

低功率射頻器材試驗報告

產品名稱 reMarkable 2

申請廠商 REMARKABLE AS

廠牌 reMarkable

型式 (號) RM110

系列型式 (號) RM111, RM112, RM113

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 16 日

填發本型式認可報告之試驗機構 (認可代號)

晶復科技股份有限公司
33465 桃園市八德區長安街 140-1 號
Tel : 03-2710188 / Fax : 03-2710190

財團法人全國認證基金會

認證編號 : 1330

認證有效期間 : 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 16 日	初版發行	鄭安蓁

低功率射頻器材測試證明書

產品名稱 : reMarkable 2

廠 牌 : reMarkable

型 號 : RM110

系列型號 : RM111, RM112, RM113

申請廠商 : REMARKABLE AS

申請者地址 : Biermanns gate 6 0473 OSLO, Norway

製造廠商 : 東莞長城開發科技有限公司

製造廠商地址 : 中國廣東省東莞市虎門鎮赤崗駿馬路2號

待測物電壓 : DC 5 V, 2.8 A

試驗電壓 : 110 Vac, 60 Hz

量測規範 : 低功率射頻器材技術規範(LP0002) 109年7月1日

試驗實驗室 : 晶復科技股份有限公司(桃園市八德區長安街140-1號)

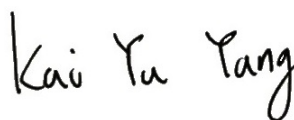
樣品接受日期 : 110 年 09 月 15 日

試驗日期 : 110 年 09 月 20 日~ 110 年 09 月 28 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	reMarkable 2						
廠 牌	reMarkable						
型 號	RM110						
系 列 型 號	RM111, RM112, RM113						
額 定 電 源	DC 5 V, 2.8 A						
調 變 方 式	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n 2.4 GHz 20 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 Range (MHz)	
	IEEE 802.11b / IEEE 802.11g / IEEE 802.11n 2.4 GHz 20 MHz					2412 – 2462	
	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	
ANT-0		reMarkable	RM110	PCB Antenna	5.42	Band I	6.35
						Band III	6.35

RF 最大輸出功率	Mode	Power	
	IEEE 802.11b	9.39 dBm	0.009 W
	IEEE 802.11g	9.95 dBm	0.010 W
	IEEE 802.11n 2.4 GHz 20 MHz	7.08 dBm	0.005 W
	IEEE 802.11a U-NII Band I	8.58 dBm	0.007 W
	IEEE 802.11a U-NII Band III	8.31 dBm	0.007 W
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I	7.74 dBm	0.006 W
	IEEE 802.11n 5 GHz 20 MHz U-NII Band III	6.99 dBm	0.005 W
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I	7.40 dBm	0.005 W
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III	6.68 dBm	0.005 W
	IEEE 802.11ac 20 MHz U-NII Band I	7.89 dBm	0.006 W
	IEEE 802.11ac 20 MHz U-NII Band III	7.30 dBm	0.005 W
	IEEE 802.11ac 40 MHz U-NII Band I	7.59 dBm	0.006 W
	IEEE 802.11ac 40 MHz U-NII Band III	6.91 dBm	0.005 W
	IEEE 802.11ac 80 MHz U-NII Band I	5.19 dBm	0.003 W
	IEEE 802.11ac 80 MHz U-NII Band III	4.79 dBm	0.003 W

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	USB Type-C Port	1	連接至電源供應器
2	DC Power Port	1	連接至充電底座(*)

Note：(*)尚無週邊應用搭配，因此未評估此 Port 搭配週邊模式。

附屬裝置表：

裝置名稱		廠牌	型號	備註
(A)	內建固定式電池	BYD	Fusion	DC 3.85 V, 3000 mAh
(B)	觸控筆(1)	reMarkable AS	RM212	顏色: 黑色
(C)	觸控筆(2)	reMarkable AS	RM210	顏色: 白色
(D)	USB Cable	菲太電子	USB Cable A-C	STD-A → Type-C Shielded, 0.95 m

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

系列機型、機型版別之差異說明

原機型 廠牌/型號	系列機型 廠牌/型號	差異敘述												
RM110	RM111, RM112, RM113	因市場銷售需求,增加系列型號,與主型號差異為產品型號命名不同及搭配觸控筆方式不同,如下: 主型號:RM110 不配筆、 系列型號一:RM111 不配筆、 系列型號二:RM112 配白色觸控筆(型號 RM210)、 系列型號三:RM113 配黑色觸控筆(型號 RM212), 並有 3 款配置方式,其規格設計均相同,僅為廠牌型號不同,如下: <table border="1"> <thead> <tr> <th>配置</th><th>RAM+emmc</th><th>Touch Panel IC</th></tr> </thead> <tbody> <tr> <td>Sample 2</td><td>Micron MT29TZZZ8D5JKERL</td><td>Parade TT41701</td></tr> <tr> <td>Sample 3</td><td>Nanya NE1888KALAXA7-MG</td><td>Synaptics S3408</td></tr> <tr> <td>Sample 4</td><td>Samsung KMF50012B-B214</td><td>Parade TT41701</td></tr> </tbody> </table> 其射頻元件、其他電路設計等等並無變更。 測試結果說明: 工程判定RAM+emmc共3款、Touch Panel IC共2款,因此需要驗證電源傳導,結果為Sample 2為Worst。 工程判定其差異不影響輸出功率及其餘項目測試結果,因此僅測試主型號並記錄其結果數據。	配置	RAM+emmc	Touch Panel IC	Sample 2	Micron MT29TZZZ8D5JKERL	Parade TT41701	Sample 3	Nanya NE1888KALAXA7-MG	Synaptics S3408	Sample 4	Samsung KMF50012B-B214	Parade TT41701
配置	RAM+emmc	Touch Panel IC												
Sample 2	Micron MT29TZZZ8D5JKERL	Parade TT41701												
Sample 3	Nanya NE1888KALAXA7-MG	Synaptics S3408												
Sample 4	Samsung KMF50012B-B214	Parade TT41701												

2. 量測儀器及測試配置說明

2.1 量測設備

For Conducted

Test Period: Sep. 22 ~ Sep. 28, 2021

Testing Engineer: Andy Lu, Brian Lin

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Power Sensor	Anritsu	MA2411B	1126022	09/03/2021	1 year
Power Meter	Anritsu	ML2495A	1135009	09/03/2021	1 year
Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/09/2021	1 year

For Conducted Emission

Test Period: Sep. 20, 2021

Testing Engineer: Louis Shen

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Test Receiver	R&S	ESCI	100367	05/21/2021	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

For Radiated Emissions

Test Period: Sep. 24 ~ Sep. 25, 2021

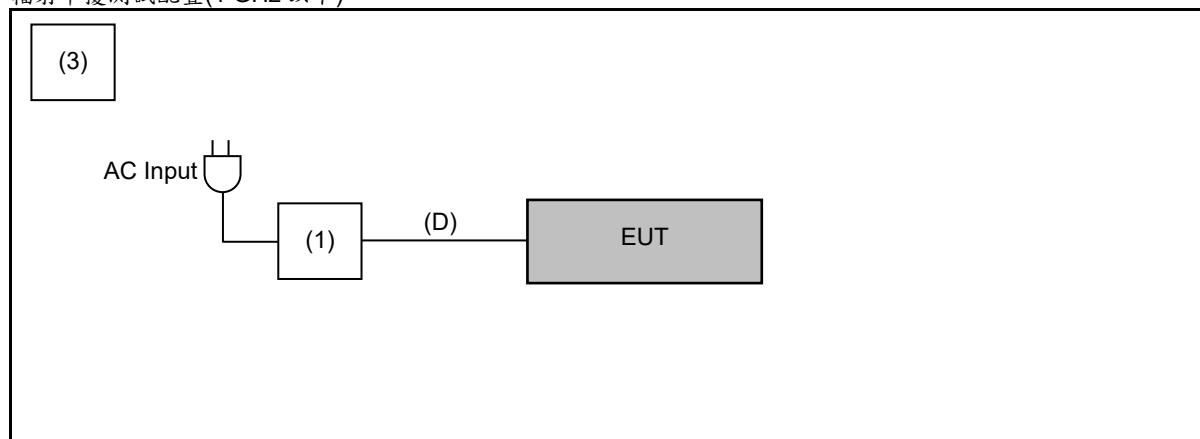
Testing Engineer: Marc Yeh

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer (2 Hz~50 GHz)	Keysight	N9030B	MY57143537	04/19/2021	1 year
Pre Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	01/15/2021	1 year
Broadband Amplifier (1~26.5 GHz)	Titan	T0912E012630 25A1F	002	07/26/2021	1 year
Pre Amplifier (26.5~40 GHz)	EMCI	EMC2654045	980028	08/19/2021	1 year
Broadband Antenna	Schwarzbeck	VULB9168	01146	07/19/2021	1 year
Horn Antenna (1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	02207	07/09/2021	1 year
Horn Antenna (18~40 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	08/24/2021	1 year
Coaxial Cable	Titan	T0710AT327A1 0A100	J11005	08/06/2021	1 year
Coaxial Cable	Titan	T0710AT327A1 0A900	J11004	08/06/2021	1 year
Coaxial Cable	Titan	CFD400NL-LW	001	08/06/2021	1 year

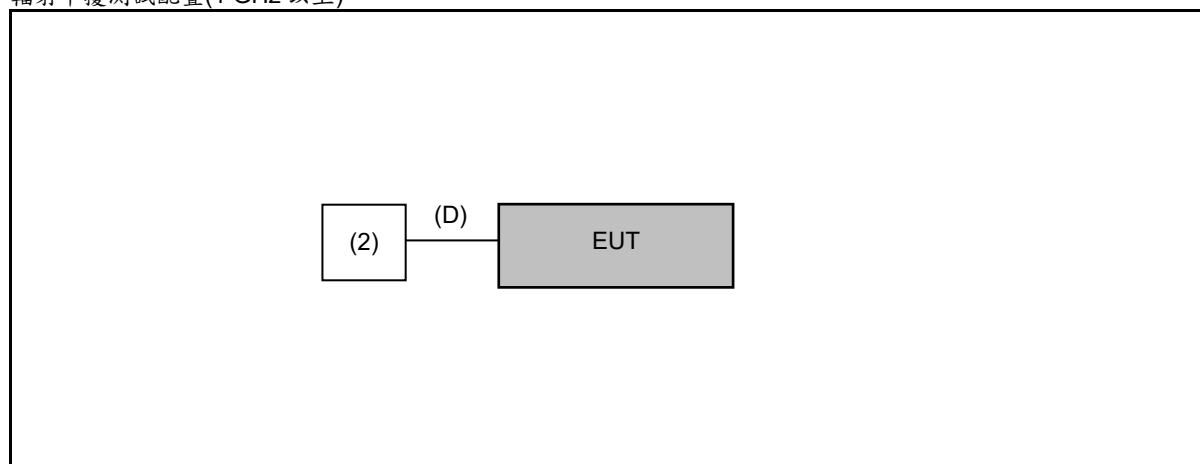
2.2 檢驗系統示意圖

電源傳導干擾測試配置

輻射干擾測試配置(1 GHz 以下)



輻射干擾測試配置(1 GHz 以上)



2.3 輔助測試之週邊設備描述

下列輔助設備或配件為測試中所使用，以形成一個代表性的受測系統。

週邊名稱		廠牌	型號	序號	電源線	備註
(1)	AC Adapter	PHILIPS	DLP5320C	---	---	INPUT: 100-240, 50/60 Hz, 0.7 A OUTPUT: Type-C : DC 5 V/3 A, DC 9 V/3 A, DC 12 V/2.5 A, DC 15 V/2 A, DC 20 V/1.5 A USB-A : DC 4.5 V/3 A, DC 5 V/3 A, DC 9 V/3 A, DC 12 V/2.5 A, DC 20 V/1.5 A (實驗室提供)
(2)	Notebook	ASUS	P1448U	K7NXC10P 87329A	---	(實驗室提供)
(3)	WiFi Router	Netgear	R7800	---	---	NCC ID : CCAJ16LP0910T1 (實驗室提供)

測試組合：

EUT Configure Mode	CE	RE<1G	RE ≥ 1G	備註
內建固定式電池	V	V	V	
觸控筆(1)	X	X	X	
觸控筆(2)	X	X	X	
USB Cable	V	V	V	
AC Adapter	V	V	---	測試週邊(1)
Notebook	X	X	V	測試週邊(2) Test Mode使用
WiFi Router	V	V	X	測試週邊(3) Normal Link使用

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

RE < 1 GHz : Radiated Emission below 1 GHz

CE : Conducted Emission

V : Final mode

X : Non support

--- : No evaluation required

Blank Space : Pre-test mod

2.4 測試軟體版本

Measurement Software			
No.	Description	Software	Version
1	Conducted Emission	EZ EMC	1.1.4.3
2	Radiated Emission	EZ EMC	1.1.4.4

2.5 測試模式

使用定頻模式量測

Pre-Test Mode
Mode 1: Transmit Mode
Mode 2: IEEE 802.11b Continuous TX Mode
Mode 3: IEEE 802.11g Continuous TX Mode
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode
Mode 5: IEEE 802.11a 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: Transmit Mode
Mode 2: IEEE 802.11b Continuous TX Mode
Mode 3: IEEE 802.11g Continuous TX Mode
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode
Mode 5: IEEE 802.11a 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

Test Mode	Frequency (MHz)	RF Power setting in Test Software	Test Software Version
Mode 2	2412	11.0	Tera Term
	2437	10.0	
	2462	10.0	
Mode 3	2412	10.0	
	2437	9.0	
	2462	10.0	
Mode 4	2412	8.0	
	2437	7.0	
	2462	7.0	

Test Mode	Frequency (MHz)	RF Power setting in Test Software	Test Software Version
Mode 5	5180	9	Tera Term
	5200	9	
	5220	9	
	5240	9	
	5745	9	
	5765	9	
	5785	9	
	5805	9	
	5825	10	
Mode 6	5180	9	
	5200	9	
	5220	9	
	5240	8	
	5745	9	
	5765	9	
	5785	9	
	5805	9	
	5825	9	
Mode 7	5190	8	
	5230	8	
	5755	8	
	5795	8	
Mode 8	5180	9	
	5200	9	
	5220	9	
	5240	8	
	5745	9	
	5765	9	
	5785	9	
	5805	9	
	5825	9	
Mode 9	5190	8	
	5230	8	
	5755	8	
	5795	8	
Mode 10	5210	6	
	5775	6	

Test Mode	ANT-0
Mode 2	V
Mode 3	V
Mode 4	V
Mode 5	V
Mode 6	V
Mode 7	V
Mode 8	V
Mode 9	V
Mode 10	V

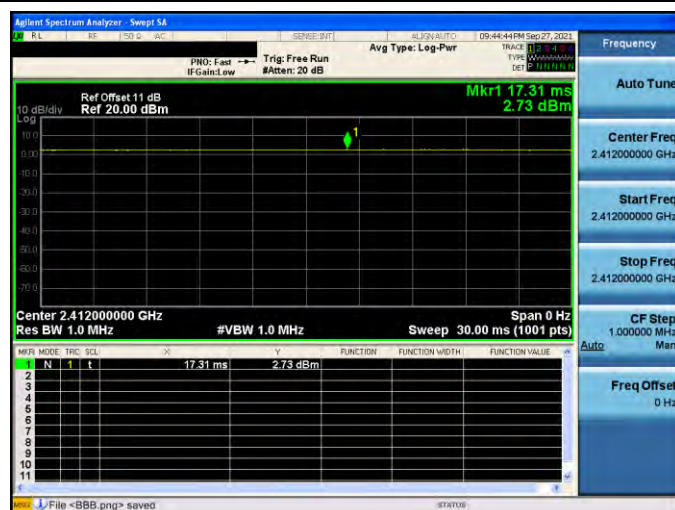
Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 2	1TX / 1RX	1	1, 6, 11
Mode 3	1TX / 1RX	6	1, 6, 11
Mode 4	1TX / 1RX	6.5	1, 6, 11
Mode 5	1TX / 1RX	6	36, 40, 48, 149, 157, 165
Mode 6	1TX / 1RX	6.5	36, 40, 48, 149, 157, 165
Mode 7	1TX / 1RX	13.5	38, 46, 151, 159
Mode 8	1TX / 1RX	6.5	36, 40, 48, 149, 157, 165
Mode 9	1TX / 1RX	13.5	38, 46, 151, 159
Mode 10	1TX / 1RX	29.3	42, 155

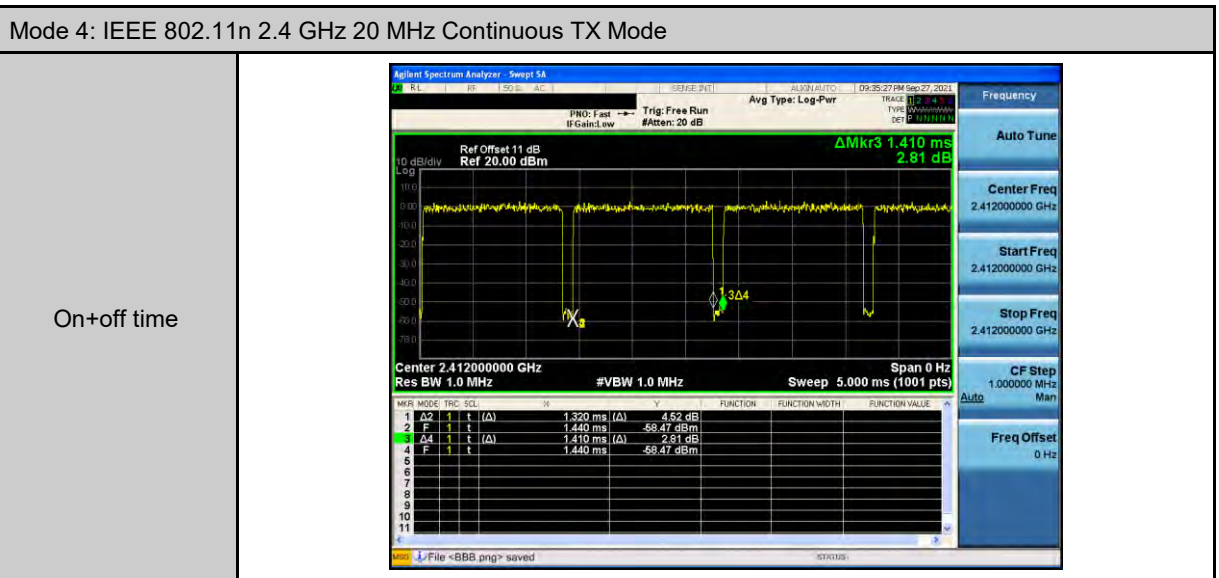
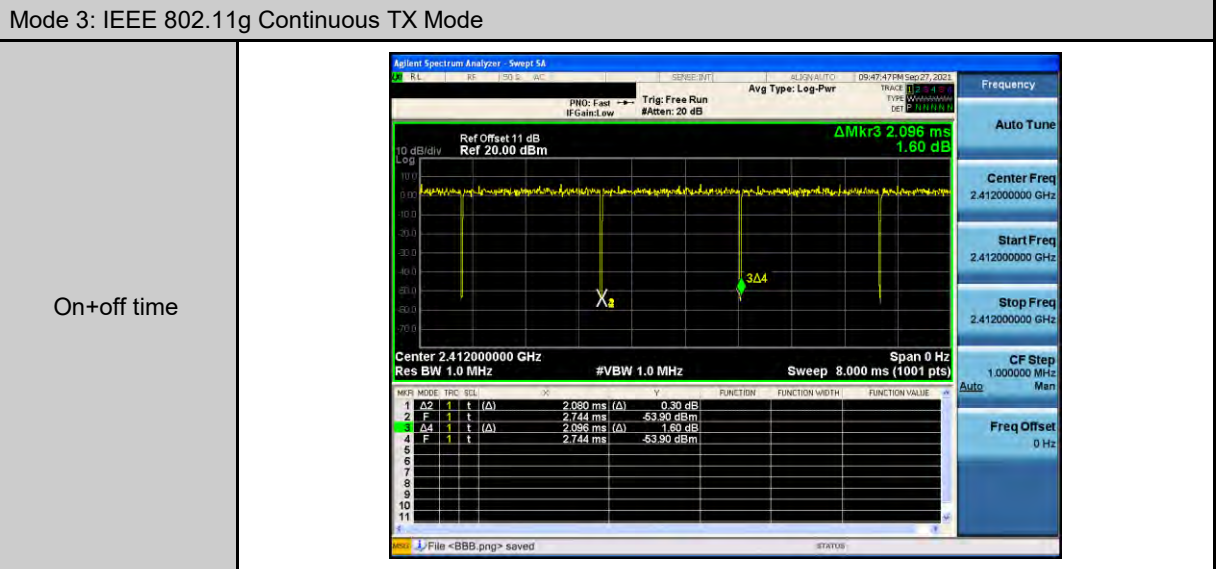
Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	2412	30.000	30.000	1.000	0.000	0.010
Mode 3	2412	2.080	2.096	0.992	0.033	0.010
Mode 4	2412	1.320	1.410	0.936	0.286	0.758
Mode 5	5180	2.080	2.090	0.995	0.021	0.010
Mode 8	5180	1.944	1.960	0.992	0.036	0.010
Mode 9	5190	1.265	1.270	0.996	0.017	0.010
Mode 10	5210	0.693	0.705	0.983	0.075	0.010

Mode 2: IEEE 802.11b Continuous TX Mode

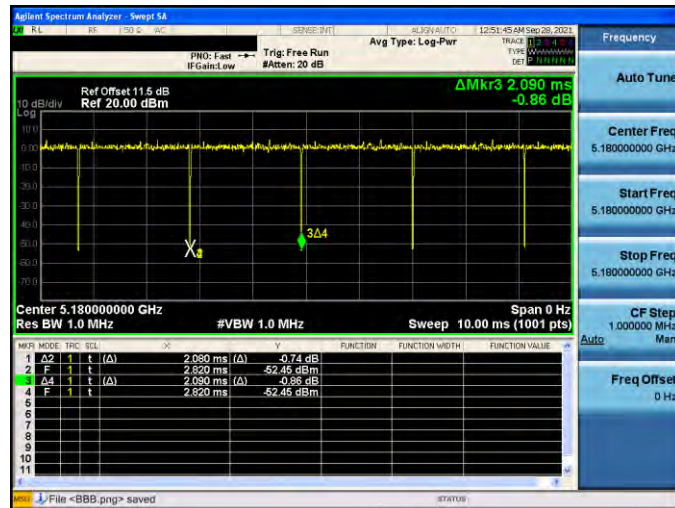
On+off time





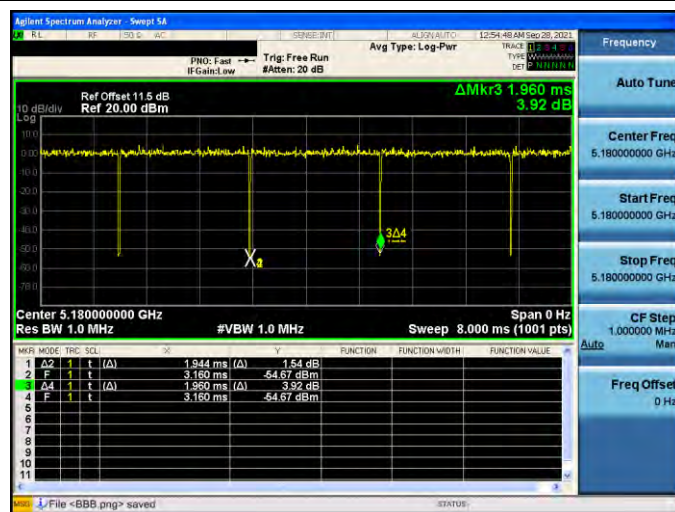
Mode 5: IEEE 802.11a Continuous TX Mode

On+off time



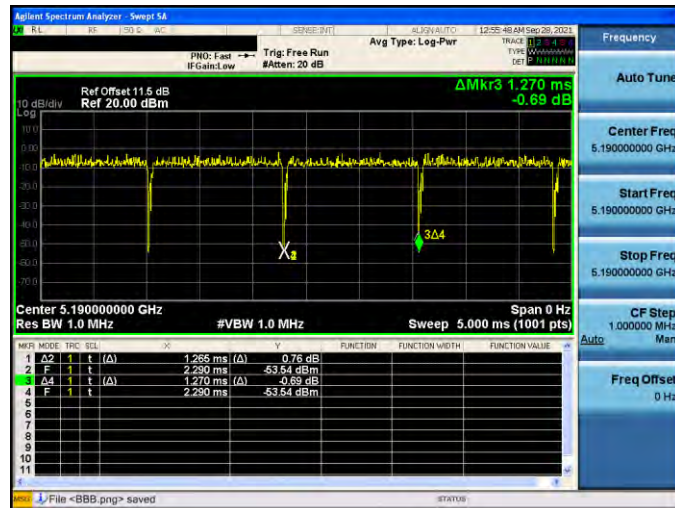
Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode

On+off time



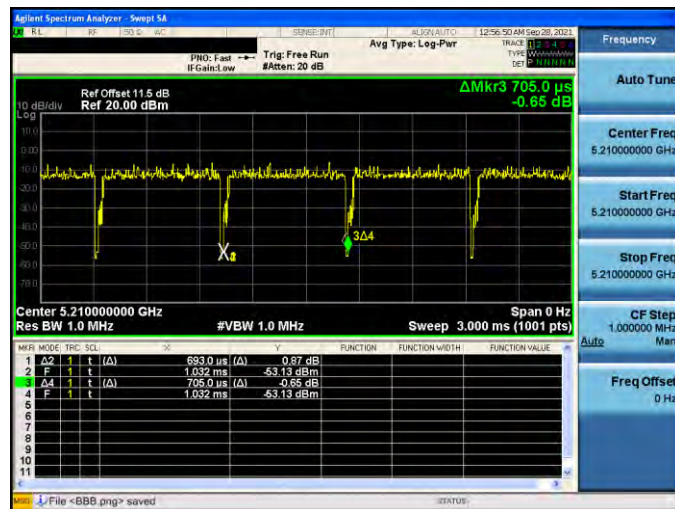
Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode

On+off time



Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode

On+off time



2.6 量測不確定度

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

Test Item	Frequency Range	Uncertainty
Conducted Emission	150 kHz ~ 30 MHz	2.7 dB
Radiated Emission	9 kHz ~ 30 MHz	2.2 dB
	30 MHz ~ 1000 MHz	5.1 dB
	1000 MHz ~ 18000 MHz	5.2 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 %

2.7 試驗環境

產品測試時之實驗室環境條件如下：

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

3. 測試項目與結果判定總表

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

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	Annex A.	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	Annex B.	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	Annex B.	請參閱 2.1 節	符合
4	頻帶邊緣外之輻射發射	低功率射頻器材技術規範 4.10.1.5 節	Annex B.	請參閱 2.1 節	符合
5	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	Annex C.	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	Annex C.	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	Annex C.	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	Annex C.	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	Annex E.	請參閱 2.1 節	符合

* 此項目為在 RF 功能作動下進行。

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	Annex A.	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	Annex D.	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	Annex D.	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	Annex D.	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	Annex E.	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	Annex E.	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	Annex E.	請參閱 2.1 節	符合
8	26 dB 頻寬之要求	N/A	Annex E.	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	Annex E.	請參閱 2.1 節	符合
10	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
11	電波暴露量之評估	低功率射頻器材技術規範 6.20.2 節	Annex E.	請參閱 2.1 節	符合

* 此項目為在 RF 功能作動下進行。

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。

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。

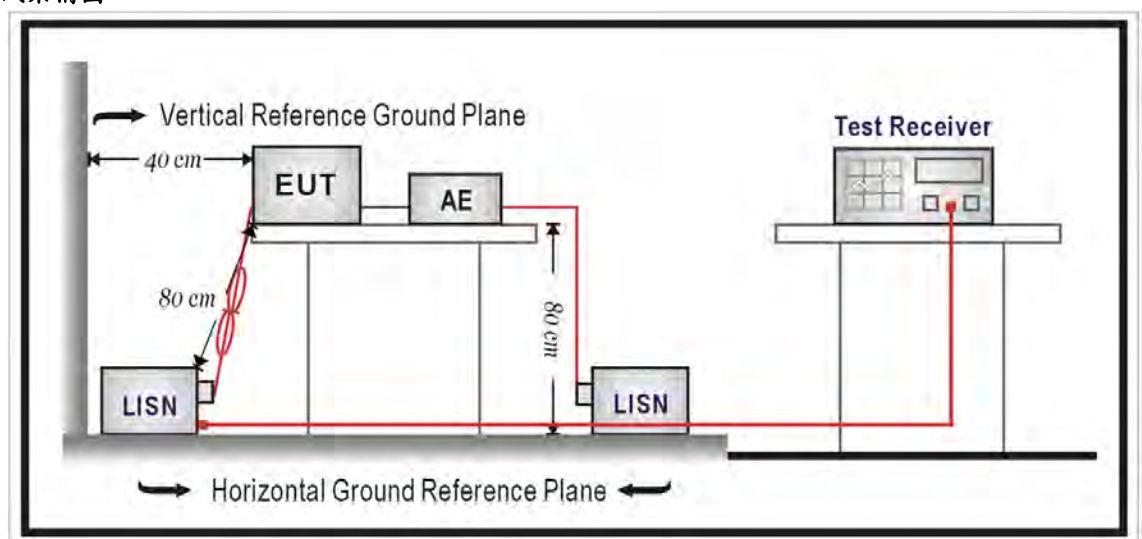
干擾值之計算

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	4500.0~5250.0	
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。

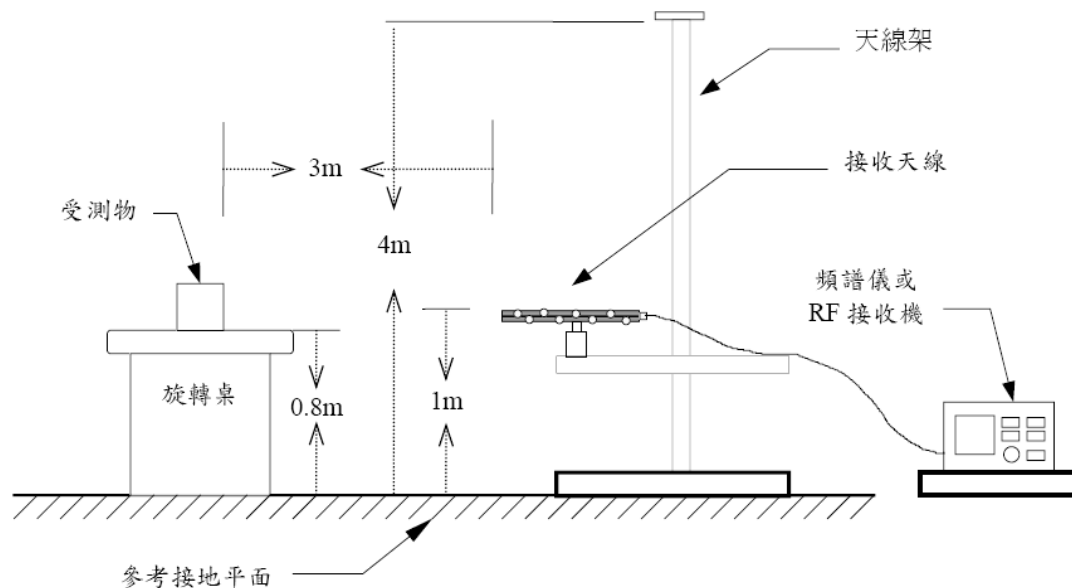
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

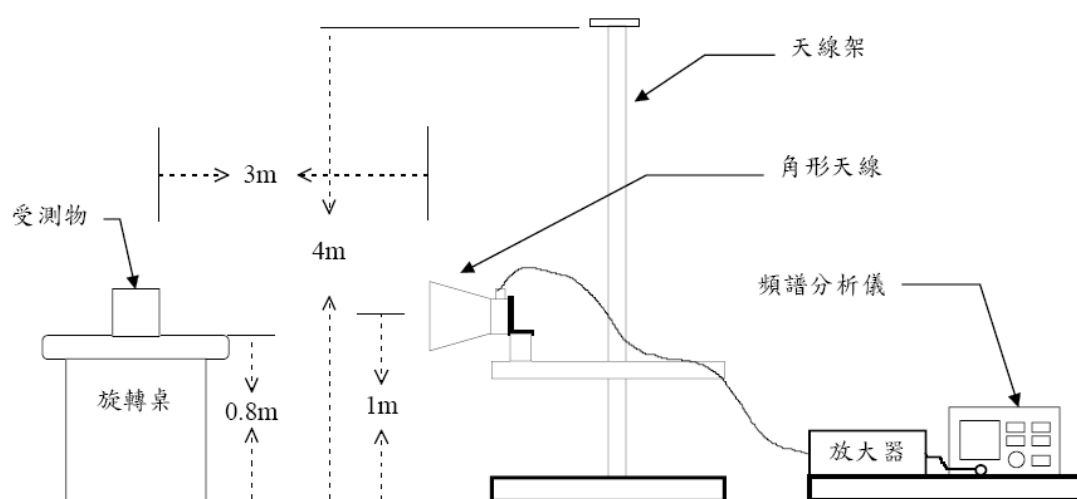
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

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

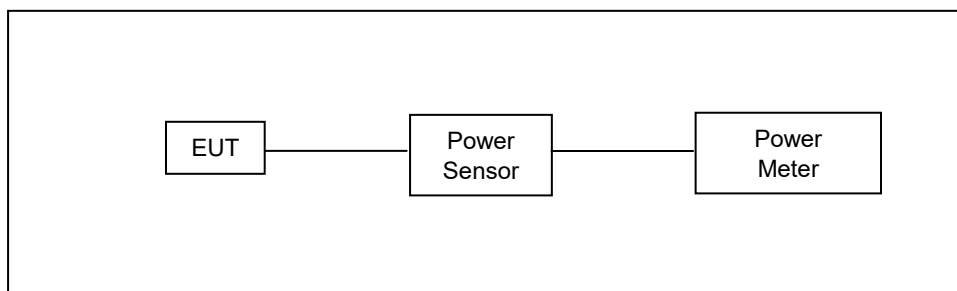


4.2.2 最大傳導輸出功率之量測

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

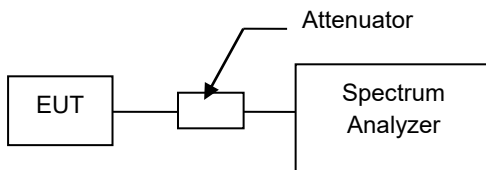
判定結果：符合。

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。

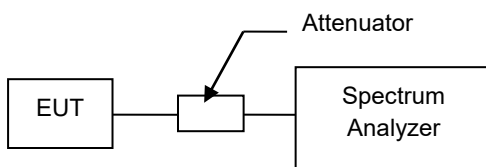
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 30 dB。

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：



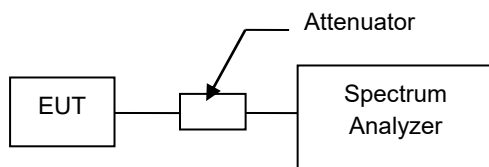
4.2.6 峰值發射電功率密度之要求

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 3 kHz 頻寬內,由發射機傳導至天線之峰值發射電功率密度在任意期間內,皆不得大於 8 dBm(複合系統時，關閉跳頻作業狀態檢驗)。

測試架構圖：

測試場地測試配置如圖所示。



4.2.7 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	4500.0~5250.0	
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。各頻段重疊處，以較嚴格之限制值為準。

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

非必要頻帶合格標準：

依據 NCC 低功率射頻器材技術規範(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。

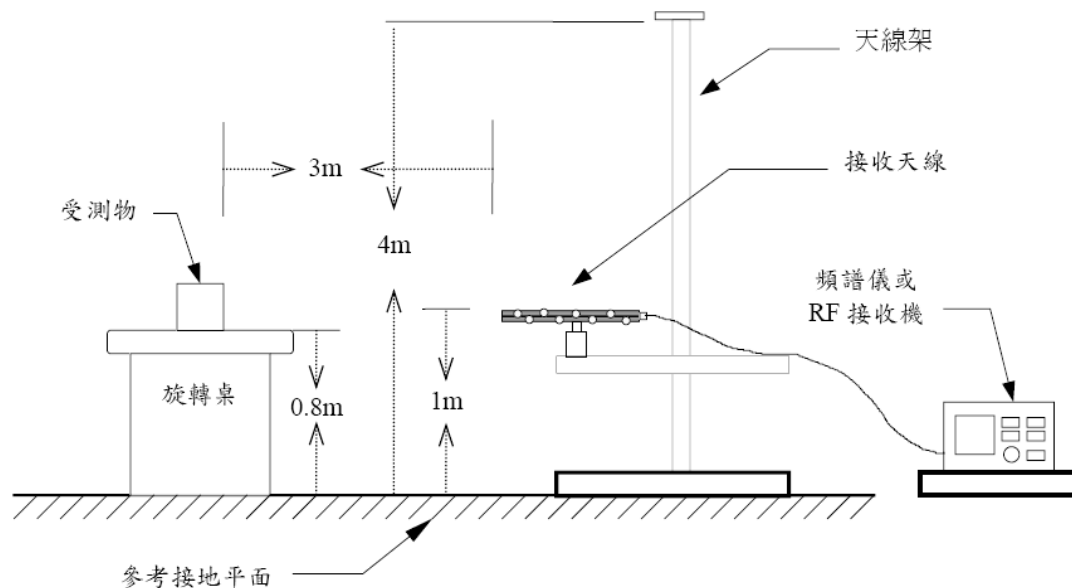
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

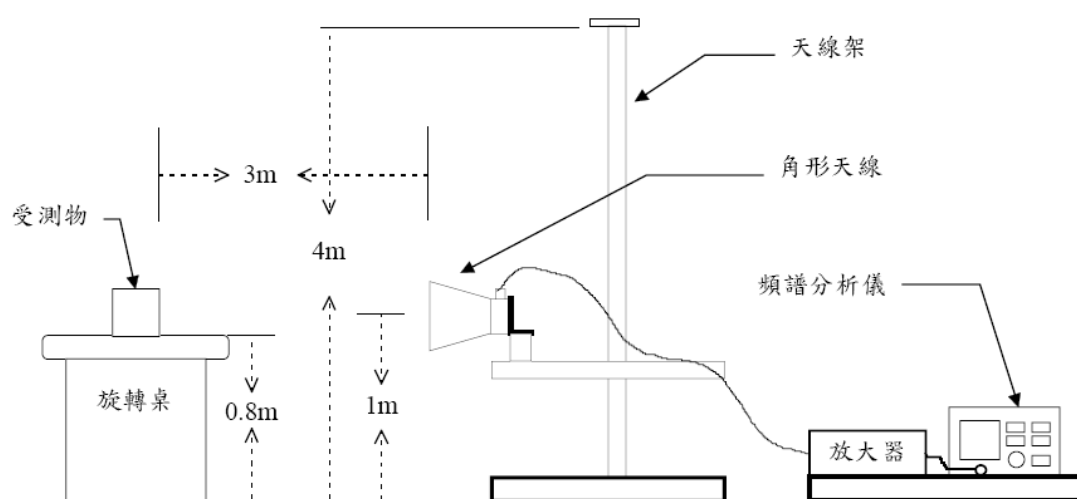
其中校正因子為：天線因子 + 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

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 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:

- 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 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:

- 最大傳導輸出功率不能超過 250 mW。
- 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。

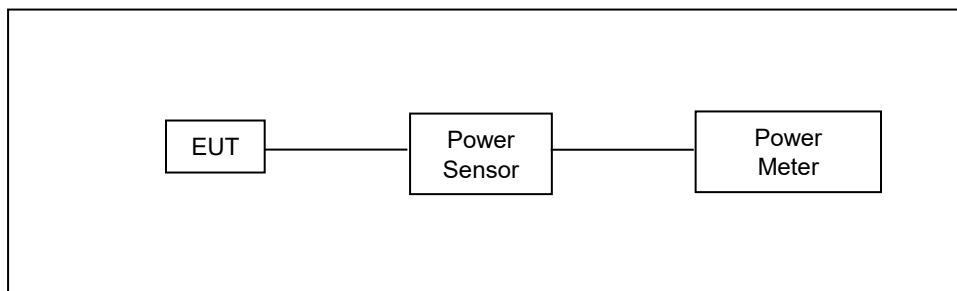
4. 最大傳導輸出功率必須使用依據均方根等效電壓校準之儀器量測於任何連續傳輸之時段，量測結果須依儀器限制（如偵測器反應時間、相較於發射頻寬有限之解析頻寬能力，靈敏度等）調整得出正確之峰值量測，以符合本段落所提之發射定義。

Gain = 6.35 dBi > 6 dBi

* Power Limit = 24 - 0.35 = 23.65 dBm (5.150 ~ 5.250 GHz)

* Power Limit = 30 - 0.35 = 29.65 dBm (5.725 ~ 5.850 GHz)

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。

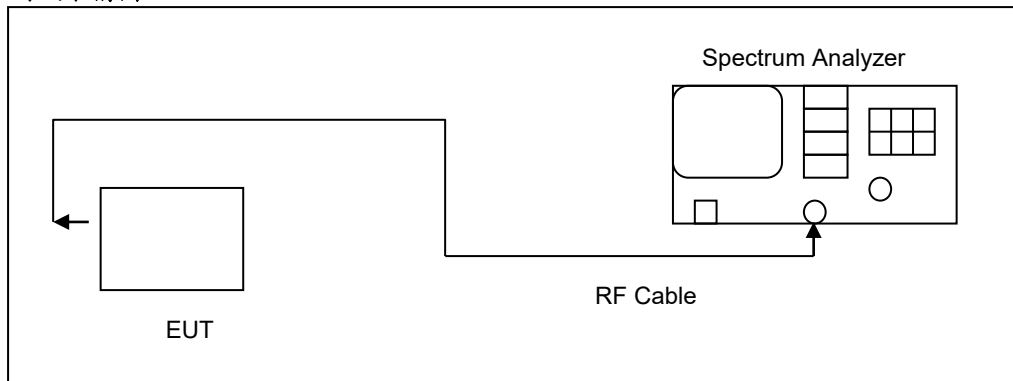
(3) 5.725 GHz~5.850 GHz 頻帶，量測器之頻寬應設定為 500 kHz 或待測物之 26 dB 發射頻寬，兩者取較小者。

(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。

Gain = 6.35 dBi > 6 dBi

- * Conducted Power Spectral Density Limit = $11 - 0.35 = 10.65$ dBm/MHz (5.150 ~ 5.250 GHz)
- * Conducted Power Spectral Density Limit = $30 - 0.35 = 29.65$ dBm/500 kHz (5.725 ~ 5.850 GHz)

測試架構圖：

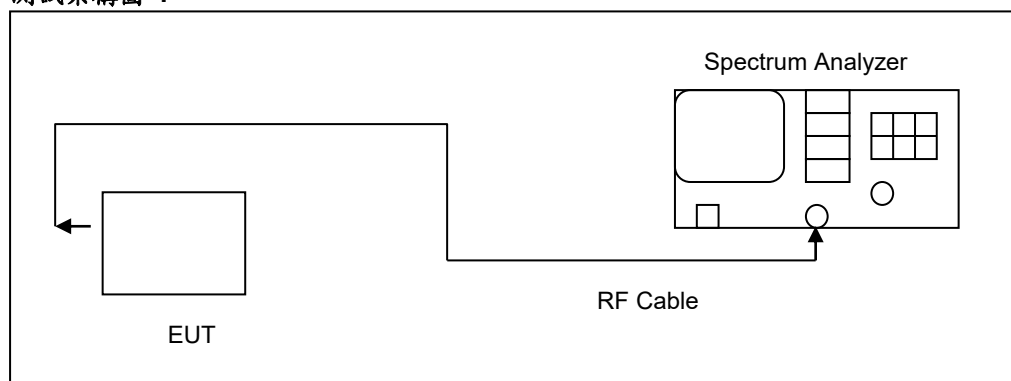


4.3.4 26 dB頻寬之要求

合格標準:

N/A

測試架構圖：

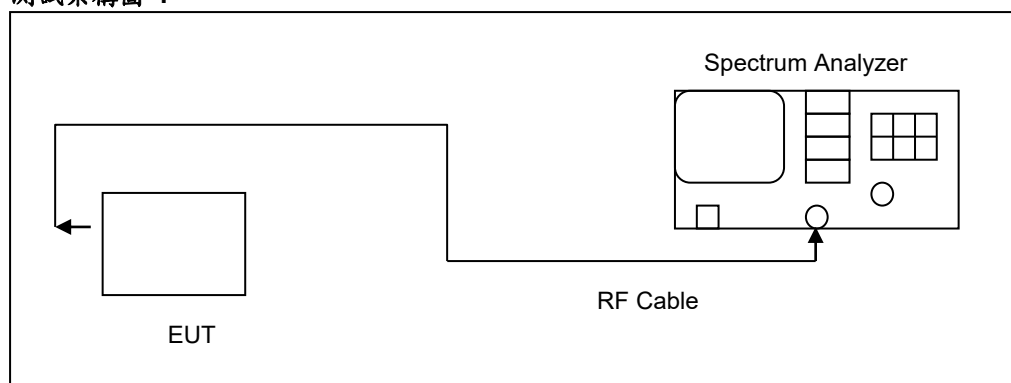


4.3.5 6 dB頻寬之要求

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

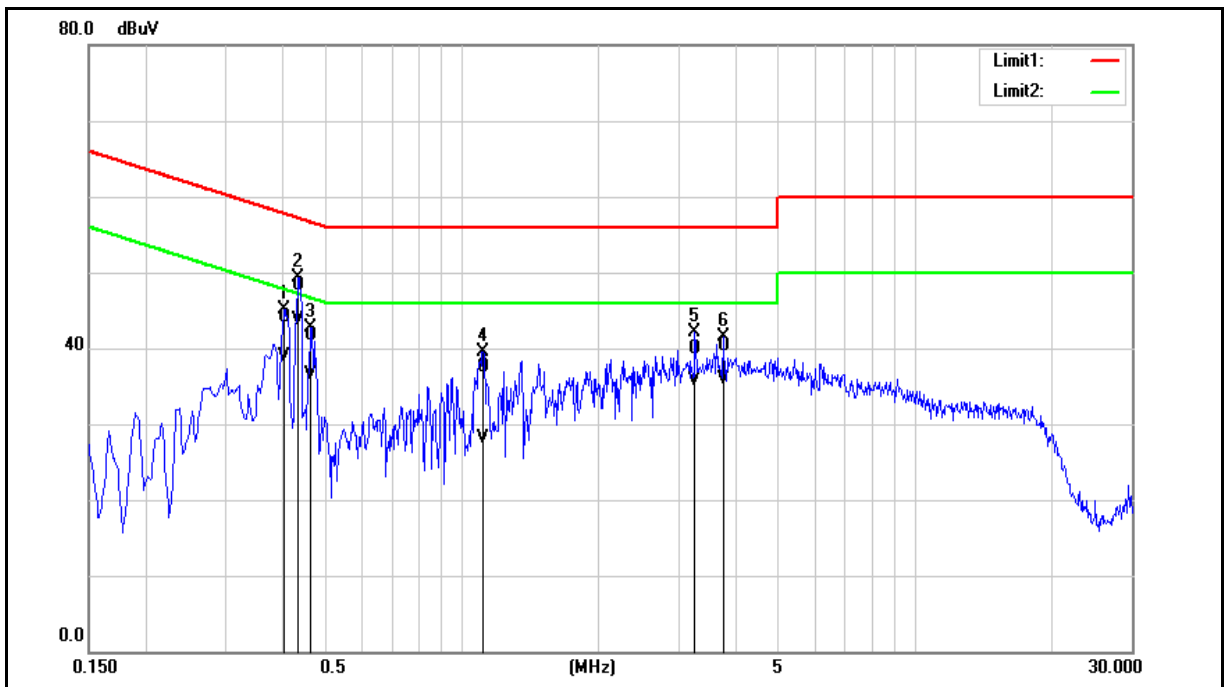
註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

5. Test Results

Annex A. Conducted Emission

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

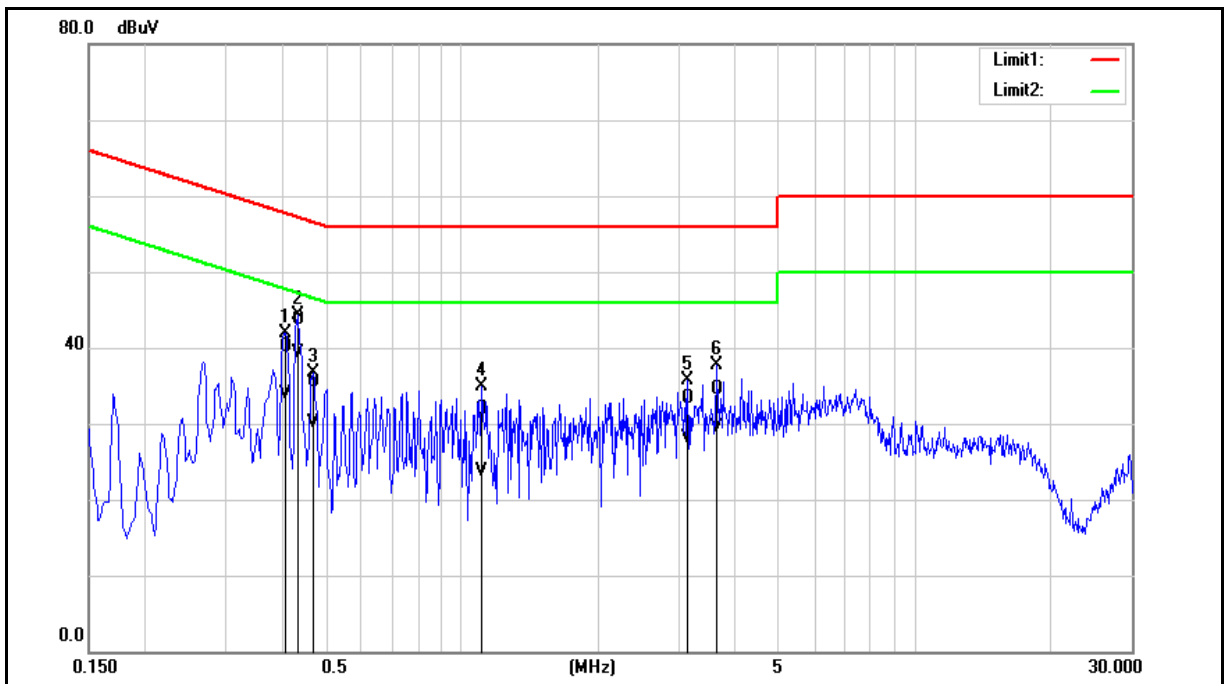


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.4060	34.34	29.21	9.74	44.08	38.95	57.73	47.73	-13.65	-8.78	Pass
2	0.4340	38.61	33.91	9.74	48.35	43.65	57.18	47.18	-8.83	-3.53	Pass
3	0.4660	32.03	26.82	9.74	41.77	36.56	56.58	46.58	-14.81	-10.02	Pass
4	1.1140	27.66	18.34	9.76	37.42	28.10	56.00	46.00	-18.58	-17.90	Pass
5	3.2740	30.11	25.79	9.83	39.94	35.62	56.00	46.00	-16.06	-10.38	Pass
6	3.7780	30.51	26.02	9.84	40.35	35.86	56.00	46.00	-15.65	-10.14	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	0.4100	30.45	24.21	9.73	40.18	33.94	57.65	47.65	-17.47	-13.71	Pass
2	0.4340	34.03	29.52	9.73	43.76	39.25	57.18	47.18	-13.42	-7.93	Pass
3	0.4700	25.86	20.46	9.73	35.59	30.19	56.51	46.51	-20.92	-16.32	Pass
4	1.1100	22.11	13.91	9.76	31.87	23.67	56.00	46.00	-24.13	-22.33	Pass
5	3.1500	23.48	18.23	9.83	33.31	28.06	56.00	46.00	-22.69	-17.94	Pass
6	3.6540	24.64	19.57	9.85	34.49	29.42	56.00	46.00	-21.51	-16.58	Pass

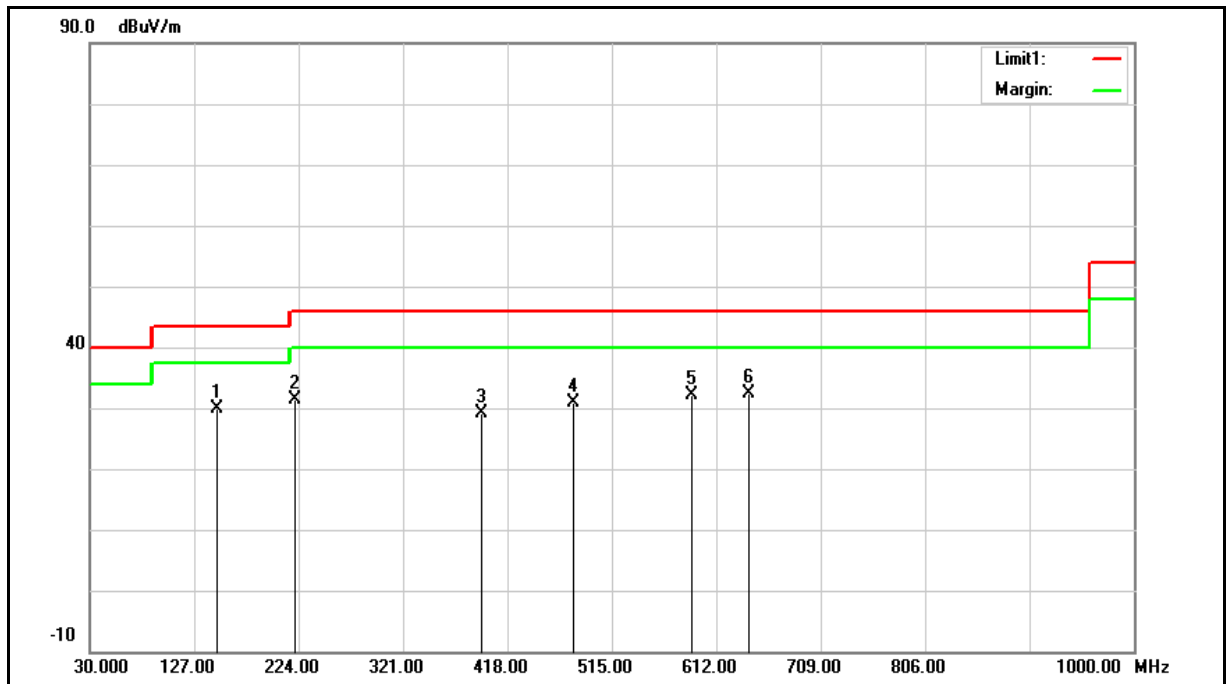
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

Annex B. Radiated Emission Measurement (2.4 GHz)

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	147.4875	36.68	-6.83	29.85	43.50	-13.65	QP
2	220.3103	39.86	-8.58	31.28	46.00	-14.72	QP
3	393.1431	32.71	-3.48	29.23	46.00	-16.77	QP
4	478.5885	33.08	-2.17	30.91	46.00	-15.09	QP
5	589.2793	31.97	0.24	32.21	46.00	-13.79	QP
6	642.6826	32.33	0.00	32.33	46.00	-13.67	QP

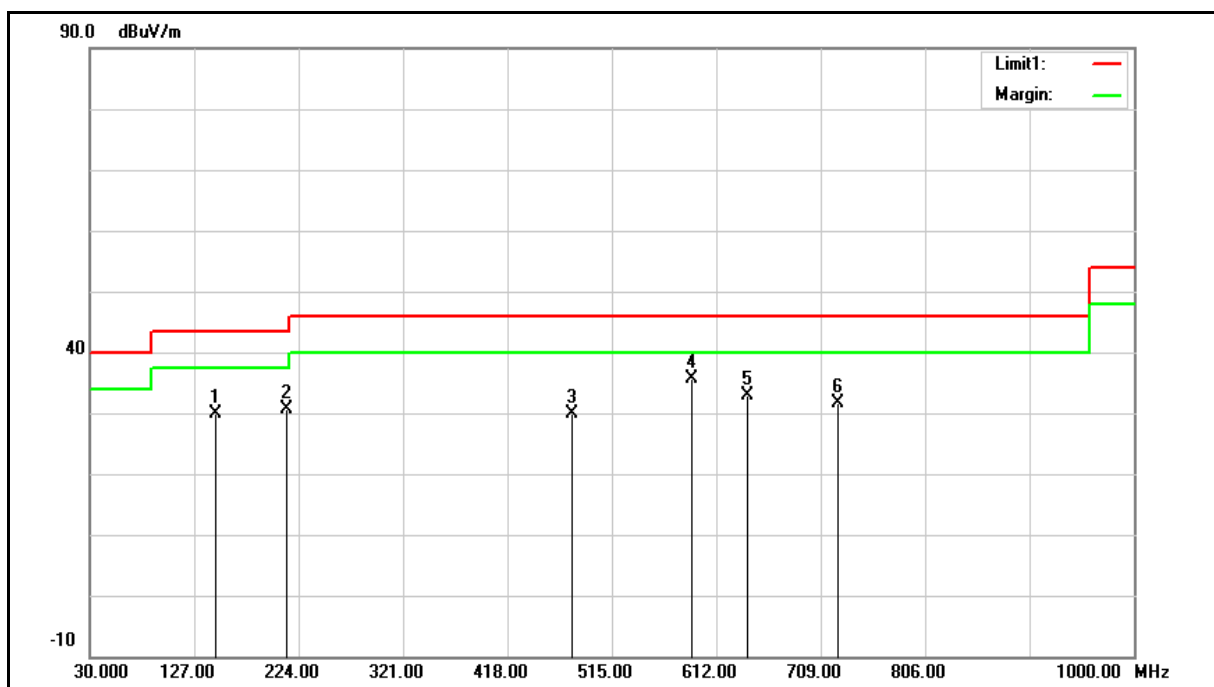
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $29.85 = -6.83 + 36.68$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
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	147.3700	36.68	-6.83	29.85	43.50	-13.65	QP
2	212.3600	39.66	-8.99	30.67	43.50	-12.83	QP
3	478.1400	32.09	-2.18	29.91	46.00	-16.09	QP
4	588.7200	35.47	0.23	35.70	46.00	-10.30	QP
5	641.1000	31.90	1.01	32.91	46.00	-13.09	QP
6	724.5200	29.09	2.53	31.62	46.00	-14.38	QP

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

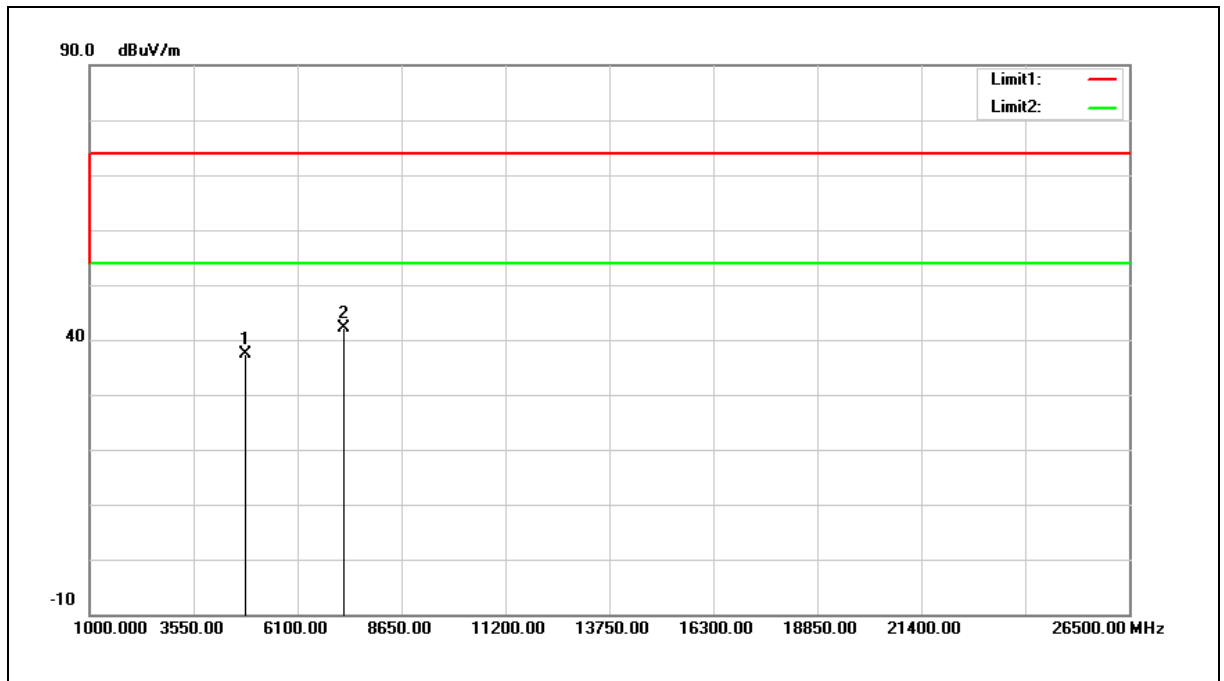
Example: $29.85 = -6.83 + 36.68$

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

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

場強輻射量測 (1 GHz 以上)

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	38.35	-0.98	37.37	74.00	-36.63	peak
2	7236.000	36.05	6.16	42.21	74.00	-31.79	peak

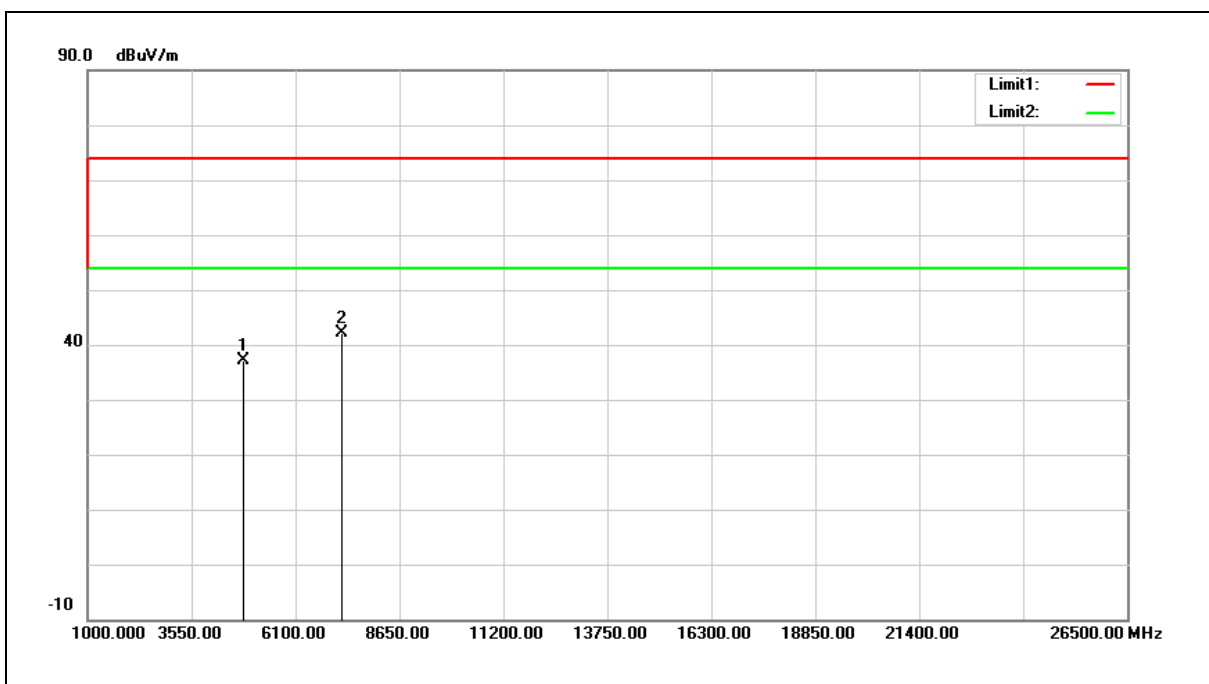
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $37.37 = -0.98 + 38.35$

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

3.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	38.07	-0.98	37.09	74.00	-36.91	peak
2	7236.000	35.99	6.16	42.15	74.00	-31.85	peak

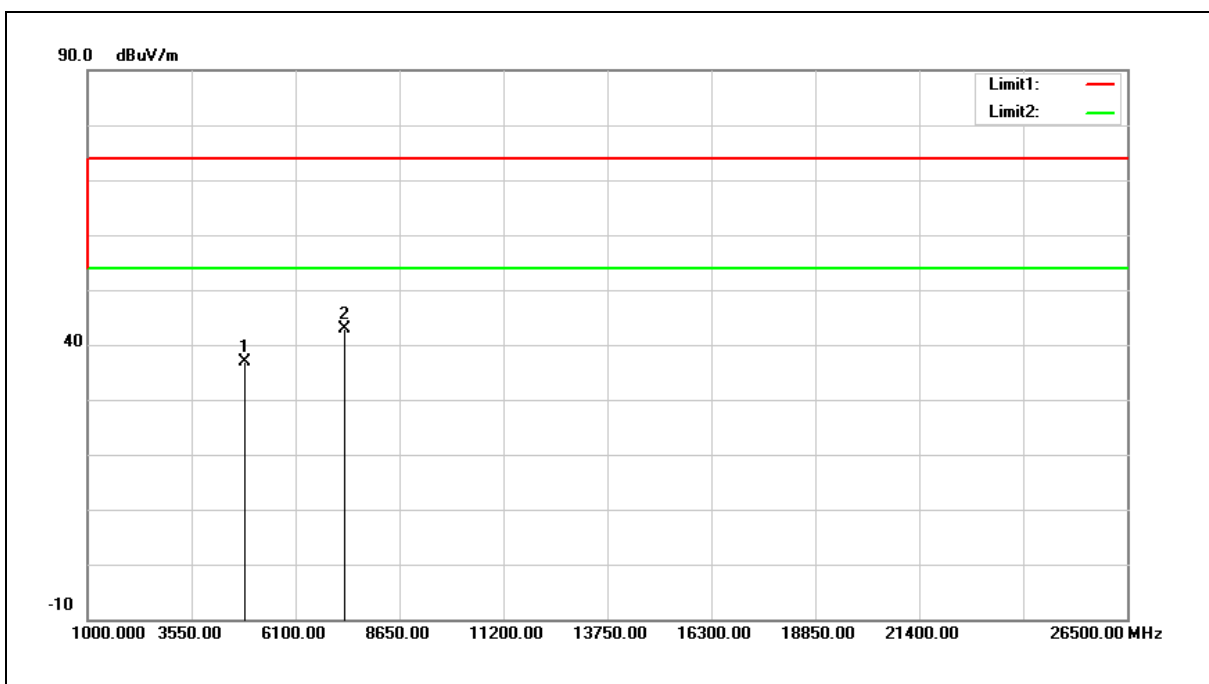
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $37.09 = -0.98 + 38.07$

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

3.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		



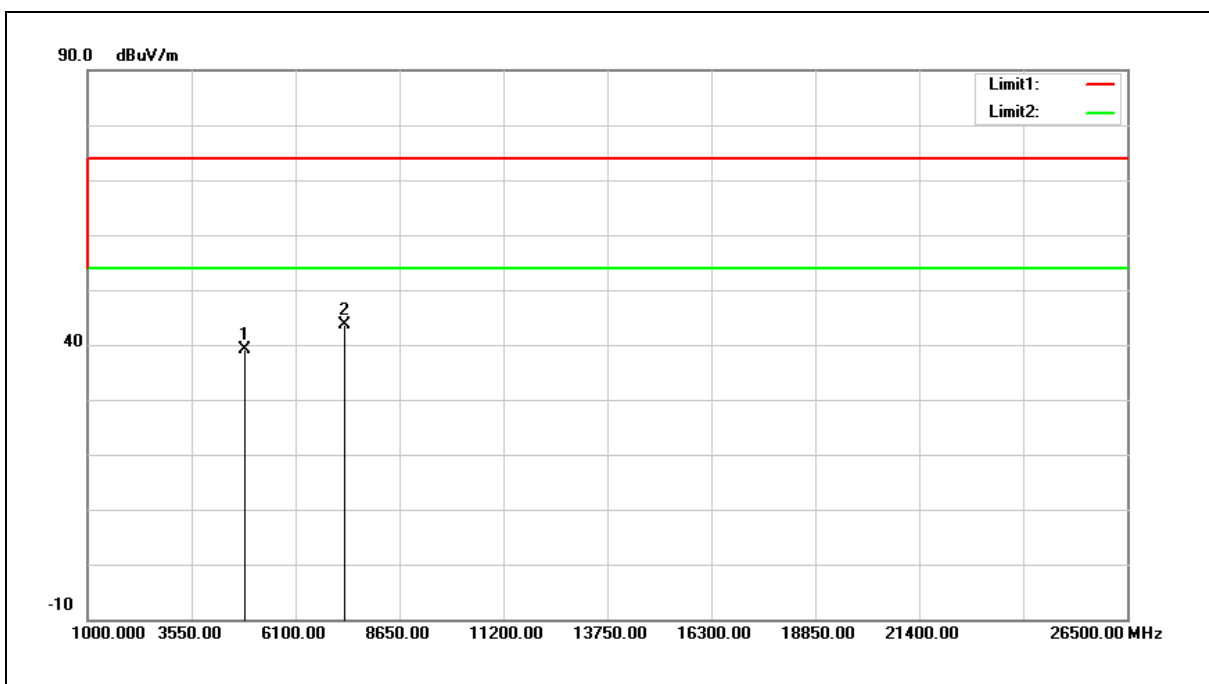
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	37.77	-0.80	36.97	74.00	-37.03	peak
2	7311.000	36.49	6.46	42.95	74.00	-31.05	peak

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

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

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

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



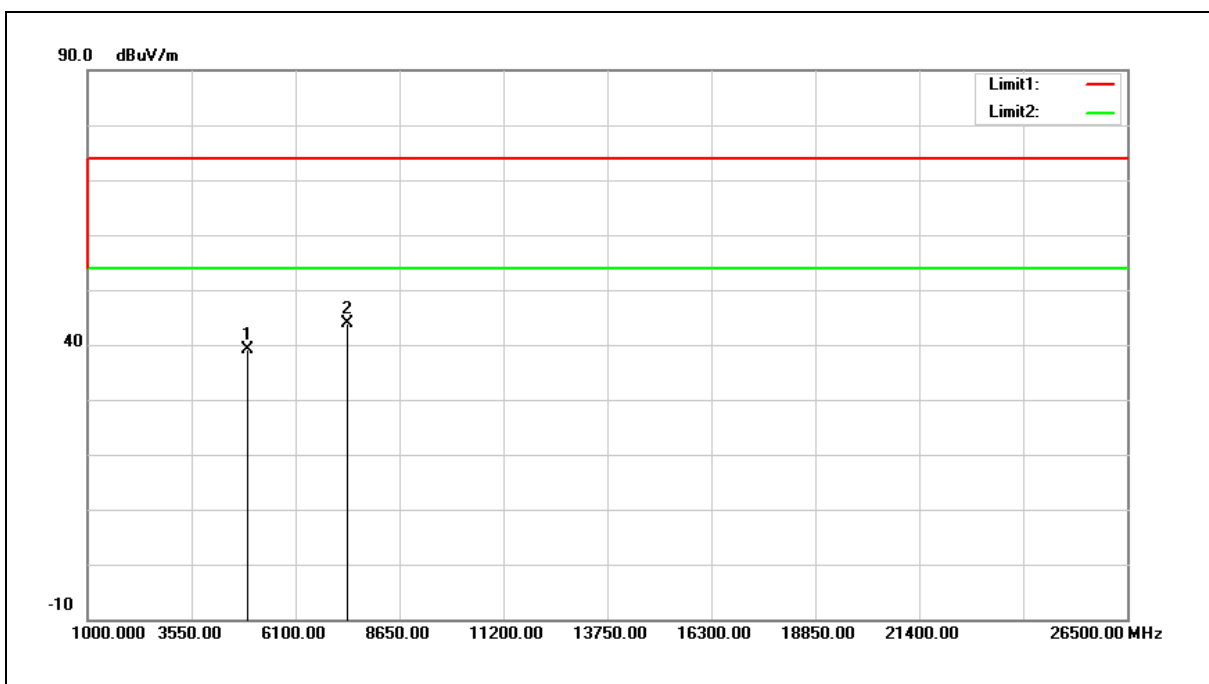
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.99	-0.80	39.19	74.00	-34.81	peak
2	7311.000	37.06	6.46	43.52	74.00	-30.48	peak

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

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

3.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		



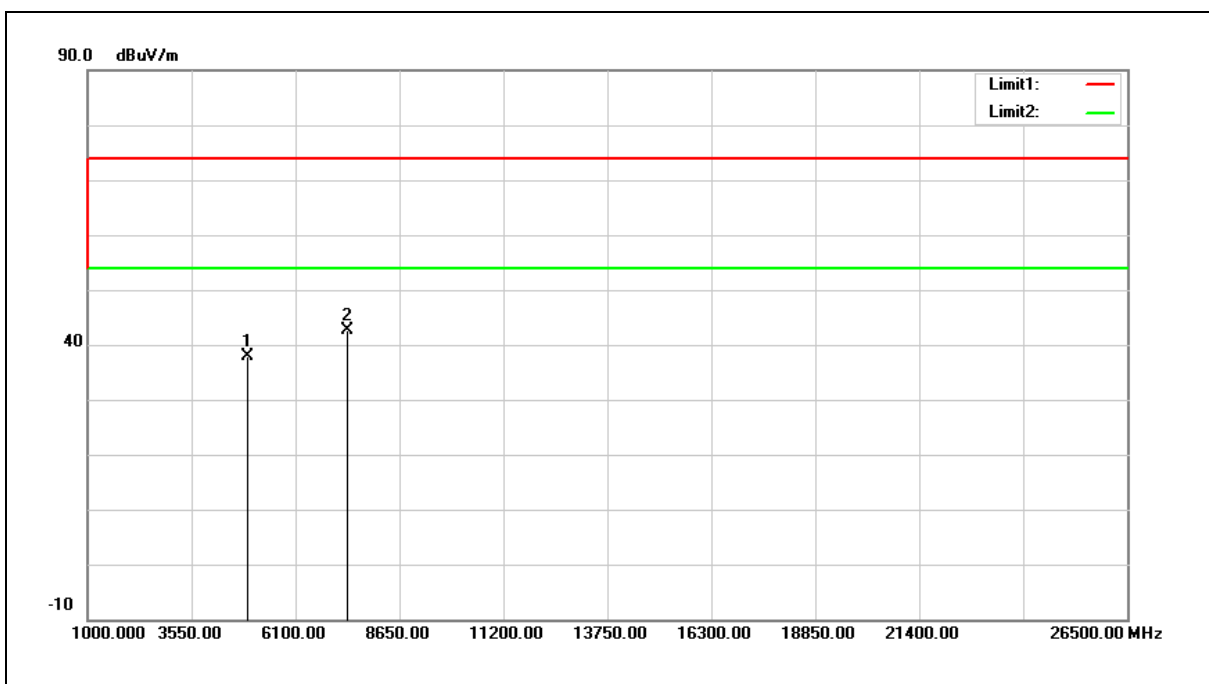
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	39.72	-0.63	39.09	74.00	-34.91	peak
2	7386.000	37.03	6.75	43.78	74.00	-30.22	peak

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 2		
Ant.Polar.:	Vertical		



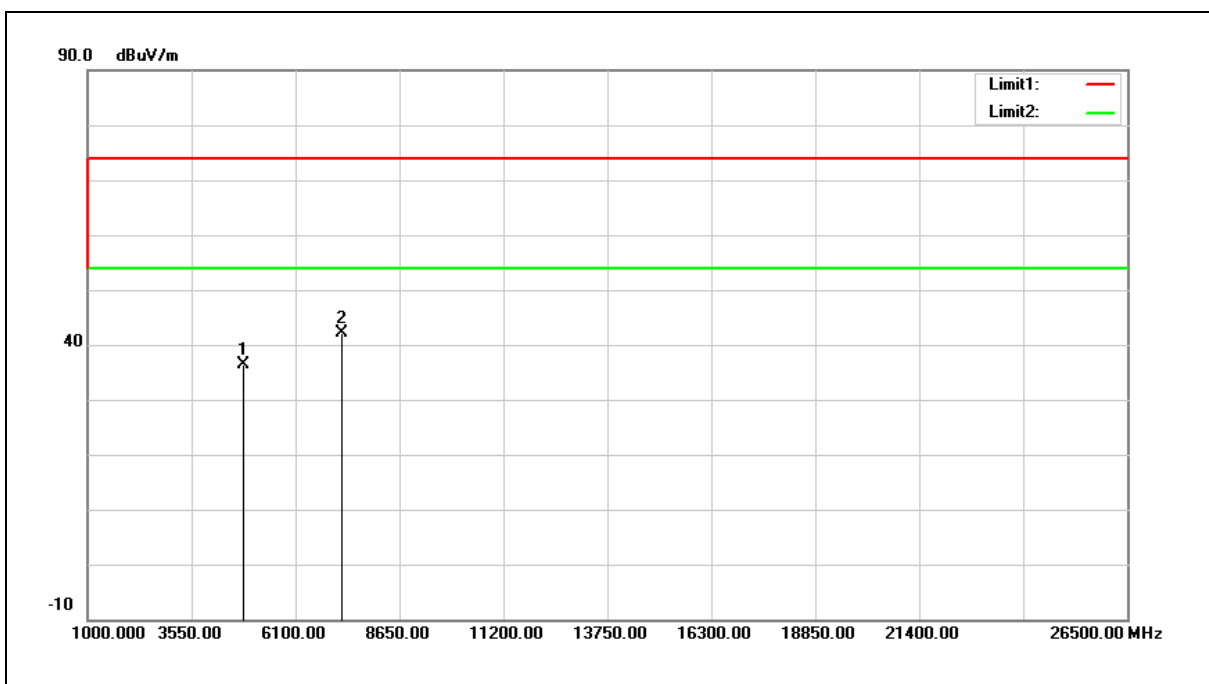
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	38.42	-0.63	37.79	74.00	-36.21	peak
2	7386.000	35.82	6.75	42.57	74.00	-31.43	peak

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



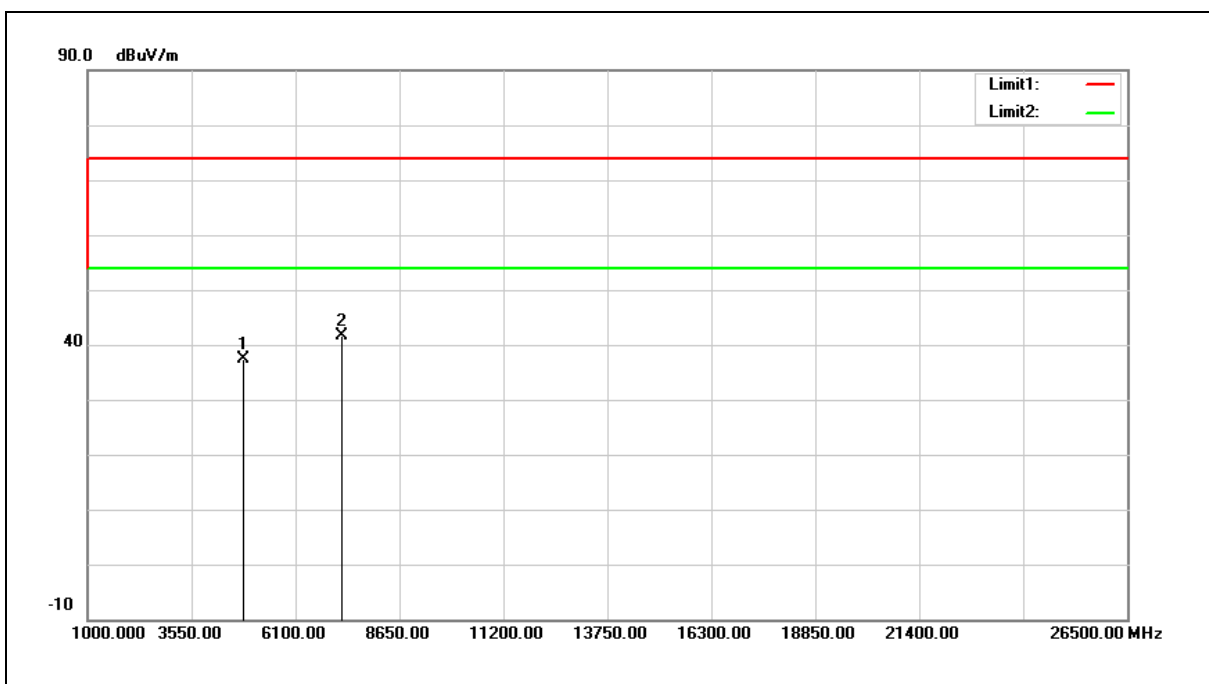
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	37.40	-0.98	36.42	74.00	-37.58	peak
2	7236.000	36.07	6.16	42.23	74.00	-31.77	peak

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

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

3.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		



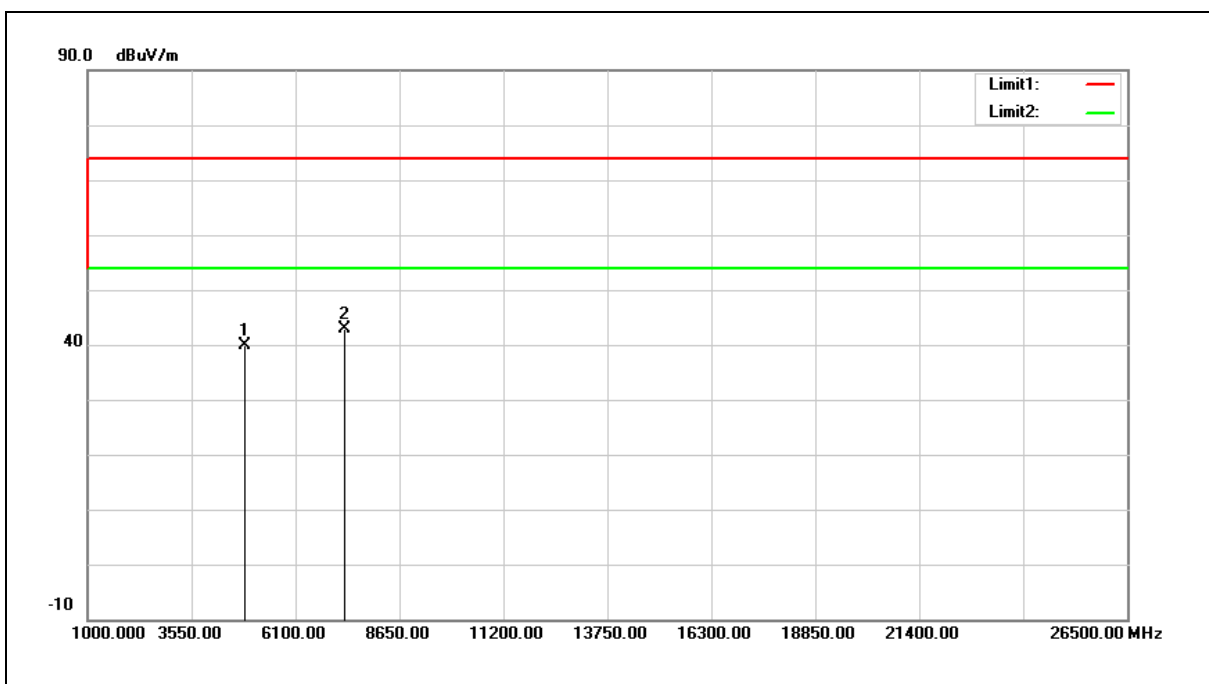
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	38.36	-0.98	37.38	74.00	-36.62	peak
2	7236.000	35.54	6.16	41.70	74.00	-32.30	peak

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

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

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

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



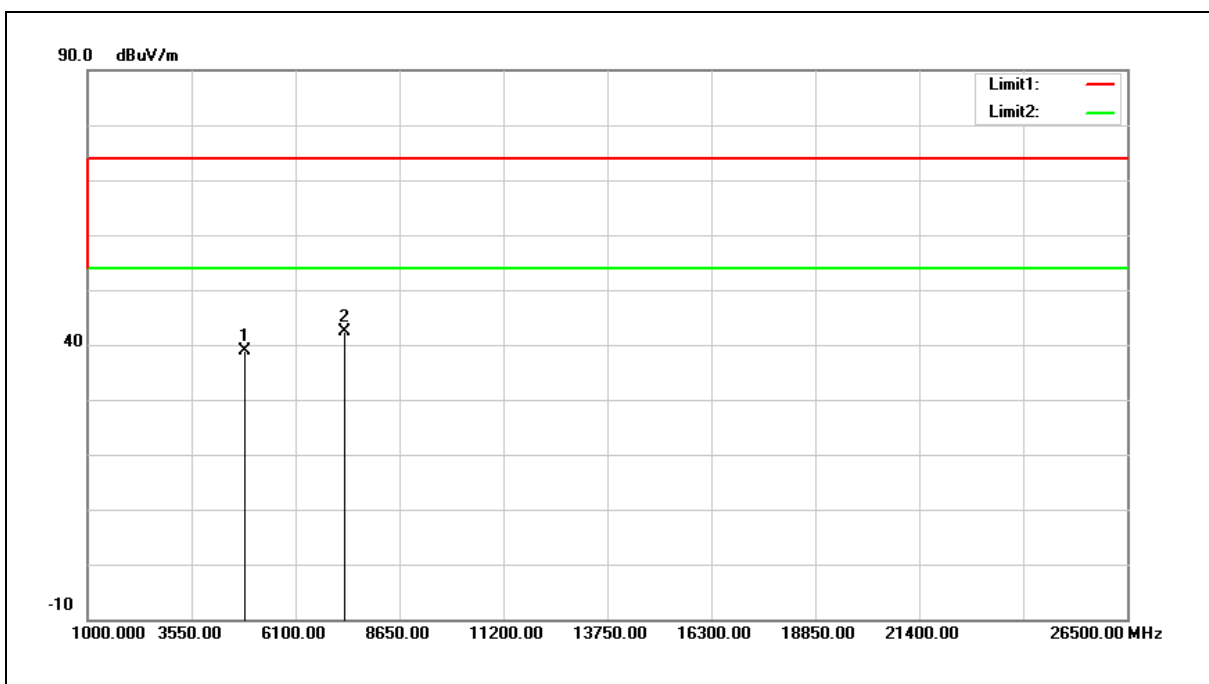
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.68	-0.80	39.88	74.00	-34.12	peak
2	7311.000	36.43	6.46	42.89	74.00	-31.11	peak

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

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

3.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		



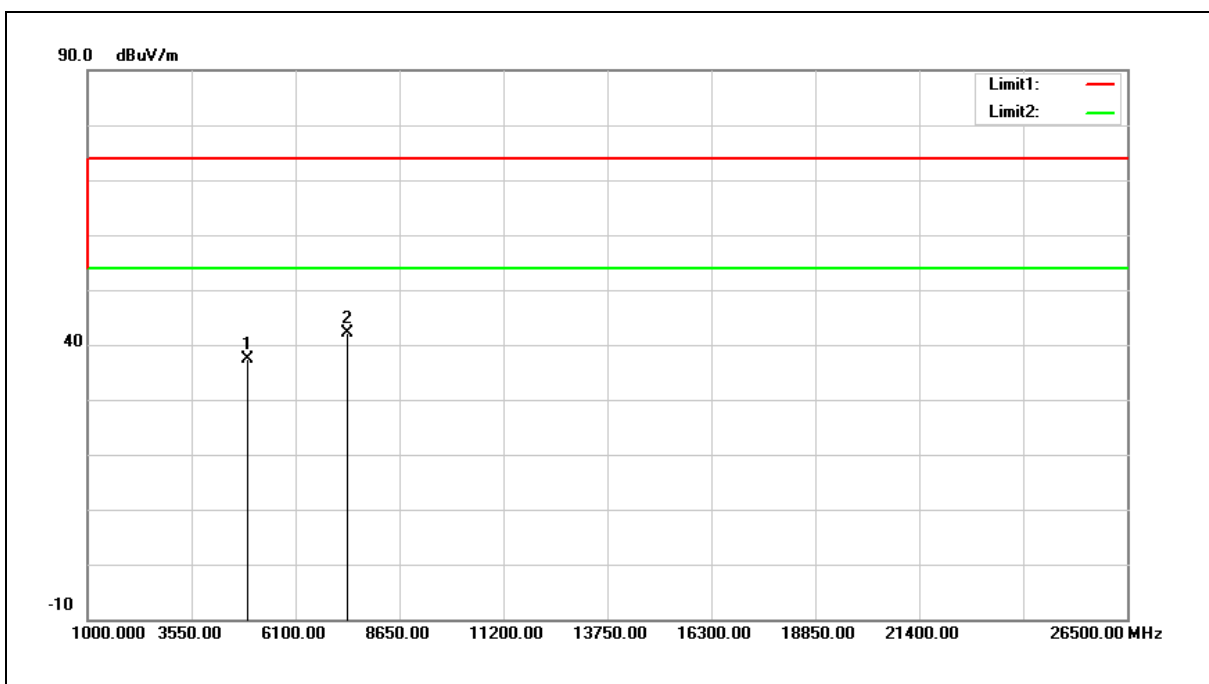
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.58	-0.80	38.78	74.00	-35.22	peak
2	7311.000	36.02	6.46	42.48	74.00	-31.52	peak

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



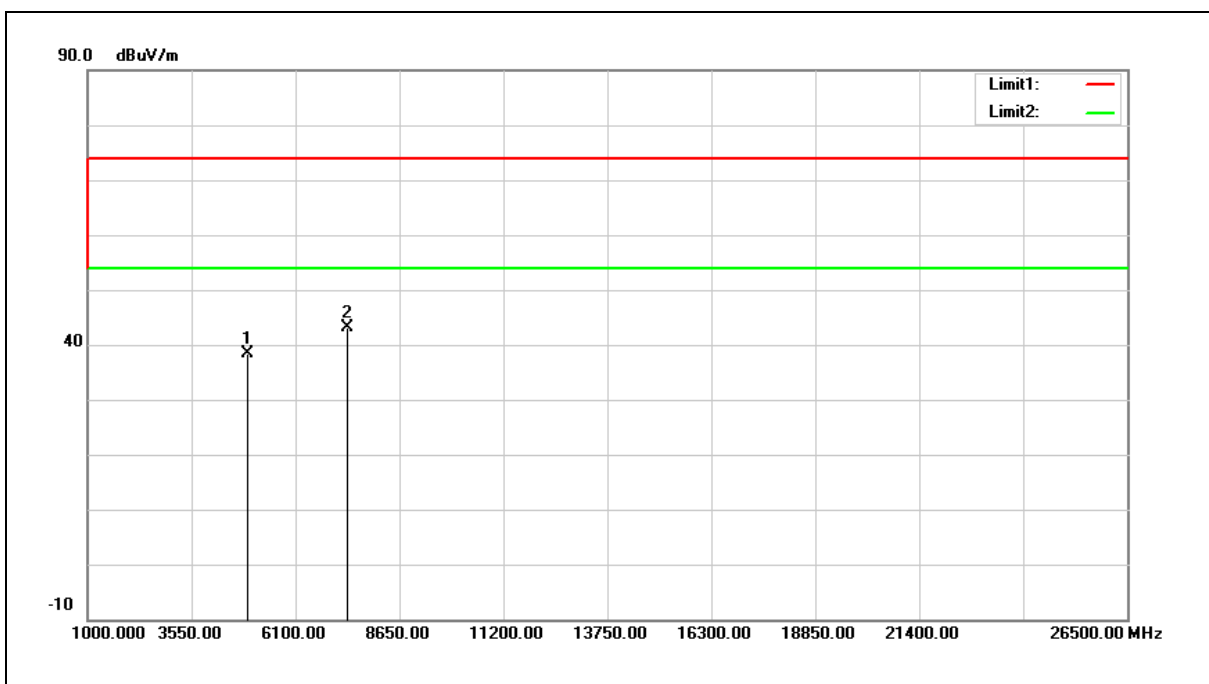
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	38.02	-0.63	37.39	74.00	-36.61	peak
2	7386.000	35.33	6.75	42.08	74.00	-31.92	peak

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

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

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

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



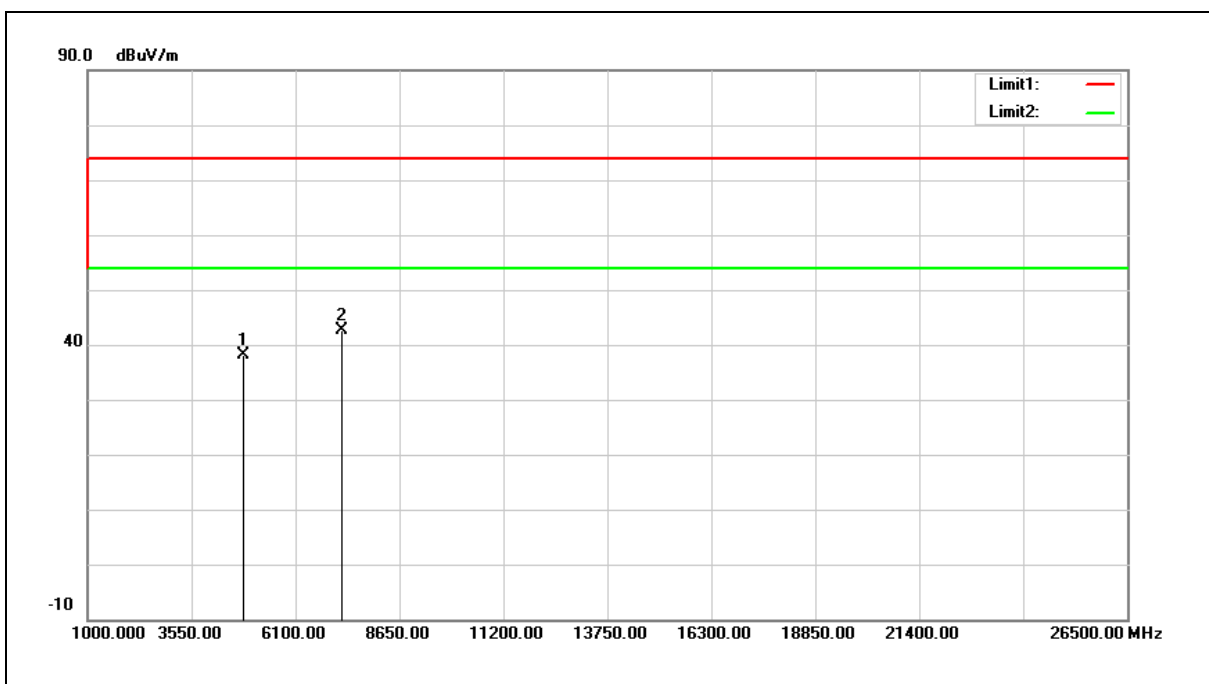
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	38.90	-0.63	38.27	74.00	-35.73	peak
2	7386.000	36.30	6.75	43.05	74.00	-30.95	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



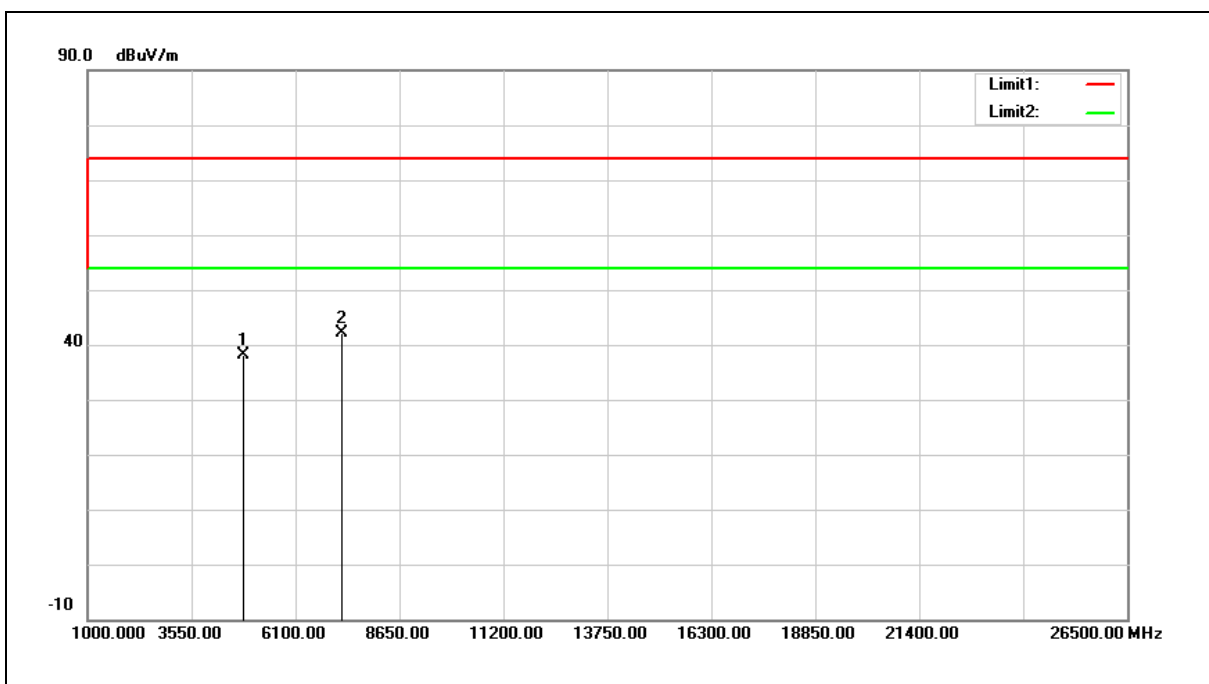
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.06	-0.98	38.08	74.00	-35.92	peak
2	7236.000	36.59	6.16	42.75	74.00	-31.25	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



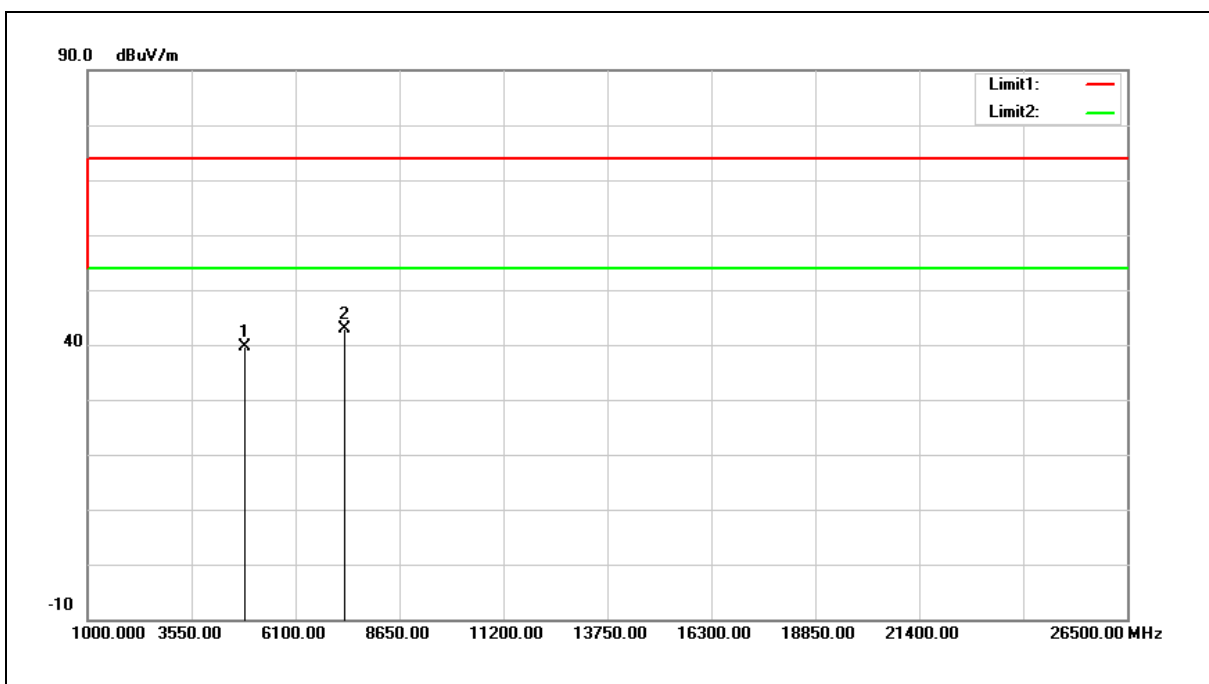
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.08	-0.98	38.10	74.00	-35.90	peak
2	7236.000	36.03	6.16	42.19	74.00	-31.81	peak

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

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

3.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		



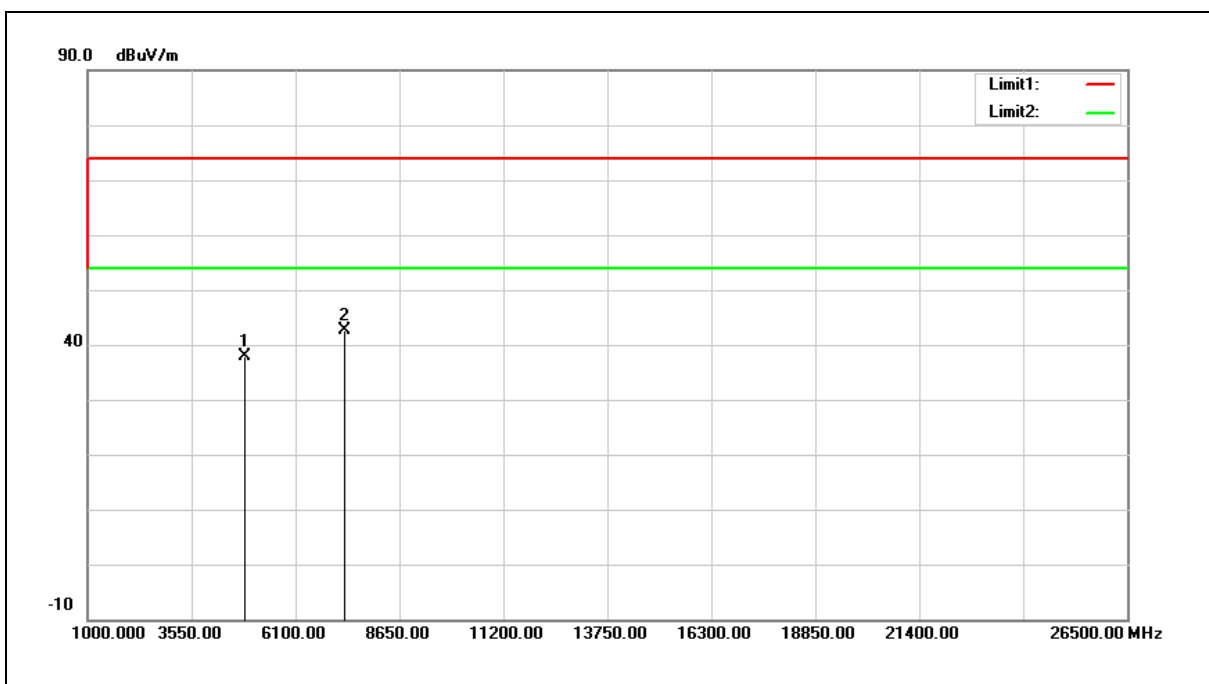
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.43	-0.80	39.63	74.00	-34.37	peak
2	7311.000	36.44	6.46	42.90	74.00	-31.10	peak

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

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

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

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



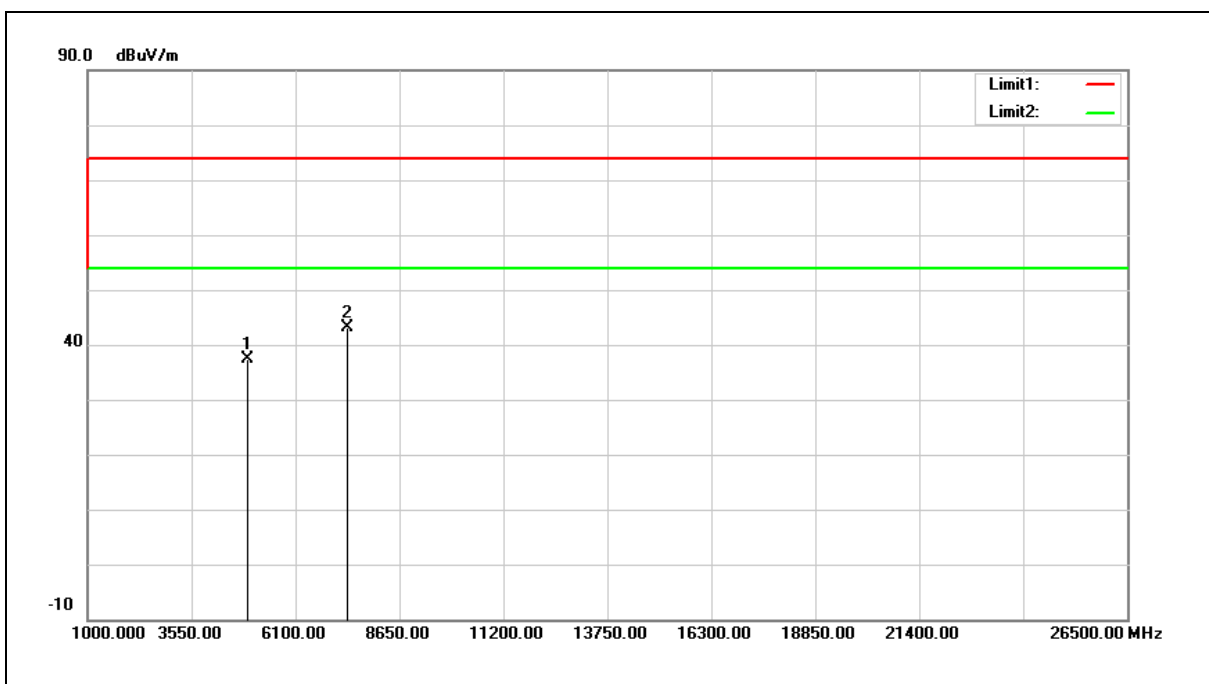
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	38.68	-0.80	37.88	74.00	-36.12	peak
2	7311.000	36.22	6.46	42.68	74.00	-31.32	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



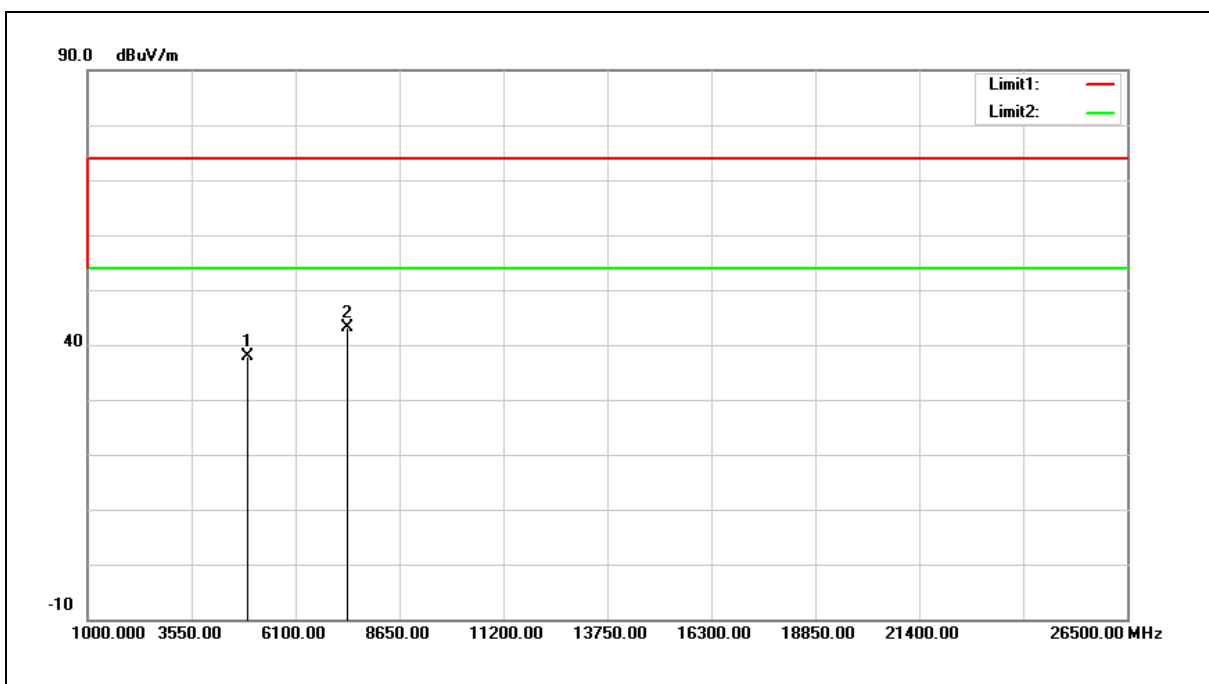
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	37.90	-0.63	37.27	74.00	-36.73	peak
2	7386.000	36.26	6.75	43.01	74.00	-30.99	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



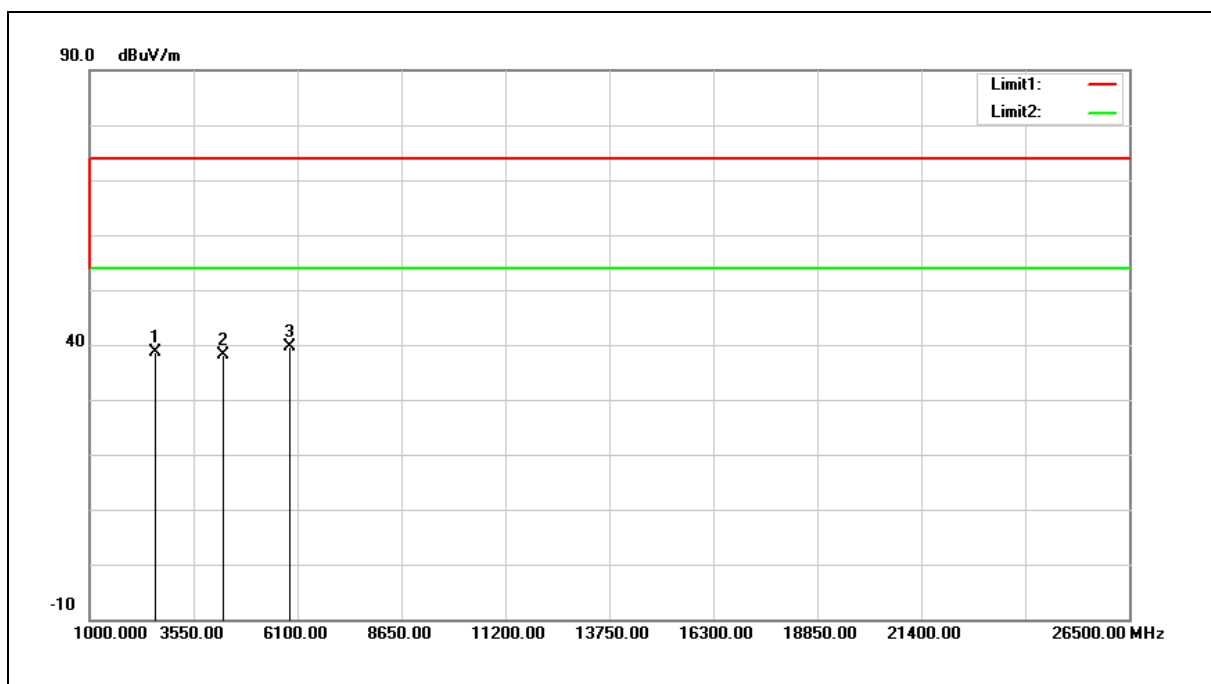
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	38.46	-0.63	37.83	74.00	-36.17	peak
2	7386.000	36.33	6.75	43.08	74.00	-30.92	peak

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

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

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

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



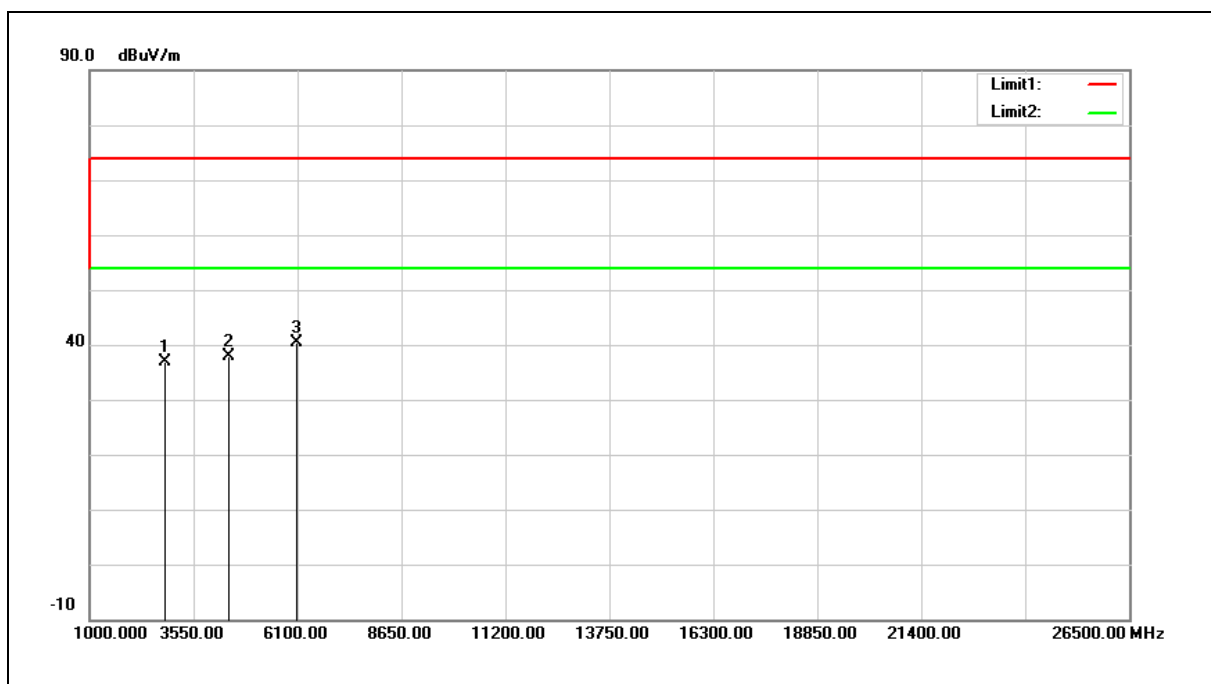
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2598.000	45.10	-6.56	38.54	74.00	-35.46	peak
2	4264.000	40.81	-2.80	38.01	74.00	-35.99	peak
3	5896.000	38.05	1.64	39.69	74.00	-34.31	peak

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

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

3.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	2853.000	42.55	-5.78	36.77	74.00	-37.23	peak
2	4400.000	40.16	-2.40	37.76	74.00	-36.24	peak
3	6066.000	38.13	2.17	40.30	74.00	-33.70	peak

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

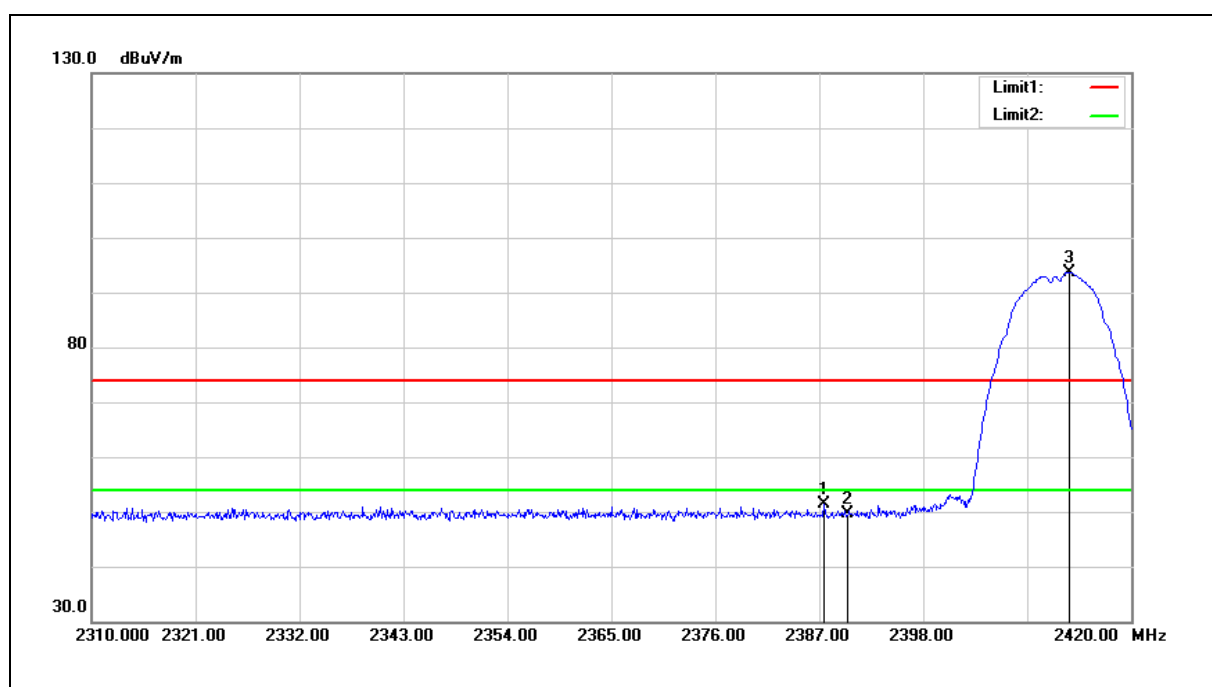
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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Peak

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



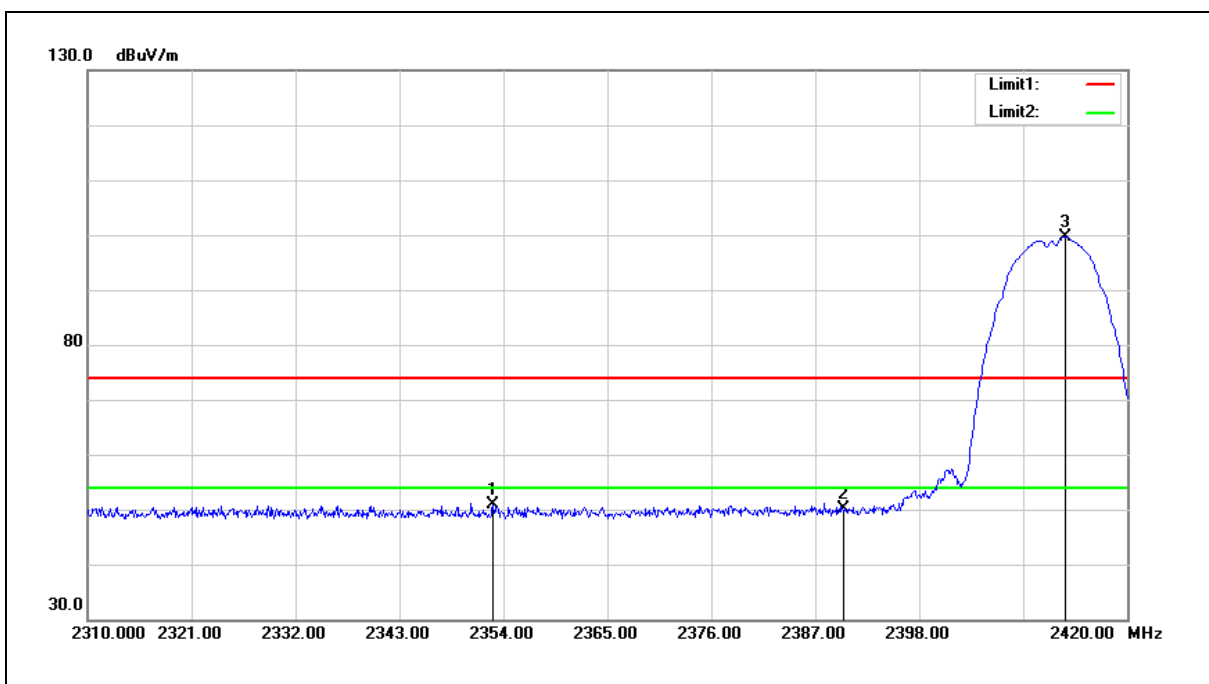
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.440	58.75	-7.33	51.42	74.00	-22.58	peak
2	2390.000	57.04	-7.30	49.74	74.00	-24.26	peak
3	2413.400	100.89	-7.21	93.68	--	--	peak

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

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

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

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



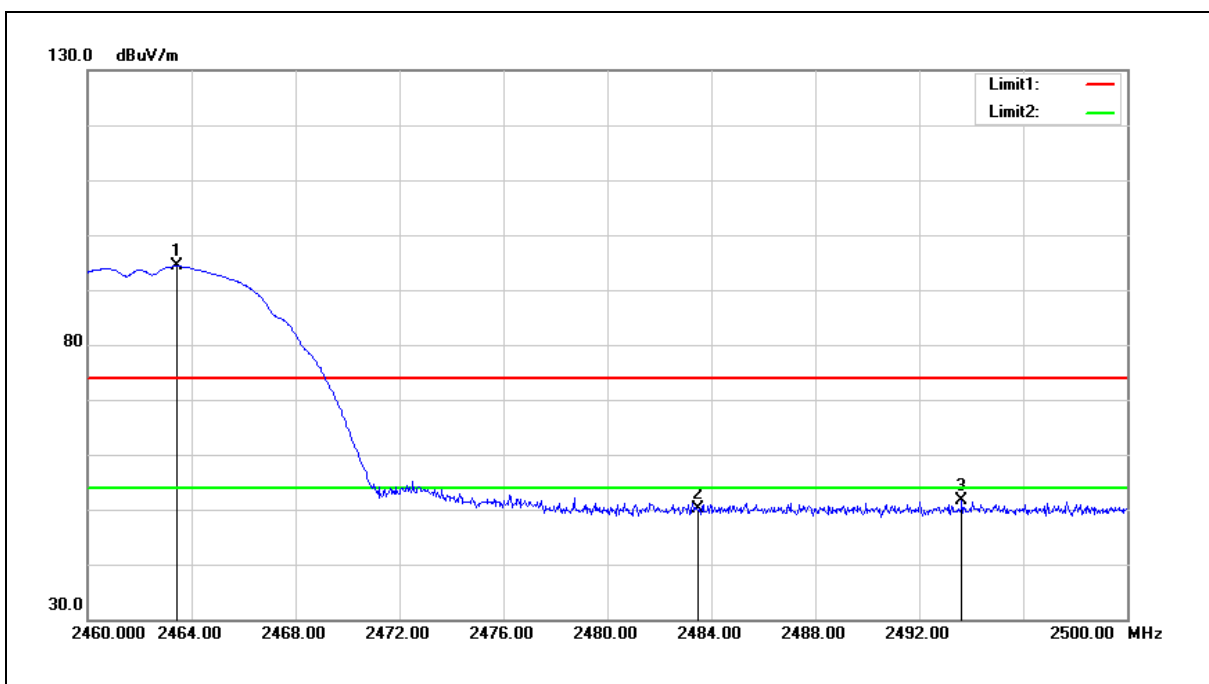
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2352.900	58.23	-7.45	50.78	74.00	-23.22	peak
2	2390.000	57.39	-7.30	50.09	74.00	-23.91	peak
3	2413.510	106.80	-7.21	99.59	--	--	peak

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

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

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

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



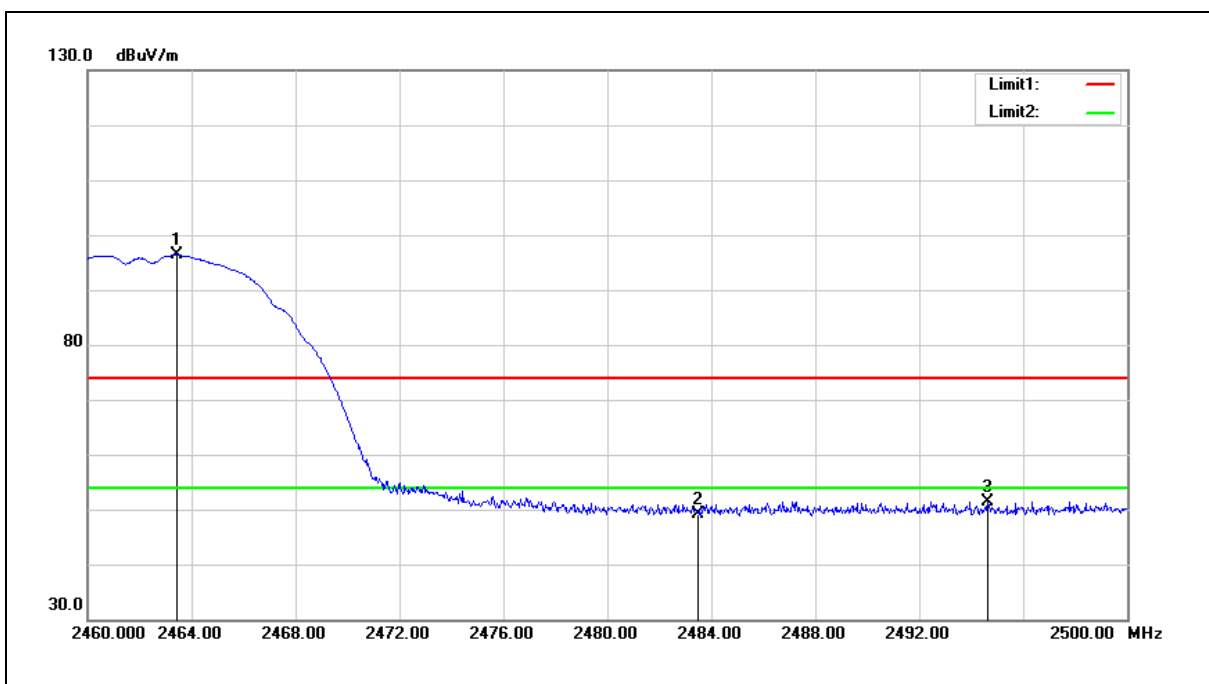
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.440	101.31	-7.00	94.31	--	--	peak
2	2483.500	56.96	-6.94	50.02	74.00	-23.98	peak
3	2493.640	58.52	-6.90	51.62	74.00	-22.38	peak

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:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



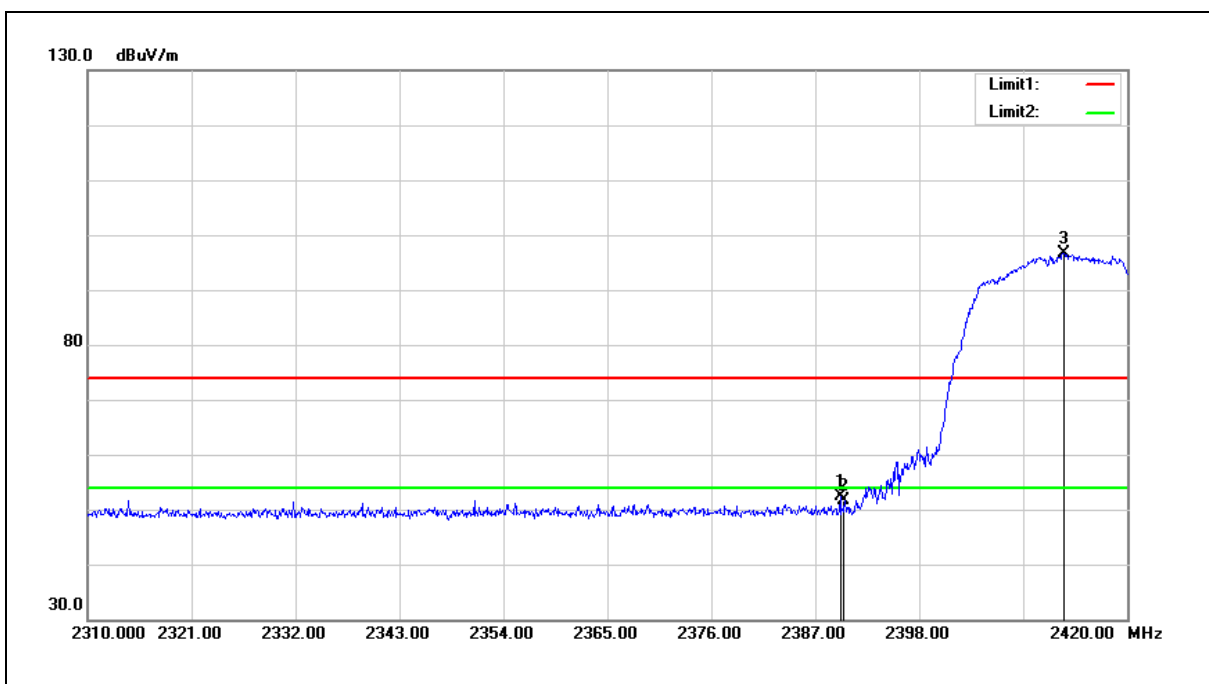
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.440	103.36	-7.00	96.36	--	--	peak
2	2483.500	56.18	-6.94	49.24	74.00	-24.76	peak
3	2494.640	58.37	-6.90	51.47	74.00	-22.53	peak

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



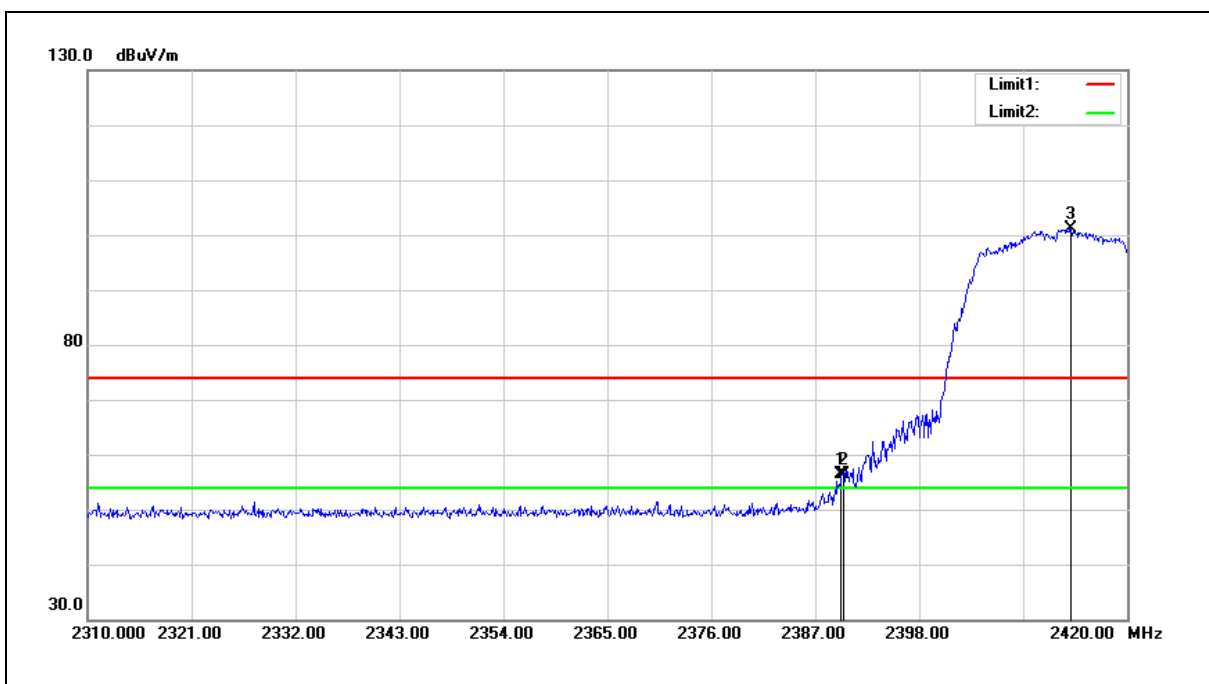
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.640	59.64	-7.30	52.34	74.00	-21.66	peak
2	2390.000	59.05	-7.30	51.75	74.00	-22.25	peak
3	2413.290	103.87	-7.21	96.66	--	--	peak

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

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

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

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



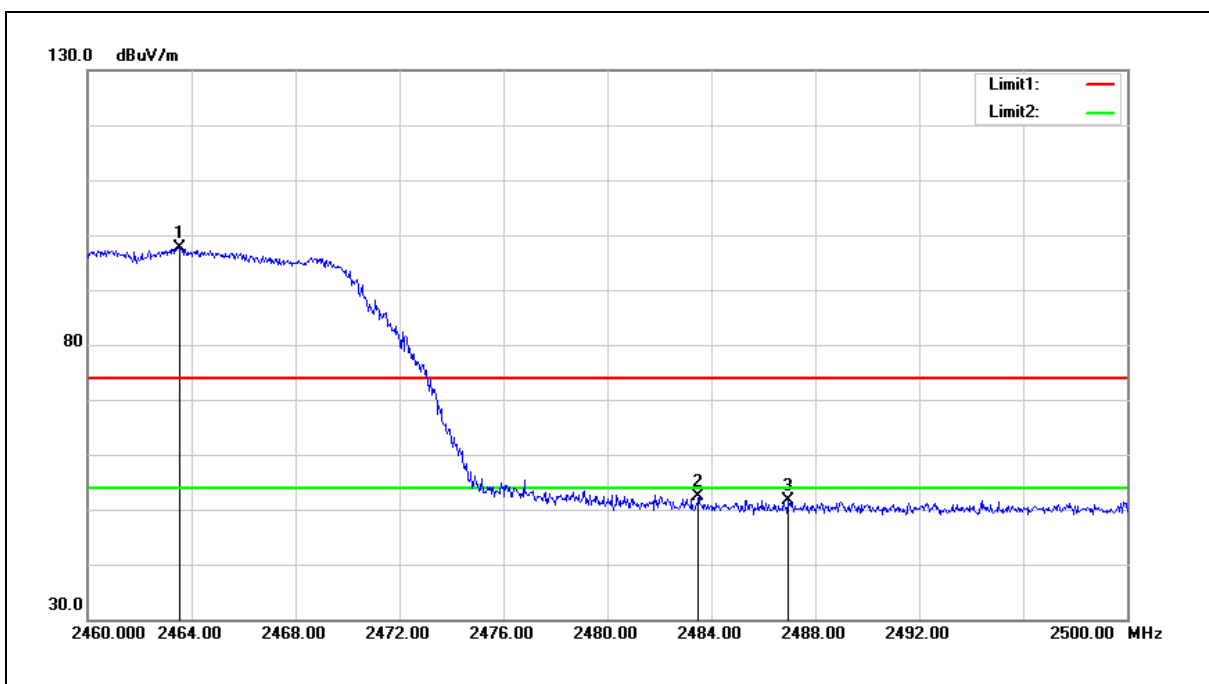
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.750	63.74	-7.30	56.44	74.00	-17.56	peak
2	2390.000	63.62	-7.30	56.32	74.00	-17.68	peak
3	2414.060	108.42	-7.21	101.21	--	--	peak

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



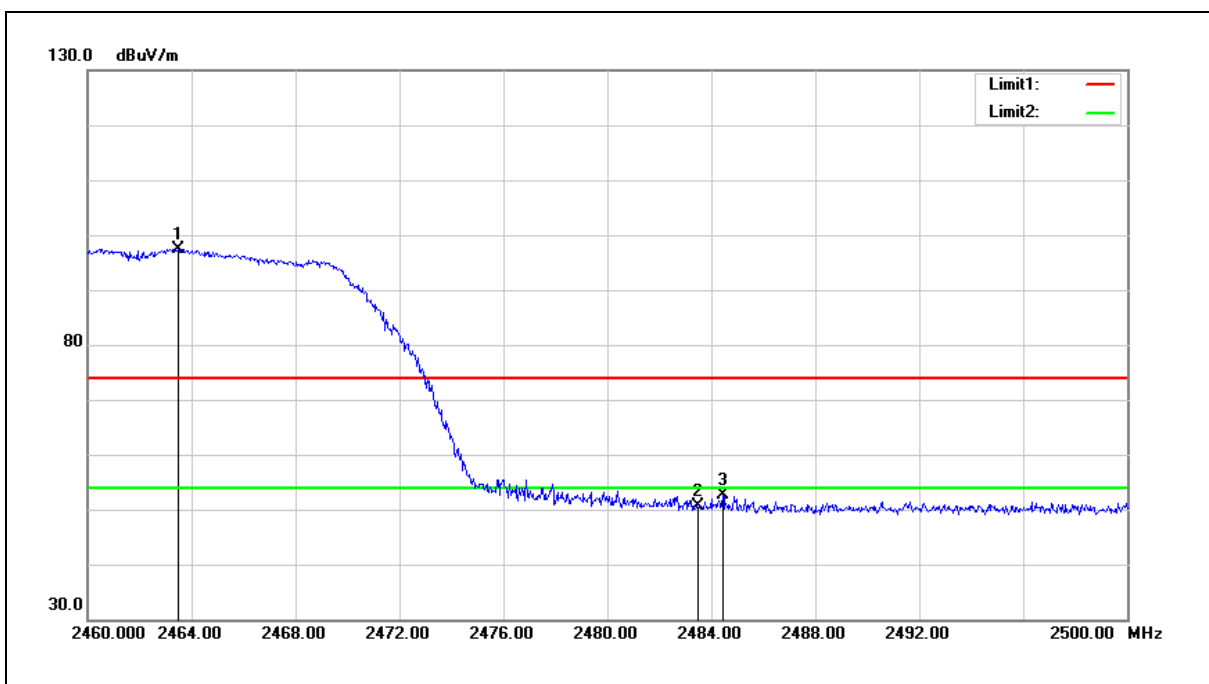
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.520	104.59	-7.00	97.59	--	--	peak
2	2483.500	59.36	-6.94	52.42	74.00	-21.58	peak
3	2486.960	58.60	-6.92	51.68	74.00	-22.32	peak

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

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

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

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



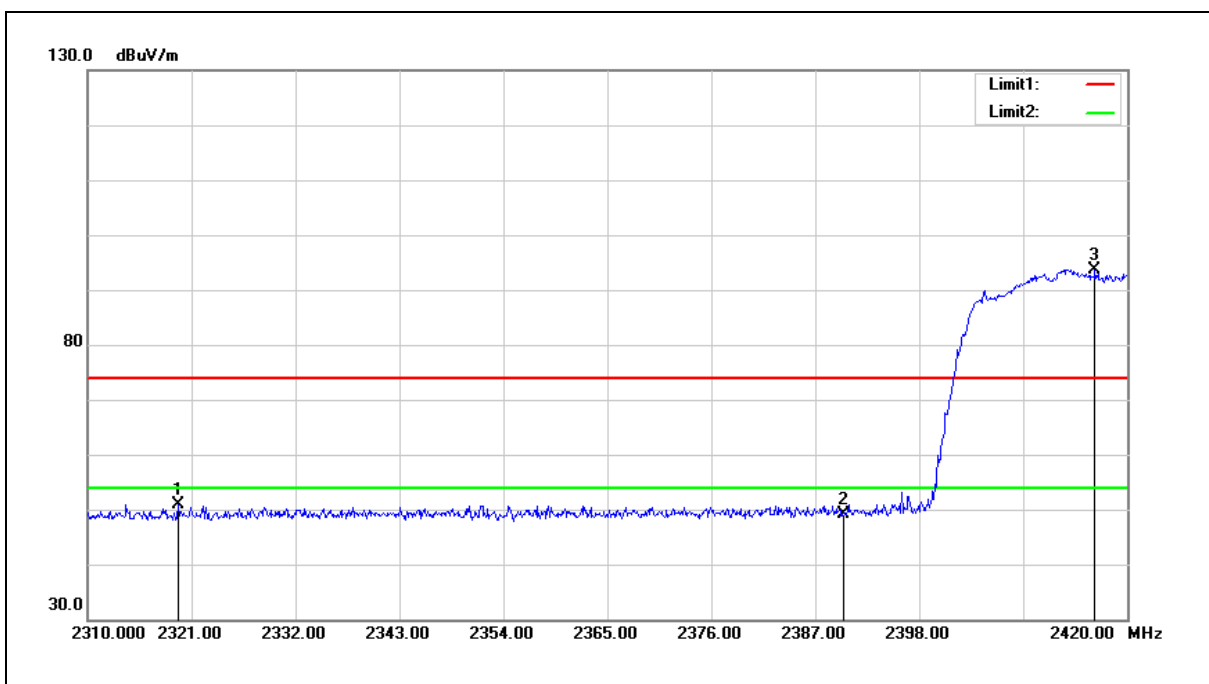
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.480	104.45	-7.00	97.45	--	--	peak
2	2483.500	57.51	-6.94	50.57	74.00	-23.43	peak
3	2484.440	59.56	-6.92	52.64	74.00	-21.36	peak

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:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



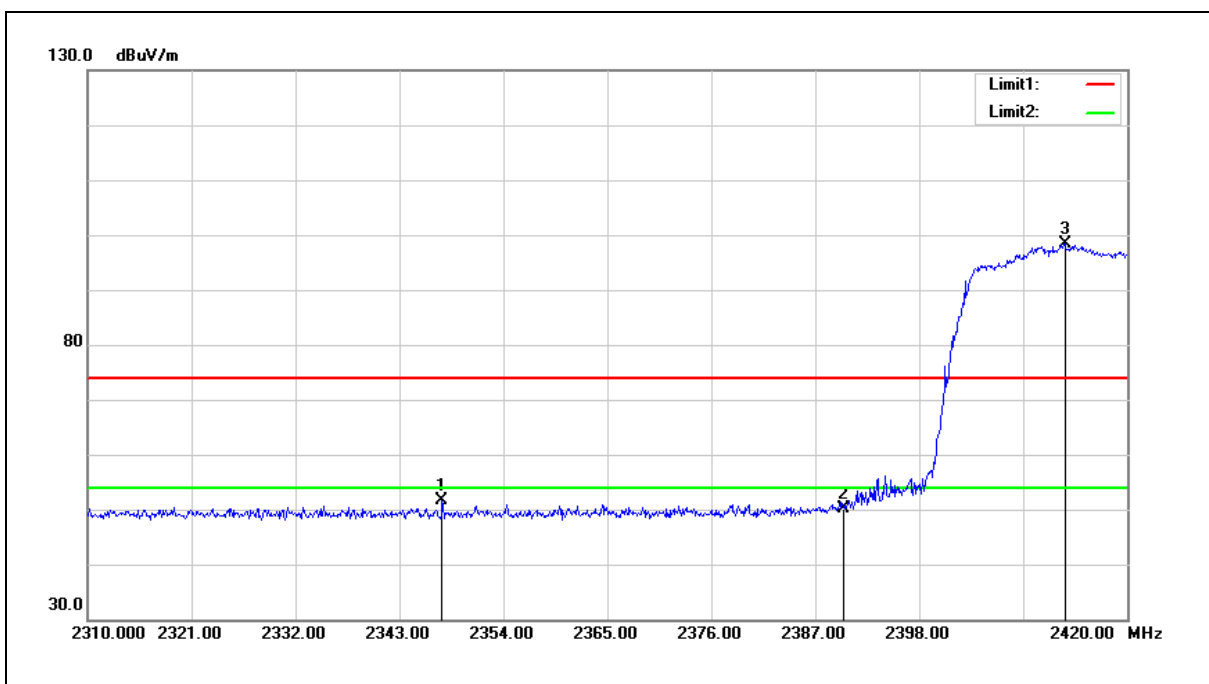
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2319.570	58.35	-7.59	50.76	74.00	-23.24	peak
2	2390.000	56.40	-7.30	49.10	74.00	-24.90	peak
3	2416.590	100.88	-7.20	93.68	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



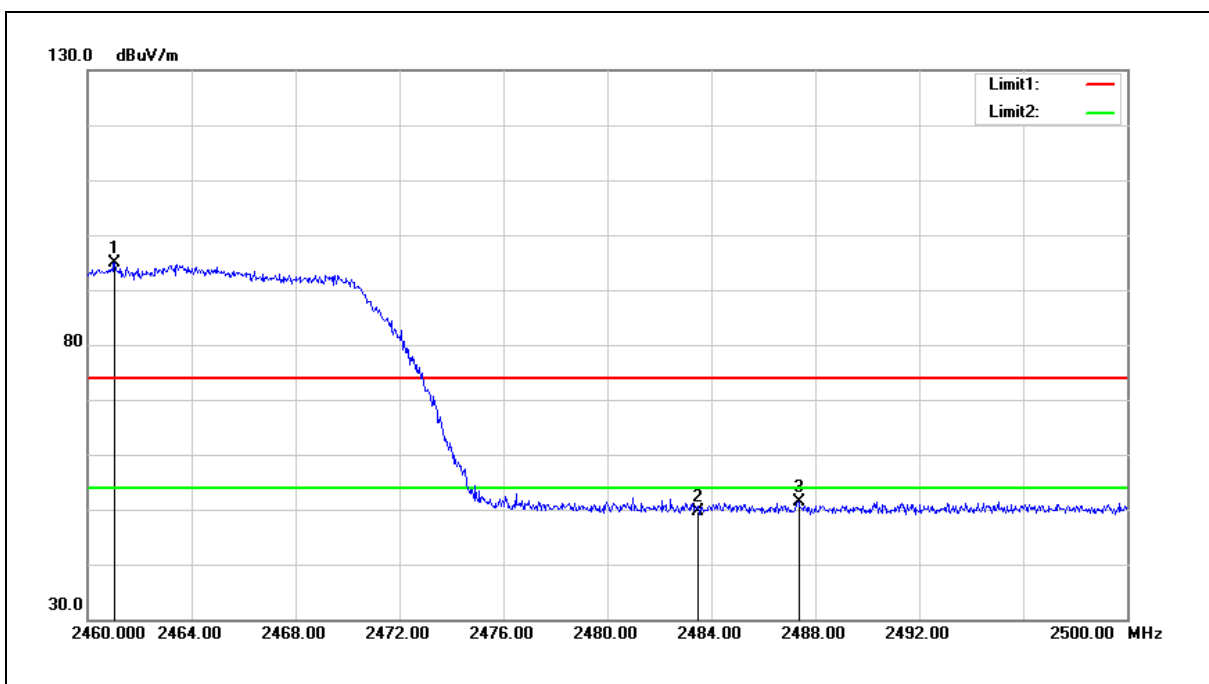
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2347.510	59.01	-7.48	51.53	74.00	-22.47	peak
2	2390.000	57.52	-7.30	50.22	74.00	-23.78	peak
3	2413.400	105.55	-7.21	98.34	--	--	peak

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:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



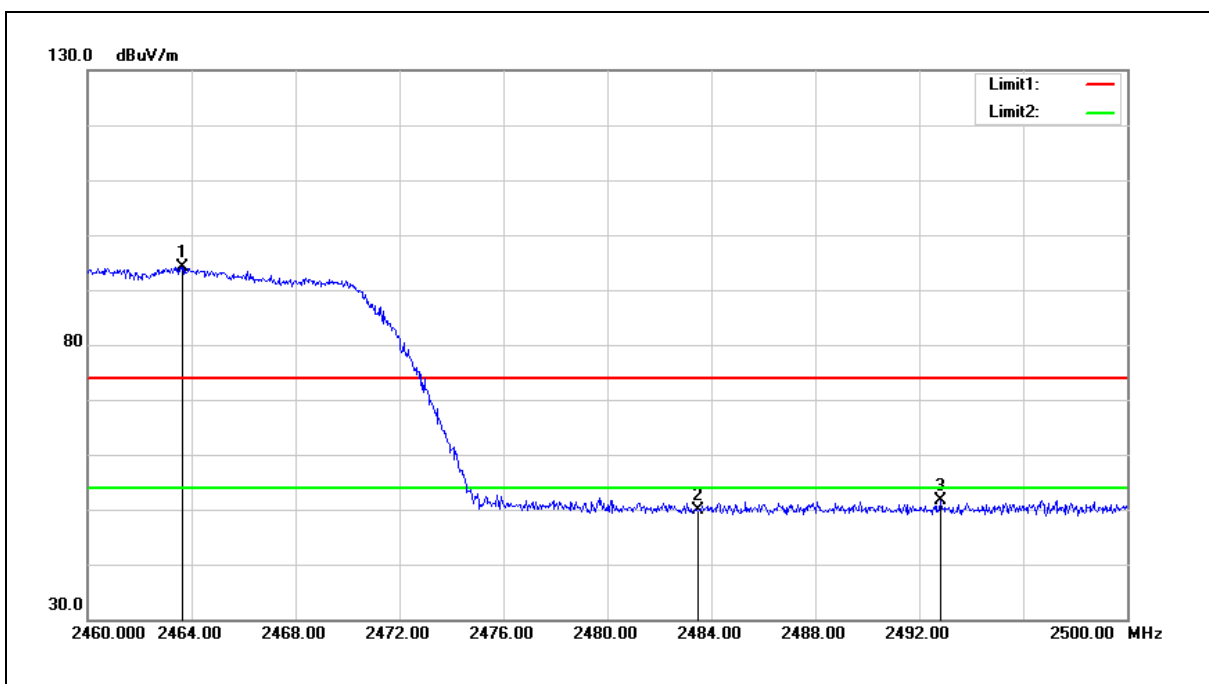
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2461.040	101.91	-7.03	94.88	--	--	peak
2	2483.500	56.57	-6.94	49.63	74.00	-24.37	peak
3	2487.360	58.33	-6.92	51.41	74.00	-22.59	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 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	2463.640	101.20	-7.00	94.20	--	--	peak
2	2483.500	56.74	-6.94	49.80	74.00	-24.20	peak
3	2492.840	58.52	-6.90	51.62	74.00	-22.38	peak

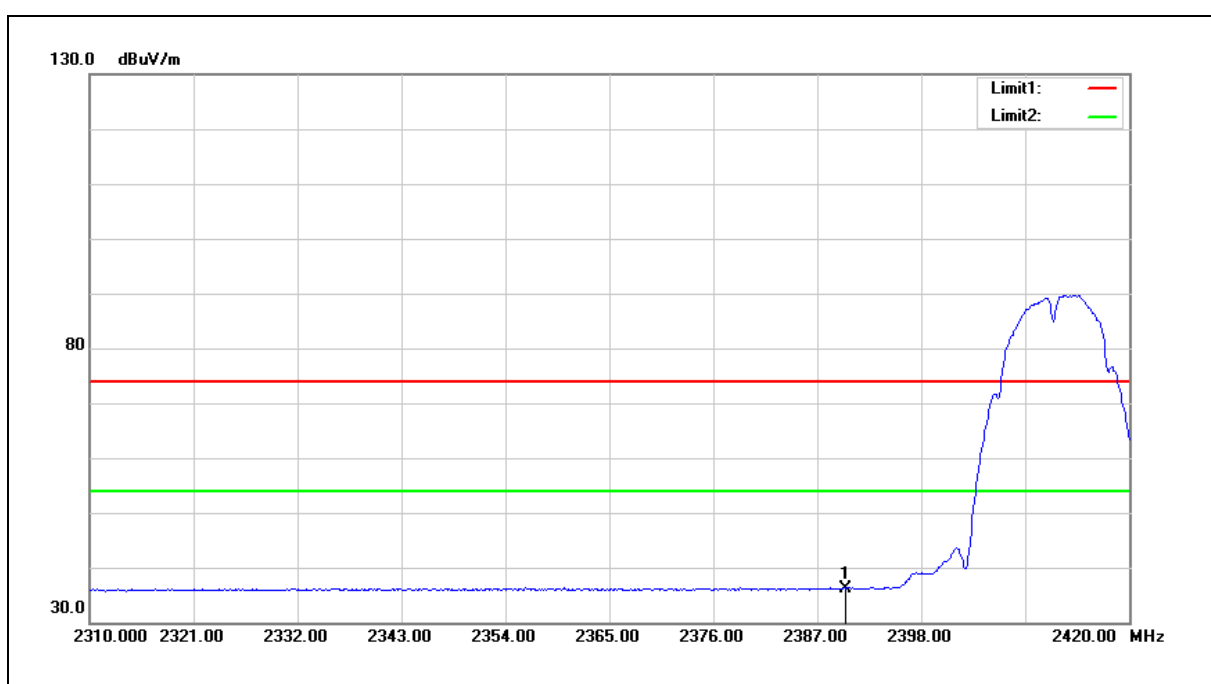
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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.

Average

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



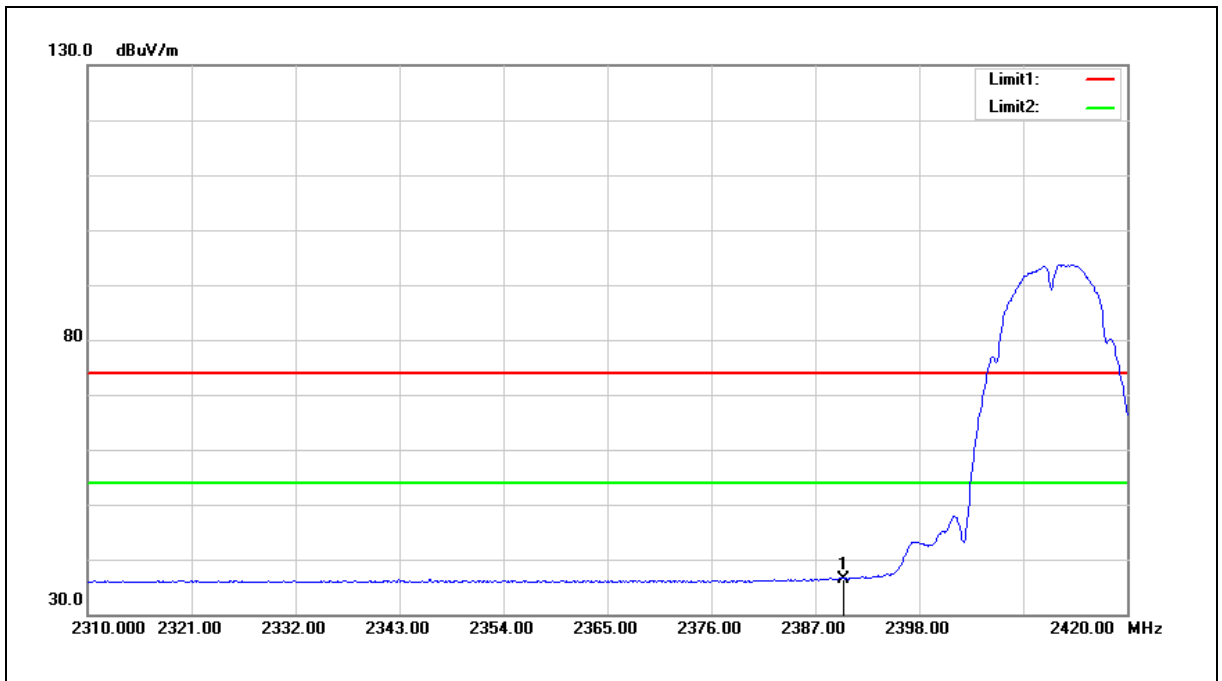
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	43.49	-7.30	36.19	54.00	-17.81	AVG

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		



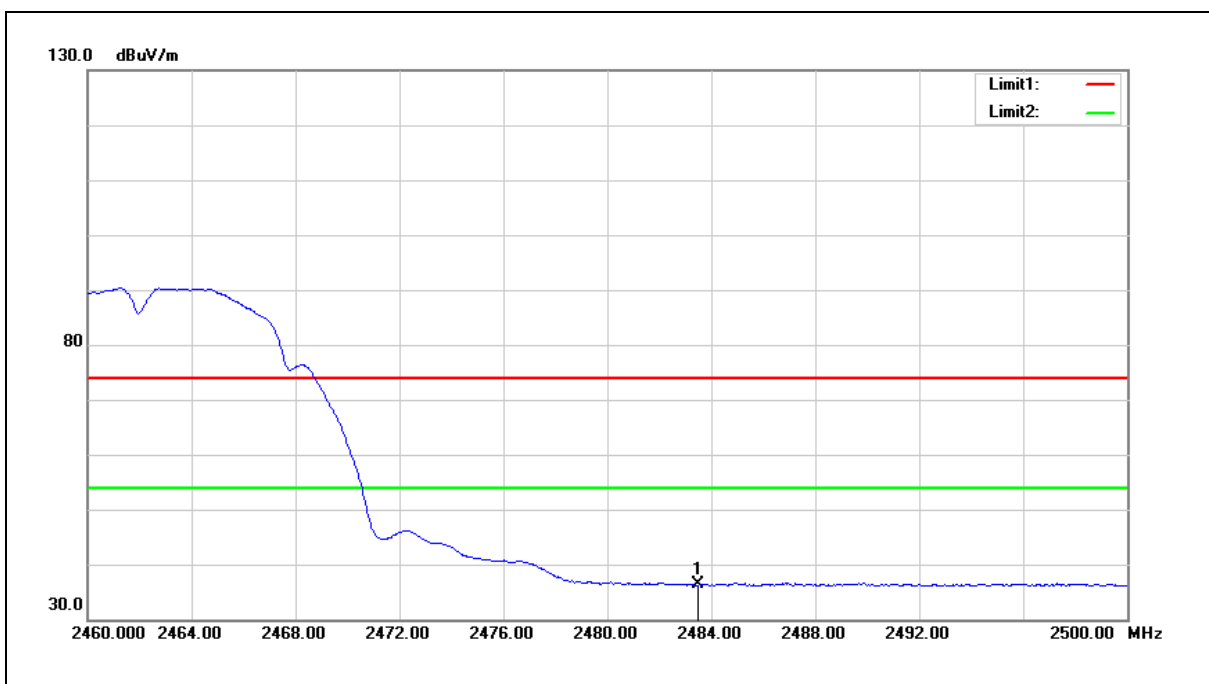
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	43.76	-7.30	36.46	54.00	-17.54	AVG

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



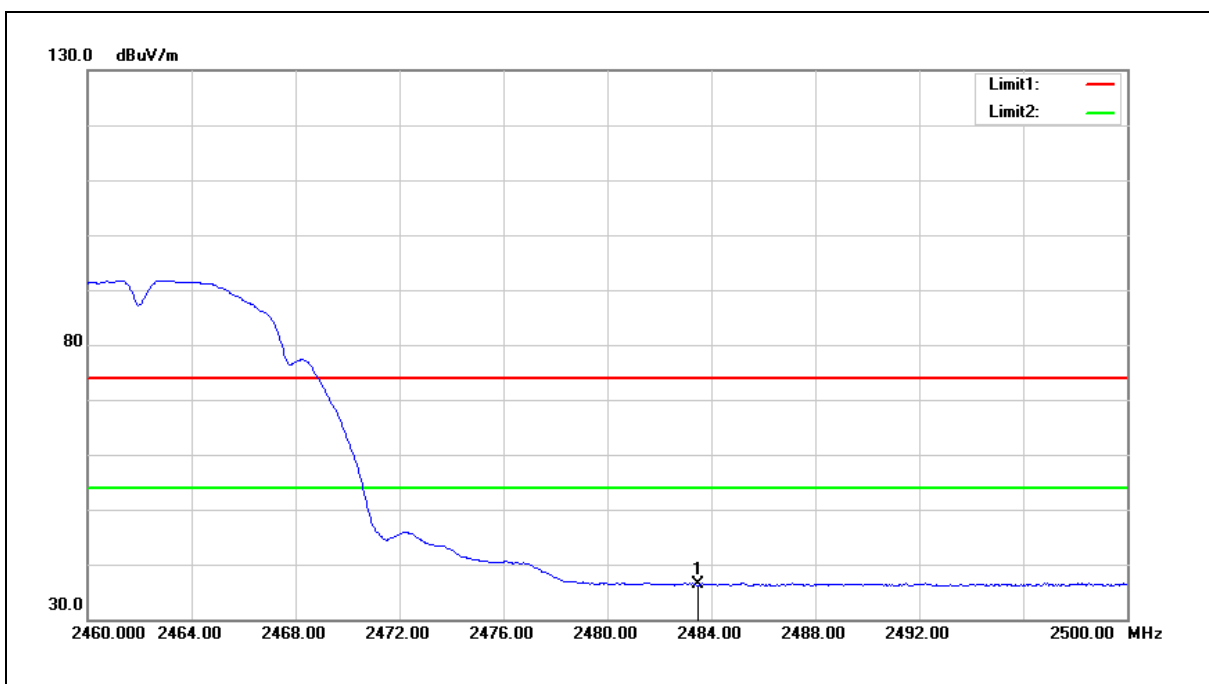
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	43.37	-6.94	36.43	54.00	-17.57	AVG

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:	2462 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



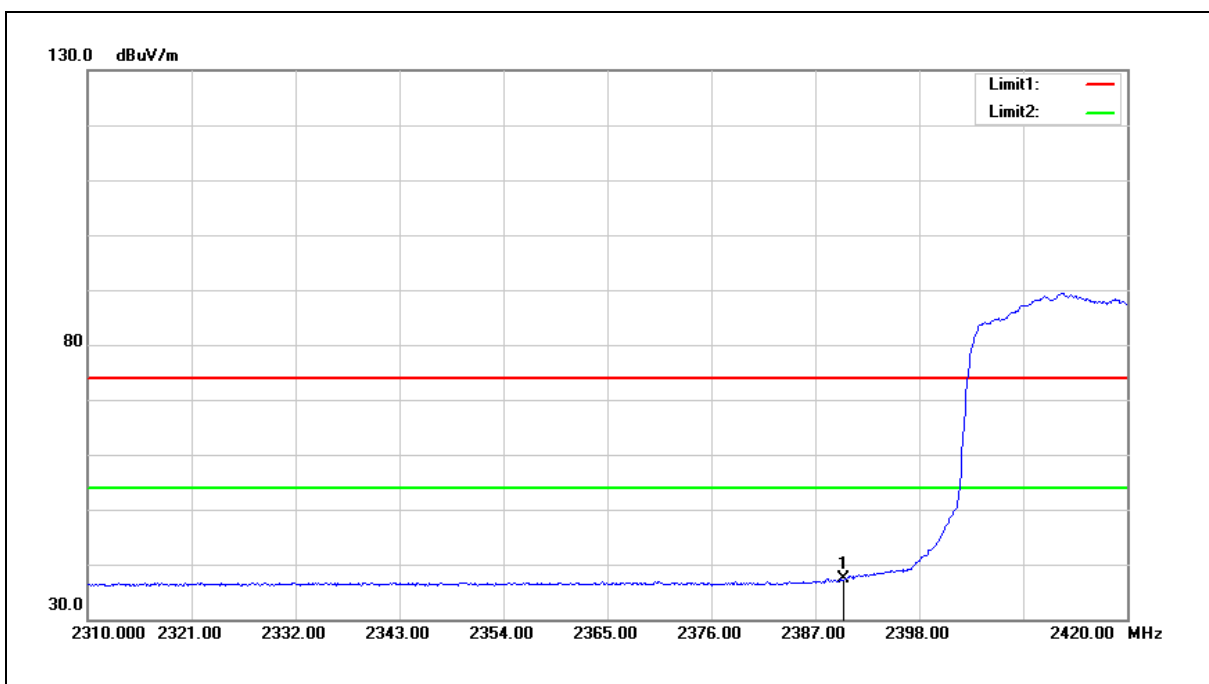
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	43.26	-6.94	36.32	54.00	-17.68	AVG

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

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

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

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



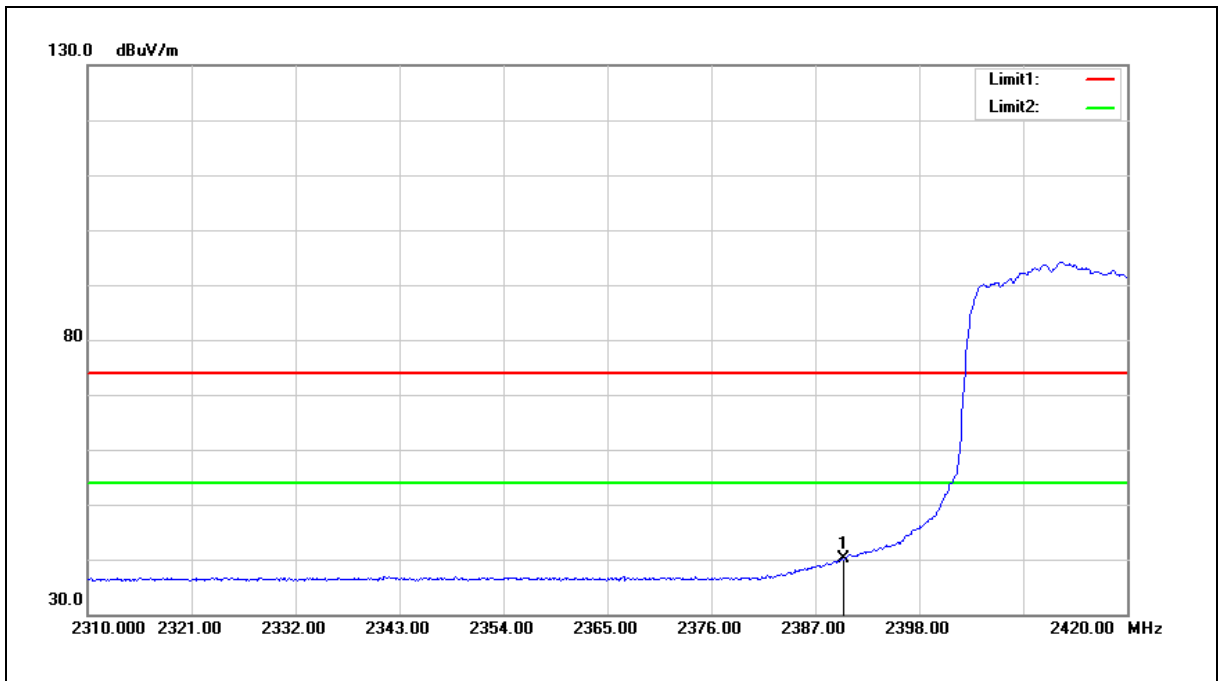
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	44.62	-7.30	37.32	54.00	-16.68	AVG

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

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

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

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



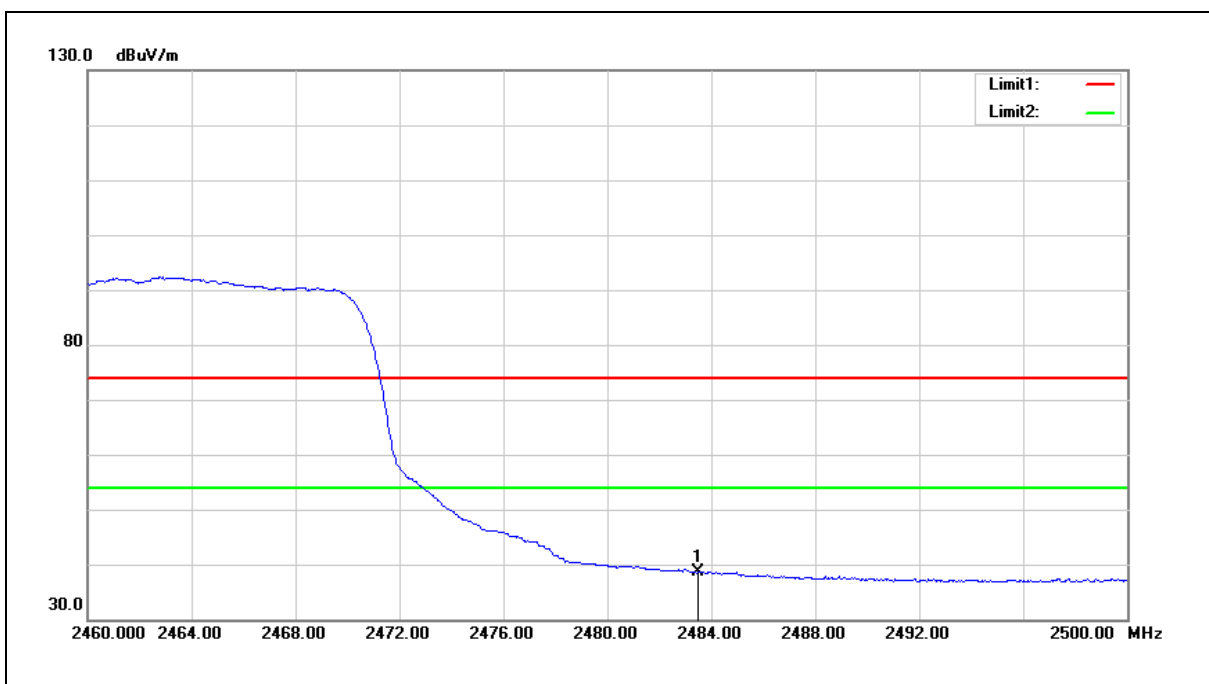
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	47.36	-7.30	40.06	54.00	-13.94	AVG

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		



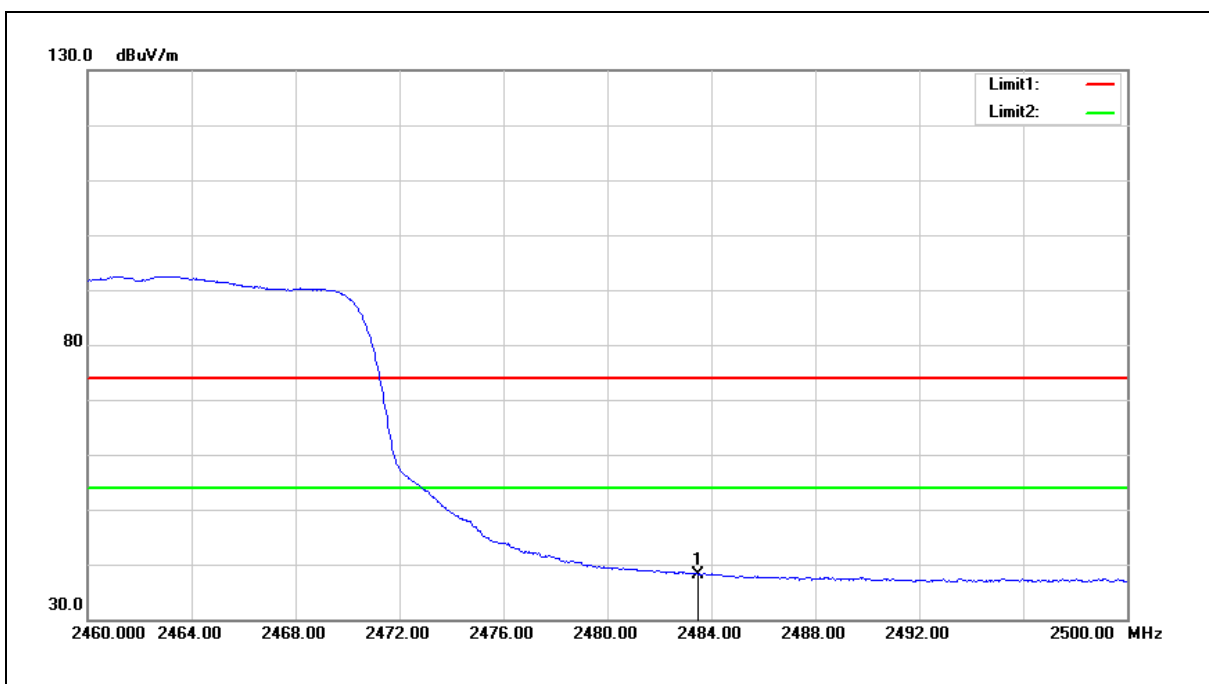
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	45.50	-6.94	38.56	54.00	-15.44	AVG

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		



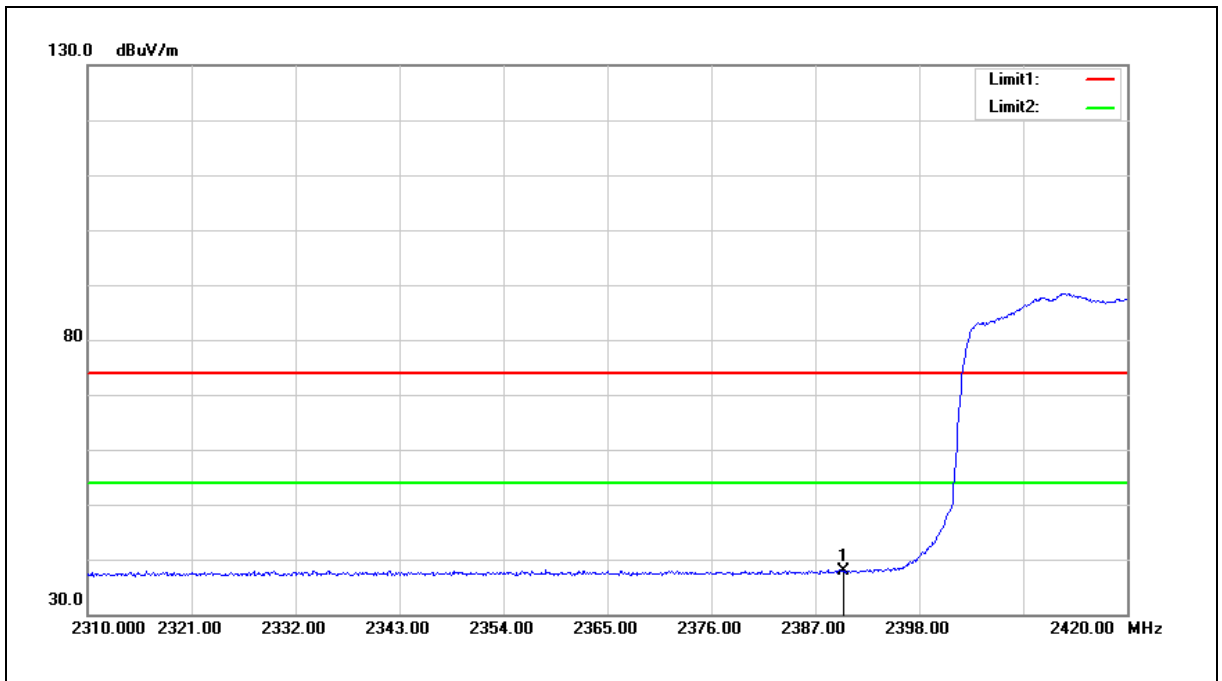
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	45.19	-6.94	38.25	54.00	-15.75	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



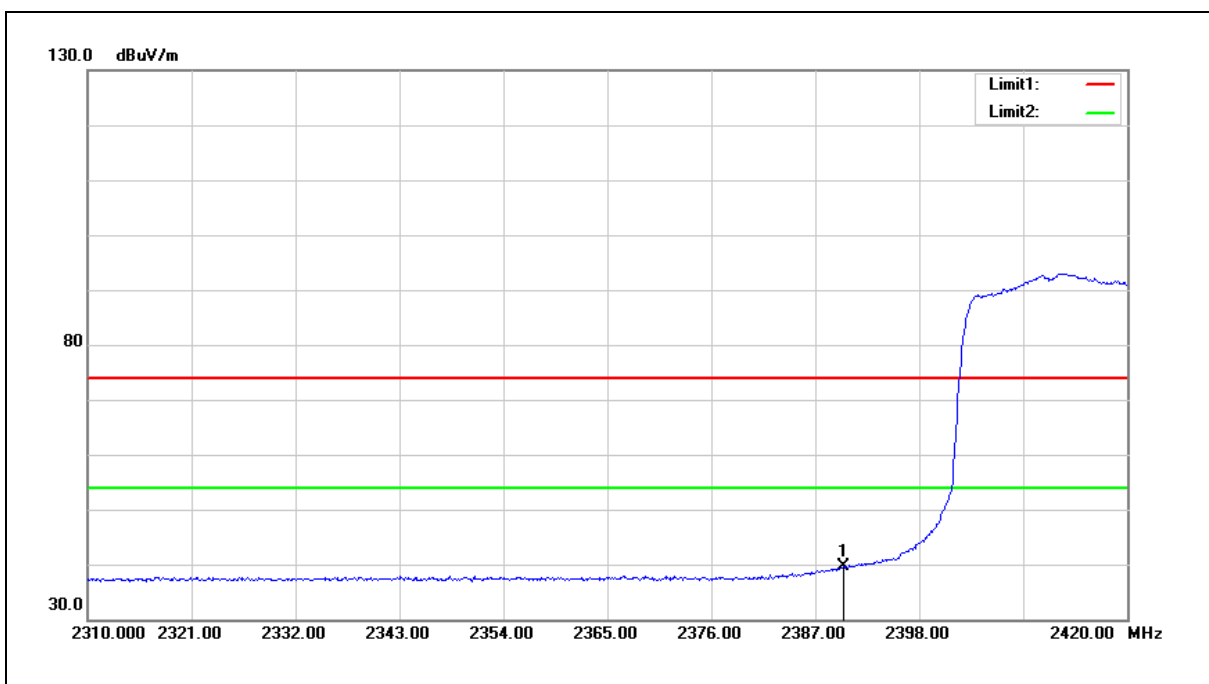
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	45.23	-7.30	37.93	54.00	-16.07	AVG

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:	2412 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



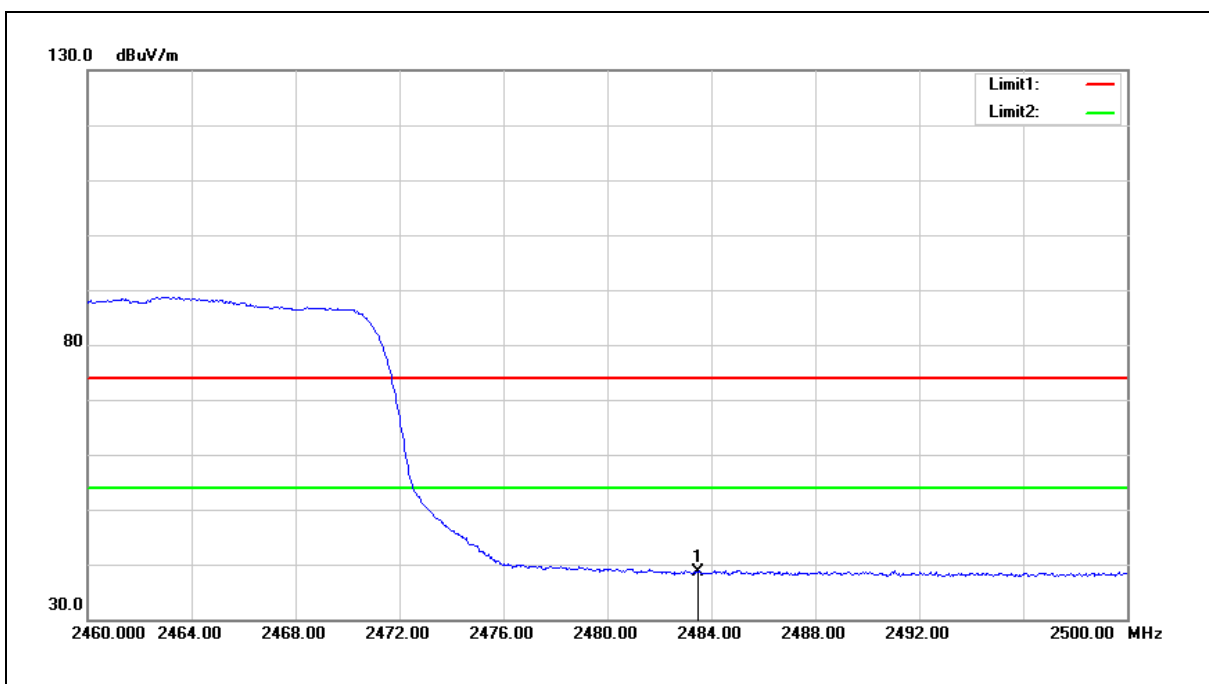
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	46.89	-7.30	39.59	54.00	-14.41	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



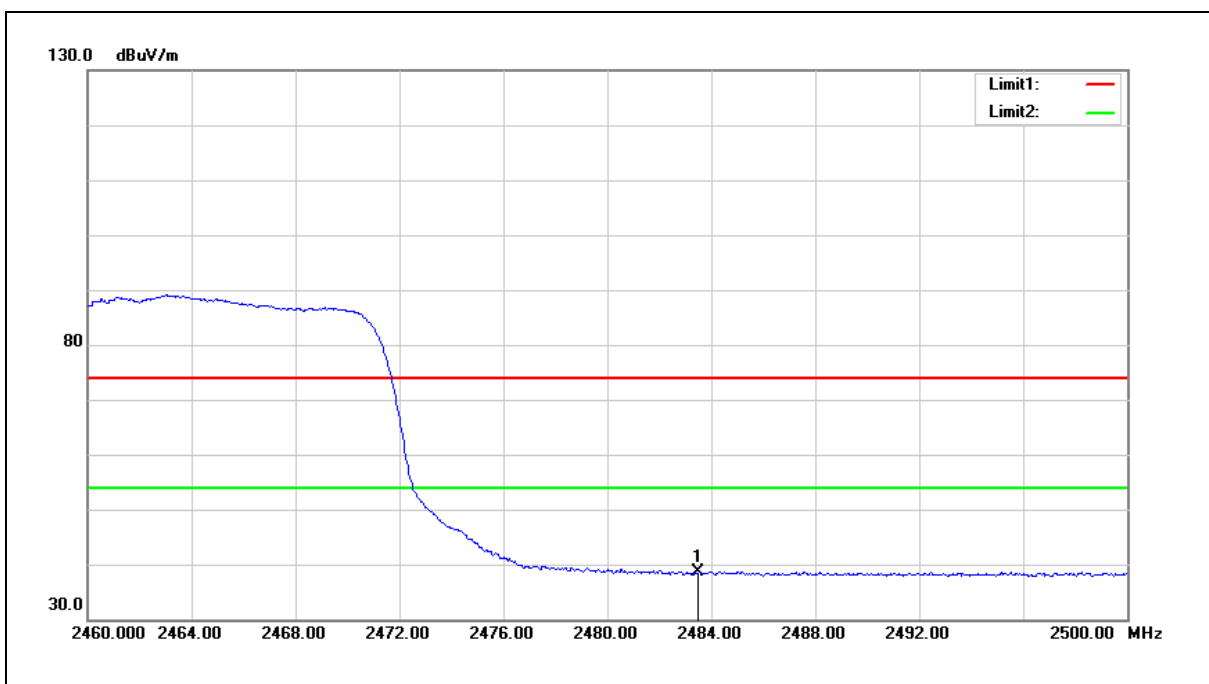
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	45.69	-6.94	38.75	54.00	-15.25	AVG

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 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	45.50	-6.94	38.56	54.00	-15.44	AVG

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

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

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

Annex C. Conducted Test Results (2.4 GHz)

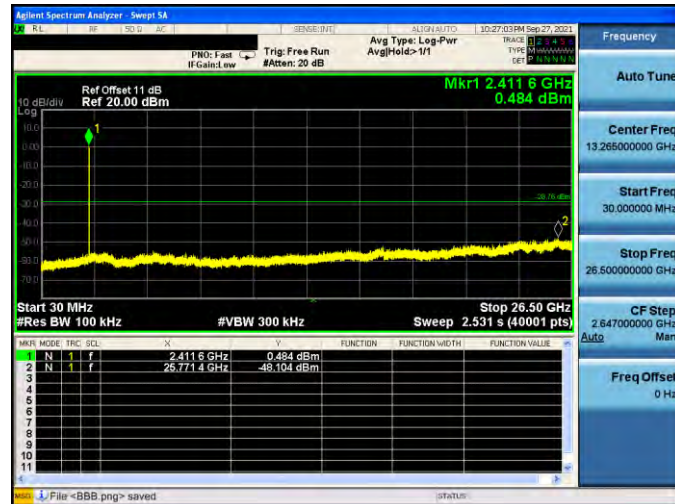
Maximum Conducted Output Power

操作模式	Data Rate (Mbps)	Frequency Range (MHz)	輸出功率(Average)		Limit (dBm)
			ANT-0		
			dBm	W	
Mode 2	1	2412	9.39	0.009	≤ 30.00
		2437	9.18	0.008	≤ 30.00
		2462	8.76	0.008	≤ 30.00
Mode 3	6	2412	9.69	0.009	≤ 30.00
		2437	9.08	0.008	≤ 30.00
		2462	9.95	0.010	≤ 30.00
Mode 4	6.5	2412	7.08	0.005	≤ 30.00
		2437	6.63	0.005	≤ 30.00
		2462	6.65	0.005	≤ 30.00

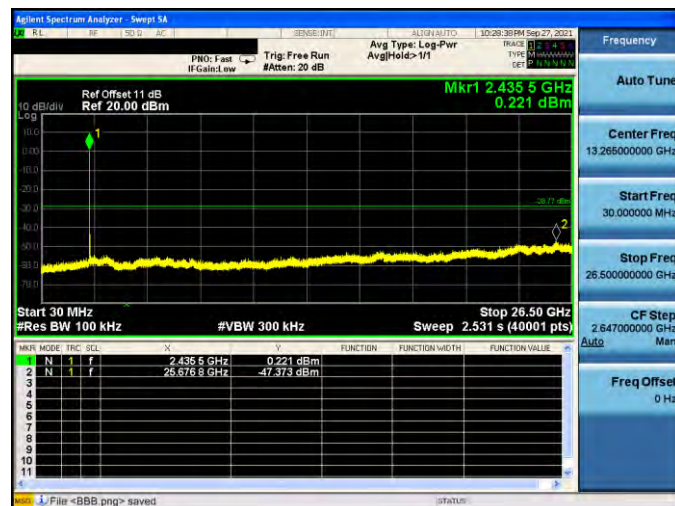
Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0

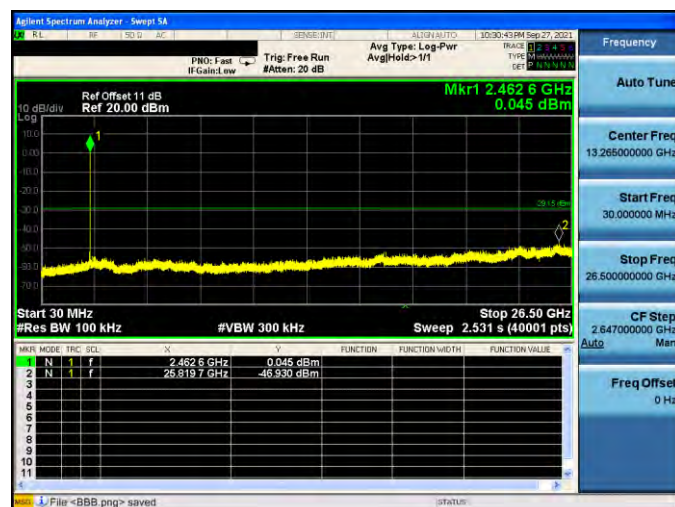
2412



2437

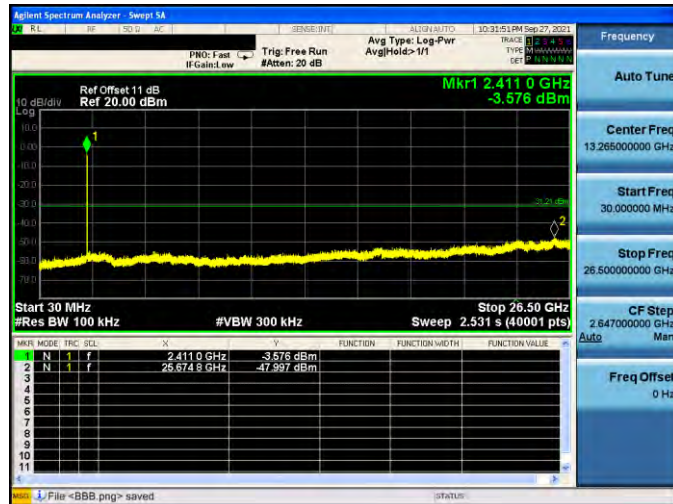


2462

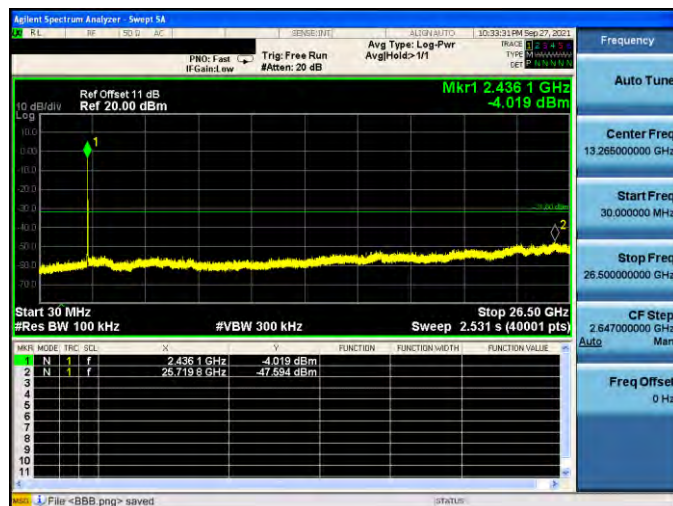


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0

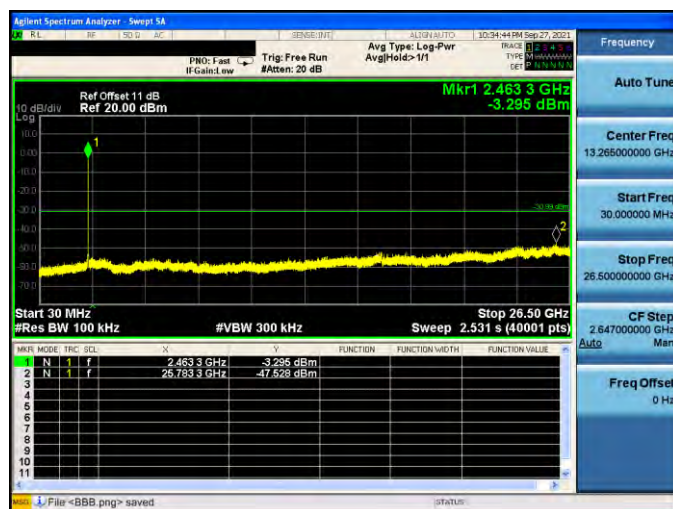
2412



2437

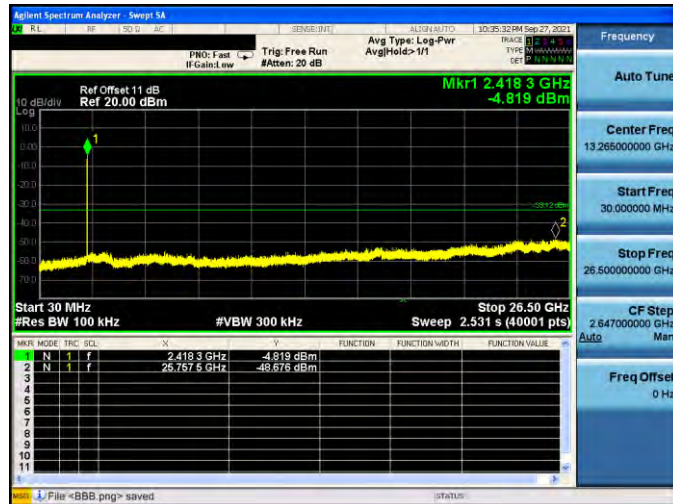


2462

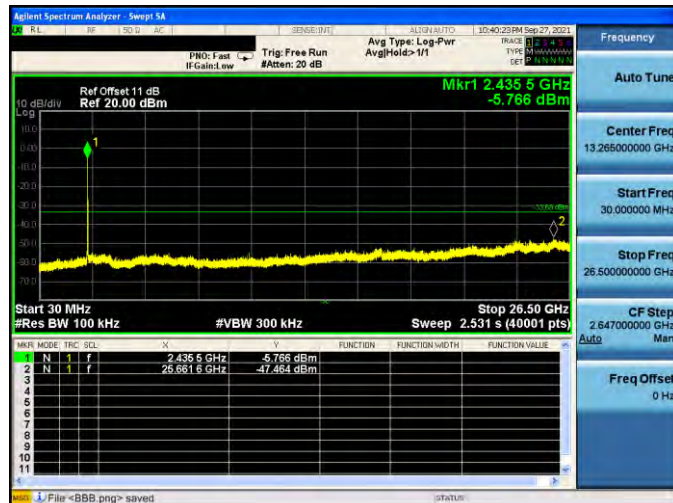


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-0

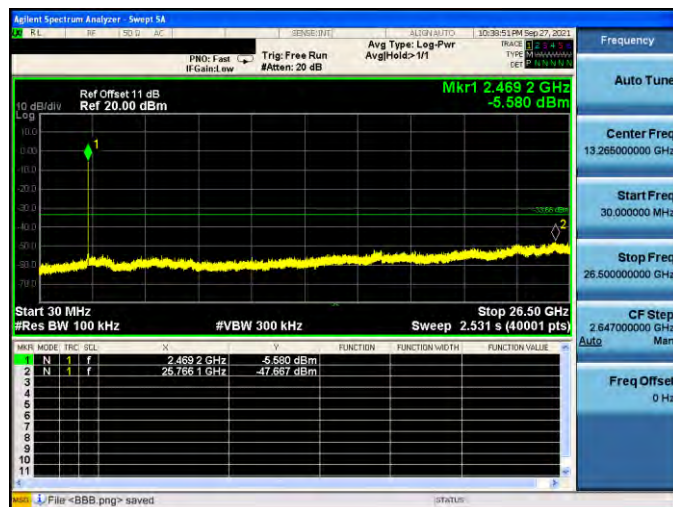
2412



2437



2462



Reference level

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0	
2412	
2437	
2462	

Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0

2412



2437



2462



Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-0

2412



2437



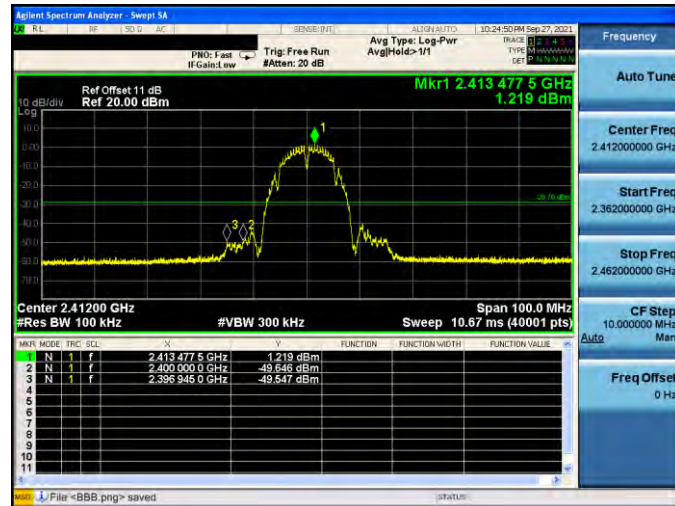
2462



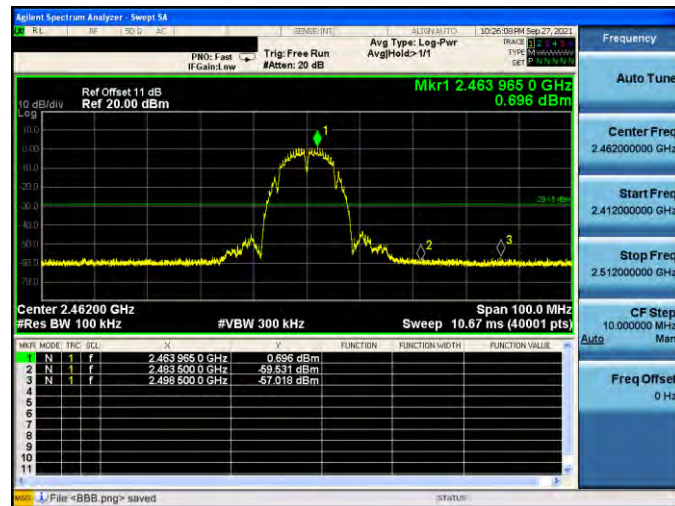
Conducted Band Edge

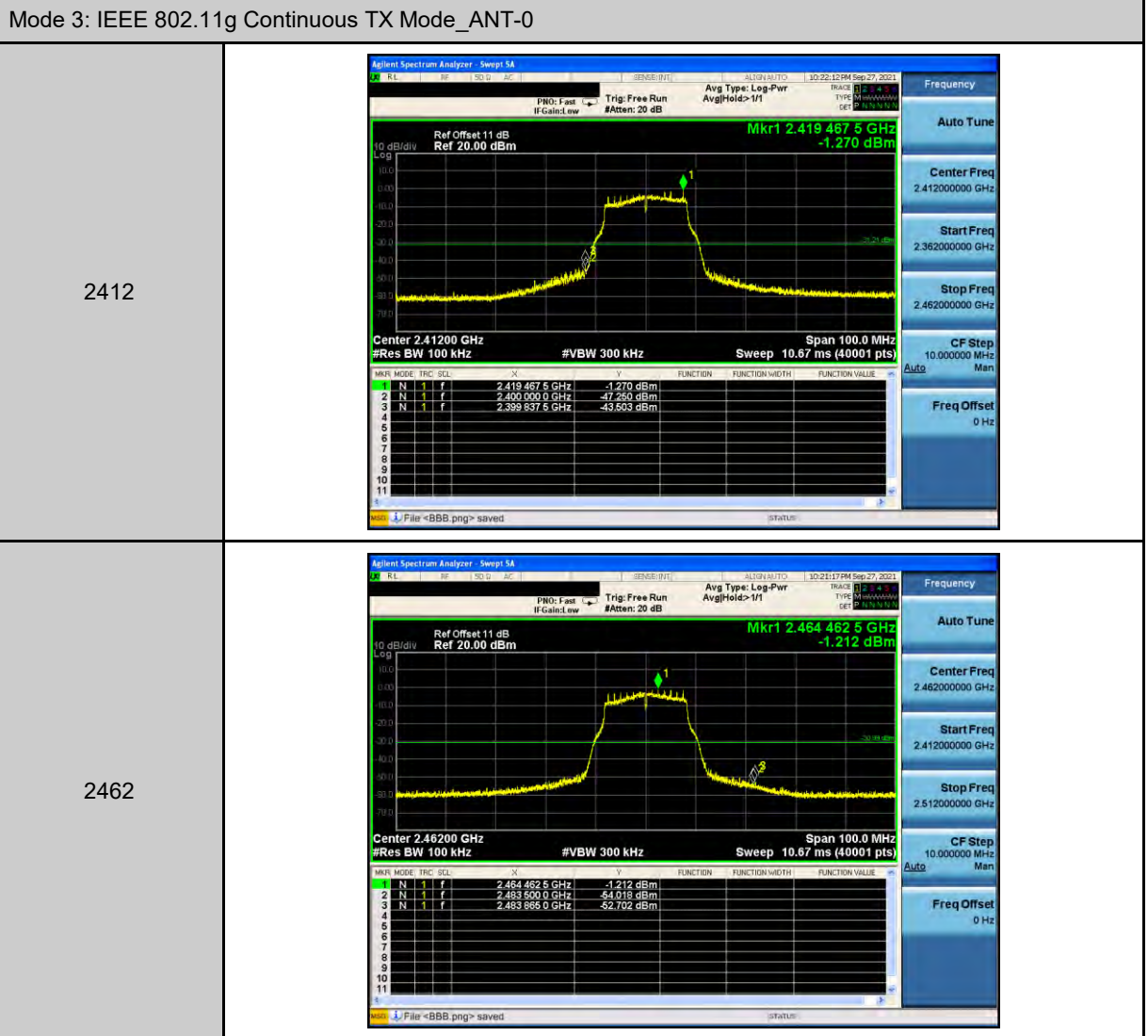
Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0

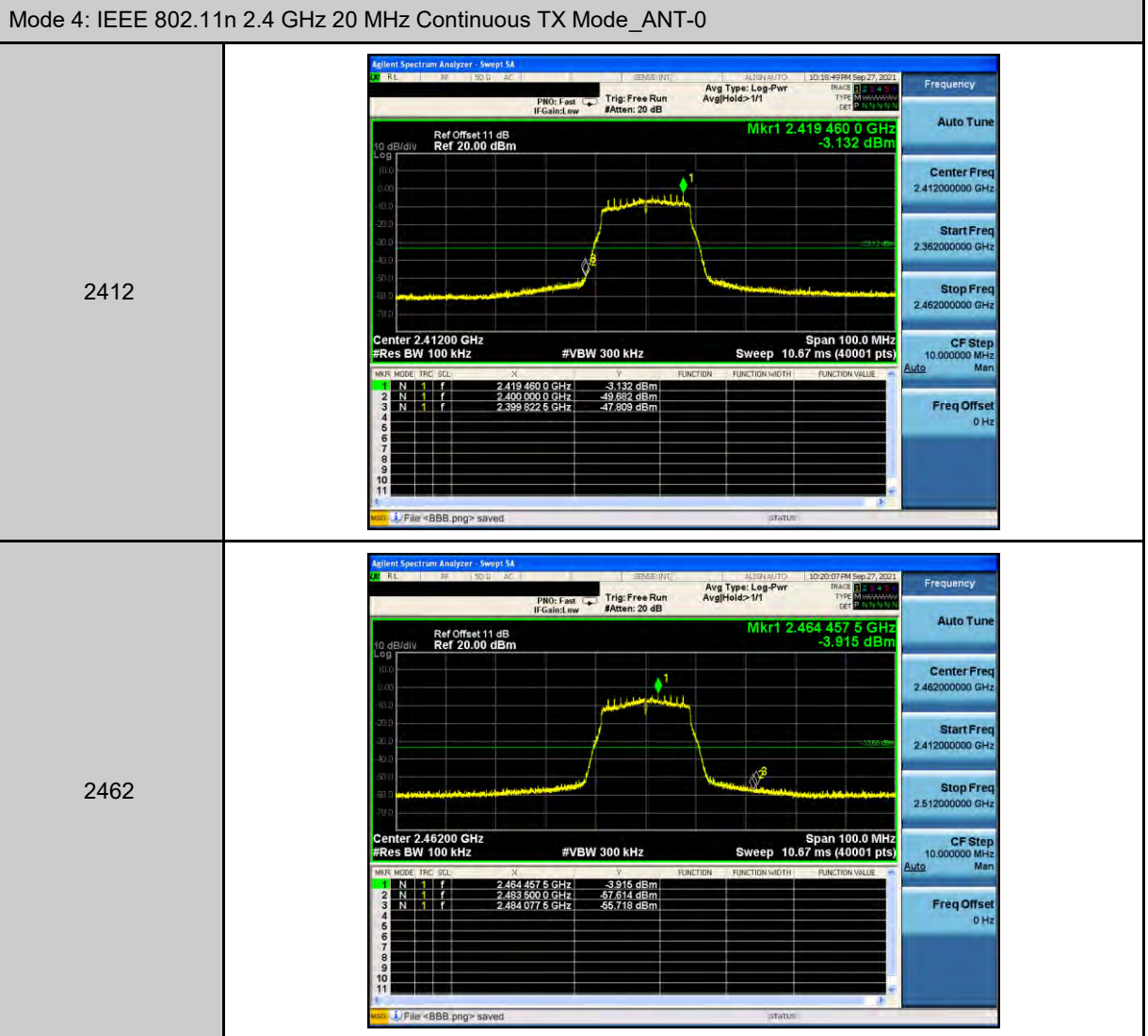
2412



2462





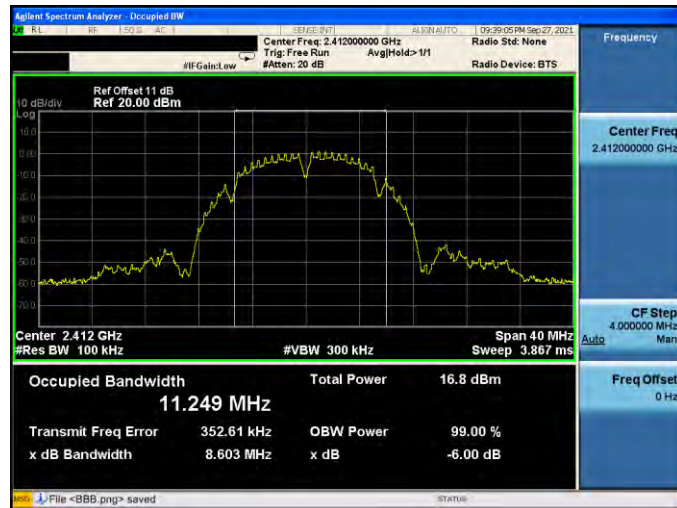


6 dB Bandwidth

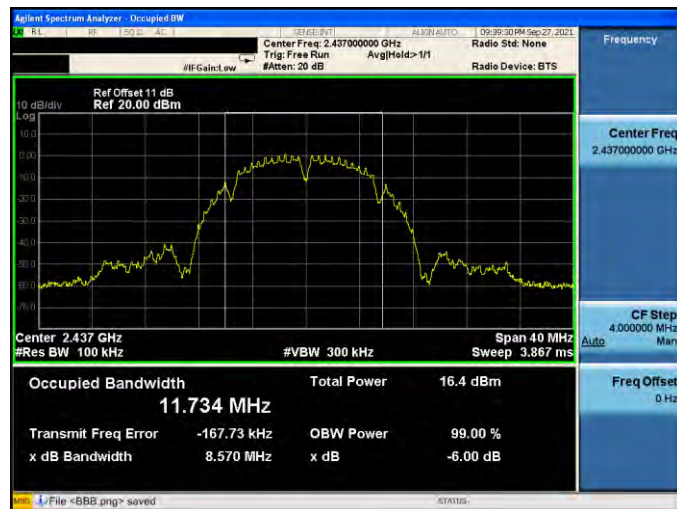
操作模式	Frequency Range (MHz)	量測值 (kHz)	限制值 (kHz)
		ANT-0	
Mode 2	2412	8603	≥ 500
	2437	8570	≥ 500
	2462	8622	≥ 500
Mode 3	2412	15790	≥ 500
	2437	16120	≥ 500
	2462	15770	≥ 500
Mode 4	2412	16400	≥ 500
	2437	16570	≥ 500
	2462	15960	≥ 500

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0

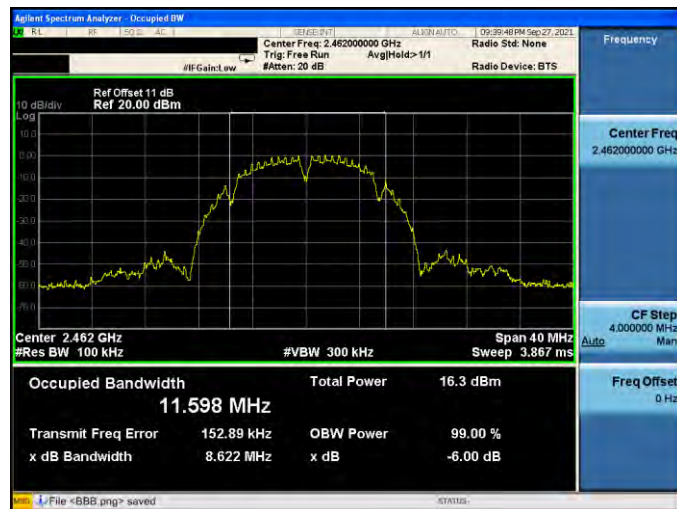
2412



2437



2462

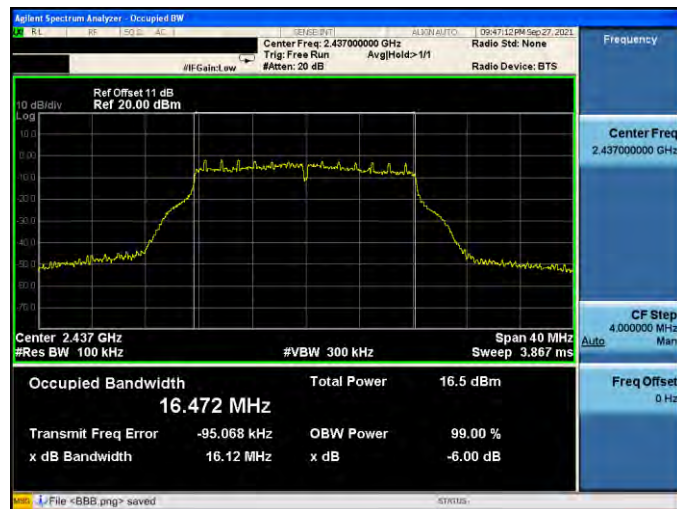


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0

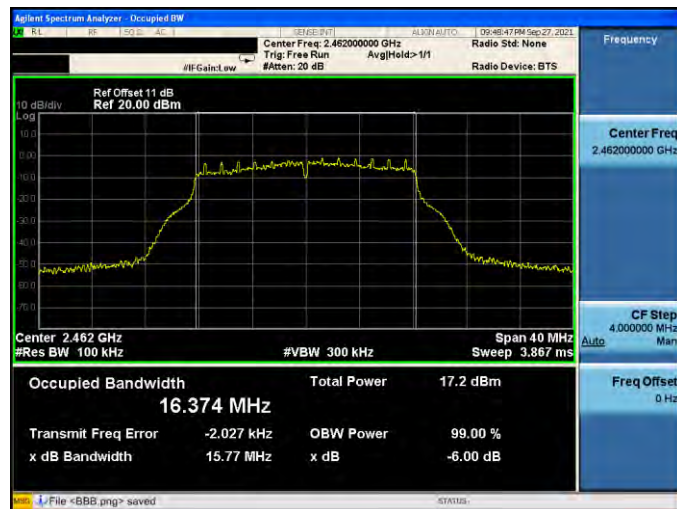
2412



2437

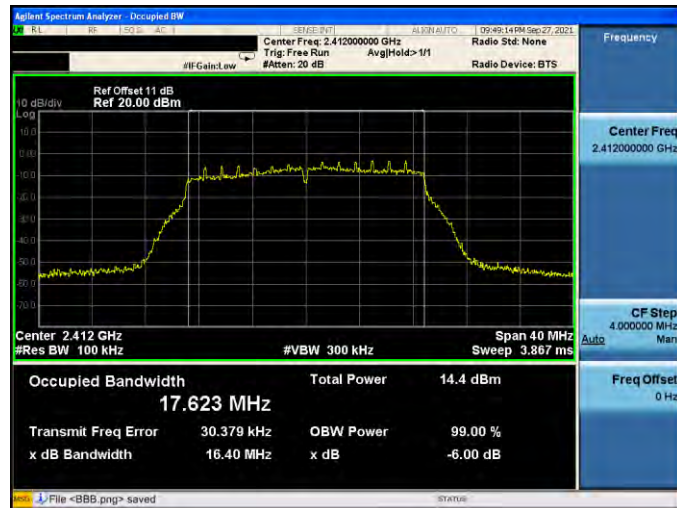


2462

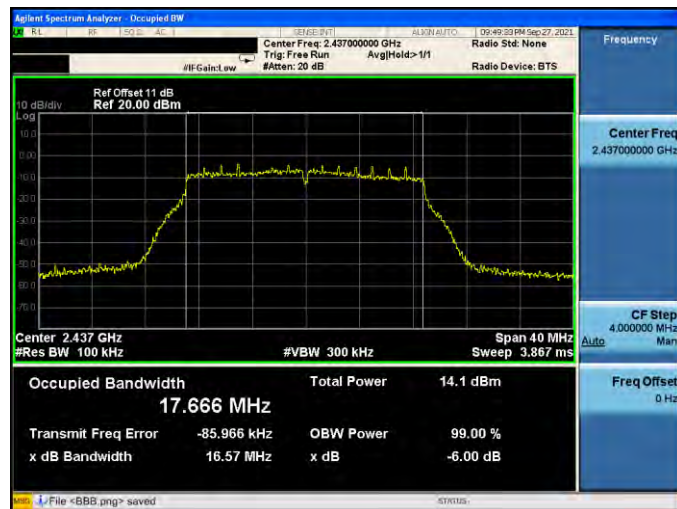


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-0

2412



2437



2462



Maximum Power Spectral Density

操作模式	Frequency Range (MHz)	量測值 (dBm)	限制值 (dBm/3 kHz)
		ANT-0	
Mode 2	2412	-13.095	≤ 8.00
	2437	-11.941	≤ 8.00
	2462	-13.762	≤ 8.00
Mode 3	2412	-14.369	≤ 8.00
	2437	-15.102	≤ 8.00
	2462	-13.801	≤ 8.00
Mode 4	2412	-16.831	≤ 8.00
	2437	-17.220	≤ 8.00
	2462	-17.306	≤ 8.00

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0

2412



2437



2462

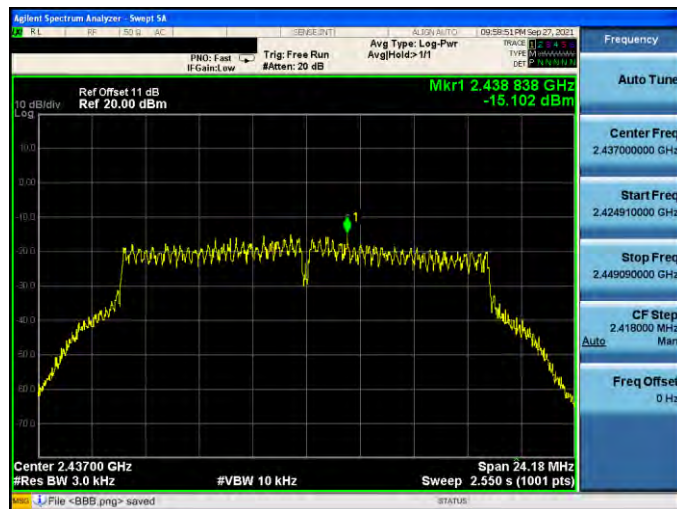


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0

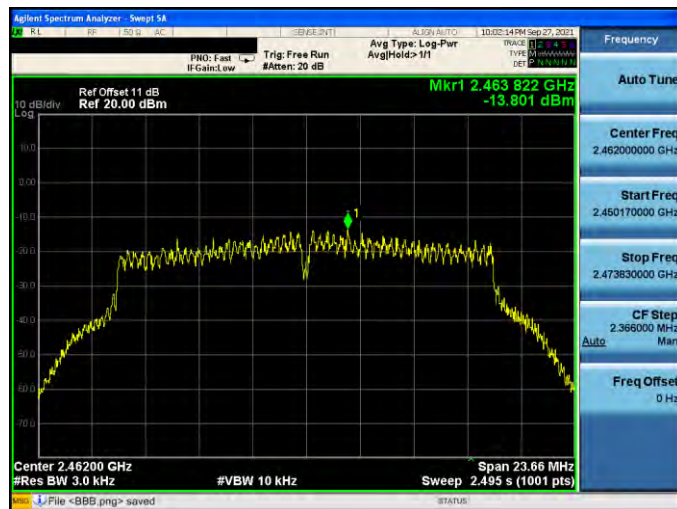
2412



2437



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Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-0

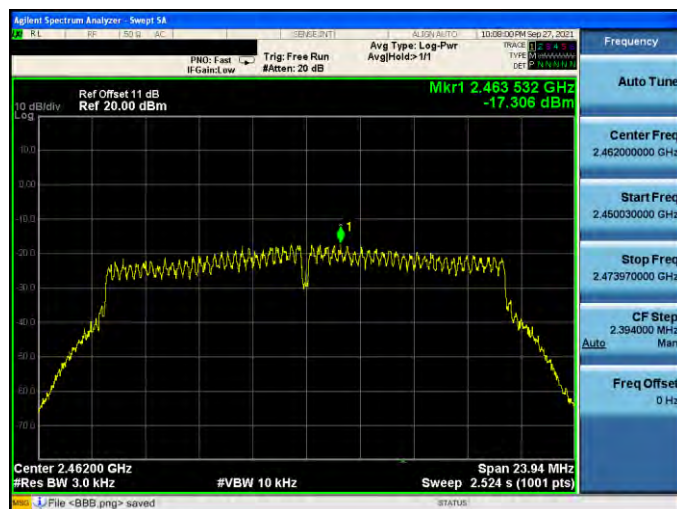
2412



2437



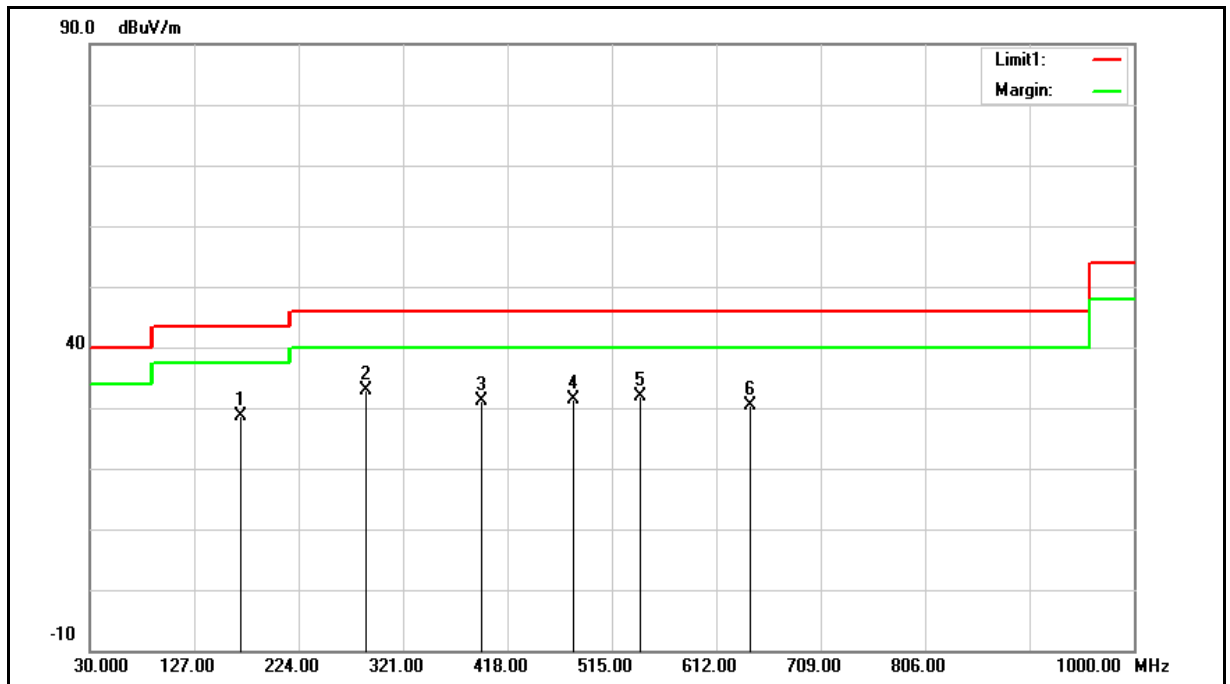
2462



Annex D. 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		
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	168.9880	35.24	-6.73	28.51	43.50	-14.99	QP
2	285.6211	38.59	-5.73	32.86	46.00	-13.14	QP
3	393.5070	34.71	-3.46	31.25	46.00	-14.75	QP
4	479.0380	33.58	-2.17	31.41	46.00	-14.59	QP
5	541.2424	33.01	-1.06	31.95	46.00	-14.05	QP
6	642.3246	29.41	1.03	30.44	46.00	-15.56	QP

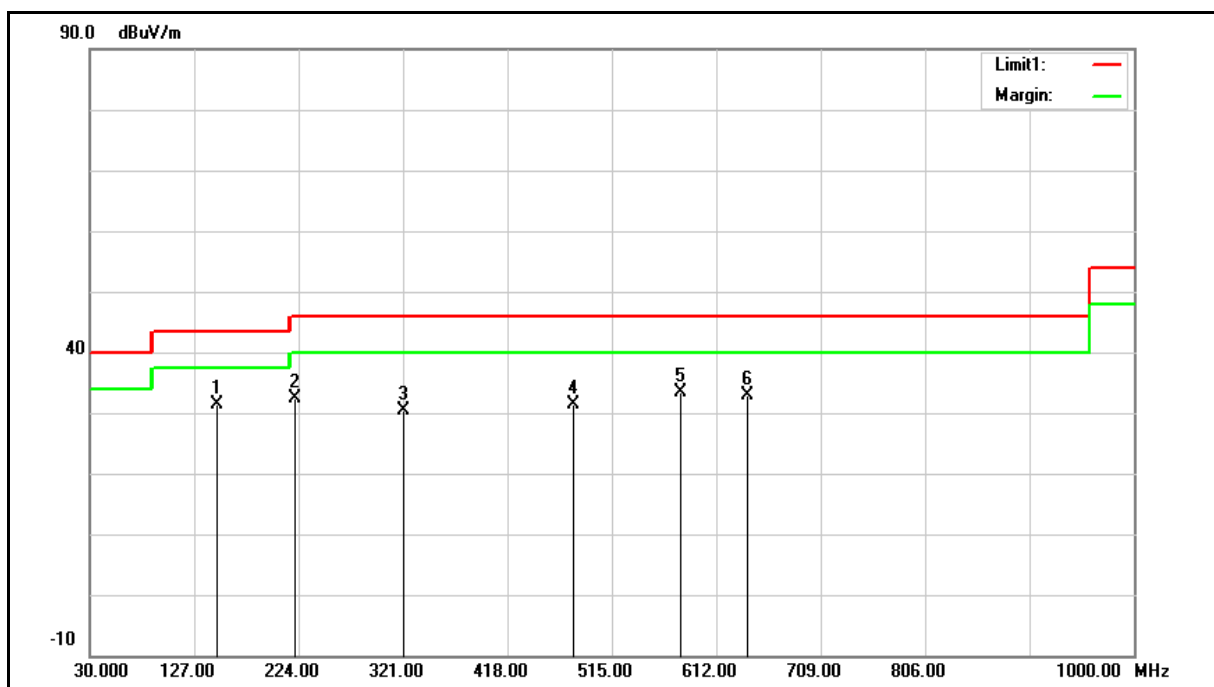
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $28.51 = -6.73 + 35.24$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	147.4875	38.18	-6.83	31.35	43.50	-12.15	QP
2	220.3103	40.86	-8.58	32.28	46.00	-13.72	QP
3	321.2911	35.57	-5.11	30.46	46.00	-15.54	QP
4	478.5885	33.58	-2.17	31.41	46.00	-14.59	QP
5	578.5986	33.47	-0.06	33.41	46.00	-12.59	QP
6	641.7116	32.92	0.00	32.92	46.00	-13.08	QP

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

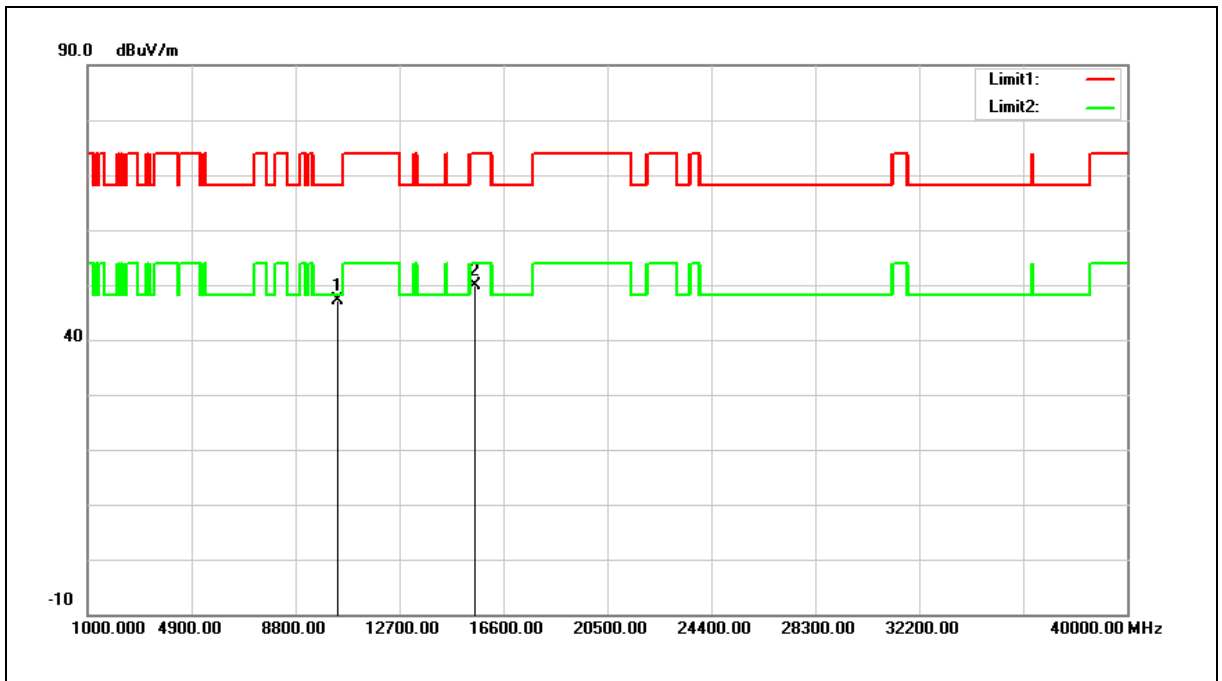
Example: $31.35 = -6.83 + 38.18$

2. Correction factor (dB/m) = Antenna Factor (dB/m) + 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	32.76	14.29	47.05	68.20	-21.15	peak
2	15540.000	32.95	16.86	49.81	74.00	-24.19	peak

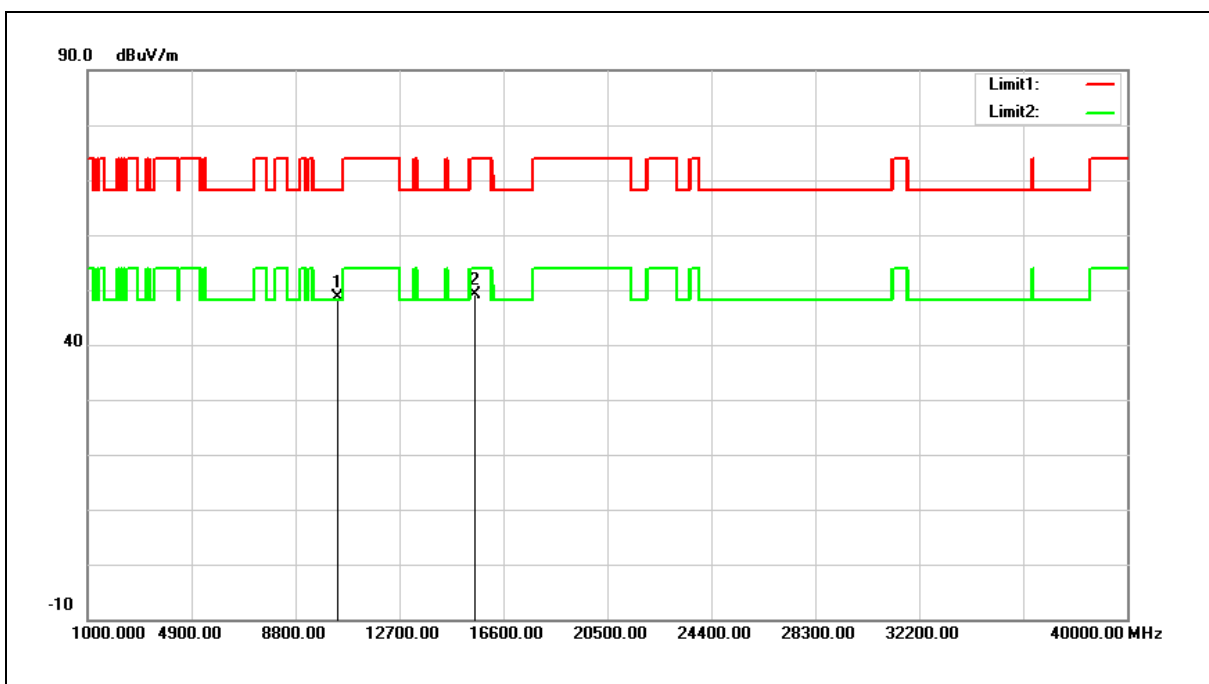
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $47.05 = 14.29 + 32.76$

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

3.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	34.30	14.29	48.59	68.20	-19.61	peak
2	15540.000	32.31	16.86	49.17	74.00	-24.83	peak

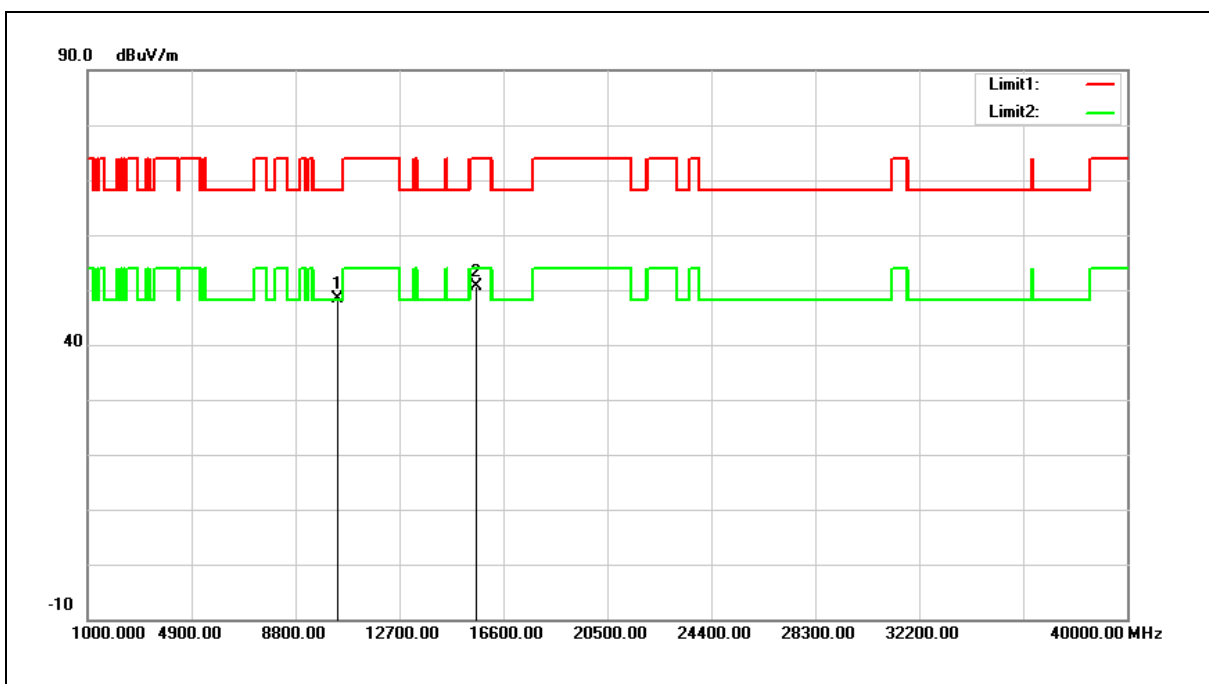
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $48.59 = 14.29 + 34.30$

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

3.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		



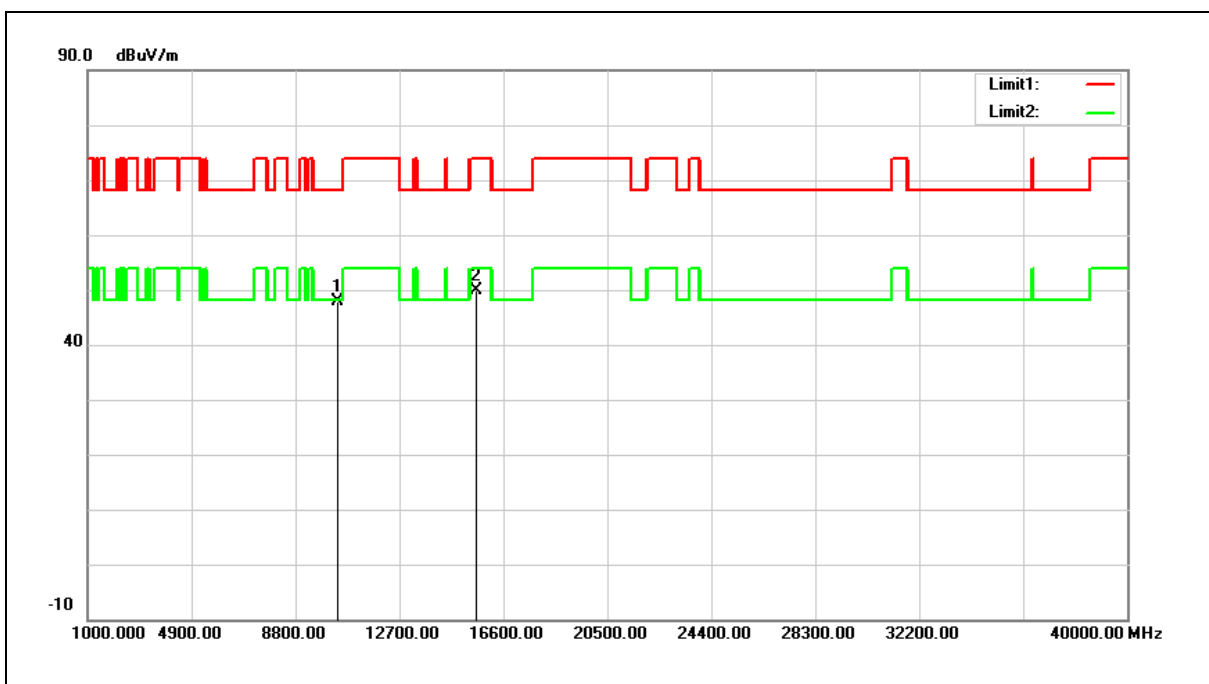
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	33.99	14.38	48.37	68.20	-19.83	peak
2	15600.000	33.87	16.65	50.52	74.00	-23.48	peak

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

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

3.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		



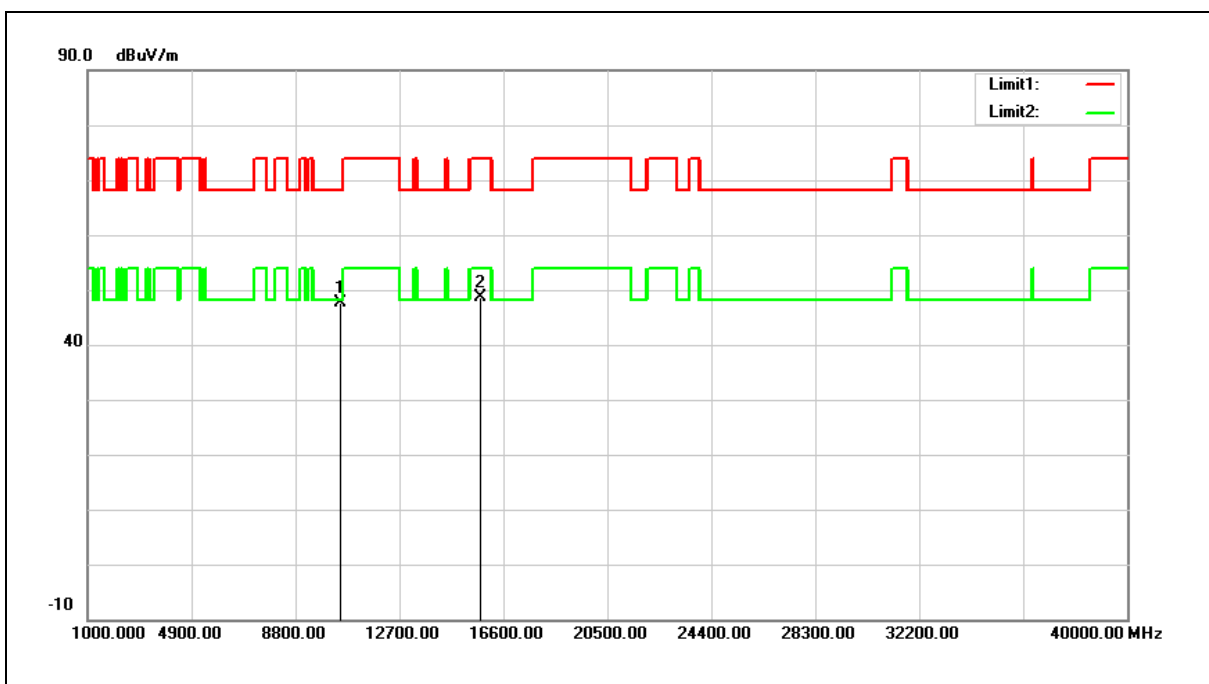
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	33.52	14.38	47.90	68.20	-20.30	peak
2	15600.000	33.35	16.65	50.00	74.00	-24.00	peak

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:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



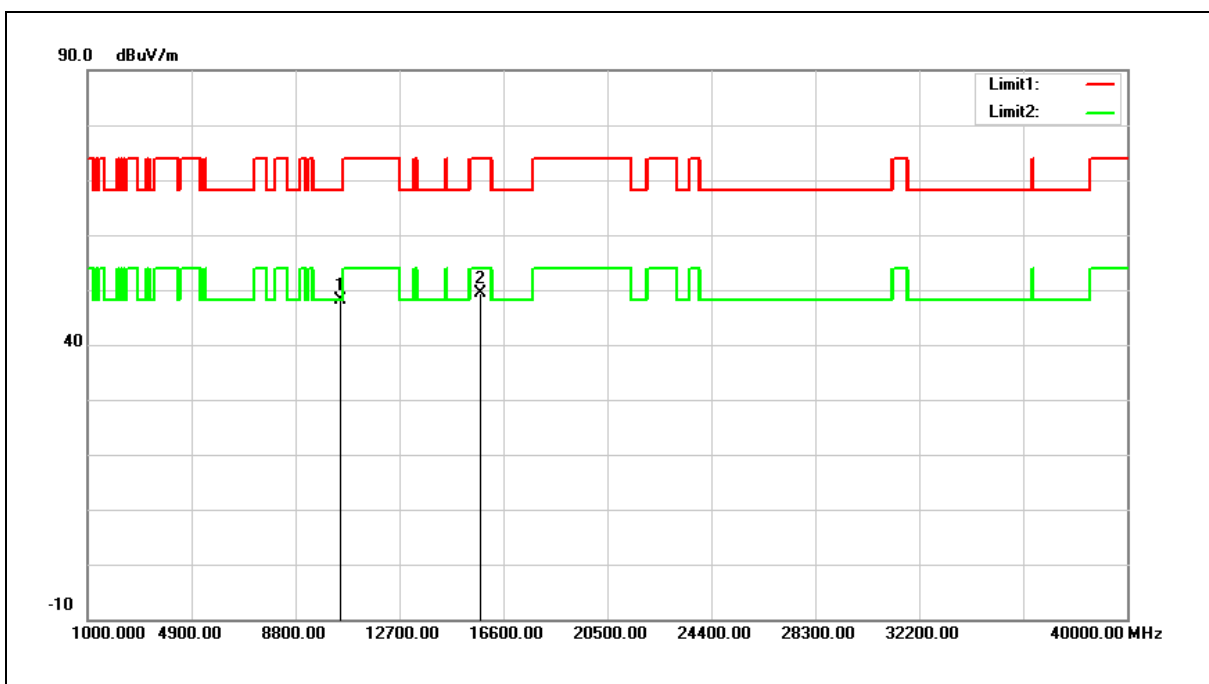
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	33.03	14.55	47.58	68.20	-20.62	peak
2	15720.000	32.35	16.24	48.59	74.00	-25.41	peak

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



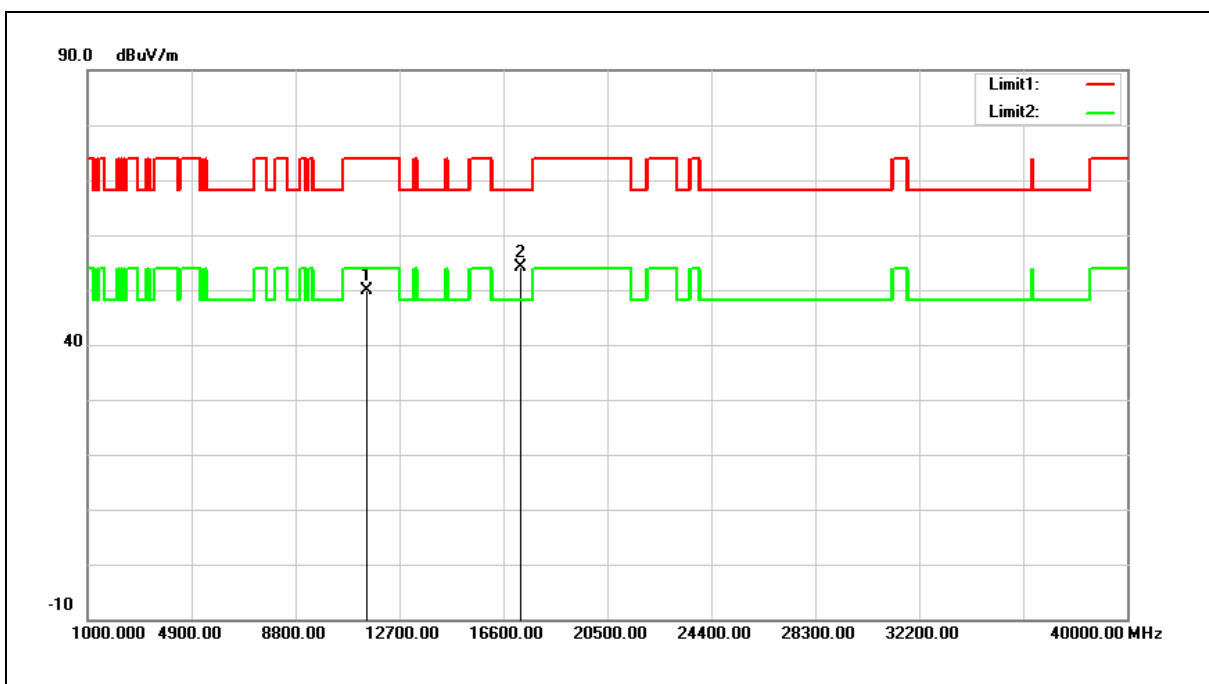
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	33.68	14.55	48.23	68.20	-19.97	peak
2	15720.000	33.12	16.24	49.36	74.00	-24.64	peak

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

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

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

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



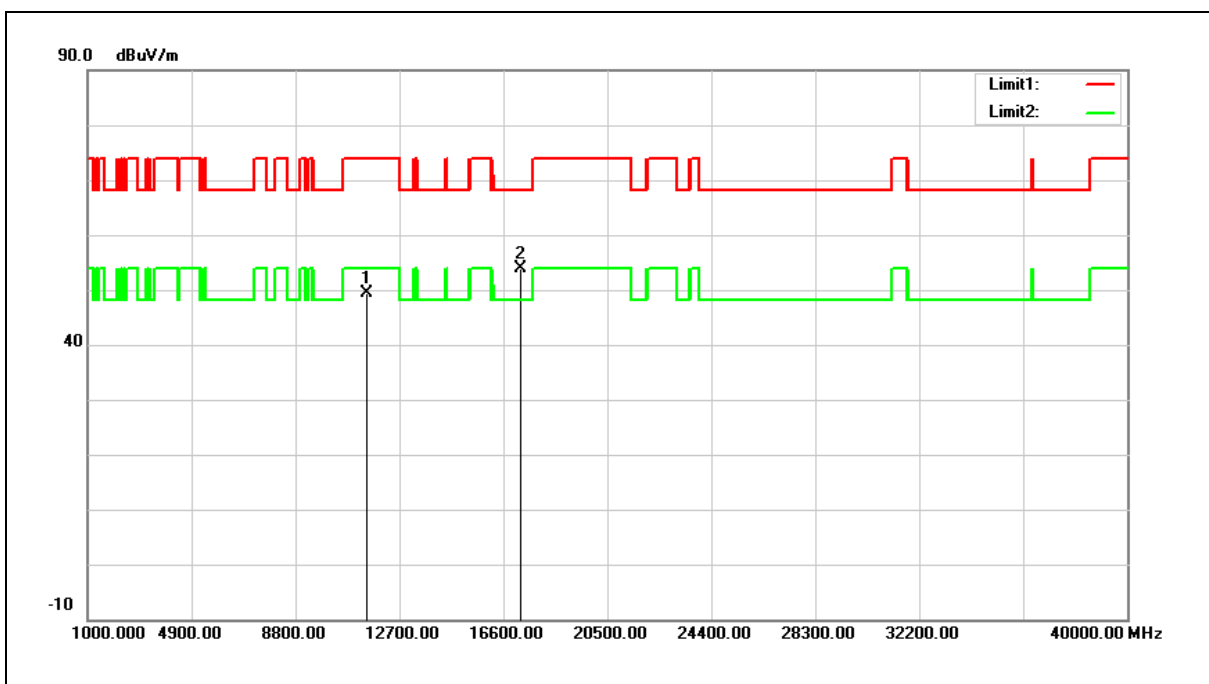
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	34.54	15.39	49.93	74.00	-24.07	peak
2	17235.000	32.43	21.71	54.14	68.20	-14.06	peak

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

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

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

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



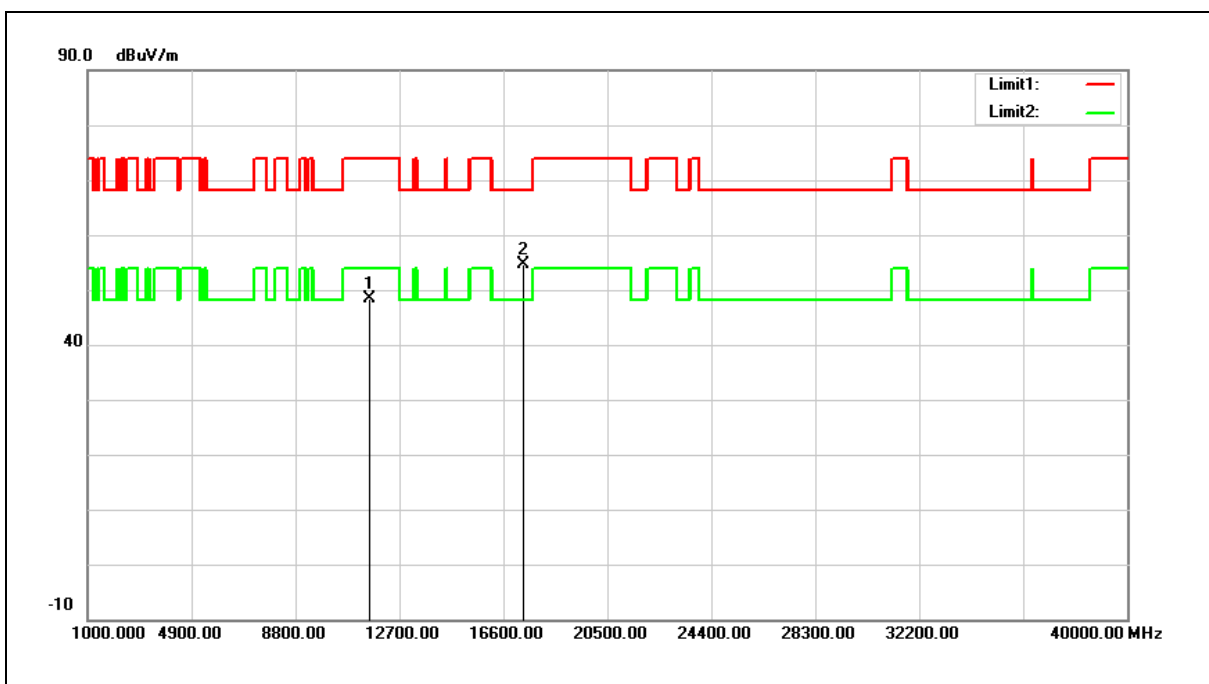
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.95	15.39	49.34	74.00	-24.66	peak
2	17235.000	32.27	21.71	53.98	68.20	-14.22	peak

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:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



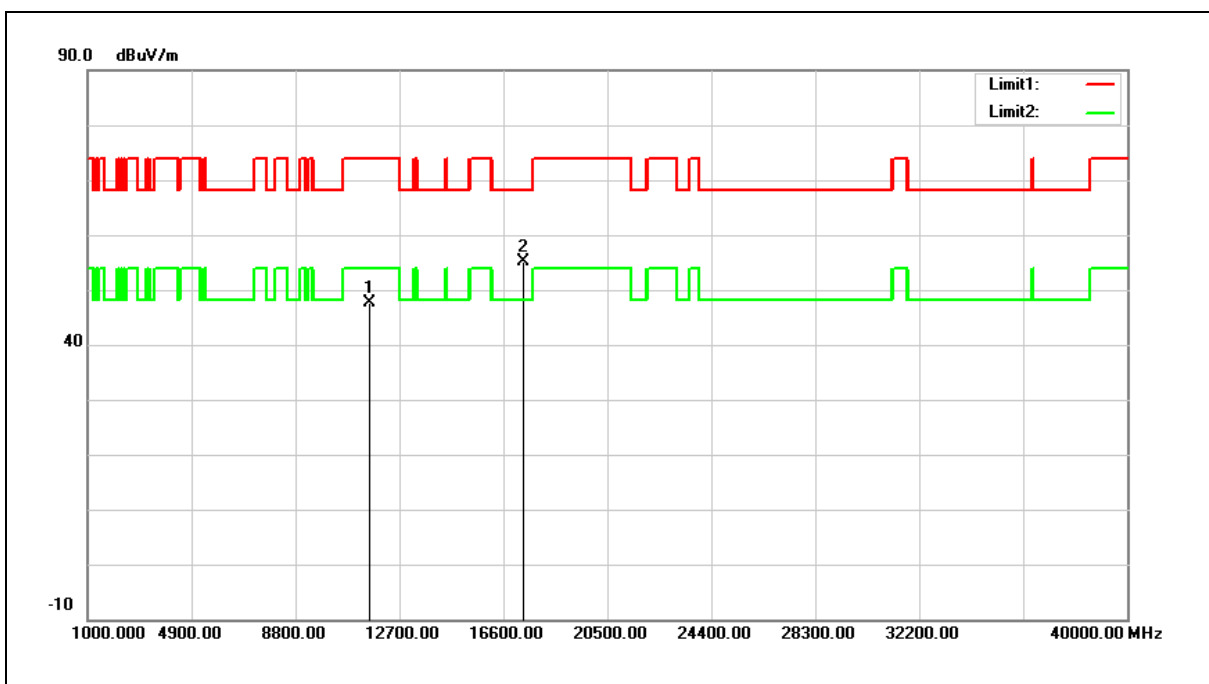
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	33.18	15.25	48.43	74.00	-25.57	peak
2	17355.000	32.28	22.42	54.70	68.20	-13.50	peak

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:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



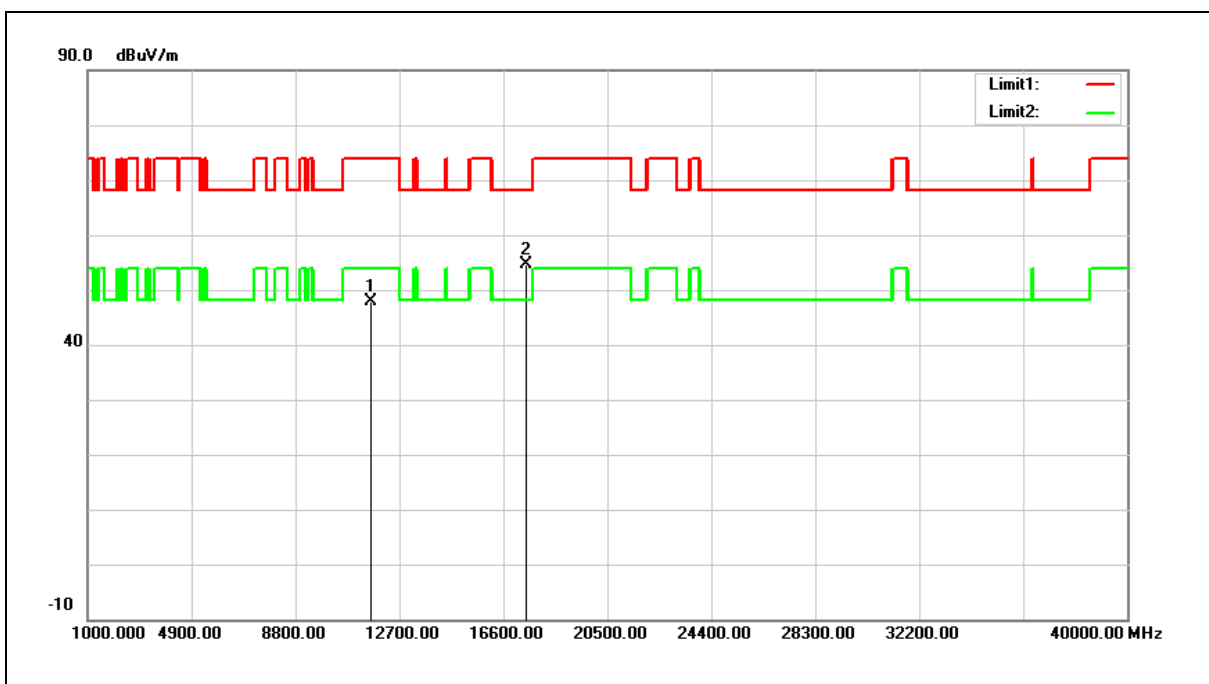
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	32.50	15.25	47.75	74.00	-26.25	peak
2	17355.000	32.62	22.42	55.04	68.20	-13.16	peak

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:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



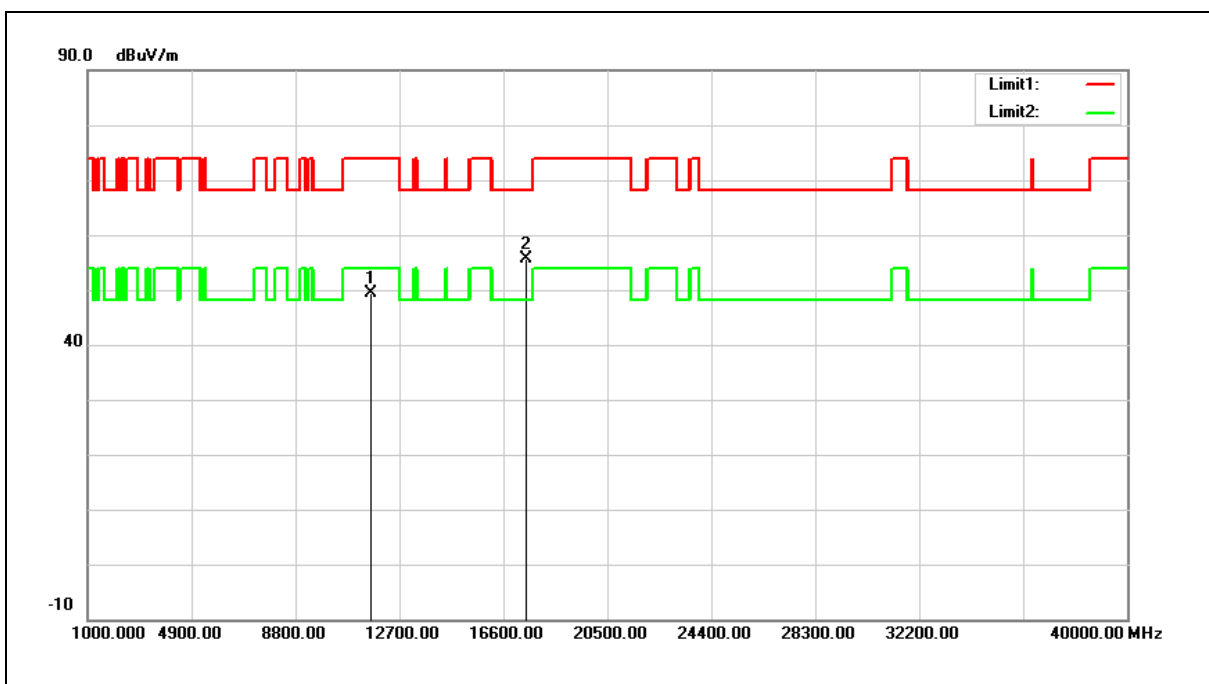
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	32.68	15.08	47.76	74.00	-26.24	peak
2	17475.000	31.60	23.13	54.73	68.20	-13.47	peak

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 5		
Ant.Polar.:	Vertical		



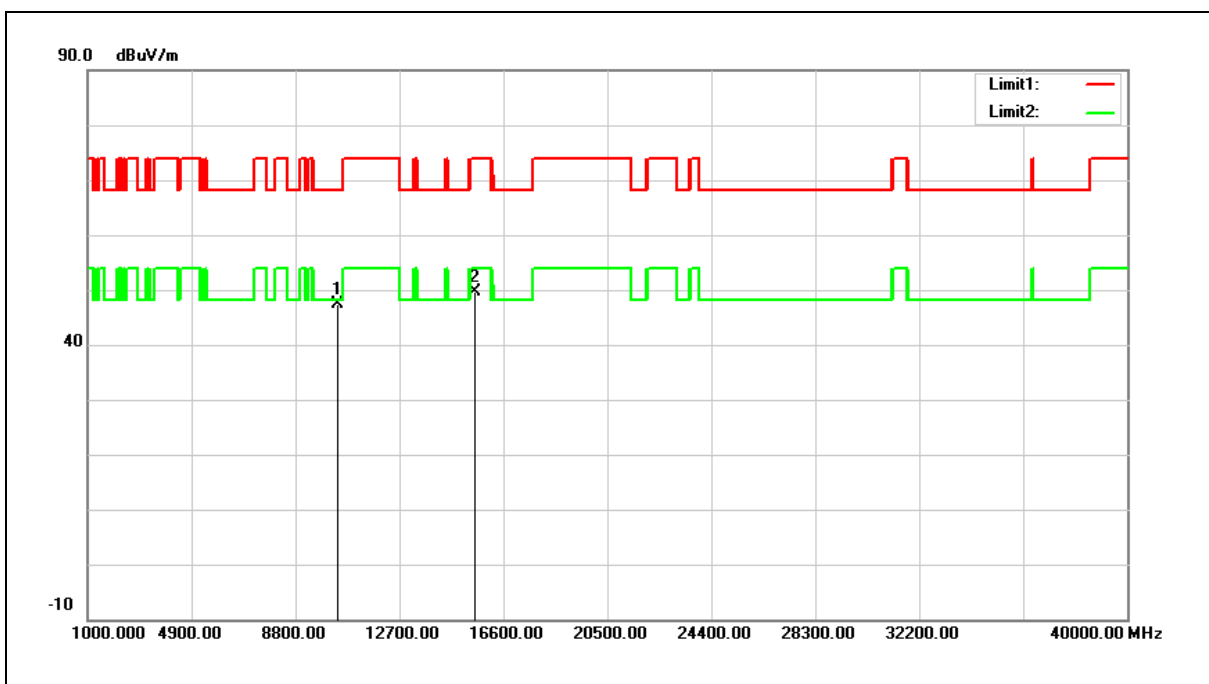
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	34.22	15.08	49.30	74.00	-24.70	peak
2	17475.000	32.44	23.13	55.57	68.20	-12.63	peak

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:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



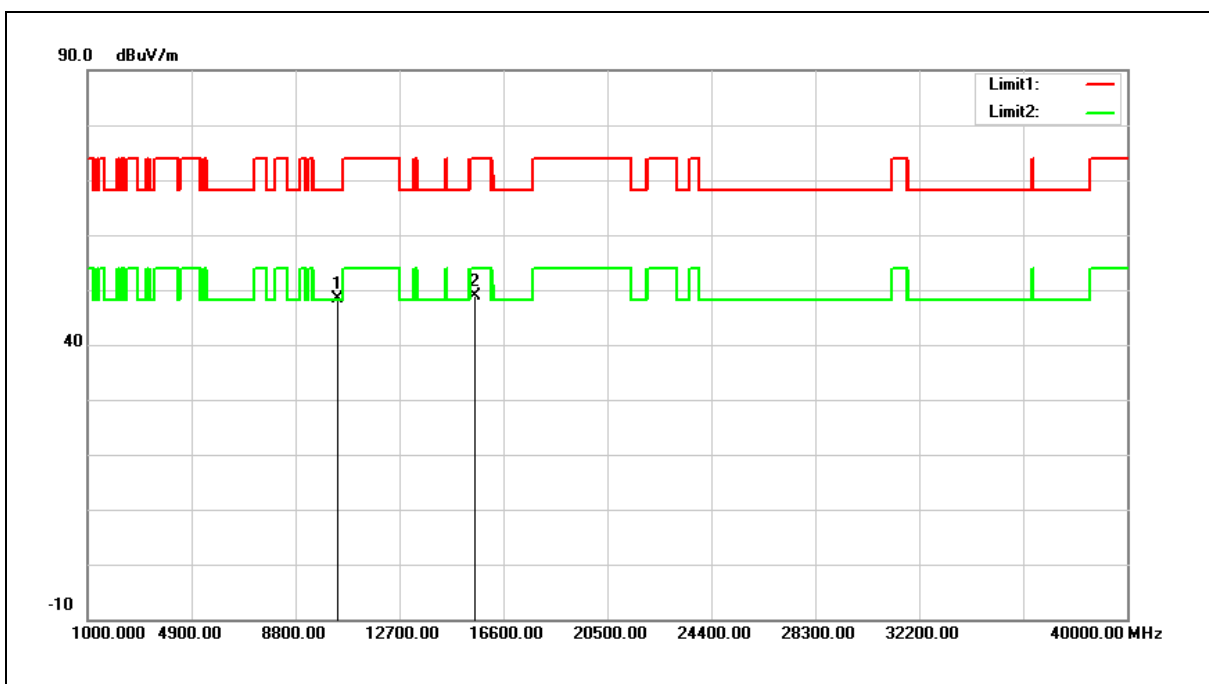
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	33.12	14.29	47.41	68.20	-20.79	peak
2	15540.000	32.70	16.86	49.56	74.00	-24.44	peak

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:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



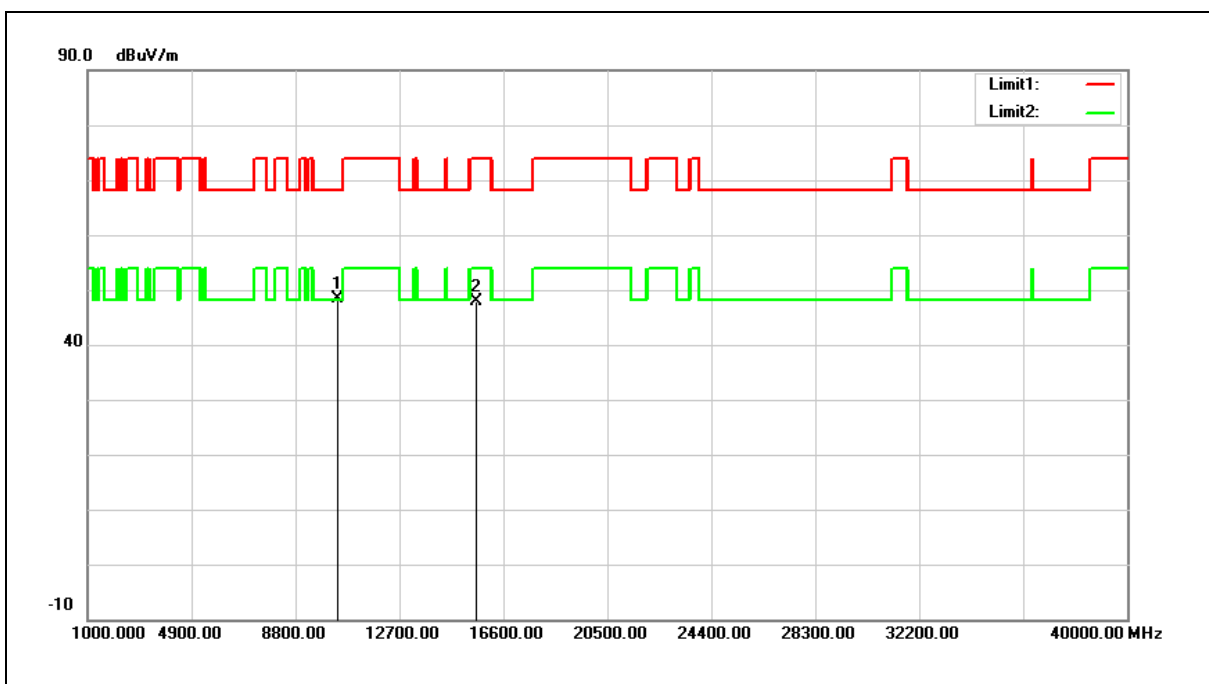
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	34.16	14.29	48.45	68.20	-19.75	peak
2	15540.000	32.01	16.86	48.87	74.00	-25.13	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



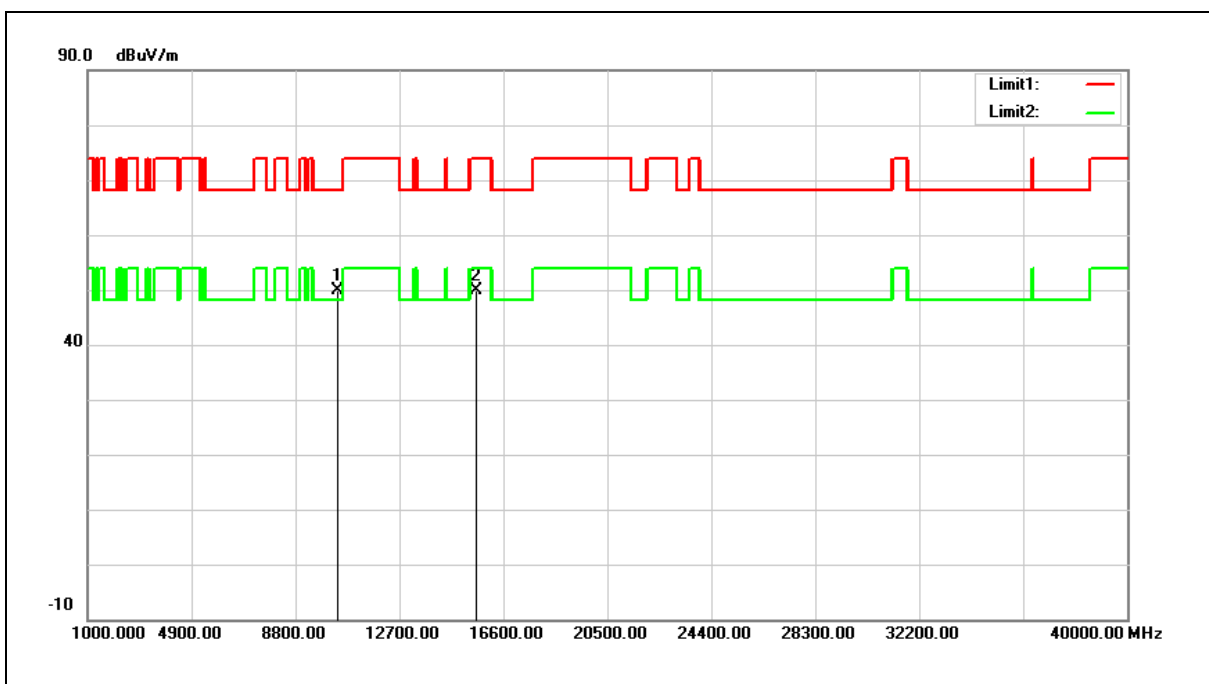
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	34.11	14.38	48.49	68.20	-19.71	peak
2	15600.000	31.24	16.65	47.89	74.00	-26.11	peak

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

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

3.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 8		
Ant.Polar.:	Vertical		



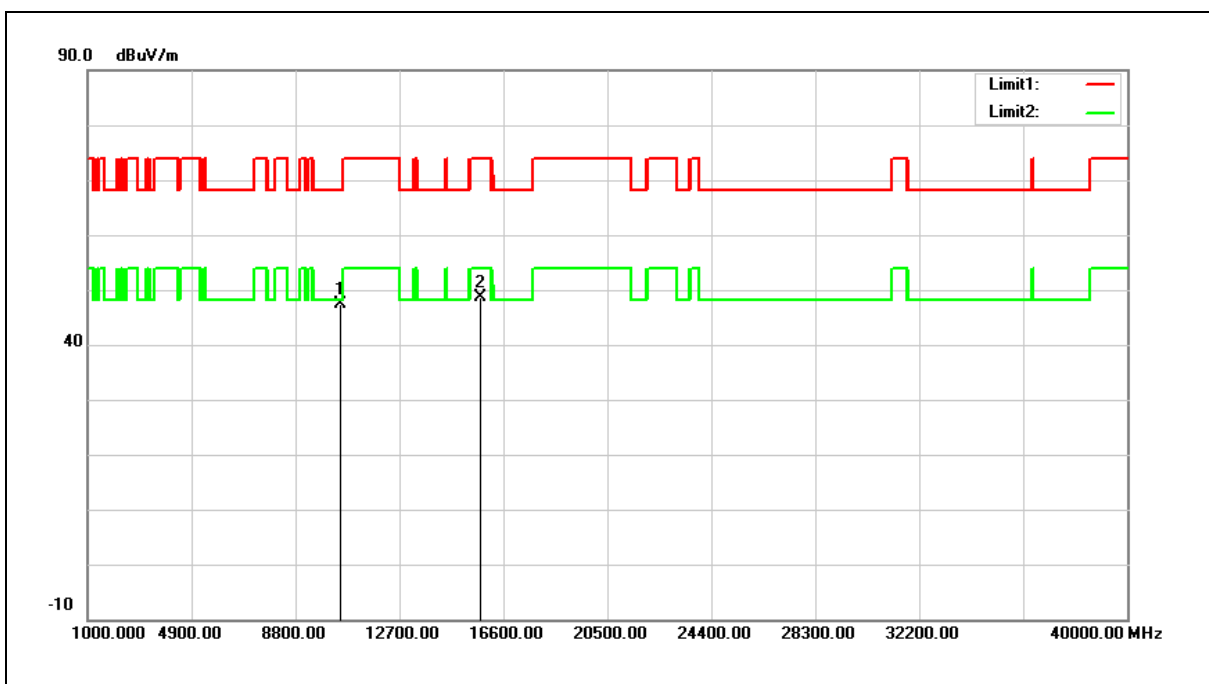
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	35.43	14.38	49.81	68.20	-18.39	peak
2	15600.000	33.24	16.65	49.89	74.00	-24.11	peak

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

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

3.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 8		
Ant.Polar.:	Horizontal		



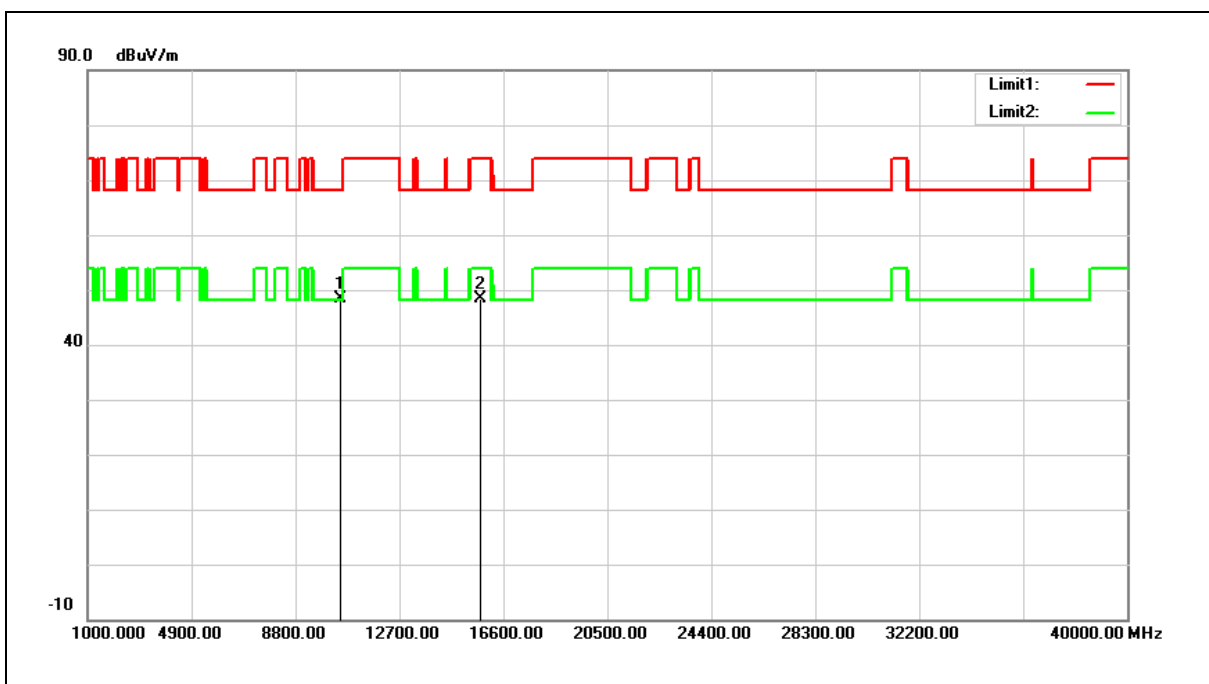
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.92	14.55	47.47	68.20	-20.73	peak
2	15720.000	32.29	16.24	48.53	74.00	-25.47	peak

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:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



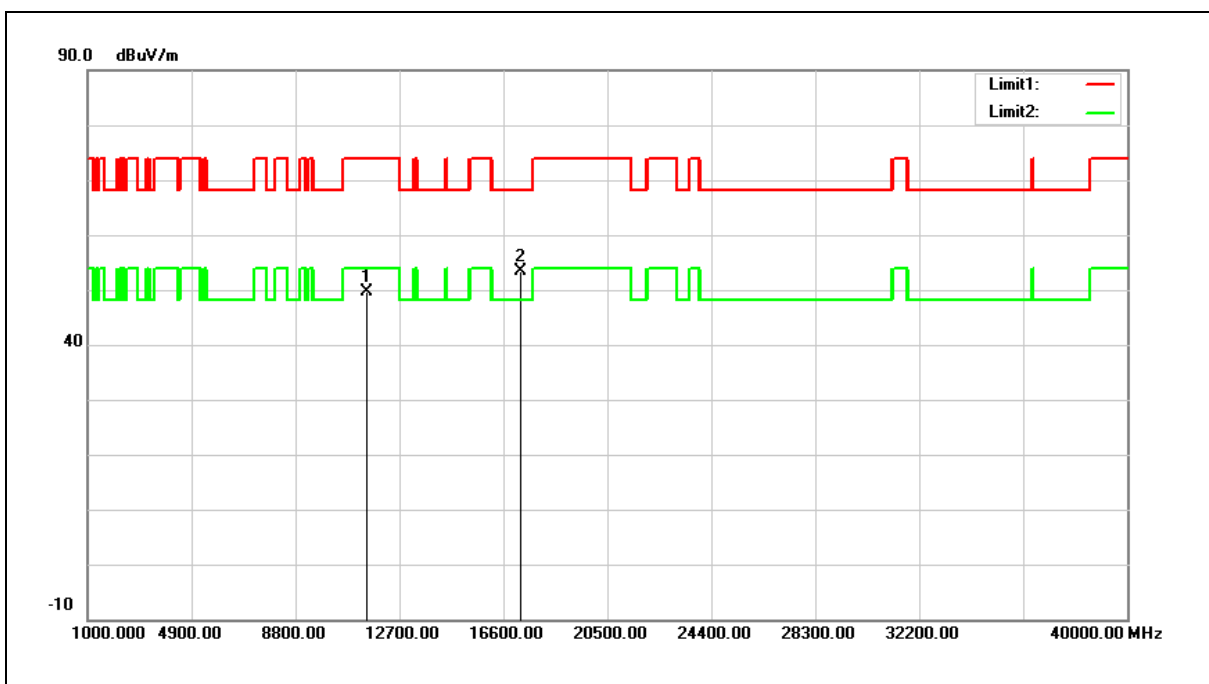
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	33.88	14.55	48.43	68.20	-19.77	peak
2	15720.000	32.12	16.24	48.36	74.00	-25.64	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



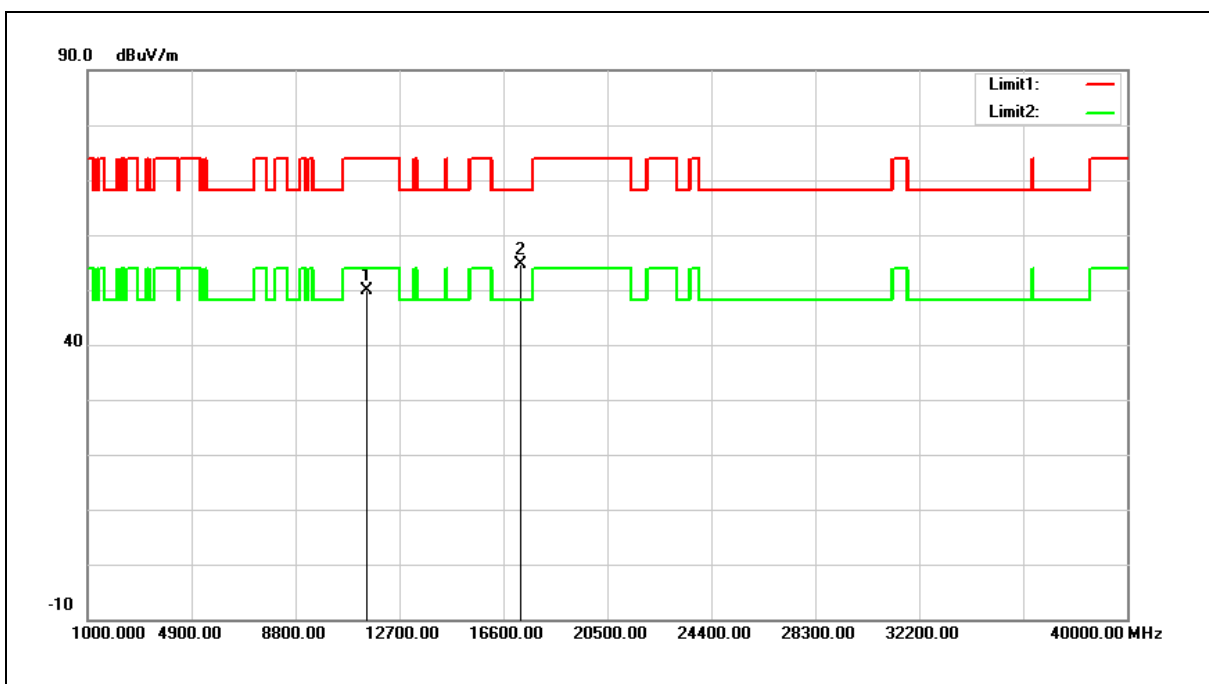
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	34.23	15.39	49.62	74.00	-24.38	peak
2	17235.000	31.70	21.71	53.41	68.20	-14.79	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



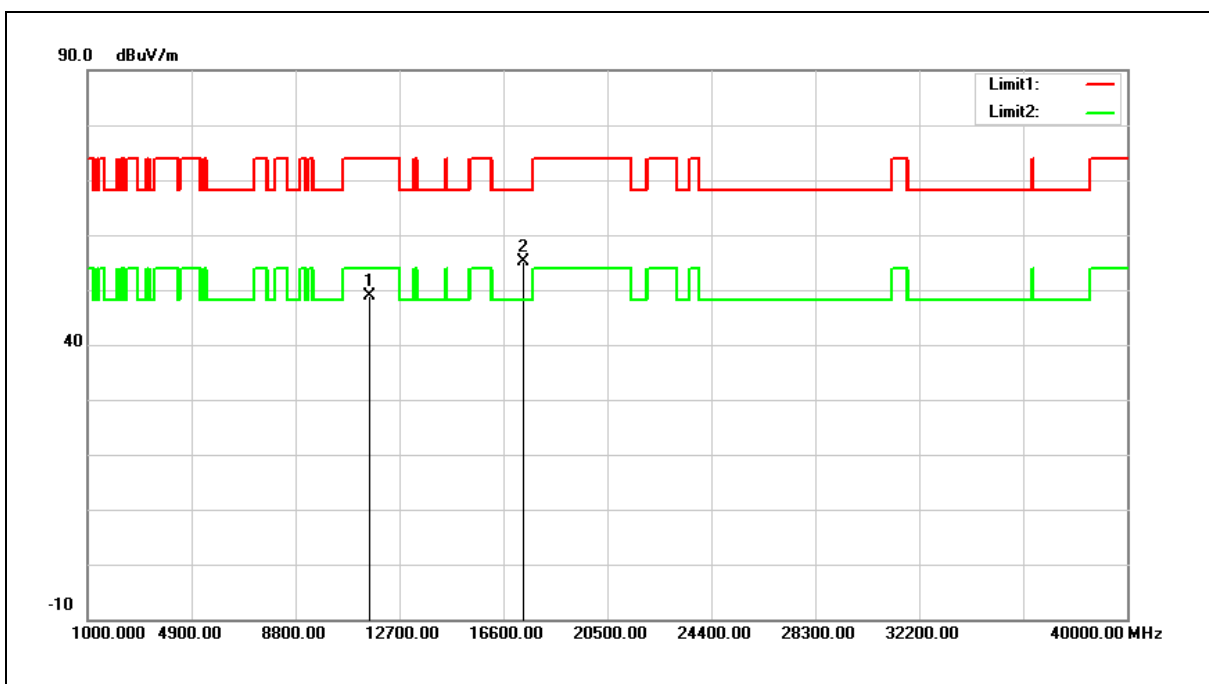
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	34.46	15.39	49.85	74.00	-24.15	peak
2	17235.000	33.04	21.71	54.75	68.20	-13.45	peak

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

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

3.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 8		
Ant.Polar.:	Horizontal		



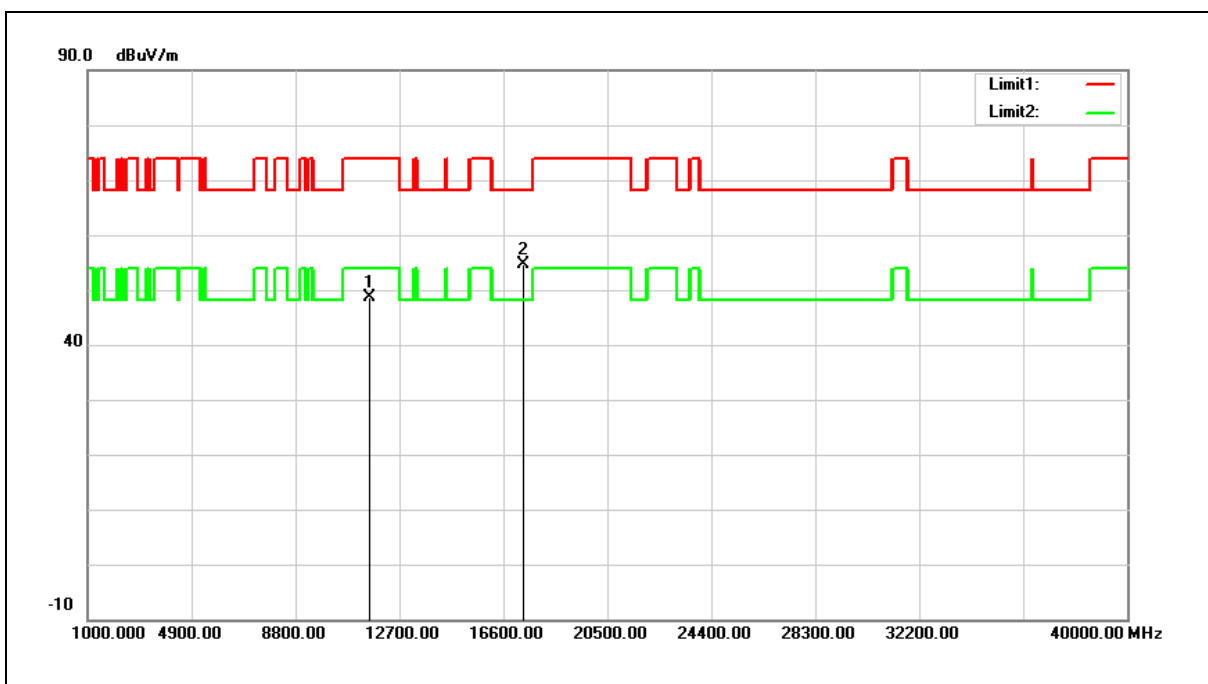
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	33.57	15.25	48.82	74.00	-25.18	peak
2	17355.000	32.59	22.42	55.01	68.20	-13.19	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



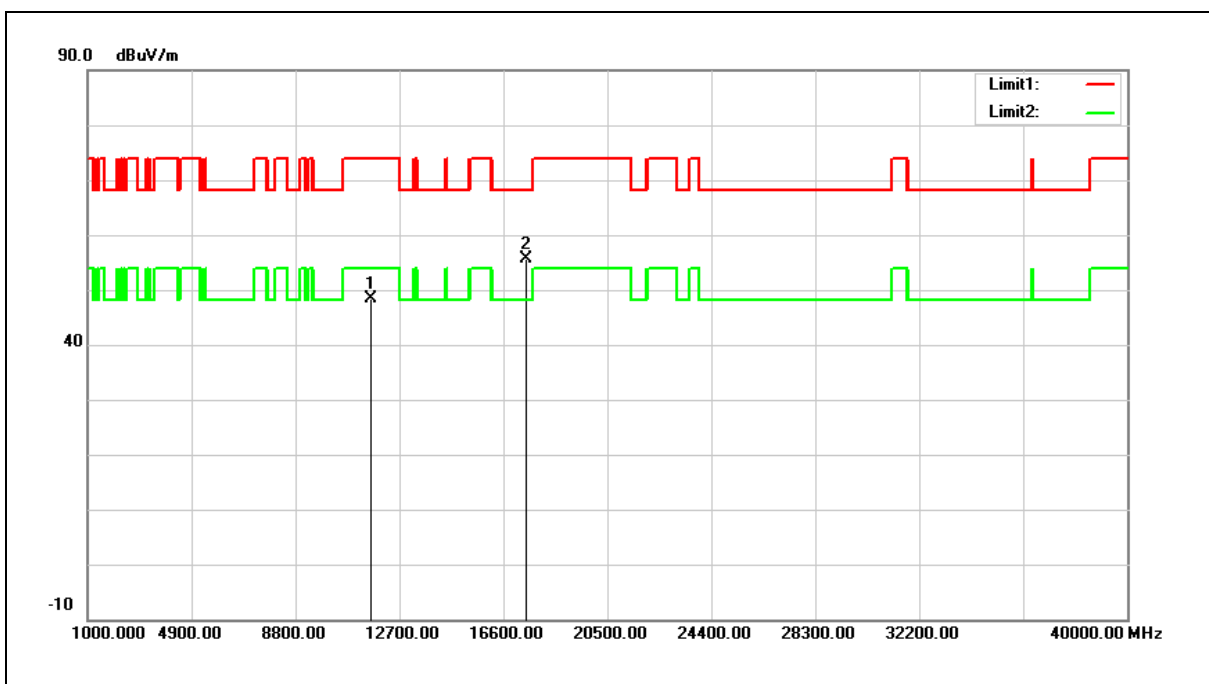
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	33.26	15.25	48.51	74.00	-25.49	peak
2	17355.000	32.13	22.42	54.55	68.20	-13.65	peak

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:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



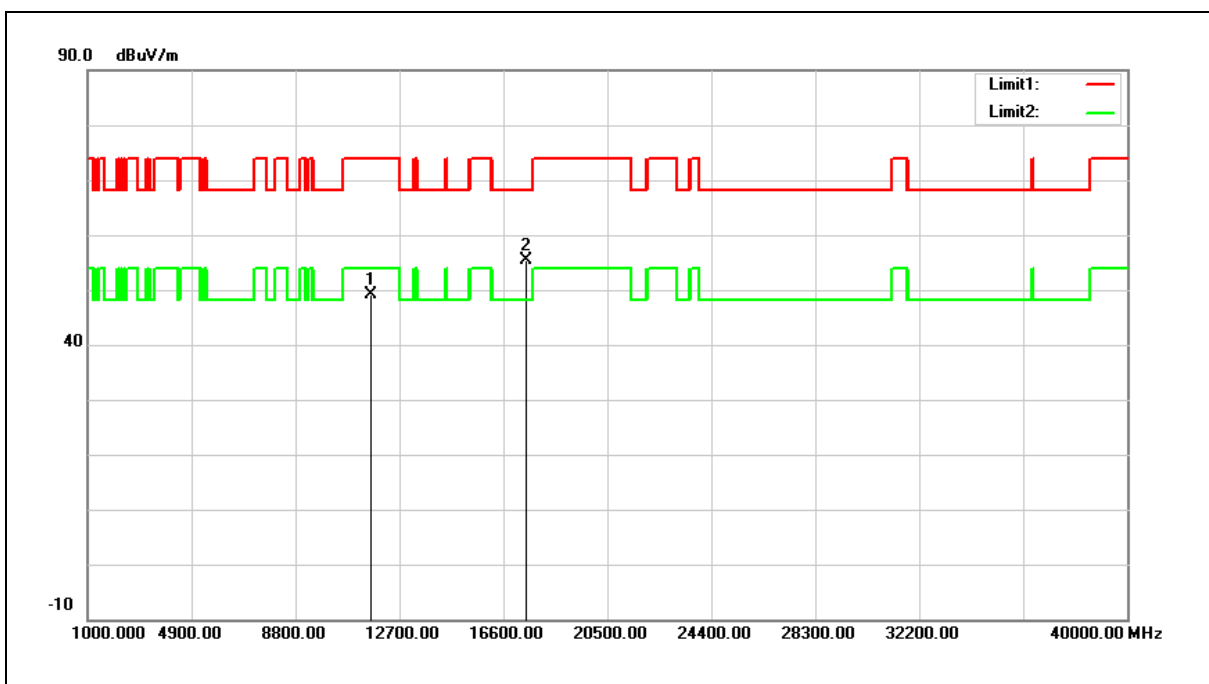
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	33.22	15.08	48.30	74.00	-25.70	peak
2	17475.000	32.48	23.13	55.61	68.20	-12.59	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



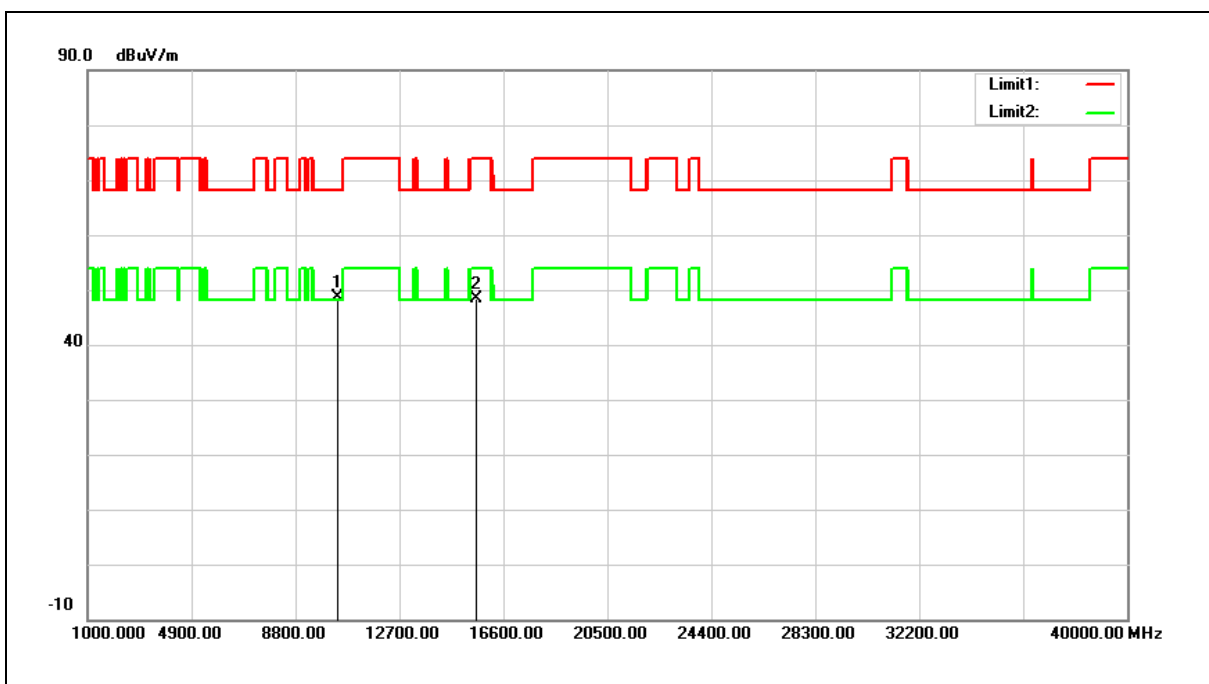
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	34.00	15.08	49.08	74.00	-24.92	peak
2	17475.000	32.34	23.13	55.47	68.20	-12.73	peak

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:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



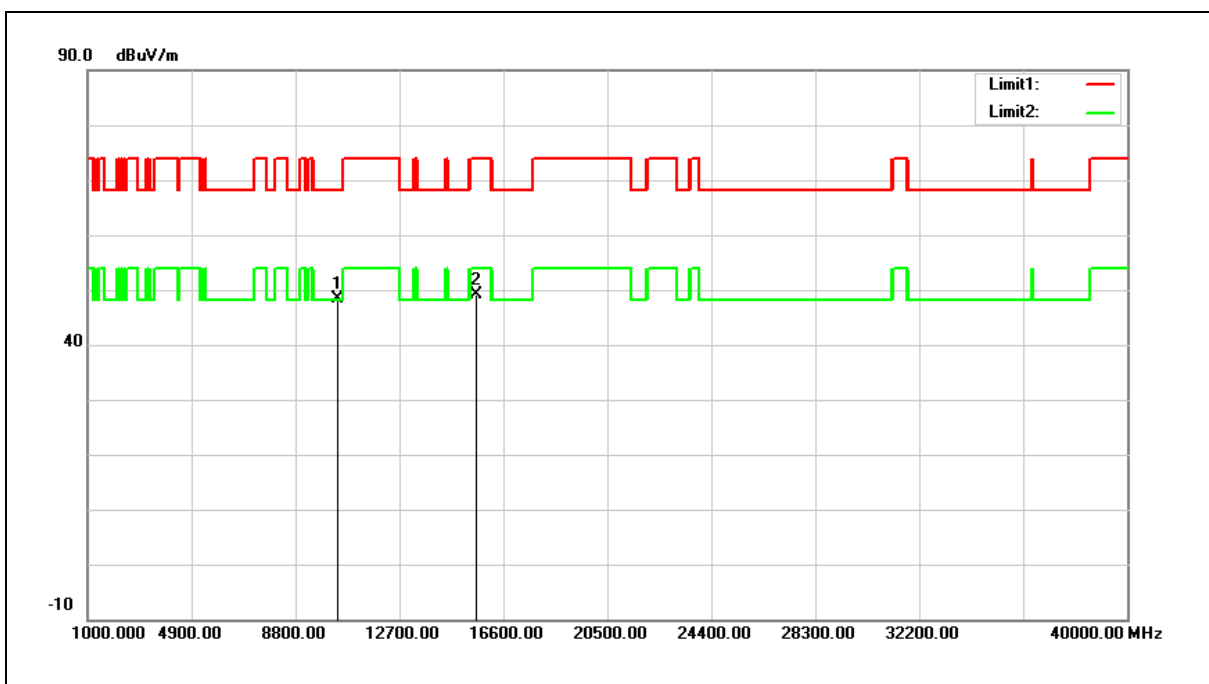
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	34.19	14.35	48.54	68.20	-19.66	peak
2	15570.000	31.65	16.75	48.40	74.00	-25.60	peak

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:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



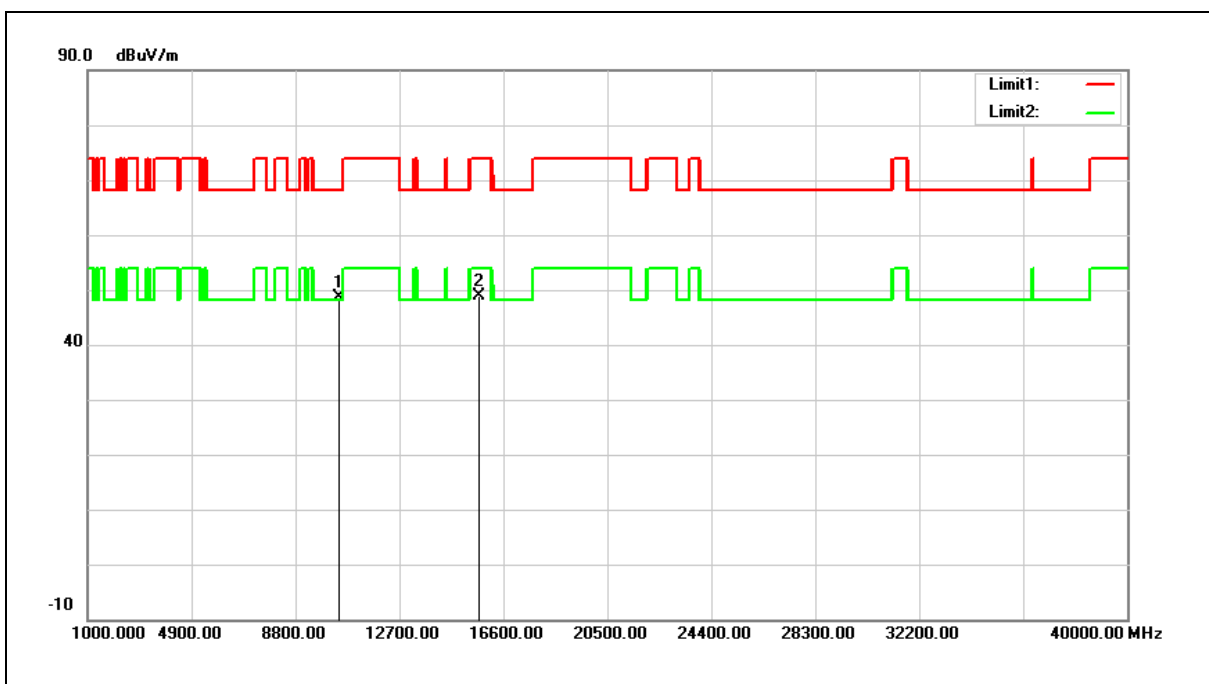
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	33.98	14.35	48.33	68.20	-19.87	peak
2	15570.000	32.28	16.75	49.03	74.00	-24.97	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



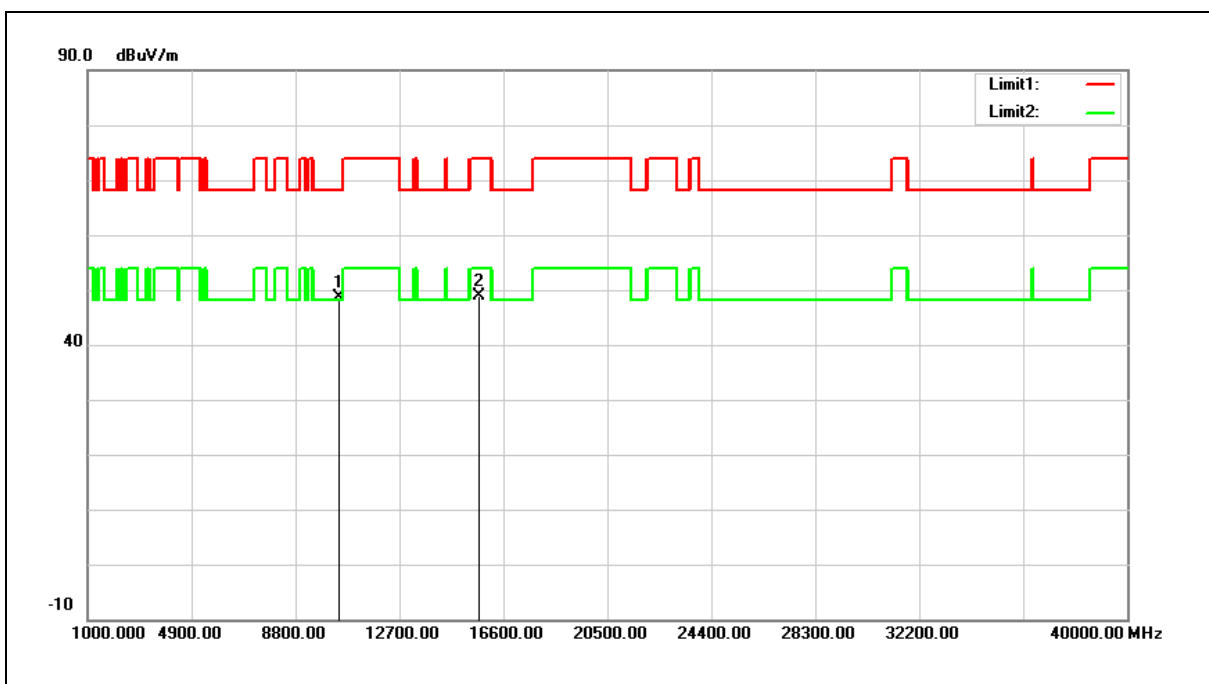
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	34.07	14.51	48.58	68.20	-19.62	peak
2	15690.000	32.45	16.35	48.80	74.00	-25.20	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



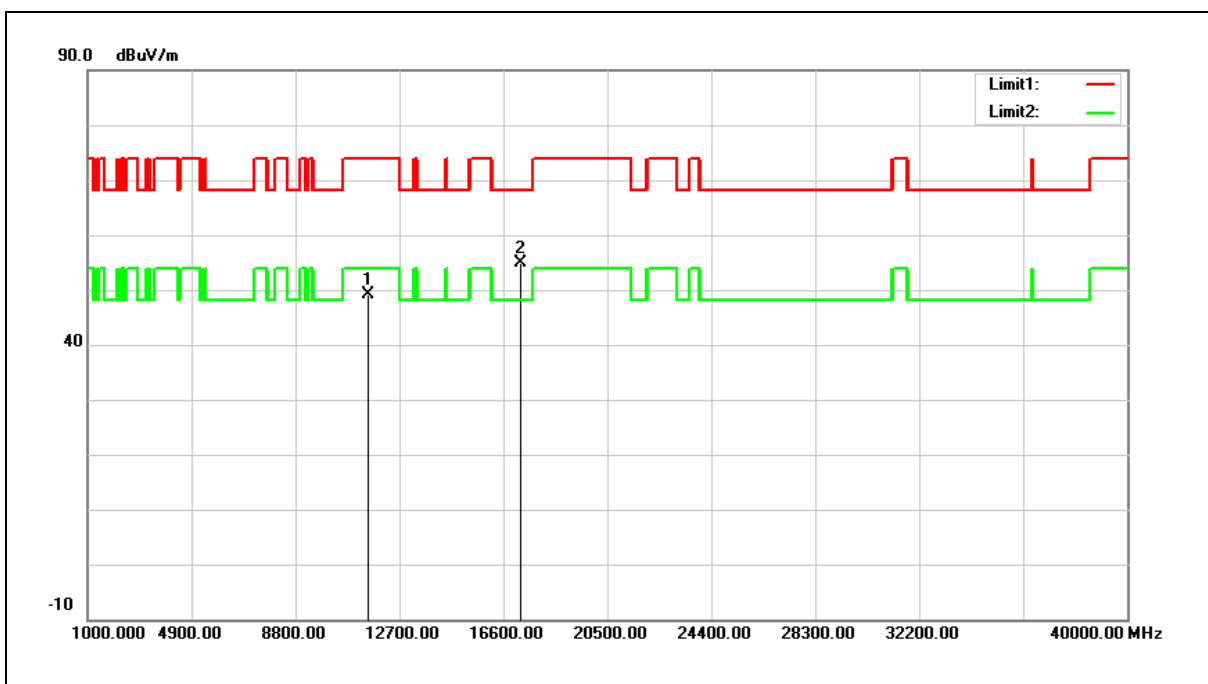
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	34.23	14.51	48.74	68.20	-19.46	peak
2	15690.000	32.60	16.35	48.95	74.00	-25.05	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



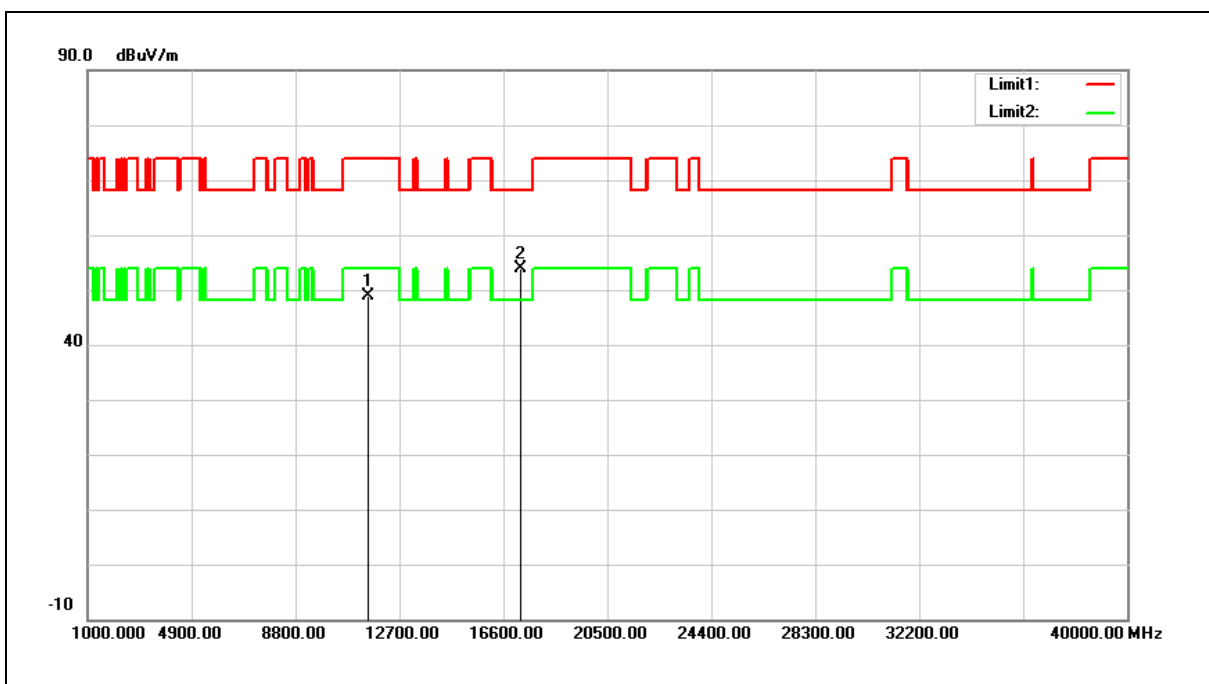
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	33.72	15.38	49.10	74.00	-24.90	peak
2	17265.000	32.94	21.88	54.82	68.20	-13.38	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



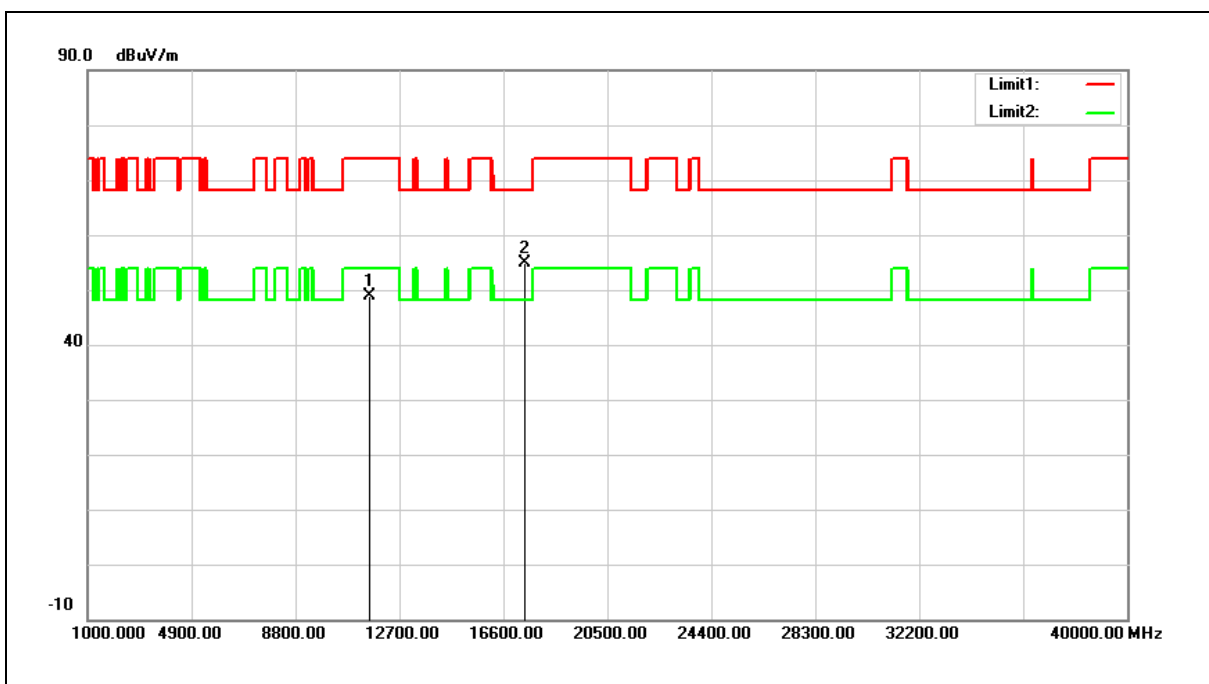
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	33.40	15.38	48.78	74.00	-25.22	peak
2	17265.000	31.99	21.88	53.87	68.20	-14.33	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



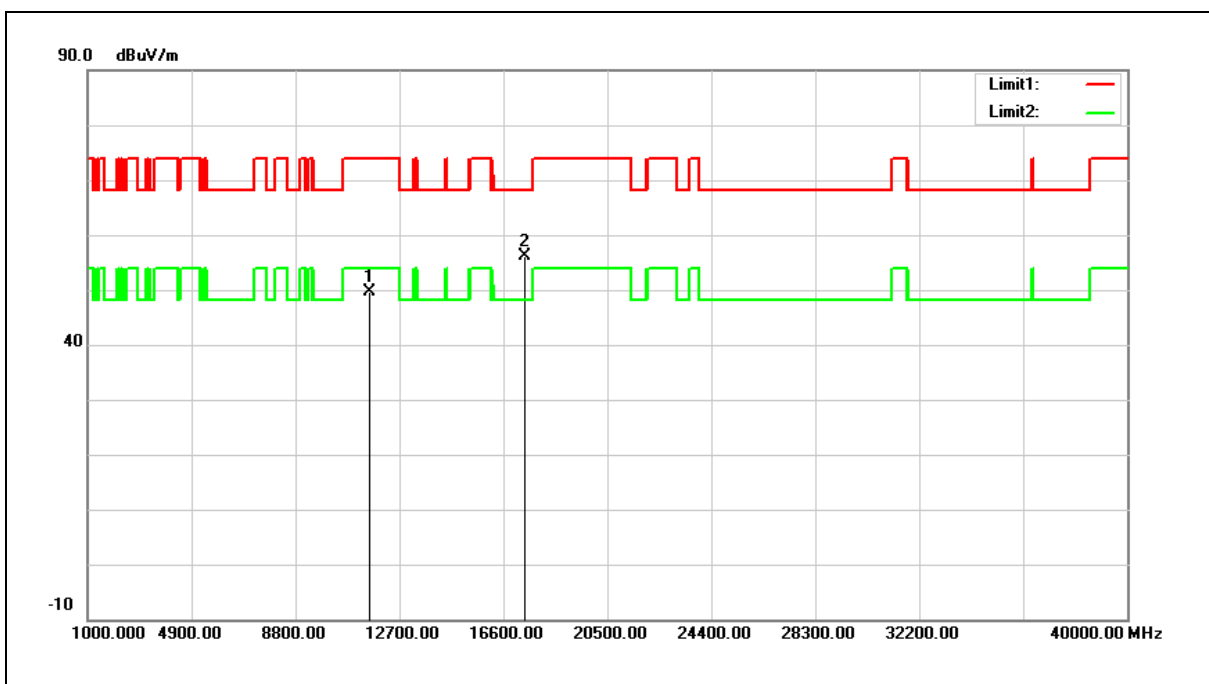
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	33.75	15.20	48.95	74.00	-25.05	peak
2	17385.000	32.23	22.60	54.83	68.20	-13.37	peak

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 9		
Ant.Polar.:	Vertical		



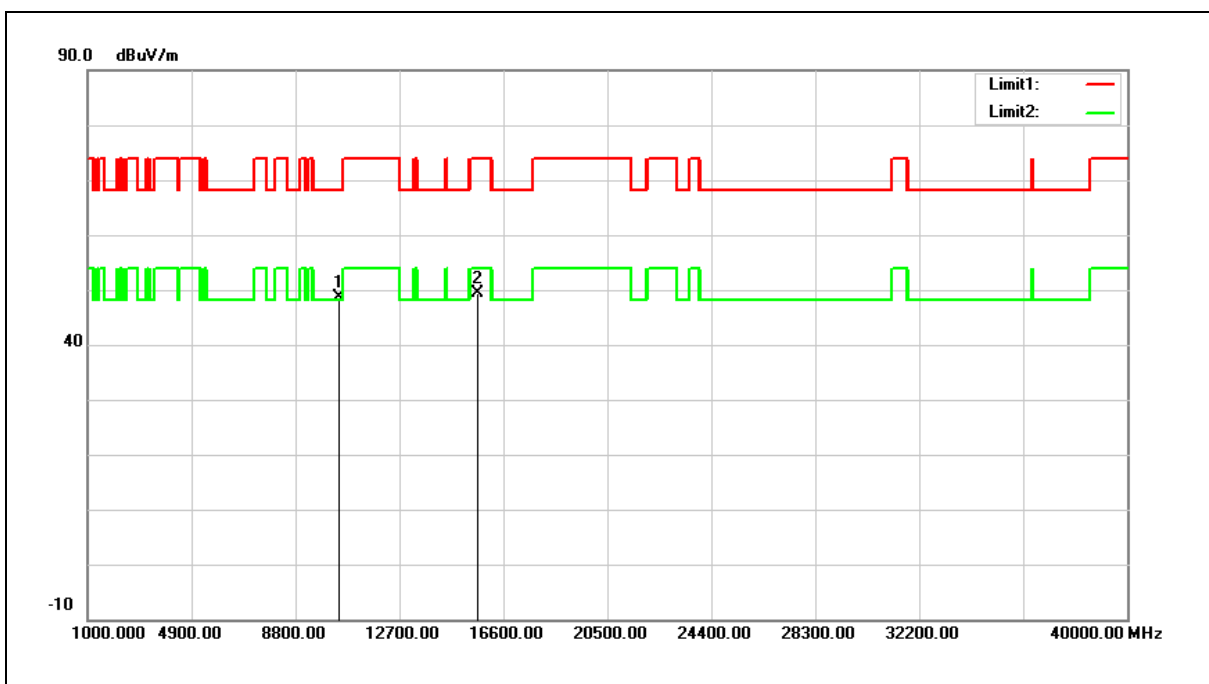
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	34.40	15.20	49.60	74.00	-24.40	peak
2	17385.000	33.53	22.60	56.13	68.20	-12.07	peak

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

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

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

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



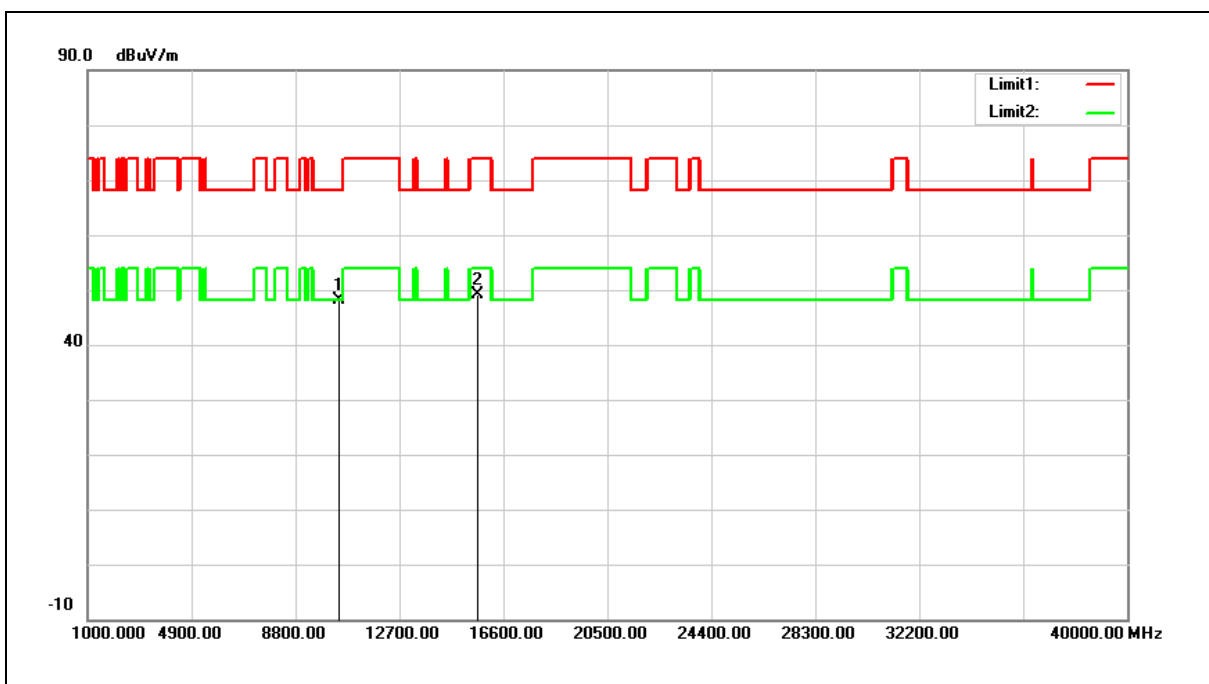
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	34.28	14.42	48.70	68.20	-19.50	peak
2	15630.000	32.74	16.56	49.30	74.00	-24.70	peak

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		



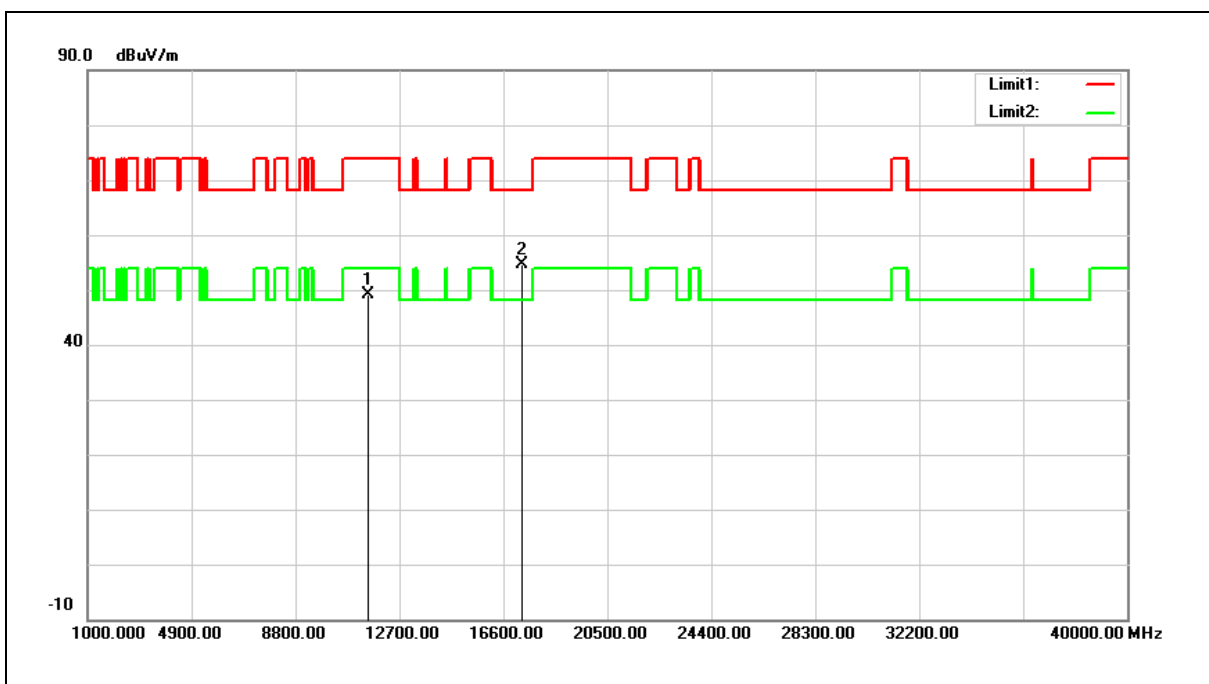
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	33.72	14.42	48.14	68.20	-20.06	peak
2	15630.000	32.56	16.56	49.12	74.00	-24.88	peak

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

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

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

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



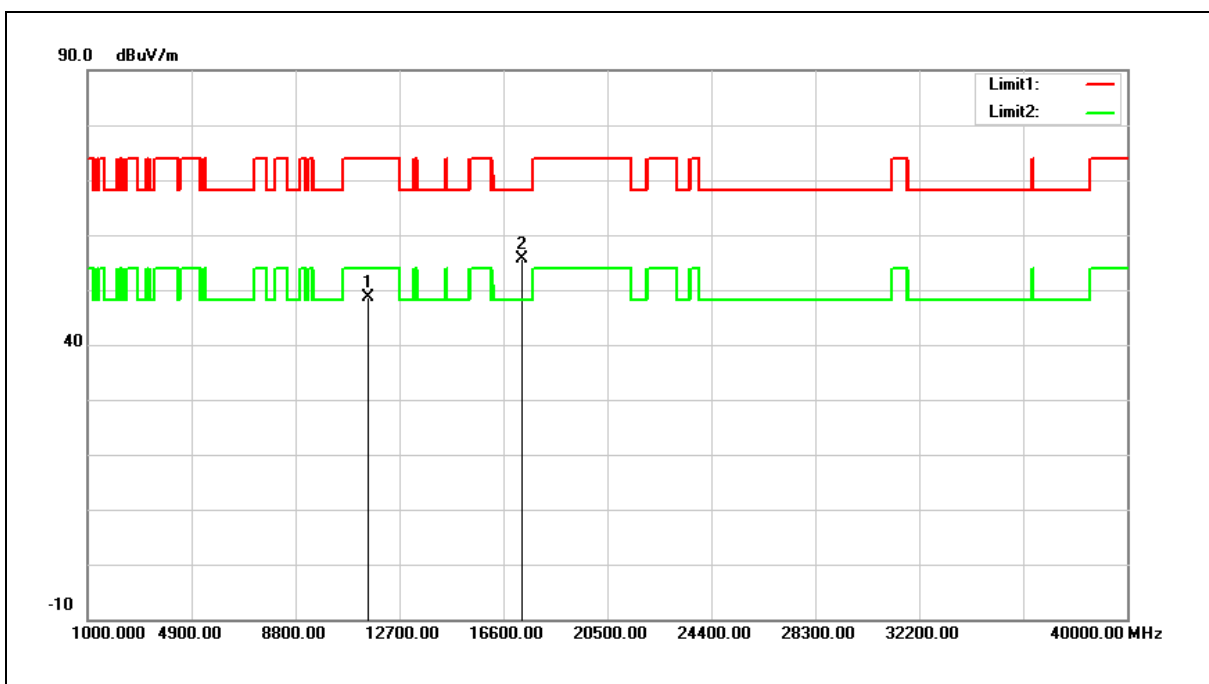
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	33.77	15.29	49.06	74.00	-24.94	peak
2	17325.000	32.32	22.24	54.56	68.20	-13.64	peak

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

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

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

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



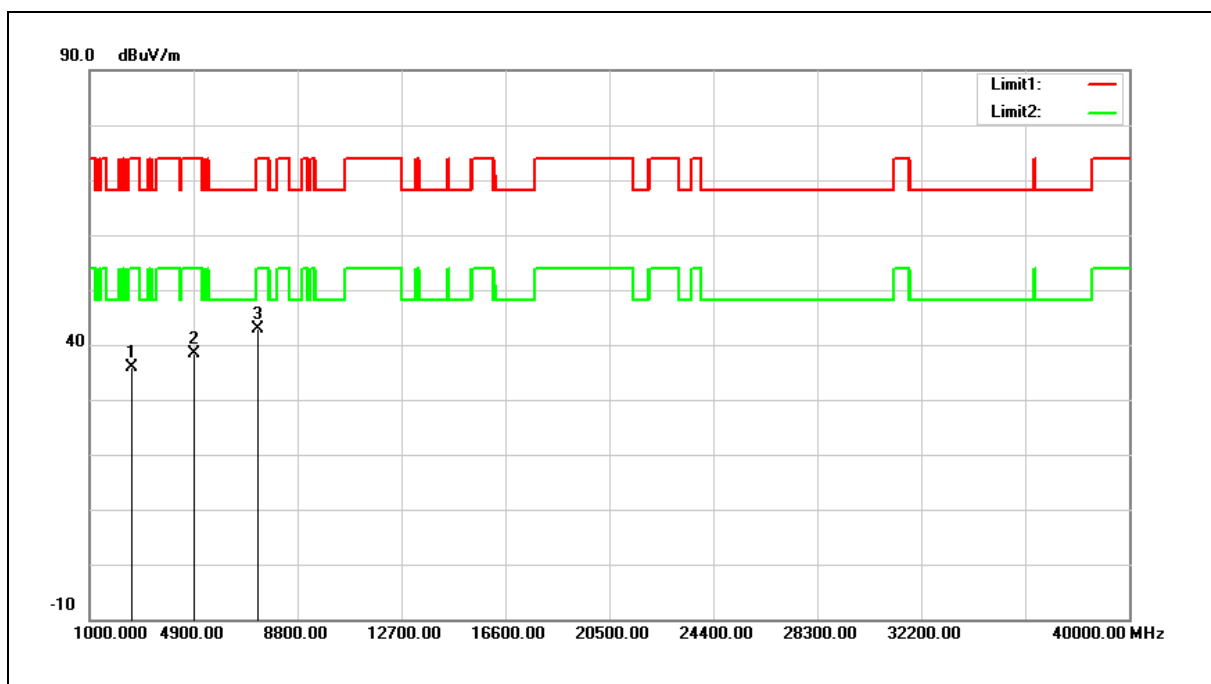
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	33.32	15.29	48.61	74.00	-25.39	peak
2	17325.000	33.49	22.24	55.73	68.20	-12.47	peak

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



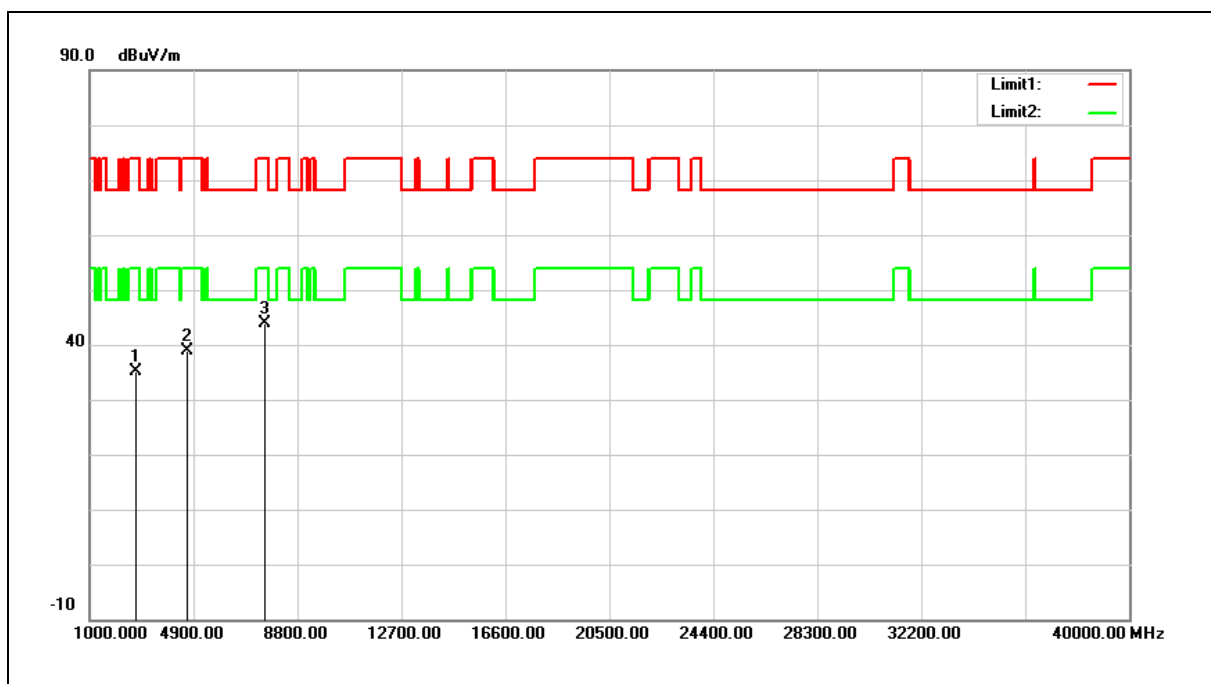
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2564.000	42.58	-6.67	35.91	74.00	-38.09	peak
2	4876.000	39.27	-0.79	38.48	74.00	-35.52	peak
3	7290.000	36.43	6.37	42.80	74.00	-31.20	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
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	2734.000	41.26	-6.15	35.11	74.00	-38.89	peak
2	4655.000	40.35	-1.56	38.79	74.00	-35.21	peak
3	7545.000	36.68	7.29	43.97	74.00	-30.03	peak

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

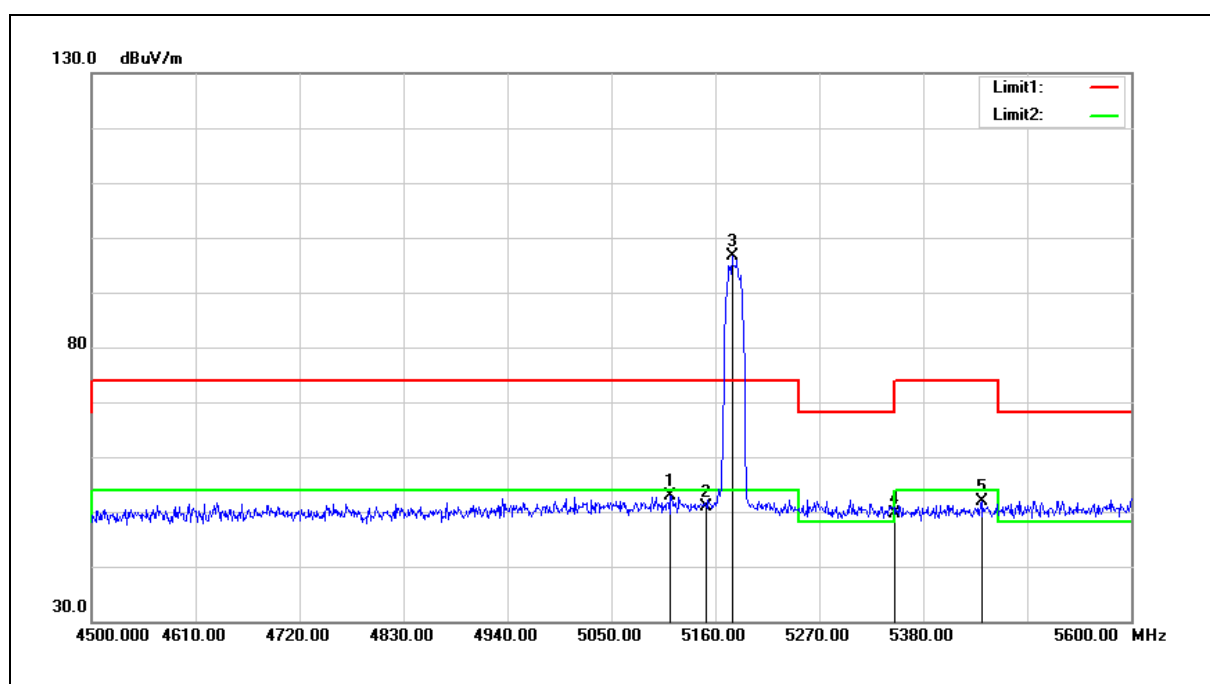
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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Peak

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



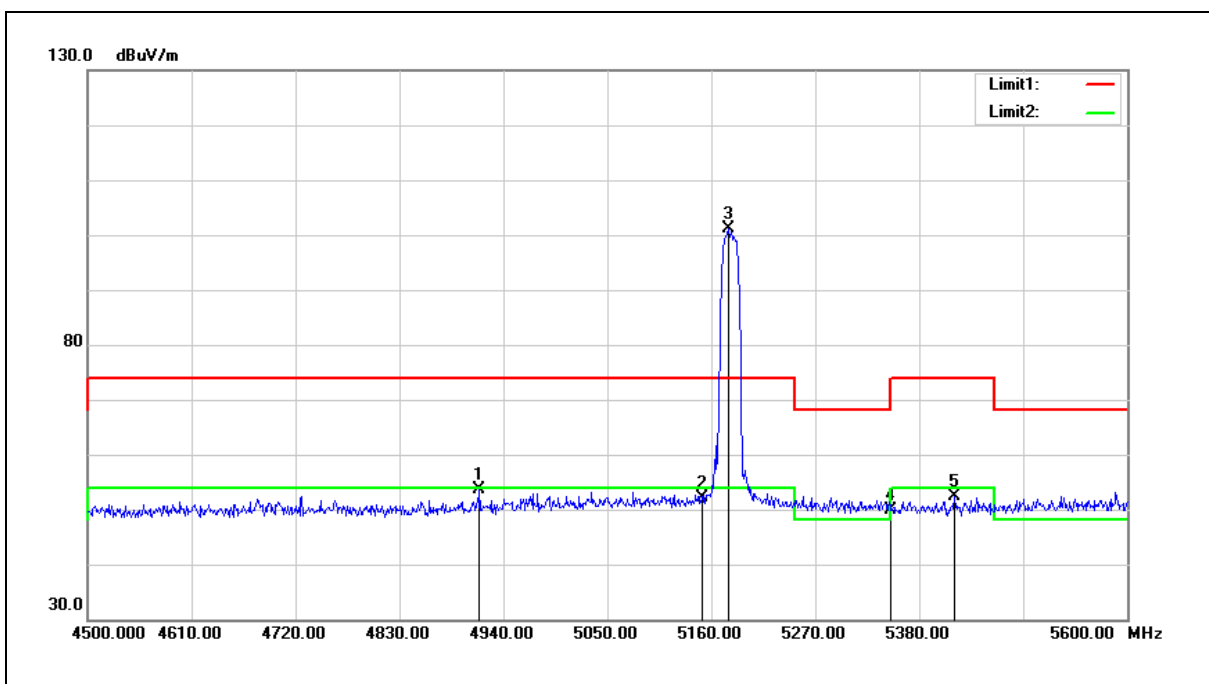
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5112.700	53.13	-0.15	52.98	74.00	-21.02	peak
2	5150.000	50.84	-0.08	50.76	74.00	-23.24	peak
3	5177.600	96.54	-0.03	96.51	--	--	peak
4	5350.000	49.33	0.30	49.63	74.00	-24.37	peak
5	5441.600	51.46	0.46	51.92	74.00	-22.08	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:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



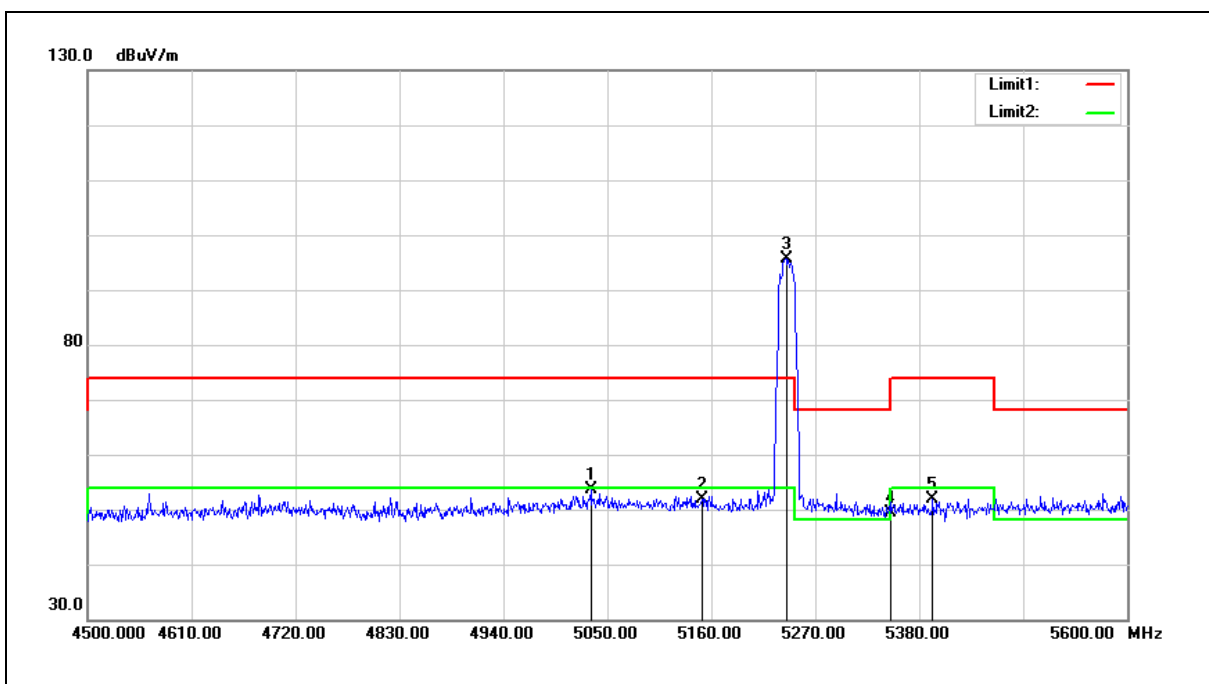
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4914.700	54.22	-0.65	53.57	74.00	-20.43	peak
2	5150.000	52.28	-0.08	52.20	74.00	-21.80	peak
3	5178.700	101.17	-0.03	101.14	--	--	peak
4	5350.000	49.67	0.30	49.97	74.00	-24.03	peak
5	5417.400	51.97	0.41	52.38	74.00	-21.62	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:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



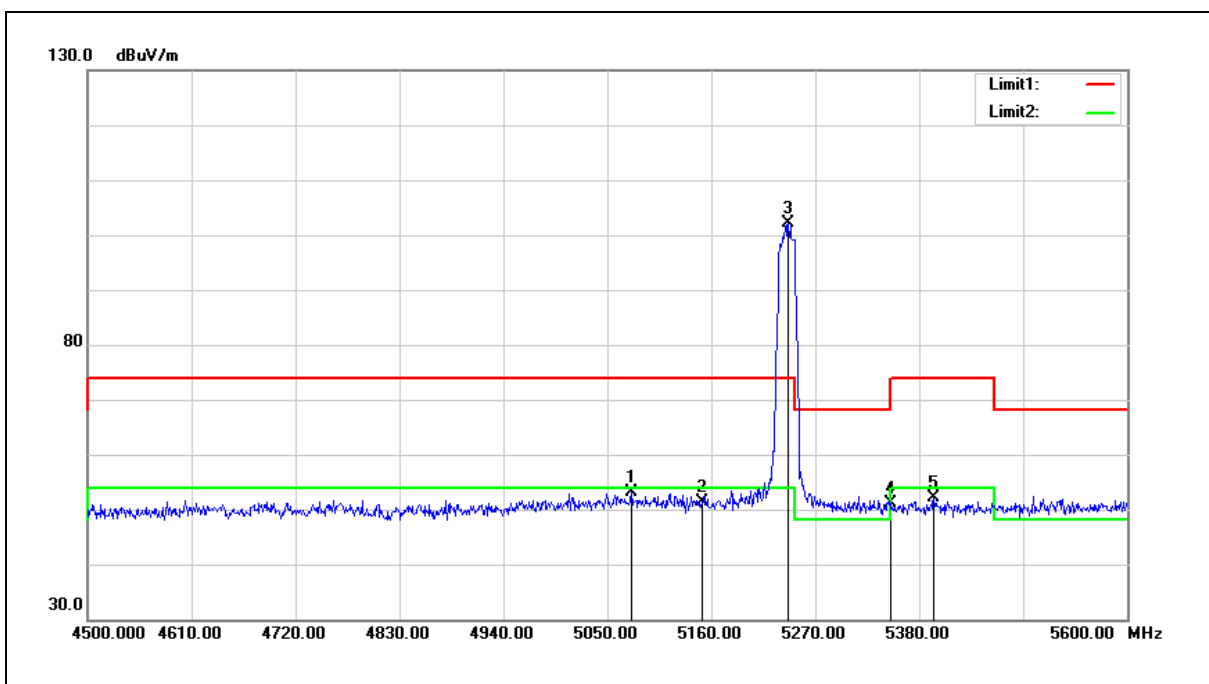
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5032.400	53.97	-0.30	53.67	74.00	-20.33	peak
2	5150.000	51.93	-0.08	51.85	74.00	-22.15	peak
3	5239.200	95.60	0.08	95.68	--	--	peak
4	5350.000	49.08	0.30	49.38	74.00	-24.62	peak
5	5394.300	51.59	0.38	51.97	74.00	-22.03	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	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	5075.300	53.28	-0.22	53.06	74.00	-20.94	peak
2	5150.000	51.48	-0.08	51.40	74.00	-22.60	peak
3	5241.400	102.07	0.09	102.16	--	--	peak
4	5350.000	50.74	0.30	51.04	74.00	-22.96	peak
5	5395.400	51.71	0.38	52.09	74.00	-21.91	peak

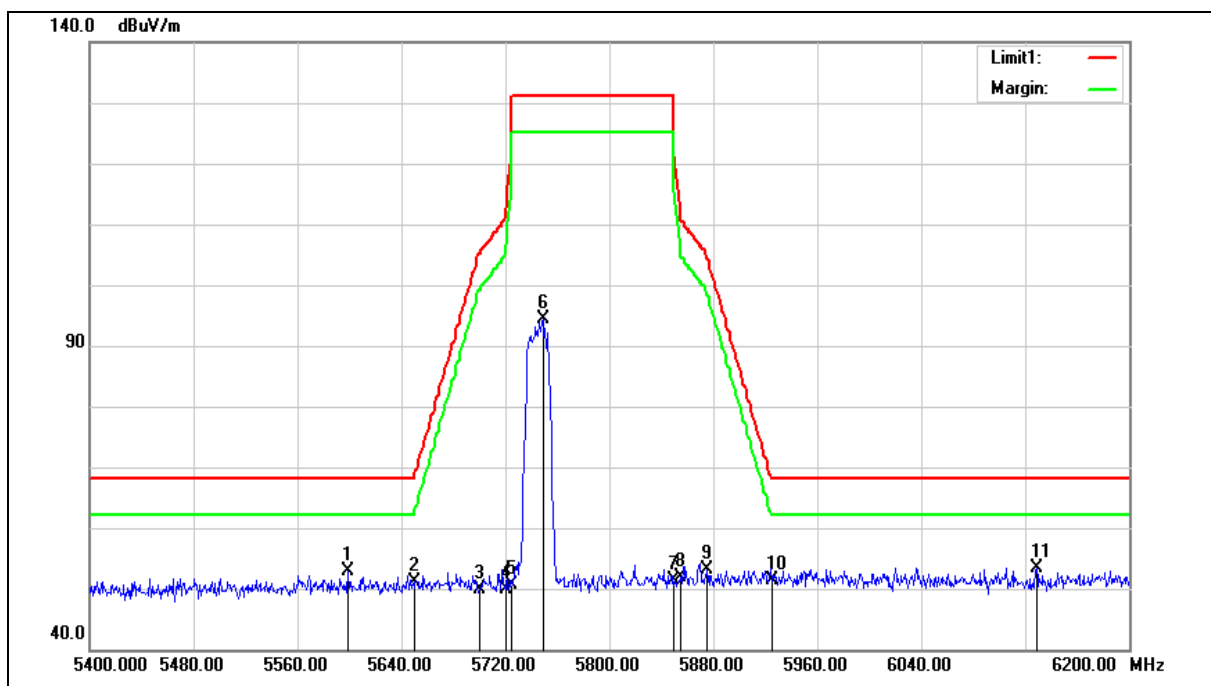
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 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	5598.400	51.99	0.84	52.83	68.20	-15.37	peak
2	5650.000	50.21	0.97	51.18	68.20	-17.02	peak
3	5700.000	48.73	1.11	49.84	105.20	-55.36	peak
4	5720.000	48.79	1.17	49.96	110.80	-60.84	peak
5	5725.000	49.38	1.18	50.56	122.20	-71.64	peak
6	5748.800	93.01	1.25	94.26	--	--	peak
7	5850.000	49.91	1.52	51.43	122.20	-70.77	peak
8	5855.000	50.32	1.53	51.85	110.80	-58.95	peak
9	5875.000	51.43	1.59	53.02	105.20	-52.18	peak
10	5925.000	49.67	1.72	51.39	68.20	-16.81	peak
11	6128.800	51.05	2.42	53.47	68.20	-14.73	peak

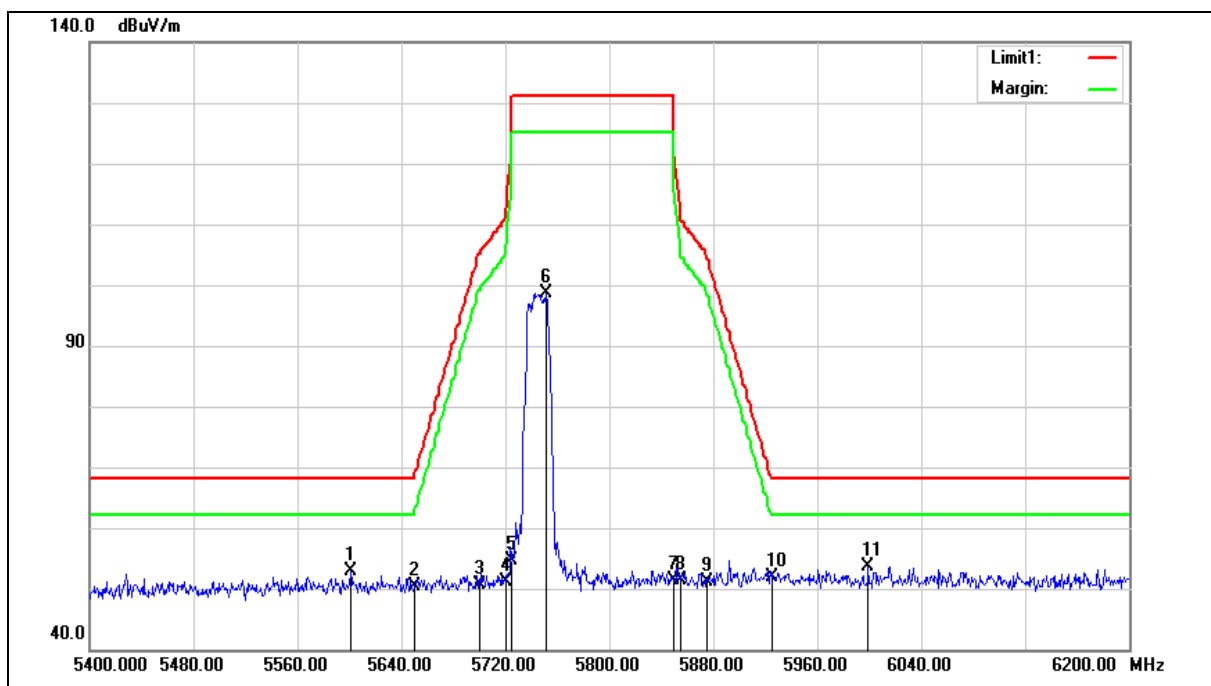
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

Test Distance: 3 m



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	5600.800	52.04	0.85	52.89	68.20	-15.31	peak
2	5650.000	49.37	0.97	50.34	68.20	-17.86	peak
3	5700.000	49.45	1.11	50.56	105.20	-54.64	peak
4	5720.000	50.07	1.17	51.24	110.80	-59.56	peak
5	5725.000	53.48	1.18	54.66	122.20	-67.54	peak
6	5751.200	97.28	1.25	98.53	--	--	peak
7	5850.000	49.89	1.52	51.41	122.20	-70.79	peak
8	5855.000	49.80	1.53	51.33	110.80	-59.47	peak
9	5875.000	49.51	1.59	51.10	105.20	-54.10	peak
10	5925.000	50.27	1.72	51.99	68.20	-16.21	peak
11	5999.200	51.73	1.92	53.65	68.20	-14.55	peak

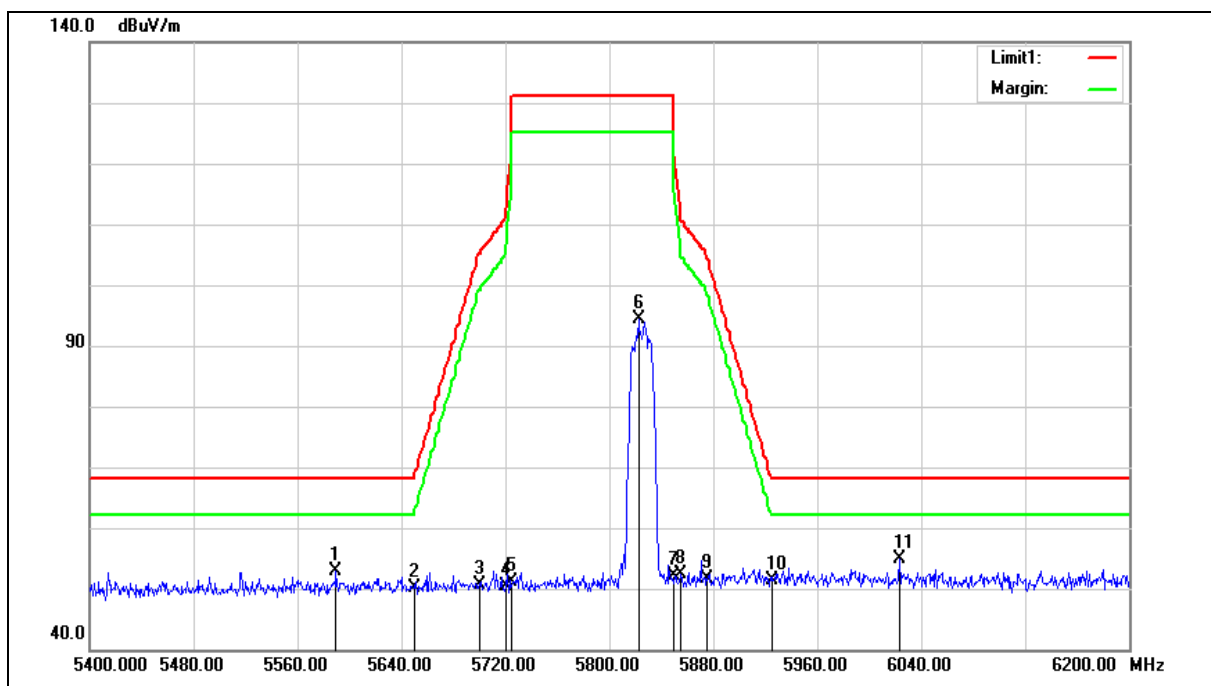
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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 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		

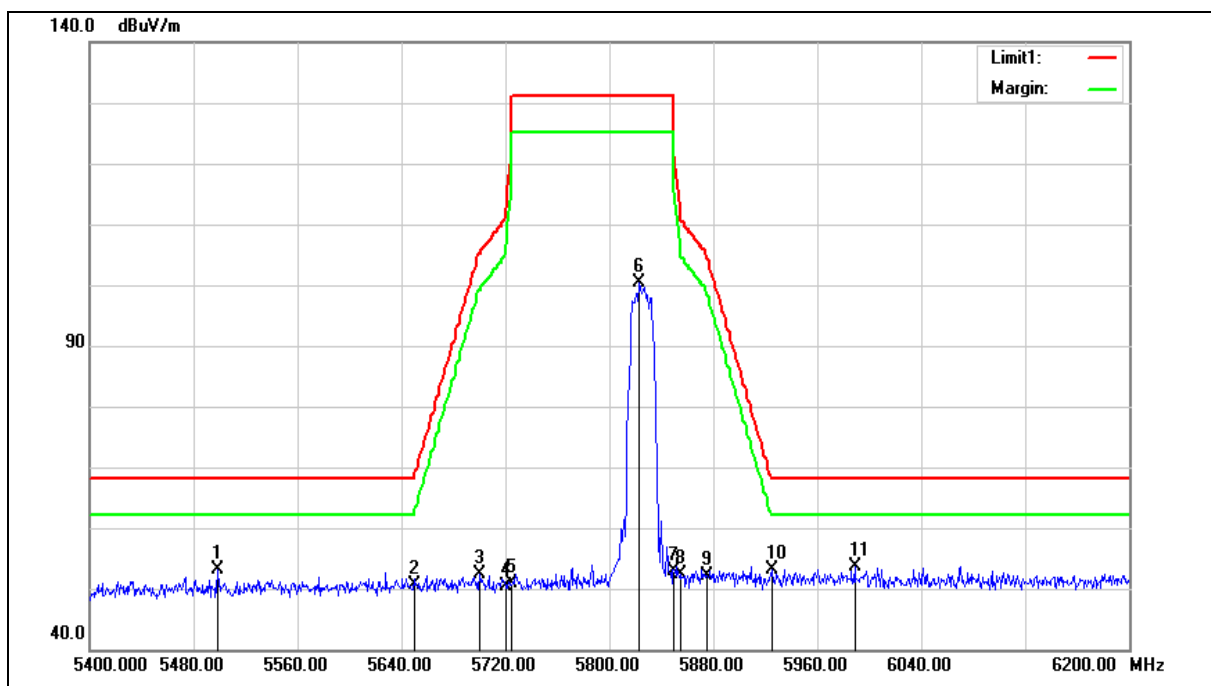
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5589.600	52.15	0.82	52.97	68.20	-15.23	peak
2	5650.000	49.13	0.97	50.10	68.20	-18.10	peak
3	5700.000	49.64	1.11	50.75	105.20	-54.45	peak
4	5720.000	49.20	1.17	50.37	110.80	-60.43	peak
5	5725.000	50.02	1.18	51.20	122.20	-71.00	peak
6	5822.400	92.91	1.45	94.36	--	--	peak
7	5850.000	50.64	1.52	52.16	122.20	-70.04	peak
8	5855.000	50.86	1.53	52.39	110.80	-58.41	peak
9	5875.000	50.13	1.59	51.72	105.20	-53.48	peak
10	5925.000	49.72	1.72	51.44	68.20	-16.76	peak
11	6023.200	52.95	2.01	54.96	68.20	-13.24	peak

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

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

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

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



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

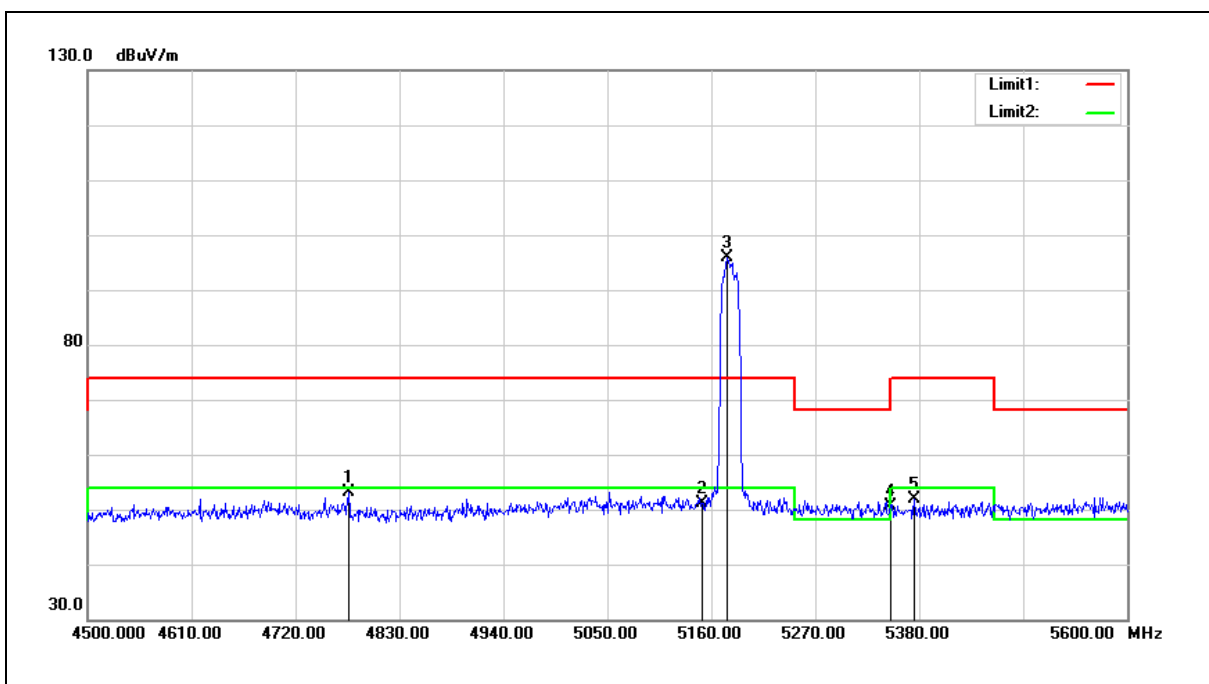
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5498.400	52.53	0.57	53.10	68.20	-15.10	peak
2	5650.000	49.72	0.97	50.69	68.20	-17.51	peak
3	5700.000	51.27	1.11	52.38	105.20	-52.82	peak
4	5720.000	49.16	1.17	50.33	110.80	-60.47	peak
5	5725.000	49.66	1.18	50.84	122.20	-71.36	peak
6	5823.200	98.84	1.45	100.29	--	--	peak
7	5850.000	51.27	1.52	52.79	122.20	-69.41	peak
8	5855.000	50.87	1.53	52.40	110.80	-58.40	peak
9	5875.000	50.53	1.59	52.12	105.20	-53.08	peak
10	5925.000	51.44	1.72	53.16	68.20	-15.04	peak
11	5988.800	51.80	1.89	53.69	68.20	-14.51	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:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



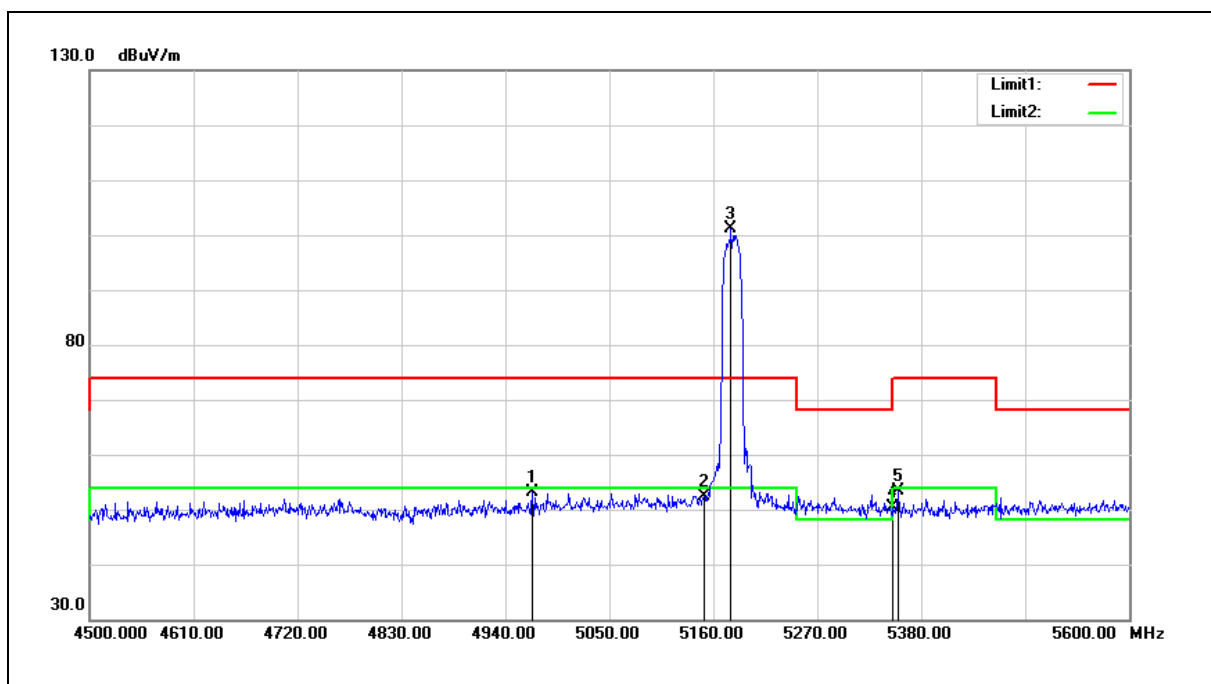
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4776.100	54.38	-1.14	53.24	74.00	-20.76	peak
2	5150.000	51.19	-0.08	51.11	74.00	-22.89	peak
3	5176.500	96.01	-0.03	95.98	--	--	peak
4	5350.000	50.28	0.30	50.58	74.00	-23.42	peak
5	5374.500	51.43	0.34	51.77	74.00	-22.23	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 Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



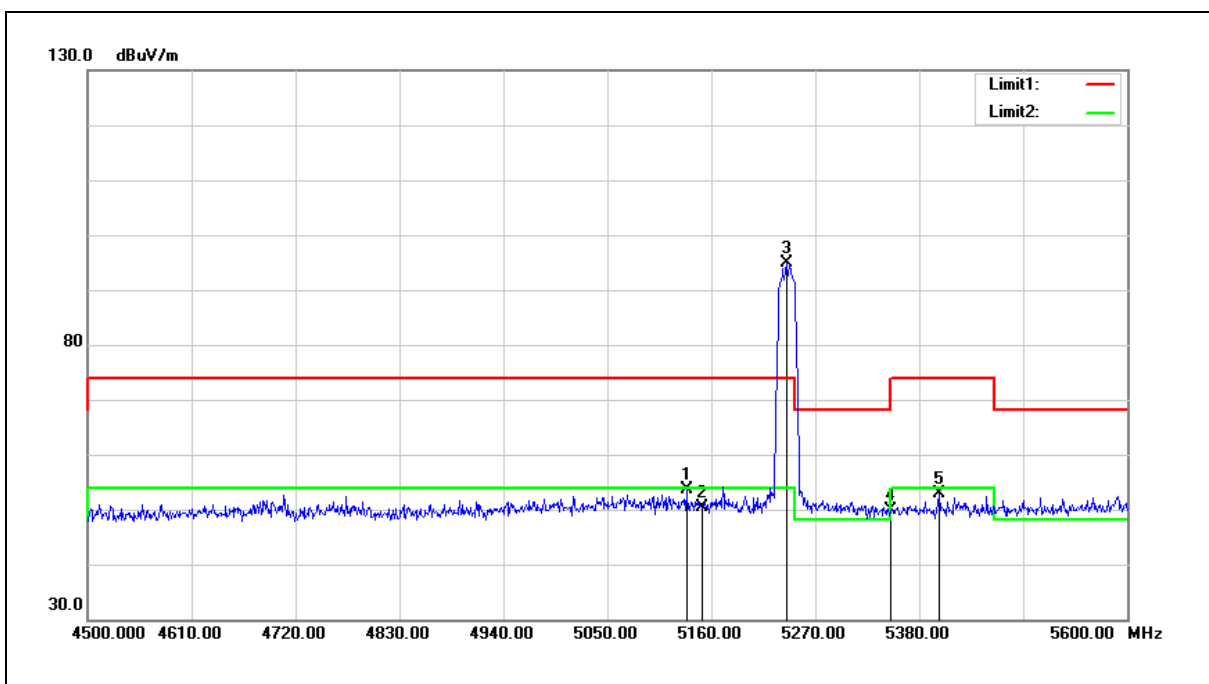
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4968.600	53.67	-0.47	53.20	74.00	-20.80	peak
2	5150.000	52.45	-0.08	52.37	74.00	-21.63	peak
3	5178.700	101.27	-0.03	101.24	--	--	peak
4	5350.000	49.98	0.30	50.28	74.00	-23.72	peak
5	5355.800	53.14	0.30	53.44	74.00	-20.56	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



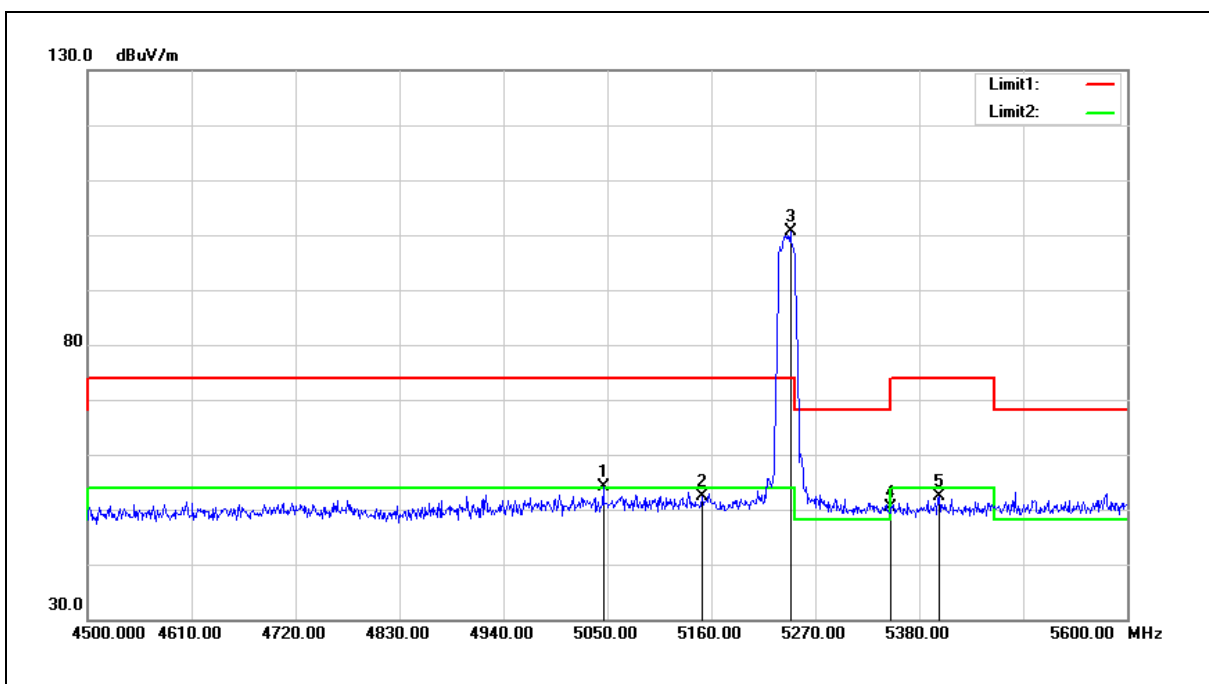
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5133.600	53.72	-0.10	53.62	74.00	-20.38	peak
2	5150.000	50.39	-0.08	50.31	74.00	-23.69	peak
3	5239.200	94.86	0.08	94.94	--	--	peak
4	5350.000	49.66	0.30	49.96	74.00	-24.04	peak
5	5400.900	52.44	0.39	52.83	74.00	-21.17	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:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5045.600	54.30	-0.27	54.03	74.00	-19.97	peak
2	5150.000	52.51	-0.08	52.43	74.00	-21.57	peak
3	5243.600	100.45	0.09	100.54	--	--	peak
4	5350.000	50.15	0.30	50.45	74.00	-23.55	peak
5	5400.900	52.01	0.39	52.40	74.00	-21.60	peak

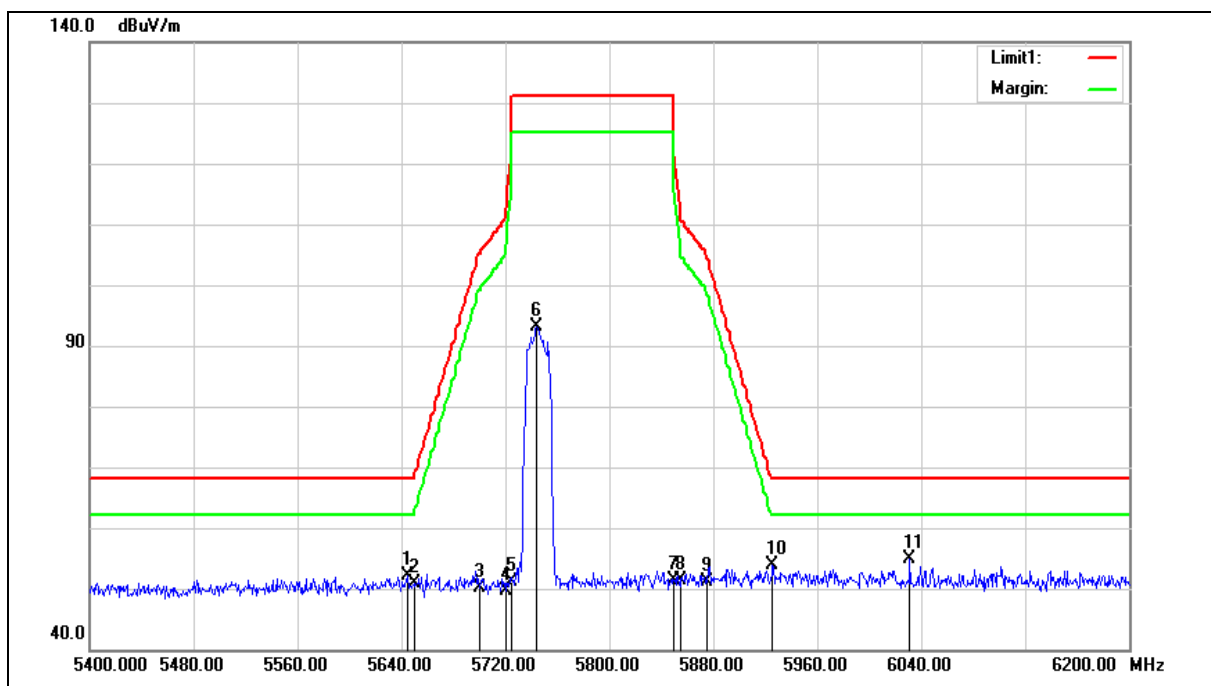
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 item: Band edge
Frequency: 5745 MHz
Mode: Mode 8
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.800	51.21	0.96	52.17	68.20	-16.03	peak
2	5650.000	49.79	0.97	50.76	68.20	-17.44	peak
3	5700.000	48.95	1.11	50.06	105.20	-55.14	peak
4	5720.000	48.46	1.17	49.63	110.80	-61.17	peak
5	5725.000	49.95	1.18	51.13	122.20	-71.07	peak
6	5744.000	91.82	1.23	93.05	--	--	peak
7	5850.000	49.78	1.52	51.30	122.20	-70.90	peak
8	5855.000	49.89	1.53	51.42	110.80	-59.38	peak
9	5875.000	49.52	1.59	51.11	105.20	-54.09	peak
10	5925.000	52.07	1.72	53.79	68.20	-14.41	peak
11	6031.200	52.75	2.03	54.78	68.20	-13.42	peak

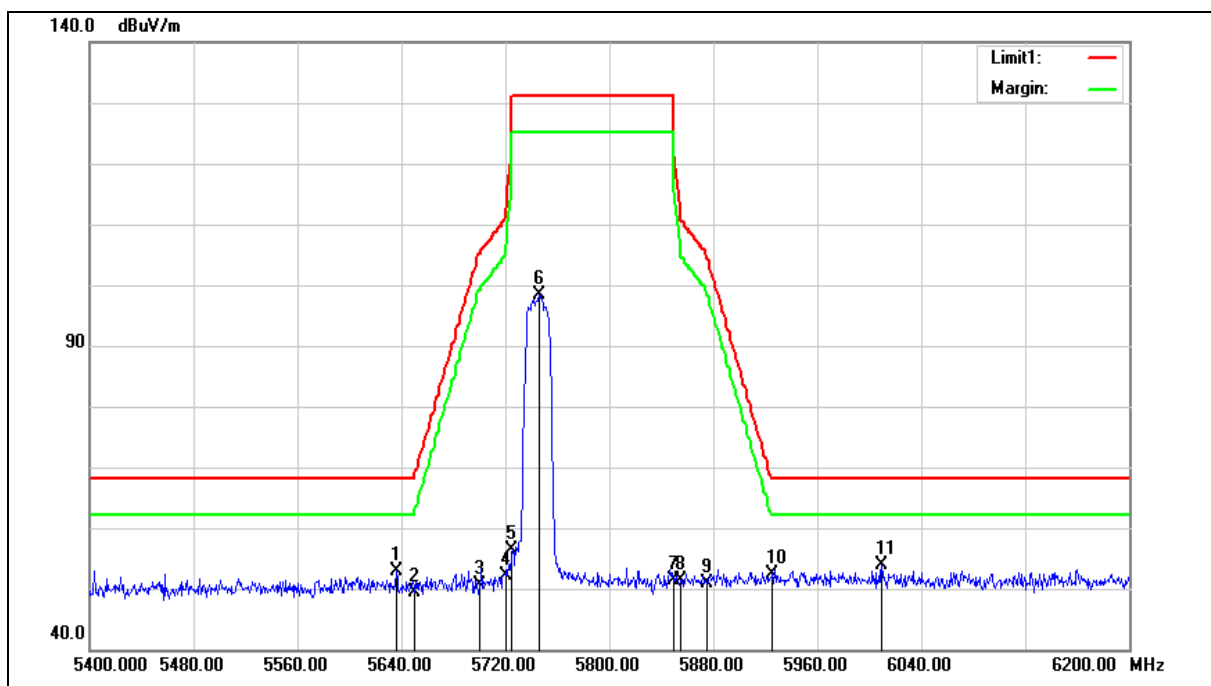
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5745 MHz
Mode: Mode 8
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5636.000	52.05	0.93	52.98	68.20	-15.22	peak
2	5650.000	48.29	0.97	49.26	68.20	-18.94	peak
3	5700.000	49.49	1.11	50.60	105.20	-54.60	peak
4	5720.000	50.88	1.17	52.05	110.80	-58.75	peak
5	5725.000	55.27	1.18	56.45	122.20	-65.75	peak
6	5746.400	97.19	1.24	98.43	--	--	peak
7	5850.000	49.76	1.52	51.28	122.20	-70.92	peak
8	5855.000	49.80	1.53	51.33	110.80	-59.47	peak
9	5875.000	49.39	1.59	50.98	105.20	-54.22	peak
10	5925.000	50.56	1.72	52.28	68.20	-15.92	peak
11	6009.600	51.80	1.96	53.76	68.20	-14.44	peak

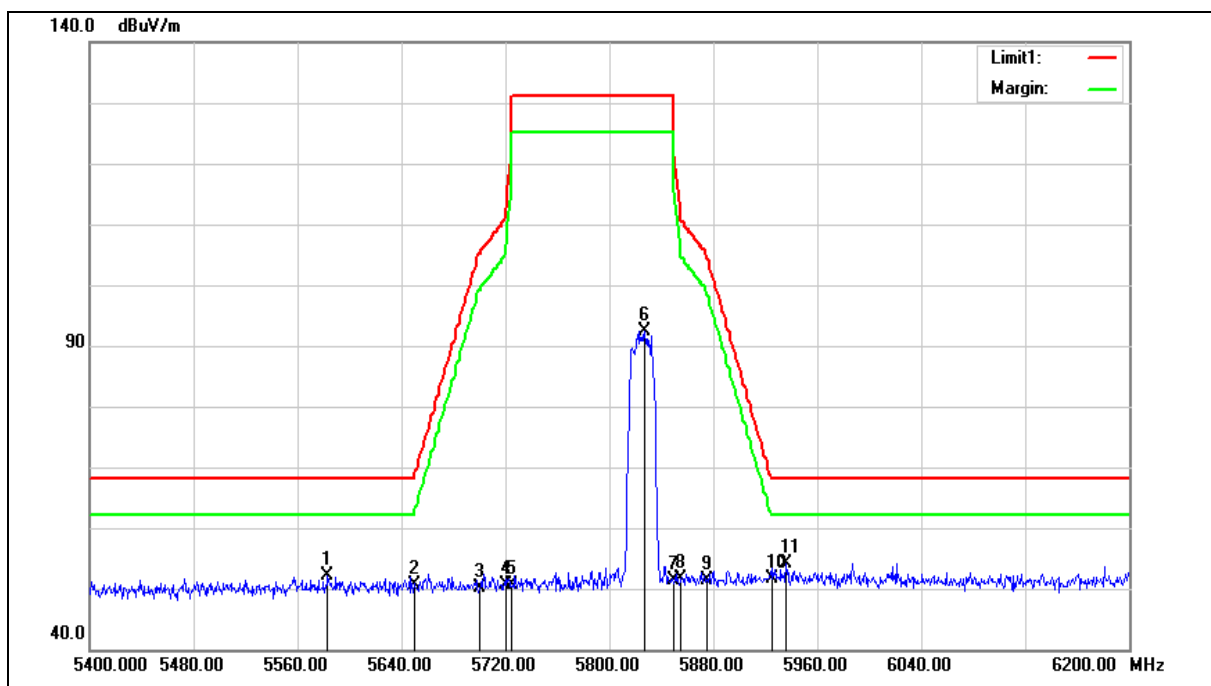
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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 item: Band edge
Frequency: 5825 MHz
Mode: Mode 8
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5583.200	51.35	0.80	52.15	68.20	-16.05	peak
2	5650.000	49.75	0.97	50.72	68.20	-17.48	peak
3	5700.000	48.99	1.11	50.10	105.20	-55.10	peak
4	5720.000	49.53	1.17	50.70	110.80	-60.10	peak
5	5725.000	49.46	1.18	50.64	122.20	-71.56	peak
6	5827.200	91.00	1.45	92.45	--	--	peak
7	5850.000	49.96	1.52	51.48	122.20	-70.72	peak
8	5855.000	50.06	1.53	51.59	110.80	-59.21	peak
9	5875.000	49.79	1.59	51.38	105.20	-53.82	peak
10	5925.000	49.95	1.72	51.67	68.20	-16.53	peak
11	5936.000	52.30	1.74	54.04	68.20	-14.16	peak

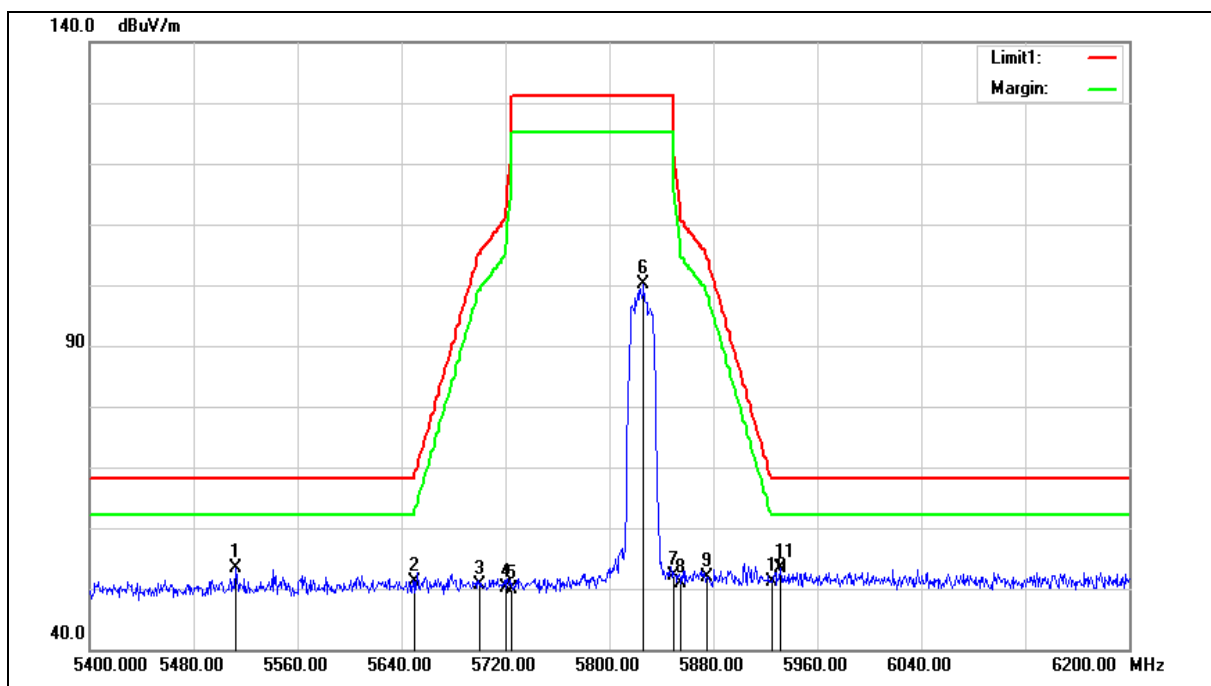
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5825 MHz
Mode: Mode 8
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		

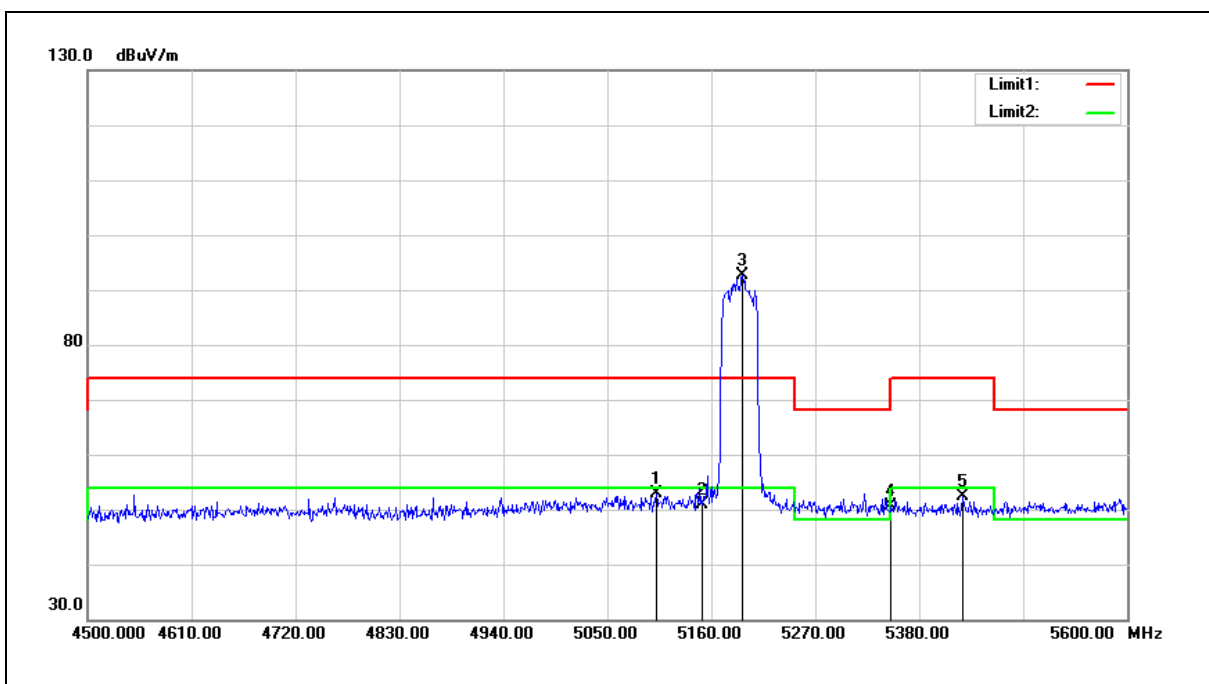
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5512.000	52.78	0.60	53.38	68.20	-14.82	peak
2	5650.000	50.14	0.97	51.11	68.20	-17.09	peak
3	5700.000	49.47	1.11	50.58	105.20	-54.62	peak
4	5720.000	48.90	1.17	50.07	110.80	-60.73	peak
5	5725.000	48.73	1.18	49.91	122.20	-72.29	peak
6	5826.400	98.73	1.45	100.18	--	--	peak
7	5850.000	50.54	1.52	52.06	122.20	-70.14	peak
8	5855.000	49.43	1.53	50.96	110.80	-59.84	peak
9	5875.000	50.41	1.59	52.00	105.20	-53.20	peak
10	5925.000	49.35	1.72	51.07	68.20	-17.13	peak
11	5932.000	51.61	1.74	53.35	68.20	-14.85	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:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



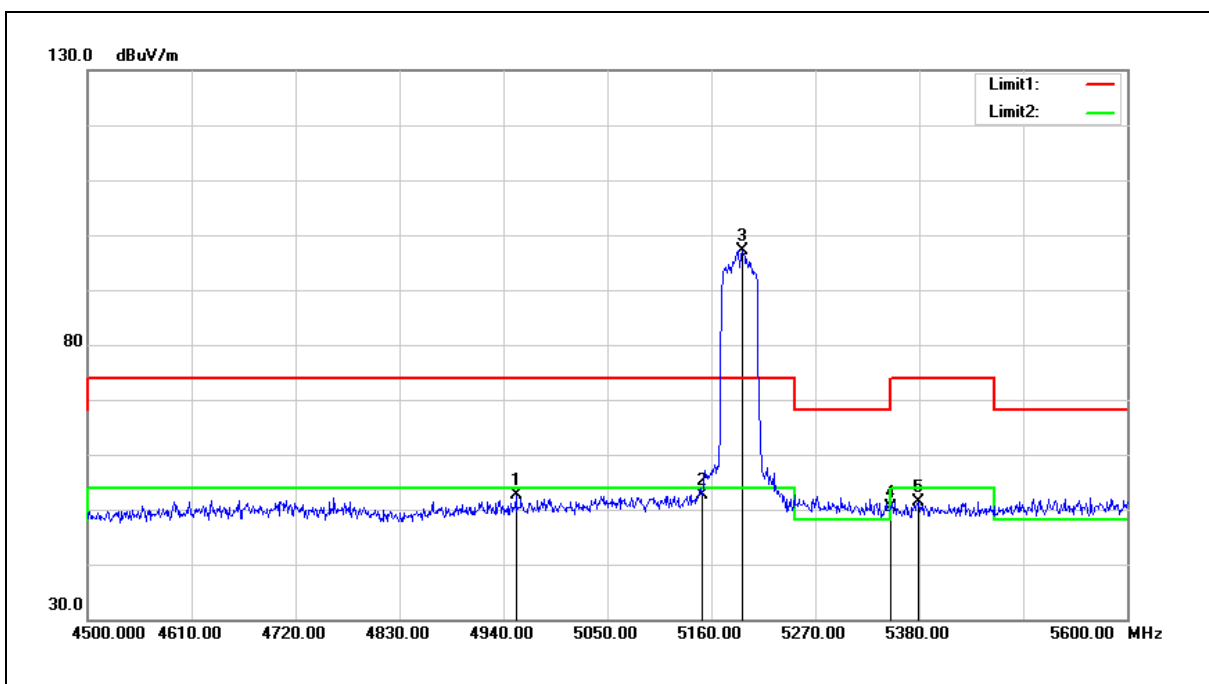
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5101.700	53.10	-0.18	52.92	74.00	-21.08	peak
2	5150.000	50.86	-0.08	50.78	74.00	-23.22	peak
3	5193.000	92.65	0.00	92.65	--	--	peak
4	5350.000	50.41	0.30	50.71	74.00	-23.29	peak
5	5426.200	51.98	0.43	52.41	74.00	-21.59	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



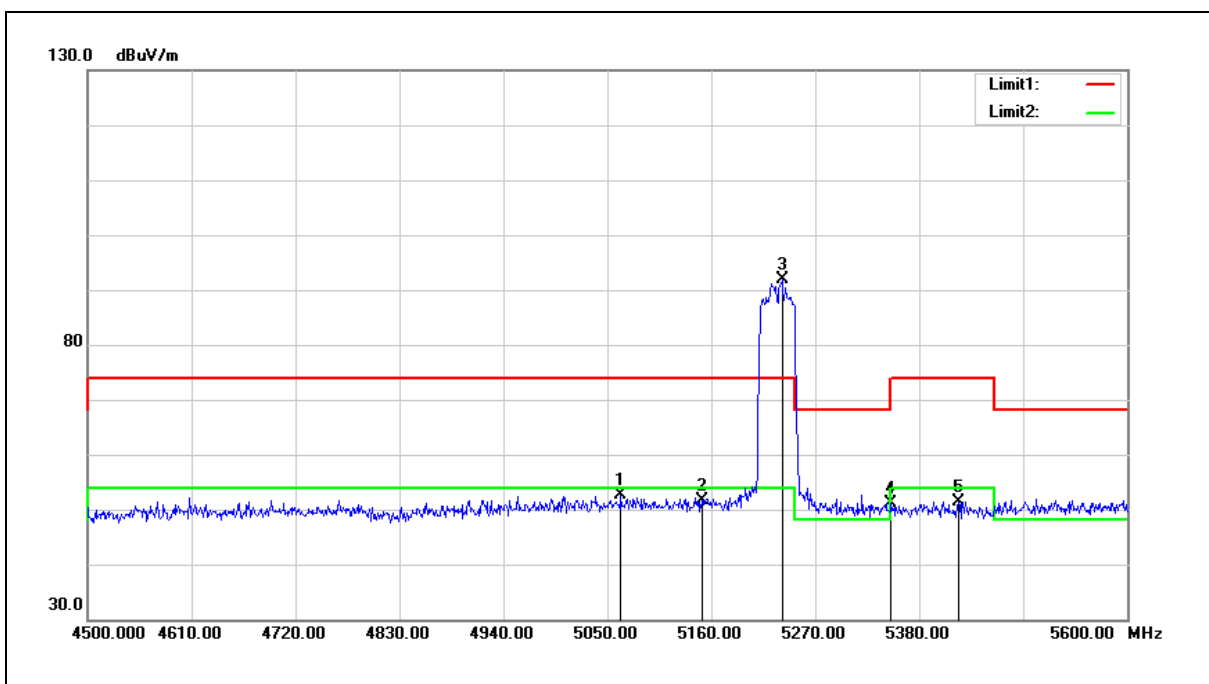
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4953.200	53.19	-0.52	52.67	74.00	-21.33	peak
2	5150.000	52.61	-0.08	52.53	74.00	-21.47	peak
3	5193.000	97.17	0.00	97.17	--	--	peak
4	5350.000	50.09	0.30	50.39	74.00	-23.61	peak
5	5378.900	51.09	0.35	51.44	74.00	-22.56	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



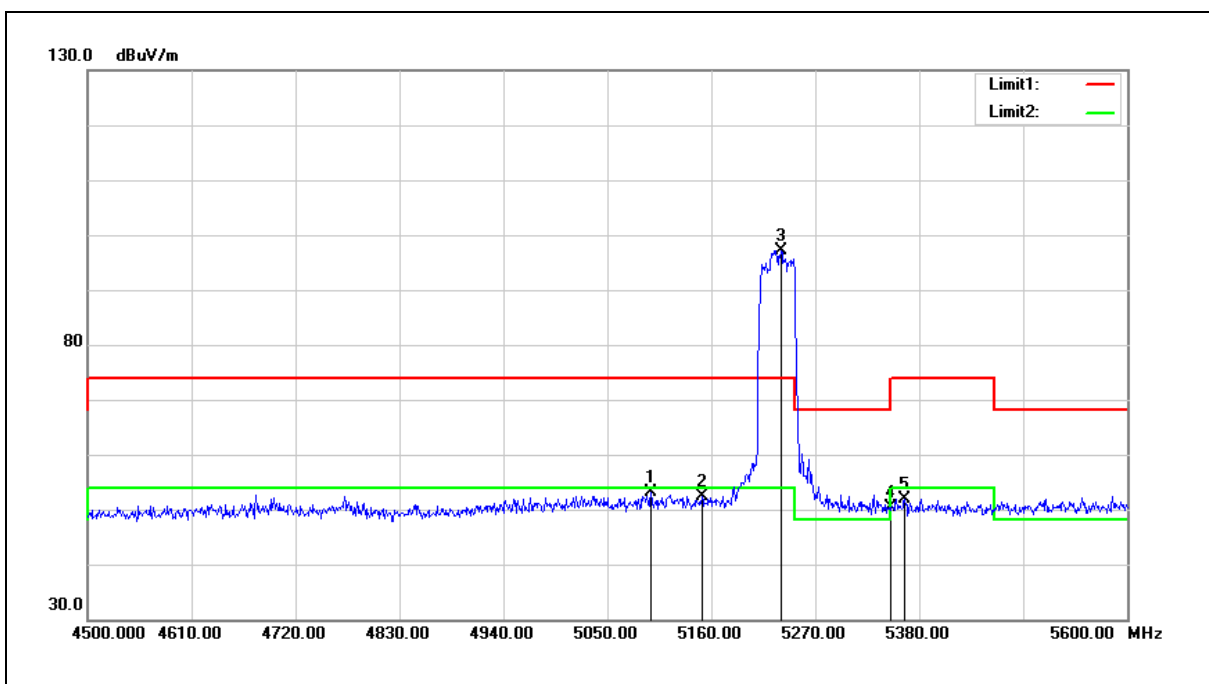
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5064.300	52.84	-0.24	52.60	74.00	-21.40	peak
2	5150.000	51.80	-0.08	51.72	74.00	-22.28	peak
3	5234.800	91.88	0.08	91.96	--	--	peak
4	5350.000	50.92	0.30	51.22	74.00	-22.78	peak
5	5421.800	51.06	0.43	51.49	74.00	-22.51	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:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5096.200	53.24	-0.18	53.06	74.00	-20.94	peak
2	5150.000	52.57	-0.08	52.49	74.00	-21.51	peak
3	5233.700	97.17	0.08	97.25	--	--	peak
4	5350.000	50.01	0.30	50.31	74.00	-23.69	peak
5	5364.600	51.58	0.32	51.90	74.00	-22.10	peak

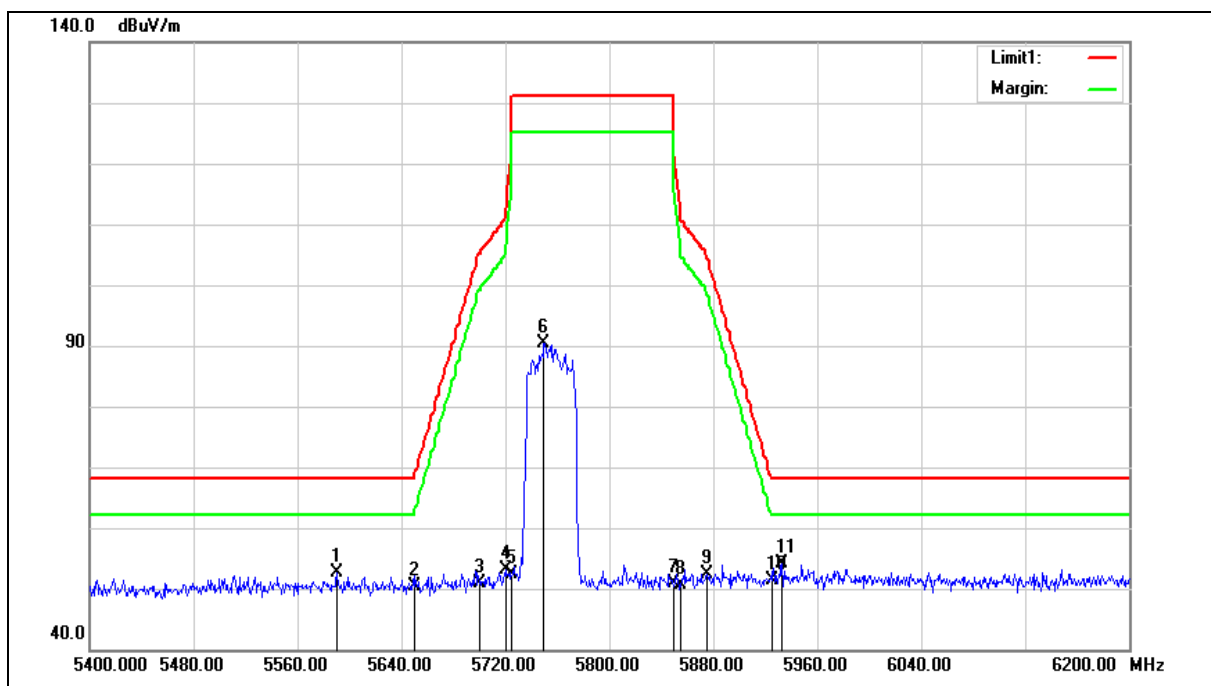
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5755 MHz
Mode: Mode 9
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5590.400	51.78	0.82	52.60	68.20	-15.60	peak
2	5650.000	49.47	0.97	50.44	68.20	-17.76	peak
3	5700.000	49.73	1.11	50.84	105.20	-54.36	peak
4	5720.000	51.88	1.17	53.05	110.80	-57.75	peak
5	5725.000	51.12	1.18	52.30	122.20	-69.90	peak
6	5749.600	89.11	1.25	90.36	--	--	peak
7	5850.000	49.40	1.52	50.92	122.20	-71.28	peak
8	5855.000	49.18	1.53	50.71	110.80	-60.09	peak
9	5875.000	50.87	1.59	52.46	105.20	-52.74	peak
10	5925.000	49.63	1.72	51.35	68.20	-16.85	peak
11	5932.800	52.46	1.74	54.20	68.20	-14.00	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

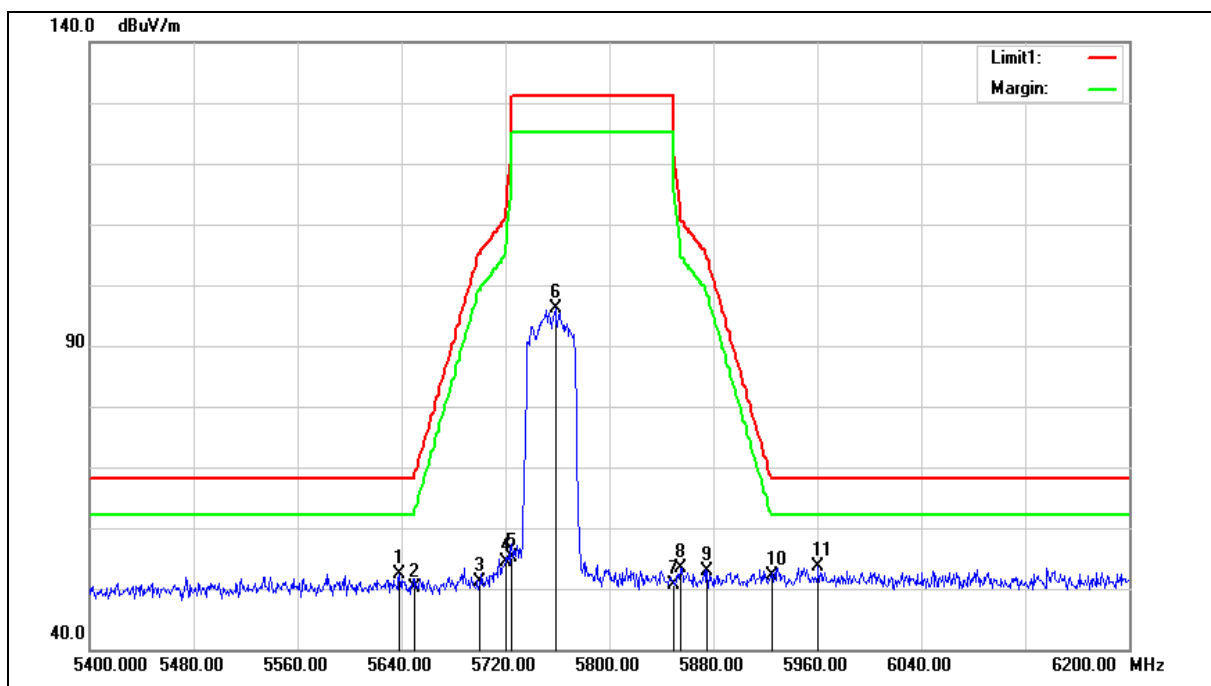
Test Distance: 3 m

Test item: Band edge

Frequency: 5755 MHz

Mode: Mode 9

Ant.Polar.: Vertical



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5638.400	51.38	0.96	52.34	68.20	-15.86	peak
2	5650.000	49.12	0.97	50.09	68.20	-18.11	peak
3	5700.000	50.03	1.11	51.14	105.20	-54.06	peak
4	5720.000	53.14	1.17	54.31	110.80	-56.49	peak
5	5725.000	54.03	1.18	55.21	122.20	-66.99	peak
6	5758.400	94.74	1.27	96.01	--	--	peak
7	5850.000	49.16	1.52	50.68	122.20	-71.52	peak
8	5855.000	51.81	1.53	53.34	110.80	-57.46	peak
9	5875.000	51.20	1.59	52.79	105.20	-52.41	peak
10	5925.000	50.53	1.72	52.25	68.20	-15.95	peak
11	5960.800	51.91	1.81	53.72	68.20	-14.48	peak

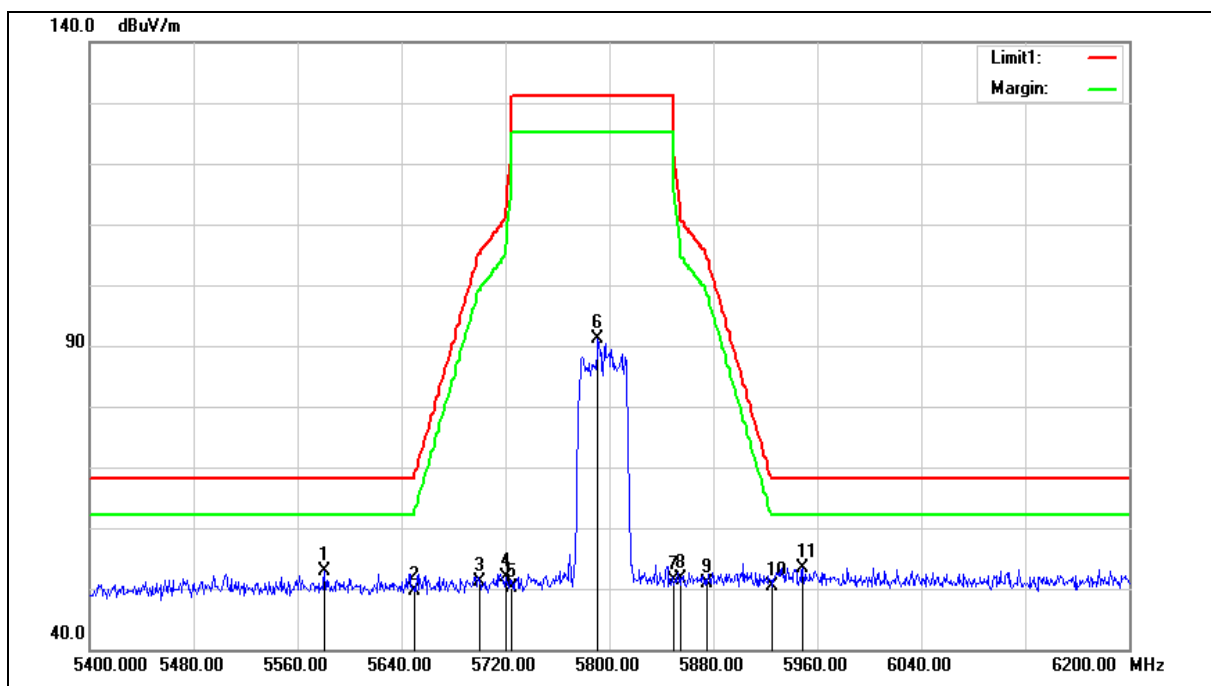
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – 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 9
Ant.Polar.: Horizontal

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5580.800	51.99	0.79	52.78	68.20	-15.42	peak
2	5650.000	48.68	0.97	49.65	68.20	-18.55	peak
3	5700.000	50.01	1.11	51.12	105.20	-54.08	peak
4	5720.000	50.64	1.17	51.81	110.80	-58.99	peak
5	5725.000	48.92	1.18	50.10	122.20	-72.10	peak
6	5791.200	89.80	1.36	91.16	--	--	peak
7	5850.000	49.92	1.52	51.44	122.20	-70.76	peak
8	5855.000	49.99	1.53	51.52	110.80	-59.28	peak
9	5875.000	49.33	1.59	50.92	105.20	-54.28	peak
10	5925.000	48.71	1.72	50.43	68.20	-17.77	peak
11	5948.800	51.67	1.78	53.45	68.20	-14.75	peak

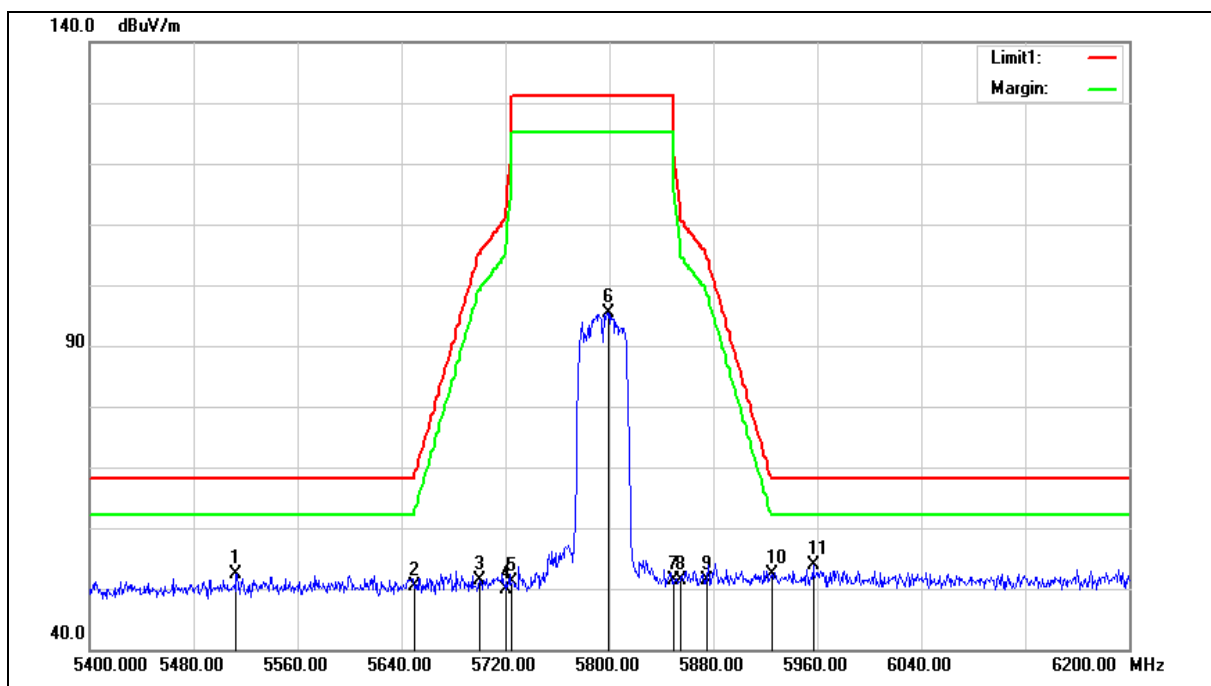
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

Standard: LP0002
Test item: Band edge
Frequency: 5795 MHz
Mode: Mode 9
Ant.Polar.: Vertical

Test Distance: 3 m



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

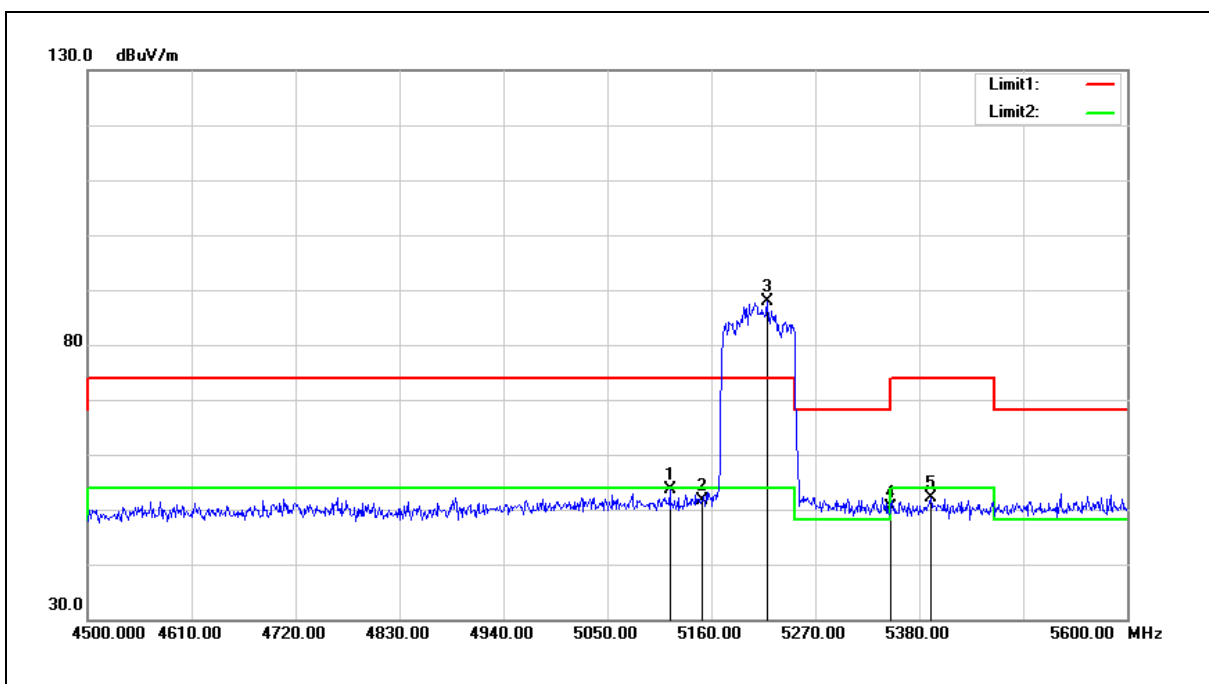
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5512.800	51.82	0.61	52.43	68.20	-15.77	peak
2	5650.000	49.34	0.97	50.31	68.20	-17.89	peak
3	5700.000	50.35	1.11	51.46	105.20	-53.74	peak
4	5720.000	48.83	1.17	50.00	110.80	-60.80	peak
5	5725.000	49.89	1.18	51.07	122.20	-71.13	peak
6	5799.200	94.04	1.38	95.42	--	--	peak
7	5850.000	49.75	1.52	51.27	122.20	-70.93	peak
8	5855.000	49.97	1.53	51.50	110.80	-59.30	peak
9	5875.000	49.71	1.59	51.30	105.20	-53.90	peak
10	5925.000	50.74	1.72	52.46	68.20	-15.74	peak
11	5956.800	52.07	1.81	53.88	68.20	-14.32	peak

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

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

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

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



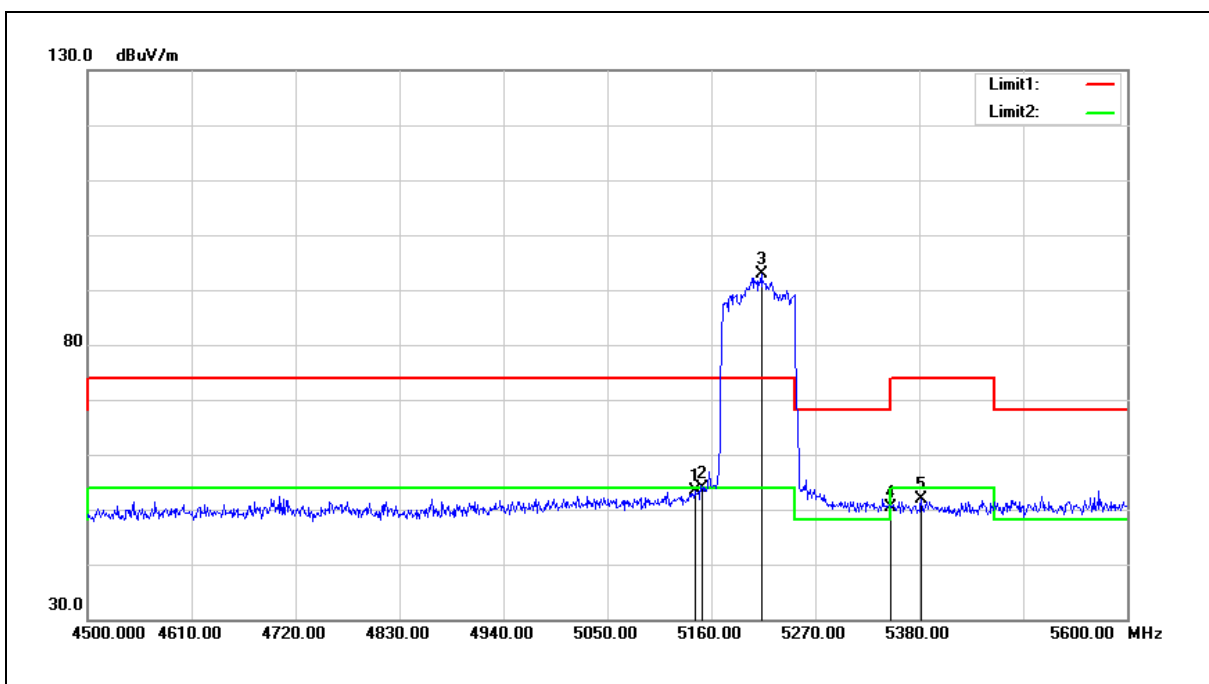
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5116.000	53.77	-0.15	53.62	74.00	-20.38	peak
2	5150.000	51.60	-0.08	51.52	74.00	-22.48	peak
3	5219.400	87.79	0.05	87.84	--	--	peak
4	5350.000	50.20	0.30	50.50	74.00	-23.50	peak
5	5392.100	51.83	0.37	52.20	74.00	-21.80	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:	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	5142.400	53.50	-0.10	53.40	74.00	-20.60	peak
2	5150.000	53.91	-0.08	53.83	74.00	-20.17	peak
3	5212.800	92.73	0.04	92.77	--	--	peak
4	5350.000	50.06	0.30	50.36	74.00	-23.64	peak
5	5382.200	51.53	0.36	51.89	74.00	-22.11	peak

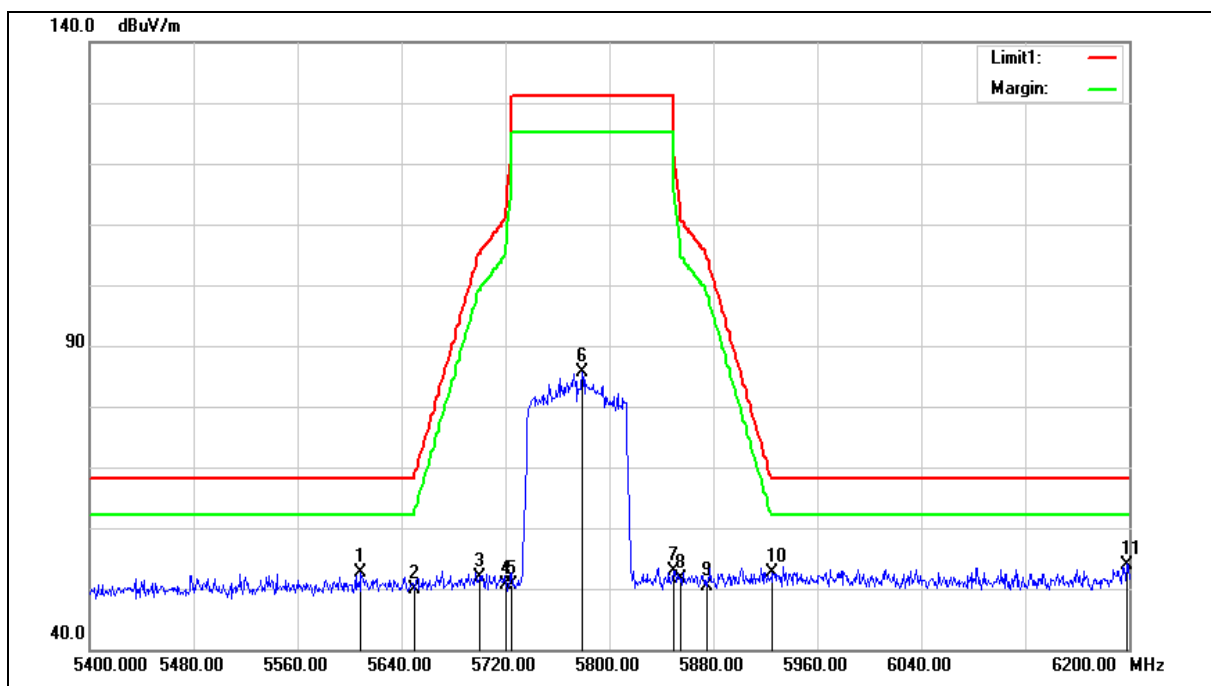
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

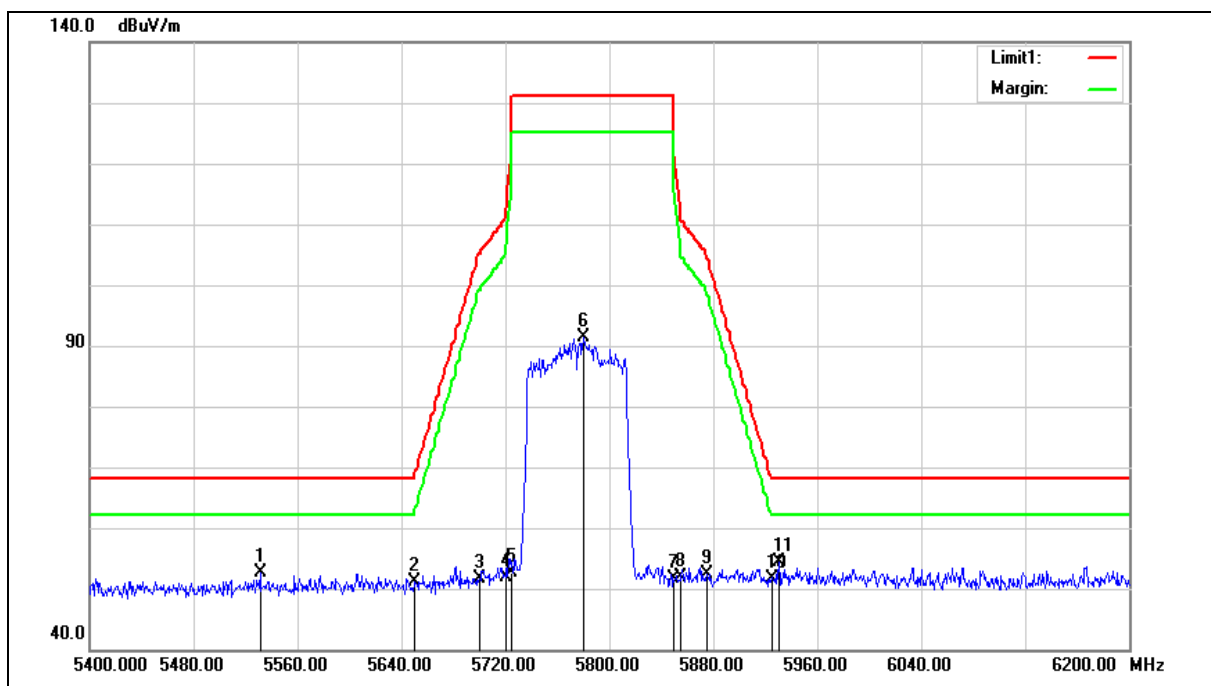
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5608.800	51.69	0.86	52.55	68.20	-15.65	peak
2	5650.000	49.01	0.97	49.98	68.20	-18.22	peak
3	5700.000	50.72	1.11	51.83	105.20	-53.37	peak
4	5720.000	49.44	1.17	50.61	110.80	-60.19	peak
5	5725.000	49.51	1.18	50.69	122.20	-71.51	peak
6	5779.200	84.38	1.33	85.71	--	--	peak
7	5850.000	51.28	1.52	52.80	122.20	-69.40	peak
8	5855.000	50.21	1.53	51.74	110.80	-59.06	peak
9	5875.000	48.83	1.59	50.42	105.20	-54.78	peak
10	5925.000	51.00	1.72	52.72	68.20	-15.48	peak
11	6198.400	51.32	2.68	54.00	68.20	-14.20	peak

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

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

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

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



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	5531.200	52.00	0.66	52.66	68.20	-15.54	peak
2	5650.000	50.25	0.97	51.22	68.20	-16.98	peak
3	5700.000	50.58	1.11	51.69	105.20	-53.51	peak
4	5720.000	50.72	1.17	51.89	110.80	-58.91	peak
5	5725.000	51.50	1.18	52.68	122.20	-69.52	peak
6	5780.000	89.95	1.33	91.28	--	--	peak
7	5850.000	50.17	1.52	51.69	122.20	-70.51	peak
8	5855.000	50.27	1.53	51.80	110.80	-59.00	peak
9	5875.000	50.70	1.59	52.29	105.20	-52.91	peak
10	5925.000	49.82	1.72	51.54	68.20	-16.66	peak
11	5930.400	52.75	1.74	54.49	68.20	-13.71	peak

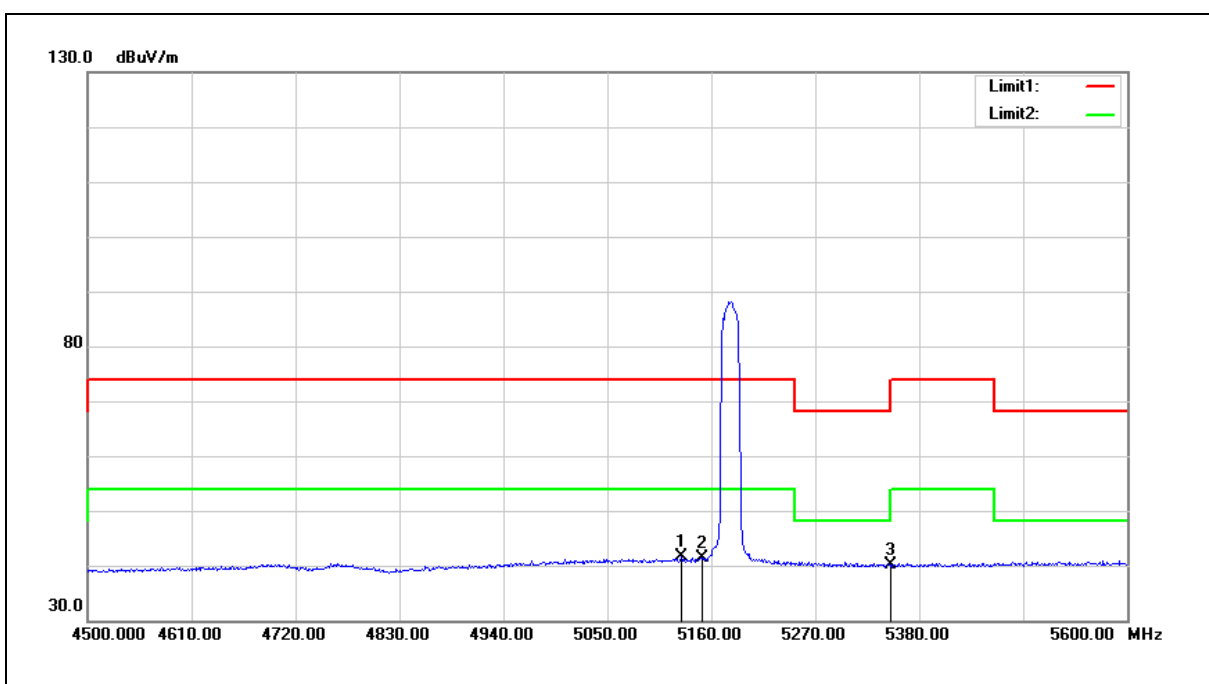
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

Average

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



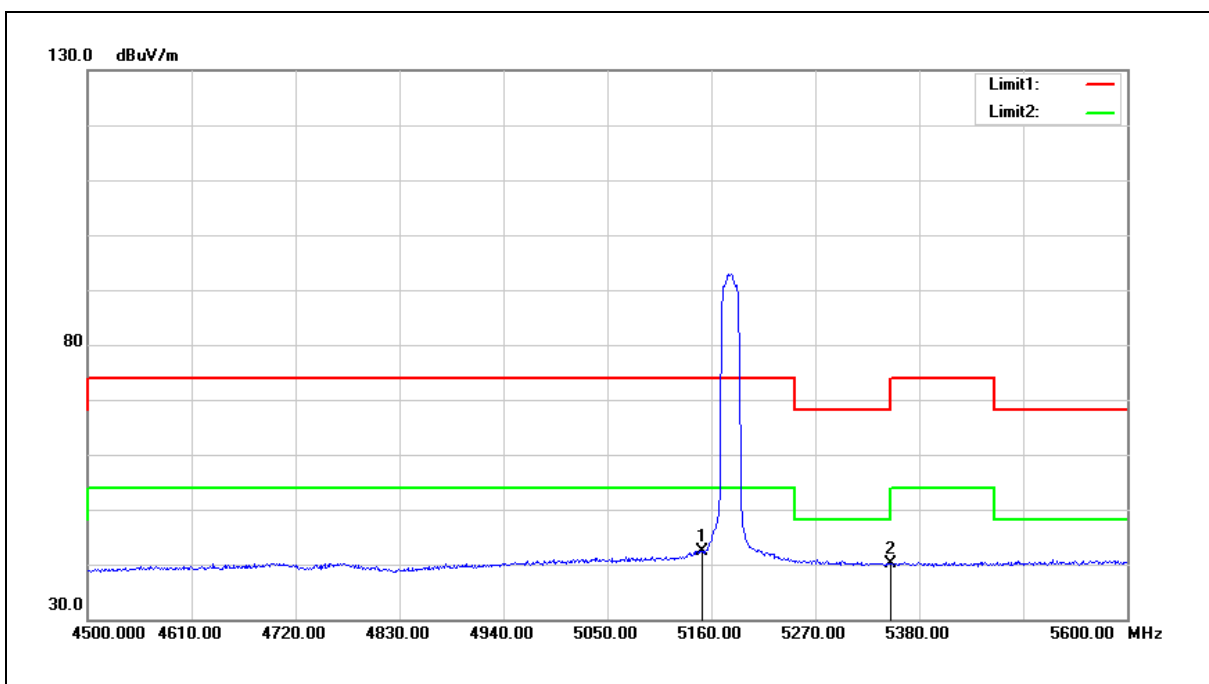
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.100	41.77	-0.13	41.64	54.00	-12.36	AVG
2	5150.000	41.43	-0.08	41.35	54.00	-12.65	AVG
3	5350.000	39.94	0.30	40.24	54.00	-13.76	AVG

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:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



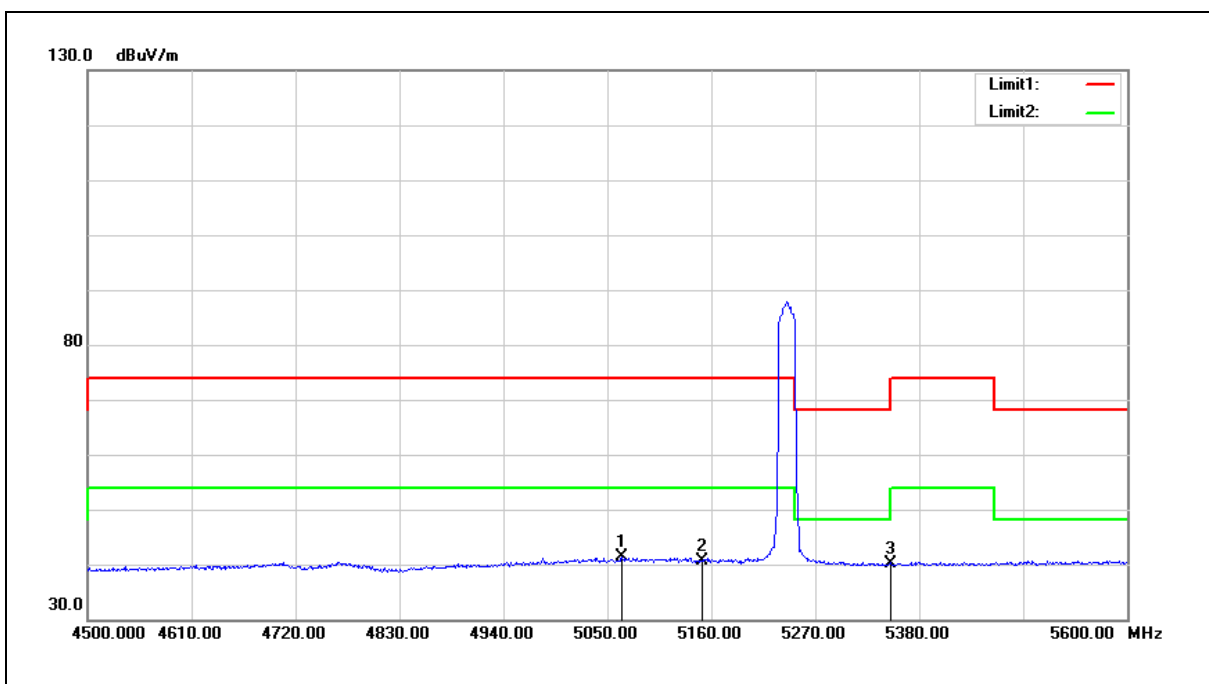
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	42.57	-0.08	42.49	54.00	-11.51	AVG
2	5350.000	39.79	0.30	40.09	54.00	-13.91	AVG

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:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



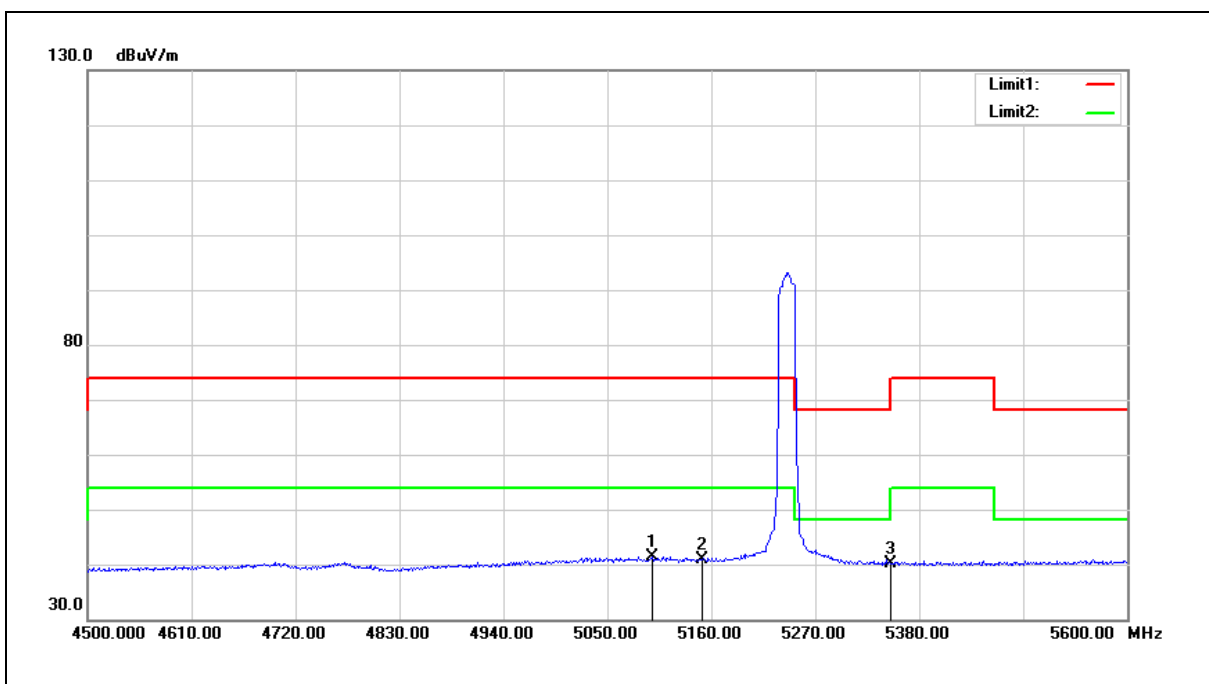
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5065.400	41.50	-0.24	41.26	54.00	-12.74	AVG
2	5150.000	40.69	-0.08	40.61	54.00	-13.39	AVG
3	5350.000	39.79	0.30	40.09	54.00	-13.91	AVG

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



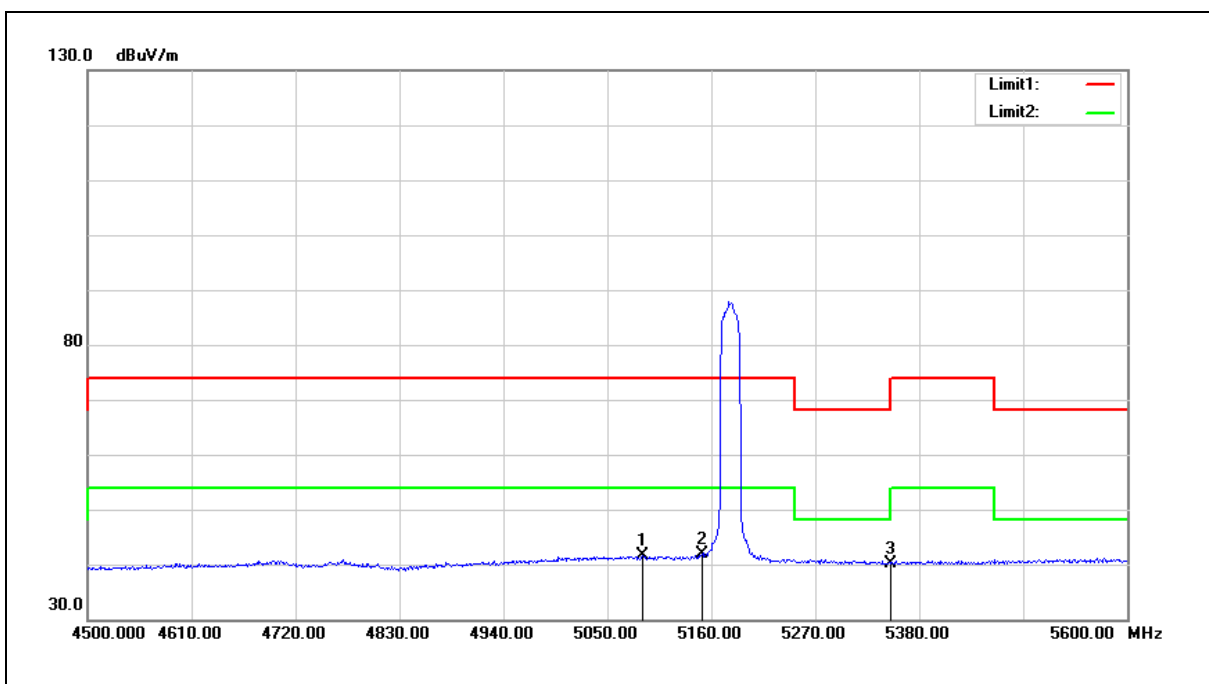
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5097.300	41.66	-0.18	41.48	54.00	-12.52	AVG
2	5150.000	40.84	-0.08	40.76	54.00	-13.24	AVG
3	5350.000	39.76	0.30	40.06	54.00	-13.94	AVG

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 8		
Ant.Polar.:	Horizontal		



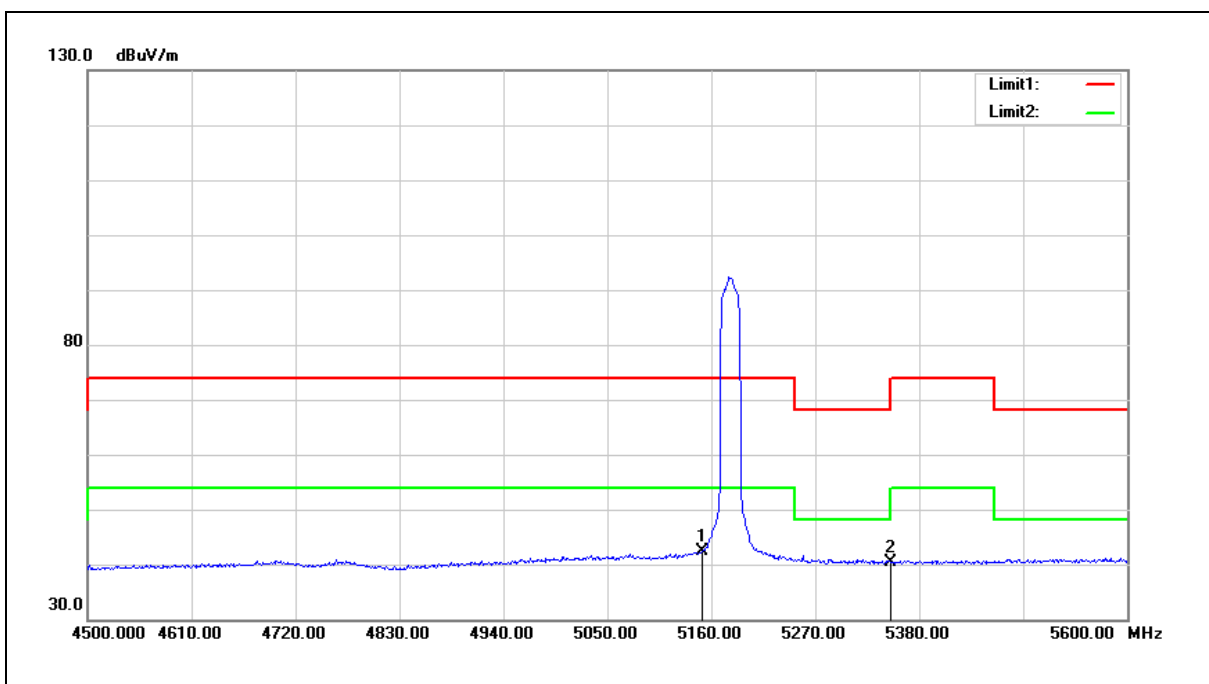
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5087.400	41.75	-0.20	41.55	54.00	-12.45	AVG
2	5150.000	41.86	-0.08	41.78	54.00	-12.22	AVG
3	5350.000	39.89	0.30	40.19	54.00	-13.81	AVG

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 8		
Ant.Polar.:	Vertical		



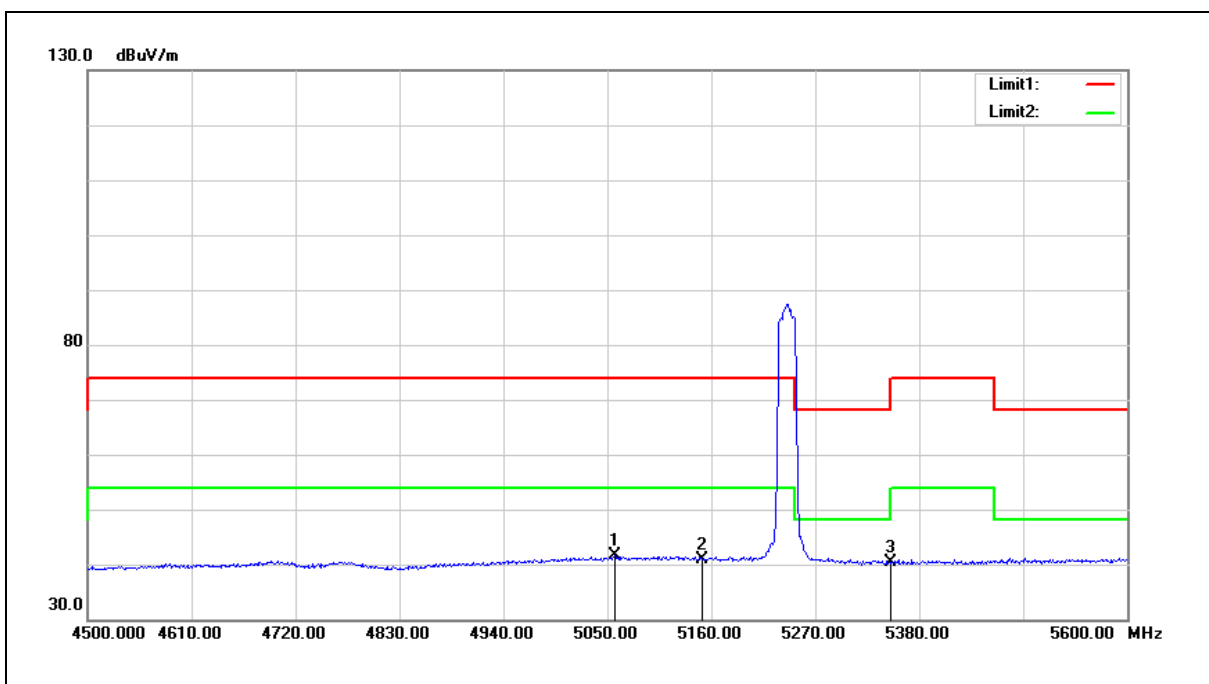
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	42.53	-0.08	42.45	54.00	-11.55	AVG
2	5350.000	40.05	0.30	40.35	54.00	-13.65	AVG

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 8		
Ant.Polar.:	Horizontal		



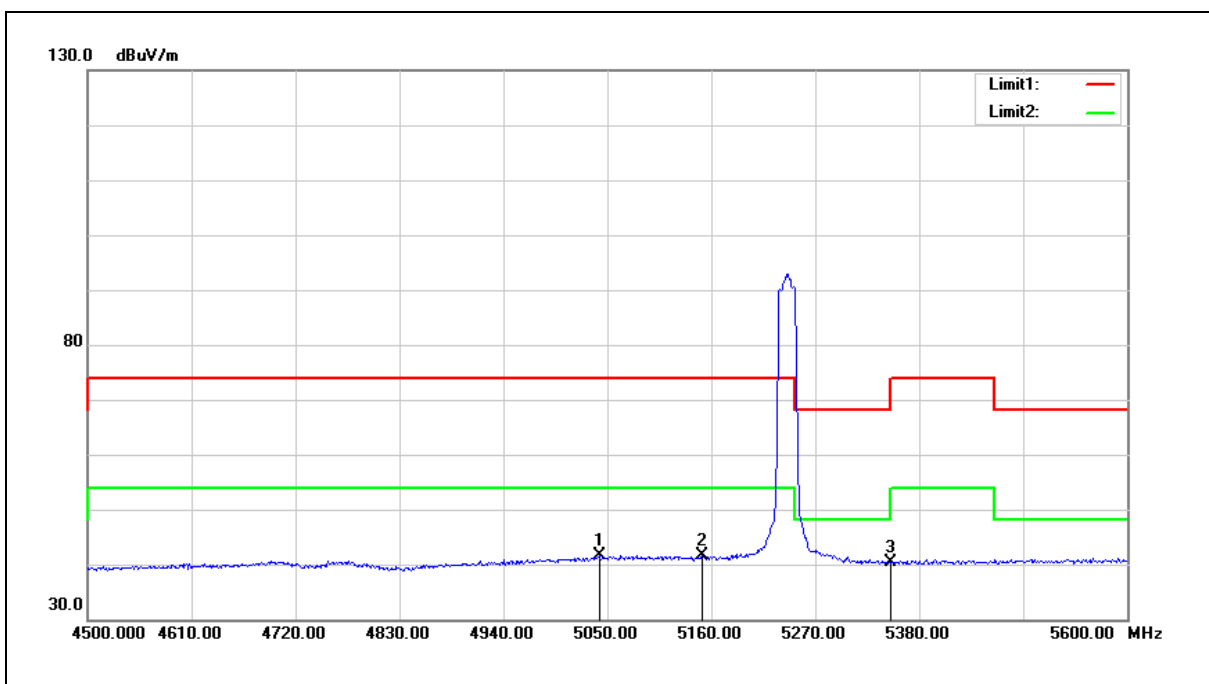
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5057.700	41.89	-0.25	41.64	54.00	-12.36	AVG
2	5150.000	41.04	-0.08	40.96	54.00	-13.04	AVG
3	5350.000	40.04	0.30	40.34	54.00	-13.66	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



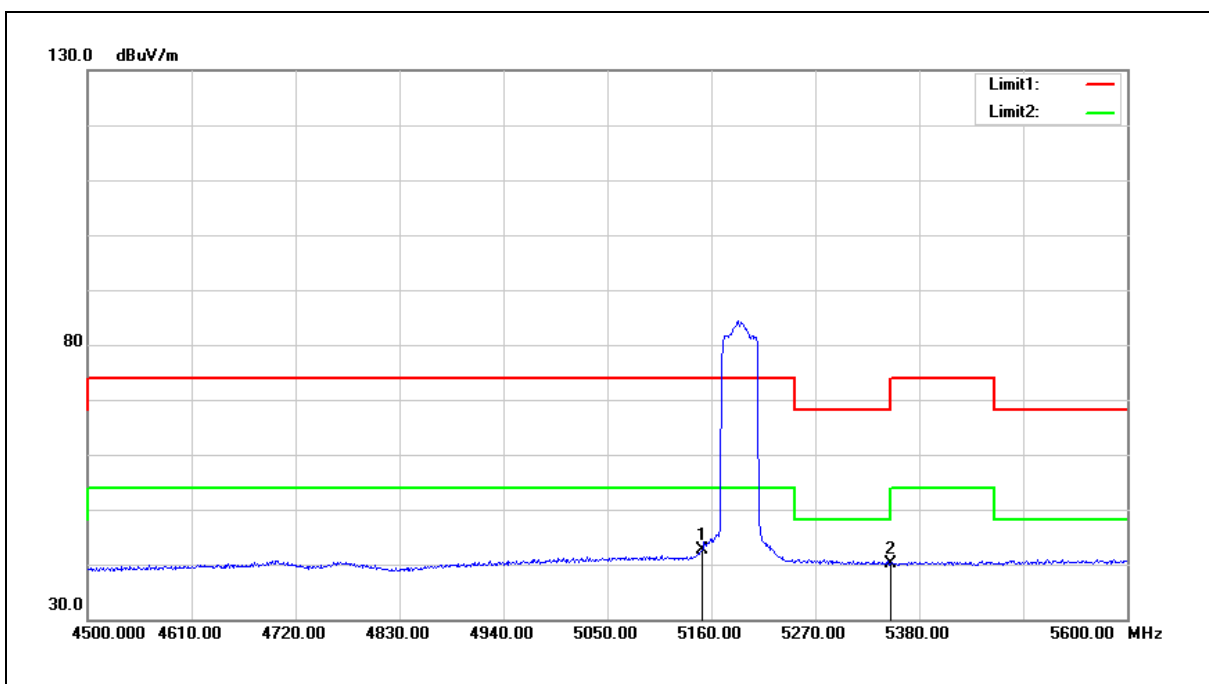
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5041.200	42.00	-0.29	41.71	54.00	-12.29	AVG
2	5150.000	41.66	-0.08	41.58	54.00	-12.42	AVG
3	5350.000	40.08	0.30	40.38	54.00	-13.62	AVG

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 9		
Ant.Polar.:	Horizontal		



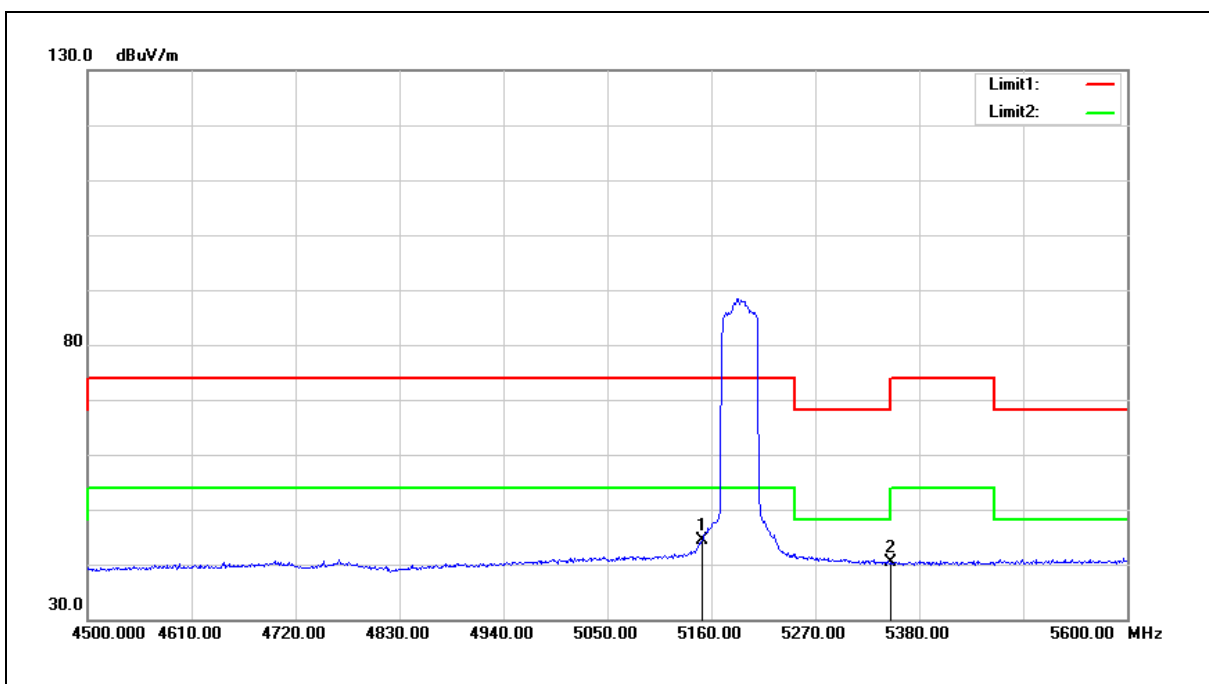
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	42.65	-0.08	42.57	54.00	-11.43	AVG
2	5350.000	39.71	0.30	40.01	54.00	-13.99	AVG

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:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



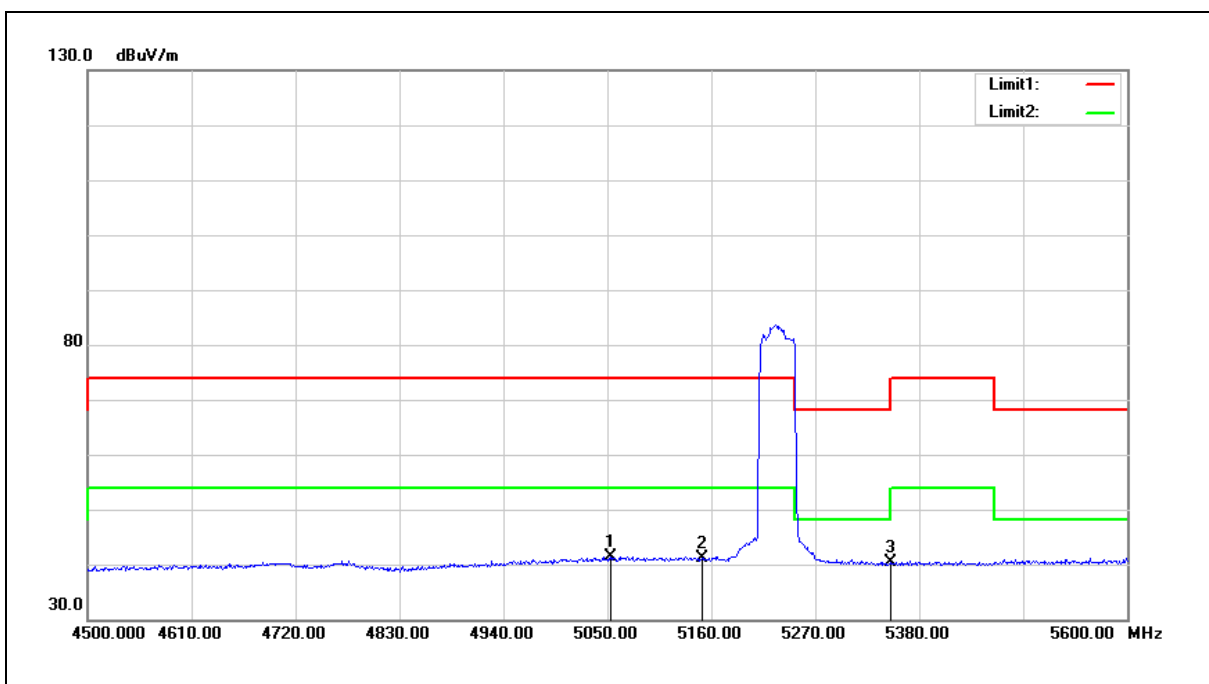
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	44.43	-0.08	44.35	54.00	-9.65	AVG
2	5350.000	40.10	0.30	40.40	54.00	-13.60	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



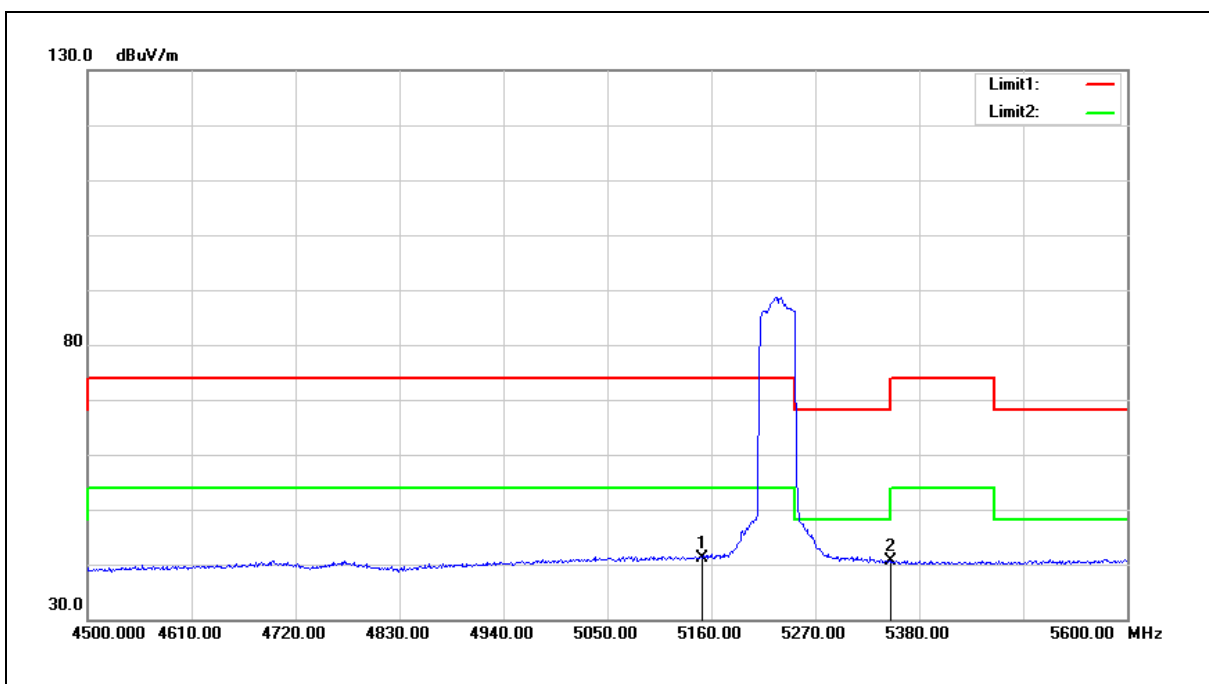
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5053.300	41.68	-0.26	41.42	54.00	-12.58	AVG
2	5150.000	41.21	-0.08	41.13	54.00	-12.87	AVG
3	5350.000	40.01	0.30	40.31	54.00	-13.69	AVG

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:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



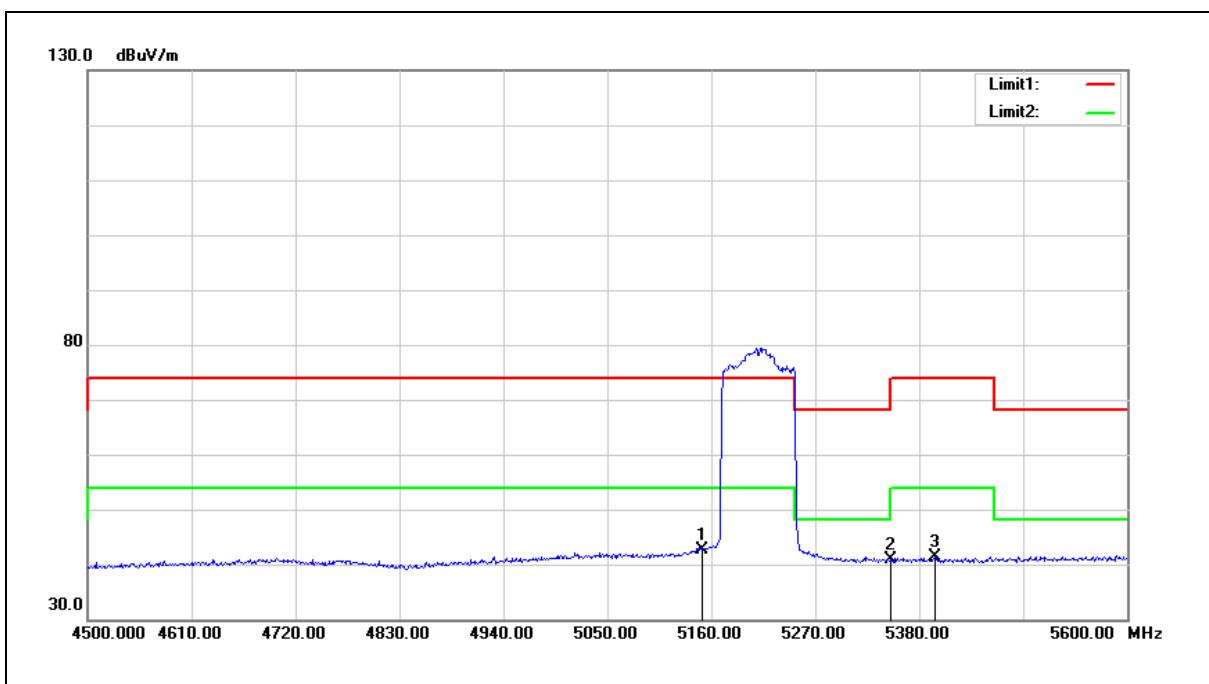
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	41.23	-0.08	41.15	54.00	-12.85	AVG
2	5350.000	40.35	0.30	40.65	54.00	-13.35	AVG

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.

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



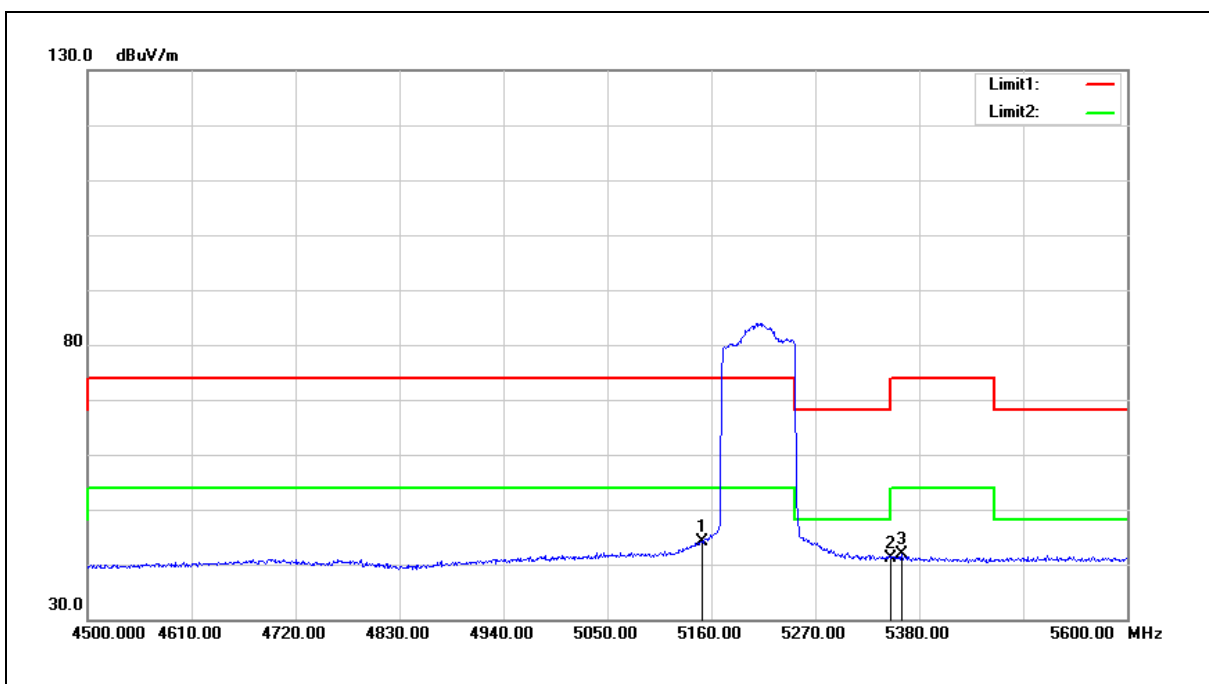
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	42.62	-0.08	42.54	54.00	-11.46	AVG
2	5350.000	40.61	0.30	40.91	54.00	-13.09	AVG
3	5396.500	41.10	0.38	41.48	54.00	-12.52	AVG

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:	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	5150.000	44.14	-0.08	44.06	54.00	-9.94	AVG
2	5350.000	40.86	0.30	41.16	54.00	-12.84	AVG
3	5361.300	41.46	0.31	41.77	54.00	-12.23	AVG

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

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

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

Annex E. Conducted Test Results (5 GHz)

Maximum Conducted Output Power

操作模式	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)		
				ANT-0		Limit (dBm)
				dBm	W	
Mode 5	6	36	5180	7.92	0.006	≤ 23.65
		40	5200	8.18	0.007	≤ 23.65
		44	5220	8.14	0.007	≤ 23.65
		48	5240	8.58	0.007	≤ 23.65
		149	5745	7.78	0.006	≤ 29.65
		153	5765	7.57	0.006	≤ 29.65
		157	5785	7.61	0.006	≤ 29.65
		161	5805	7.55	0.006	≤ 29.65
		165	5825	8.31	0.007	≤ 29.65
Mode 6	6.5	36	5180	7.25	0.005	≤ 23.65
		40	5200	7.74	0.006	≤ 23.65
		44	5220	7.69	0.006	≤ 23.65
		48	5240	6.84	0.005	≤ 23.65
		149	5745	6.98	0.005	≤ 29.65
		153	5765	6.95	0.005	≤ 29.65
		157	5785	6.99	0.005	≤ 29.65
		161	5805	6.81	0.005	≤ 29.65
		165	5825	6.73	0.005	≤ 29.65
Mode 7	13.5	38	5190	7.17	0.005	≤ 23.65
		46	5230	7.40	0.005	≤ 23.65
		151	5755	6.60	0.005	≤ 29.65
		159	5795	6.68	0.005	≤ 29.65
Mode 8	6.5	36	5180	7.39	0.005	≤ 23.65
		40	5200	7.89	0.006	≤ 23.65
		44	5220	7.85	0.006	≤ 23.65
		48	5240	6.93	0.005	≤ 23.65
		149	5745	7.30	0.005	≤ 29.65
		153	5765	7.11	0.005	≤ 29.65
		157	5785	7.13	0.005	≤ 29.65
		161	5805	7.10	0.005	≤ 29.65
		165	5825	6.81	0.005	≤ 29.65
Mode 9	13.5	38	5190	7.31	0.005	≤ 23.65
		46	5230	7.59	0.006	≤ 23.65
		151	5755	6.85	0.005	≤ 29.65
		159	5795	6.91	0.005	≤ 29.65
Mode 10	29.3	42	5210	5.19	0.003	≤ 23.65
		155	5775	4.79	0.003	≤ 29.65

Maximum Power Spectral Density

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 5	36	5180	-2.531	0.021	-2.510	10.65
	40	5200	-2.293	0.021	-2.272	10.65
	48	5240	-1.884	0.021	-1.863	10.65
Mode 8	36	5180	-3.267	0.036	-3.231	10.65
	40	5200	-2.977	0.036	-2.941	10.65
	48	5240	-3.880	0.036	-3.844	10.65
Mode 9	38	5190	-6.566	0.017	-6.549	10.65
	46	5230	-6.129	0.017	-6.112	10.65
Mode 10	42	5210	-11.386	0.075	-11.311	10.65

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100 kHz)	Duty Factor (dB)	轉換值 (dBm/500 kHz)	限制值 (dBm/500 kHz)
Mode 5	149	5745	-10.964	0.021	-3.953	29.65
	157	5785	-11.370	0.021	-4.359	29.65
	165	5825	-10.494	0.021	-3.483	29.65
Mode 8	149	5745	-11.945	0.036	-4.920	29.65
	157	5785	-12.255	0.036	-5.230	29.65
	165	5825	-12.529	0.036	-5.504	29.65
Mode 9	151	5755	-15.481	0.017	-8.474	29.65
	159	5795	-15.432	0.017	-8.425	29.65
Mode 10	155	5775	-20.422	0.075	-13.358	29.65

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Conversion ration = 10*Log (500 kHz/100 kHz)

Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

5180



5200



5240



Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

5745



5785



5825



Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

5180



5200

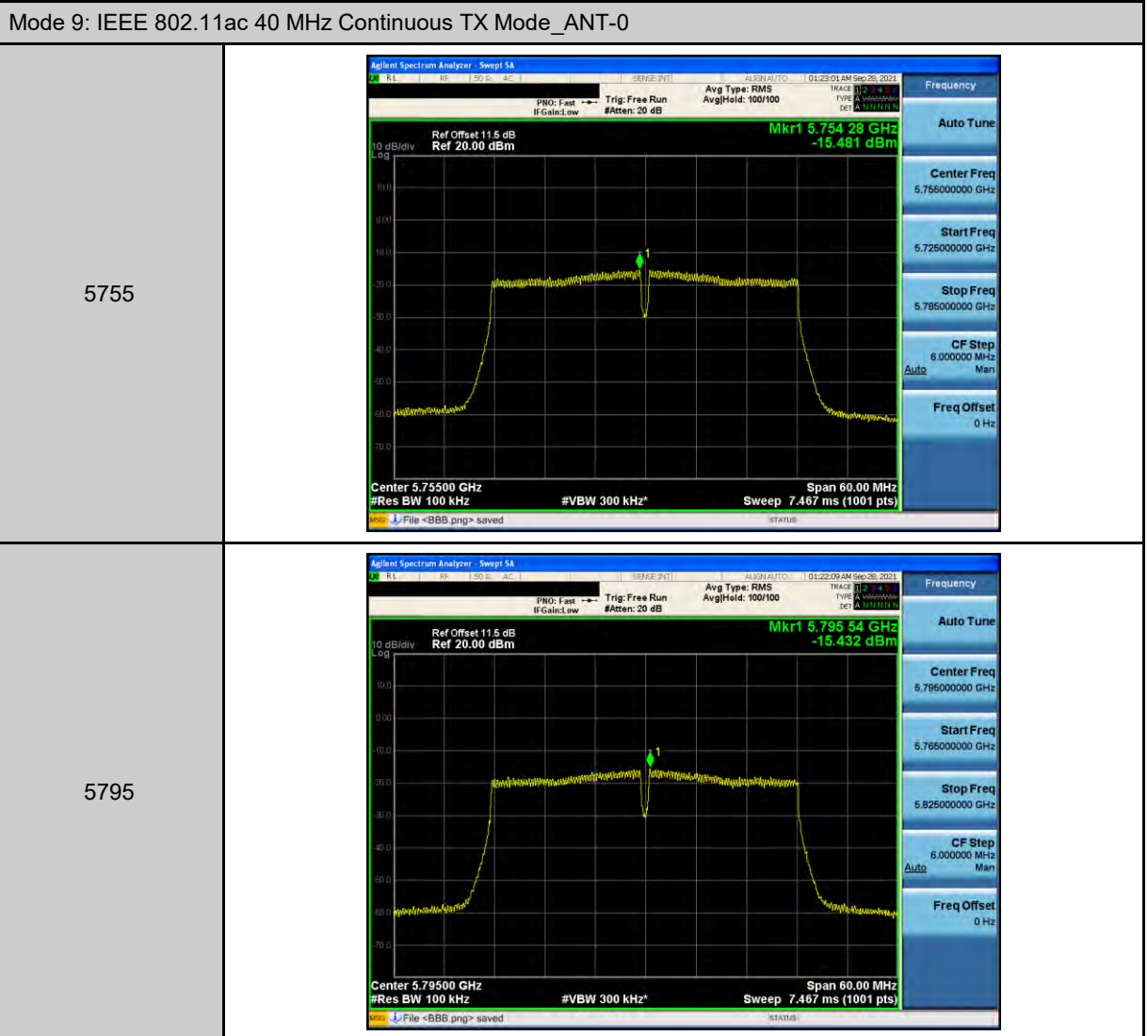


5240



Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5745	
5785	
5825	

Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5190	 Agilent Spectrum Analyzer - Sweep 5A Ref Offset: 11.5 dB Ref: 20.00 dBm Mkr1 5.188 44 GHz -6.566 dBm Center 5.19000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 60.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.190000000 GHz Start Freq 5.160000000 GHz Stop Freq 5.220000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz
5230	 Agilent Spectrum Analyzer - Sweep 5A Ref Offset: 11.5 dB Ref: 20.00 dBm Mkr1 5.231 56 GHz -8.129 dBm Center 5.23000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 60.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved Frequency Auto Tune Center Freq 5.230000000 GHz Start Freq 5.200000000 GHz Stop Freq 5.260000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz



Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0

5210



Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0

5775

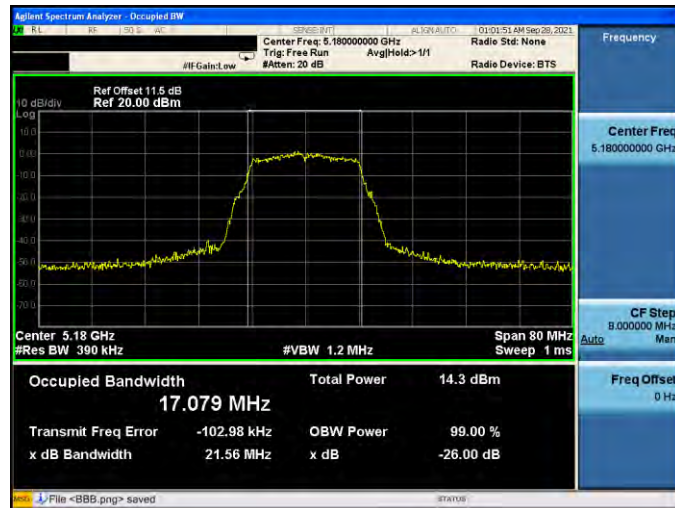


26 dB Bandwidth

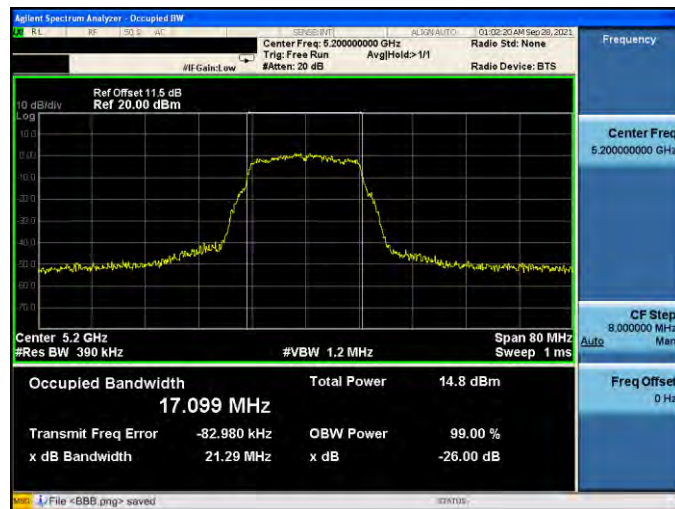
操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)
			ANT-0
Mode 5	36	5180	21.560
	40	5200	21.290
	48	5240	21.460
Mode 8	36	5180	21.720
	40	5200	21.770
	48	5240	21.550
Mode 9	38	5190	40.570
	46	5230	39.930
Mode 10	42	5210	82.220

Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

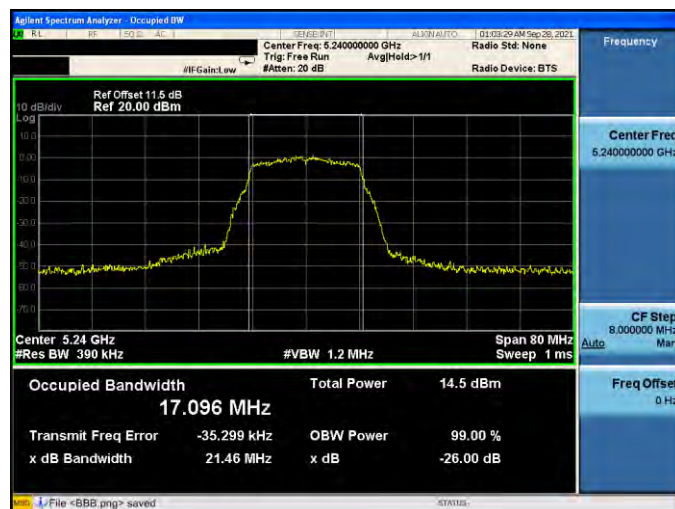
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5200

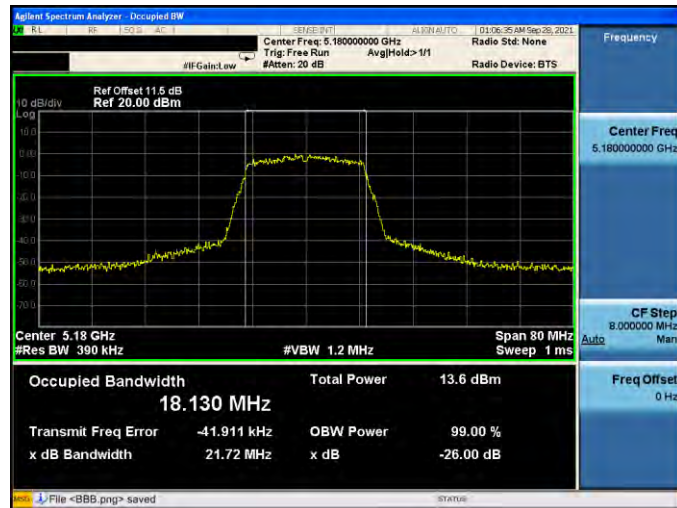


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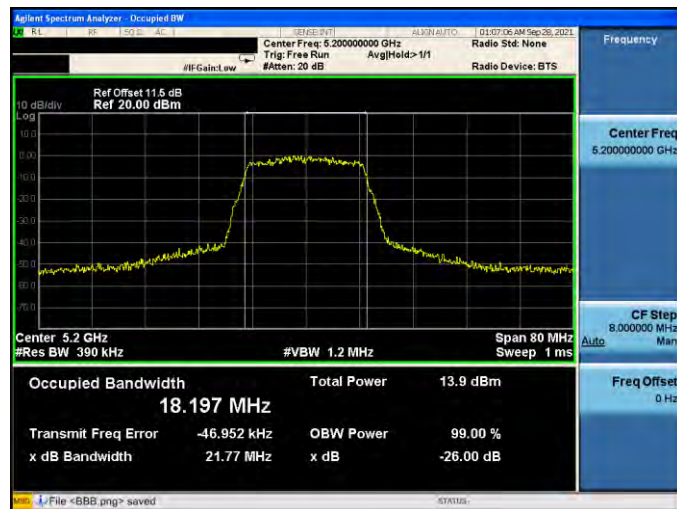


Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

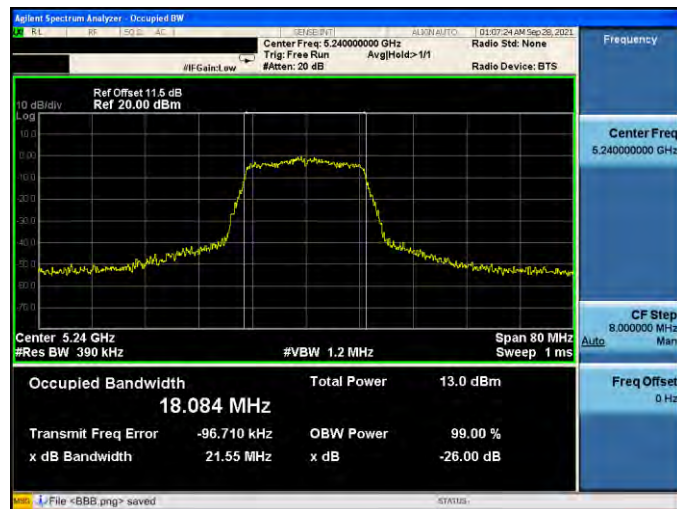
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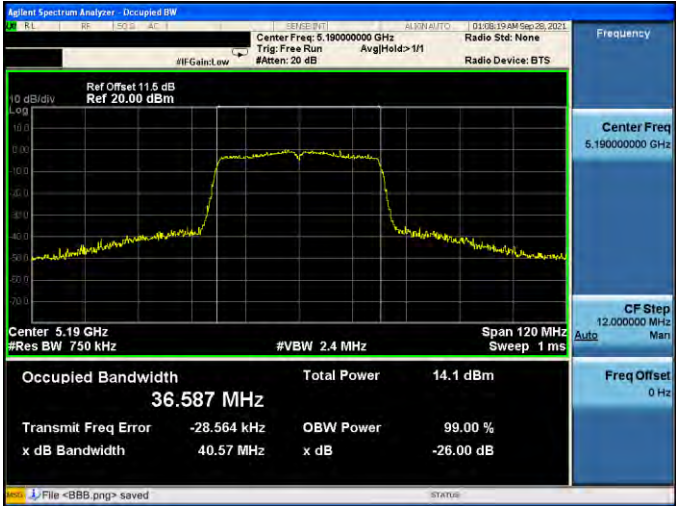


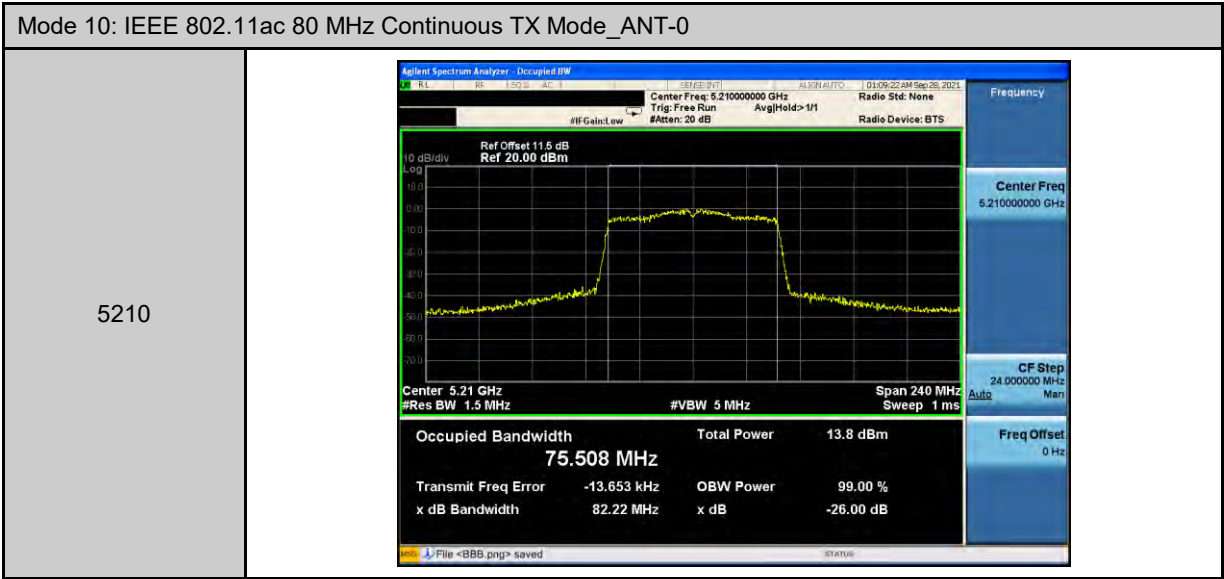
5200



5240



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5190	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.190000000 GHz Ref Offset: 11.5 dB Ref: 20.00 dBm Occupied Bandwidth: 36.587 MHz Total Power: 14.1 dBm Transmit Freq Error: -28.564 kHz OBW Power: 99.00 % x dB Bandwidth: 40.57 MHz x dB: -26.00 dB
5230	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.230000000 GHz Ref Offset: 11.5 dB Ref: 20.00 dBm Occupied Bandwidth: 36.362 MHz Total Power: 14.2 dBm Transmit Freq Error: -102.76 kHz OBW Power: 99.00 % x dB Bandwidth: 39.93 MHz x dB: -26.00 dB

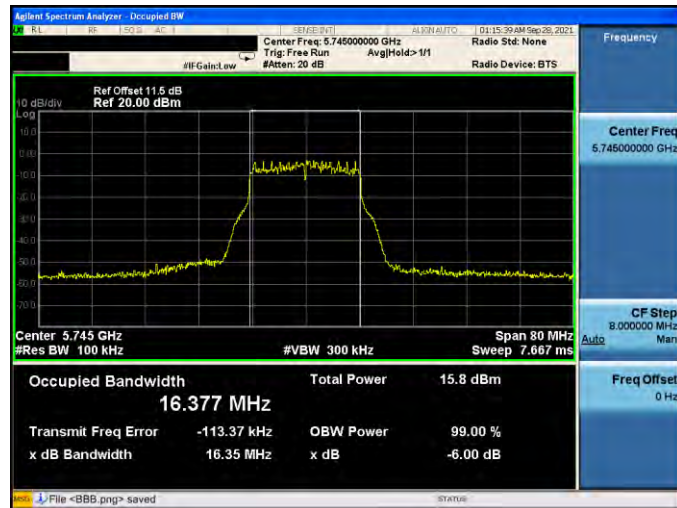


6 dB Bandwidth

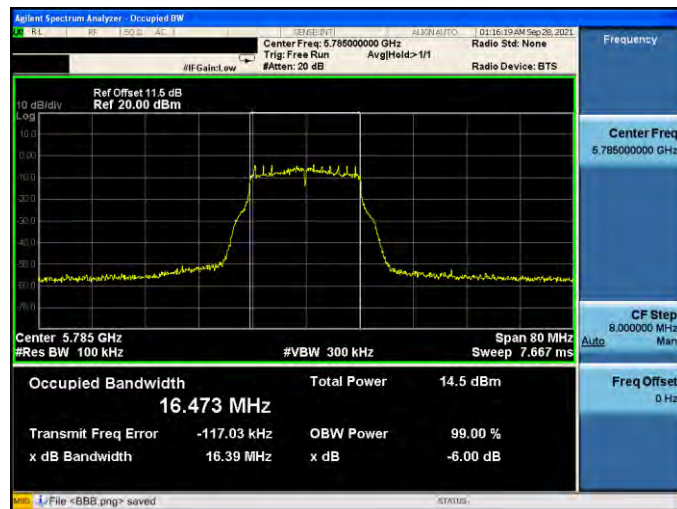
操作模式	頻道 (CH)	頻率 (MHz)	6 dB 頻寬量測值 (kHz)	限制值 (kHz)
			ANT-0	
Mode 5	149	5745	16350	≥ 500
	157	5785	16390	≥ 500
	165	5825	16360	≥ 500
Mode 8	149	5745	17610	≥ 500
	157	5785	17350	≥ 500
	165	5825	17200	≥ 500
Mode 9	151	5755	36080	≥ 500
	159	5795	36270	≥ 500
Mode 10	155	5775	75530	≥ 500

Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

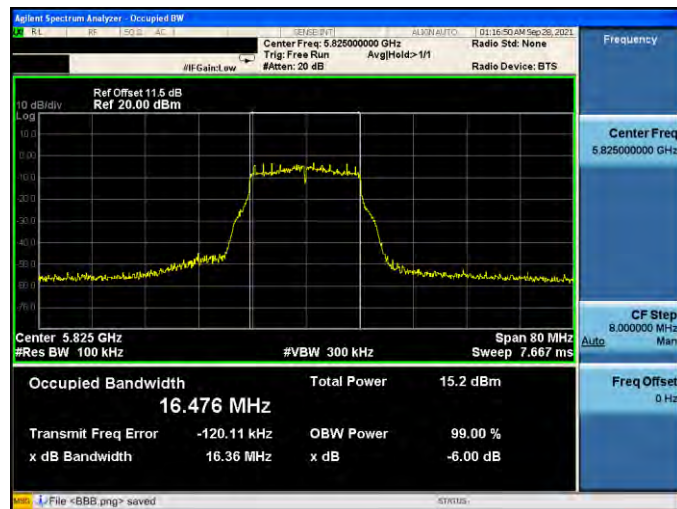
5745



5785

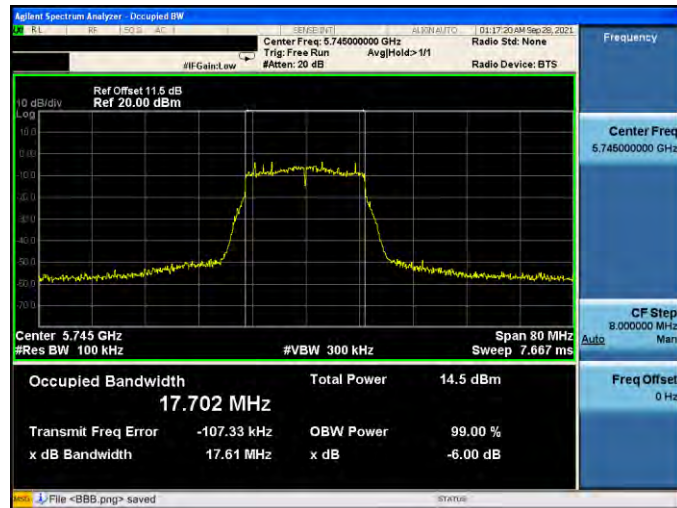


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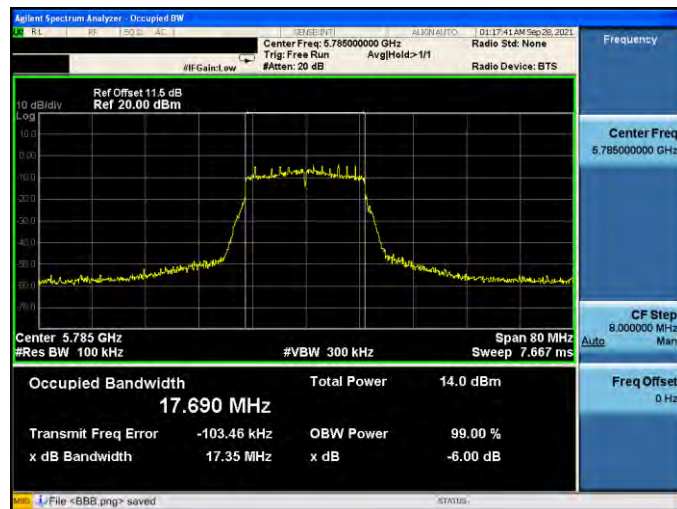


Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

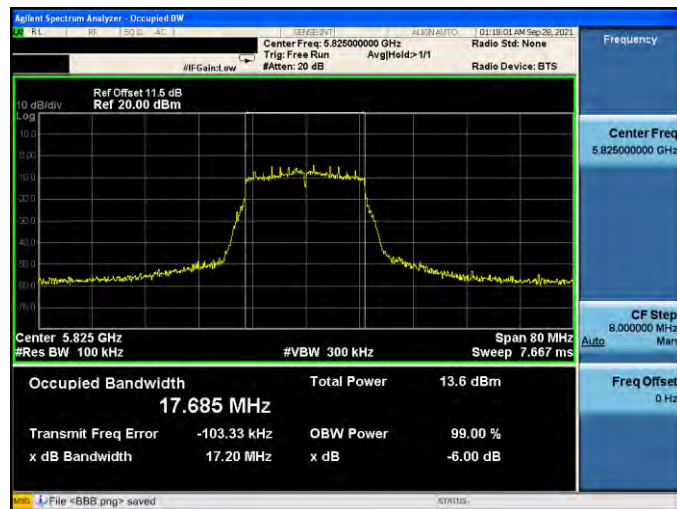
5745

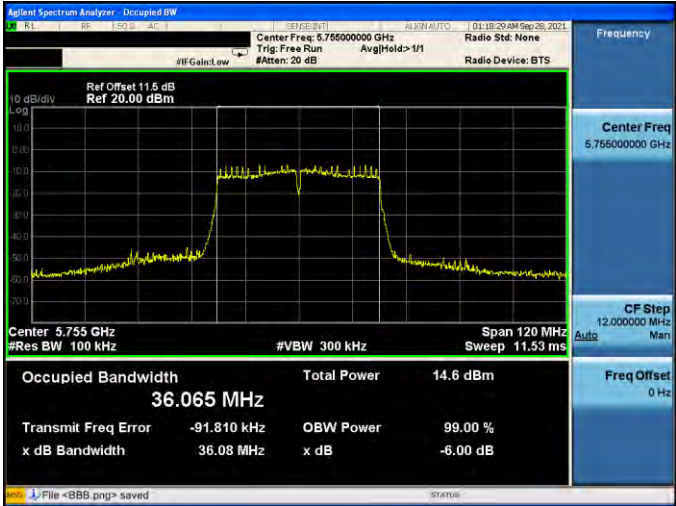
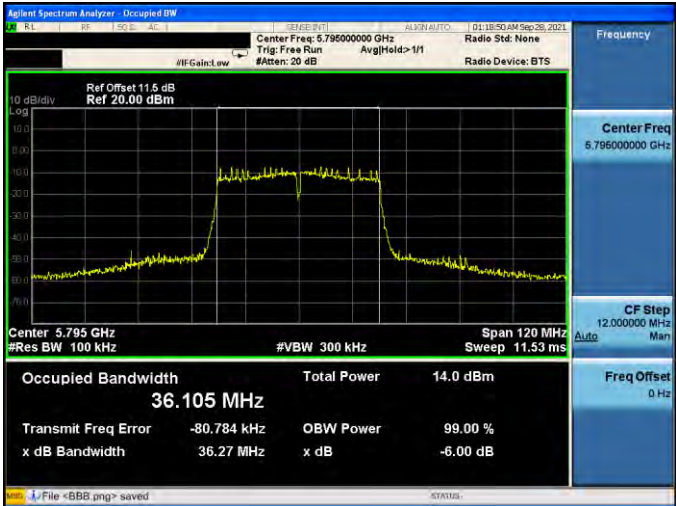


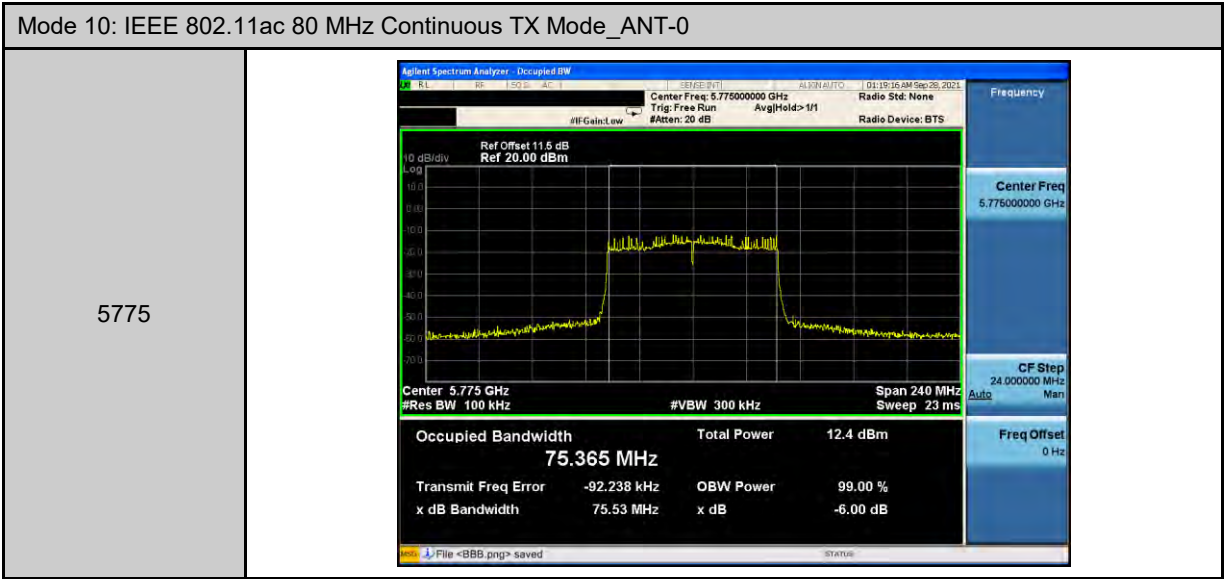
5785



5825



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5755	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.755000000 GHz Span: 120 MHz Res BW: 100 kHz Occupied Bandwidth: 36.065 MHz Total Power: 14.6 dBm Transmit Freq Error: -91.810 kHz x dB Bandwidth: 36.08 MHz x dB Power: -6.00 dB
5795	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.795000000 GHz Span: 120 MHz Res BW: 100 kHz Occupied Bandwidth: 36.105 MHz Total Power: 14.0 dBm Transmit Freq Error: -80.784 kHz x dB Bandwidth: 36.27 MHz x dB Power: -6.00 dB



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	9.95	5.42	3.48	1	34.402	0.0068
WLAN 5 GHz	5150~5250 5725~5850	1	20	8.58	6.35	4.32	1	31.152	0.0062

6. EUT Photos

請參照 文件編號:21-1330_NCC_External Photos 和 21-1330_NCC_Internal Photos 。

---END---