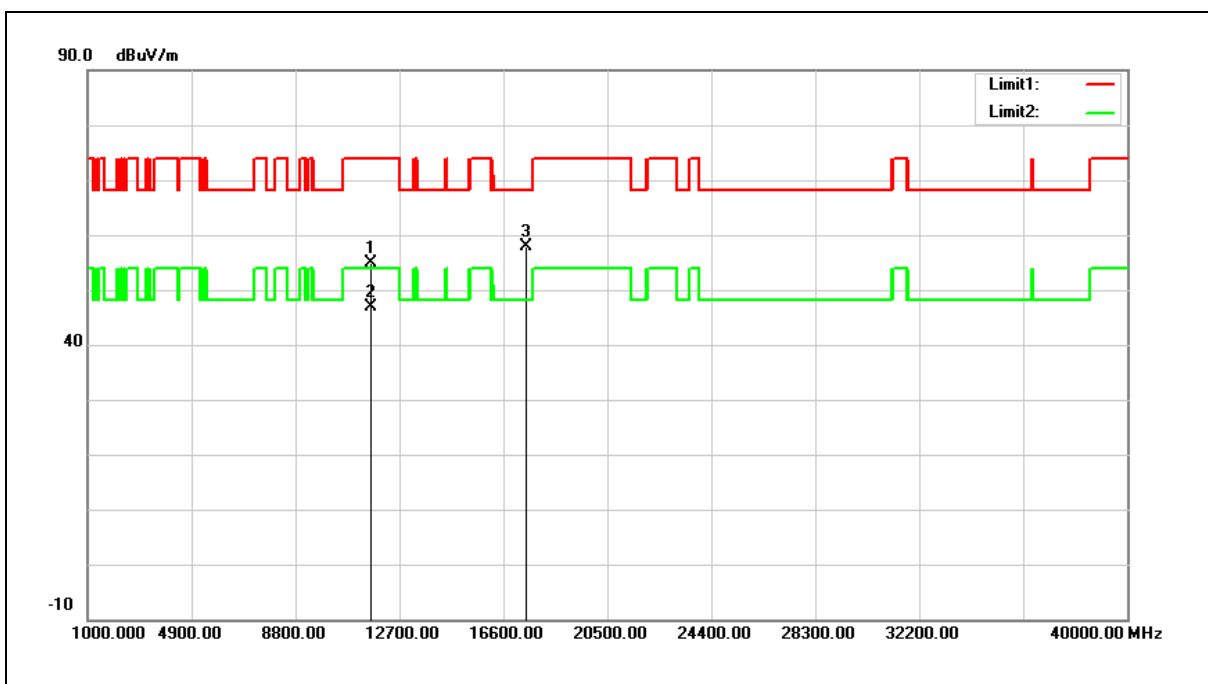
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	35.11	18.43	53.54	74.00	-20.46	peak
2	11570.000	27.89	18.43	46.32	54.00	-7.68	AVG
3	17355.000	32.11	24.95	57.06	68.20	-11.14	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



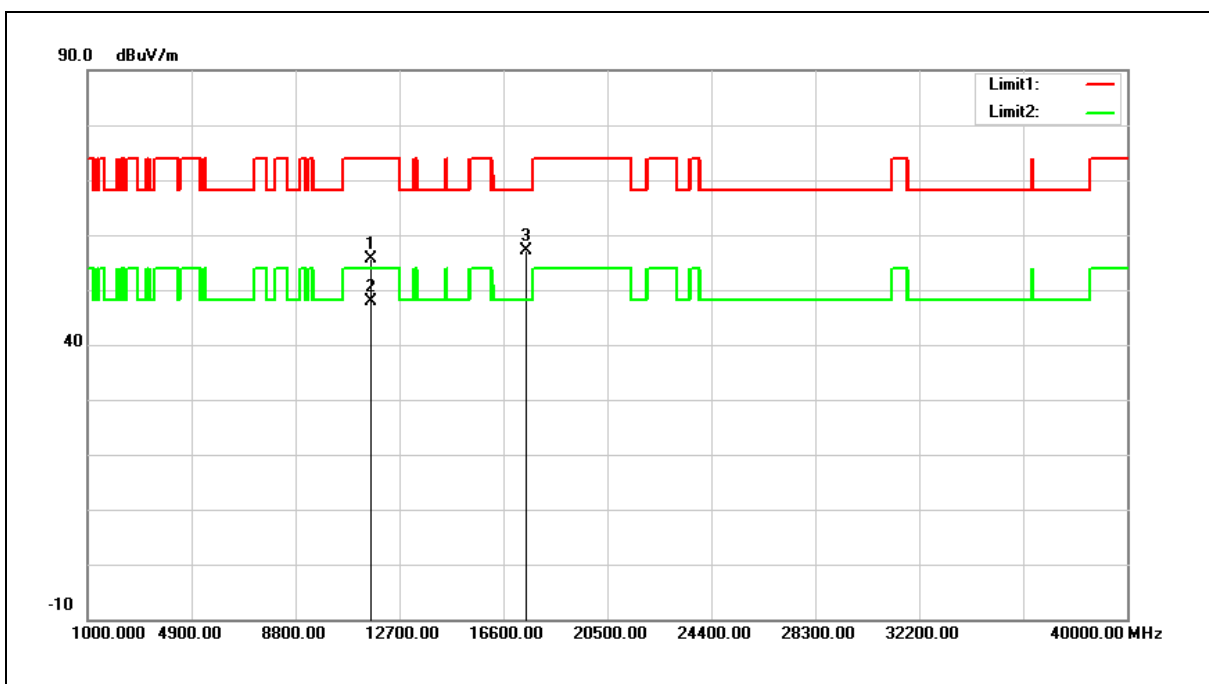
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	36.54	18.36	54.90	74.00	-19.10	peak
2	11650.000	28.47	18.36	46.83	54.00	-7.17	AVG
3	17475.000	32.24	25.60	57.84	68.20	-10.36	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



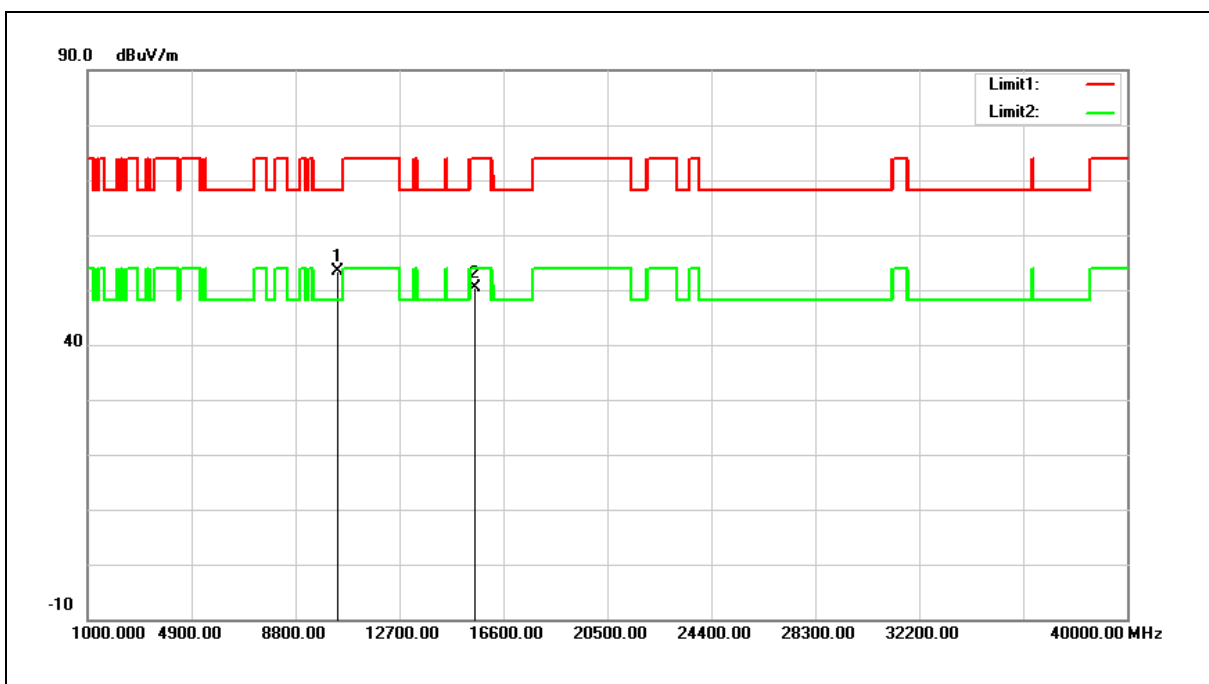
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	37.32	18.36	55.68	74.00	-18.32	peak
2	11650.000	29.48	18.36	47.84	54.00	-6.16	AVG
3	17475.000	31.62	25.60	57.22	68.20	-10.98	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



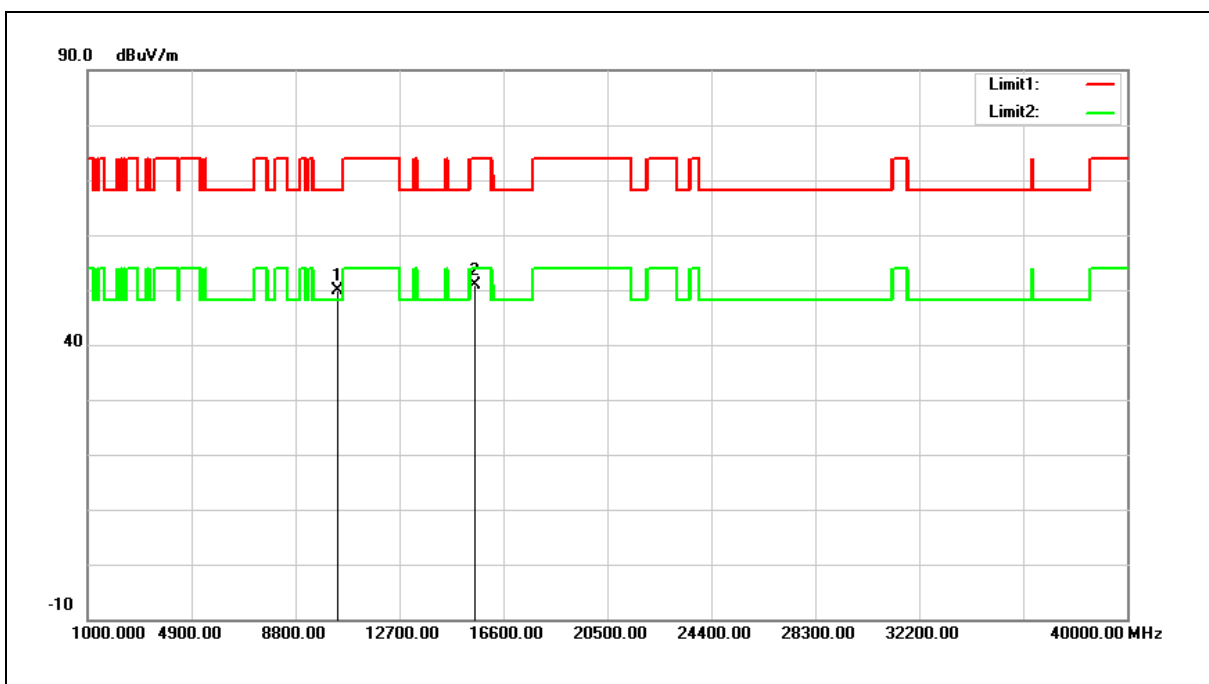
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	36.39	16.87	53.26	68.20	-14.94	peak
2	15540.000	31.78	18.51	50.29	74.00	-23.71	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



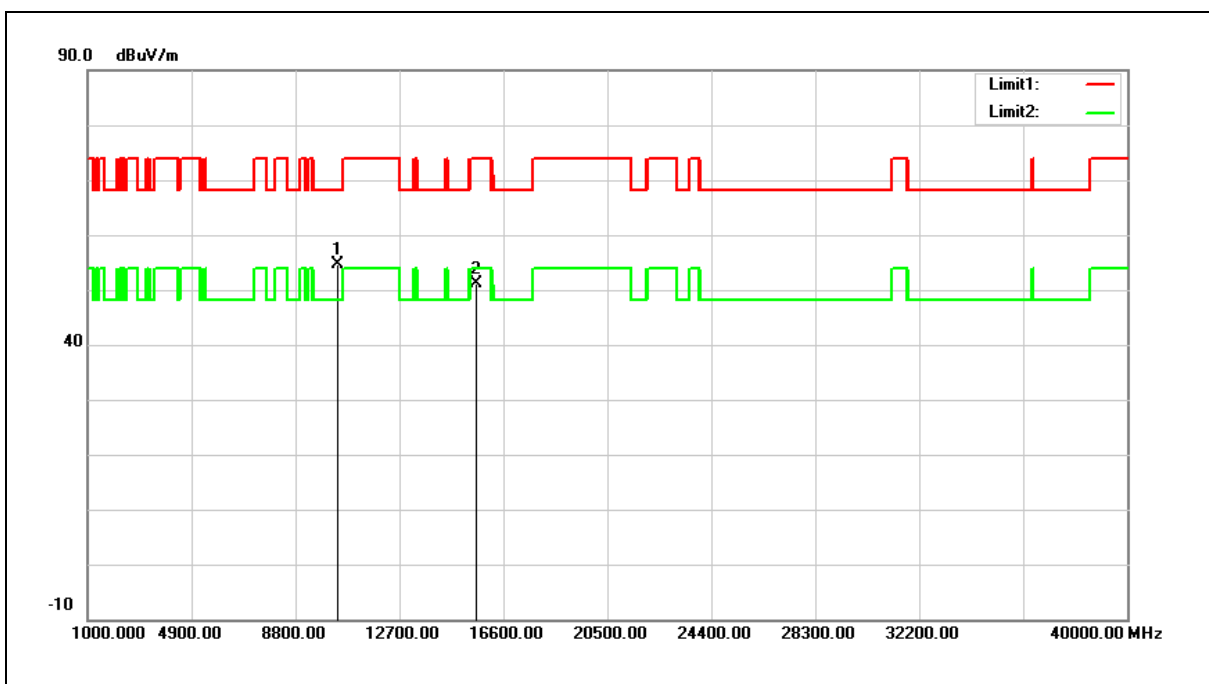
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	33.10	16.87	49.97	68.20	-18.23	peak
2	15540.000	32.35	18.51	50.86	74.00	-23.14	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



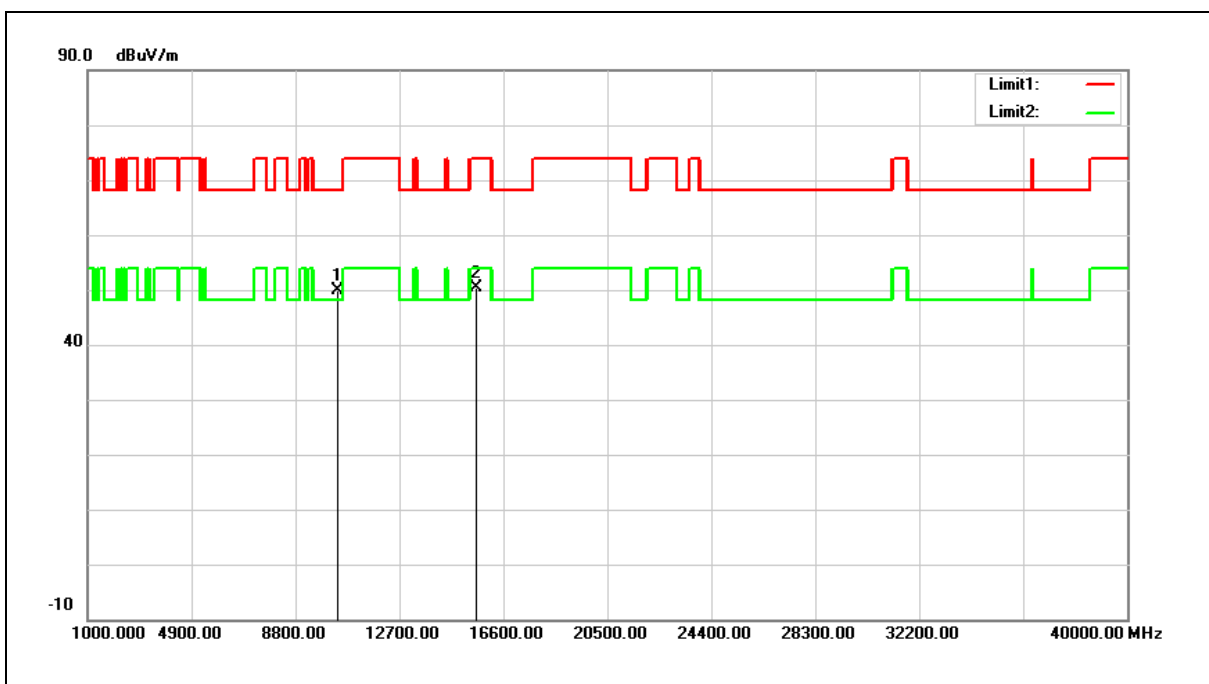
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	37.62	16.95	54.57	68.20	-13.63	peak
2	15600.000	32.81	18.35	51.16	74.00	-22.84	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



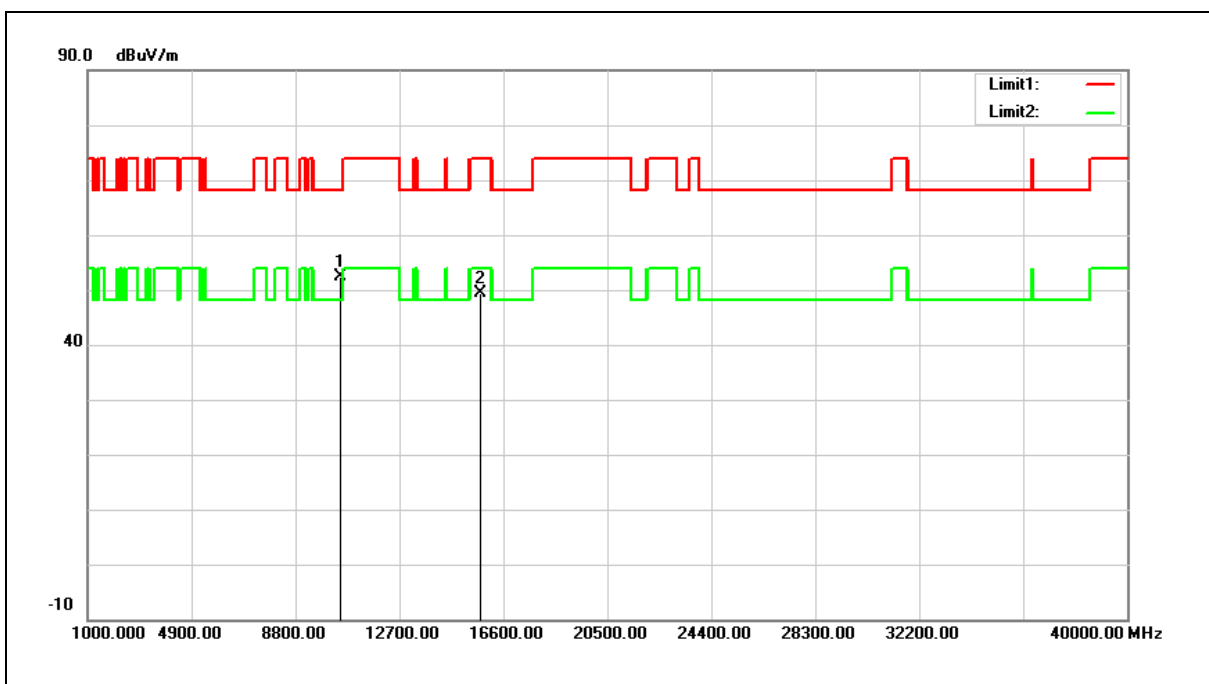
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	32.97	16.95	49.92	68.20	-18.28	peak
2	15600.000	31.94	18.35	50.29	74.00	-23.71	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



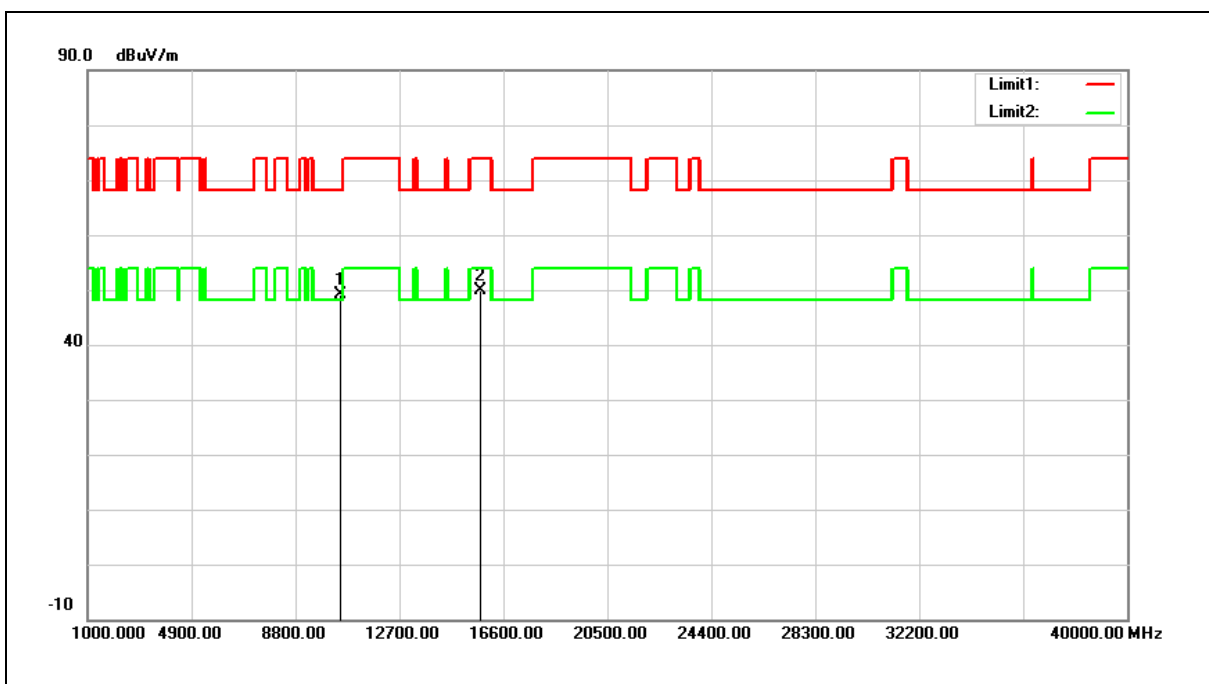
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	35.36	17.12	52.48	68.20	-15.72	peak
2	15720.000	31.33	18.00	49.33	74.00	-24.67	peak

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		
Frequency:	5240 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



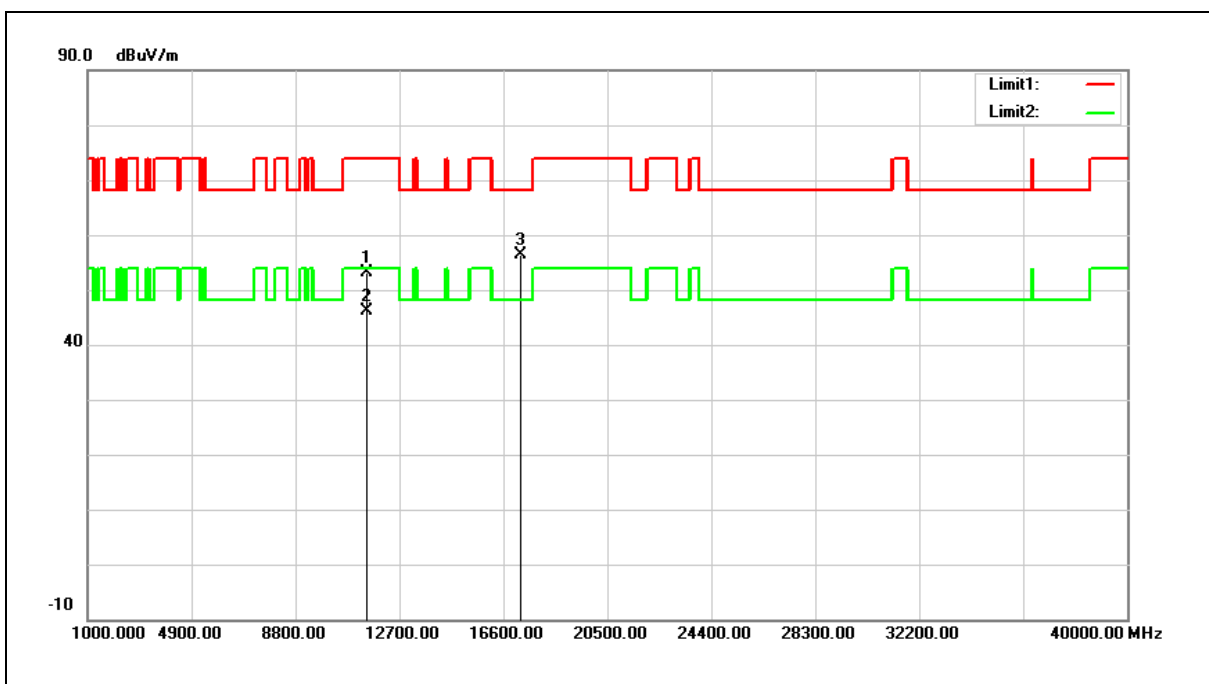
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	31.94	17.12	49.06	68.20	-19.14	peak
2	15720.000	31.84	18.00	49.84	74.00	-24.16	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



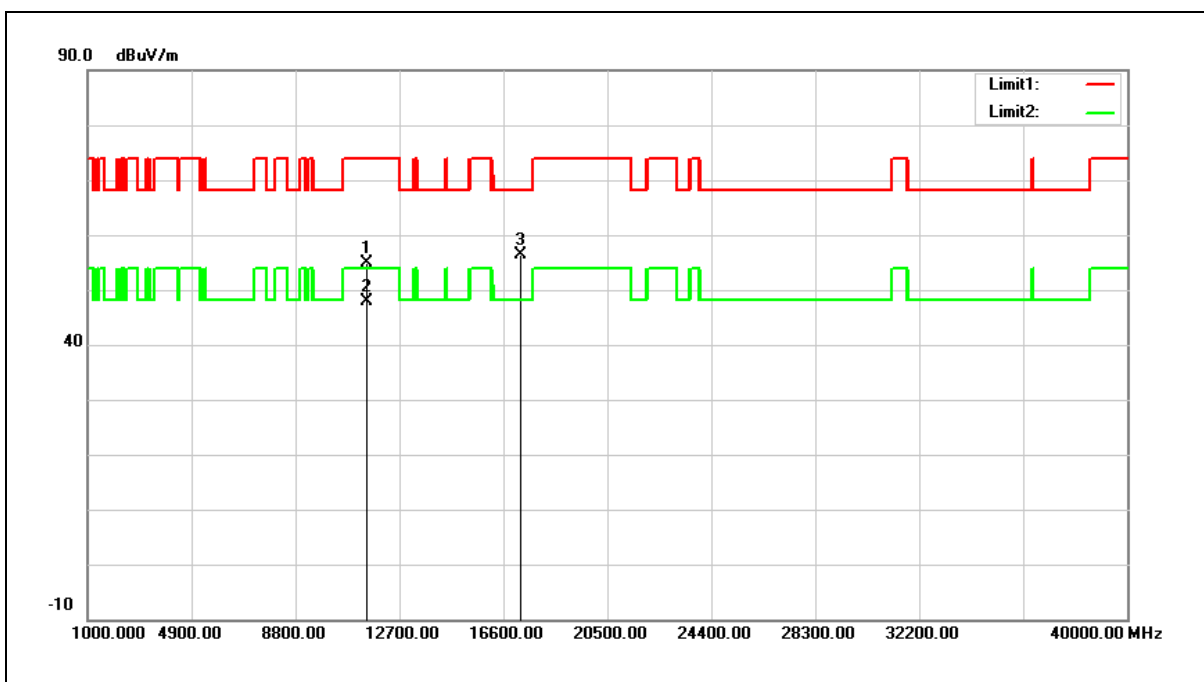
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	34.63	18.50	53.13	74.00	-20.87	peak
2	11490.000	27.59	18.50	46.09	54.00	-7.91	AVG
3	17235.000	32.18	24.29	56.47	68.20	-11.73	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



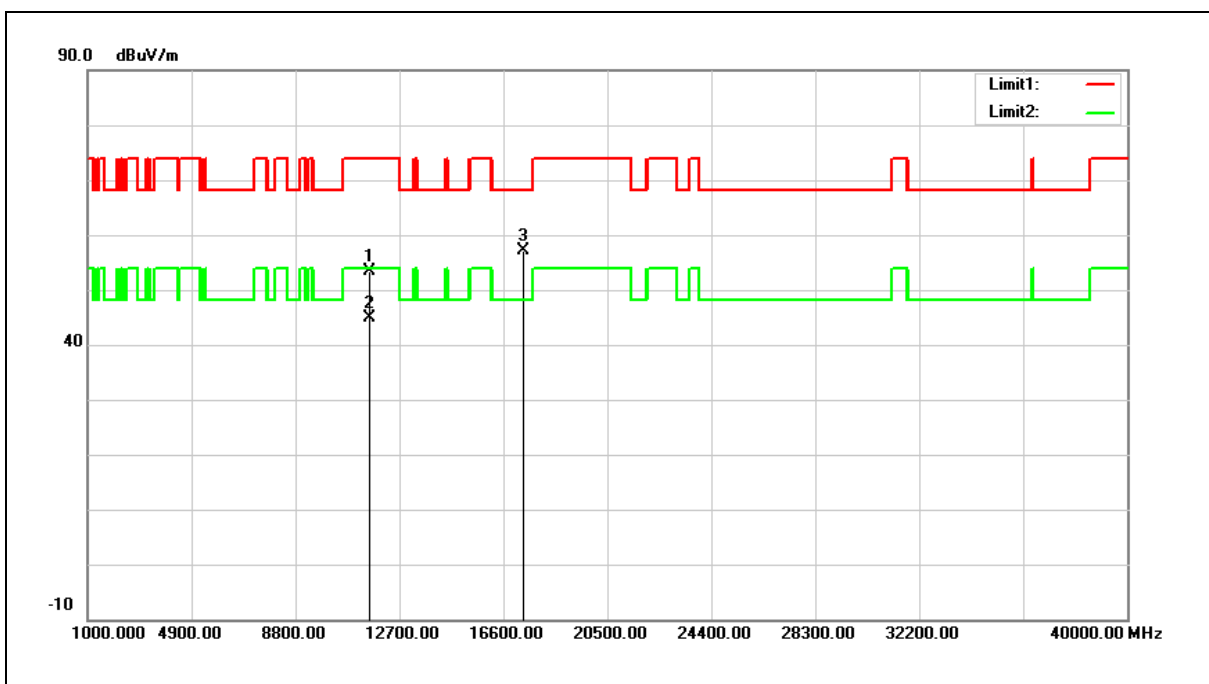
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	36.37	18.50	54.87	74.00	-19.13	peak
2	11490.000	29.34	18.50	47.84	54.00	-6.16	AVG
3	17235.000	32.04	24.29	56.33	68.20	-11.87	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



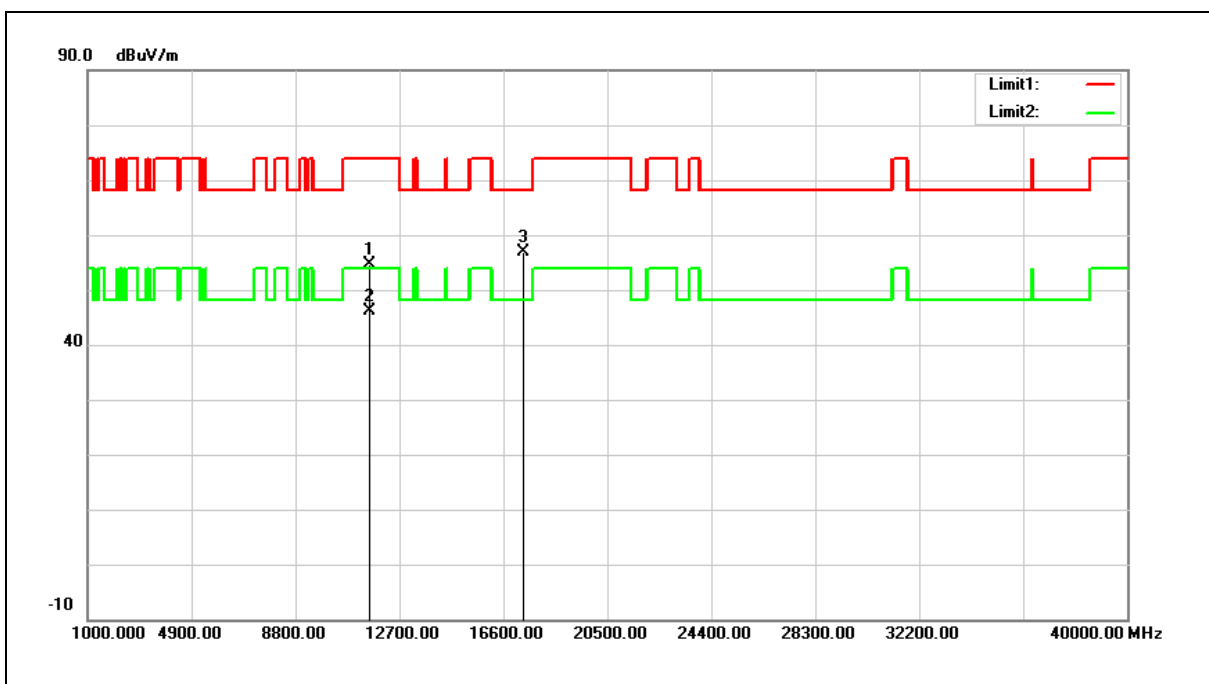
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	34.90	18.43	53.33	74.00	-20.67	peak
2	11570.000	26.53	18.43	44.96	54.00	-9.04	AVG
3	17355.000	32.22	24.95	57.17	68.20	-11.03	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



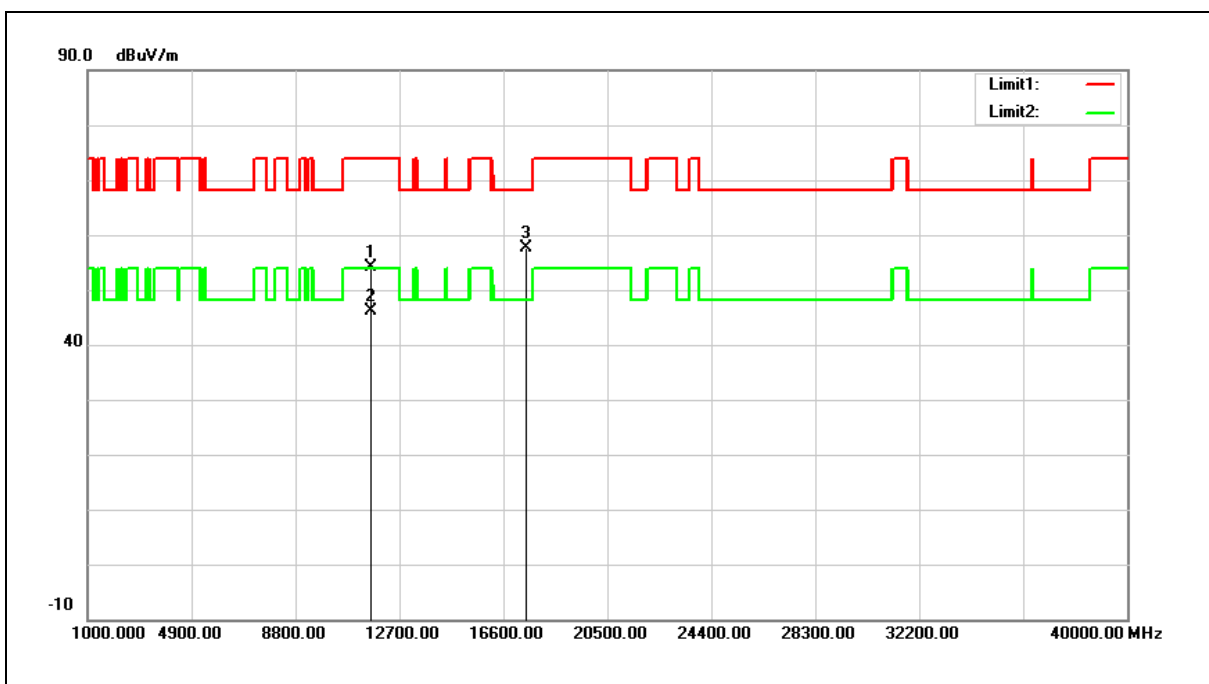
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	36.31	18.43	54.74	74.00	-19.26	peak
2	11570.000	27.78	18.43	46.21	54.00	-7.79	AVG
3	17355.000	31.86	24.95	56.81	68.20	-11.39	peak

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:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



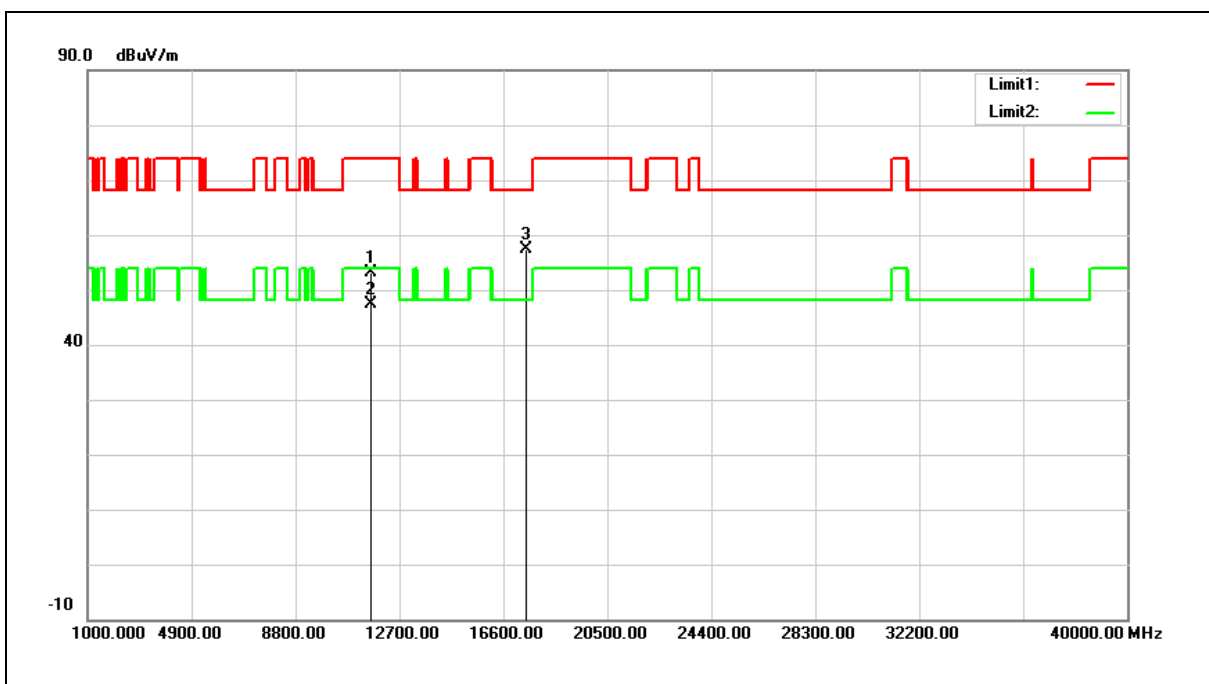
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	35.67	18.36	54.03	74.00	-19.97	peak
2	11650.000	27.82	18.36	46.18	54.00	-7.82	AVG
3	17475.000	32.13	25.60	57.73	68.20	-10.47	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



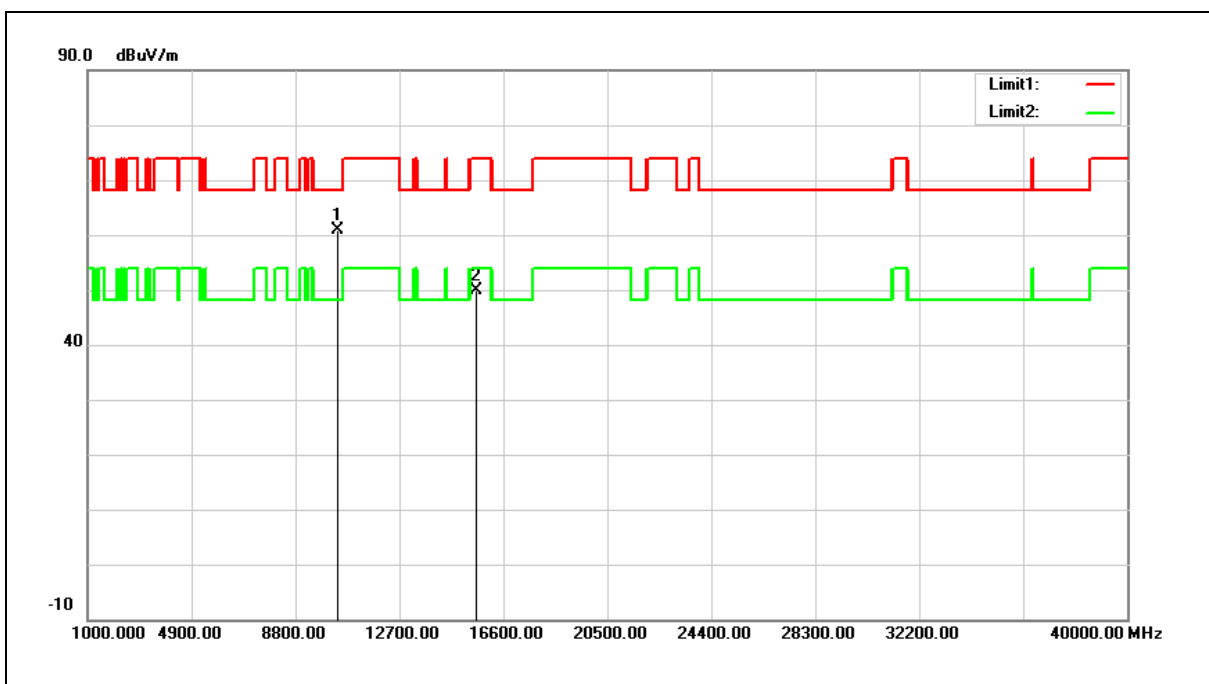
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	34.69	18.36	53.05	74.00	-20.95	peak
2	11650.000	28.92	18.36	47.28	54.00	-6.72	AVG
3	17475.000	31.66	25.60	57.26	68.20	-10.94	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



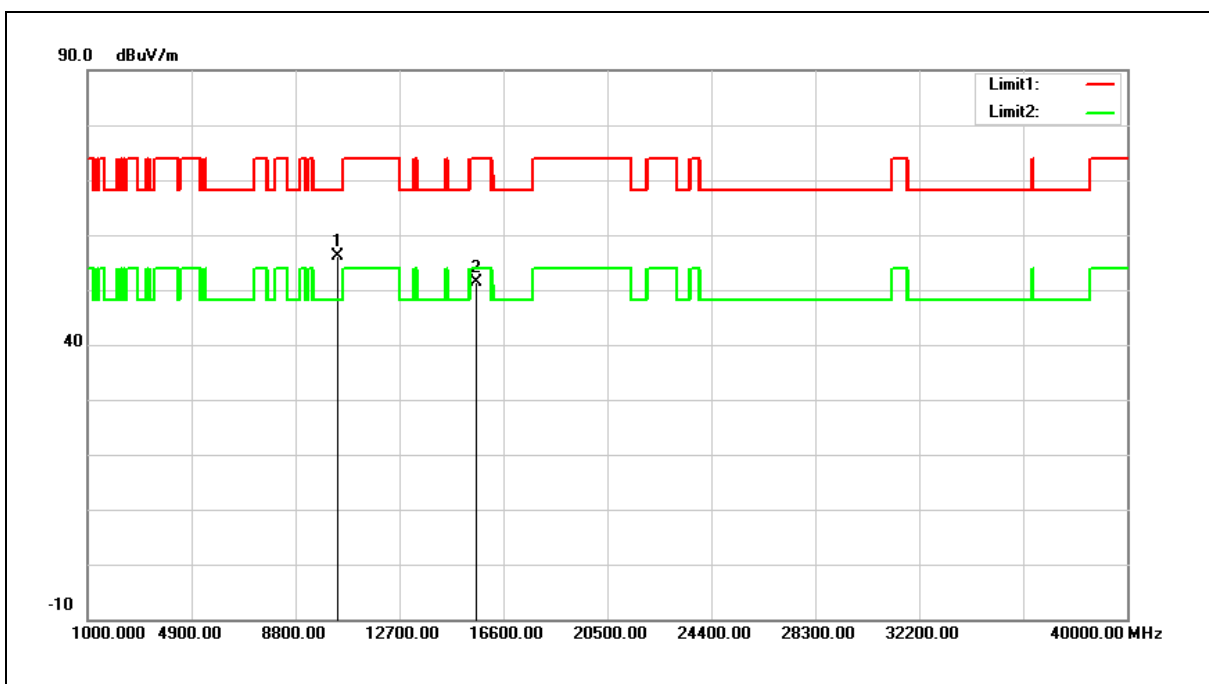
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	43.91	16.90	60.81	68.20	-7.39	peak
2	15570.000	31.41	18.43	49.84	74.00	-24.16	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



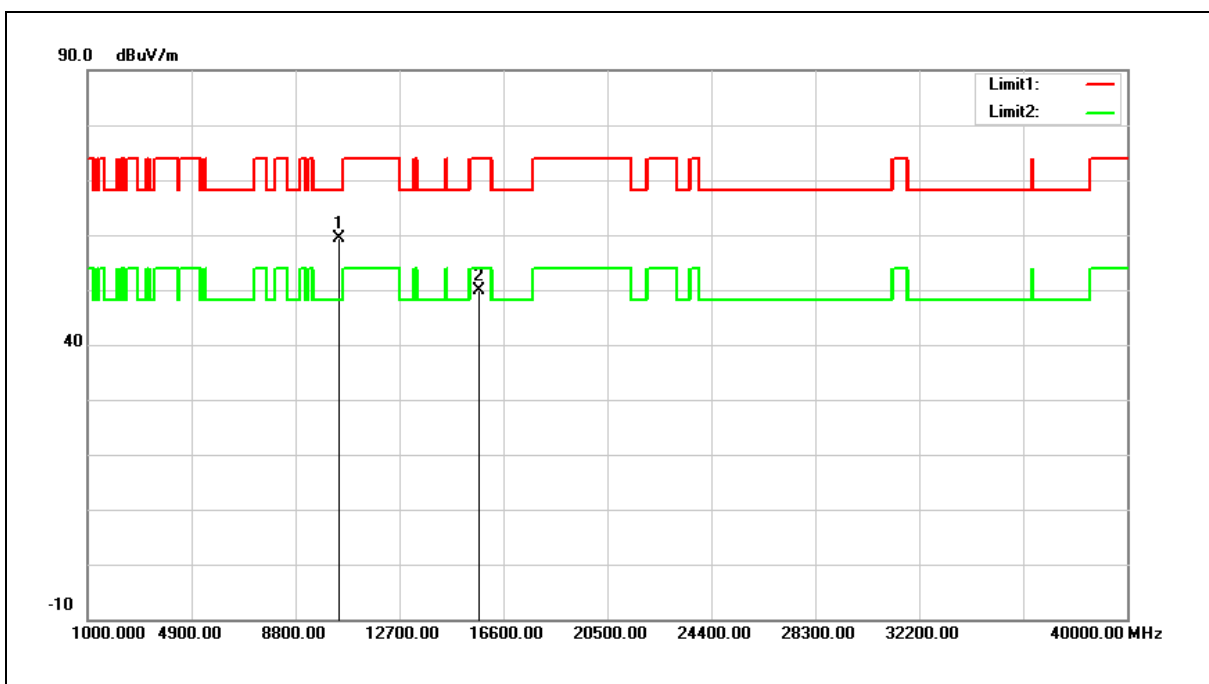
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	39.14	16.90	56.04	68.20	-12.16	peak
2	15570.000	32.94	18.43	51.37	74.00	-22.63	peak

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		
Frequency:	5230 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



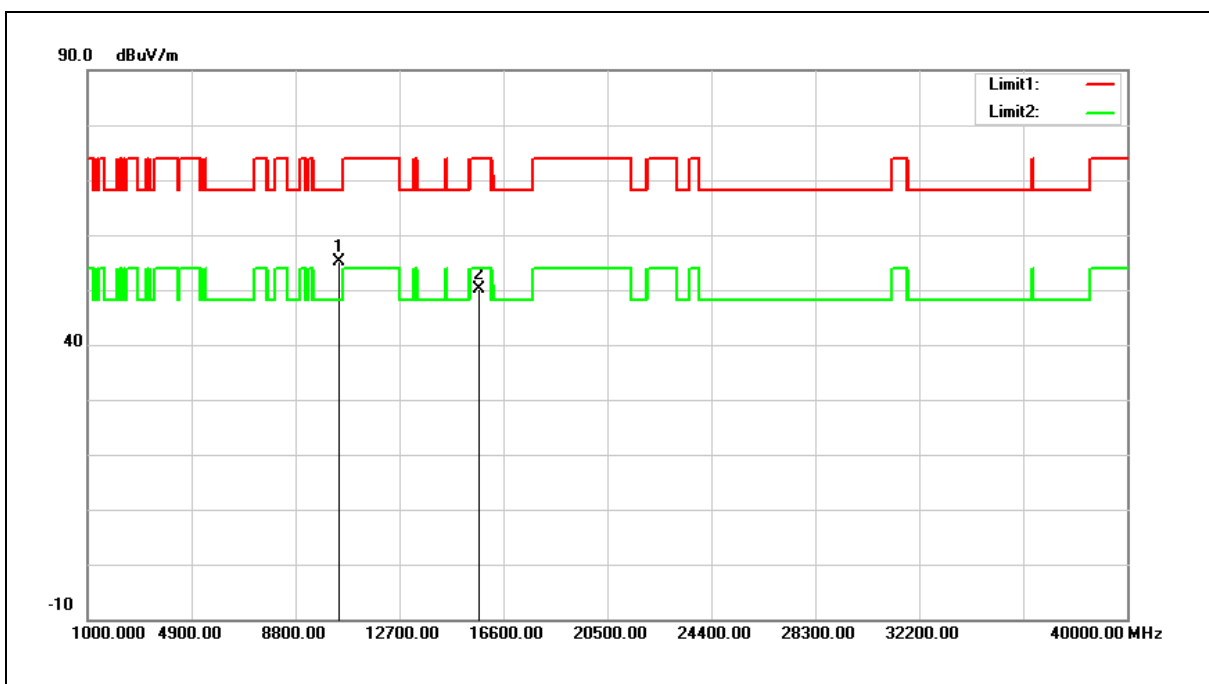
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	42.33	17.08	59.41	68.20	-8.79	peak
2	15690.000	31.79	18.08	49.87	74.00	-24.13	peak

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		
Frequency:	5230 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



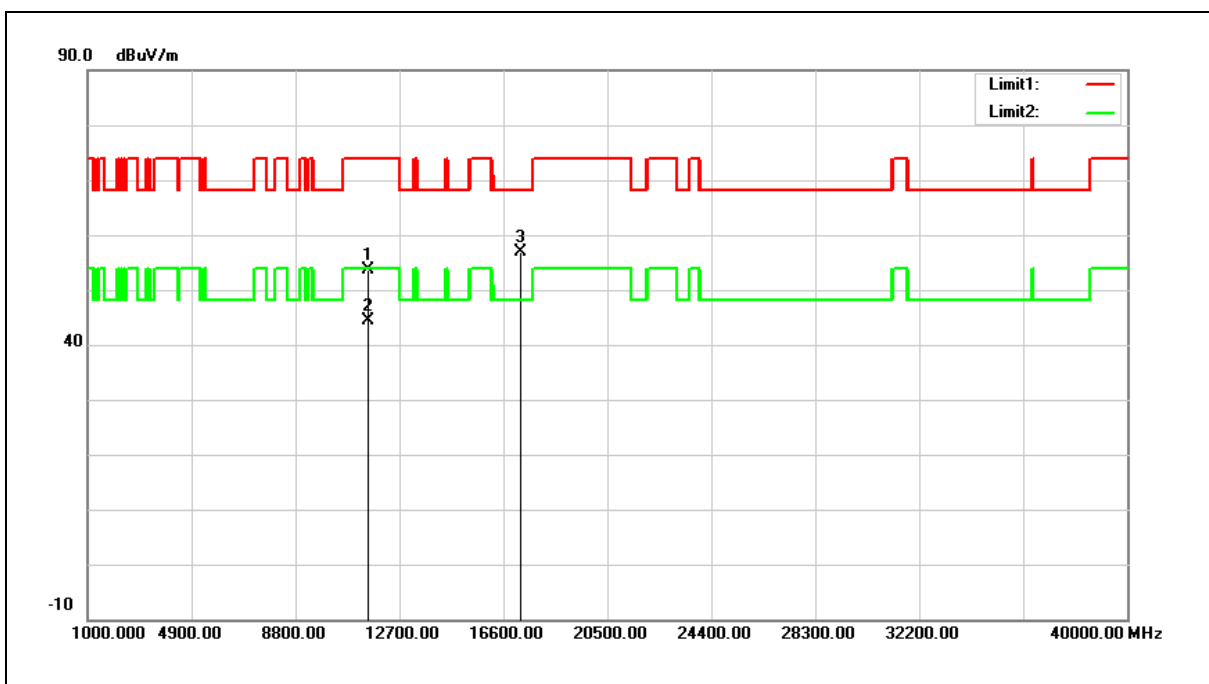
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	37.93	17.08	55.01	68.20	-13.19	peak
2	15690.000	31.94	18.08	50.02	74.00	-23.98	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



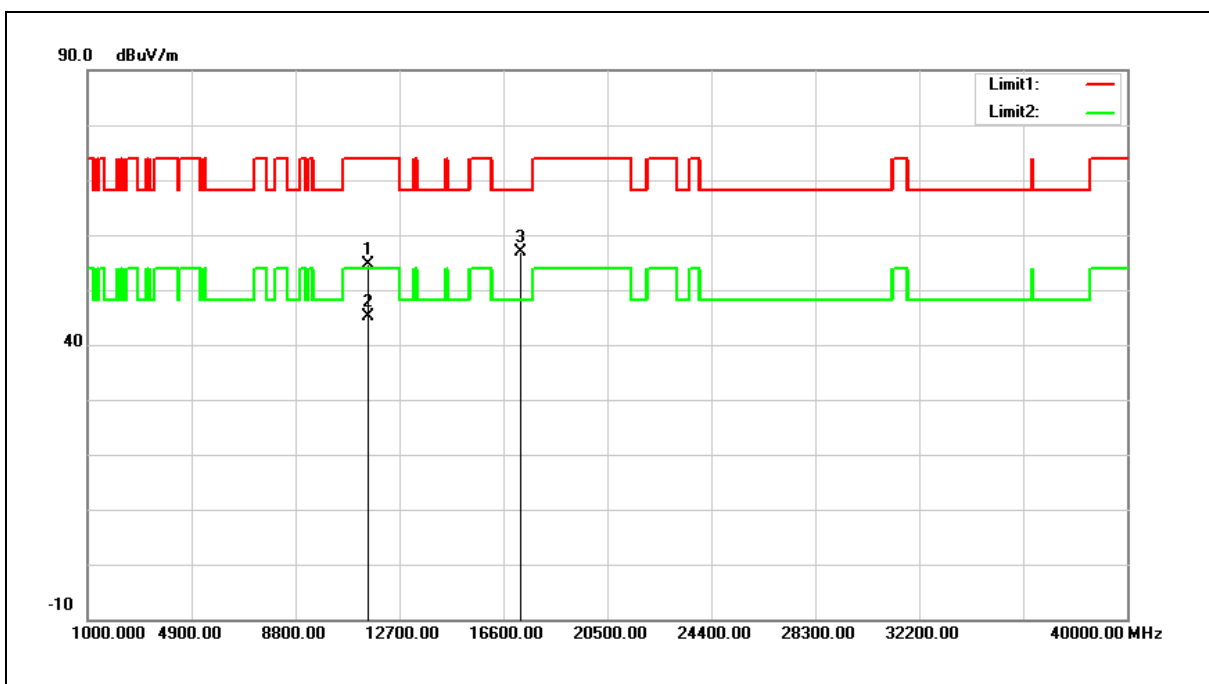
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	35.13	18.48	53.61	74.00	-20.39	peak
2	11510.000	25.78	18.48	44.26	54.00	-9.74	AVG
3	17265.000	32.31	24.45	56.76	68.20	-11.44	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



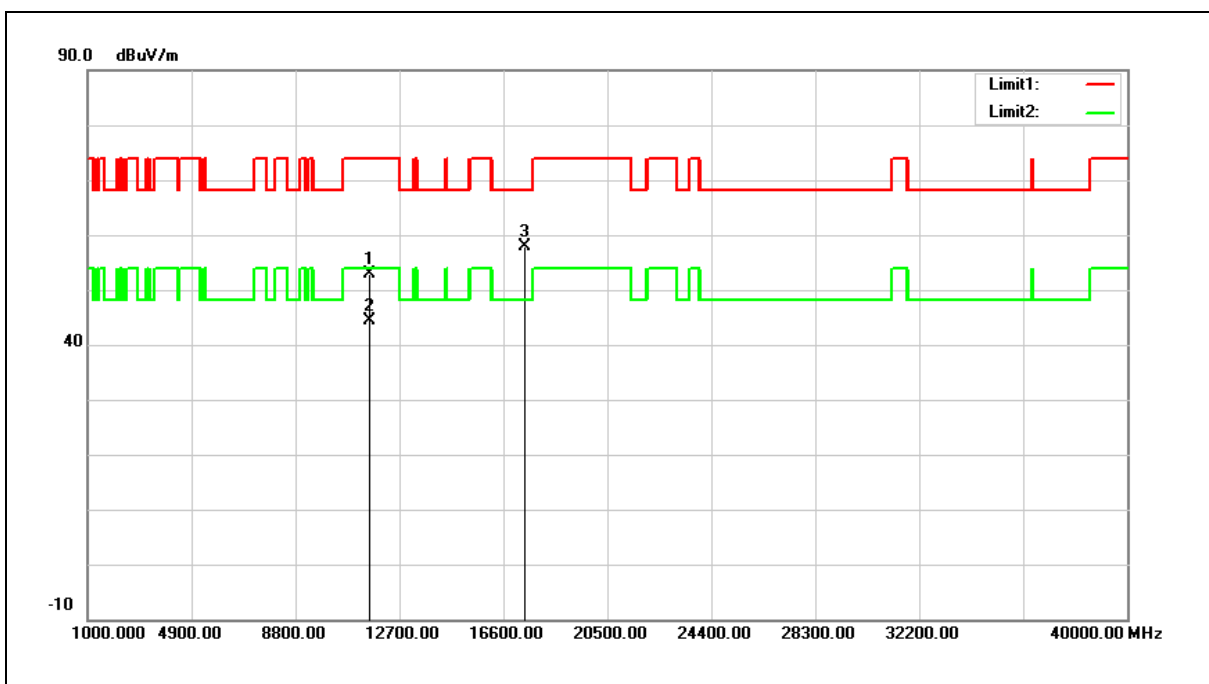
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	36.22	18.48	54.70	74.00	-19.30	peak
2	11510.000	26.59	18.48	45.07	54.00	-8.93	AVG
3	17265.000	32.32	24.45	56.77	68.20	-11.43	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



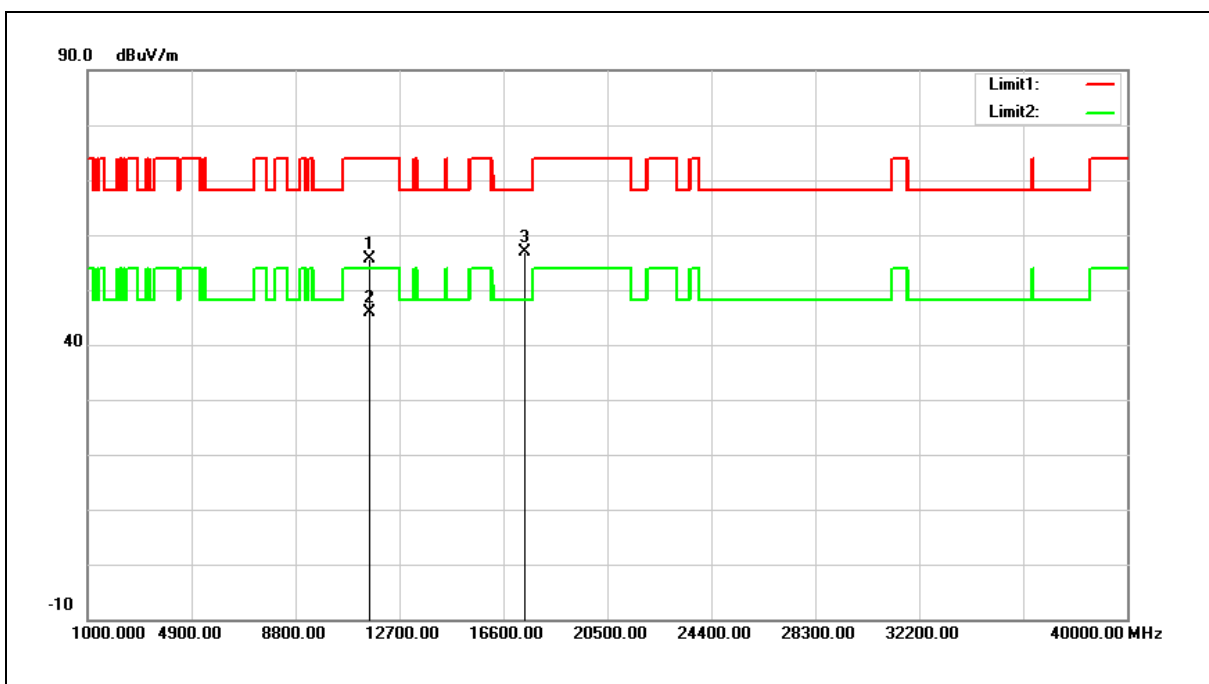
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	34.49	18.41	52.90	74.00	-21.10	peak
2	11590.000	25.86	18.41	44.27	54.00	-9.73	AVG
3	17385.000	32.73	25.10	57.83	68.20	-10.37	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



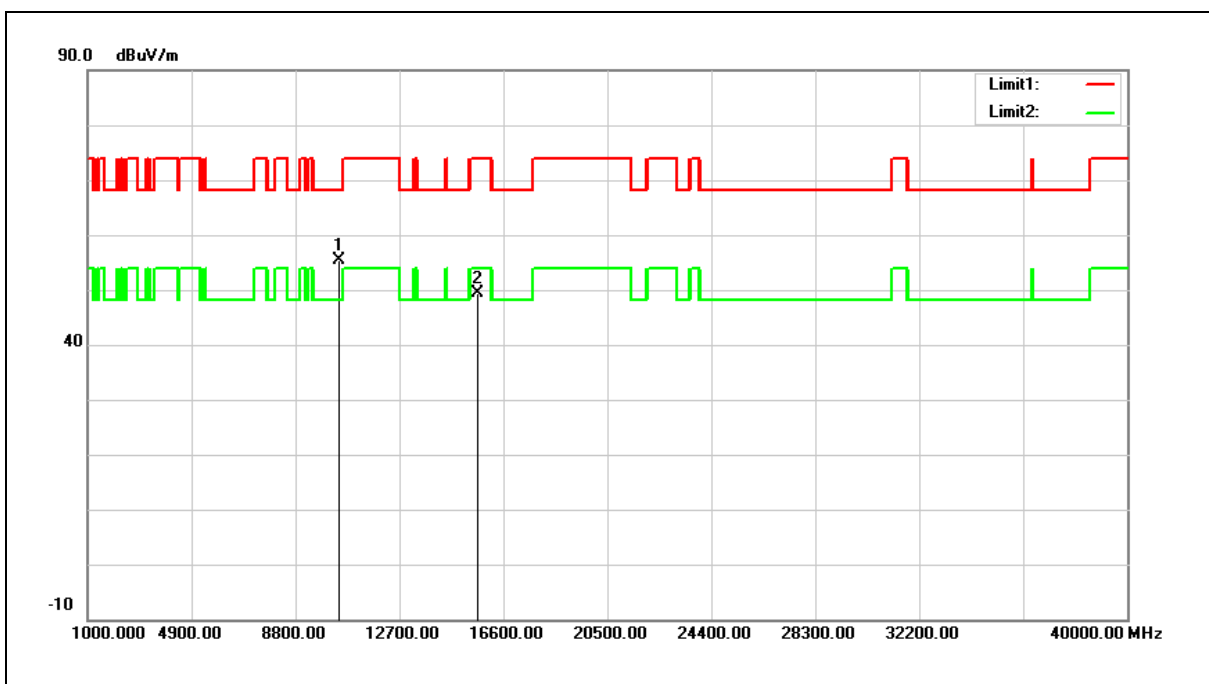
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	37.26	18.41	55.67	74.00	-18.33	peak
2	11590.000	27.37	18.41	45.78	54.00	-8.22	AVG
3	17385.000	31.67	25.10	56.77	68.20	-11.43	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



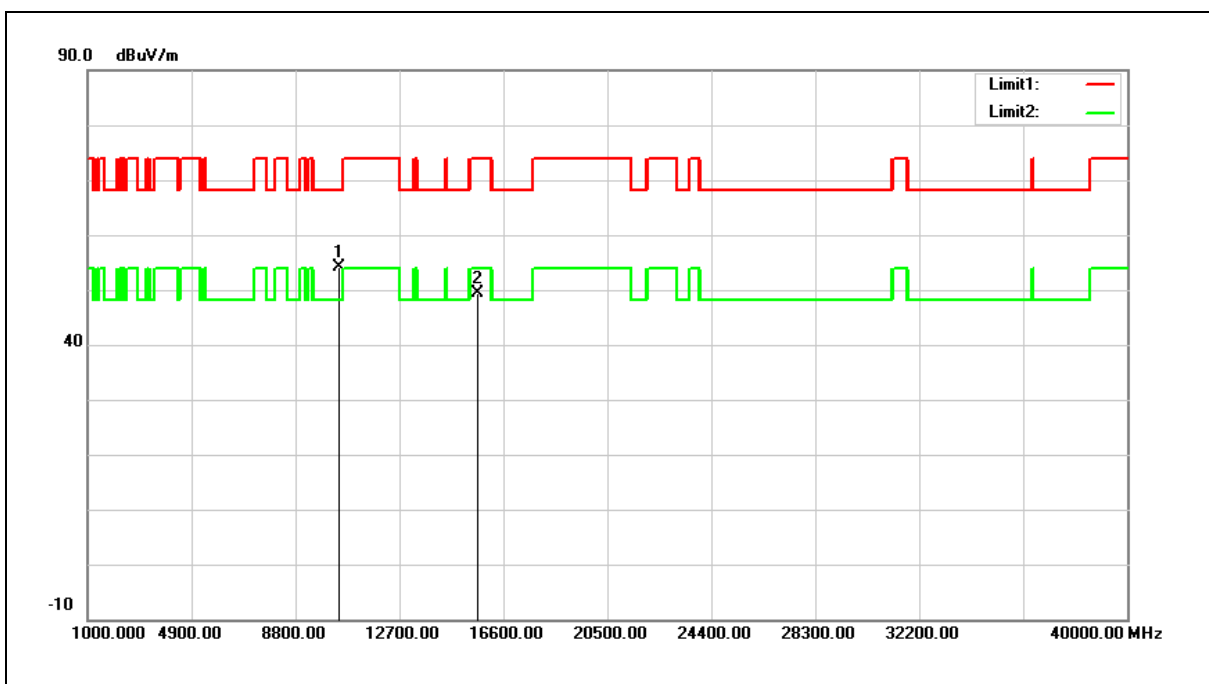
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	38.38	16.99	55.37	68.20	-12.83	peak
2	15630.000	31.05	18.25	49.30	74.00	-24.70	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



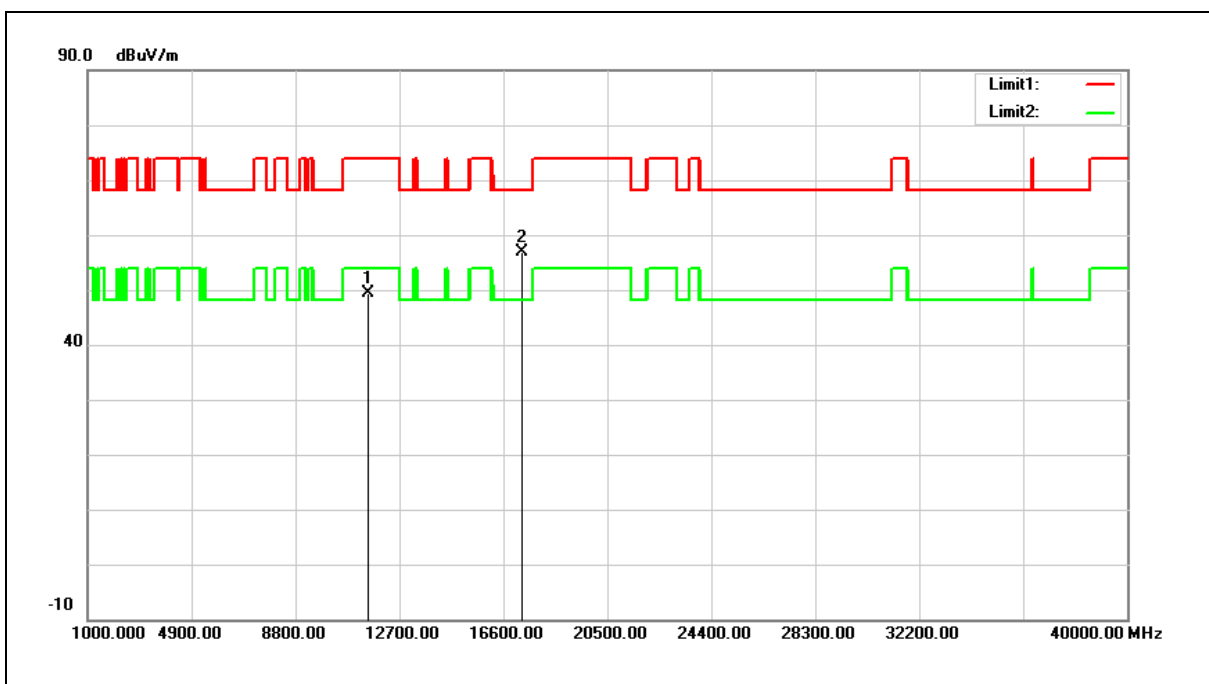
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	37.03	16.99	54.02	68.20	-14.18	peak
2	15630.000	31.17	18.25	49.42	74.00	-24.58	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



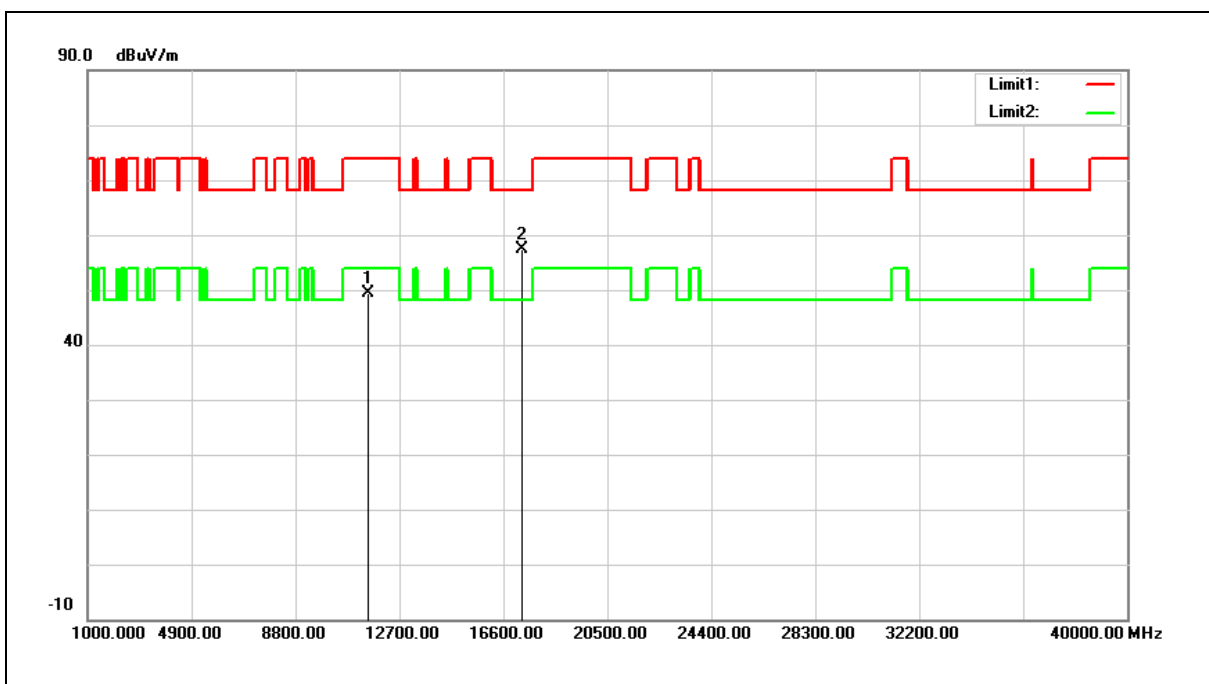
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	30.92	18.44	49.36	74.00	-24.64	peak
2	17325.000	32.12	24.79	56.91	68.20	-11.29	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



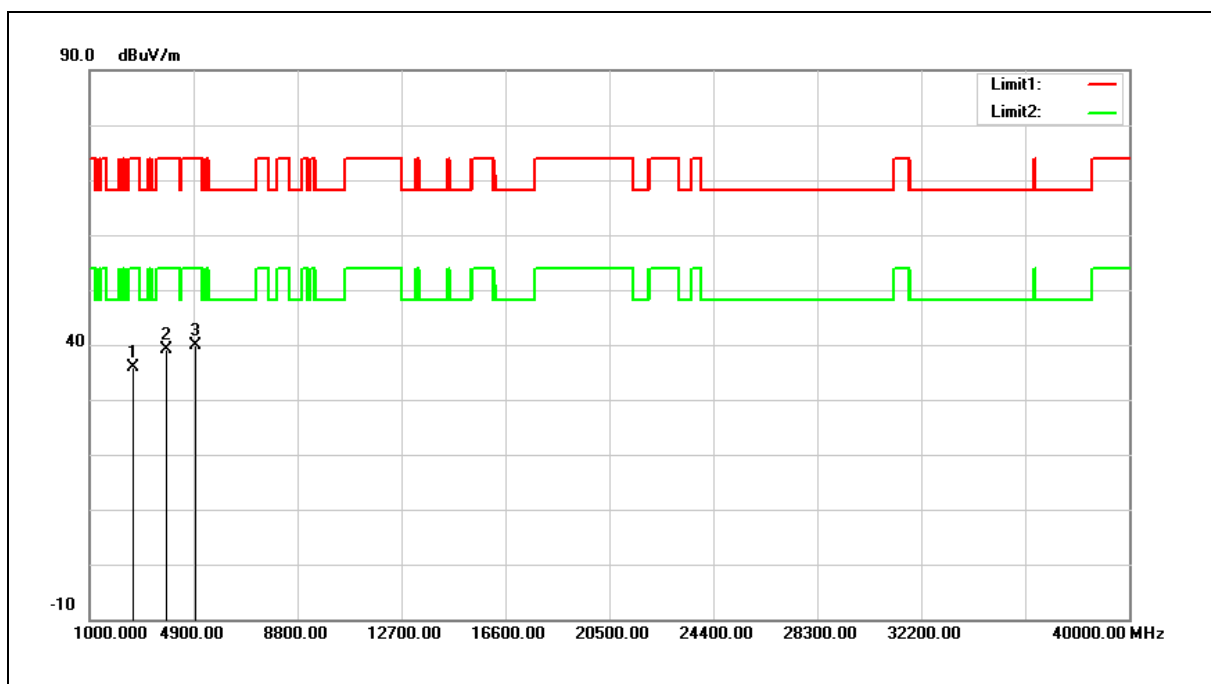
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	30.89	18.44	49.33	74.00	-24.67	peak
2	17325.000	32.59	24.79	57.38	68.20	-10.82	peak

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		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		
Description:			



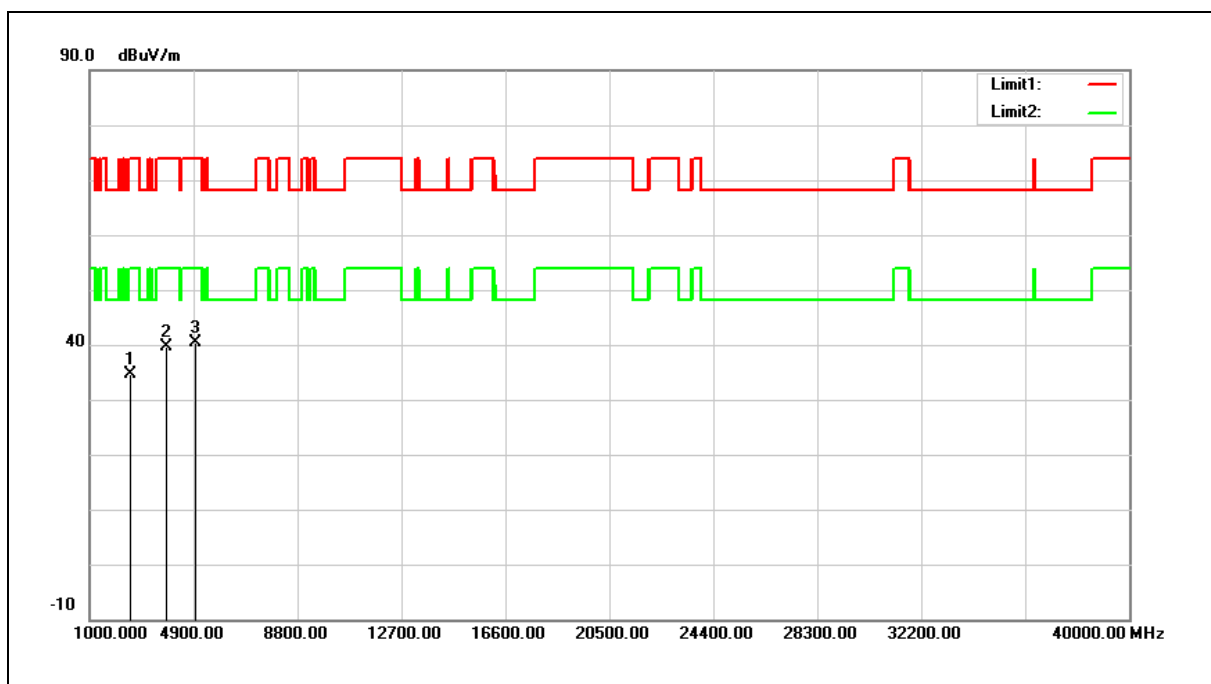
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2615.000	37.18	-1.40	35.78	74.00	-38.22	peak
2	3890.000	36.37	2.76	39.13	74.00	-34.87	peak
3	4995.000	34.31	5.62	39.93	74.00	-34.07	peak

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		
Mode:	Mode 11		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2530.000	36.38	-1.70	34.68	74.00	-39.32	peak
2	3873.000	36.94	2.69	39.63	74.00	-34.37	peak
3	4978.000	34.77	5.56	40.33	74.00	-33.67	peak

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

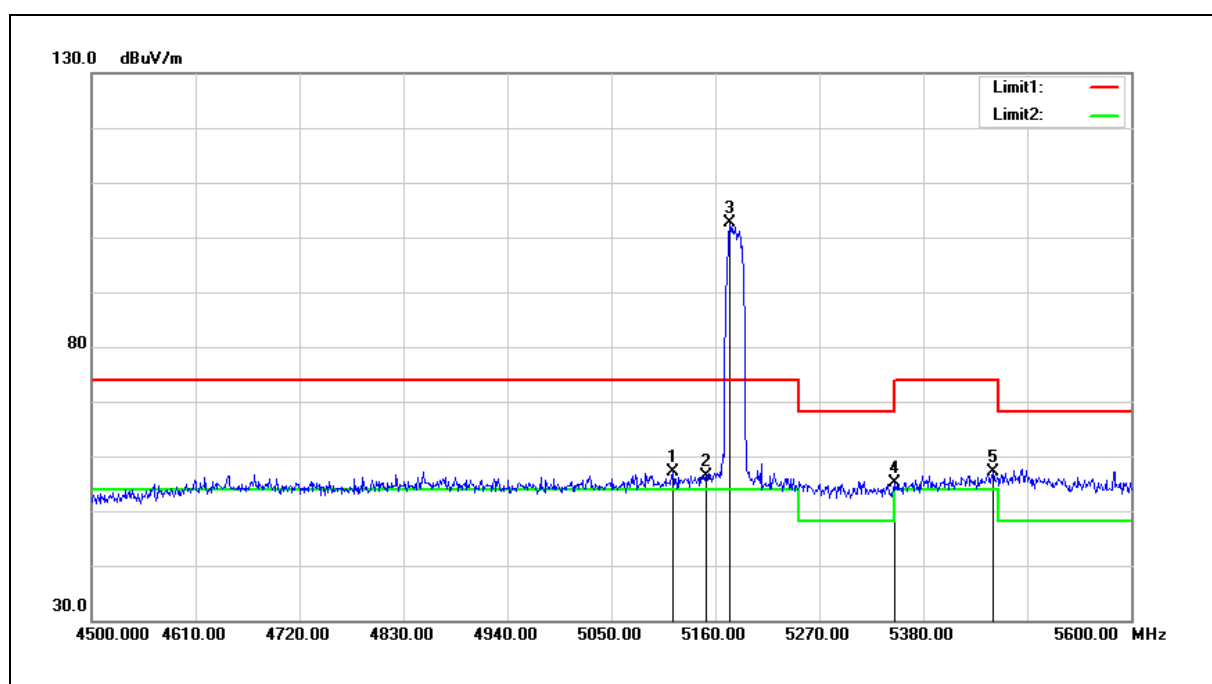
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

頻帶邊緣

Peak

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



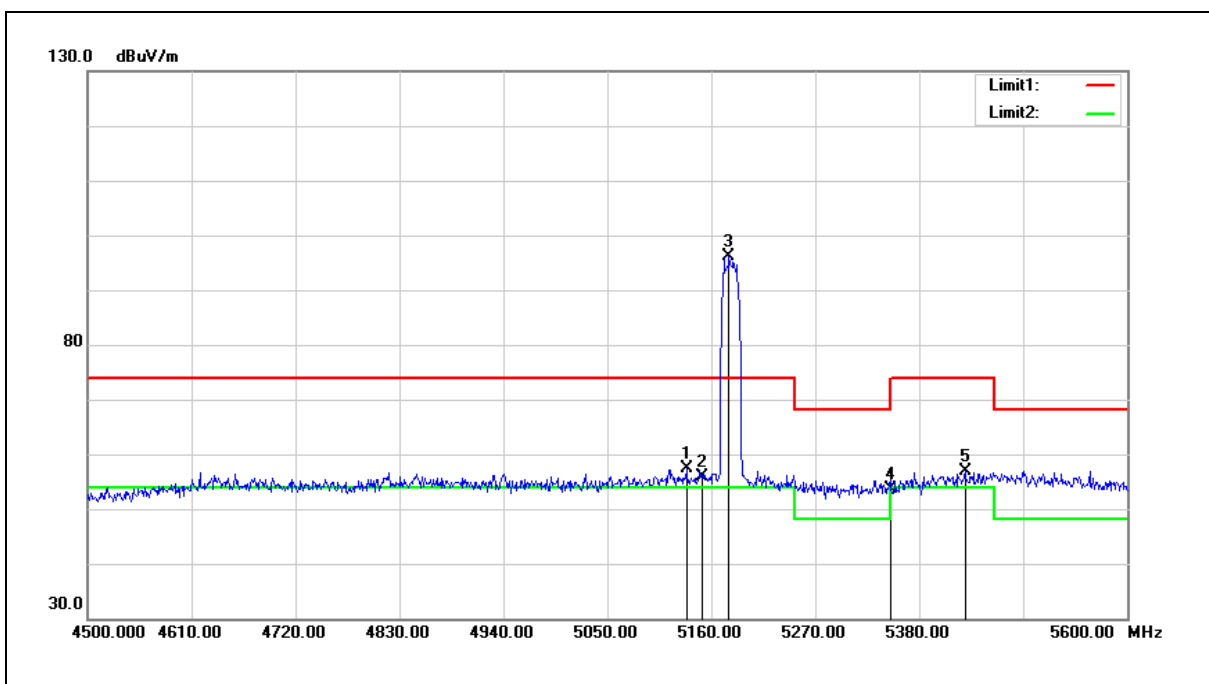
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5114.900	51.43	5.77	57.20	74.00	-16.80	peak
2	5150.000	50.69	5.81	56.50	74.00	-17.50	peak
3	5175.400	96.75	5.84	102.59	--	--	peak
4	5350.000	49.09	6.03	55.12	74.00	-18.88	peak
5	5453.700	51.02	6.15	57.17	74.00	-16.83	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:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



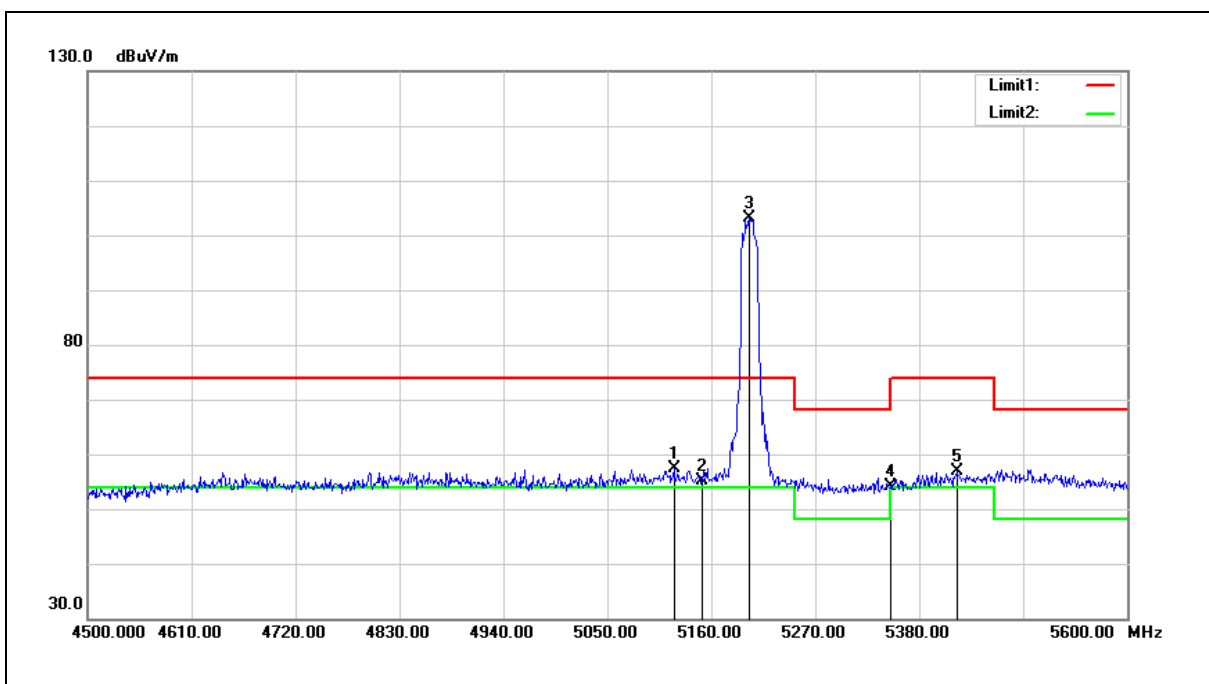
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5133.600	51.61	5.80	57.41	74.00	-16.59	peak
2	5150.000	50.01	5.81	55.82	74.00	-18.18	peak
3	5178.700	90.41	5.84	96.25	--	--	peak
4	5350.000	47.52	6.03	53.55	74.00	-20.45	peak
5	5428.400	50.65	6.13	56.78	74.00	-17.22	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



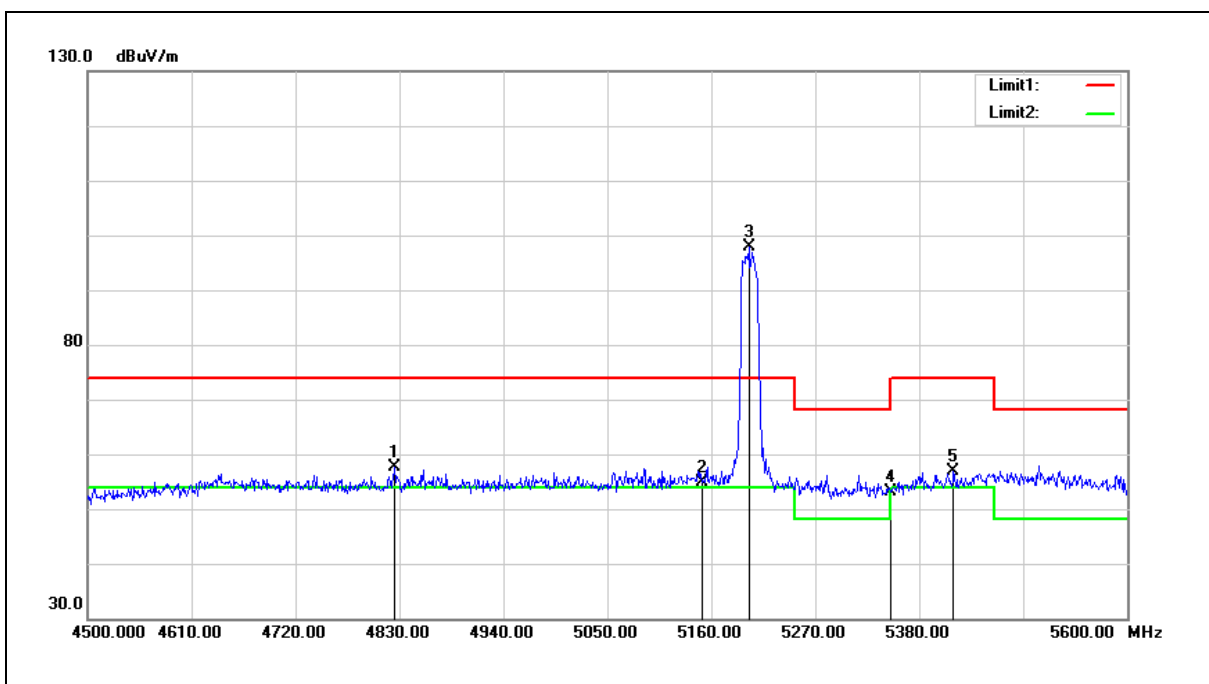
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	51.49	5.78	57.27	74.00	-16.73	peak
2	5150.000	49.38	5.81	55.19	74.00	-18.81	peak
3	5199.600	97.36	5.87	103.23	--	--	peak
4	5350.000	48.19	6.03	54.22	74.00	-19.78	peak
5	5419.600	50.83	6.12	56.95	74.00	-17.05	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:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



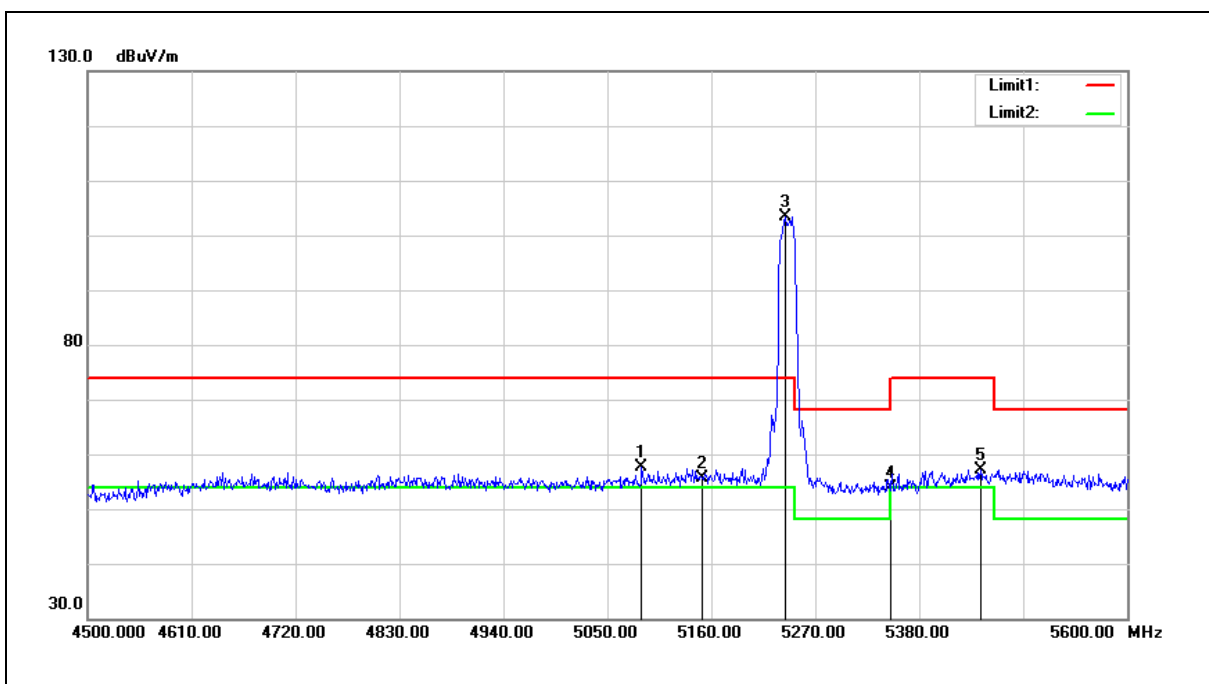
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.500	52.45	5.07	57.52	74.00	-16.48	peak
2	5150.000	49.13	5.81	54.94	74.00	-19.06	peak
3	5199.600	92.00	5.87	97.87	--	--	peak
4	5350.000	47.05	6.03	53.08	74.00	-20.92	peak
5	5416.300	50.75	6.11	56.86	74.00	-17.14	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:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



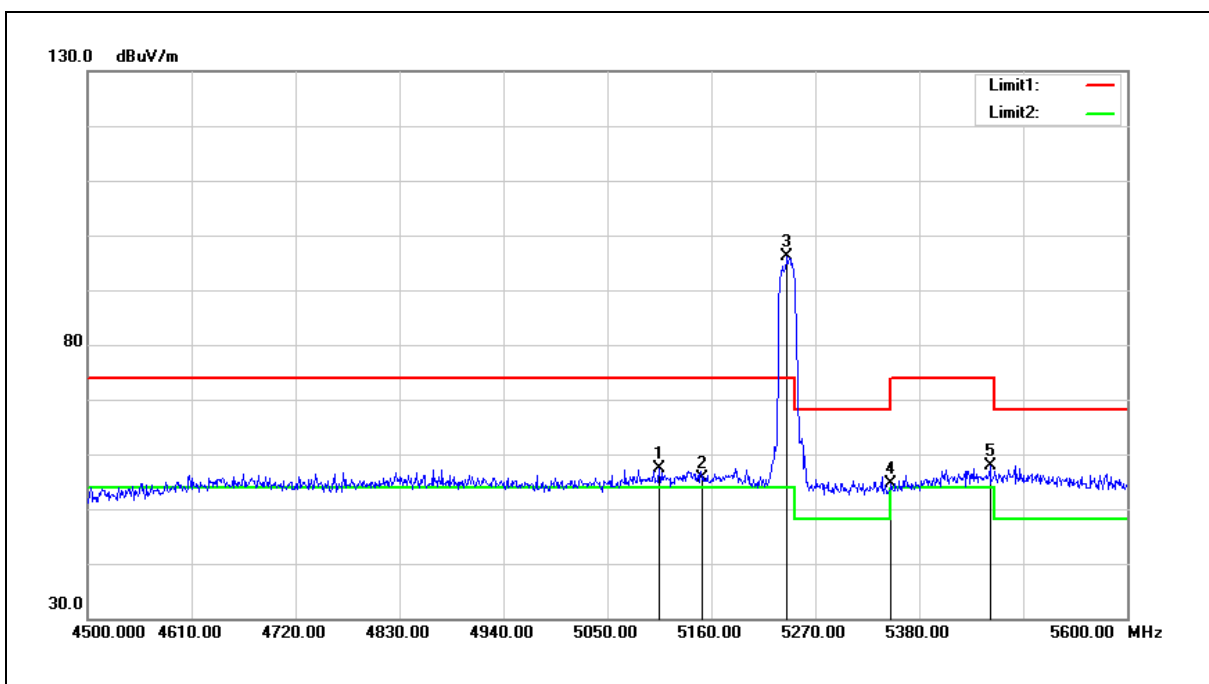
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5086.300	51.96	5.74	57.70	74.00	-16.30	peak
2	5150.000	49.71	5.81	55.52	74.00	-18.48	peak
3	5238.100	97.51	5.91	103.42	--	--	peak
4	5350.000	47.87	6.03	53.90	74.00	-20.10	peak
5	5444.900	51.04	6.16	57.20	74.00	-16.80	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5105.000	51.66	5.76	57.42	74.00	-16.58	peak
2	5150.000	49.88	5.81	55.69	74.00	-18.31	peak
3	5240.300	90.18	5.92	96.10	--	--	peak
4	5350.000	48.56	6.03	54.59	74.00	-19.41	peak
5	5454.800	51.62	6.15	57.77	74.00	-16.23	peak

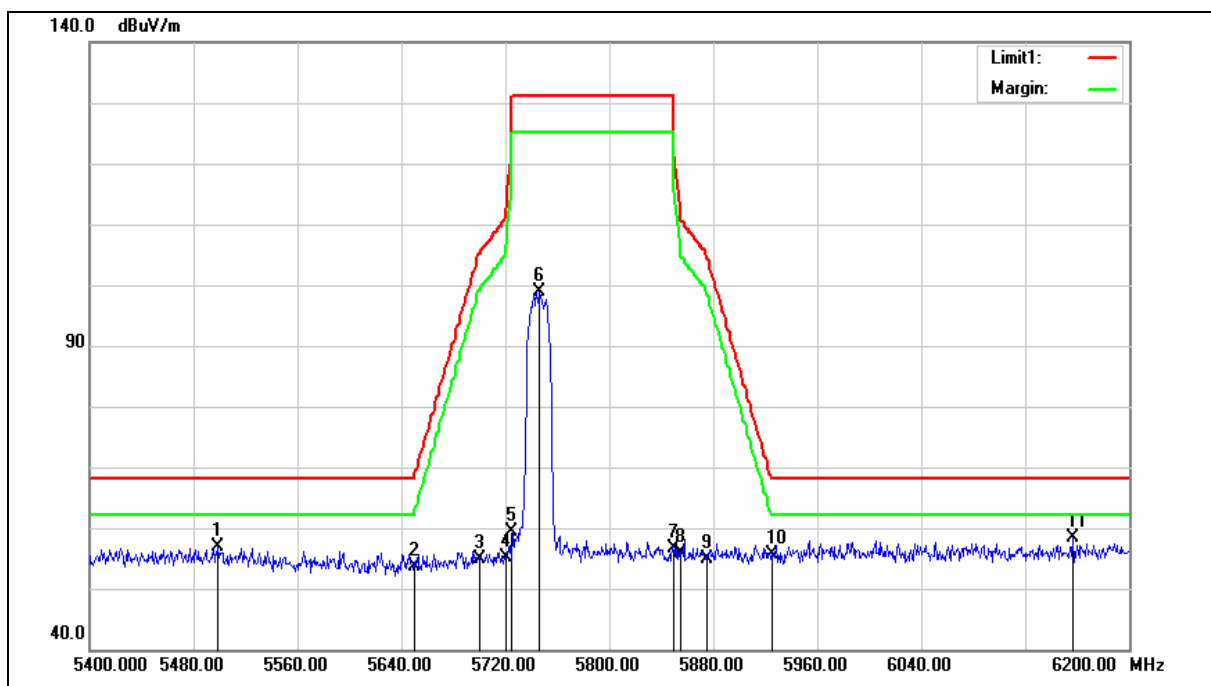
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 item: Band edge
Frequency: 5745 MHz
Mode: Mode 5
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

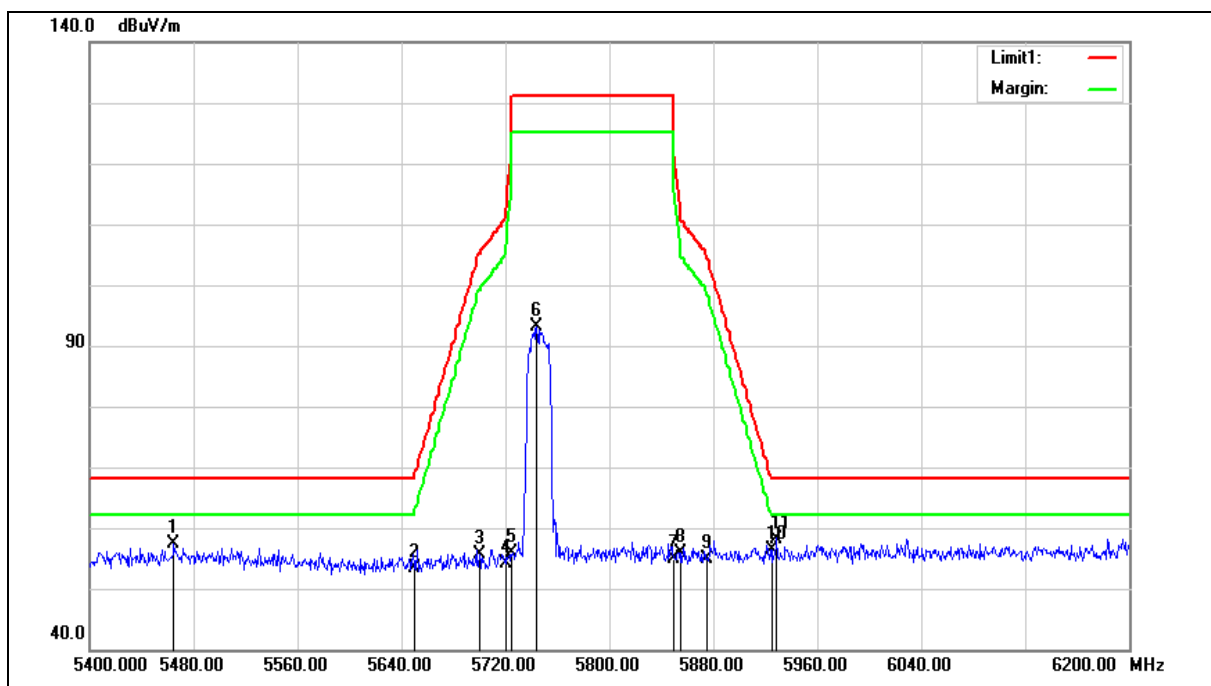
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5498.400	50.70	6.21	56.91	68.20	-11.29	peak
2	5650.000	46.92	6.61	53.53	68.20	-14.67	peak
3	5700.000	48.09	6.74	54.83	105.20	-50.37	peak
4	5720.000	48.28	6.79	55.07	110.80	-55.73	peak
5	5725.000	52.67	6.81	59.48	122.20	-62.72	peak
6	5746.400	91.93	6.86	98.79	--	--	peak
7	5850.000	49.57	7.13	56.70	122.20	-65.50	peak
8	5855.000	48.72	7.15	55.87	110.80	-54.93	peak
9	5875.000	47.77	7.20	54.97	105.20	-50.23	peak
10	5925.000	48.29	7.34	55.63	68.20	-12.57	peak
11	6156.800	50.04	8.22	58.26	68.20	-9.94	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5464.800	51.32	6.16	57.48	68.20	-10.72	peak
2	5650.000	46.80	6.61	53.41	68.20	-14.79	peak
3	5700.000	48.90	6.74	55.64	105.20	-49.56	peak
4	5720.000	47.36	6.79	54.15	110.80	-56.65	peak
5	5725.000	49.12	6.81	55.93	122.20	-66.27	peak
6	5744.000	86.27	6.86	93.13	--	--	peak
7	5850.000	47.77	7.13	54.90	122.20	-67.30	peak
8	5855.000	48.79	7.15	55.94	110.80	-54.86	peak
9	5875.000	47.58	7.20	54.78	105.20	-50.42	peak
10	5925.000	49.11	7.34	56.45	68.20	-11.75	peak
11	5928.800	50.91	7.34	58.25	68.20	-9.95	peak

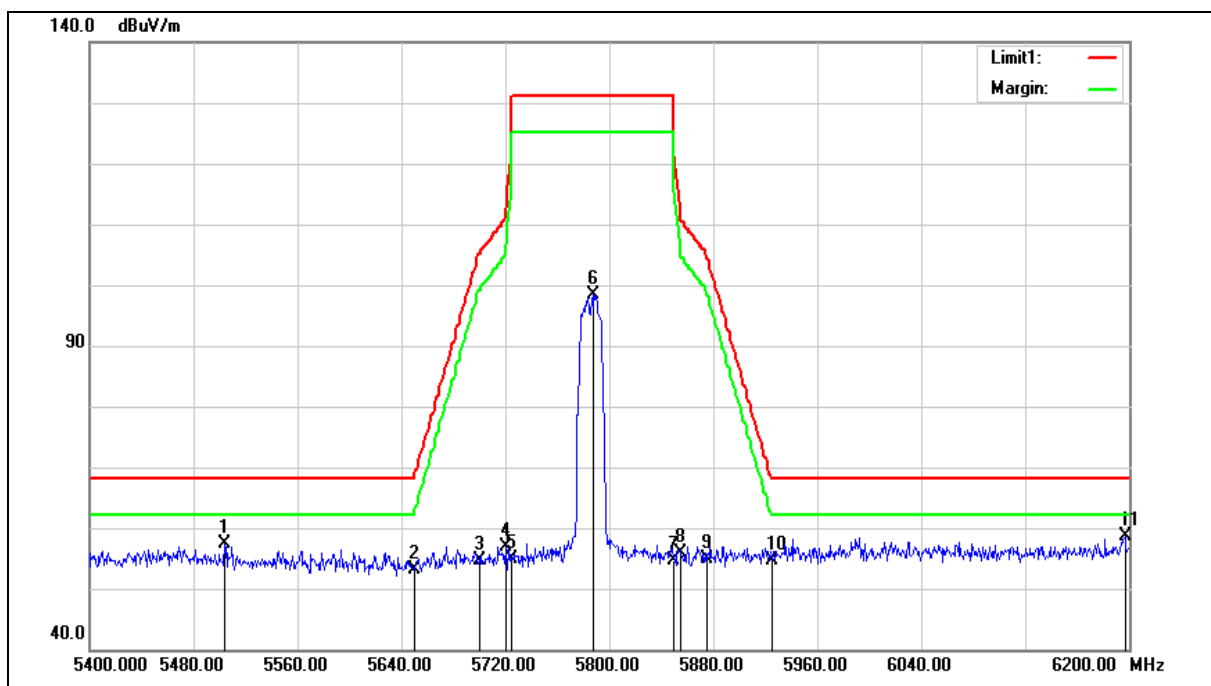
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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 item: Band edge
Frequency: 5785 MHz
Mode: Mode 5
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5504.000	51.06	6.23	57.29	68.20	-10.91	peak
2	5650.000	46.51	6.61	53.12	68.20	-15.08	peak
3	5700.000	47.92	6.74	54.66	105.20	-50.54	peak
4	5720.000	49.98	6.79	56.77	110.80	-54.03	peak
5	5725.000	47.98	6.81	54.79	122.20	-67.41	peak
6	5787.200	91.42	6.96	98.38	--	--	peak
7	5850.000	47.48	7.13	54.61	122.20	-67.59	peak
8	5855.000	48.65	7.15	55.80	110.80	-55.00	peak
9	5875.000	47.62	7.20	54.82	105.20	-50.38	peak
10	5925.000	47.39	7.34	54.73	68.20	-13.47	peak
11	6196.800	50.16	8.39	58.55	68.20	-9.65	peak

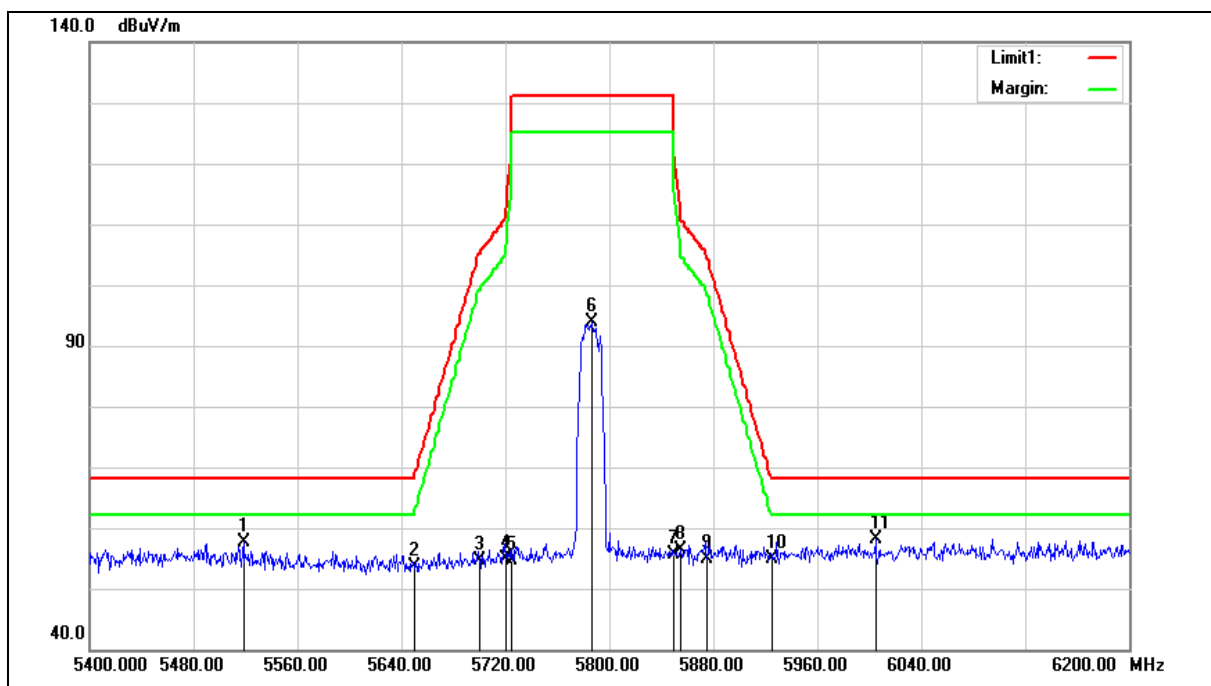
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5785 MHz
Mode: Mode 5
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5518.400	51.48	6.26	57.74	68.20	-10.46	peak
2	5650.000	47.11	6.61	53.72	68.20	-14.48	peak
3	5700.000	47.99	6.74	54.73	105.20	-50.47	peak
4	5720.000	48.04	6.79	54.83	110.80	-55.97	peak
5	5725.000	47.87	6.81	54.68	122.20	-67.52	peak
6	5786.400	87.00	6.96	93.96	--	--	peak
7	5850.000	48.51	7.13	55.64	122.20	-66.56	peak
8	5855.000	49.13	7.15	56.28	110.80	-54.52	peak
9	5875.000	47.59	7.20	54.79	105.20	-50.41	peak
10	5925.000	47.61	7.34	54.95	68.20	-13.25	peak
11	6004.800	50.52	7.56	58.08	68.20	-10.12	peak

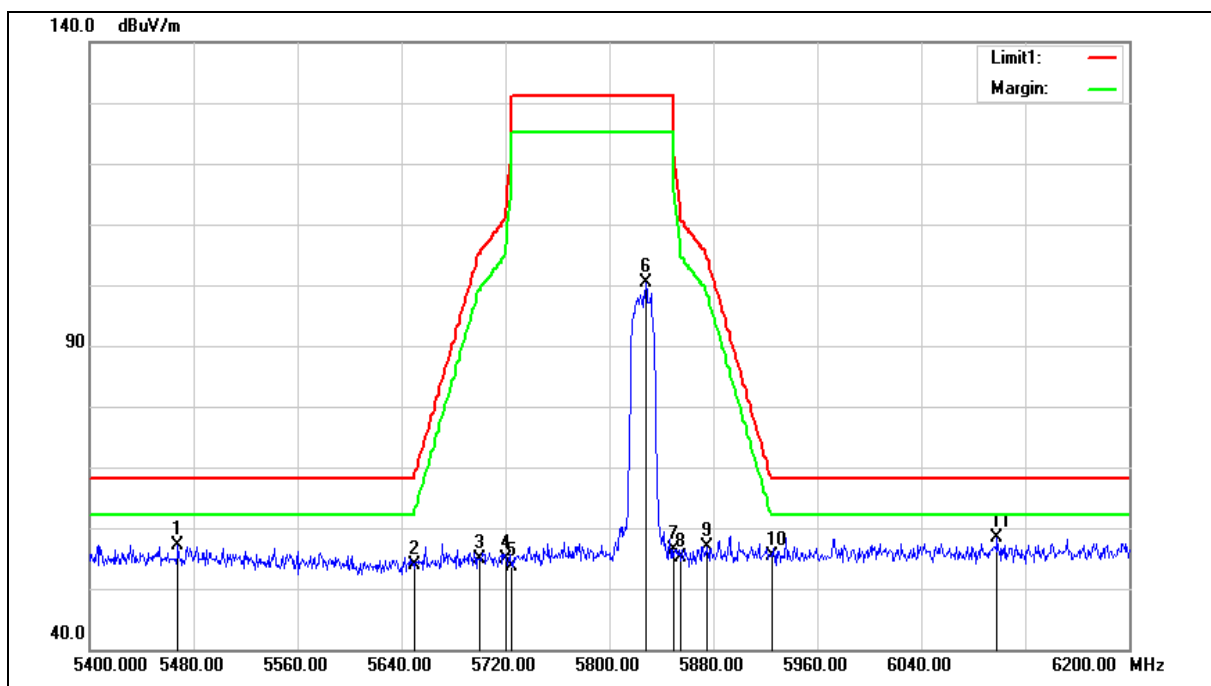
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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 item: Band edge
Frequency: 5825 MHz
Mode: Mode 5
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5468.000	51.05	6.17	57.22	68.20	-10.98	peak
2	5650.000	47.18	6.61	53.79	68.20	-14.41	peak
3	5700.000	48.20	6.74	54.94	105.20	-50.26	peak
4	5720.000	47.98	6.79	54.77	110.80	-56.03	peak
5	5725.000	46.76	6.81	53.57	122.20	-68.63	peak
6	5828.000	93.30	7.08	100.38	--	--	peak
7	5850.000	49.34	7.13	56.47	122.20	-65.73	peak
8	5855.000	48.08	7.15	55.23	110.80	-55.57	peak
9	5875.000	49.69	7.20	56.89	105.20	-48.31	peak
10	5925.000	47.96	7.34	55.30	68.20	-12.90	peak
11	6098.400	50.53	7.96	58.49	68.20	-9.71	peak

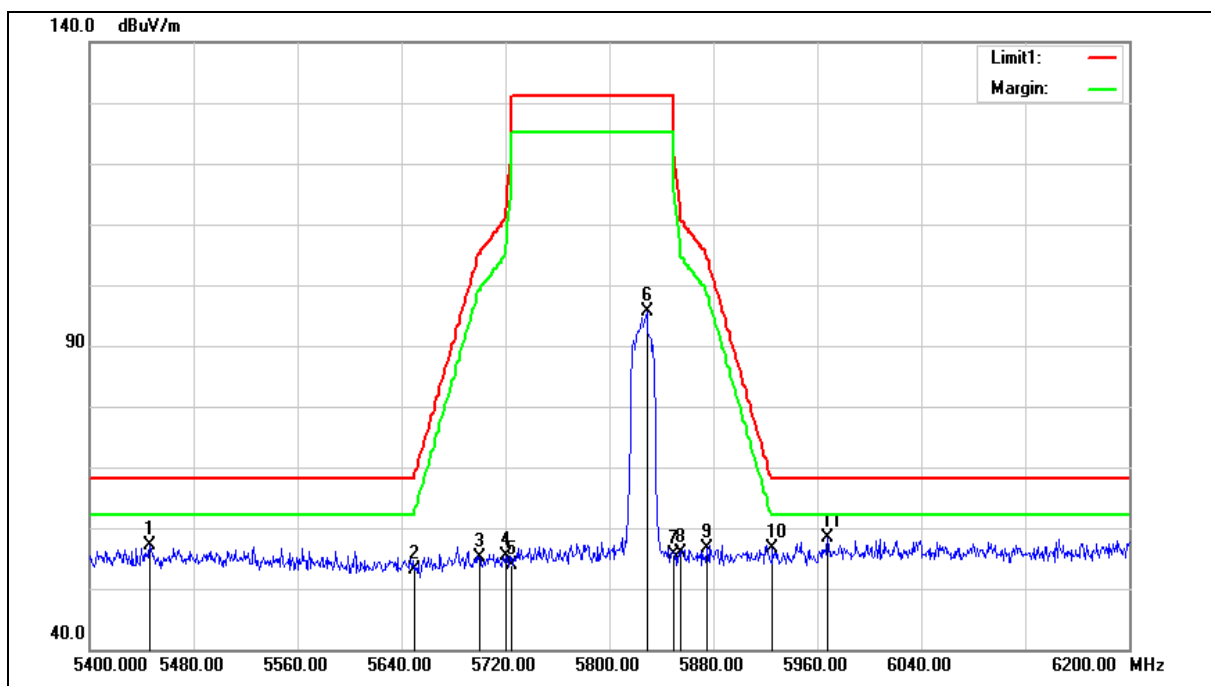
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5825 MHz
Mode: Mode 5
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

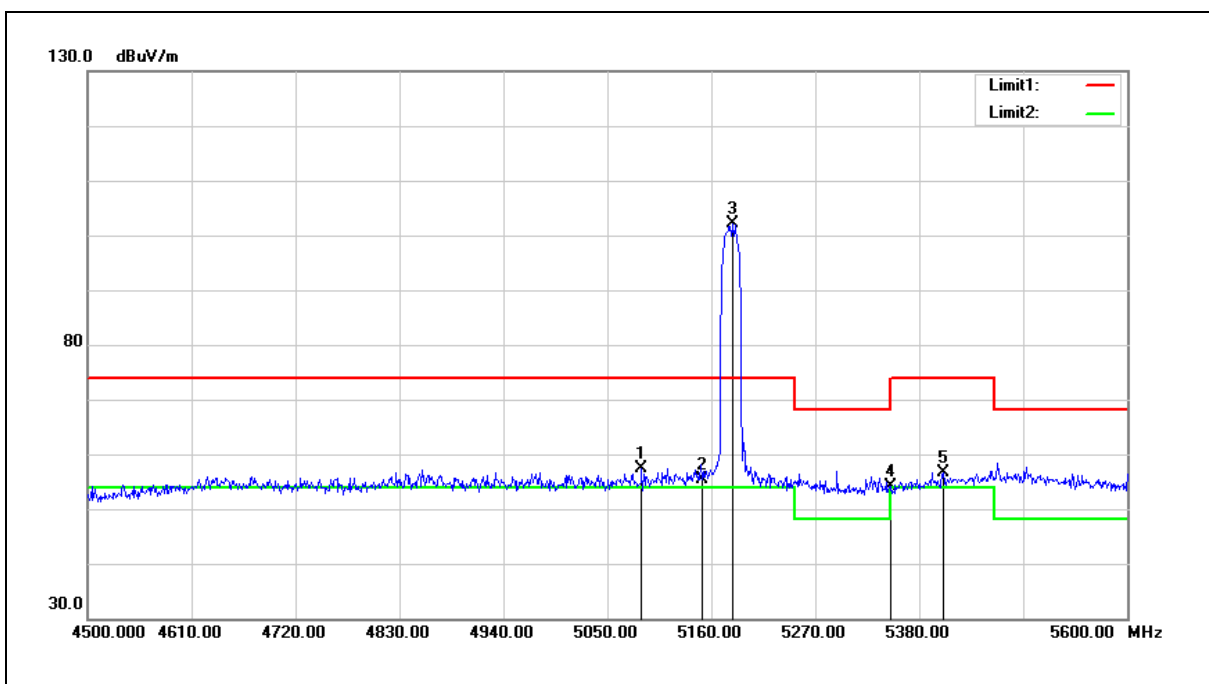
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5446.400	51.07	6.16	57.23	68.20	-10.97	peak
2	5650.000	46.57	6.61	53.18	68.20	-15.02	peak
3	5700.000	48.45	6.74	55.19	105.20	-50.01	peak
4	5720.000	48.55	6.79	55.34	110.80	-55.46	peak
5	5725.000	47.18	6.81	53.99	122.20	-68.21	peak
6	5828.800	88.62	7.08	95.70	--	--	peak
7	5850.000	48.44	7.13	55.57	122.20	-66.63	peak
8	5855.000	48.77	7.15	55.92	110.80	-54.88	peak
9	5875.000	49.40	7.20	56.60	105.20	-48.60	peak
10	5925.000	49.31	7.34	56.65	68.20	-11.55	peak
11	5968.000	50.96	7.45	58.41	68.20	-9.79	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



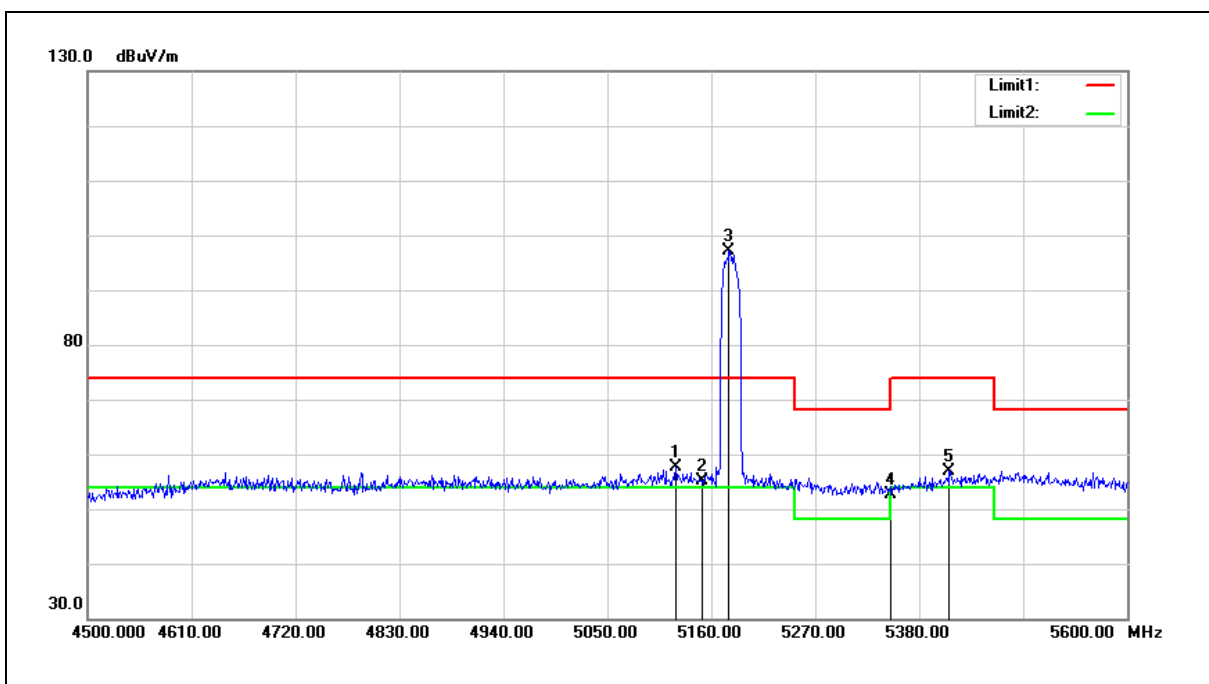
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5086.300	51.71	5.74	57.45	74.00	-16.55	peak
2	5150.000	49.50	5.81	55.31	74.00	-18.69	peak
3	5182.000	96.28	5.85	102.13	--	--	peak
4	5350.000	47.98	6.03	54.01	74.00	-19.99	peak
5	5405.300	50.52	6.10	56.62	74.00	-17.38	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



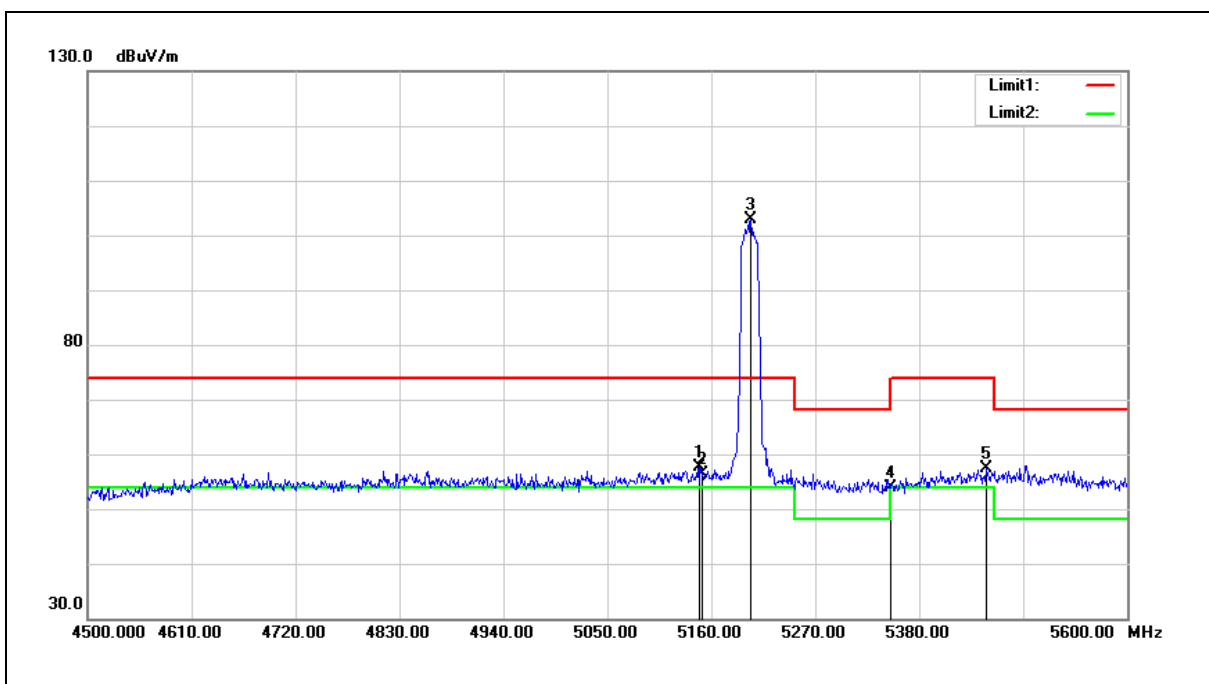
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5122.600	51.78	5.78	57.56	74.00	-16.44	peak
2	5150.000	49.27	5.81	55.08	74.00	-18.92	peak
3	5178.700	91.37	5.84	97.21	--	--	peak
4	5350.000	46.60	6.03	52.63	74.00	-21.37	peak
5	5411.900	50.88	6.11	56.99	74.00	-17.01	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



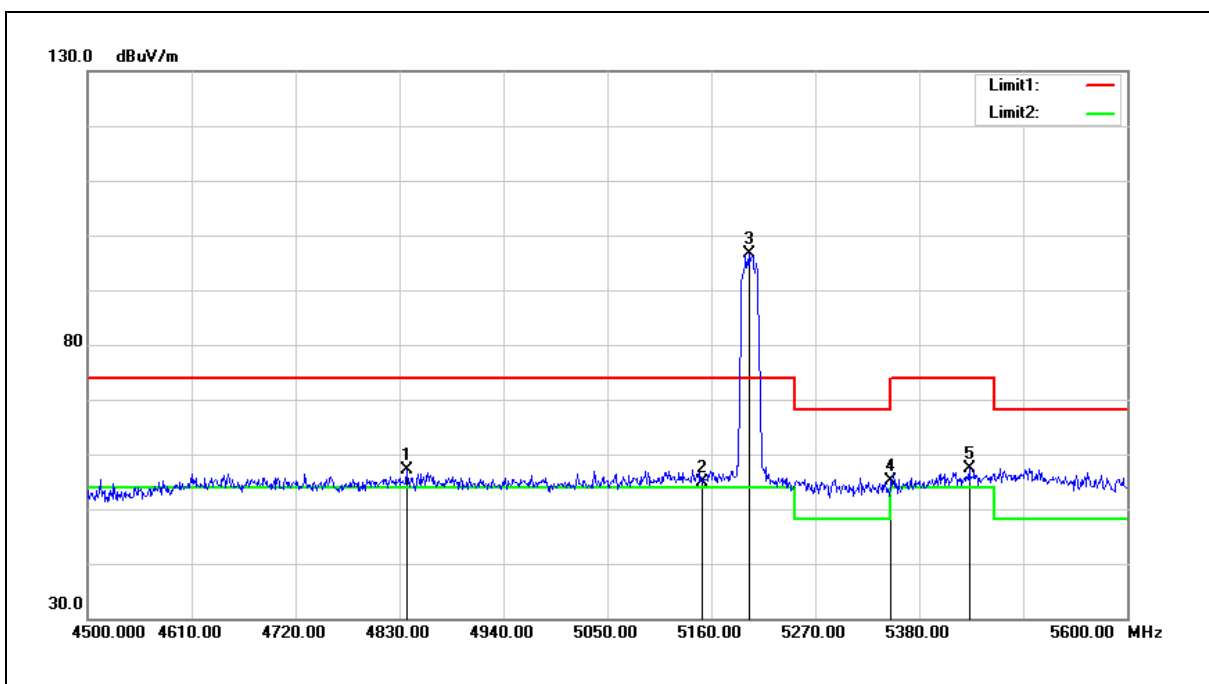
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	51.91	5.82	57.73	74.00	-16.27	peak
2	5150.000	50.60	5.81	56.41	74.00	-17.59	peak
3	5201.800	97.10	5.87	102.97	--	--	peak
4	5350.000	47.83	6.03	53.86	74.00	-20.14	peak
5	5450.400	51.16	6.15	57.31	74.00	-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:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



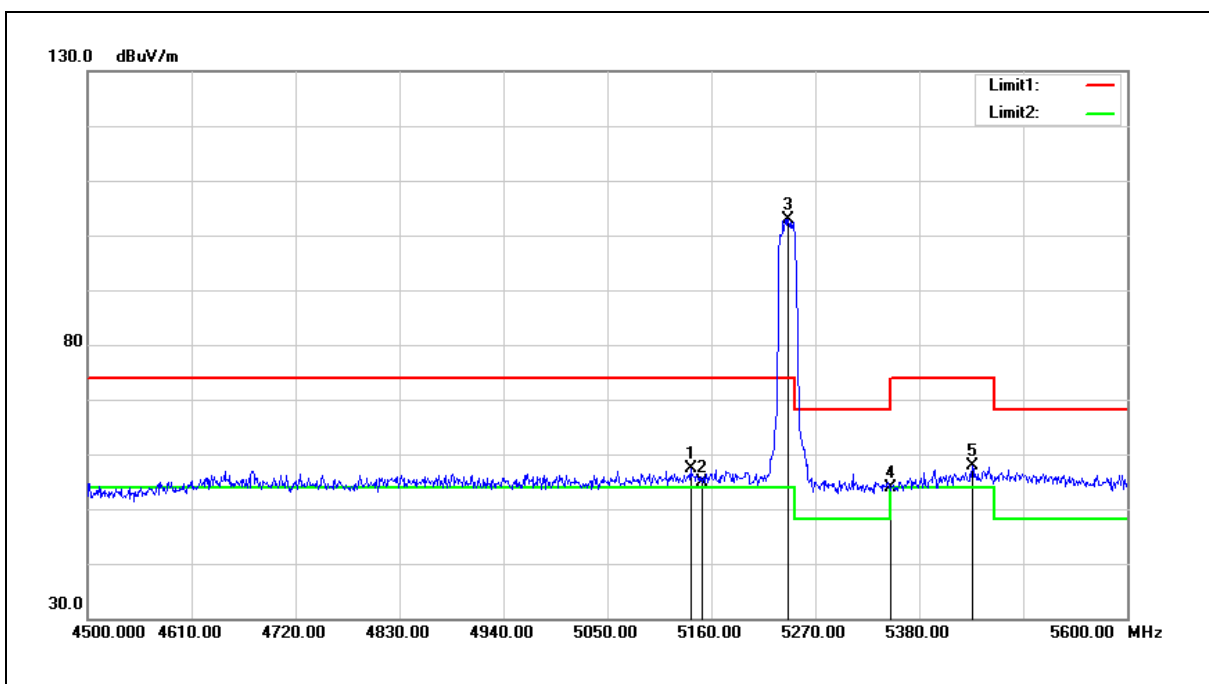
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4837.700	52.13	5.11	57.24	74.00	-16.76	peak
2	5150.000	49.14	5.81	54.95	74.00	-19.05	peak
3	5199.600	90.70	5.87	96.57	--	--	peak
4	5350.000	49.12	6.03	55.15	74.00	-18.85	peak
5	5432.800	51.23	6.14	57.37	74.00	-16.63	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:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



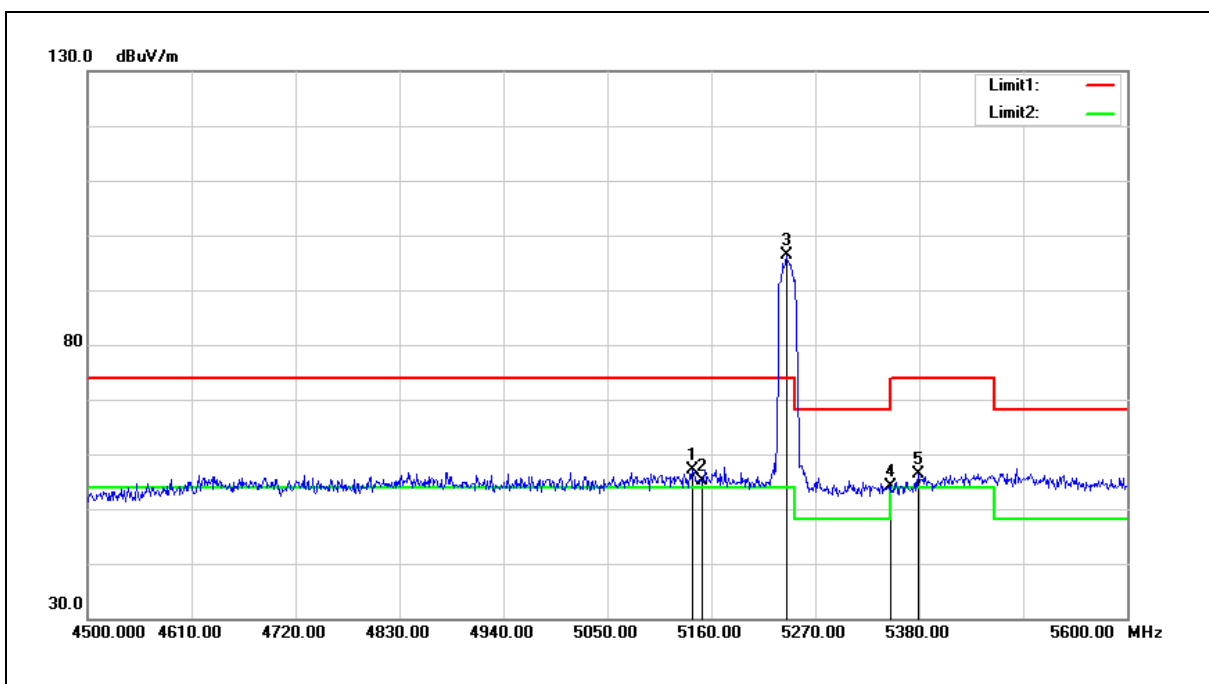
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.000	51.51	5.80	57.31	74.00	-16.69	peak
2	5150.000	48.98	5.81	54.79	74.00	-19.21	peak
3	5241.400	97.06	5.92	102.98	--	--	peak
4	5350.000	47.81	6.03	53.84	74.00	-20.16	peak
5	5436.100	51.64	6.14	57.78	74.00	-16.22	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.200	51.21	5.80	57.01	74.00	-16.99	peak
2	5150.000	49.29	5.81	55.10	74.00	-18.90	peak
3	5239.200	90.34	5.92	96.26	--	--	peak
4	5350.000	47.99	6.03	54.02	74.00	-19.98	peak
5	5378.900	50.36	6.07	56.43	74.00	-17.57	peak

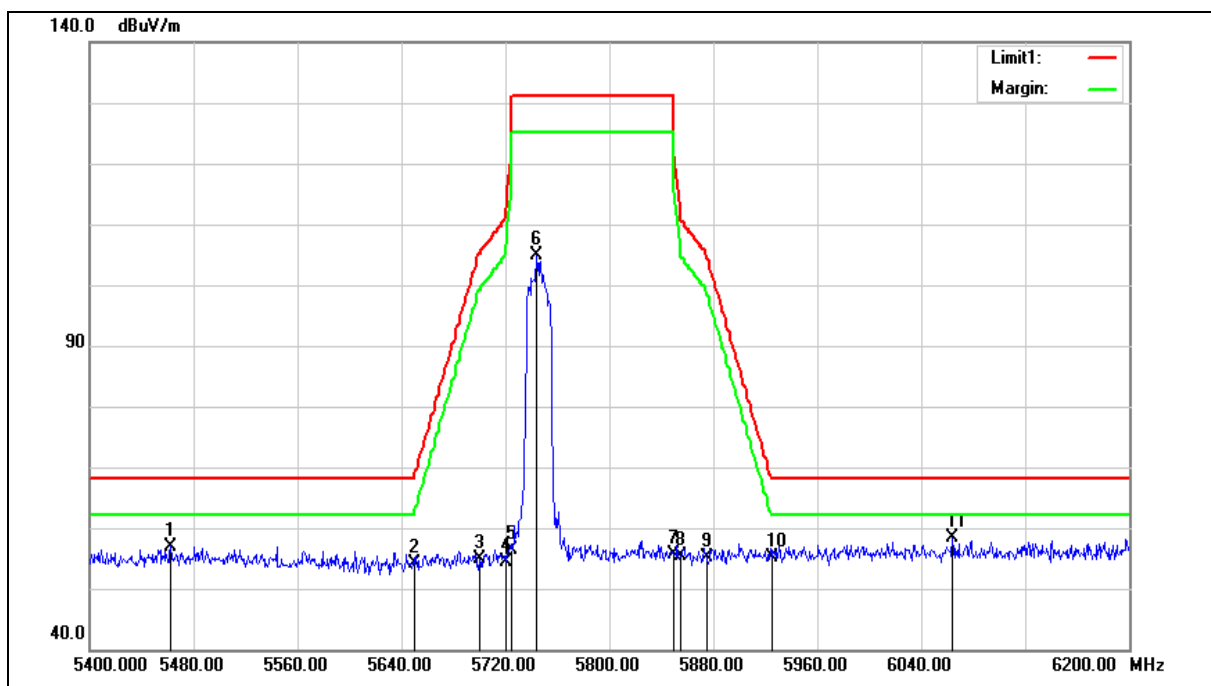
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 item: Band edge
Frequency: 5745 MHz
Mode: Mode 6
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5462.400	50.84	6.16	57.00	68.20	-11.20	peak
2	5650.000	47.52	6.61	54.13	68.20	-14.07	peak
3	5700.000	48.08	6.74	54.82	105.20	-50.38	peak
4	5720.000	47.69	6.79	54.48	110.80	-56.32	peak
5	5725.000	49.49	6.81	56.30	122.20	-65.90	peak
6	5744.000	98.03	6.86	104.89	--	--	peak
7	5850.000	48.41	7.13	55.54	122.20	-66.66	peak
8	5855.000	48.23	7.15	55.38	110.80	-55.42	peak
9	5875.000	47.82	7.20	55.02	105.20	-50.18	peak
10	5925.000	47.75	7.34	55.09	68.20	-13.11	peak
11	6064.000	50.64	7.82	58.46	68.20	-9.74	peak

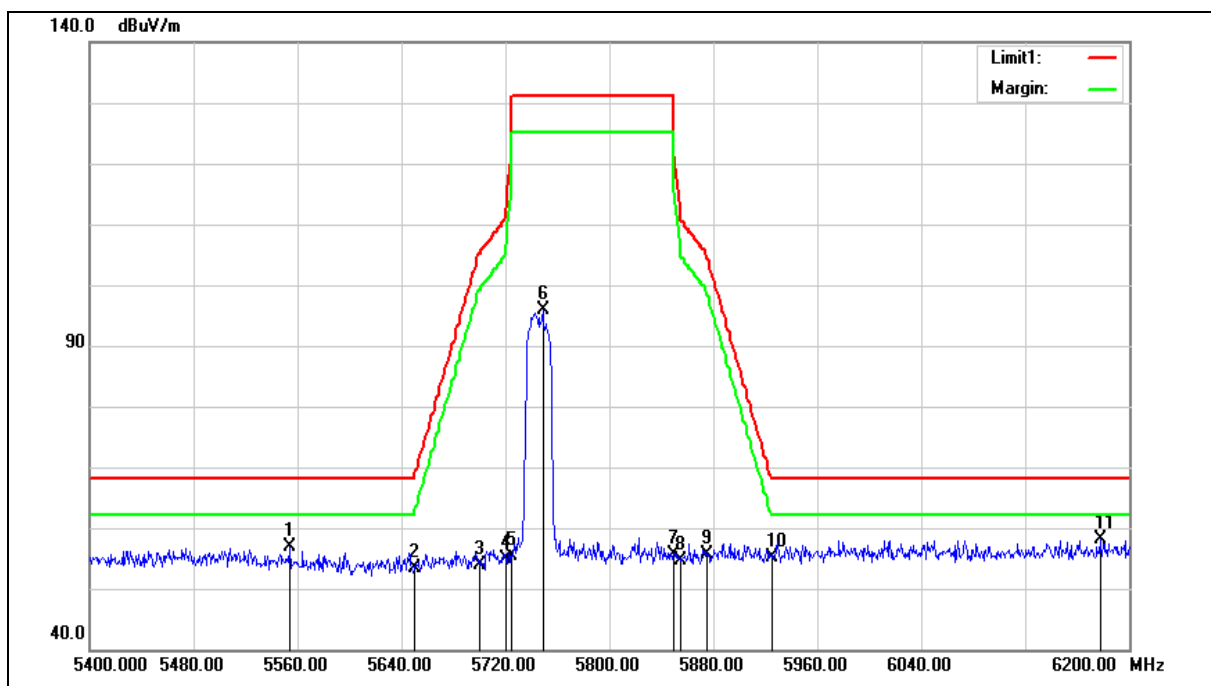
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5745 MHz
Mode: Mode 6
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5554.400	50.54	6.35	56.89	68.20	-11.31	peak
2	5650.000	46.70	6.61	53.31	68.20	-14.89	peak
3	5700.000	47.14	6.74	53.88	105.20	-51.32	peak
4	5720.000	48.20	6.79	54.99	110.80	-55.81	peak
5	5725.000	48.55	6.81	55.36	122.20	-66.84	peak
6	5748.800	88.89	6.87	95.76	--	--	peak
7	5850.000	48.46	7.13	55.59	122.20	-66.61	peak
8	5855.000	47.46	7.15	54.61	110.80	-56.19	peak
9	5875.000	48.32	7.20	55.52	105.20	-49.68	peak
10	5925.000	47.84	7.34	55.18	68.20	-13.02	peak
11	6177.600	49.92	8.30	58.22	68.20	-9.98	peak

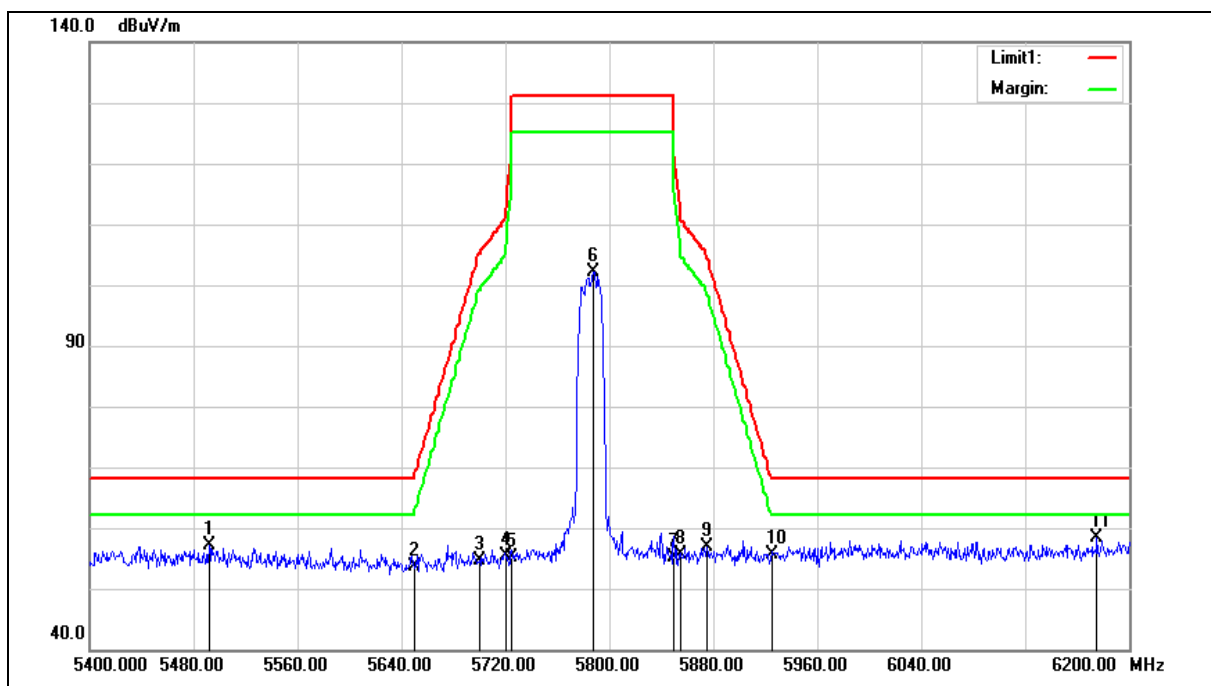
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5785 MHz
Mode: Mode 6
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5492.000	50.92	6.20	57.12	68.20	-11.08	peak
2	5650.000	47.02	6.61	53.63	68.20	-14.57	peak
3	5700.000	47.79	6.74	54.53	105.20	-50.67	peak
4	5720.000	48.71	6.79	55.50	110.80	-55.30	peak
5	5725.000	48.32	6.81	55.13	122.20	-67.07	peak
6	5788.000	95.17	6.97	102.14	--	--	peak
7	5850.000	47.99	7.13	55.12	122.20	-67.08	peak
8	5855.000	48.38	7.15	55.53	110.80	-55.27	peak
9	5875.000	49.65	7.20	56.85	105.20	-48.35	peak
10	5925.000	48.18	7.34	55.52	68.20	-12.68	peak
11	6175.200	50.03	8.30	58.33	68.20	-9.87	peak

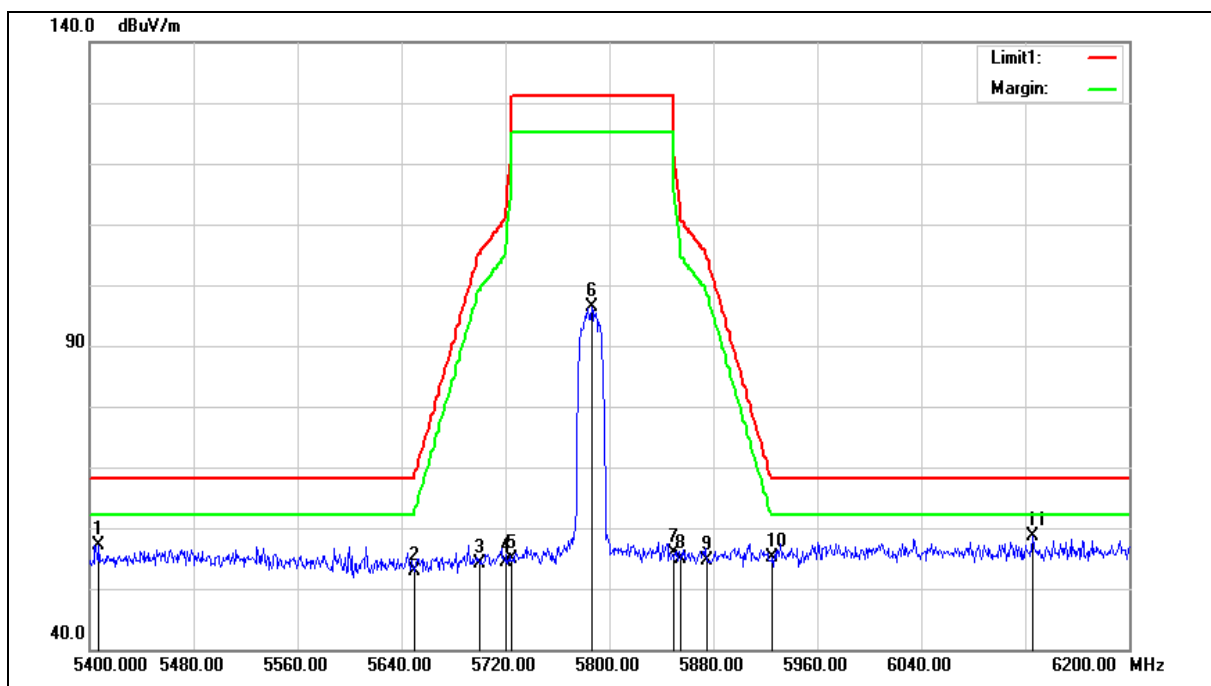
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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 item: Band edge
Frequency: 5785 MHz
Mode: Mode 6
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5407.200	51.14	6.11	57.25	68.20	-10.95	peak
2	5650.000	46.16	6.61	52.77	68.20	-15.43	peak
3	5700.000	47.39	6.74	54.13	105.20	-51.07	peak
4	5720.000	47.68	6.79	54.47	110.80	-56.33	peak
5	5725.000	48.12	6.81	54.93	122.20	-67.27	peak
6	5786.400	89.41	6.96	96.37	--	--	peak
7	5850.000	48.82	7.13	55.95	122.20	-66.25	peak
8	5855.000	47.74	7.15	54.89	110.80	-55.91	peak
9	5875.000	47.52	7.20	54.72	105.20	-50.48	peak
10	5925.000	47.74	7.34	55.08	68.20	-13.12	peak
11	6125.600	50.45	8.08	58.53	68.20	-9.67	peak

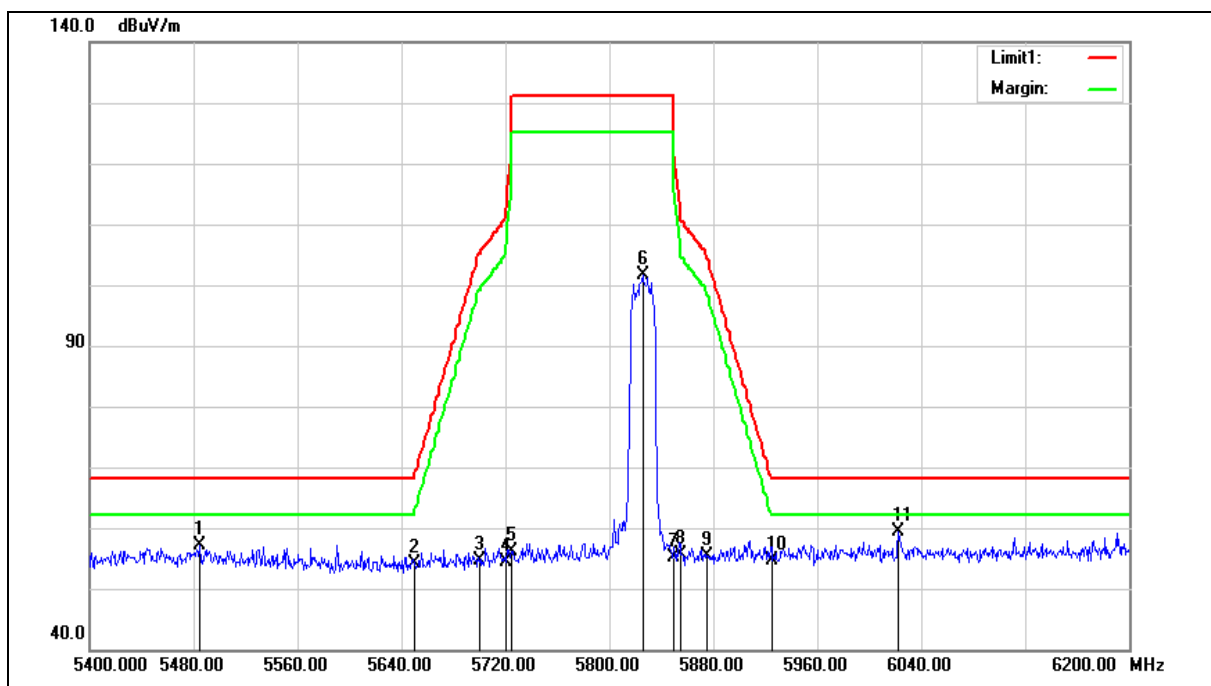
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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 item: Band edge
Frequency: 5825 MHz
Mode: Mode 6
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

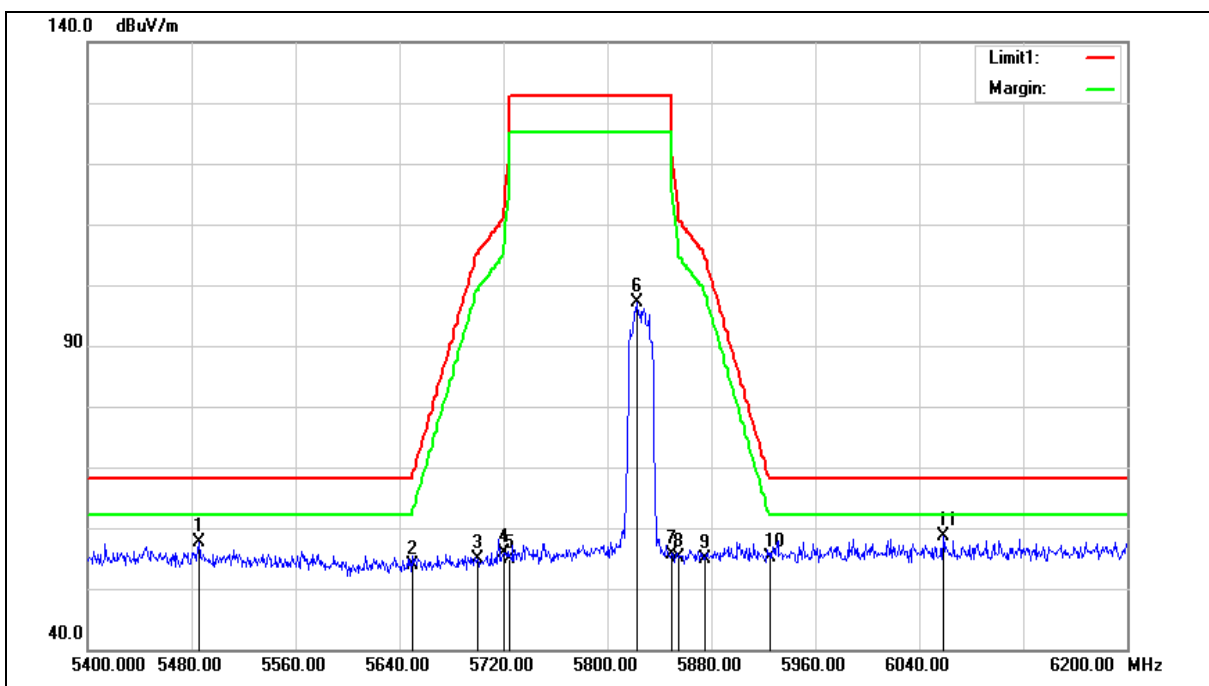
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5484.800	51.02	6.19	57.21	68.20	-10.99	peak
2	5650.000	47.42	6.61	54.03	68.20	-14.17	peak
3	5700.000	47.99	6.74	54.73	105.20	-50.47	peak
4	5720.000	47.62	6.79	54.41	110.80	-56.39	peak
5	5725.000	49.31	6.81	56.12	122.20	-66.08	peak
6	5825.600	94.55	7.08	101.63	--	--	peak
7	5850.000	47.93	7.13	55.06	122.20	-67.14	peak
8	5855.000	48.43	7.15	55.58	110.80	-55.22	peak
9	5875.000	48.29	7.20	55.49	105.20	-49.71	peak
10	5925.000	47.35	7.34	54.69	68.20	-13.51	peak
11	6022.400	51.69	7.64	59.33	68.20	-8.87	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

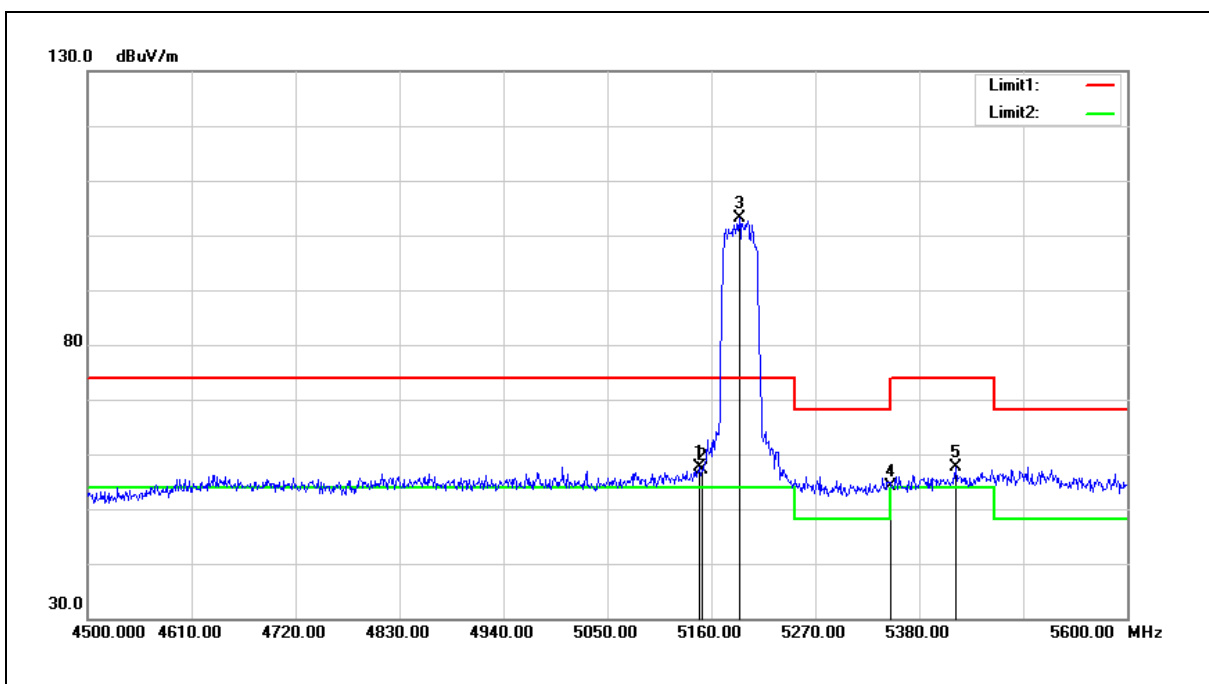
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5485.600	51.53	6.19	57.72	68.20	-10.48	peak
2	5650.000	47.27	6.61	53.88	68.20	-14.32	peak
3	5700.000	48.11	6.74	54.85	105.20	-50.35	peak
4	5720.000	49.18	6.79	55.97	110.80	-54.83	peak
5	5725.000	48.07	6.81	54.88	122.20	-67.32	peak
6	5822.400	90.05	7.06	97.11	--	--	peak
7	5850.000	48.51	7.13	55.64	122.20	-66.56	peak
8	5855.000	47.94	7.15	55.09	110.80	-55.71	peak
9	5875.000	47.80	7.20	55.00	105.20	-50.20	peak
10	5925.000	47.73	7.34	55.07	68.20	-13.13	peak
11	6058.400	50.74	7.79	58.53	68.20	-9.67	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



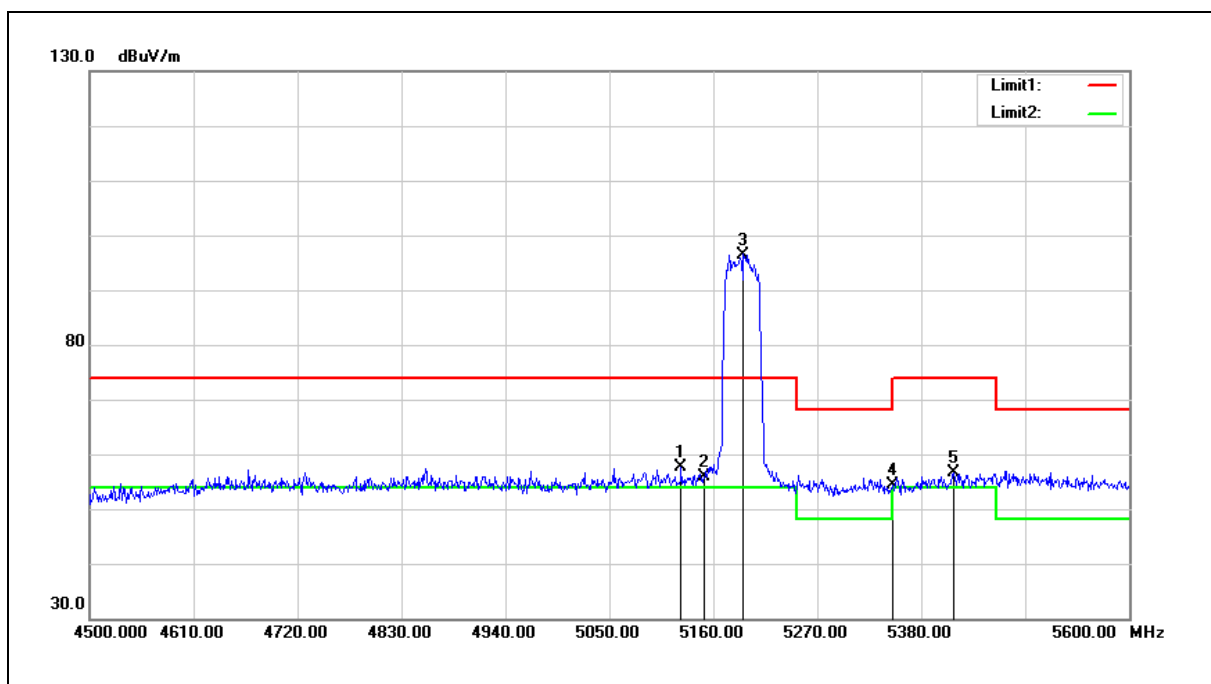
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	51.70	5.82	57.52	74.00	-16.48	peak
2	5150.000	51.39	5.81	57.20	74.00	-16.80	peak
3	5189.700	97.32	5.85	103.17	--	--	peak
4	5350.000	48.13	6.03	54.16	74.00	-19.84	peak
5	5418.500	51.46	6.11	57.57	74.00	-16.43	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



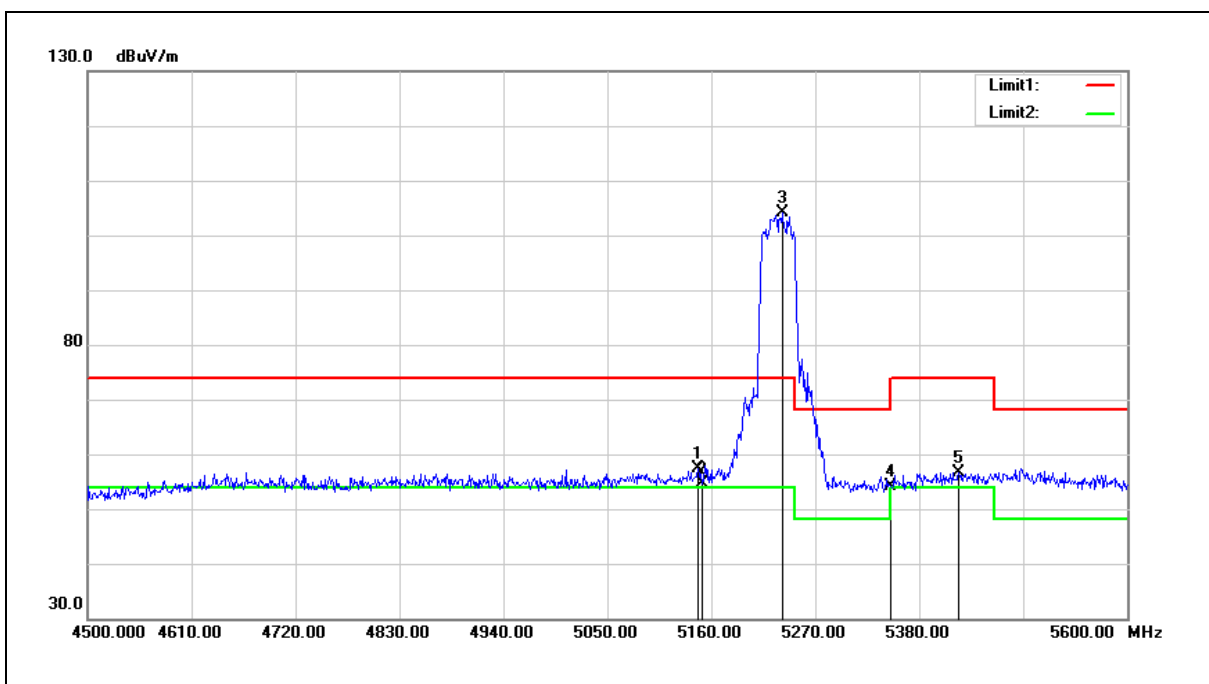
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5125.900	51.81	5.79	57.60	74.00	-16.40	peak
2	5150.000	50.07	5.81	55.88	74.00	-18.12	peak
3	5191.900	90.65	5.85	96.50	--	--	peak
4	5350.000	48.32	6.03	54.35	74.00	-19.65	peak
5	5414.100	50.48	6.11	56.59	74.00	-17.41	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



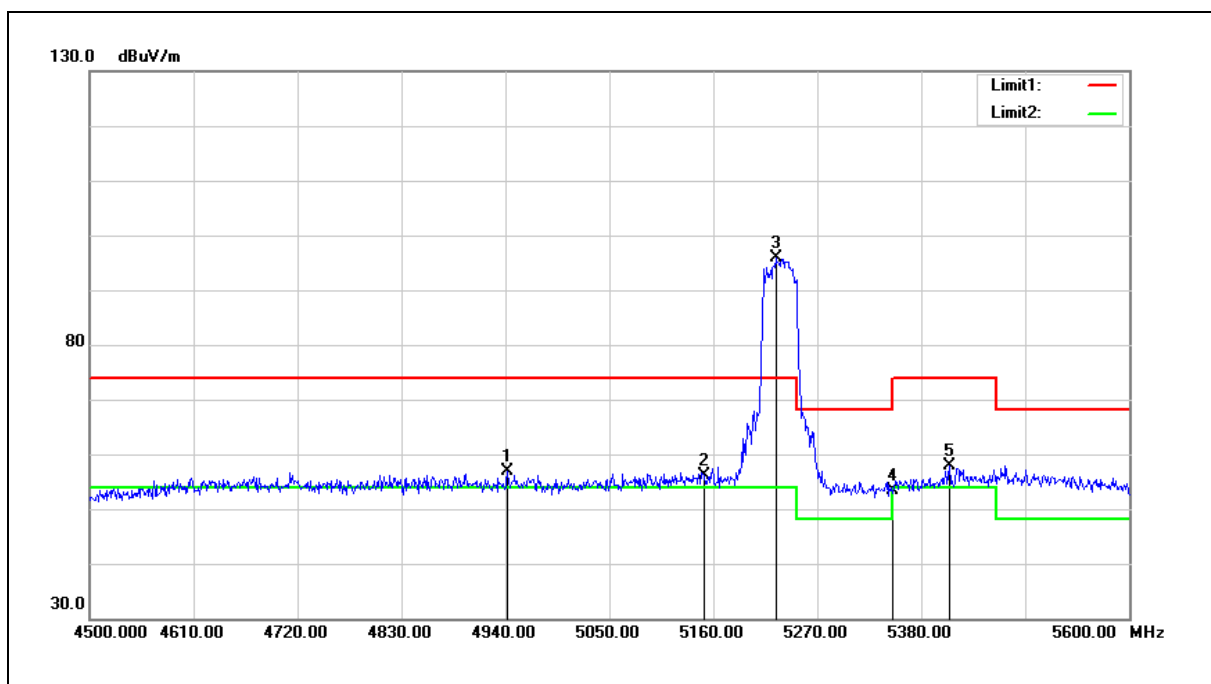
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	51.65	5.81	57.46	74.00	-16.54	peak
2	5150.000	48.72	5.81	54.53	74.00	-19.47	peak
3	5234.800	98.12	5.91	104.03	--	--	peak
4	5350.000	48.10	6.03	54.13	74.00	-19.87	peak
5	5421.800	50.48	6.13	56.61	74.00	-17.39	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
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	4942.200	51.37	5.46	56.83	74.00	-17.17	peak
2	5150.000	50.32	5.81	56.13	74.00	-17.87	peak
3	5226.000	89.98	5.90	95.88	--	--	peak
4	5350.000	47.41	6.03	53.44	74.00	-20.56	peak
5	5409.700	51.83	6.11	57.94	74.00	-16.06	peak

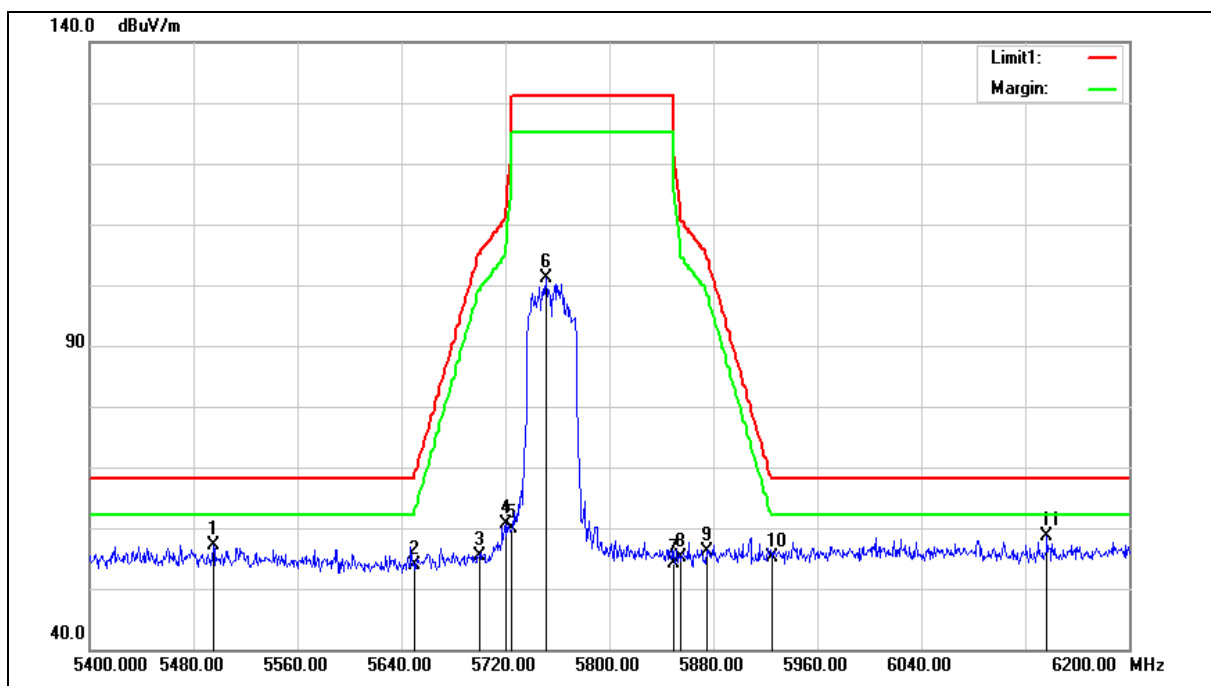
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 item: Band edge
Frequency: 5755 MHz
Mode: Mode 7
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
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	5495.200	50.83	6.21	57.04	68.20	-11.16	peak
2	5650.000	47.19	6.61	53.80	68.20	-14.40	peak
3	5700.000	48.53	6.74	55.27	105.20	-49.93	peak
4	5720.000	53.83	6.79	60.62	110.80	-50.18	peak
5	5725.000	53.11	6.81	59.92	122.20	-62.28	peak
6	5751.200	94.21	6.87	101.08	--	--	peak
7	5850.000	46.92	7.13	54.05	122.20	-68.15	peak
8	5855.000	47.92	7.15	55.07	110.80	-55.73	peak
9	5875.000	48.93	7.20	56.13	105.20	-49.07	peak
10	5925.000	47.82	7.34	55.16	68.20	-13.04	peak
11	6136.800	50.60	8.13	58.73	68.20	-9.47	peak

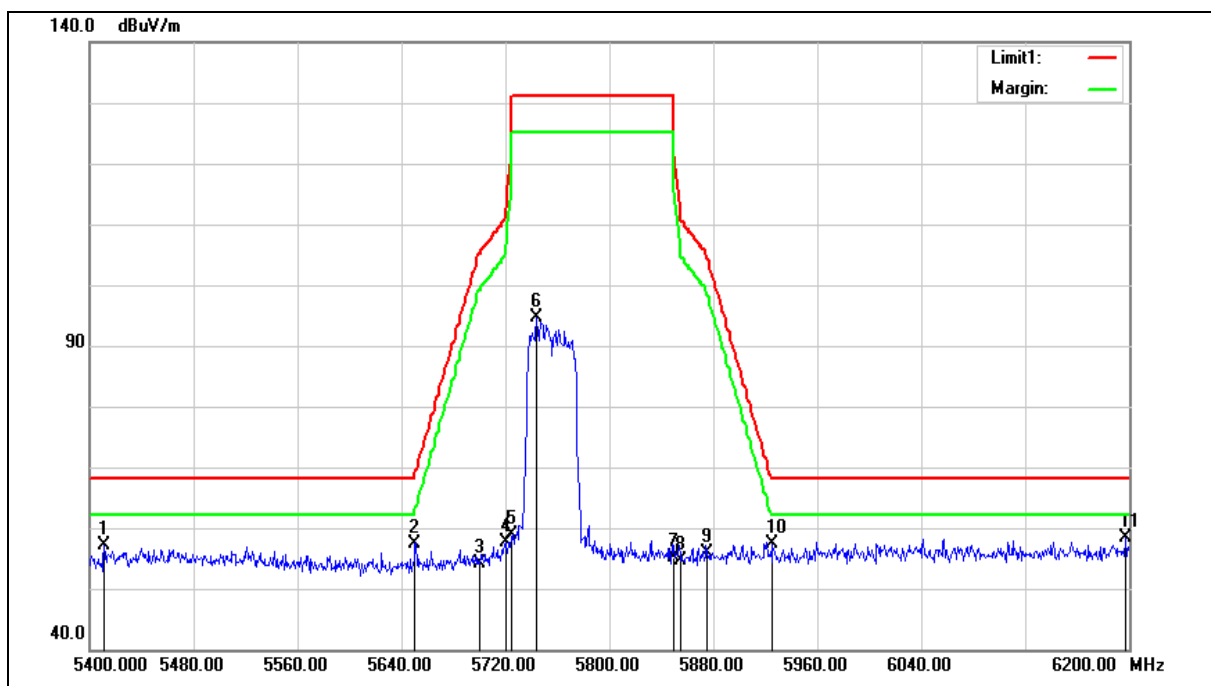
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5755 MHz
Mode: Mode 7
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
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	5411.200	51.09	6.11	57.20	68.20	-11.00	peak
2	5650.000	50.81	6.61	57.42	68.20	-10.78	peak
3	5700.000	47.40	6.74	54.14	105.20	-51.06	peak
4	5720.000	50.95	6.79	57.74	110.80	-53.06	peak
5	5725.000	52.09	6.81	58.90	122.20	-63.30	peak
6	5744.000	87.74	6.86	94.60	--	--	peak
7	5850.000	48.07	7.13	55.20	122.20	-67.00	peak
8	5855.000	47.37	7.15	54.52	110.80	-56.28	peak
9	5875.000	48.72	7.20	55.92	105.20	-49.28	peak
10	5925.000	50.09	7.34	57.43	68.20	-10.77	peak
11	6197.600	49.94	8.39	58.33	68.20	-9.87	peak

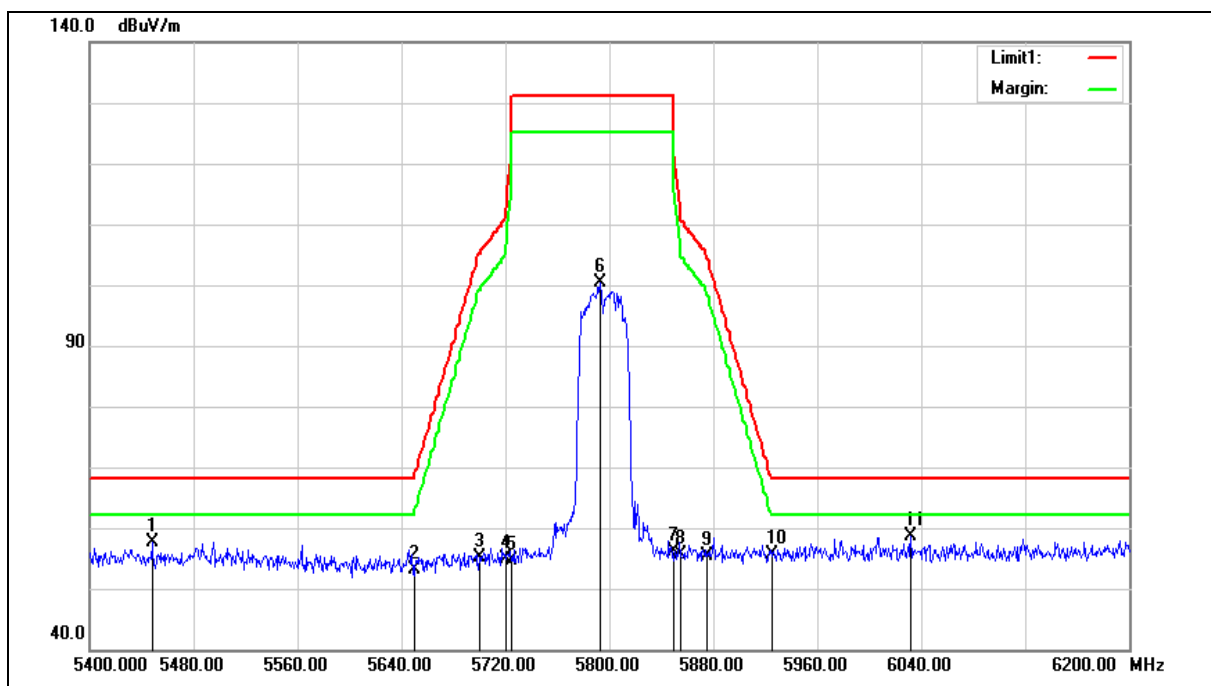
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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 item: Band edge
Frequency: 5795 MHz
Mode: Mode 7
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
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	5448.000	51.57	6.16	57.73	68.20	-10.47	peak
2	5650.000	46.44	6.61	53.05	68.20	-15.15	peak
3	5700.000	48.34	6.74	55.08	105.20	-50.12	peak
4	5720.000	48.01	6.79	54.80	110.80	-56.00	peak
5	5725.000	47.75	6.81	54.56	122.20	-67.64	peak
6	5792.800	93.32	6.98	100.30	--	--	peak
7	5850.000	48.92	7.13	56.05	122.20	-66.15	peak
8	5855.000	48.44	7.15	55.59	110.80	-55.21	peak
9	5875.000	48.15	7.20	55.35	105.20	-49.85	peak
10	5925.000	48.32	7.34	55.66	68.20	-12.54	peak
11	6032.000	50.88	7.67	58.55	68.20	-9.65	peak

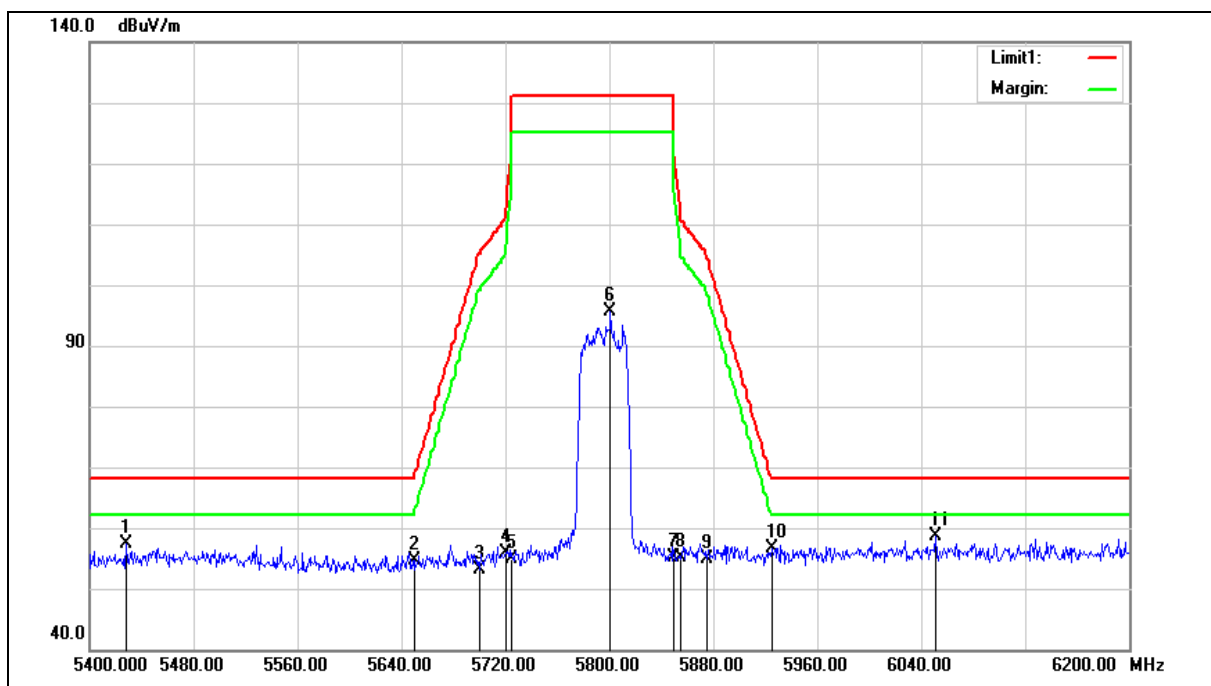
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5795 MHz
Mode: Mode 7
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		

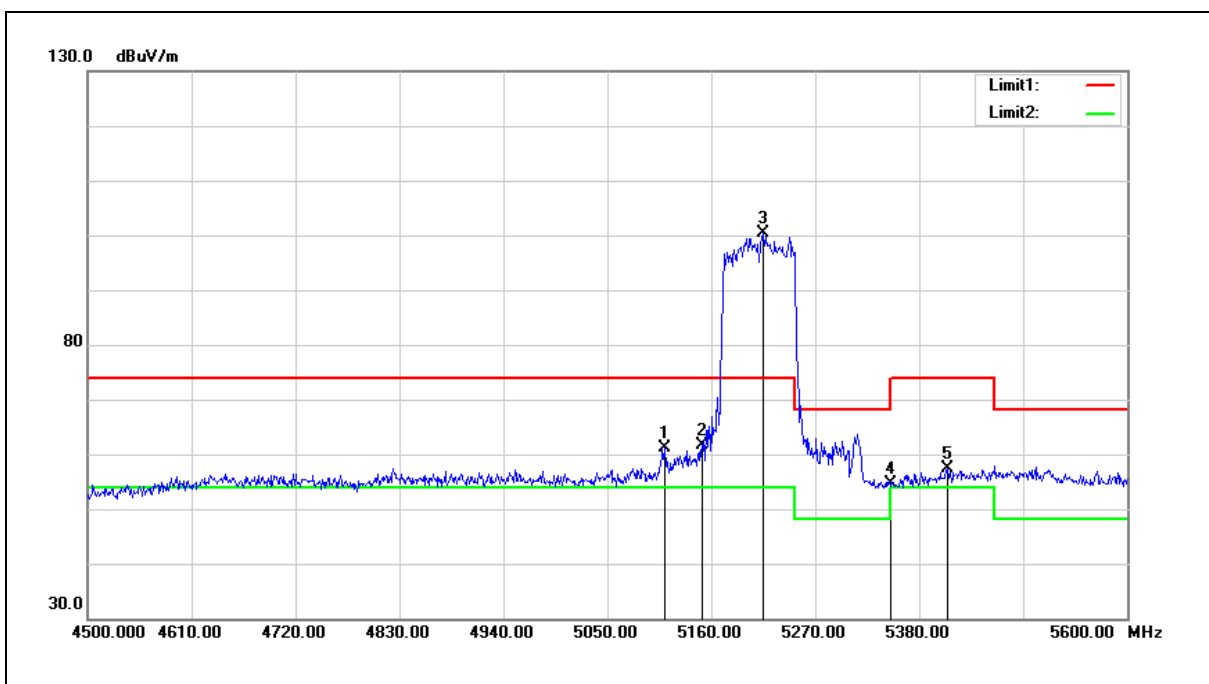
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5428.000	51.23	6.13	57.36	68.20	-10.84	peak
2	5650.000	47.91	6.61	54.52	68.20	-13.68	peak
3	5700.000	46.37	6.74	53.11	105.20	-52.09	peak
4	5720.000	49.20	6.79	55.99	110.80	-54.81	peak
5	5725.000	48.14	6.81	54.95	122.20	-67.25	peak
6	5800.800	88.66	7.00	95.66	--	--	peak
7	5850.000	47.98	7.13	55.11	122.20	-67.09	peak
8	5855.000	47.98	7.15	55.13	110.80	-55.67	peak
9	5875.000	47.80	7.20	55.00	105.20	-50.20	peak
10	5925.000	49.26	7.34	56.60	68.20	-11.60	peak
11	6051.200	50.90	7.75	58.65	68.20	-9.55	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:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



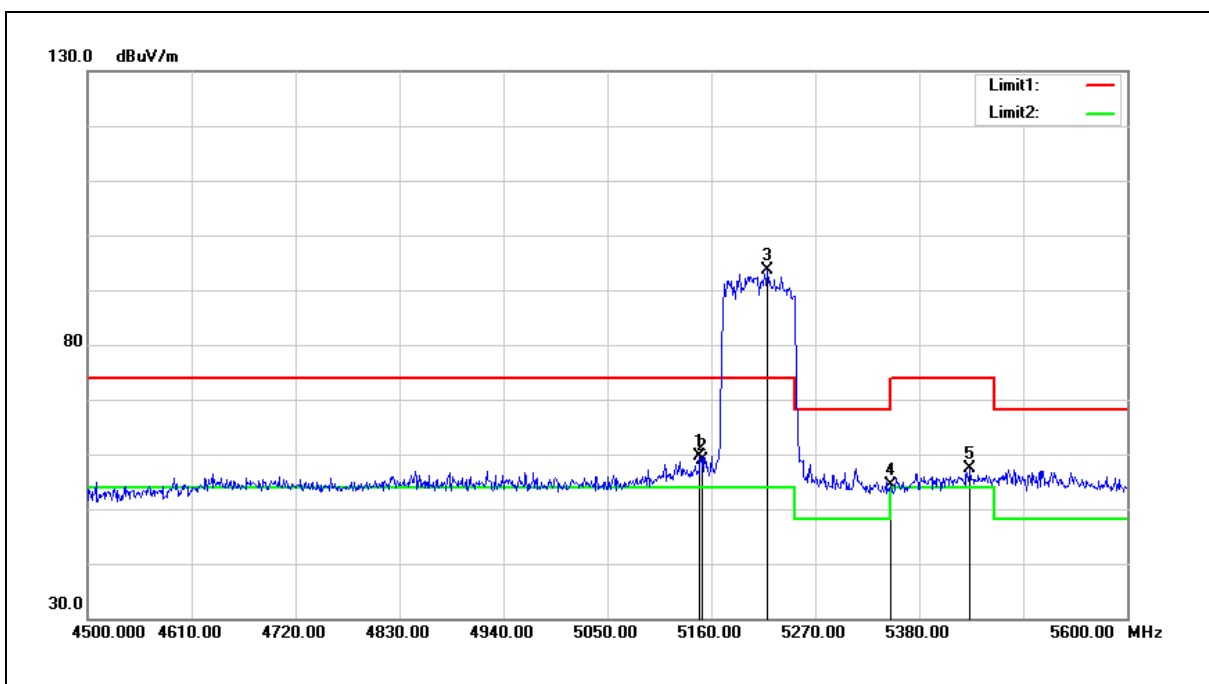
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5110.500	55.38	5.77	61.15	74.00	-12.85	peak
2	5150.000	55.71	5.81	61.52	74.00	-12.48	peak
3	5215.000	94.61	5.88	100.49	--	--	peak
4	5350.000	48.66	6.03	54.69	74.00	-19.31	peak
5	5409.700	51.26	6.11	57.37	74.00	-16.63	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:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	53.82	5.82	59.64	74.00	-14.36	peak
2	5150.000	53.14	5.81	58.95	74.00	-15.05	peak
3	5219.400	87.68	5.90	93.58	--	--	peak
4	5350.000	48.39	6.03	54.42	74.00	-19.58	peak
5	5433.900	51.33	6.14	57.47	74.00	-16.53	peak

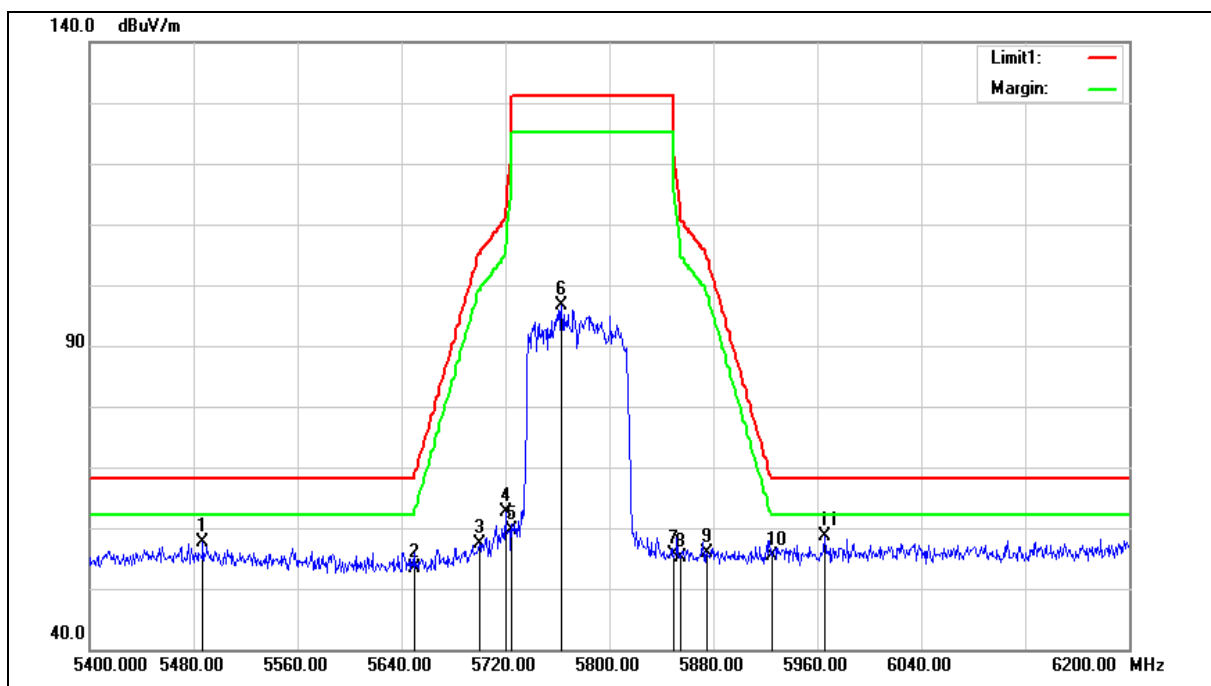
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 item: Band edge
Frequency: 5775 MHz
Mode: Mode 10
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5487.200	51.40	6.19	57.59	68.20	-10.61	peak
2	5650.000	46.76	6.61	53.37	68.20	-14.83	peak
3	5700.000	50.59	6.74	57.33	105.20	-47.87	peak
4	5720.000	55.92	6.79	62.71	110.80	-48.09	peak
5	5725.000	52.77	6.81	59.58	122.20	-62.62	peak
6	5763.200	89.61	6.90	96.51	--	--	peak
7	5850.000	48.61	7.13	55.74	122.20	-66.46	peak
8	5855.000	47.90	7.15	55.05	110.80	-55.75	peak
9	5875.000	48.70	7.20	55.90	105.20	-49.30	peak
10	5925.000	48.10	7.34	55.44	68.20	-12.76	peak
11	5965.600	51.28	7.43	58.71	68.20	-9.49	peak

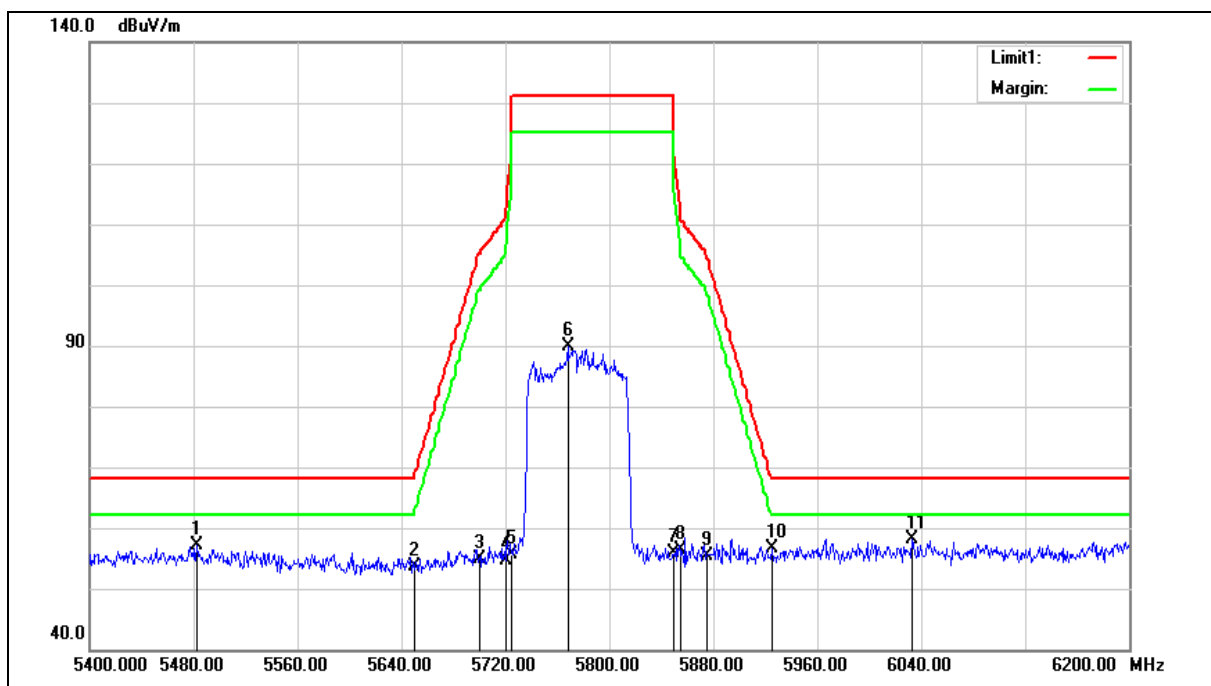
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5775 MHz
Mode: Mode 10
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5482.400	50.86	6.19	57.05	68.20	-11.15	peak
2	5650.000	46.90	6.61	53.51	68.20	-14.69	peak
3	5700.000	48.18	6.74	54.92	105.20	-50.28	peak
4	5720.000	47.83	6.79	54.62	110.80	-56.18	peak
5	5725.000	48.90	6.81	55.71	122.20	-66.49	peak
6	5768.000	82.92	6.92	89.84	--	--	peak
7	5850.000	48.66	7.13	55.79	122.20	-66.41	peak
8	5855.000	49.26	7.15	56.41	110.80	-54.39	peak
9	5875.000	48.24	7.20	55.44	105.20	-49.76	peak
10	5925.000	49.24	7.34	56.58	68.20	-11.62	peak
11	6032.800	50.44	7.67	58.11	68.20	-10.09	peak

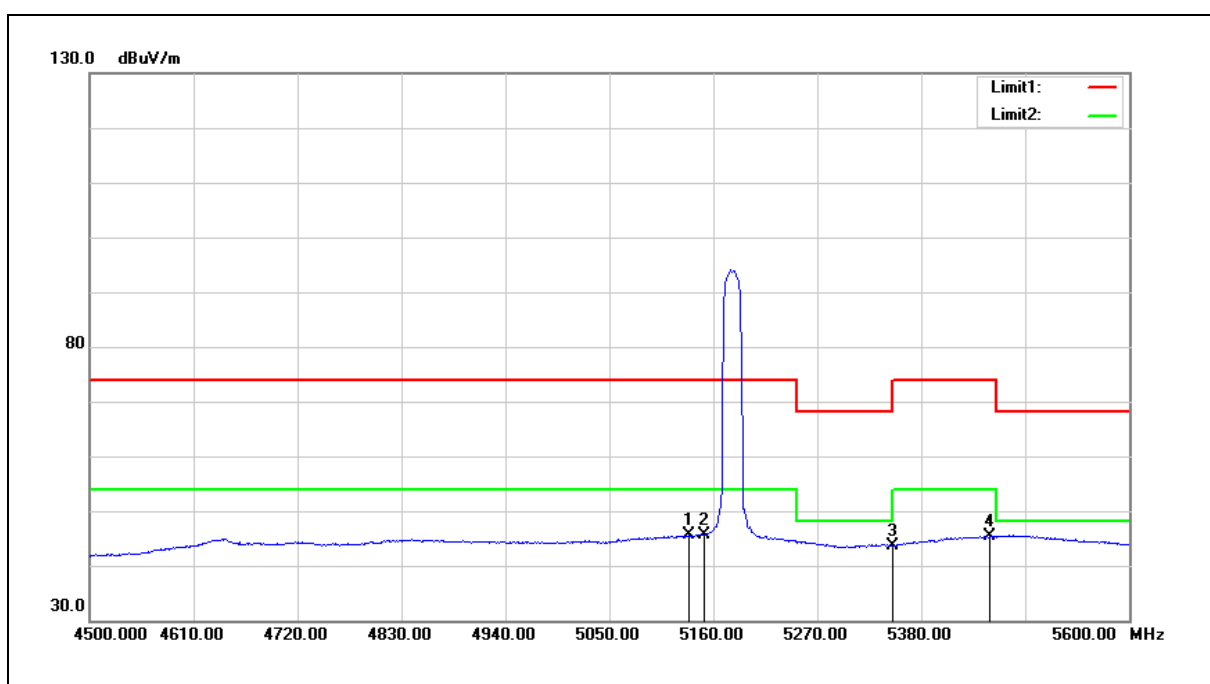
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

Average

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



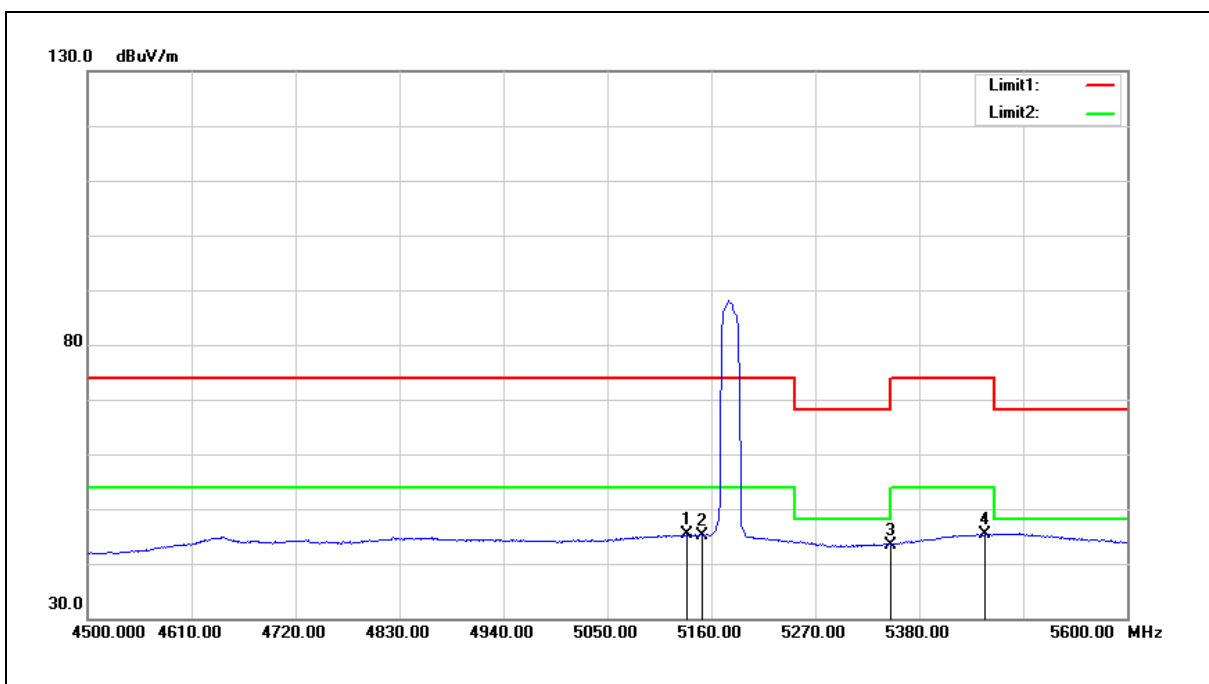
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5133.600	39.90	5.80	45.70	54.00	-8.30	AVG
2	5150.000	39.74	5.81	45.55	54.00	-8.45	AVG
3	5350.000	37.57	6.03	43.60	54.00	-10.40	AVG
4	5452.600	39.28	6.15	45.43	54.00	-8.57	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



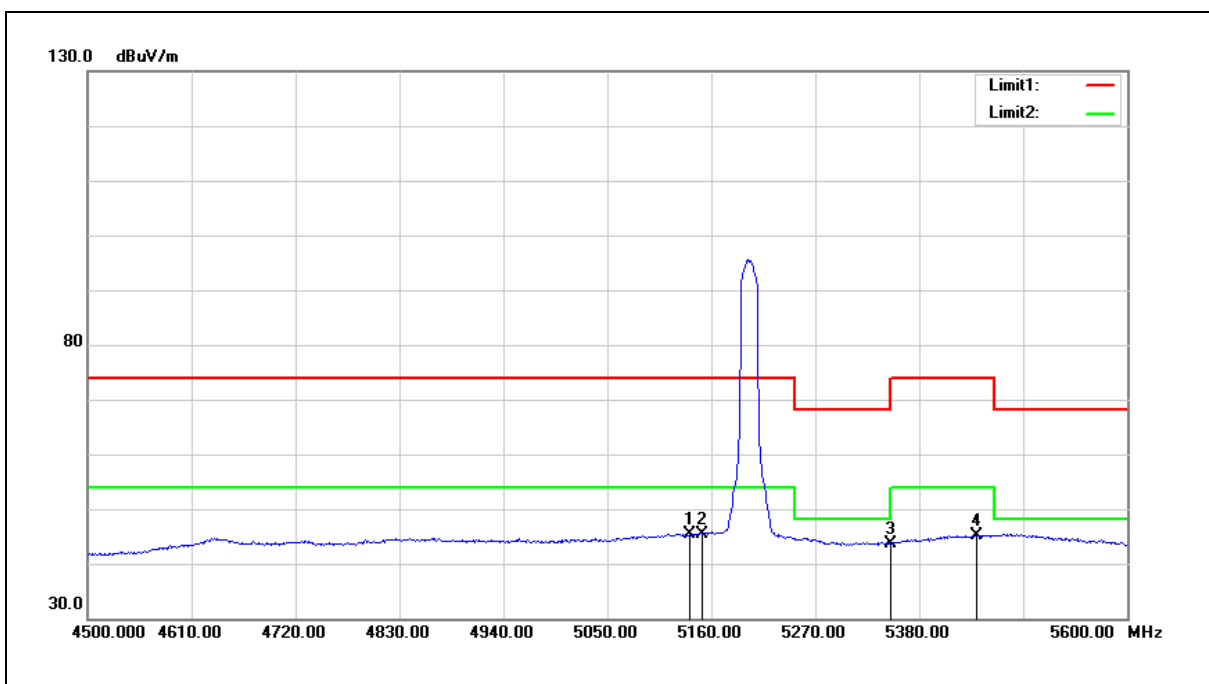
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5134.700	39.54	5.80	45.34	54.00	-8.66	AVG
2	5150.000	39.35	5.81	45.16	54.00	-8.84	AVG
3	5350.000	37.46	6.03	43.49	54.00	-10.51	AVG
4	5449.300	39.30	6.16	45.46	54.00	-8.54	AVG

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:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



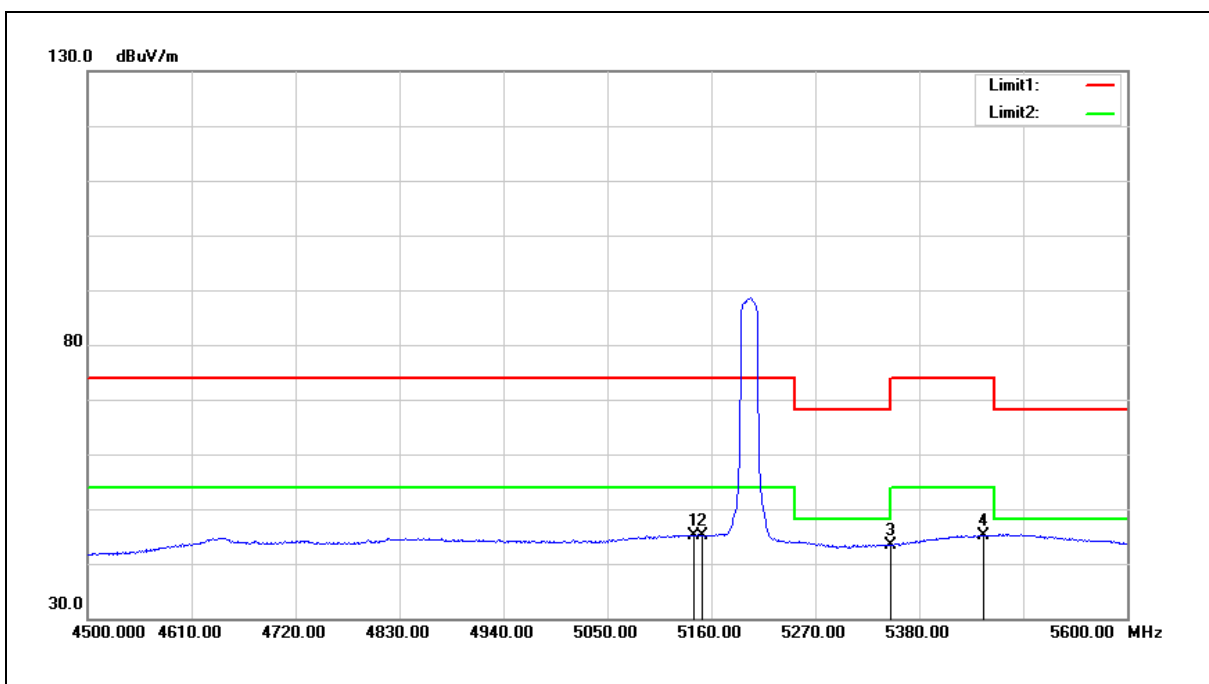
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5136.900	39.68	5.80	45.48	54.00	-8.52	AVG
2	5150.000	39.63	5.81	45.44	54.00	-8.56	AVG
3	5350.000	37.68	6.03	43.71	54.00	-10.29	AVG
4	5440.500	39.10	6.14	45.24	54.00	-8.76	AVG

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:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



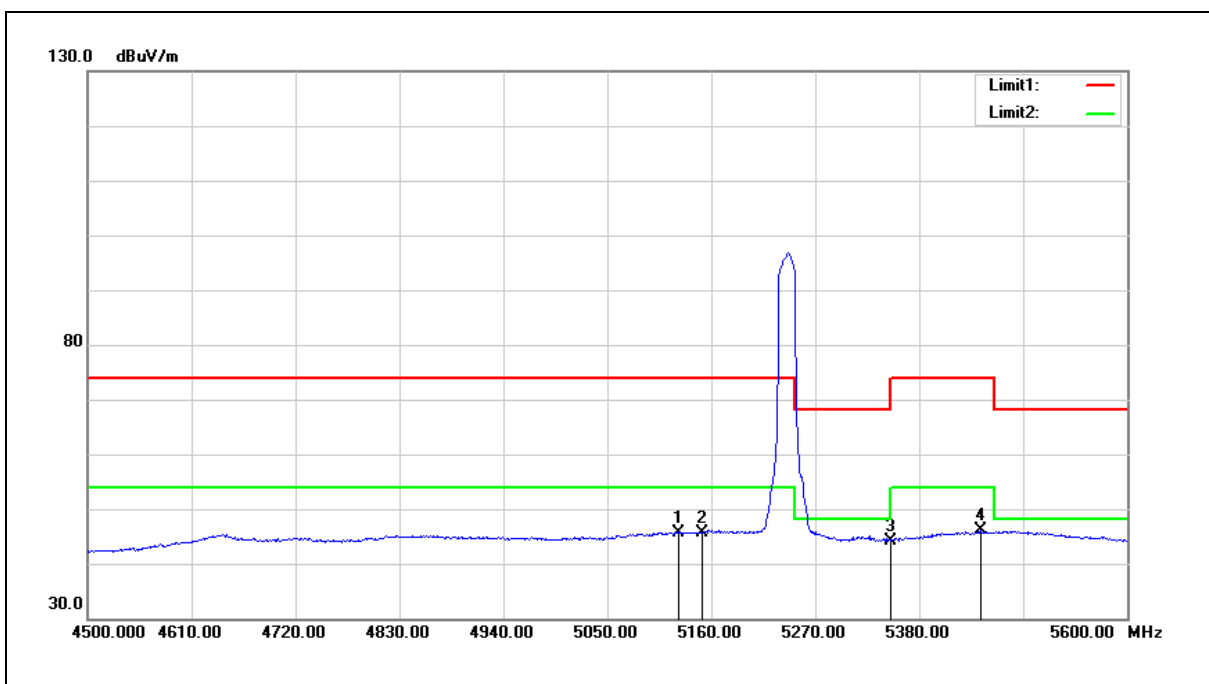
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	39.45	5.80	45.25	54.00	-8.75	AVG
2	5150.000	39.32	5.81	45.13	54.00	-8.87	AVG
3	5350.000	37.41	6.03	43.44	54.00	-10.56	AVG
4	5448.200	39.06	6.16	45.22	54.00	-8.78	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



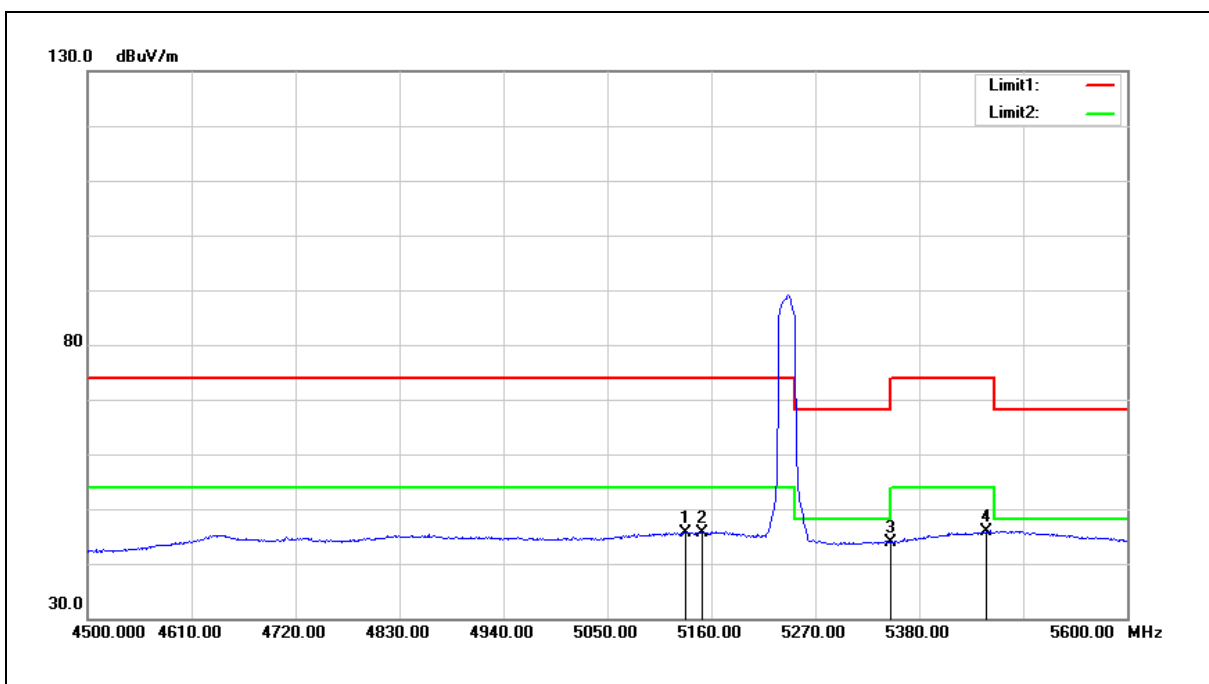
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5125.900	39.96	5.79	45.75	54.00	-8.25	AVG
2	5150.000	39.74	5.81	45.55	54.00	-8.45	AVG
3	5350.000	38.22	6.03	44.25	54.00	-9.75	AVG
4	5444.900	39.85	6.16	46.01	54.00	-7.99	AVG

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		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



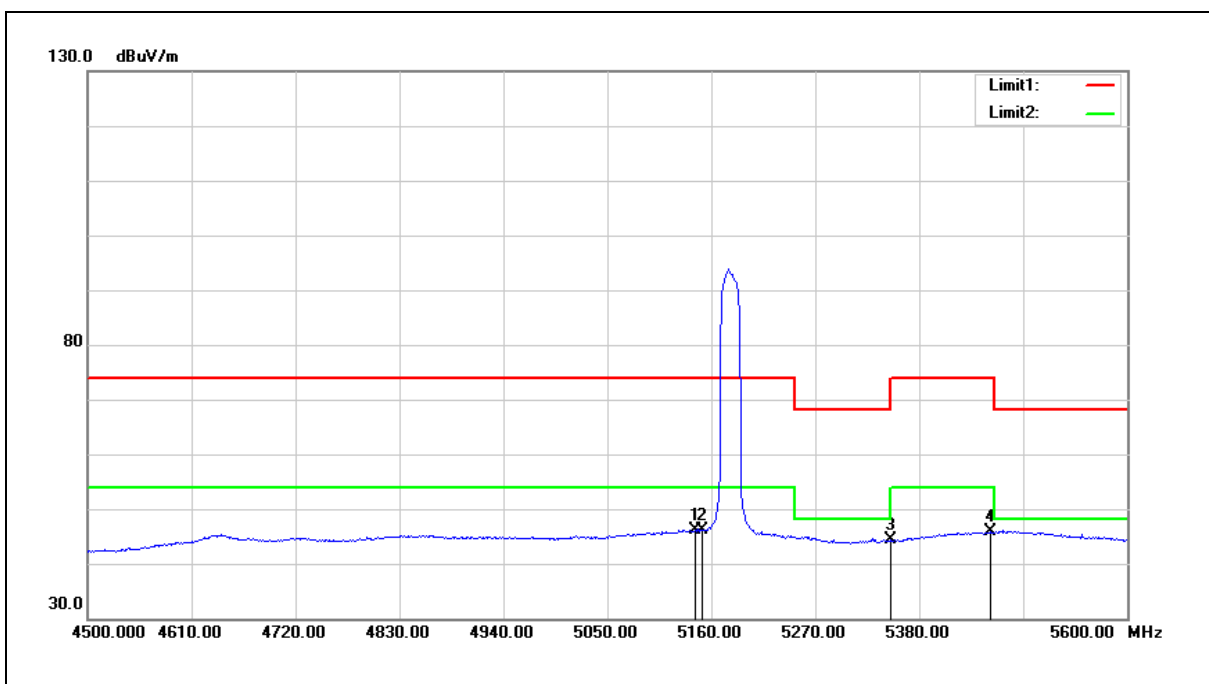
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5132.500	39.87	5.80	45.67	54.00	-8.33	AVG
2	5150.000	39.74	5.81	45.55	54.00	-8.45	AVG
3	5350.000	37.94	6.03	43.97	54.00	-10.03	AVG
4	5451.500	39.63	6.15	45.78	54.00	-8.22	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



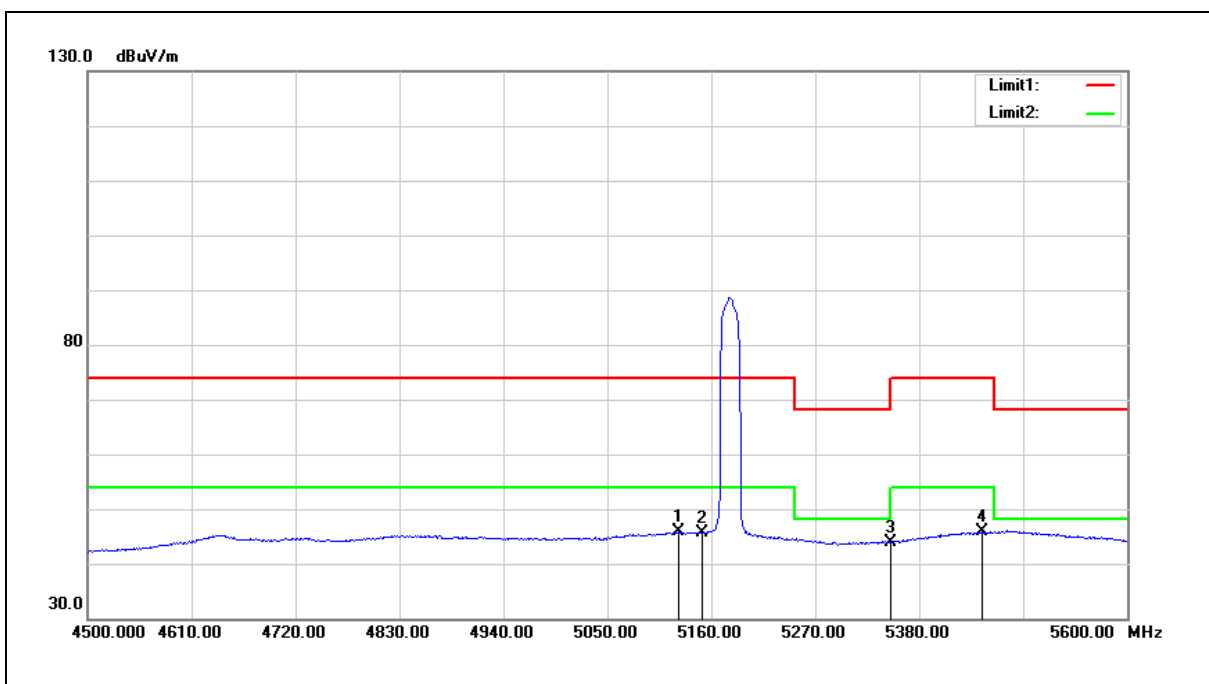
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	40.41	5.80	46.21	54.00	-7.79	AVG
2	5150.000	40.30	5.81	46.11	54.00	-7.89	AVG
3	5350.000	38.33	6.03	44.36	54.00	-9.64	AVG
4	5454.800	39.63	6.15	45.78	54.00	-8.22	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



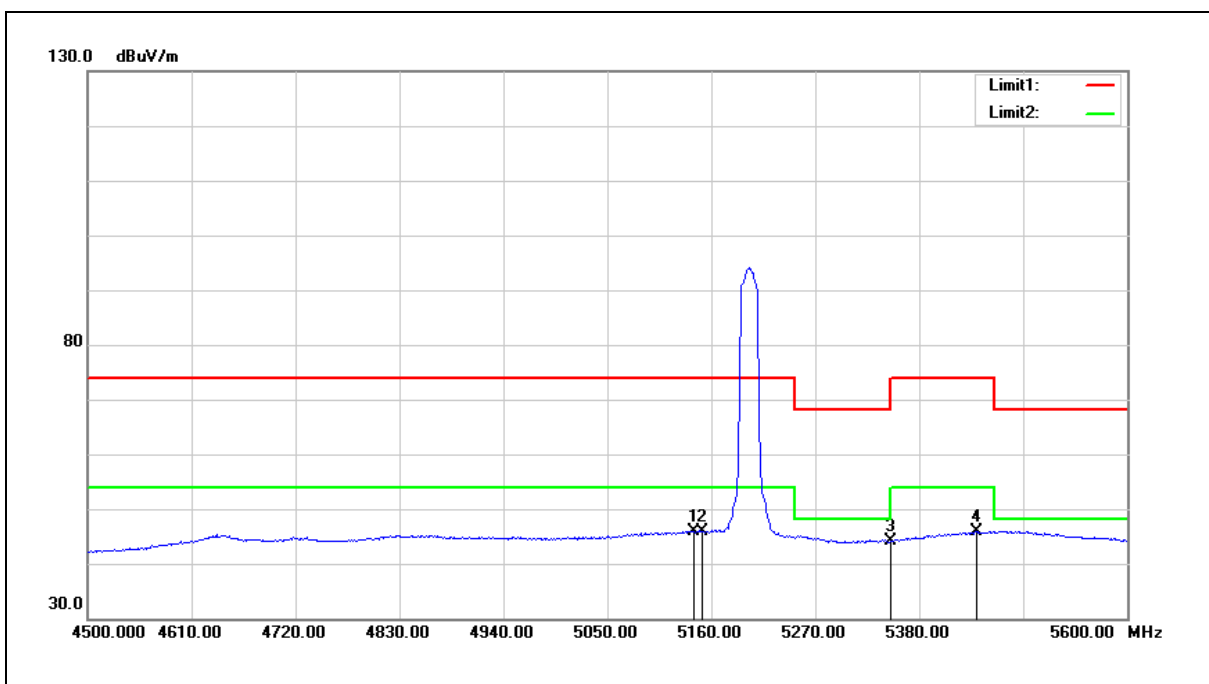
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5125.900	40.06	5.79	45.85	54.00	-8.15	AVG
2	5150.000	39.88	5.81	45.69	54.00	-8.31	AVG
3	5350.000	37.88	6.03	43.91	54.00	-10.09	AVG
4	5446.000	39.71	6.16	45.87	54.00	-8.13	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



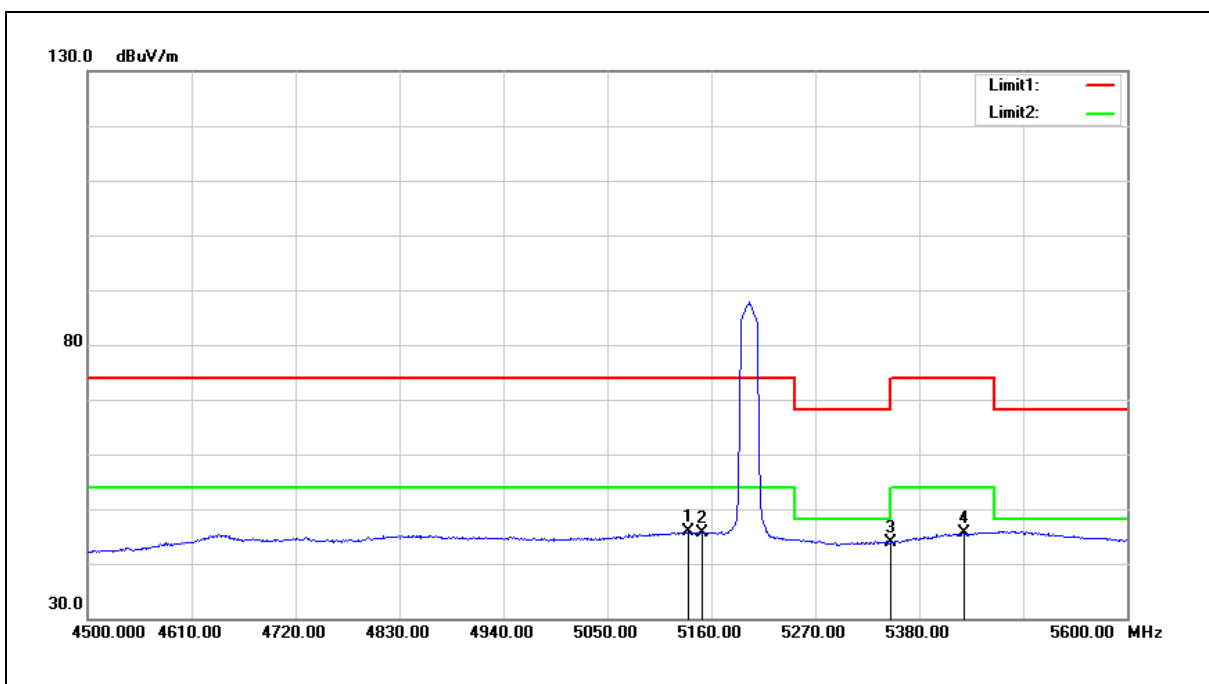
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	40.13	5.80	45.93	54.00	-8.07	AVG
2	5150.000	40.10	5.81	45.91	54.00	-8.09	AVG
3	5350.000	38.07	6.03	44.10	54.00	-9.90	AVG
4	5440.500	39.70	6.14	45.84	54.00	-8.16	AVG

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:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



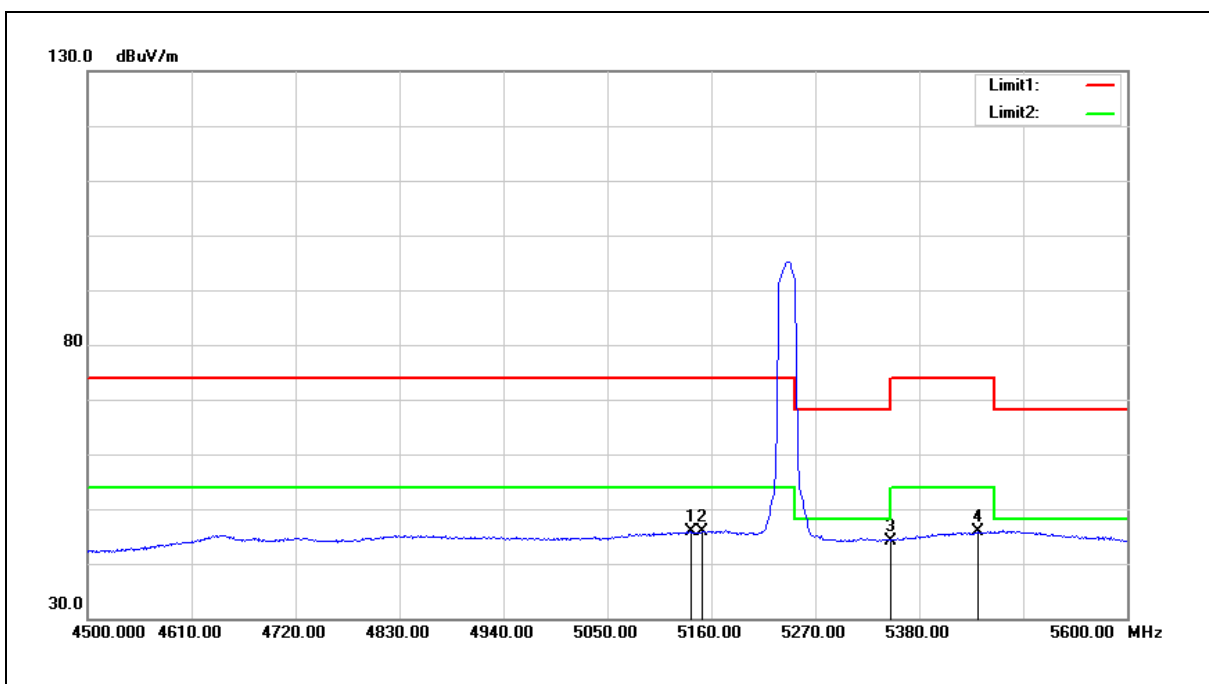
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5135.800	39.97	5.80	45.77	54.00	-8.23	AVG
2	5150.000	39.76	5.81	45.57	54.00	-8.43	AVG
3	5350.000	37.79	6.03	43.82	54.00	-10.18	AVG
4	5427.300	39.59	6.13	45.72	54.00	-8.28	AVG

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:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



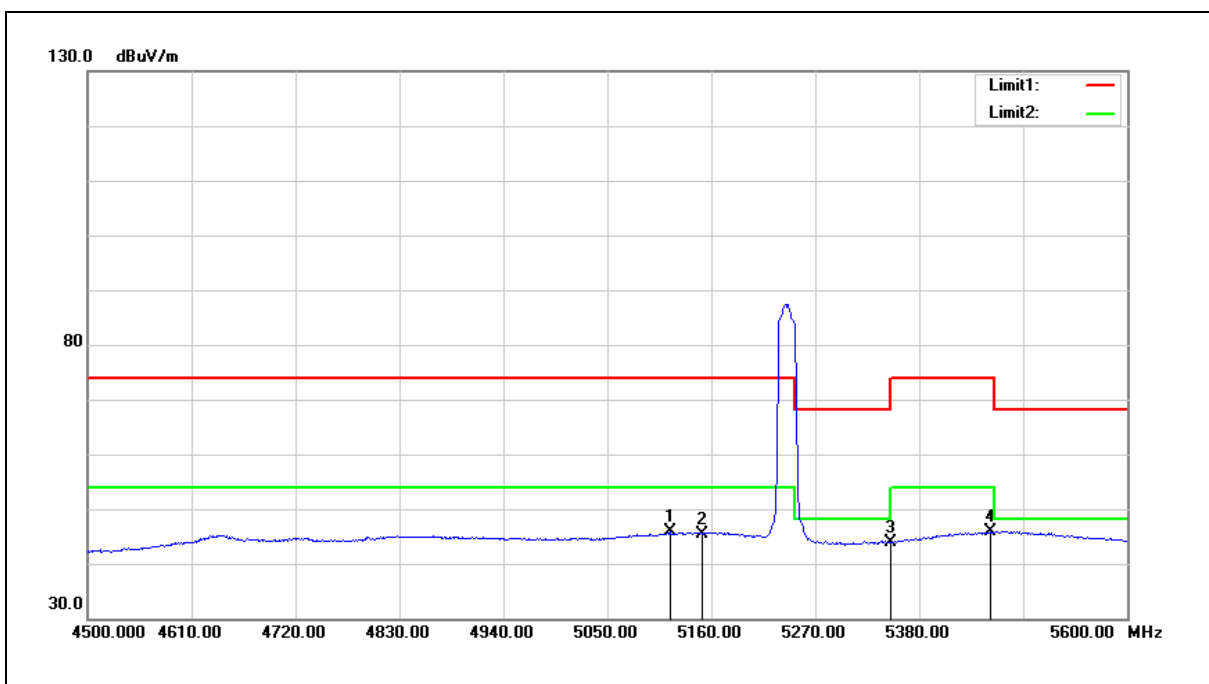
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.000	40.09	5.80	45.89	54.00	-8.11	AVG
2	5150.000	40.13	5.81	45.94	54.00	-8.06	AVG
3	5350.000	38.22	6.03	44.25	54.00	-9.75	AVG
4	5441.600	39.80	6.14	45.94	54.00	-8.06	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



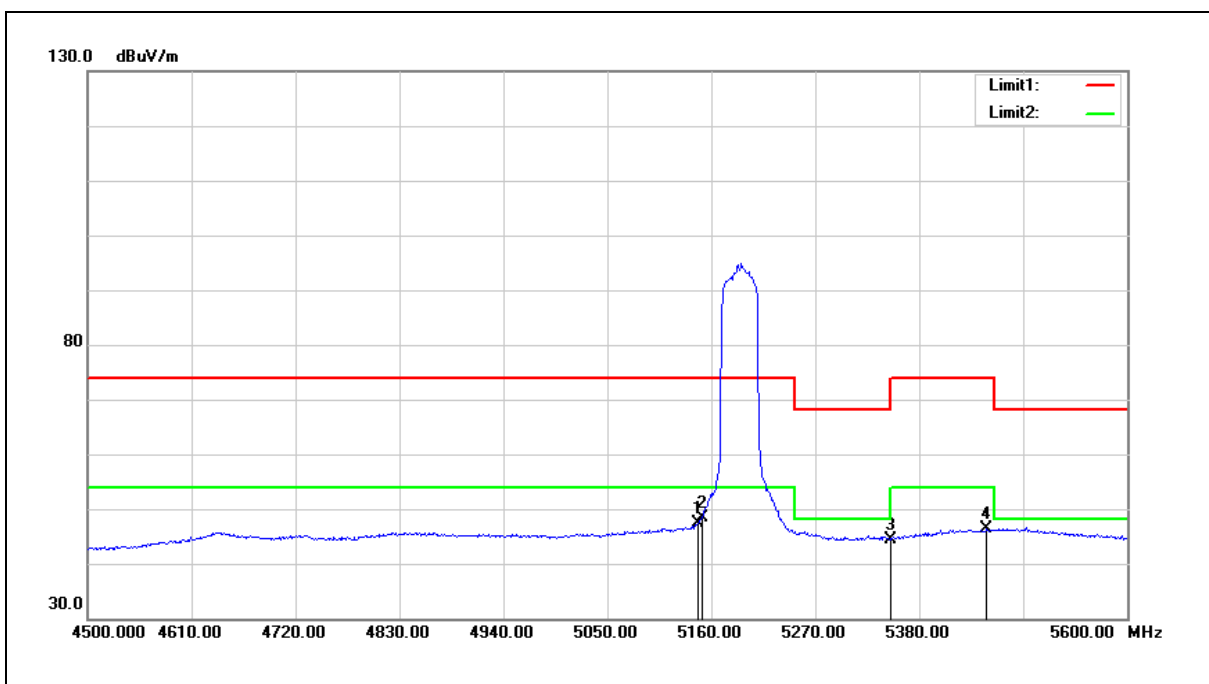
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5116.000	40.01	5.77	45.78	54.00	-8.22	AVG
2	5150.000	39.66	5.81	45.47	54.00	-8.53	AVG
3	5350.000	37.96	6.03	43.99	54.00	-10.01	AVG
4	5454.800	39.70	6.15	45.85	54.00	-8.15	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



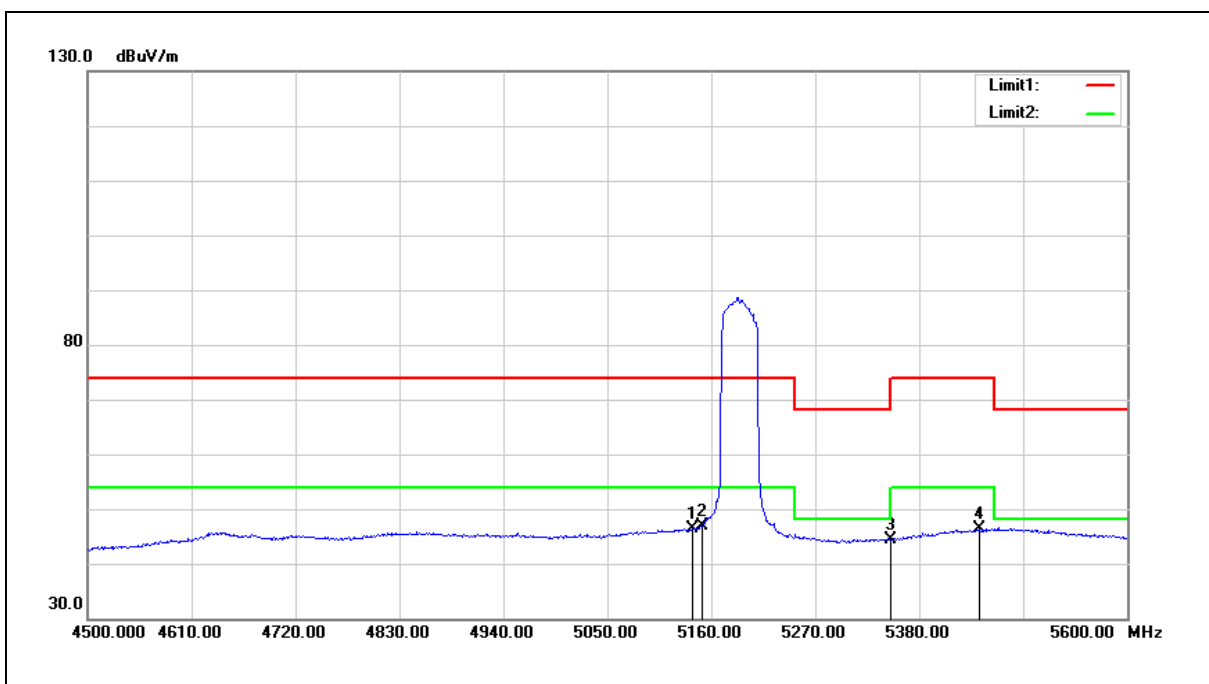
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	41.69	5.81	47.50	54.00	-6.50	AVG
2	5150.000	42.53	5.81	48.34	54.00	-5.66	AVG
3	5350.000	38.47	6.03	44.50	54.00	-9.50	AVG
4	5451.500	40.14	6.15	46.29	54.00	-7.71	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



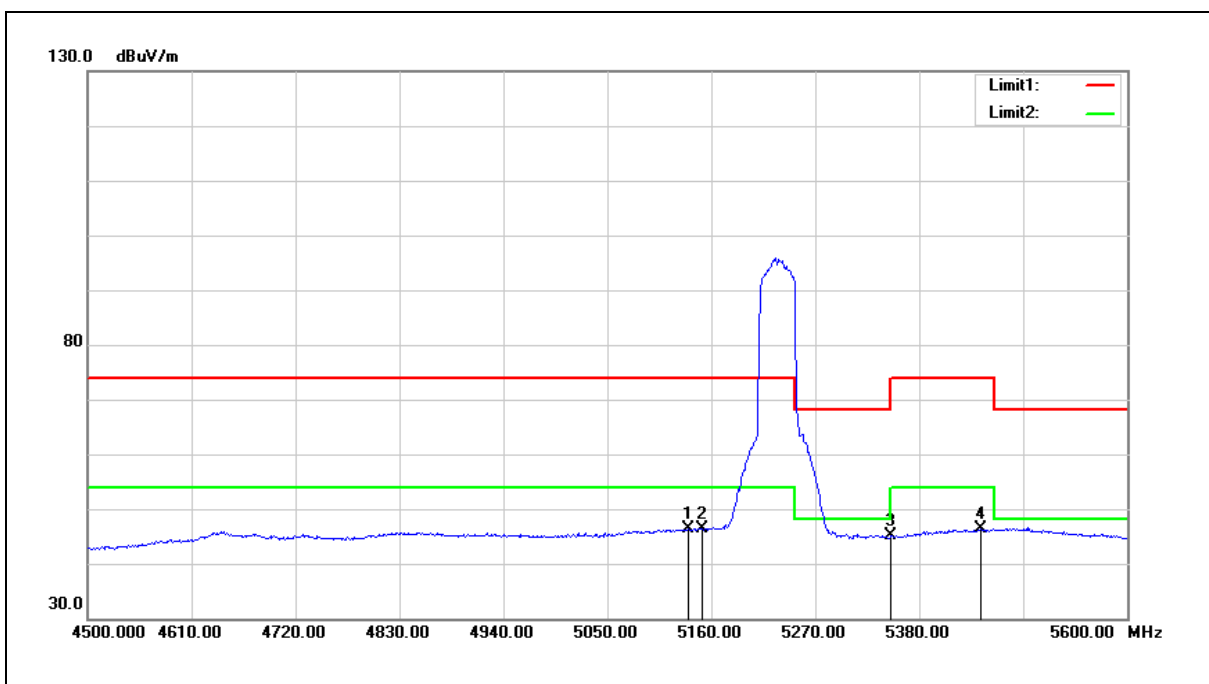
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.200	40.60	5.80	46.40	54.00	-7.60	AVG
2	5150.000	40.97	5.81	46.78	54.00	-7.22	AVG
3	5350.000	38.38	6.03	44.41	54.00	-9.59	AVG
4	5443.800	40.21	6.16	46.37	54.00	-7.63	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



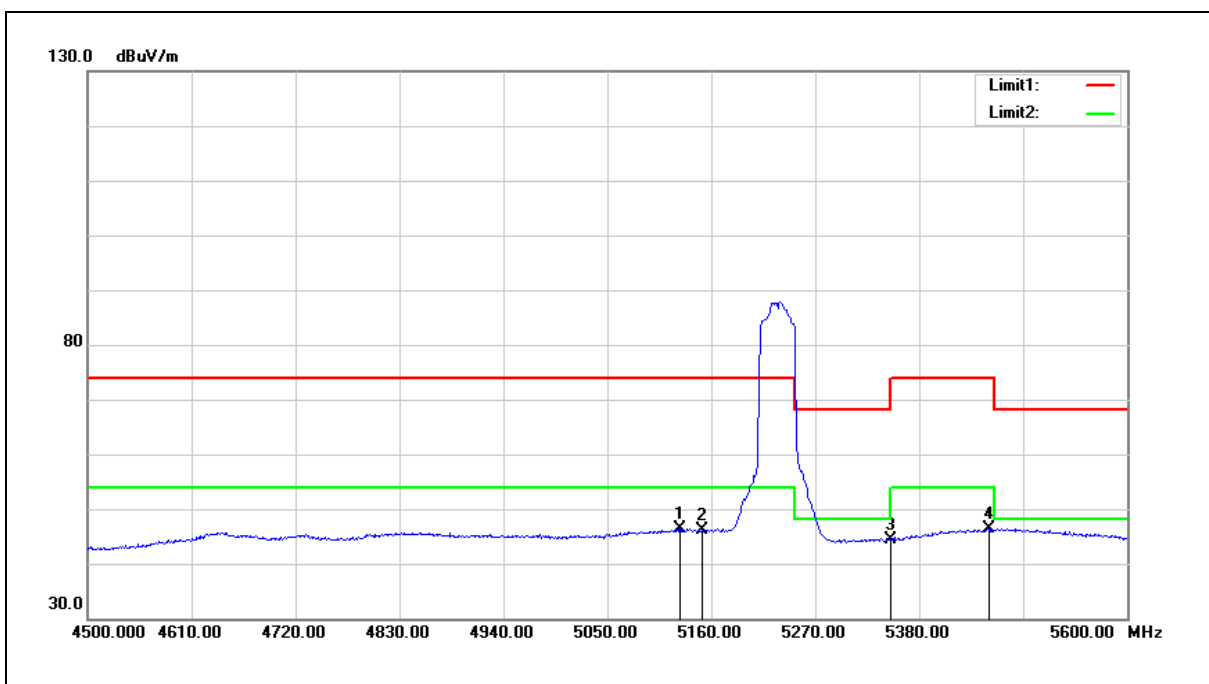
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5135.800	40.61	5.80	46.41	54.00	-7.59	AVG
2	5150.000	40.50	5.81	46.31	54.00	-7.69	AVG
3	5350.000	39.15	6.03	45.18	54.00	-8.82	AVG
4	5444.900	40.17	6.16	46.33	54.00	-7.67	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



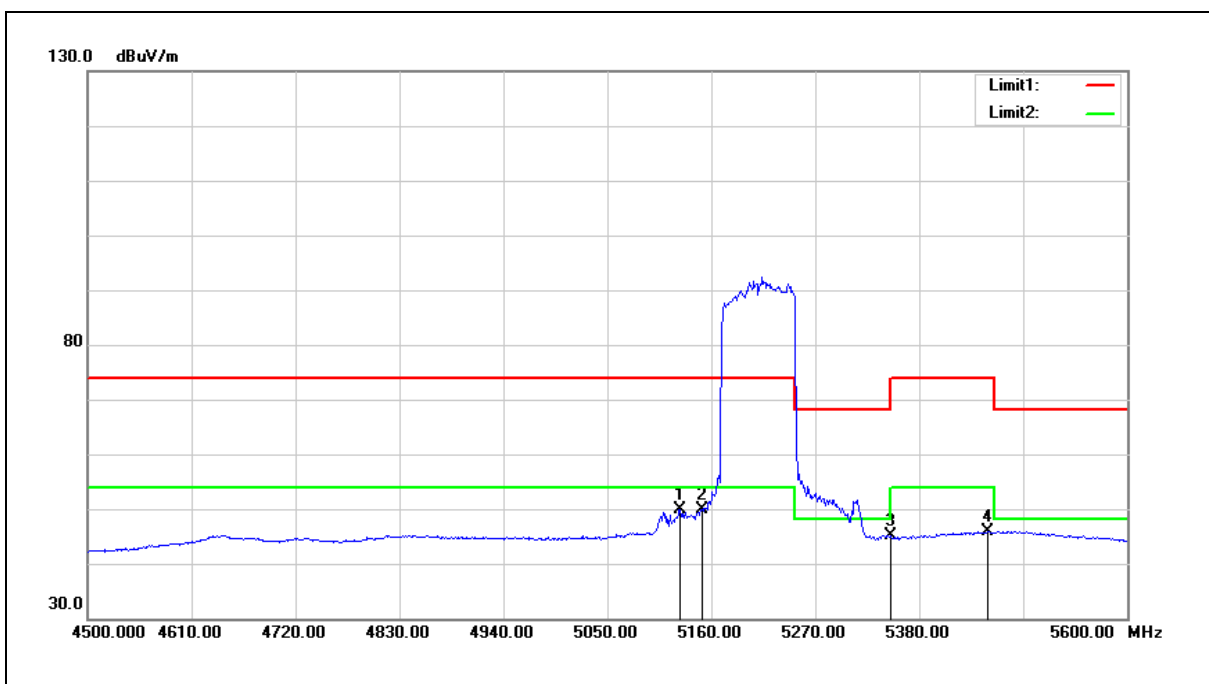
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5127.000	40.69	5.79	46.48	54.00	-7.52	AVG
2	5150.000	40.36	5.81	46.17	54.00	-7.83	AVG
3	5350.000	38.35	6.03	44.38	54.00	-9.62	AVG
4	5453.700	40.22	6.15	46.37	54.00	-7.63	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



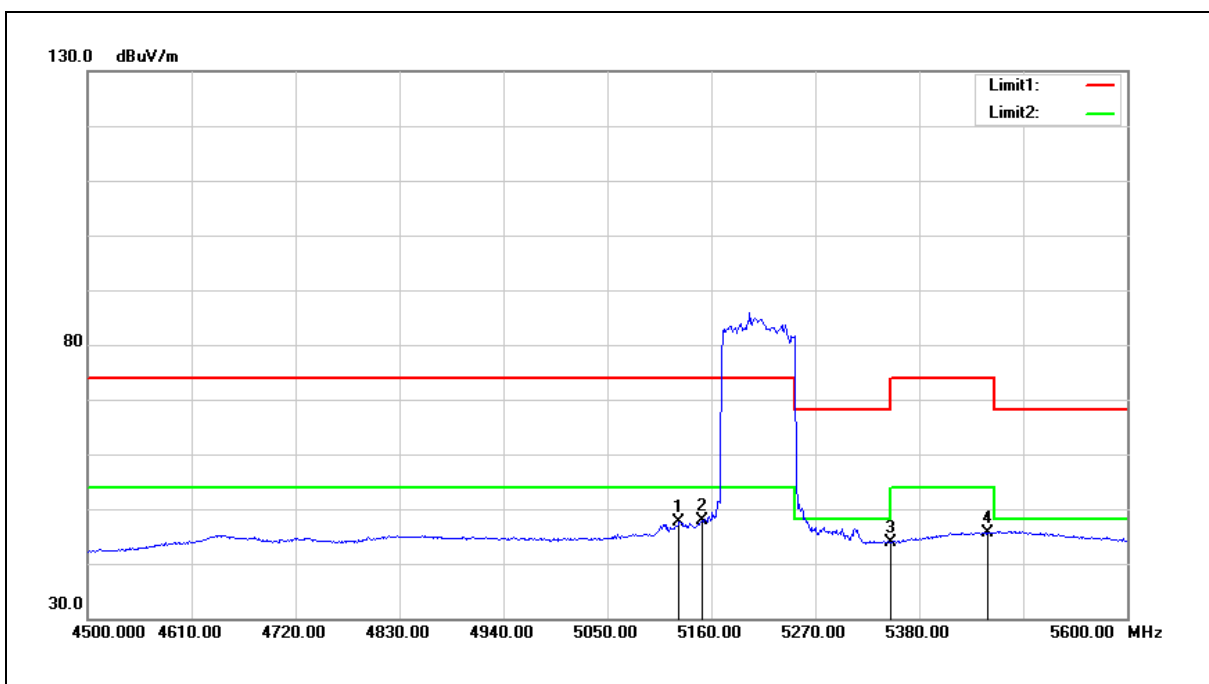
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5127.000	44.01	5.79	49.80	54.00	-4.20	AVG
2	5150.000	44.18	5.81	49.99	54.00	-4.01	AVG
3	5350.000	39.00	6.03	45.03	54.00	-8.97	AVG
4	5452.600	39.61	6.15	45.76	54.00	-8.24	AVG

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:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5125.900	41.90	5.79	47.69	54.00	-6.31	AVG
2	5150.000	42.14	5.81	47.95	54.00	-6.05	AVG
3	5350.000	37.78	6.03	43.81	54.00	-10.19	AVG
4	5452.600	39.50	6.15	45.65	54.00	-8.35	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.

5.5 Conducted Test Results (5 GHz)

Maximum Conducted Output Power

Test Mode	Data Rate (Mbps)	Frequency (MHz)	Max. Output Power (Average)						
			ANT0		ANT1		ANT0+1		Limit (dBm)
			dBm	W	dBm	W	dBm	W	
Mode 5	6	5180	12.35	0.017	13.25	0.021	---	---	≤ 24.00
		5200	12.72	0.019	13.47	0.022	---	---	≤ 24.00
		5220	12.69	0.019	13.45	0.022	---	---	≤ 24.00
		5240	12.81	0.019	13.46	0.022	---	---	≤ 24.00
		5745	12.21	0.017	12.32	0.017	---	---	≤ 30.00
		5765	11.95	0.016	12.15	0.016	---	---	≤ 30.00
		5785	11.97	0.016	12.18	0.017	---	---	≤ 30.00
		5805	11.92	0.016	12.16	0.016	---	---	≤ 30.00
		5825	12.18	0.017	12.42	0.017	---	---	≤ 30.00
Mode 6	13	5180	10.15	0.010	10.61	0.012	13.40	0.022	≤ 24.00
		5200	10.10	0.010	10.76	0.012	13.45	0.022	≤ 24.00
		5220	10.07	0.010	10.72	0.012	13.42	0.022	≤ 24.00
		5240	10.20	0.010	10.83	0.012	13.54	0.023	≤ 24.00
		5745	11.24	0.013	11.28	0.013	14.27	0.027	≤ 30.00
		5765	11.11	0.013	11.21	0.013	14.17	0.026	≤ 30.00
		5785	11.13	0.013	11.23	0.013	14.19	0.026	≤ 30.00
		5805	11.12	0.013	11.20	0.013	14.17	0.026	≤ 30.00
		5825	11.22	0.013	11.28	0.013	14.26	0.027	≤ 30.00
Mode 7	27	5190	12.93	0.020	13.42	0.022	16.19	0.042	≤ 24.00
		5230	13.02	0.020	13.46	0.022	16.26	0.042	≤ 24.00
		5755	11.54	0.014	11.85	0.015	14.71	0.030	≤ 30.00
		5795	11.51	0.014	11.75	0.015	14.64	0.029	≤ 30.00
Mode 8	13	5180	10.09	0.010	10.50	0.011	13.31	0.021	≤ 24.00
		5200	10.06	0.010	10.66	0.012	13.38	0.022	≤ 24.00
		5220	10.05	0.010	10.63	0.012	13.36	0.022	≤ 24.00
		5240	10.16	0.010	10.72	0.012	13.46	0.022	≤ 24.00
		5745	11.16	0.013	11.21	0.013	14.20	0.026	≤ 30.00
		5765	11.06	0.013	11.11	0.013	14.10	0.026	≤ 30.00
		5785	10.99	0.013	11.21	0.013	14.11	0.026	≤ 30.00
		5805	11.03	0.013	11.11	0.013	14.08	0.026	≤ 30.00
		5825	11.13	0.013	11.18	0.013	14.17	0.026	≤ 30.00
Mode 9	27	5190	12.89	0.019	13.38	0.022	16.15	0.041	≤ 24.00
		5230	12.96	0.020	13.39	0.022	16.19	0.042	≤ 24.00
		5755	11.51	0.014	11.83	0.015	14.68	0.029	≤ 30.00
		5795	11.48	0.014	11.71	0.015	14.61	0.029	≤ 30.00
Mode 10	58.5	5210	11.29	0.013	11.85	0.015	14.59	0.029	≤ 24.00
		5775	9.59	0.009	9.78	0.010	12.70	0.019	≤ 30.00

Maximum Power Spectral Density

ANT0

Test Mode	Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
Mode 6	5180	0.561	0.097	0.658	11.00
	5200	0.432	0.097	0.529	11.00
	5240	0.534	0.097	0.631	11.00
Mode 7	5190	0.756	0.231	0.987	11.00
	5230	0.717	0.231	0.948	11.00
Mode 10	5210	-3.663	0.458	-3.205	11.00

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Test Mode	Frequency (MHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
Mode 6	5745	-8.284	0.097	-1.197	30.00
	5785	-8.432	0.097	-1.345	30.00
	5825	-8.322	0.097	-1.235	30.00
Mode 7	5755	-10.267	0.231	-3.046	30.00
	5795	-9.915	0.231	-2.694	30.00
Mode 10	5775	-14.797	0.458	-7.350	30.00

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Conversion ration = 10*Log(500 k/100 k)

ANT1

Test Mode	Frequency (MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
Mode 5	5180	3.008	0.076	3.084	11.00
	5200	3.336	0.076	3.412	11.00
	5240	3.427	0.076	3.503	11.00
Mode 6	5180	1.075	0.097	1.172	11.00
	5200	1.074	0.097	1.171	11.00
	5240	1.094	0.097	1.191	11.00
Mode 7	5190	1.211	0.231	1.442	11.00
	5230	1.259	0.231	1.490	11.00
Mode 10	5210	-3.106	0.458	-2.648	11.00

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Test Mode	Frequency (MHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
Mode 5	5745	-7.128	0.076	-0.062	30.00
	5785	-7.403	0.076	-0.337	30.00
	5825	-6.662	0.076	0.404	30.00
Mode 6	5745	-8.686	0.097	-1.599	30.00
	5785	-8.662	0.097	-1.575	30.00
	5825	-8.716	0.097	-1.629	30.00
Mode 7	5755	-10.376	0.231	-3.155	30.00
	5795	-9.813	0.231	-2.592	30.00
Mode 10	5775	-14.659	0.458	-7.212	30.00

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Conversion ration = 10*Log(500 k/100 k)

ANT0+1

Test Mode	Frequency (MHz)	Calculated (dBm/MHz)	Limit (dBm/MHz)
Mode 6	5180	3.933	11.00
	5200	3.872	11.00
	5240	3.931	11.00
Mode 7	5190	4.231	11.00
	5230	4.238	11.00
Mode 10	5210	0.092	11.00

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Test Mode	Frequency (MHz)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
Mode 6	5180	1.617	30.00
	5200	1.552	30.00
	5240	1.583	30.00
Mode 7	5190	-0.090	30.00
	5230	0.368	30.00
Mode 10	5210	-4.270	30.00

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Conversion ratio = $10 \cdot \log(500 \text{ k}/100 \text{ k})$

Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT0

5180 MHz



5200 MHz



5240 MHz



Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT0

5745 MHz



5785 MHz



5825 MHz



Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT0

5190 MHz



5230 MHz



Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT0

5755 MHz



5795 MHz





Mode 5: IEEE 802.11a Continuous TX Mode_ANT1

5180 MHz



5200 MHz



5240 MHz



Mode 5: IEEE 802.11a Continuous TX Mode_ANT1

5745 MHz



5785 MHz



5825 MHz



Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT1

5180 MHz



5200 MHz



5240 MHz



Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT1

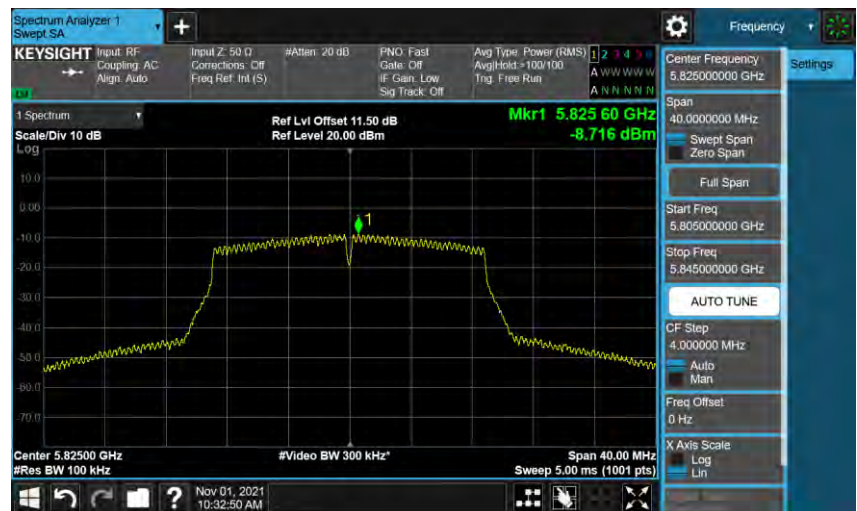
5745 MHz



5785 MHz



5825 MHz



Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT1

5190 MHz



5230 MHz





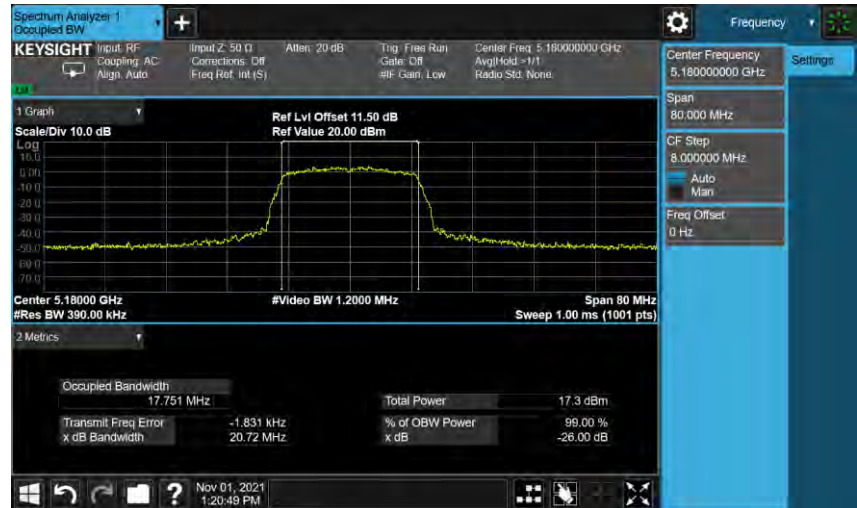


26 dB Bandwidth

Test Mode	Frequency (MHz)	Measurement (MHz)	
		ANT0	ANT1
Mode 5	5180	---	20.250
	5200	---	20.220
	5240	---	20.280
Mode 6	5180	20.720	20.220
	5200	20.550	20.130
	5240	20.650	20.350
Mode 7	5190	40.800	40.750
	5230	41.500	41.070
Mode 10	5210	81.690	81.110

Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT0

5180 MHz



5200 MHz



5240 MHz



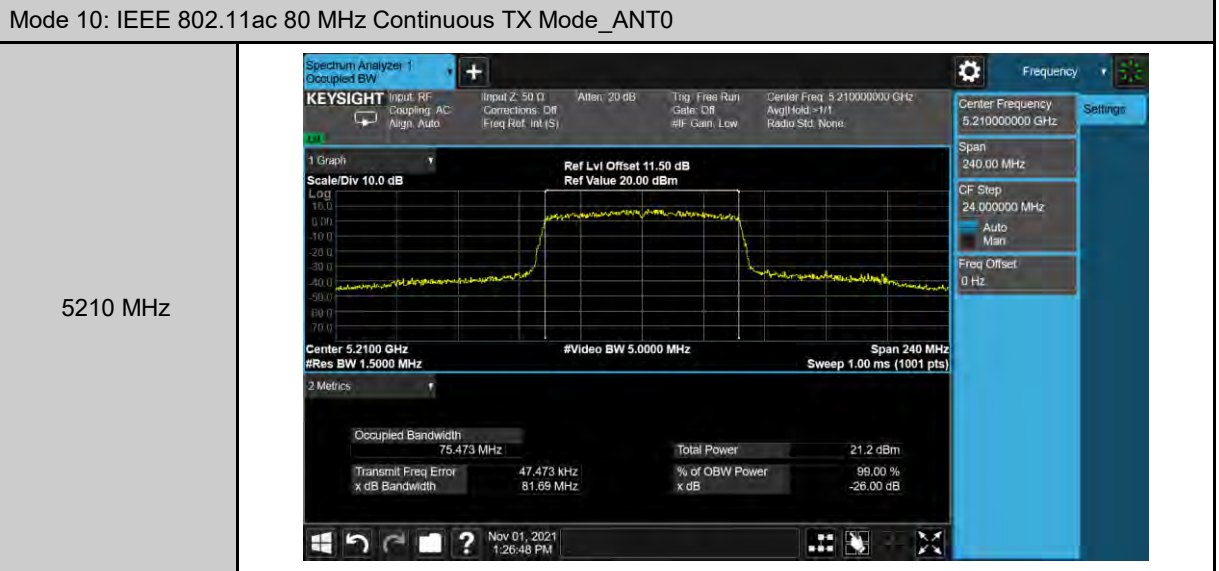
Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT0

5190 MHz



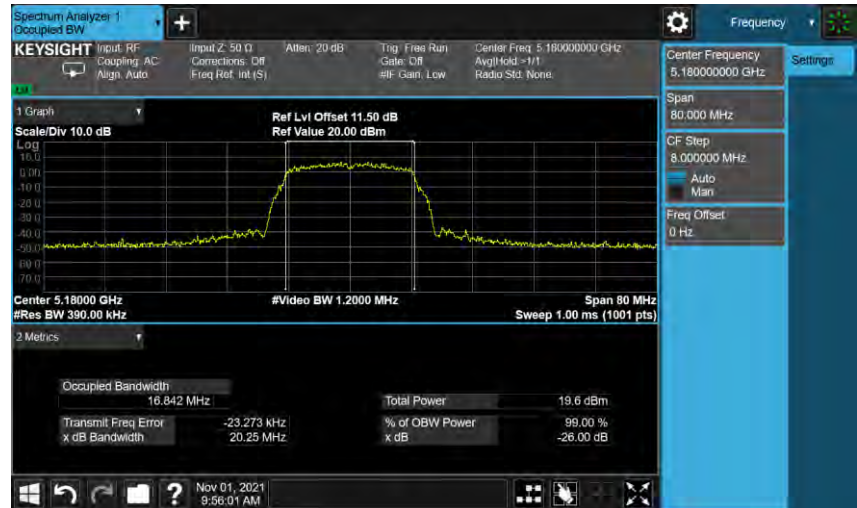
5230 MHz





Mode 5: IEEE 802.11a Continuous TX Mode_ANT1

5180 MHz



5200 MHz

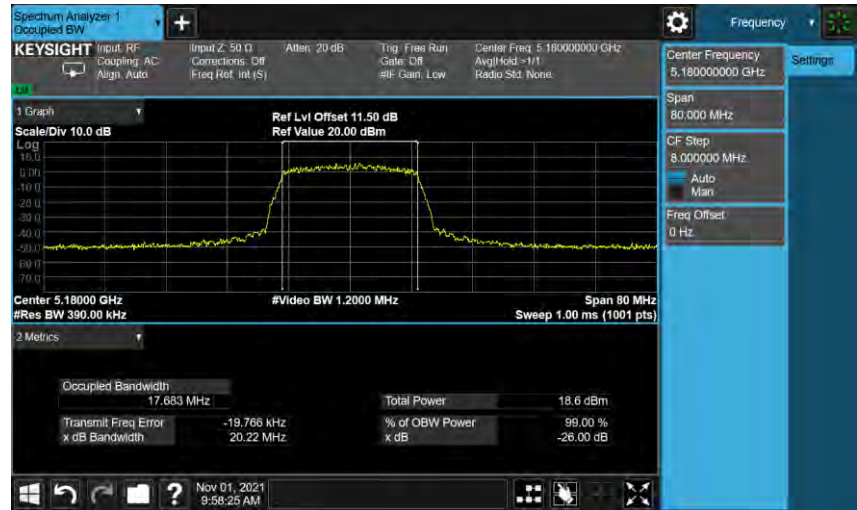


5240 MHz



Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT1

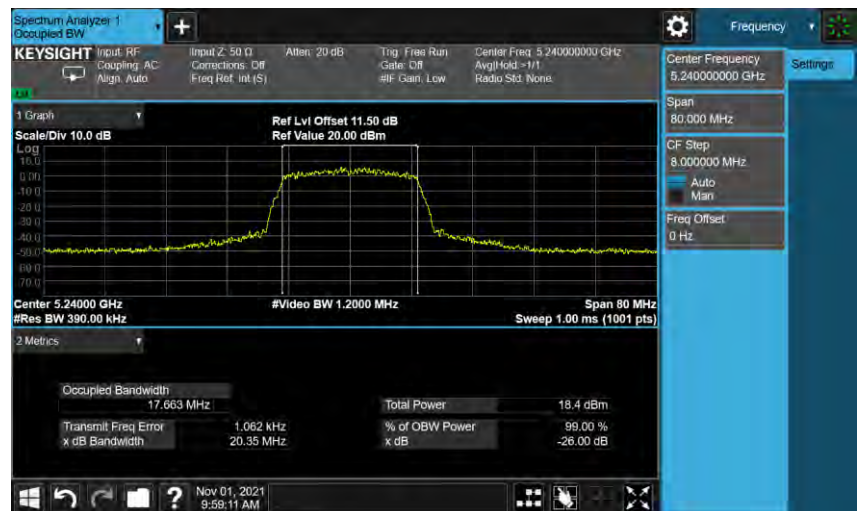
5180 MHz



5200 MHz



5240 MHz



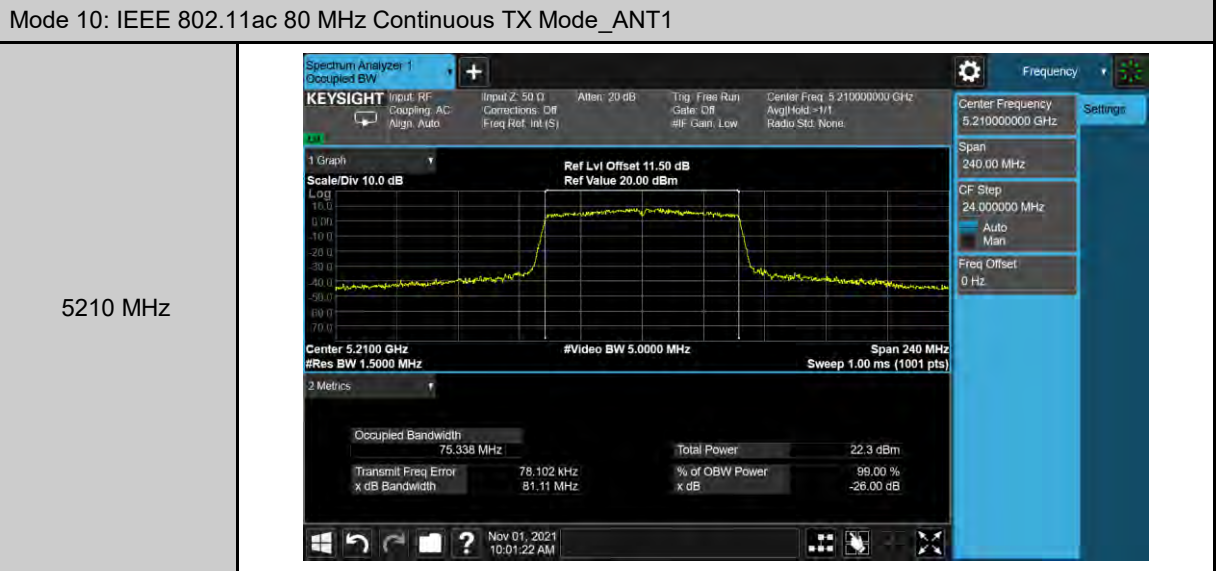
Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT1

5190 MHz



5230 MHz



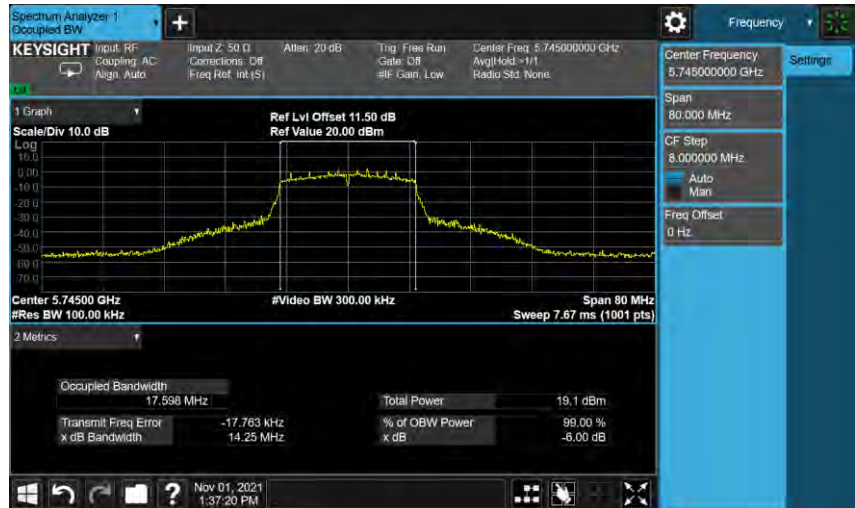


測試結果:
6 dB Bandwidth

Test Mode	Frequency (MHz)	Measurement (kHz)		Limit (kHz)
		ANT0	ANT1	
Mode 5	5745	---	15230	≥ 500
	5785	---	13110	≥ 500
	5825	---	15210	≥ 500
Mode 6	5745	14250	16540	≥ 500
	5785	15160	15740	≥ 500
	5825	14370	16320	≥ 500
Mode 7	5755	32790	35180	≥ 500
	5795	35050	35190	≥ 500
Mode 10	5775	75340	75330	≥ 500

Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT0

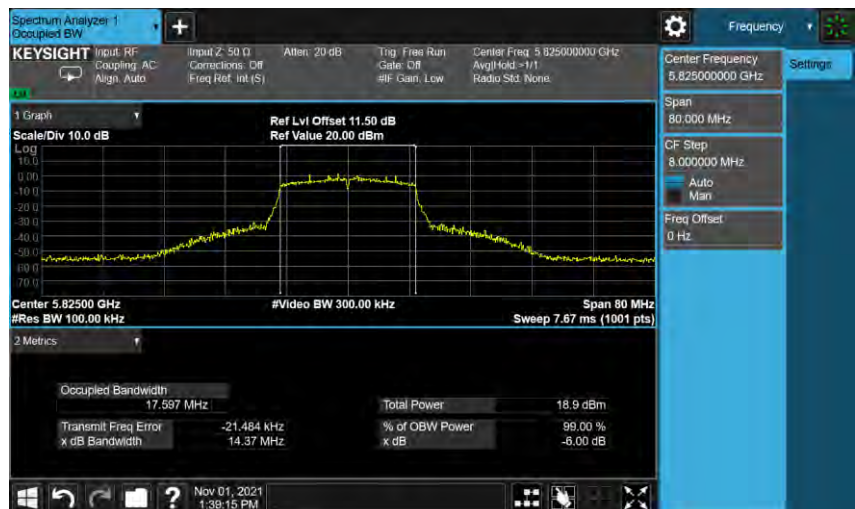
5745 MHz



5785 MHz



5825 MHz



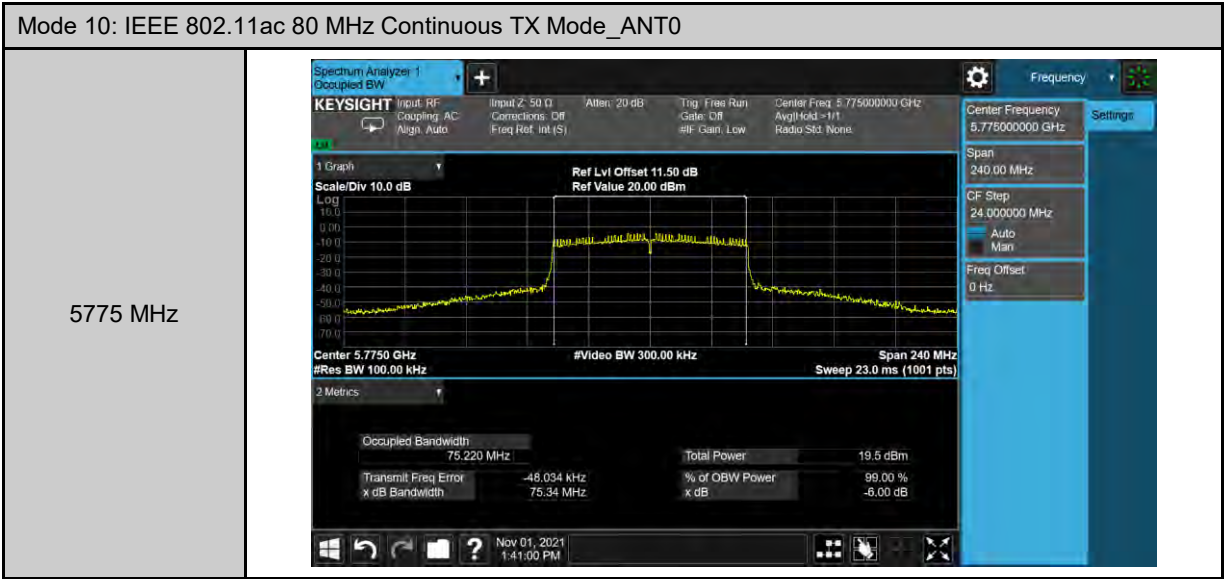
Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT0

5755 MHz



5795 MHz





Mode 5: IEEE 802.11a Continuous TX Mode_ANT1

5745 MHz



5785 MHz

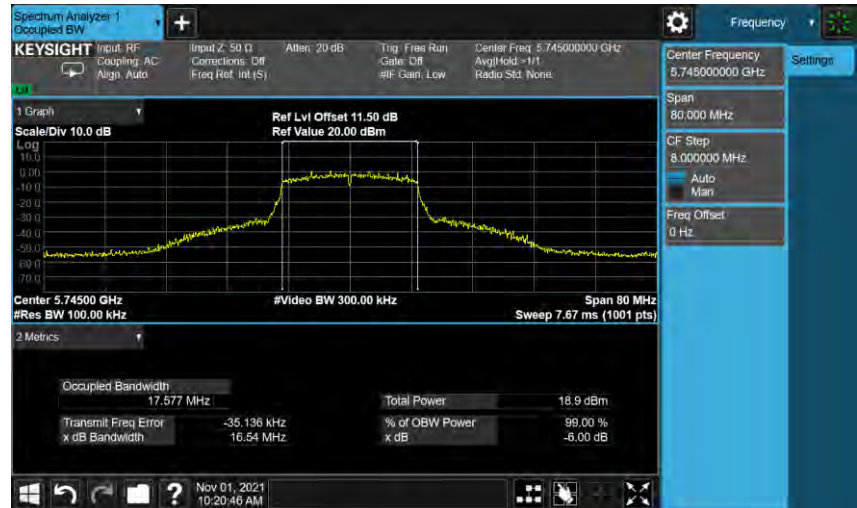


5825 MHz



Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT1

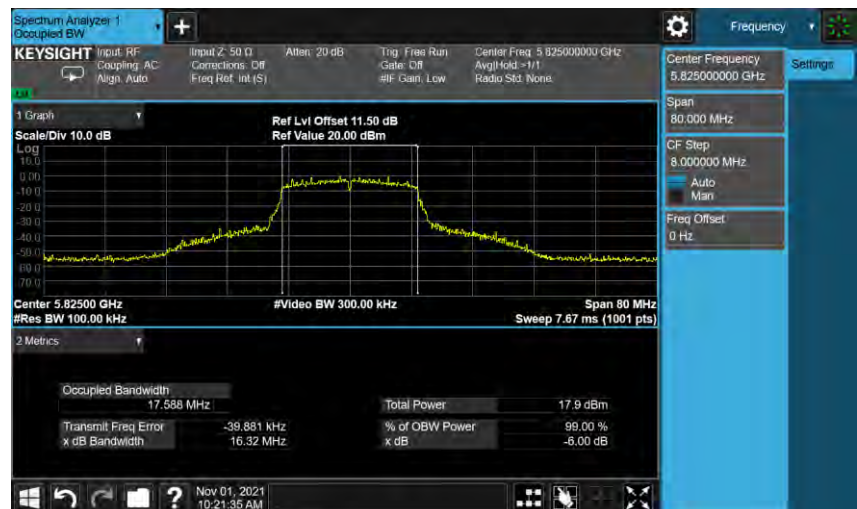
5745 MHz



5785 MHz



5825 MHz



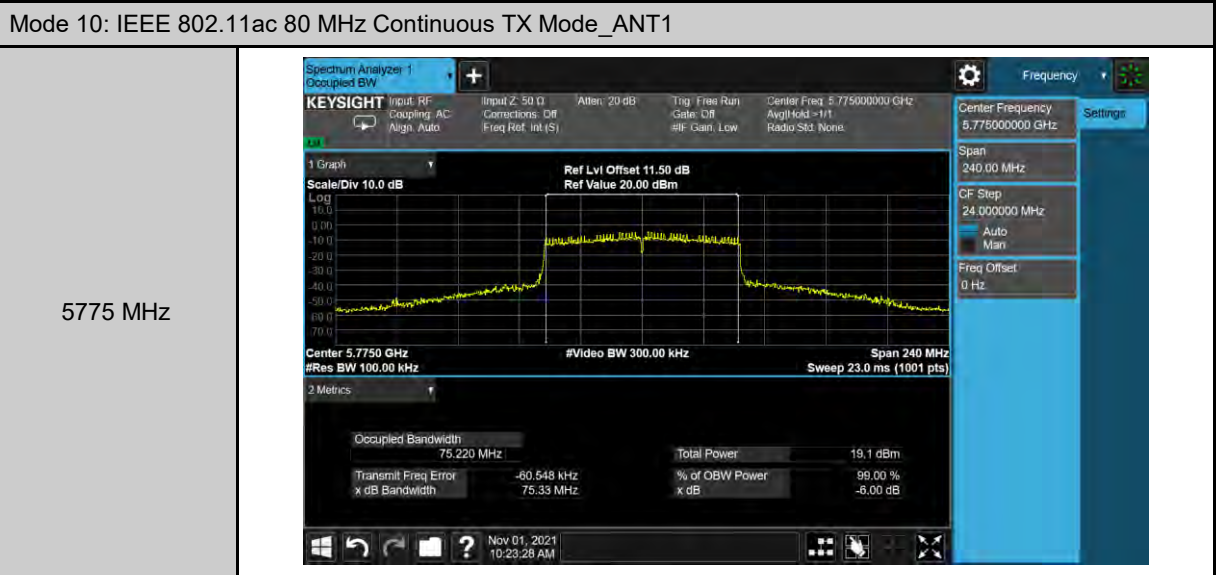
Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT1

5755 MHz



5795 MHz





電波暴露量之評估

Band	Frequency (MHz)	Limit (mW/cm ²)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm ²)
WLAN 2.4 GHz	2412~2462	1	20	15.97	5.41	3.48	1	137.559	0.0274
WLAN 5 GHz	5180-5240 5745-5825	1	20	16.26	5.31	3.4	1	143.571	0.0286

6. EUT Photos

請參照 文件編號: 21-1400_EUT External Photos 和 21-1400_EUT Internal Photos 。

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