



晶復科技股份有限公司

A Test Lab Techno Corp.

低功率射頻器材試驗報告

報告編號 2012DR15

版本(Rev.) 01

產品名稱 會議電視終端 Videoconferencing Endpoint

申請廠商 訊崙技術有限公司

廠牌 HUAWEI

型式 (號) HUAWEI Bar 300

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 109 年 12 月 29 日

填發本型式認可報告之試驗機構 (認可代號)

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財團法人全國認證基金會

認證編號 : 1330

認證有效期間 : 108.09.06 ~ 111.09.05

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



免責聲明

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

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00	109 年 12 月 09 日	初版發行	王裕霜
01	109 年 12 月 29 日	更新 1.1 章節 (P.5) 更新 2.2 章節 (P.9/12/13) 更新 5 章節 (P.190) 更新 External Photos	王裕霜

低功率射頻器材測試證明書

產品名稱：會議電視終端 Videoconferencing Endpoint

廠牌：HUAWEI

型號：HUAWEI Bar 300

申請廠商：訊崙技術有限公司

申請者地址：臺北市內湖區洲子街55、57號3樓

製造廠商：Huawei Technologies Co., Ltd.

製造廠商地址：Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District, Shenzhen, Guangdong, 518129, P.R.China.

待測物電壓：DC 12 V, 5 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：108 年 10 月 14 日

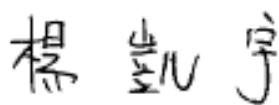
試驗日期：109 年 10 月 30日 ~ 109 年 11 月 13 日

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

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

特此證明！

審核者：



(楊 凱 宇)

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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	會議電視終端 Videoconferencing Endpoint					
廠 牌	HUAWEI					
型 號	HUAWEI Bar 300					
額 定 電 源	DC 12 V, 5 A					
調 變 方 式	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n 2.4 GHz 20 MHz / 40 MHz: OFDM IEEE 802.11a U-NII Band: OFDM IEEE 802.11n 5 GHz 20 MHz / 40 MHz U-NII Band: OFDM IEEE 802.11ac 20 MHz / 40 MHz 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 802.11n 2.4 GHz 40 MHz				2422 – 2452	
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band I IEEE 802.11ac 20 MHz U-NII Band I				5180 – 5240	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I IEEE 802.11ac 40 MHz U-NII Band I				5190 – 5230	
天 線 資 訊	Antenna	廠牌	型號	型態	增益值(dBi)	
					2.4 GHz	5 GHz
	ANT-0	Shenglu	SL15972H-L-B2	PCB Antenna	2.7	8.18
	ANT-1	Shenglu	SL15972H-L-B2	PCB Antenna	2.8	5.86
RF 最大輸出功率	Mode			Power		
	IEEE 802.11b			21.03 dBm	0.127 W	
	IEEE 802.11g			22.66 dBm	0.185 W	
	IEEE 802.11n 2.4 GHz 20 MHz			23.13 dBm	0.206 W	
	IEEE 802.11n 2.4 GHz 40 MHz			22.91 dBm	0.195 W	
	IEEE 802.11a U-NII Band I			19.87 dBm	0.097 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I			19.91 dBm	0.098 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I			16.99 dBm	0.050 W	
	IEEE 802.11ac 20 MHz U-NII Band I			20.00 dBm	0.100 W	
	IEEE 802.11ac 40 MHz U-NII Band I			17.06 dBm	0.051 W	

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	DC Power Port	1	連接至電源供應器
2	LAN Port	1	連接至 AP
3	TOUCH Port	1	連接至 POE Adapter
4	USB STD-A Port	1	連接至 HDD
5	HDMI Port	3	連接至 Notebook/LCD Monitor
6	HD-AI Port	1	此 Port 無功能，使用軟體關閉
7	LINE IN Port	1	連接至 Notebook
8	LINE OUT Port	1	連接至音箱

附屬裝置表：

裝置名稱	廠牌	型號	備註
交換式電源供應器 (POE Adapter)	HUAWEI	POE35-54A	INPUT : 100-240 VAC, 50/60 Hz, 1.0 A OUTPUT: 54 VDC, 0.65 A
分離式電源線組 (Power cable)	番禺電纜	PD-031	Non-Shielded, 2 m
交換式電源供應器 (Power Adapter)	HUAWEI	HW-60-12AC14D-1	INPUT : 100-240 VAC, 50/60 Hz, 1.5A OUTPUT: 12.0 VDC, 5.0 A Cable out : Non-Shielded, 1.4 m
分離式電源線組 (Power cable)	番禺電纜	PD-042	Non-Shielded, 3 m
會議觸控屏Touch	HUAWEI	HUAWEI Touch	---
HDMI cable	惠州匯聚	D141095-01	Shielded, 3 m
Common network cable	HUAWEI	04070006 VD	Non-Shielded, 3 m
Touch network cable	Comlink	A0603913039-A	Non-Shielded, 10 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

2. 量測儀器及測試配置說明

2.1 量測設備

For Conducted

Test Period: Nov. 03 ~ Nov. 04, 2020

測試者: 徐基哲

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Power Sensor	Agilent	N1921A	MY45241957	12/11/2019	1 year
Power Meter	Agilent	N1911A	MY45101619	12/11/2019	1 year
Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/24/2020	1 year

For Conducted Emission

Test Period: Nov. 05, 2020

測試者: 邱孝儒

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
測試接收機 (9 kHz~3 GHz)	R&S	ESCI	100367	05/25/2020	1 year
線性阻抗模擬網路	R&S	ENV216	101040	03/23/2020	1 year
線性阻抗模擬網路	R&S	ENV216	101041	04/06/2020	1 year

For Radiated Emissions

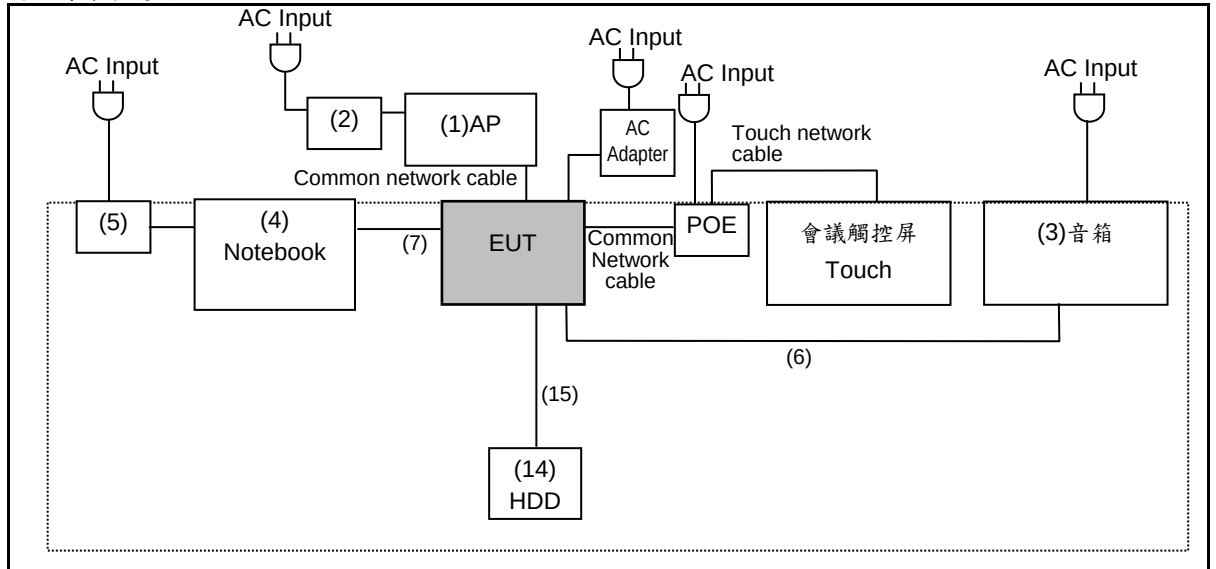
Test Period: Oct. 30 ~ Nov. 13, 2020

測試者: 劉彥聖, 李亭衛, 葉佳原, 廖經雄

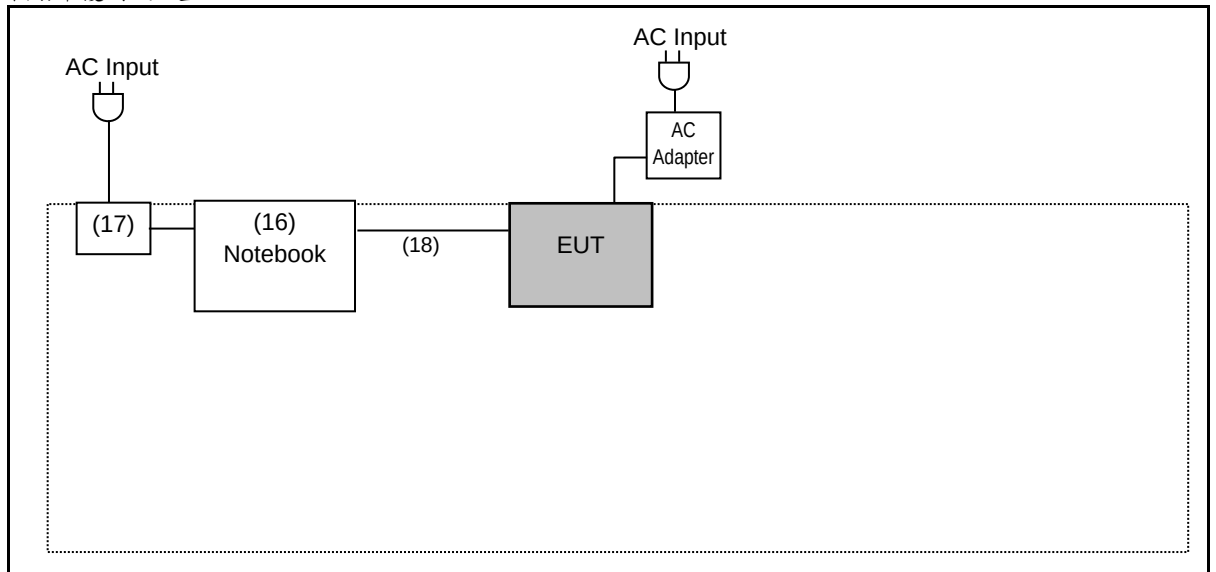
名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer	Keysight	N9030B	MY57143537	04/14/2020	1 year
Amplifier	Titan	T0912E01263025 A1F	002	07/23/2020	1 year
Amplifier	Titan	T0910E00014330 A1F	001	07/23/2020	1 year
Preamplifier	EMCI	EMC2654045	980028	08/24/2020	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	01146	07/03/2020	1 year
天線(1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	02207	06/30/2020	1 year
天線(18~40 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	08/18/2020	1 year

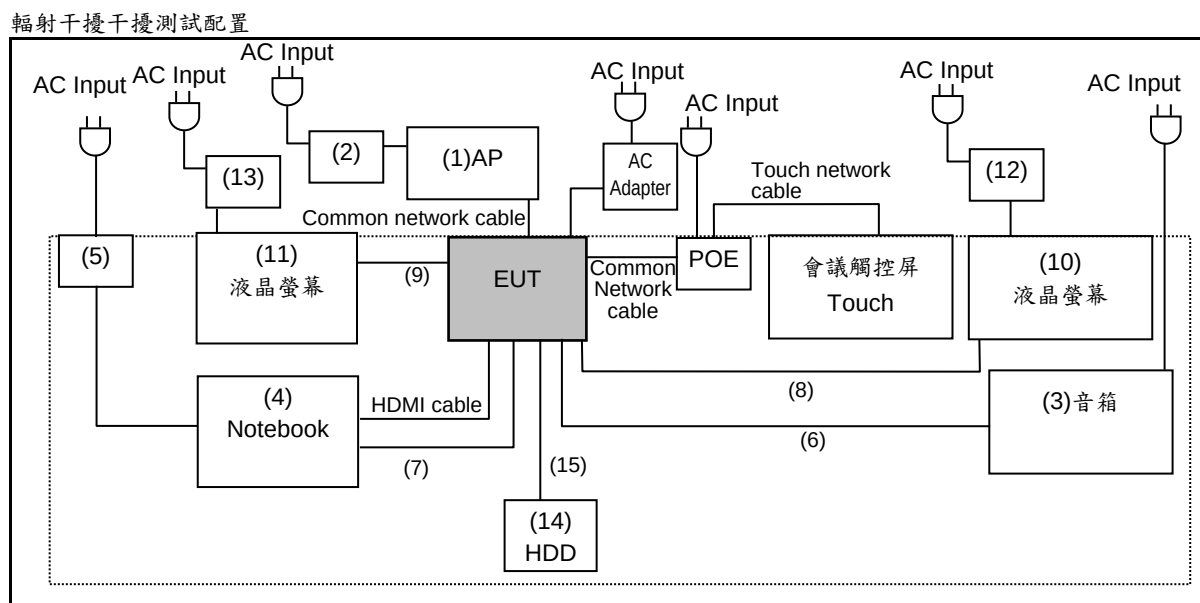
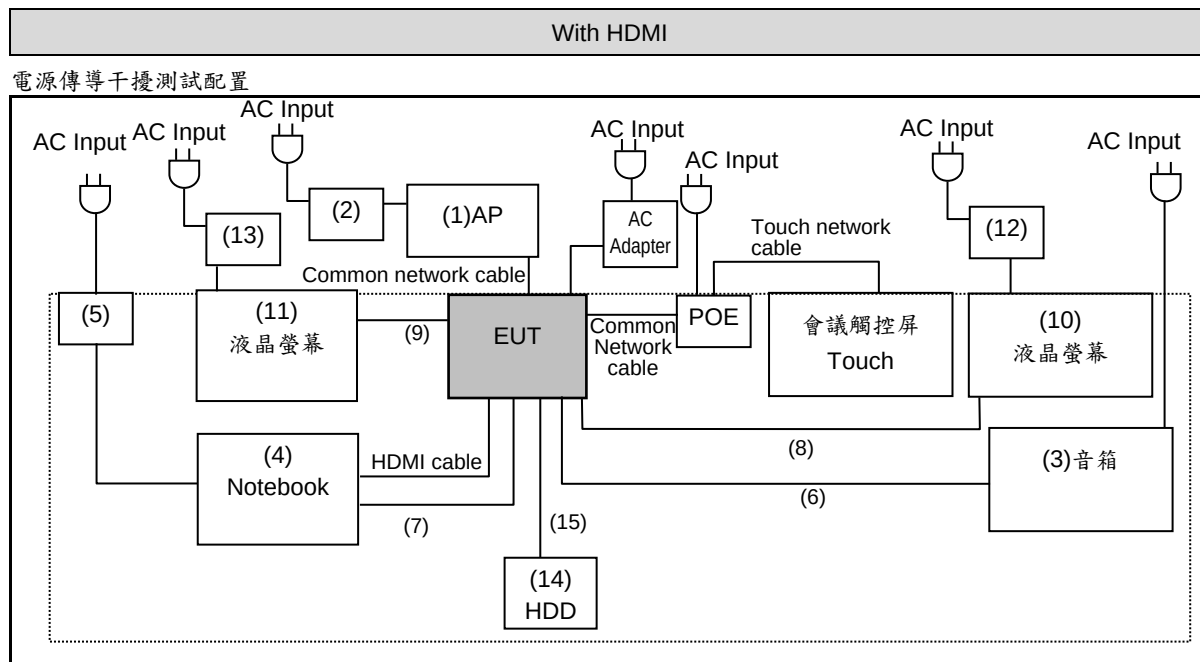
2.2 檢驗系統示意圖

電源傳導干擾測試配置



輻射干擾測試配置





2.3 輔助測試之週邊設備描述

下列輔助設備或配件為測試中所使用，以形成一個代表性的受測系統。

週邊名稱	廠牌	型號	序號	電源線	備註
(1) Access Point	ASUS	RT-AX88U	---	---	FCC ID : MSQ-RTAXHP00 (實驗室提供)
(2) Access Point Adapter	ASUS	ADP-45BW B	---	---	INPUT : 100-240 VAC, 50-60 Hz, 1.2 A OUTPUT : 19 VDC, 2.37 A (實驗室提供)
(3) 音箱	羅技	S-00097A			(實驗室提供)
(4) Notebook	ASUS	P1448U	---	---	(實驗室提供)
(5) Notebook Adapter	ASUS	EXA1203YH	---	Non-Shielded , 0.8 m	INPUT : 100-240 VAC, 50/60 Hz, 1.5 A OUTPUT : 19 VDC, 3.42 A (實驗室提供)
(6) 音源線	A-HUNG	A-HUNG	---	---	規格: 3.5mm to AV 端子 長度: 1.8 m (實驗室提供)
(7) 音源線	BENEVO	BAU0101MM	---	---	規格: 3.5 mm to 3.5 mm 長度: 1.1 m (實驗室提供)
(8) HDMI Cable	Avier	K48GHS	---	---	規格 : HDMI to HDMI 長度 : 1.7 m (實驗室提供)
(9) HDMI Cable	Avier	K48GHS	---	---	規格 : HDMI to HDMI 長度 : 1.7 m (實驗室提供)
(10) 液晶螢幕	ASUS	MX27U	J3LMRS00013	---	(實驗室提供)
(11) 液晶螢幕	ASUS	MX27U	J3LMRS00036	---	(實驗室提供)
(12) AC Adapter	ASUS	ADP-65GD B	---	Non-Shielded , 0.8 m	INPUT : 100-240 VAC, 50/60 Hz, 1.5 A OUTPUT : 19 VDC, 3.42 A (實驗室提供)
(13) AC Adapter	ASUS	ADP-65GD B	---	Non-Shielded , 0.8 m	INPUT : 100-240 VAC, 50/60 Hz, 1.5 A OUTPUT : 19 VDC, 3.42 A (實驗室提供)
(14) HDD	Transend	TS1TSJ25A3K-RU	E40246-0205	---	(實驗室提供)
(15) USB Cable	Transend	TS1TSJ25A3K-RU	E40246-0205	---	規格 : STD-A to USB 3.0 Micro Type B 長度 : 0.46 m (實驗室提供)
(16) Notebook	ASUS	P1448U	---	---	(實驗室提供)
(17) Notebook Adapter	ASUS	EXA1203YH	---	Non-Shielded , 0.8 m	INPUT : 100-240 VAC, 50/60 Hz, 1.5 A OUTPUT : 19 VDC, 3.42 A (實驗室提供)
(18) LAN Cable	HUAWEI	UL2464	---	---	規格 : RJ45 to RJ45 長度 : 1.5 m (實驗室提供)

註：本案經申請者切結器材不提供隨貨配件，配件由實驗室(或申請者)提供併同檢驗

測試組合：

EUT Configure Mode	CE	RE<1G	RE ≥ 1G	備註
交換式電源供應器 (POE Adapter)	V	---	---	
分離式電源線組 (Power cable)	V	---	---	
交換式電源供應器 (Power Adapter)	V	V	V	
分離式電源線組 (Power cable)	V	V	V	
會議觸控屏Touch	V	---	---	
HDMI cable	---	---	---	
Common network cable	V	---	---	
Touch network cable	V	---	---	
Access Point	V	---	---	測試週邊(1)
Access Point Adapter	V	---	---	測試週邊(2)
音箱	V	---	---	測試週邊(3)
Notebook	V	---	---	測試週邊(4)
Notebook Adapter	V	---	---	測試週邊(5)
音源線	V	---	---	測試週邊(6)
音源線	V	---	---	測試週邊(7)
HDMI Cable	---	---	---	測試週邊(8)
HDMI Cable	---	---	---	測試週邊(9)
液晶螢幕	---	---	---	測試週邊(10)
液晶螢幕	---	---	---	測試週邊(11)
AC Adapter	---	---	---	測試週邊(12)
AC Adapter	---	---	---	測試週邊(13)
HDD	V	---	---	測試週邊(14)
USB Cable	V	---	---	測試週邊(15)
Notebook	---	V	V	測試週邊(16) Test mode使用
Notebook Adapter	---	V	V	測試週邊(17) Test mode使用
LAN Cable	---	V	V	測試週邊(18) Test mode使用

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

RE < 1 GHz : Radiated Emission below 1 GHz

CE : Conducted Emission

V : Final mode

X : Non support

--- : No evaluation required

Blank Space : Pre-test mode

With HDMI				
EUT Configure Mode	CE	RE<1G	RE ≥ 1G	備註
交換式電源供應器 (POE Adapter)	V	V	V	
分離式電源線組 (Power cable)	V	V	V	
交換式電源供應器 (Power Adapter)	V	V	V	
分離式電源線組 (Power cable)	V	V	V	
會議觸控屏Touch	V	V	V	
HDMI cable	V	V	V	
Common network cable	V	V	V	
Touch network cable	V	V	V	
Access Point	V	V	V	測試週邊(1)
Access Point Adapter	V	V	V	測試週邊(2)
音箱	V	V	V	測試週邊(3)
Notebook	V	V	V	測試週邊(4)
Notebook Adapter	V	V	V	測試週邊(5)
音源線	V	V	V	測試週邊(6)
音源線	V	V	V	測試週邊(7)
HDMI Cable	V	V	V	測試週邊(8)
HDMI Cable	V	V	V	測試週邊(9)
液晶螢幕	V	V	V	測試週邊(10)
液晶螢幕	V	V	V	測試週邊(11)
AC Adapter	V	V	V	測試週邊(12)
AC Adapter	V	V	V	測試週邊(13)
HDD	V	V	V	測試週邊(14)
USB Cable	V	V	V	測試週邊(15)
Notebook	---	---	---	測試週邊(16)
Notebook Adapter	---	---	---	測試週邊(17)
LAN Cable	---	---	---	測試週邊(18)

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

RE < 1 GHz : Radiated Emission below 1 GHz

CE : Conducted Emission

V : Final mode

X : Non support

--- : No evaluation required

Blank Space : Pre-test mode

2.4 測試軟體版本

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 802.11n 2.4 GHz 40 MHz Continuous TX Mode
Mode 6: IEEE 802.11a Continuous TX Mode
Mode 7: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode
Mode 8: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode
Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode
Mode 10: IEEE 802.11ac 40 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 802.11n 2.4 GHz 40 MHz Continuous TX Mode
Mode 6: IEEE 802.11a Continuous TX Mode
Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode
Mode 10: IEEE 802.11ac 40 MHz Continuous TX Mode
Mode 11: Receiver Mode

Note 1: ANT-0 is the worst case.

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

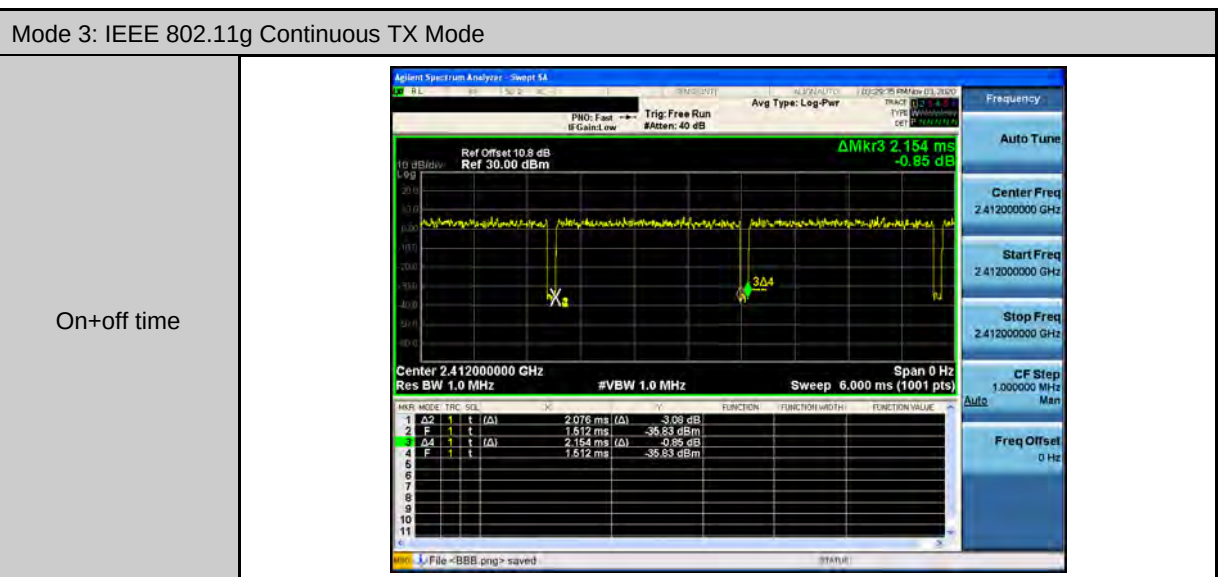
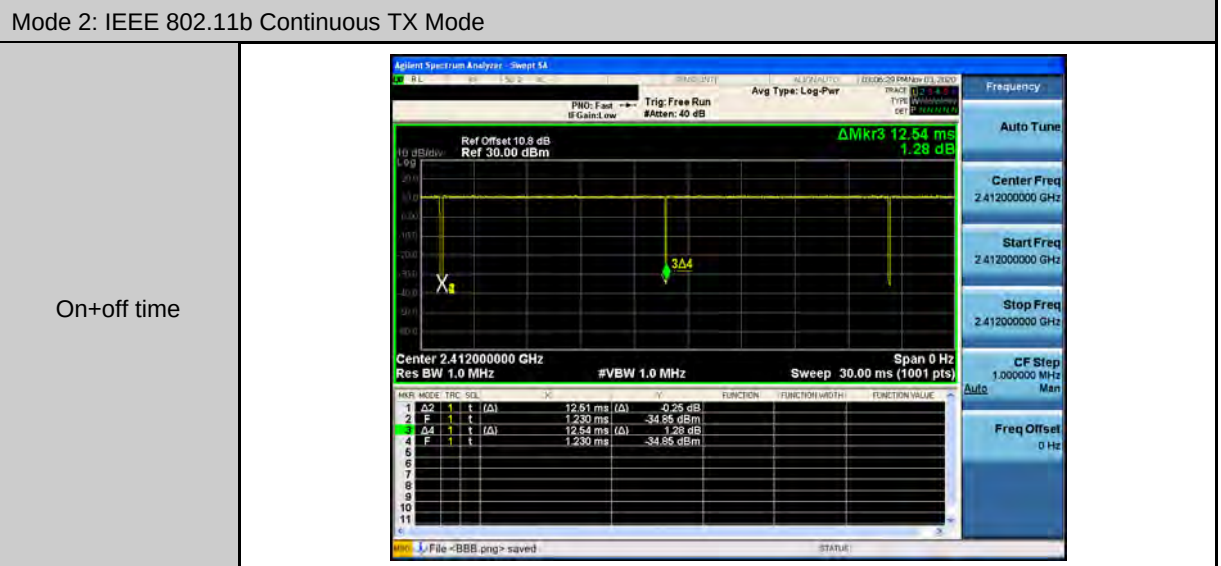
Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 2	2412	46.0	46.0	CMD
	2437	53.0	53.0	
	2462	48.0	48.0	
Mode 3	2412	42.0	42.0	
	2437	54.0	54.0	
	2462	45.0	45.0	
Mode 4	2412	41.0	41.0	
	2437	64.0	64.0	
	2462	45.0	45.0	
Mode 5	2422	34.0	34.0	
	2437	64.0	64.0	
	2452	41.0	41.0	
Mode 6	5180	49	49	CMD
	5200	64	64	
	5220	64	64	
	5240	59	59	
Mode 7	5180	48	48	
	5200	64	64	
	5220	64	64	
	5240	58	58	
Mode 8	5190	40	40	
	5230	53	53	
Mode 9	5180	48	48	
	5200	64	64	
	5220	64	64	
	5240	58	58	
Mode 10	5190	40	40	
	5230	53	53	

Test Mode	ANT-0	ANT-1	ANT-0+1
Mode 2	V	V	---
Mode 3	V	V	---
Mode 4	V	V	---
Mode 5	V	V	---
Mode 6	V	V	---
Mode 7	V	V	---
Mode 8	V	V	---
Mode 9	V	V	---
Mode 10	V	V	---

Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 2	1TX / 1RX (Diversity)	1	1, 6, 11
Mode 3	1TX / 1RX (Diversity)	6	1, 6, 11
Mode 4	1TX / 1RX (Diversity)	6.5	1, 6, 11
Mode 5	1TX / 1RX (Diversity)	13.5	3, 6, 9
Mode 6	1TX / 1RX (Diversity)	6	36, 40, 48
Mode 7	1TX / 1RX (Diversity)	7.2	36, 40, 48
Mode 8	1TX / 1RX (Diversity)	15	38, 46
Mode 9	1TX / 1RX (Diversity)	7.2	36, 40, 48
Mode 10	1TX / 1RX (Diversity)	15	38, 46

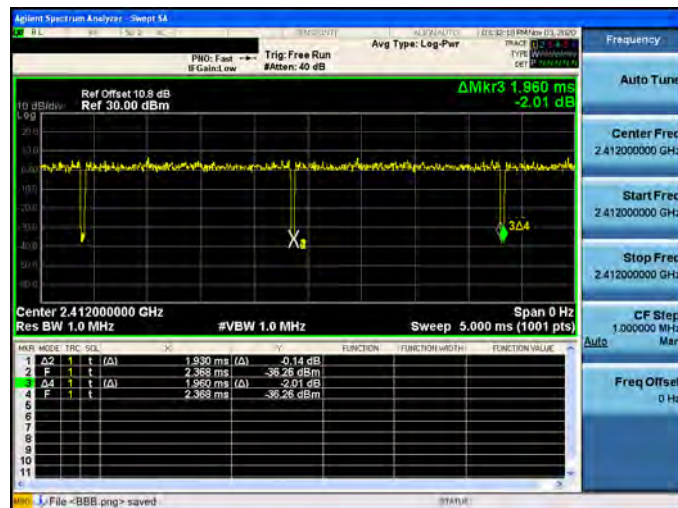
Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	2412.0	12.510	12.540	0.998	0.010	0.010
Mode 3	2412.0	2.076	2.154	0.964	0.160	0.482
Mode 4	2412.0	1.930	1.960	0.985	0.067	0.010
Mode 5	2422.0	0.951	1.083	0.878	0.564	1.052
Mode 6	5180.0	2.085	2.225	0.937	0.282	0.480
Mode 9	5180.0	1.940	1.995	0.972	0.121	0.515
Mode 10	5190.0	0.960	1.074	0.894	0.487	1.042



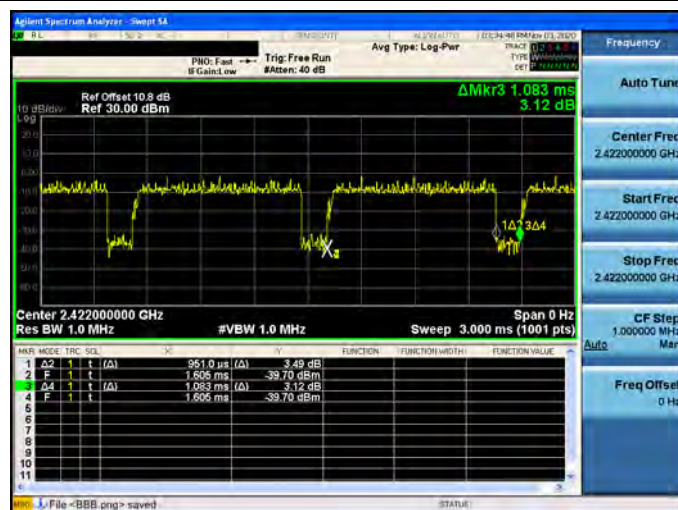
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode

On+off time



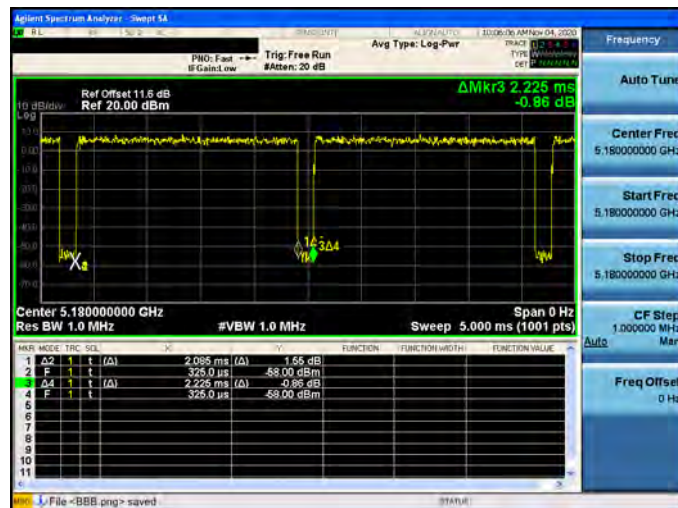
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode

On+off time



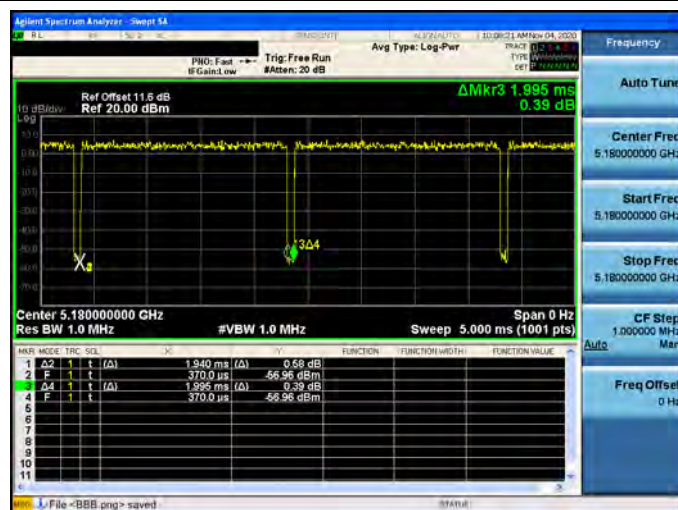
Mode 6: IEEE 802.11a Continuous TX Mode

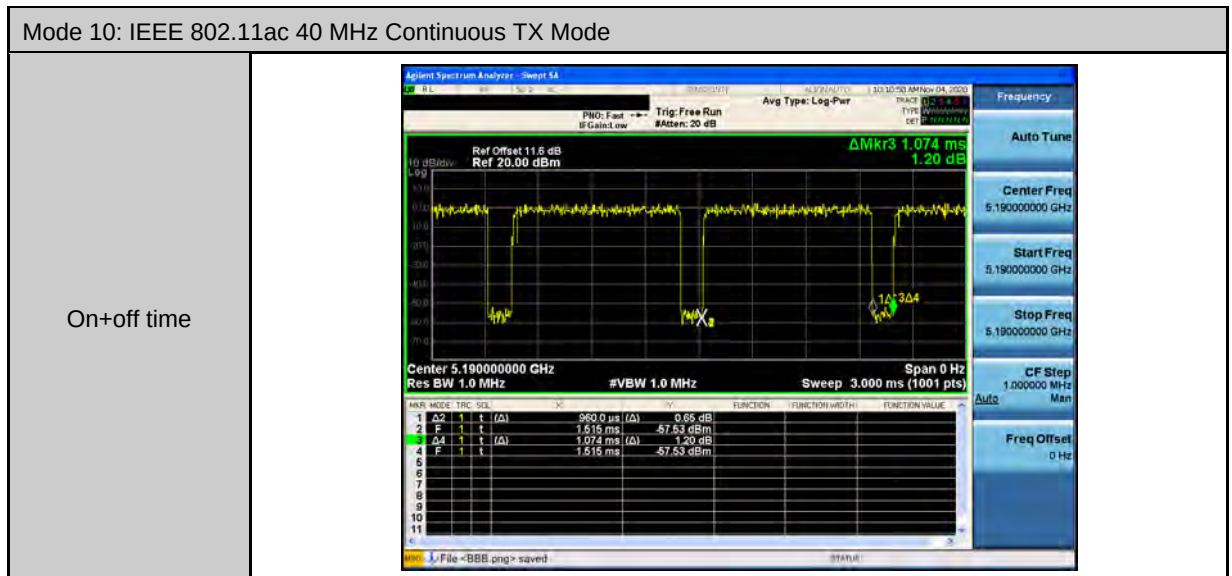
On+off time



Mode 9: IEEE 802.11ac 20 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	5.1 dB
	18000 MHz ~ 26500 MHz	4.4 dB
	26500 MHz ~ 40000 MHz	4.6 dB
Conducted Output Power		0.92 dB
RF Bandwidth		4.79 %
Power Spectral Density		0.92 dB
Frequency Stability		4.1×10^{-8}
Duty Cycle		1.06 %
Time Occupancy		1.40 %

2.7 試驗環境

產品測試時之實驗室環境條件如下：

項 目	測 試 項 目	需 求	實 際
溫度 Temperature (°C)	LP0002	10 - 40	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	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	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
4	峰值傳導輸出功率	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
5	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
6	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
7	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
8	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
9	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

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	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	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
4	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
5	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
6	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
7	26 dB 頻寬之要求	N/A	Annex E.	請參閱 2.1 節	----
8	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
9	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

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。

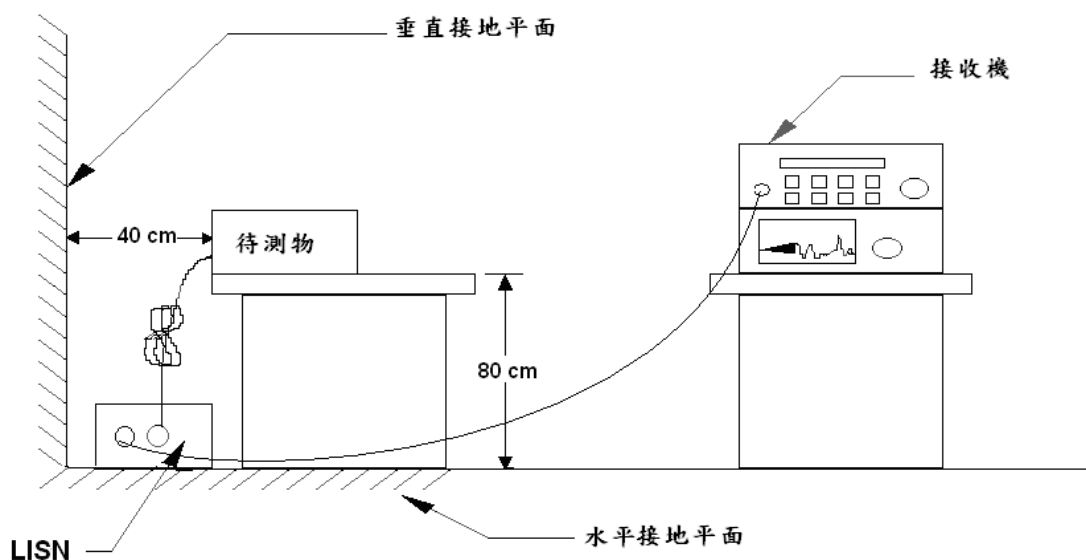
干擾值之計算

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。各頻段重疊處,以較嚴格之限制值為準。

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

測試方法：

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

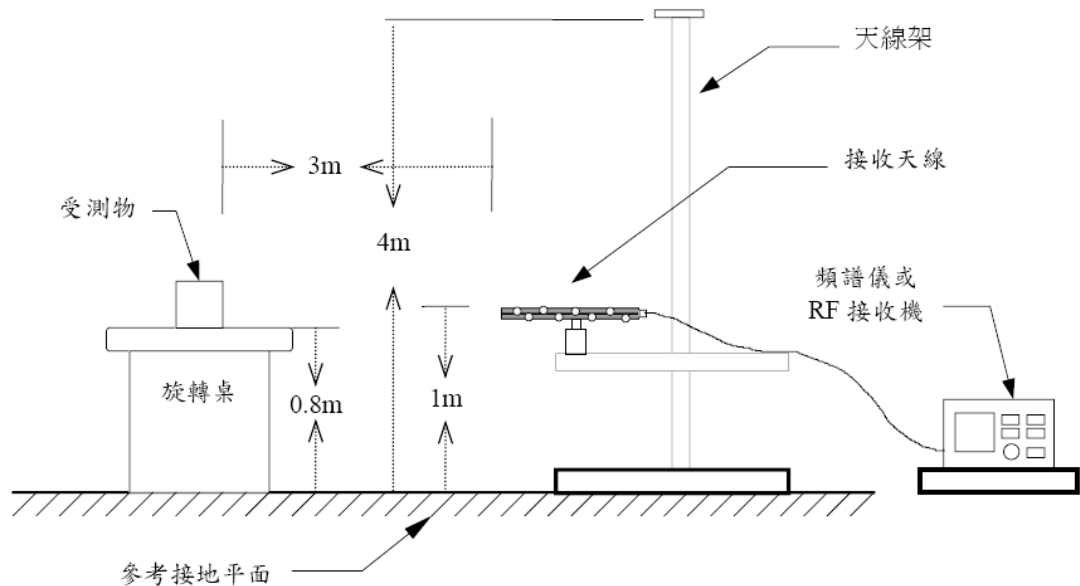
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

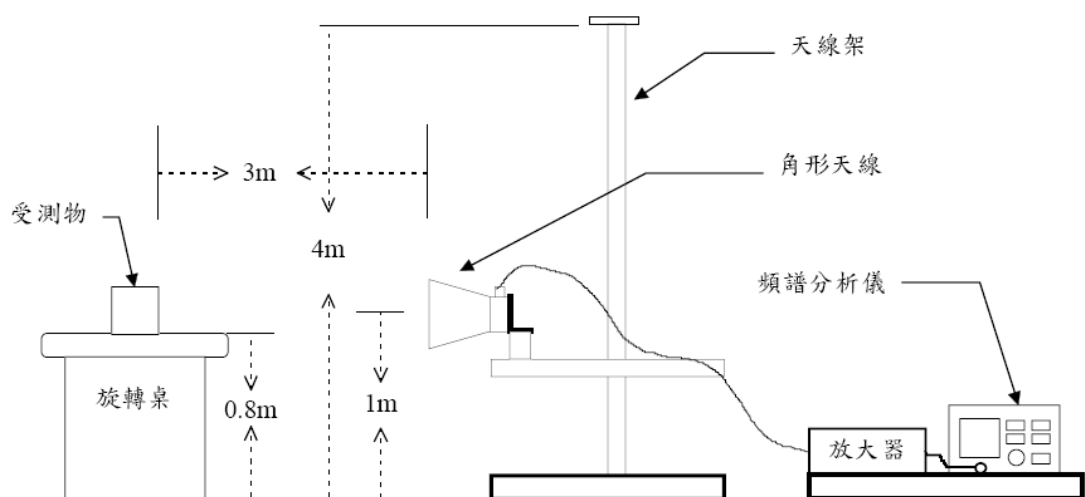
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



量測頻率高於 1 GHz 以上之測試配置



4.2.2 峰值傳導輸出功率之量測

合格標準：

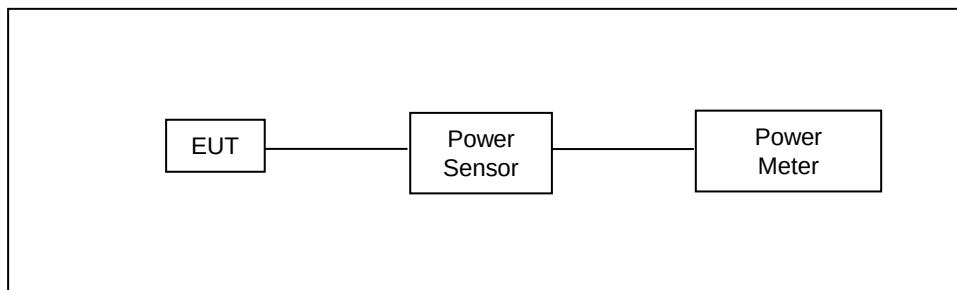
依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.2(1)(C)節之要求，操作於 2400-2483.5 兆赫(MHz)數位調變技術系統：1 瓦(W)(含)以下

Diversity：

Max. Gain = ANT-0：2.7 dBi < 6 dBi

ANT-1：2.8 dBi < 6 dBi

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。

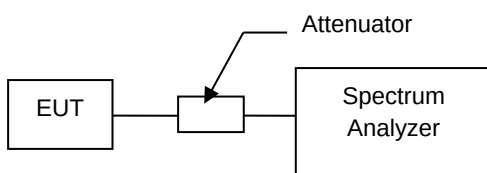
4.2.4 非必要頻帶之量測

合格標準:

合格標準:

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

測試架構圖：



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

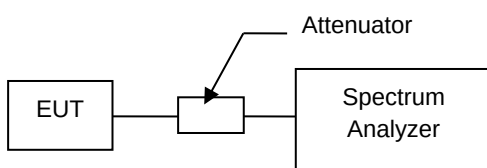
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 20 dB。

4.2.5 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)。

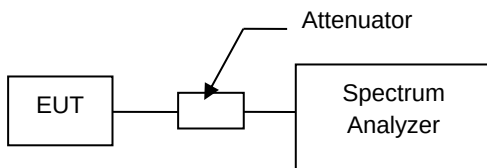
Diversity：

Max. Gain = ANT-0 : 2.7 dBi < 6 dBi

ANT-1 : 2.8 dBi < 6 dBi

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	1660.0~1785.0	8025.0~8500.0
0.490~0.510	149.90~150.05	1805.0~1880.0	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。各頻段重疊處，以較嚴格之限制值為準。

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

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。

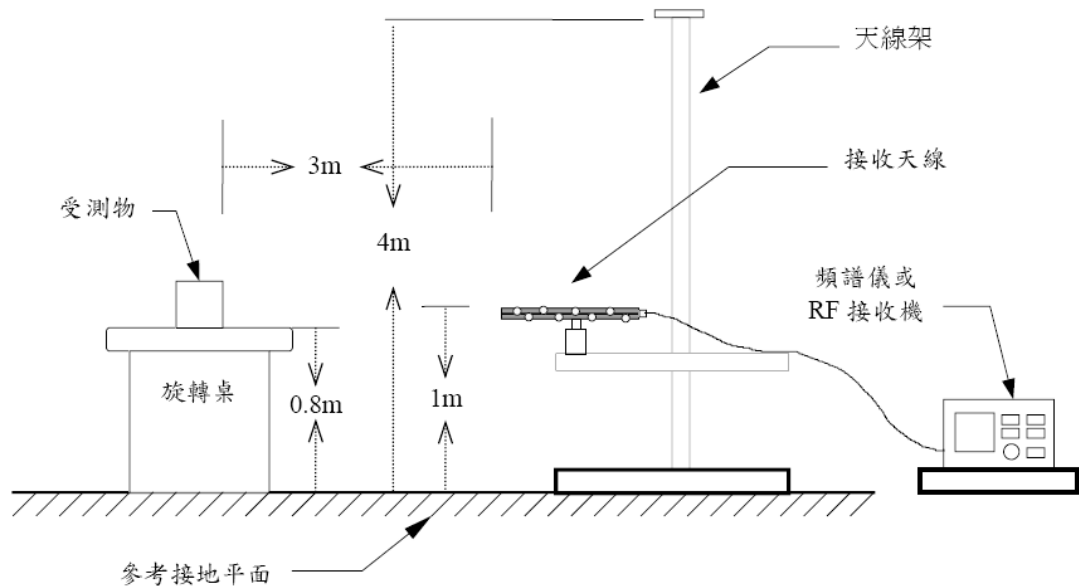
場強度之計算

場強之計算公式為: 結果值 = 讀值 + 校正因子

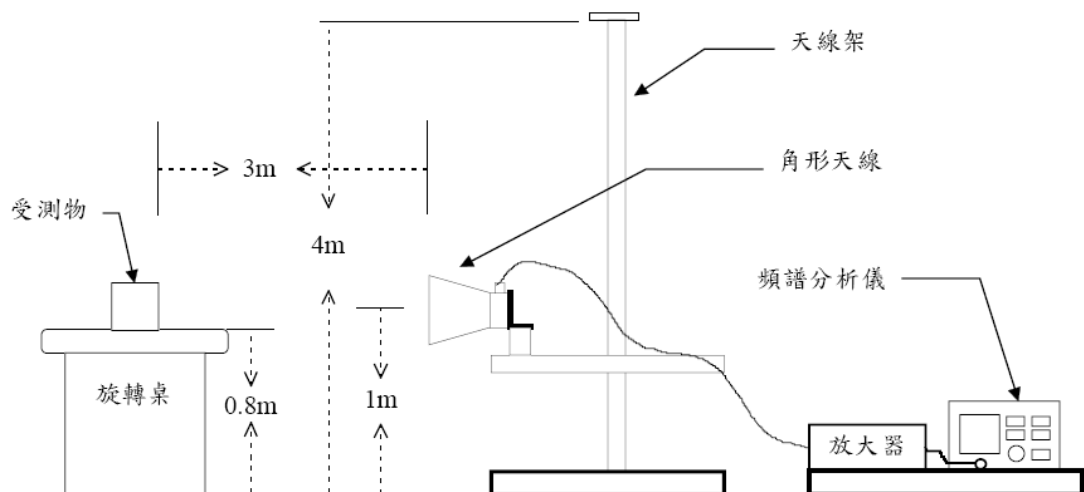
其中校正因子為: 天線因子+ 饋線損失 + 濾波器損失 (若有使用) - 放大器增益 (若有使用)

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. 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。

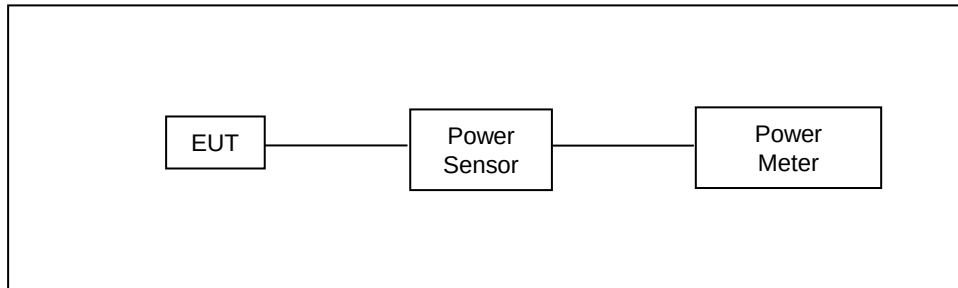
Diversity :

Max. Gain = ANT-0 : 8.18 dBi > 6 dBi

*power limit shall be reduced = 24 - 2.18 = 21.82 dBm

Max. Gain = ANT-1 : 5.86 dBi < 6 dBi

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. 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。

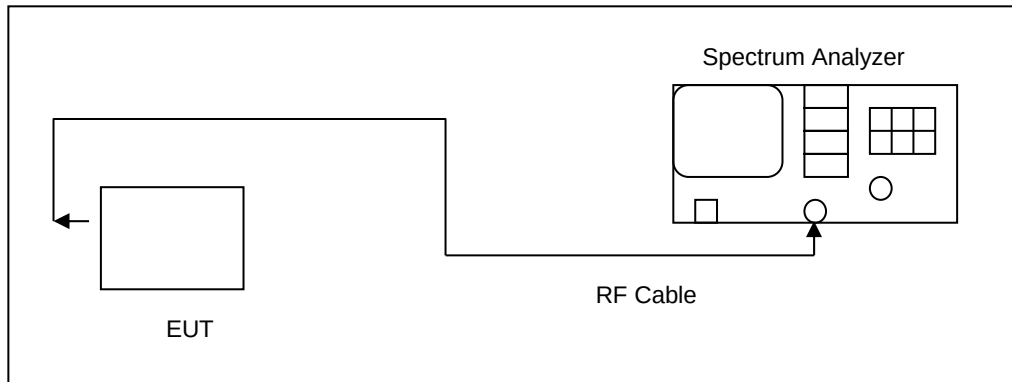
Diversity :

Max. Gain = ANT-0 : 8.18 dBi > 6 dBi

* power density limit shall be reduced = 11 - 2.18 = 8.82 dBm/MHz

Max. Gain = ANT-1 : 5.86 dBi < 6 dBi

測試架構圖：

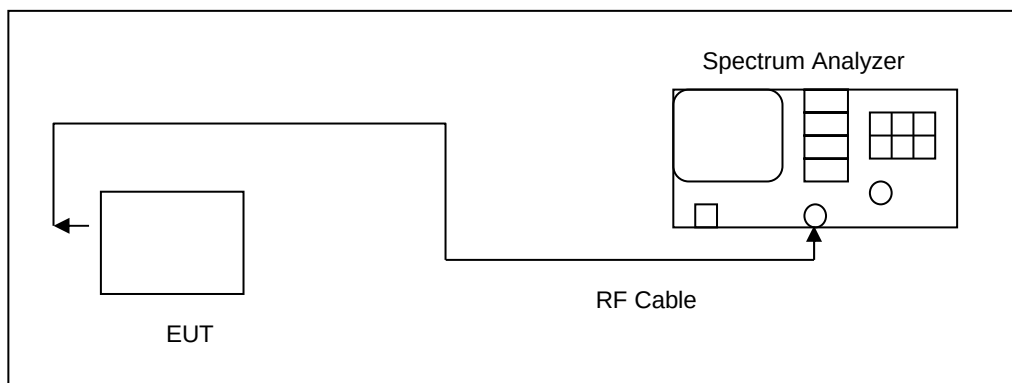


4.3.4 26 dB頻寬之要求

合格標準：

N/A

測試架構圖：



4.3.5 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。

4.3.6 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

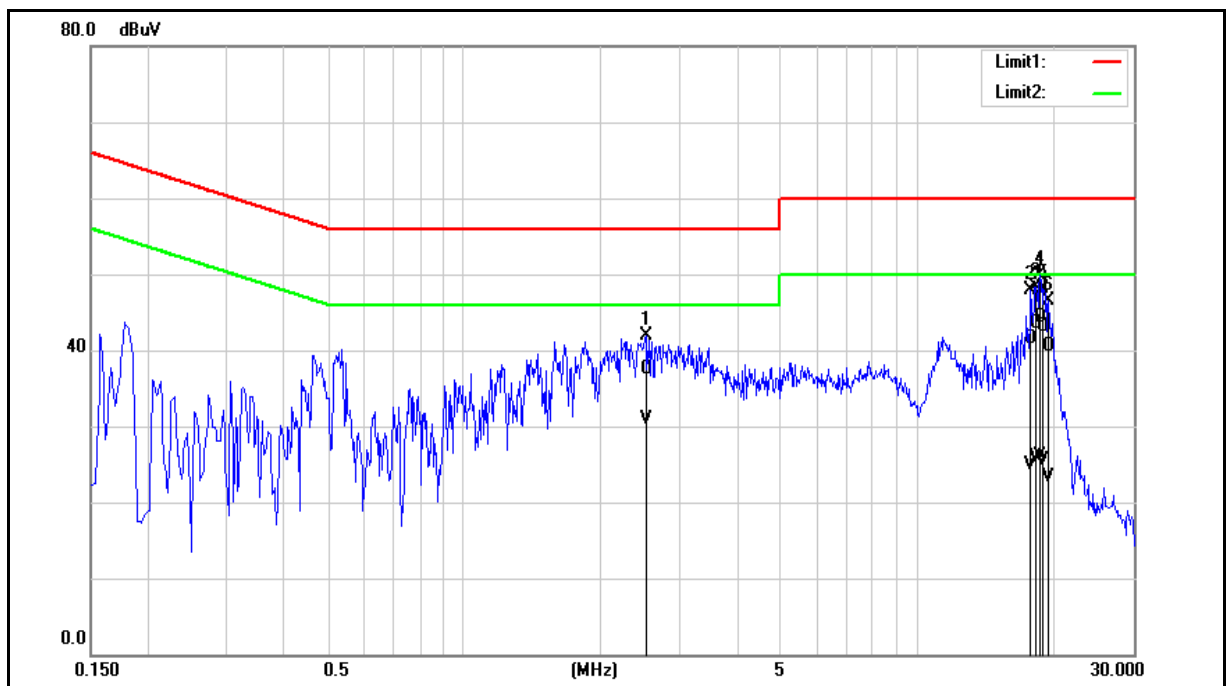
註 1：標記*表平面波等效功率密度。

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:			

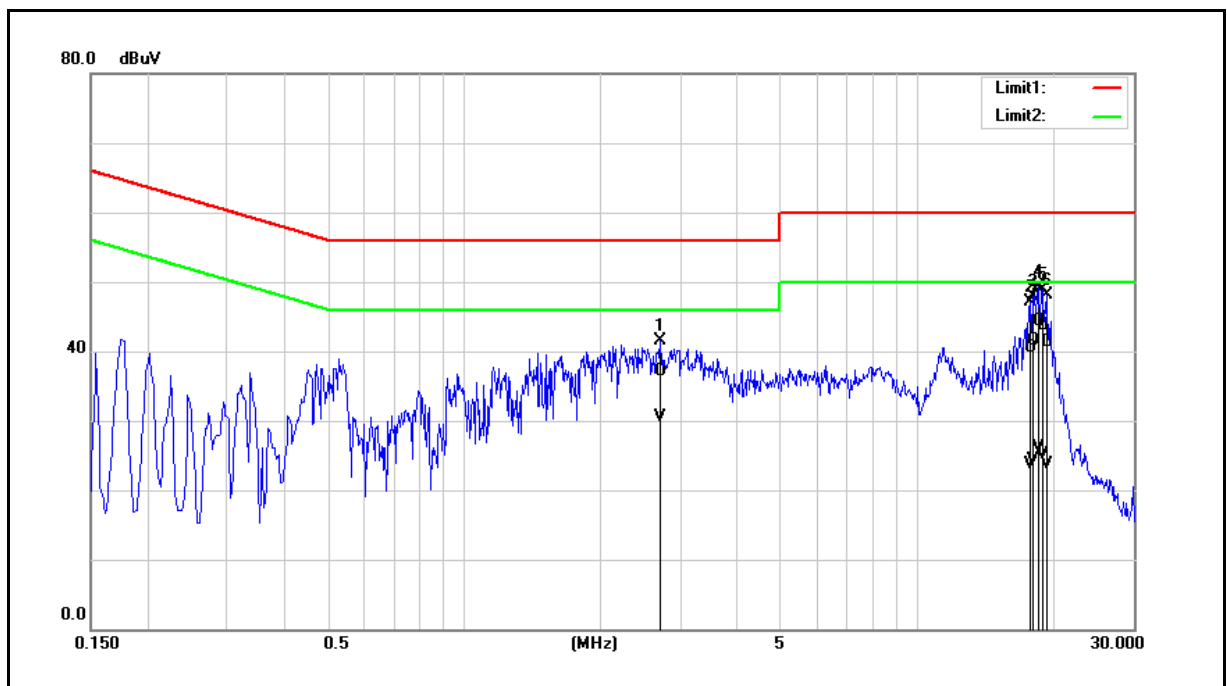


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	2.5140	27.73	21.17	9.77	37.50	30.94	56.00	46.00	-18.50	-15.06	Pass
2	17.8420	31.46	14.88	10.01	41.47	24.89	60.00	50.00	-18.53	-25.11	Pass
3	18.2380	33.48	15.93	10.01	43.49	25.94	60.00	50.00	-16.51	-24.06	Pass
4	18.6900	34.22	16.14	10.01	44.23	26.15	60.00	50.00	-15.77	-23.85	Pass
5	19.0180	33.13	15.42	10.02	43.15	25.44	60.00	50.00	-16.85	-24.56	Pass
6	19.4460	30.55	13.35	10.03	40.58	23.38	60.00	50.00	-19.42	-26.62	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:			



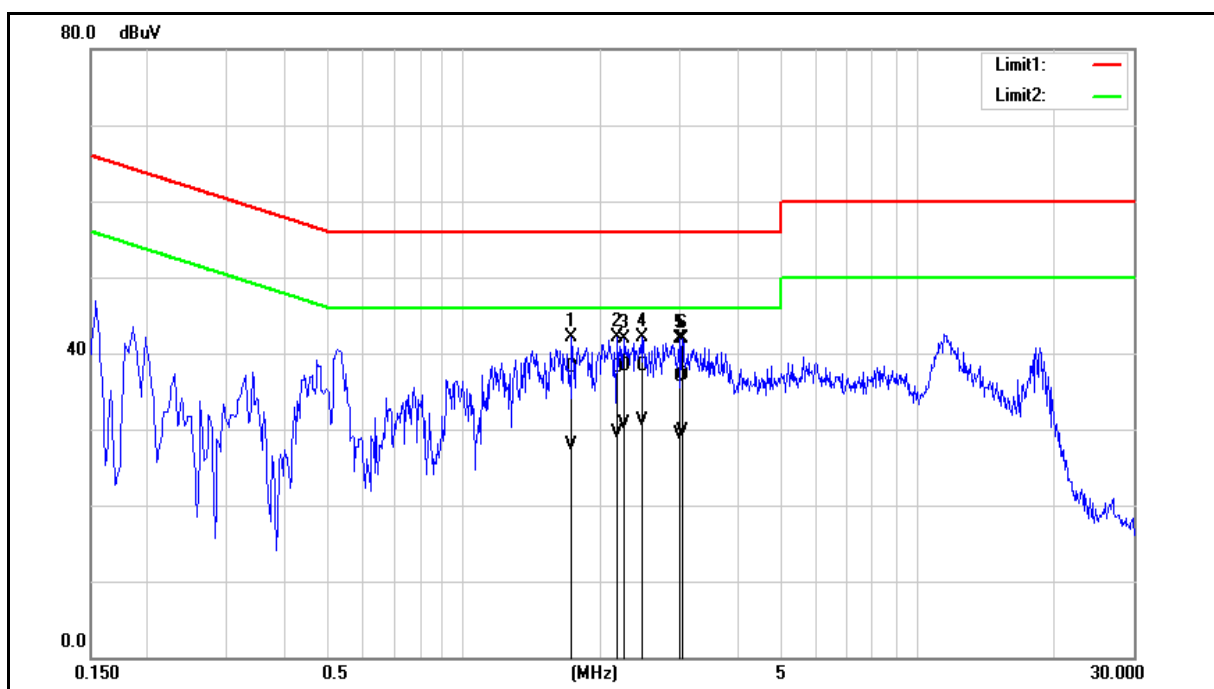
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	2.7140	27.27	20.68	9.76	37.03	30.44	56.00	46.00	-18.97	-15.56	Pass
2	17.7180	30.41	13.69	10.02	40.43	23.71	60.00	50.00	-19.57	-26.29	Pass
3	18.0060	31.47	14.24	10.03	41.50	24.27	60.00	50.00	-18.50	-25.73	Pass
4	18.5140	34.27	15.98	10.03	44.30	26.01	60.00	50.00	-15.70	-23.99	Pass
5	18.9100	33.76	15.12	10.03	43.79	25.15	60.00	50.00	-16.21	-24.85	Pass
6	19.2340	31.28	13.59	10.04	41.32	23.63	60.00	50.00	-18.68	-26.37	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)。

With HDMI

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

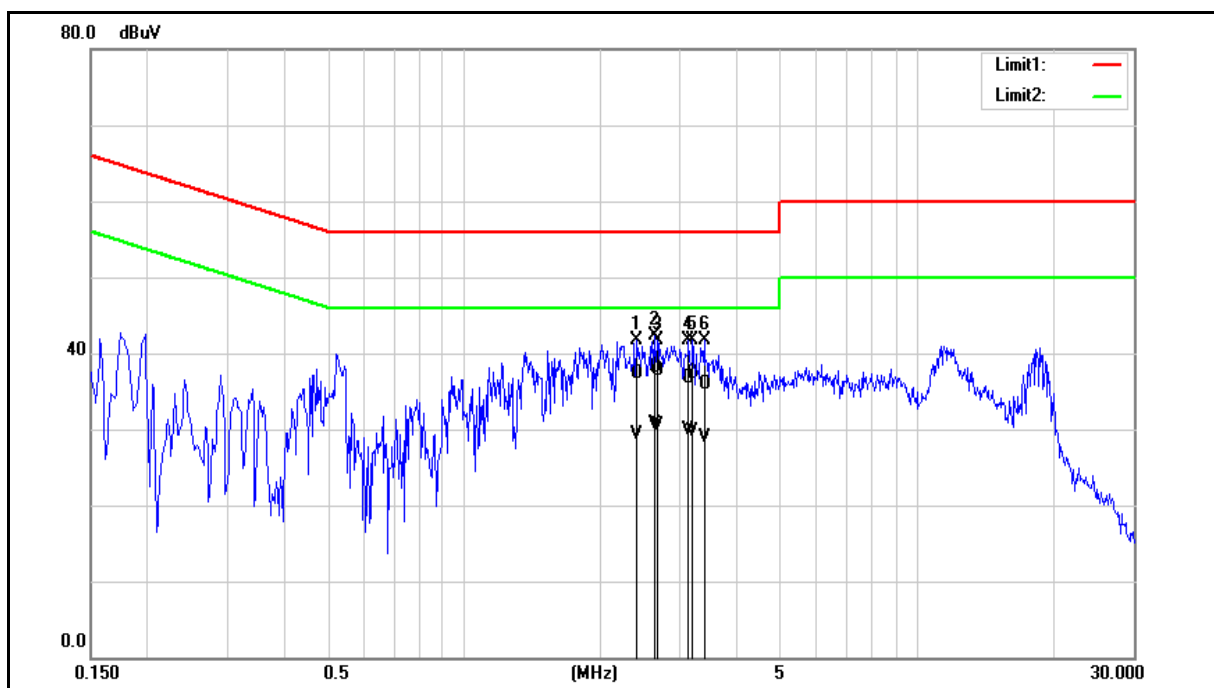


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	1.7340	28.31	18.22	9.75	38.06	27.97	56.00	46.00	-17.94	-18.03	Pass
2	2.1860	28.30	19.68	9.76	38.06	29.44	56.00	46.00	-17.94	-16.56	Pass
3	2.2540	28.61	20.95	9.76	38.37	30.71	56.00	46.00	-17.63	-15.29	Pass
4	2.4740	28.58	21.32	9.77	38.35	31.09	56.00	46.00	-17.65	-14.91	Pass
5	2.9900	27.16	19.50	9.78	36.94	29.28	56.00	46.00	-19.06	-16.72	Pass
6	3.0260	27.31	19.88	9.78	37.09	29.66	56.00	46.00	-18.91	-16.34	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	2.4060	27.62	19.54	9.76	37.38	29.30	56.00	46.00	-18.62	-16.70	Pass
2	2.6340	28.39	20.97	9.76	38.15	30.73	56.00	46.00	-17.85	-15.27	Pass
3	2.6700	27.93	20.78	9.76	37.69	30.54	56.00	46.00	-18.31	-15.46	Pass
4	3.1300	26.87	20.06	9.78	36.65	29.84	56.00	46.00	-19.35	-16.16	Pass
5	3.2060	27.47	19.83	9.78	37.25	29.61	56.00	46.00	-18.75	-16.39	Pass
6	3.3980	26.10	19.09	9.78	35.88	28.87	56.00	46.00	-20.12	-17.13	Pass

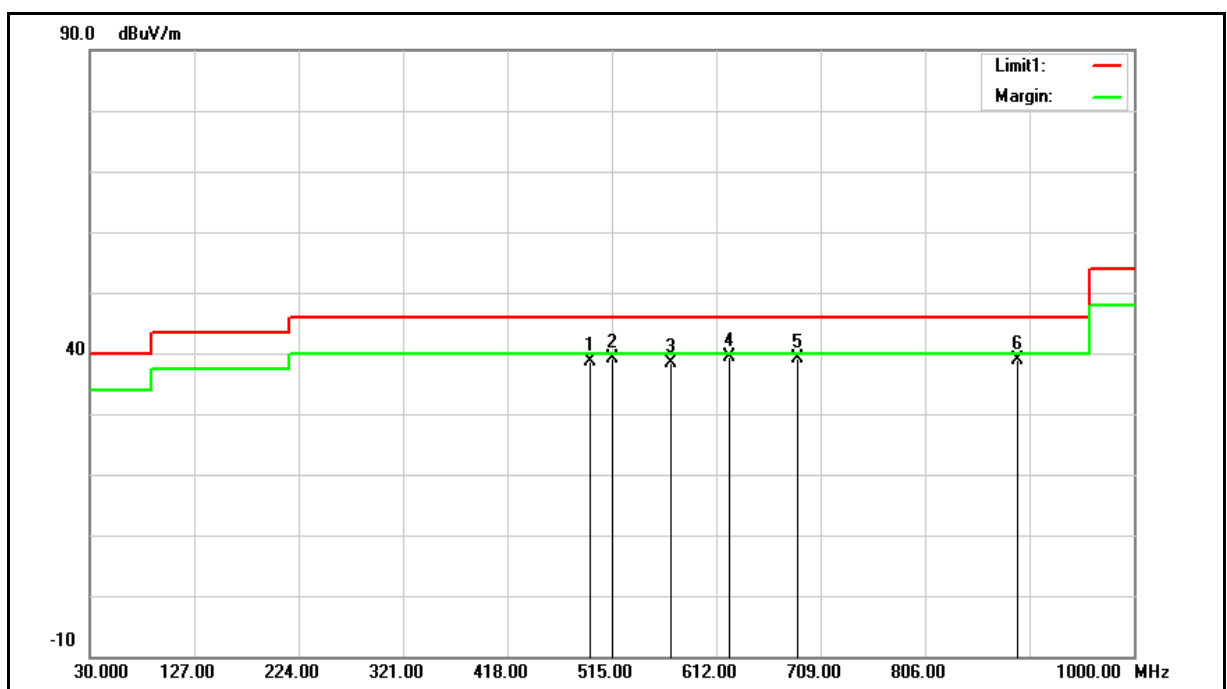
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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		
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	494.6300	58.35	-19.70	38.65	46.00	-7.35	QP
2	515.9700	58.45	-19.25	39.20	46.00	-6.80	QP
3	569.3200	56.32	-17.88	38.44	46.00	-7.56	QP
4	624.6100	56.19	-16.88	39.31	46.00	-6.69	QP
5	687.6600	55.23	-16.17	39.06	46.00	-6.94	QP
6	891.3600	52.13	-13.28	38.85	46.00	-7.15	QP

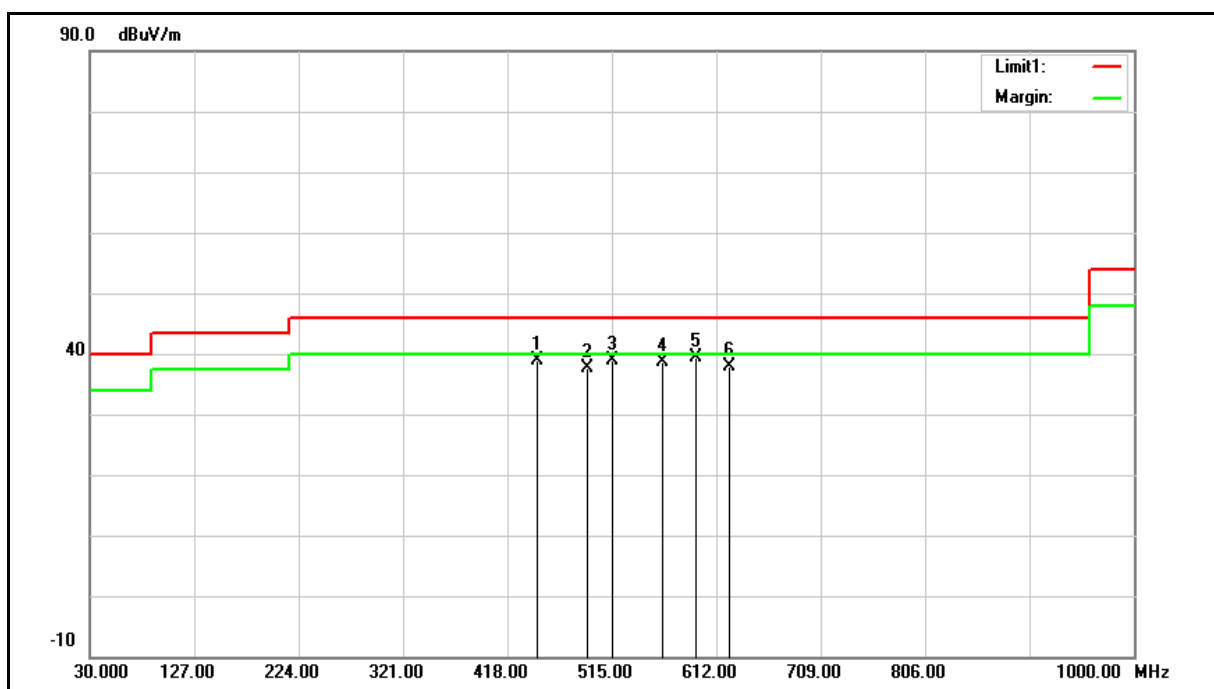
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $38.65 = -19.70 + 58.35$.

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:	Radiated Emission		
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	445.1600	59.16	-20.29	38.87	46.00	-7.13	QP
2	491.7200	57.35	-19.74	37.61	46.00	-8.39	QP
3	515.9700	58.15	-19.25	38.90	46.00	-7.10	QP
4	562.5300	56.70	-18.06	38.64	46.00	-7.36	QP
5	593.5700	56.77	-17.29	39.48	46.00	-6.52	QP
6	624.6100	54.77	-16.88	37.89	46.00	-8.11	QP

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

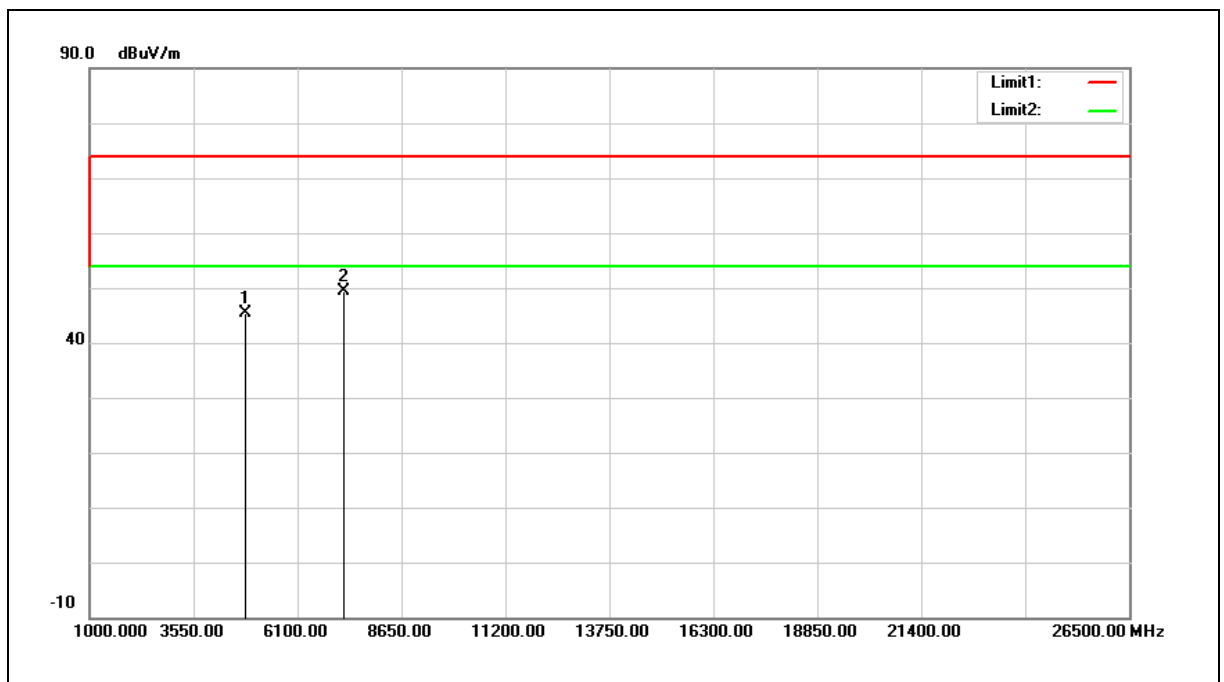
Example: $38.87 = -20.29 + 59.16$.

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

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

場強輻射量側 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412MHz		
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	46.57	-1.25	45.32	74.00	-28.68	peak
2	7236.000	43.55	5.85	49.40	74.00	-24.60	peak

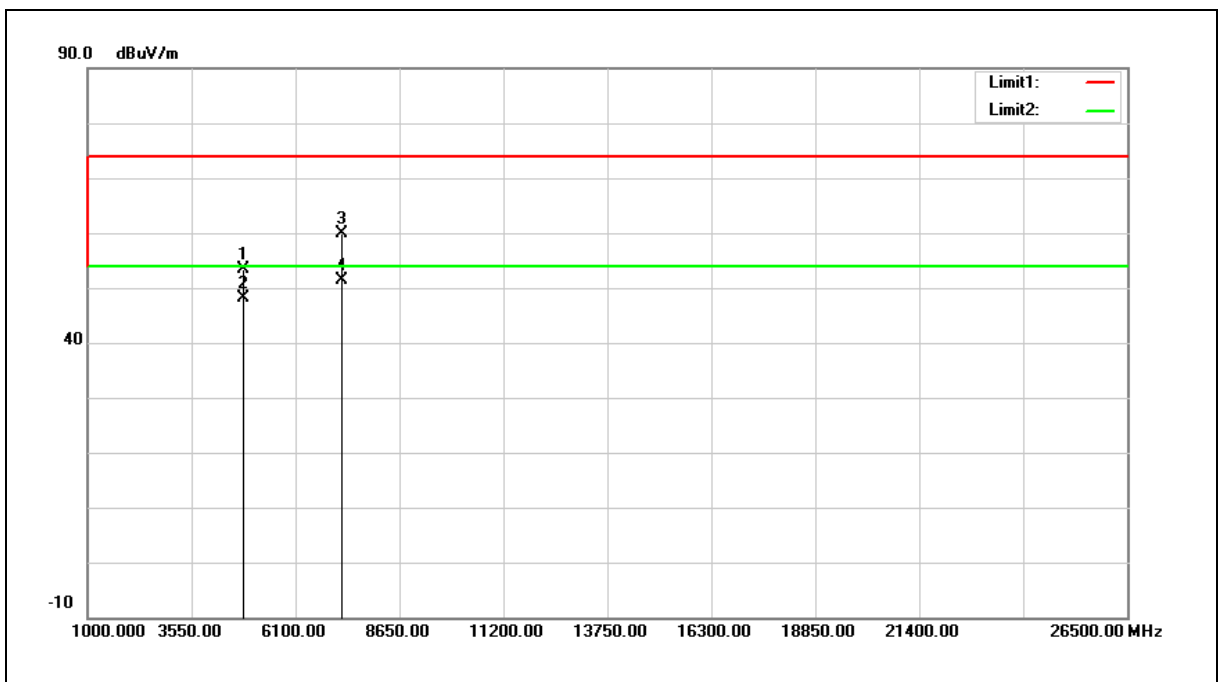
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 45.32 = -1.25 + 46.57.

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

3.When 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:	2412MHz		
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	54.62	-1.25	53.37	74.00	-20.63	peak
2	4824.000	49.47	-1.25	48.22	54.00	-5.78	AVG
3	7236.000	53.95	5.85	59.80	74.00	-14.20	peak
4	7236.000	45.60	5.85	51.45	54.00	-2.55	AVG

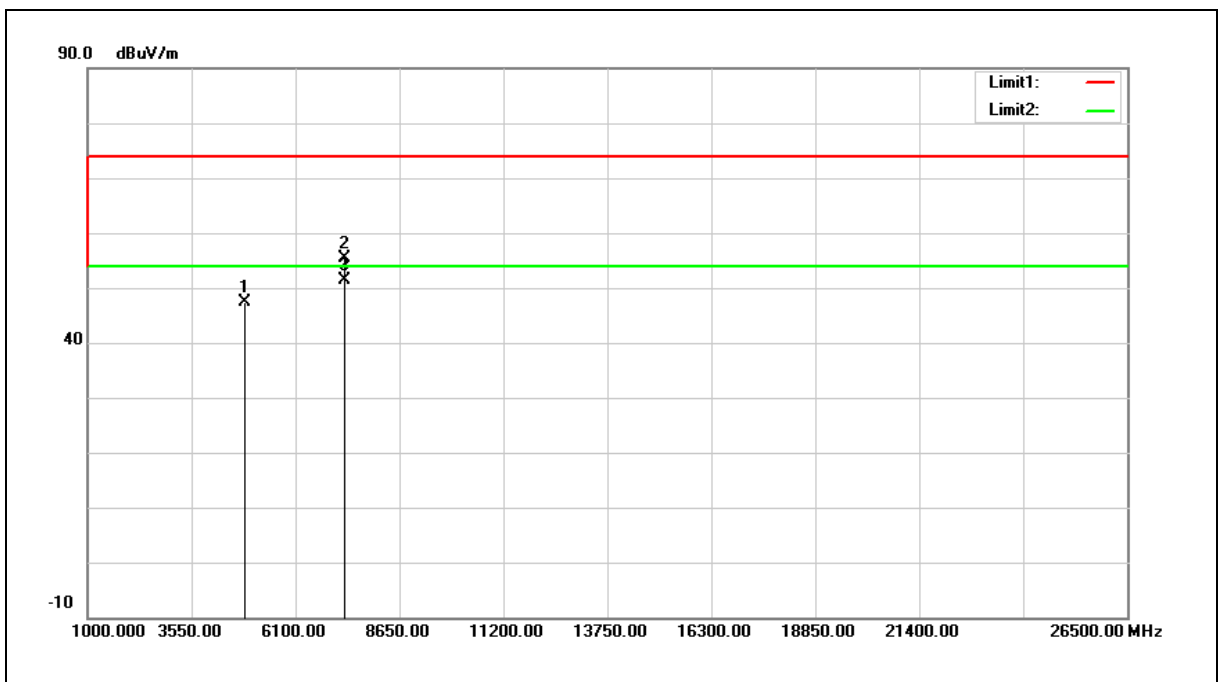
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $53.37 = -1.25 + 54.62$.

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

3.When 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:	2437MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



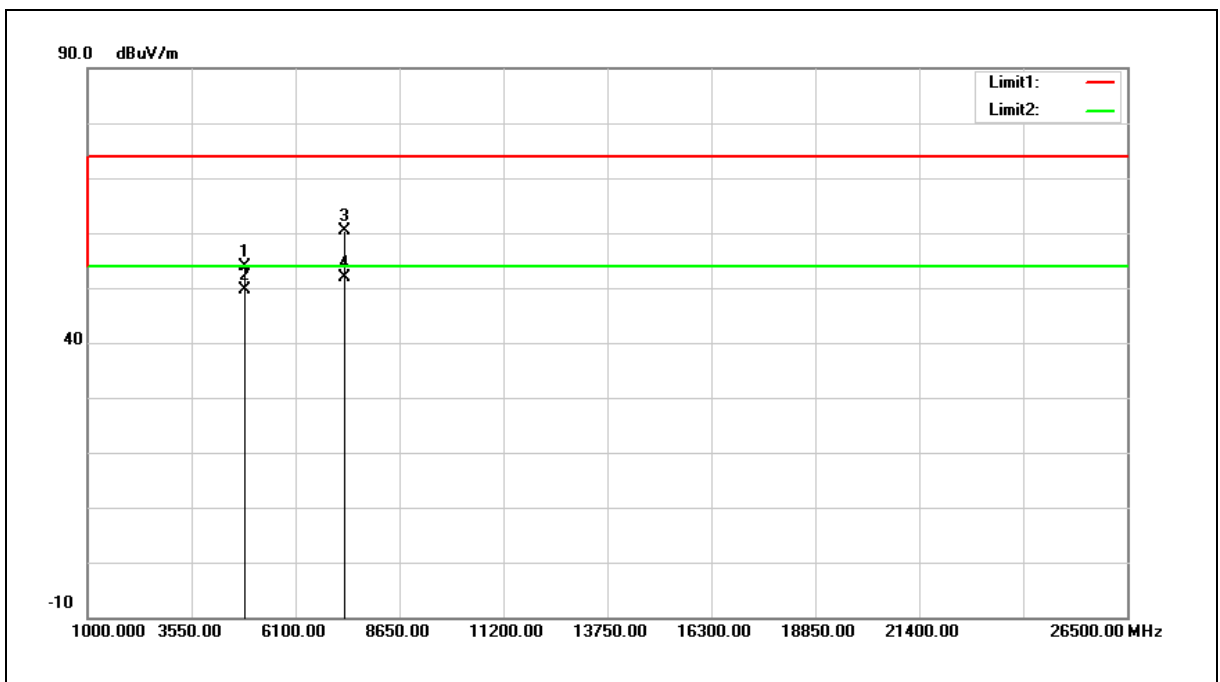
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	48.62	-1.12	47.50	74.00	-26.50	peak
2	7311.000	49.16	6.11	55.27	74.00	-18.73	peak
3	7311.000	45.31	6.11	51.42	54.00	-2.58	AVG

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

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

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

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



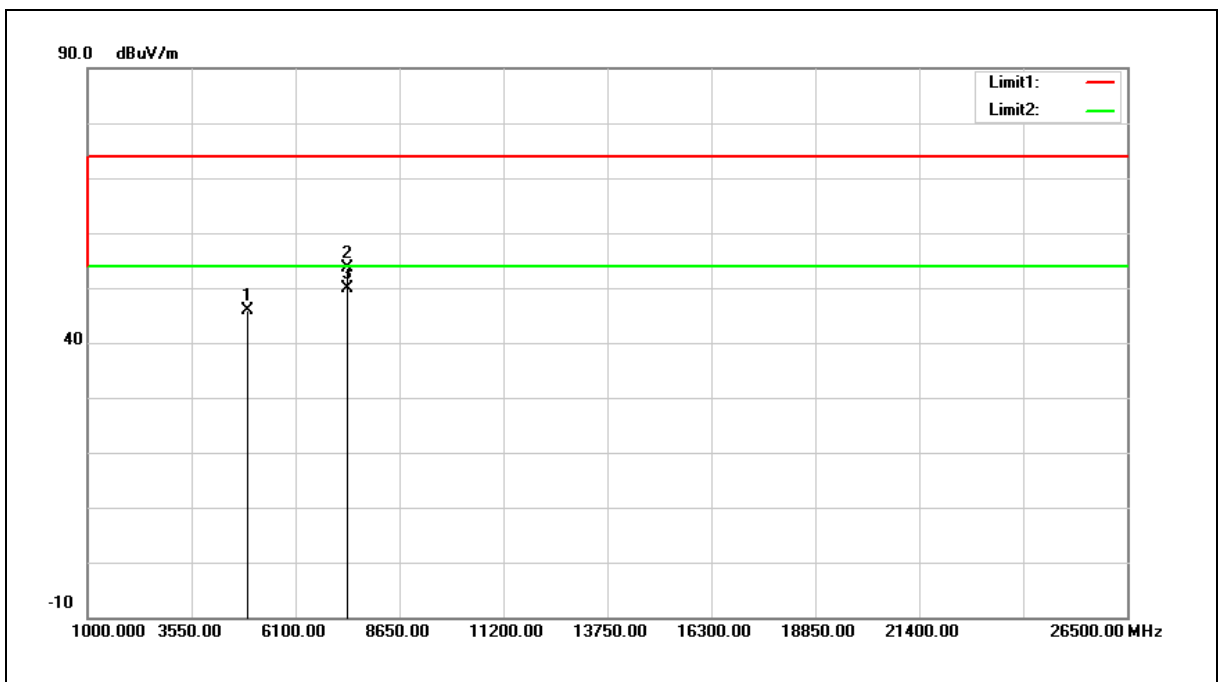
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	54.99	-1.12	53.87	74.00	-20.13	peak
2	4874.000	50.77	-1.12	49.65	54.00	-4.35	AVG
3	7311.000	54.38	6.11	60.49	74.00	-13.51	peak
4	7311.000	45.87	6.11	51.98	54.00	-2.02	AVG

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

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

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

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



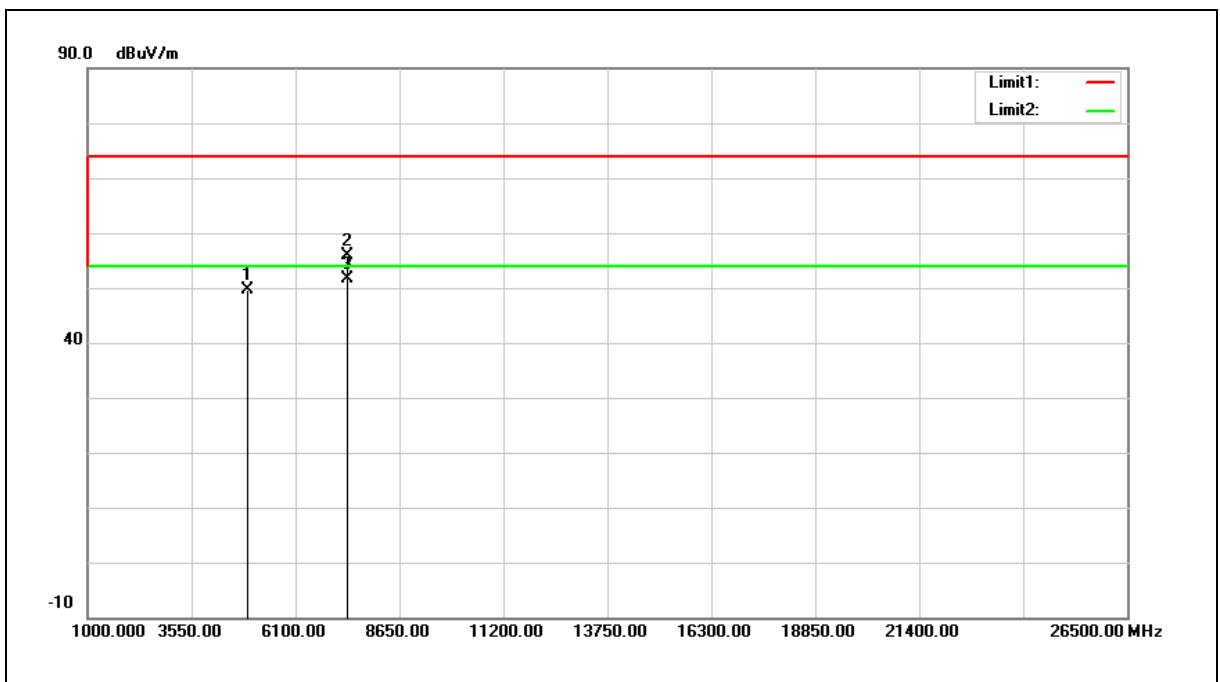
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	46.76	-0.99	45.77	74.00	-28.23	peak
2	7386.000	47.16	6.38	53.54	74.00	-20.46	peak
3	7386.000	43.49	6.38	49.87	54.00	-4.13	AVG

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

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

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

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



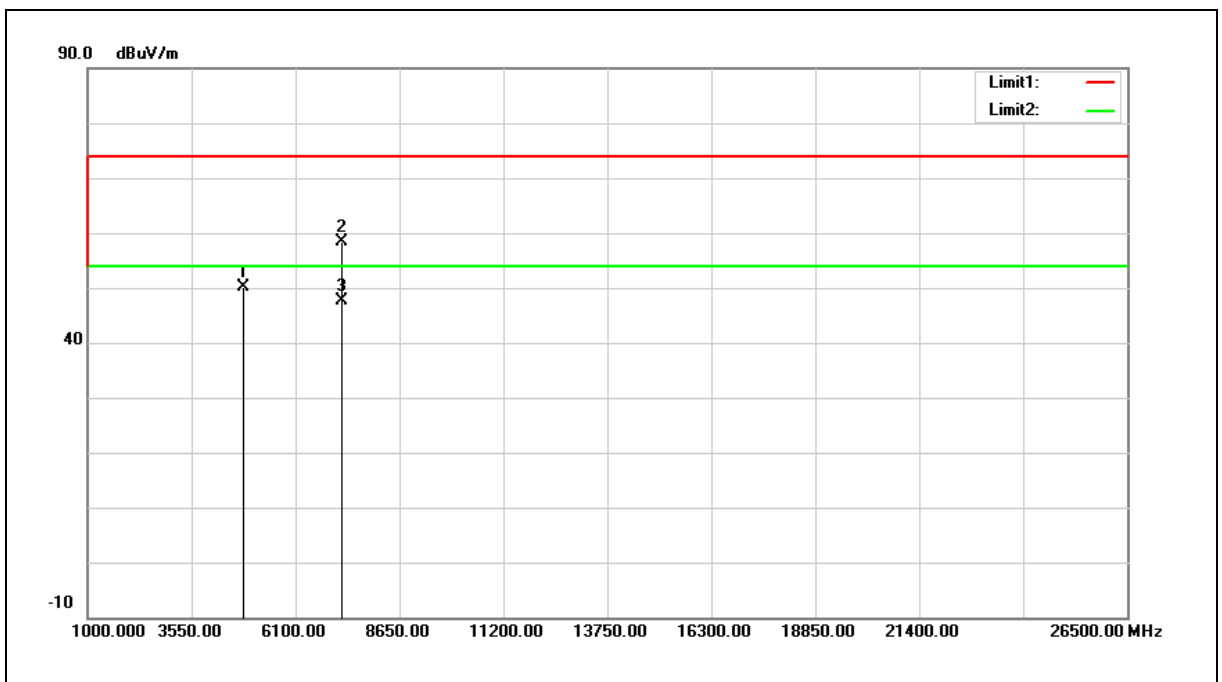
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	50.61	-0.99	49.62	74.00	-24.38	peak
2	7386.000	49.43	6.38	55.81	74.00	-18.19	peak
3	7386.000	45.13	6.38	51.51	54.00	-2.49	AVG

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

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

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

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



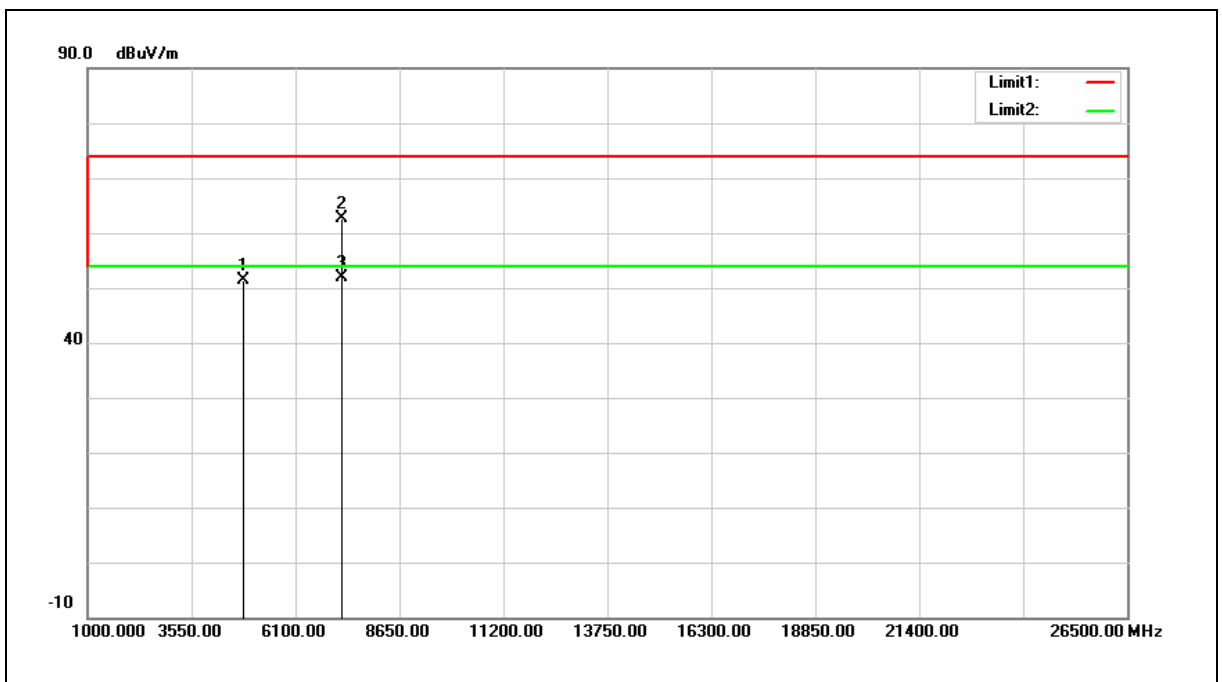
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	51.45	-1.25	50.20	74.00	-23.80	peak
2	7236.000	52.60	5.85	58.45	74.00	-15.55	peak
3	7236.000	41.77	5.85	47.62	54.00	-6.38	AVG

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

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

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

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



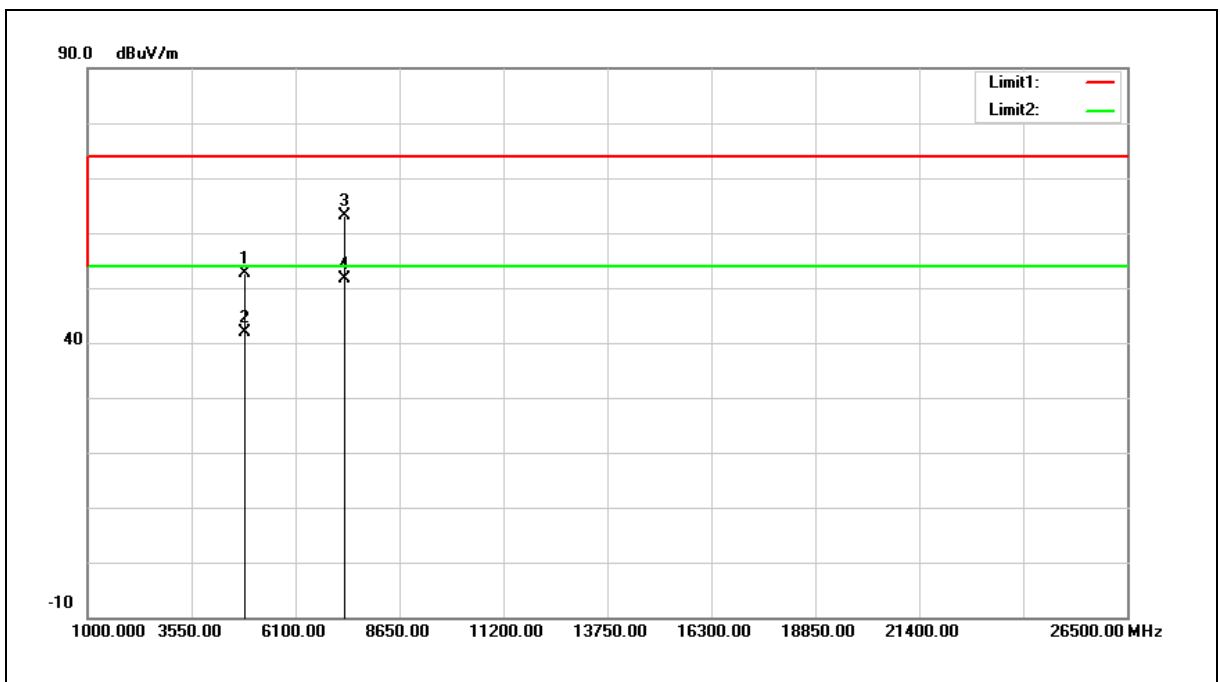
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	52.52	-1.25	51.27	74.00	-22.73	peak
2	7236.000	56.75	5.85	62.60	74.00	-11.40	peak
3	7236.000	46.05	5.85	51.90	54.00	-2.10	AVG

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

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

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

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



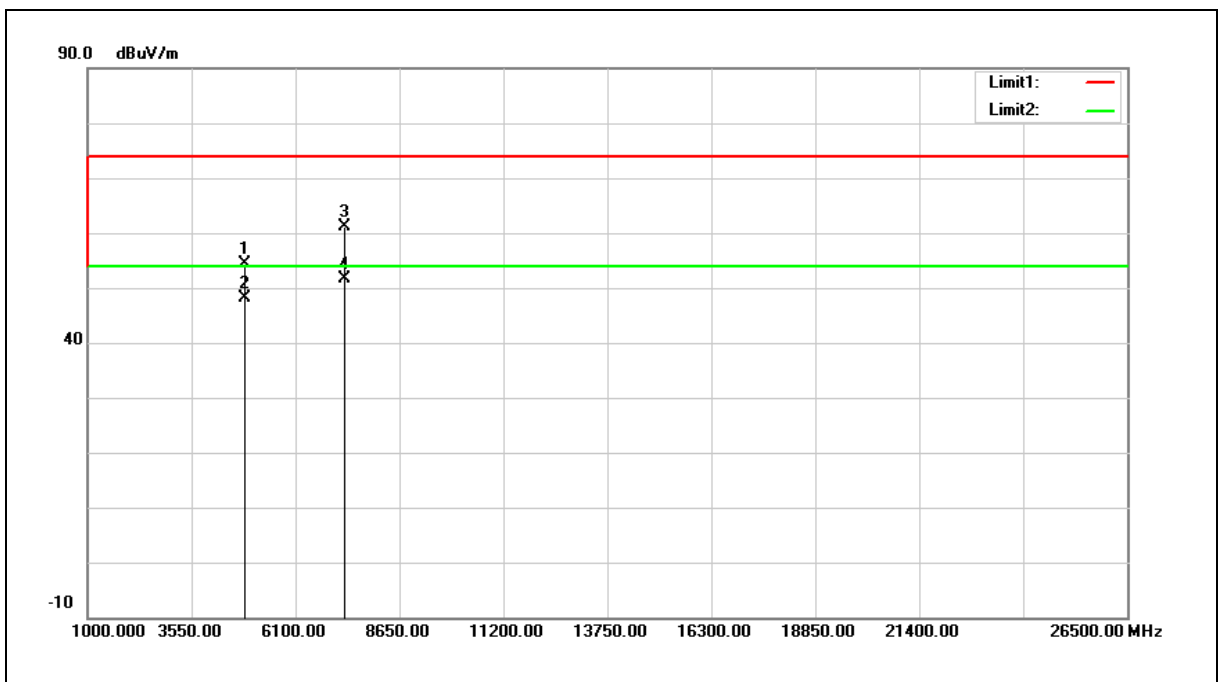
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	53.85	-1.12	52.73	74.00	-21.27	peak
2	4874.000	43.03	-1.12	41.91	54.00	-12.09	AVG
3	7311.000	57.00	6.11	63.11	74.00	-10.89	peak
4	7311.000	45.43	6.11	51.54	54.00	-2.46	AVG

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

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

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

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



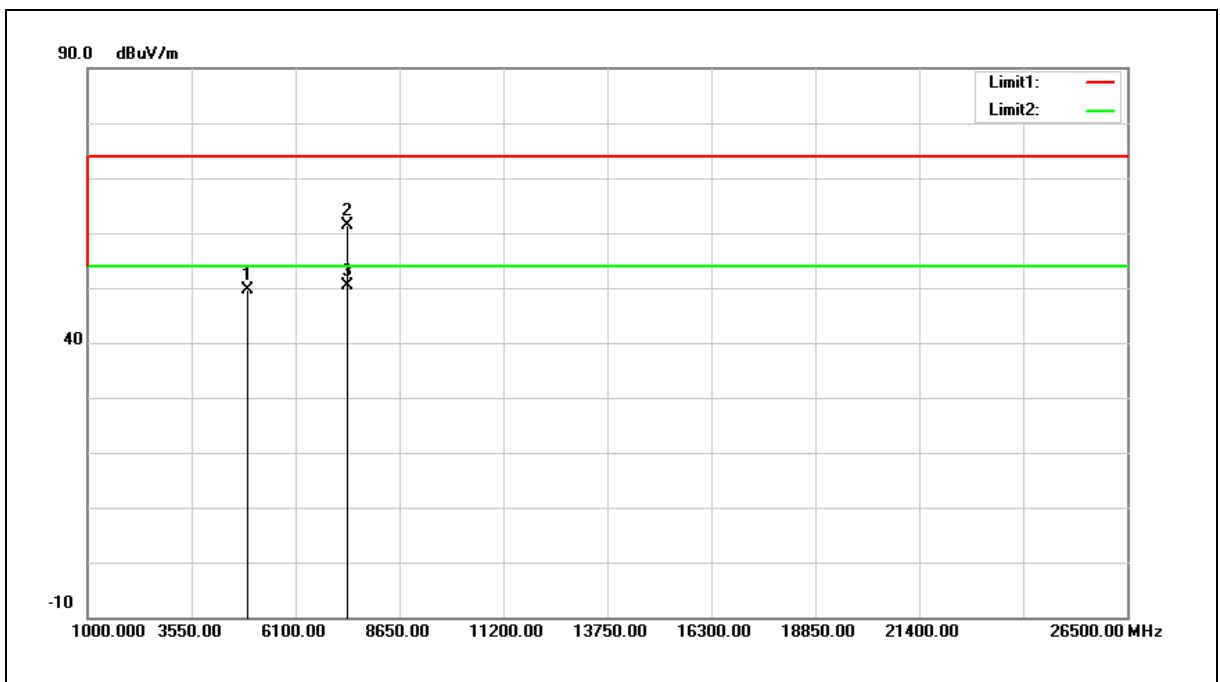
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	55.39	-1.12	54.27	74.00	-19.73	peak
2	4874.000	49.34	-1.12	48.22	54.00	-5.78	AVG
3	7311.000	55.00	6.11	61.11	74.00	-12.89	peak
4	7311.000	45.53	6.11	51.64	54.00	-2.36	AVG

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

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

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

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



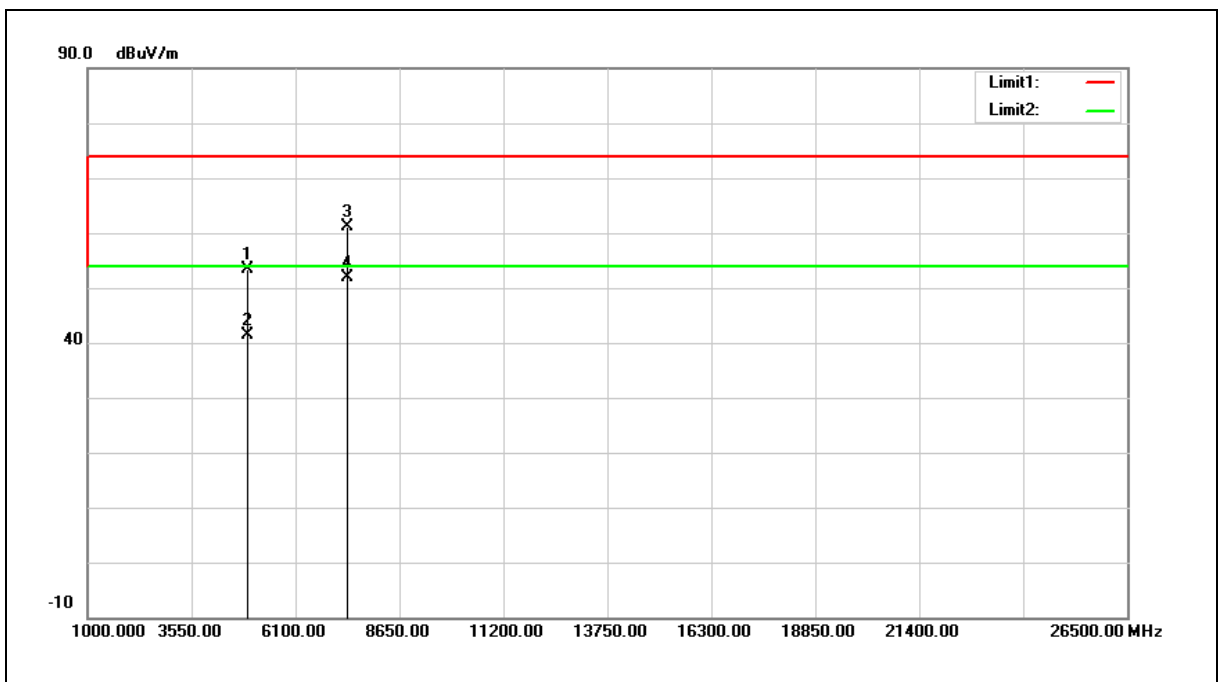
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	50.63	-0.99	49.64	74.00	-24.36	peak
2	7386.000	55.00	6.38	61.38	74.00	-12.62	peak
3	7386.000	44.00	6.38	50.38	54.00	-3.62	AVG

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



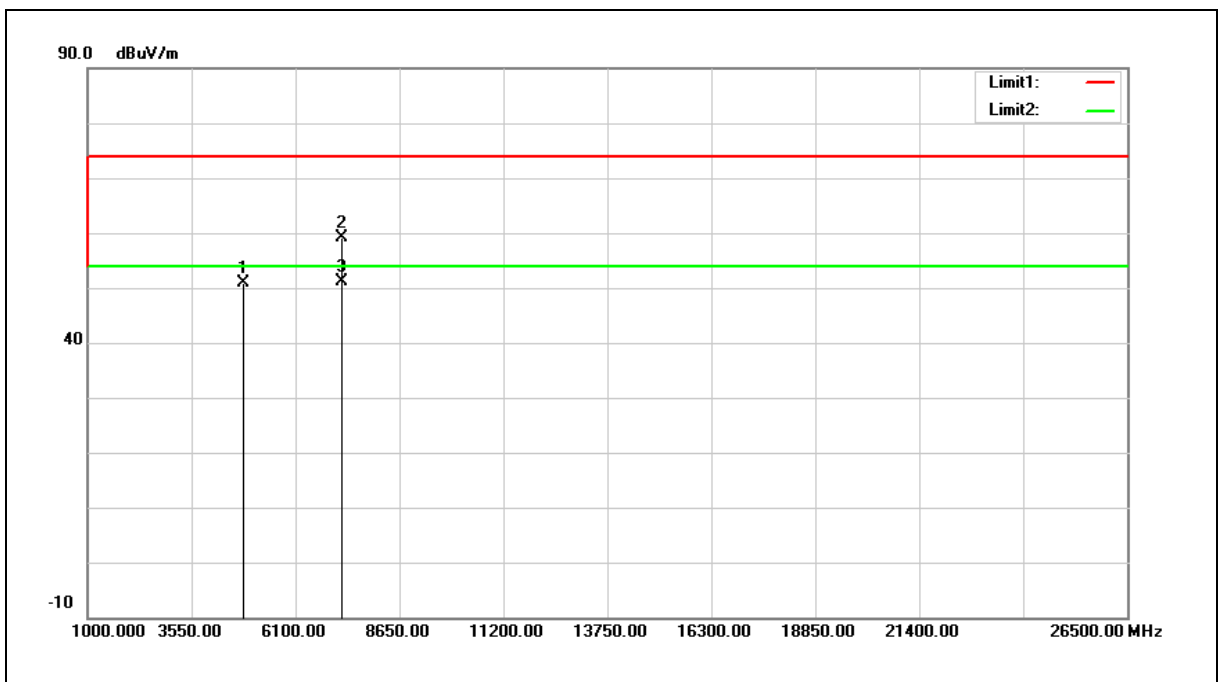
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	54.43	-0.99	53.44	74.00	-20.56	peak
2	4924.000	42.42	-0.99	41.43	54.00	-12.57	AVG
3	7386.000	54.67	6.38	61.05	74.00	-12.95	peak
4	7386.000	45.44	6.38	51.82	54.00	-2.18	AVG

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

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

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

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



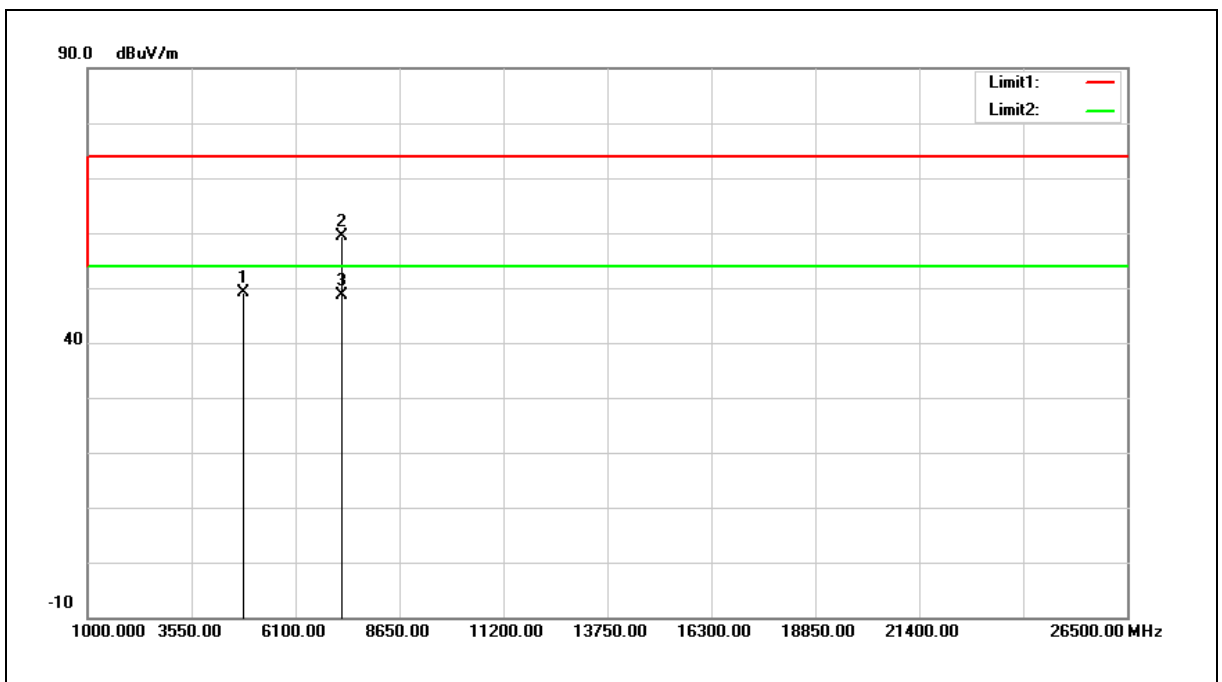
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	52.17	-1.25	50.92	74.00	-23.08	peak
2	7236.000	53.28	5.85	59.13	74.00	-14.87	peak
3	7236.000	45.29	5.85	51.14	54.00	-2.86	AVG

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

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

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

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



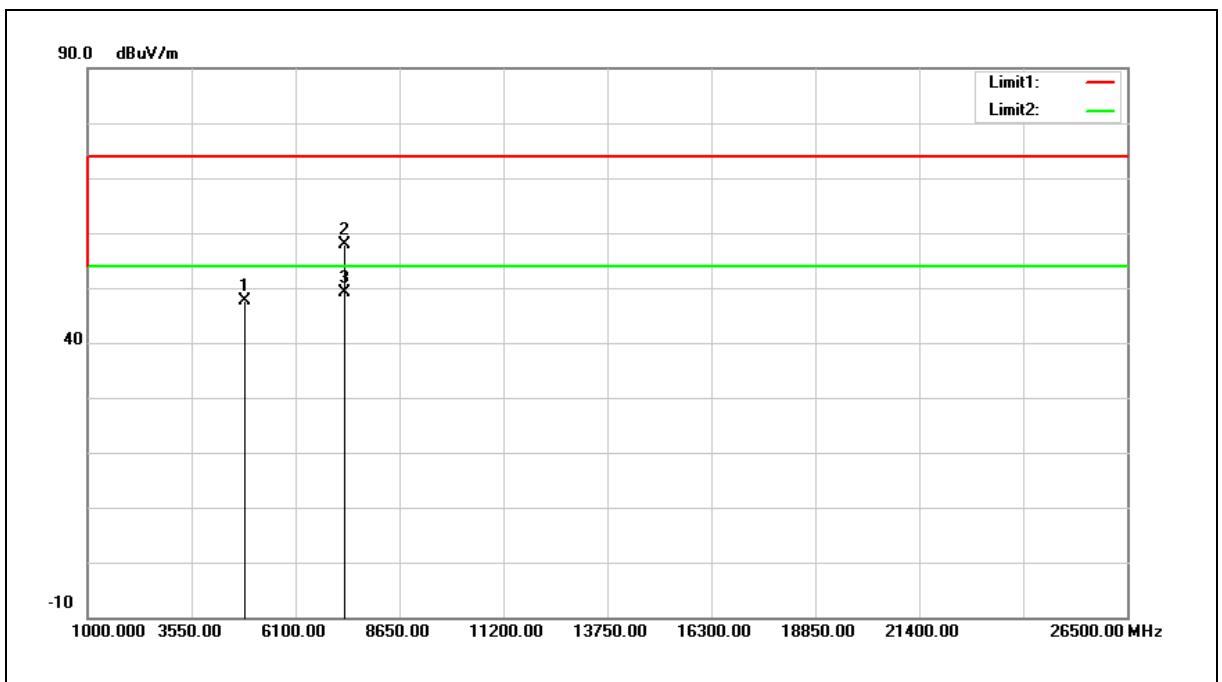
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	50.36	-1.25	49.11	74.00	-24.89	peak
2	7236.000	53.62	5.85	59.47	74.00	-14.53	peak
3	7236.000	42.81	5.85	48.66	54.00	-5.34	AVG

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

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

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

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



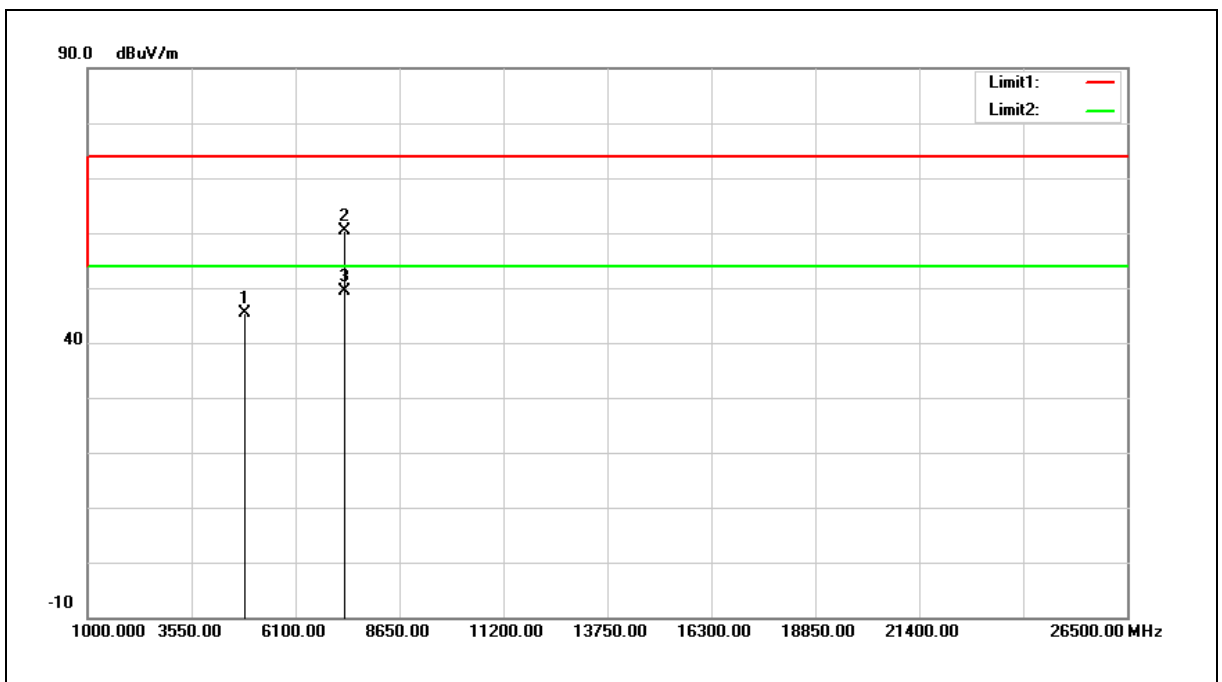
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	48.82	-1.12	47.70	74.00	-26.30	peak
2	7311.000	51.89	6.11	58.00	74.00	-16.00	peak
3	7311.000	42.91	6.11	49.02	54.00	-4.98	AVG

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

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

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

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



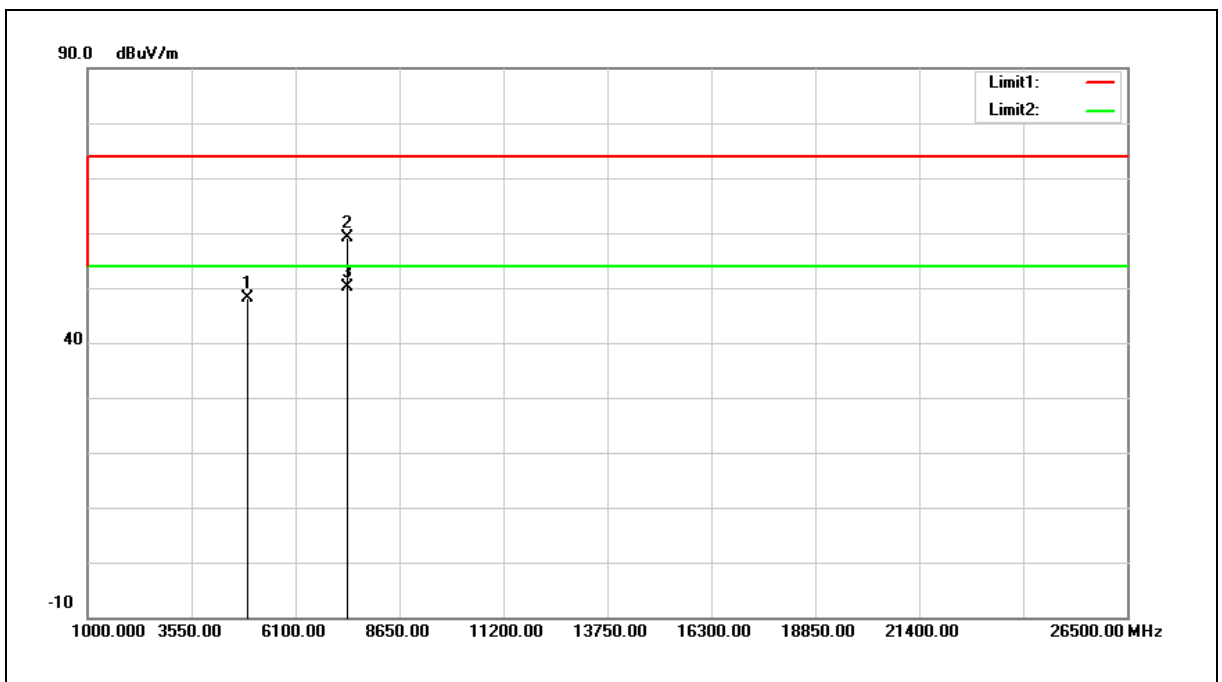
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	46.55	-1.12	45.43	74.00	-28.57	peak
2	7311.000	54.31	6.11	60.42	74.00	-13.58	peak
3	7311.000	43.25	6.11	49.36	54.00	-4.64	AVG

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

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

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

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



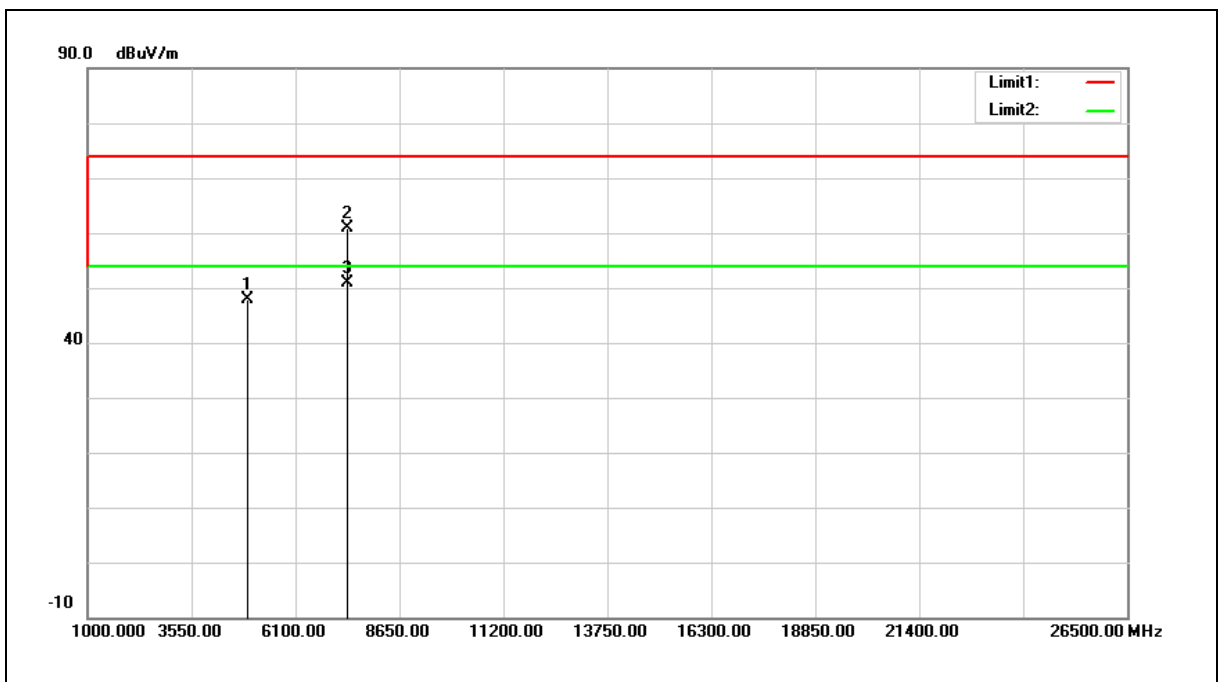
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	49.24	-0.99	48.25	74.00	-25.75	peak
2	7386.000	52.74	6.38	59.12	74.00	-14.88	peak
3	7386.000	43.66	6.38	50.04	54.00	-3.96	AVG

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

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

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

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



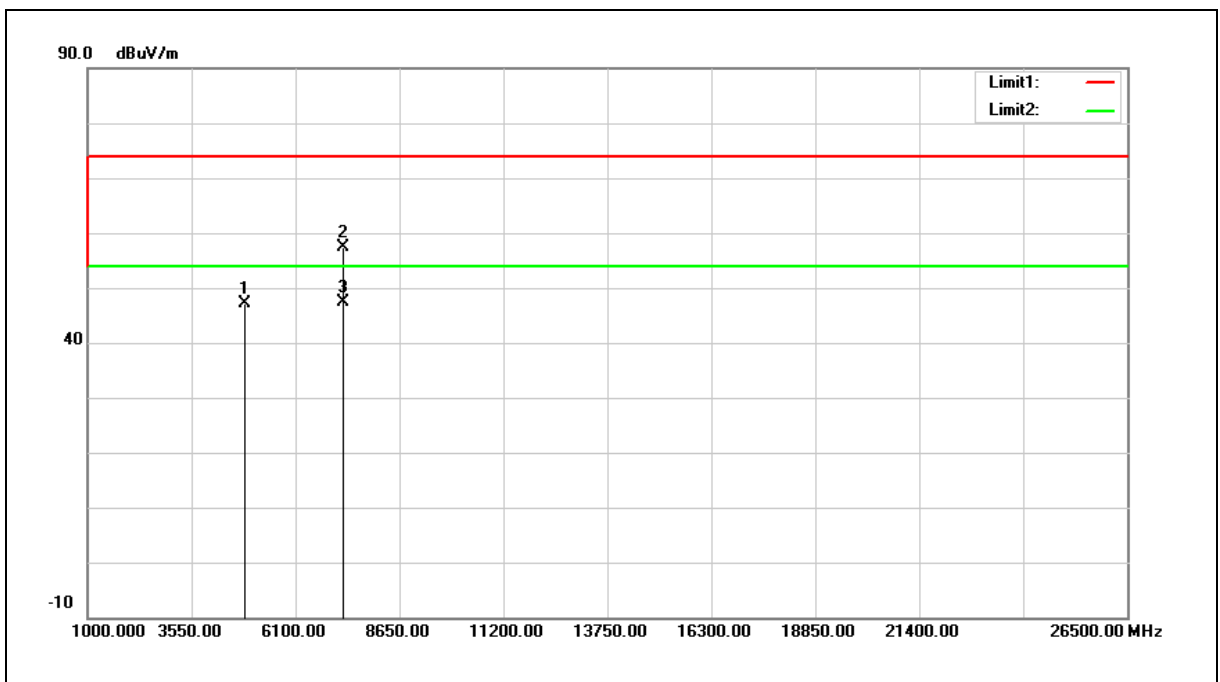
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	48.93	-0.99	47.94	74.00	-26.06	peak
2	7386.000	54.50	6.38	60.88	74.00	-13.12	peak
3	7386.000	44.57	6.38	50.95	54.00	-3.05	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2422MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



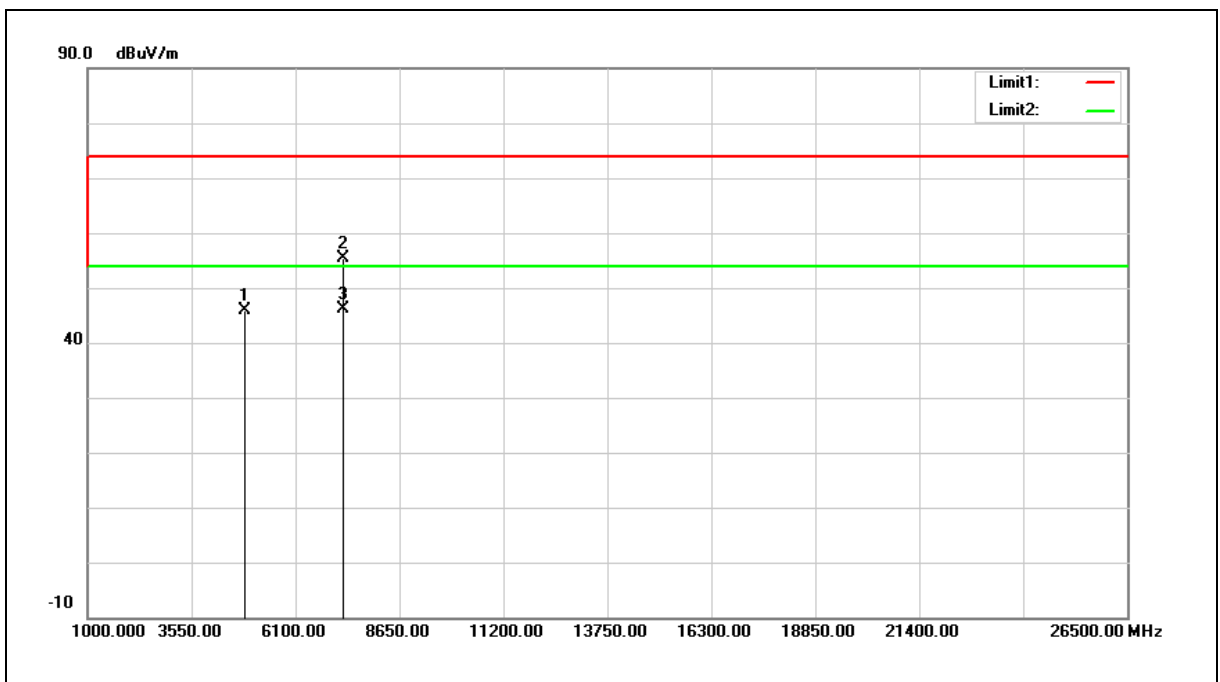
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	48.23	-1.19	47.04	74.00	-26.96	peak
2	7266.000	51.41	5.95	57.36	74.00	-16.64	peak
3	7266.000	41.47	5.95	47.42	54.00	-6.58	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2422MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



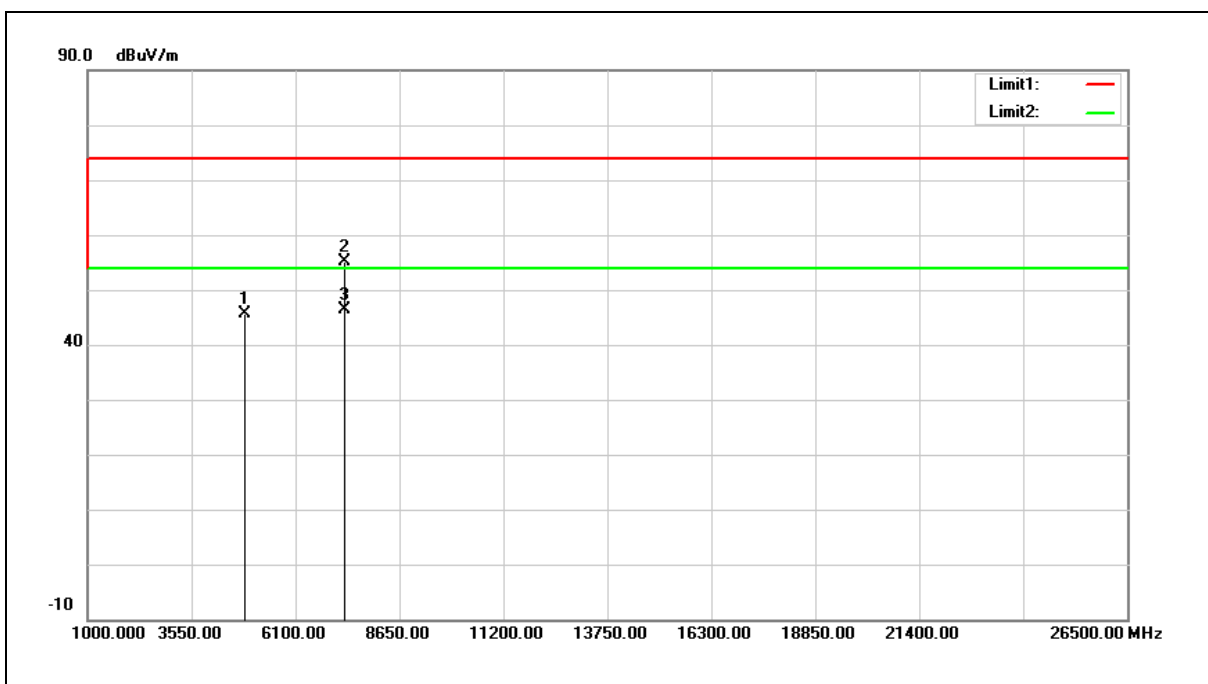
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	47.09	-1.19	45.90	74.00	-28.10	peak
2	7266.000	49.31	5.95	55.26	74.00	-18.74	peak
3	7266.000	40.28	5.95	46.23	54.00	-7.77	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



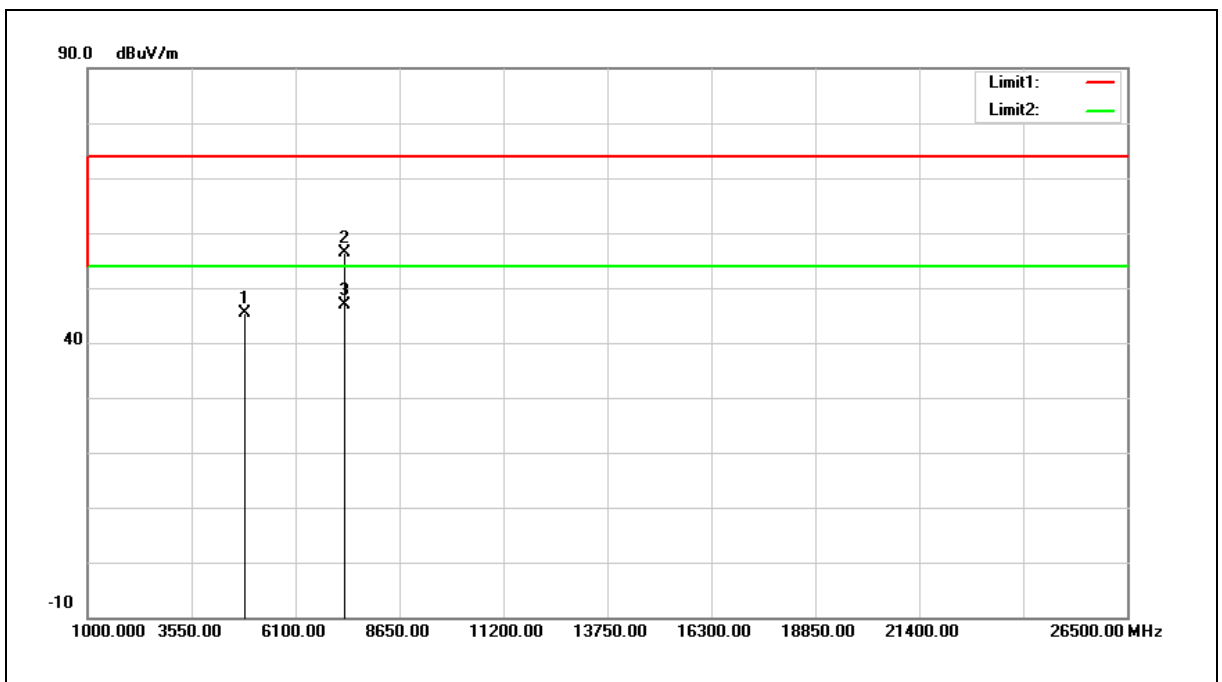
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	46.83	-1.12	45.71	74.00	-28.29	peak
2	7311.000	48.98	6.11	55.09	74.00	-18.91	peak
3	7311.000	40.26	6.11	46.37	54.00	-7.63	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



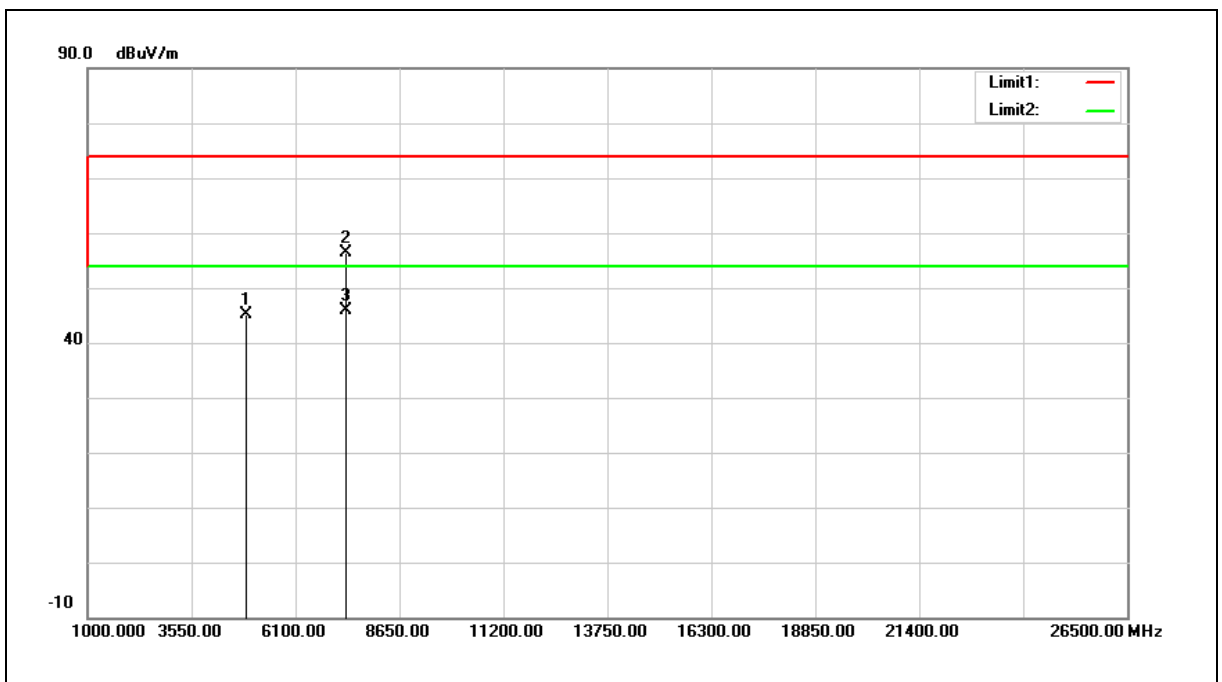
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	46.55	-1.12	45.43	74.00	-28.57	peak
2	7311.000	50.27	6.11	56.38	74.00	-17.62	peak
3	7311.000	40.75	6.11	46.86	54.00	-7.14	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2452MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



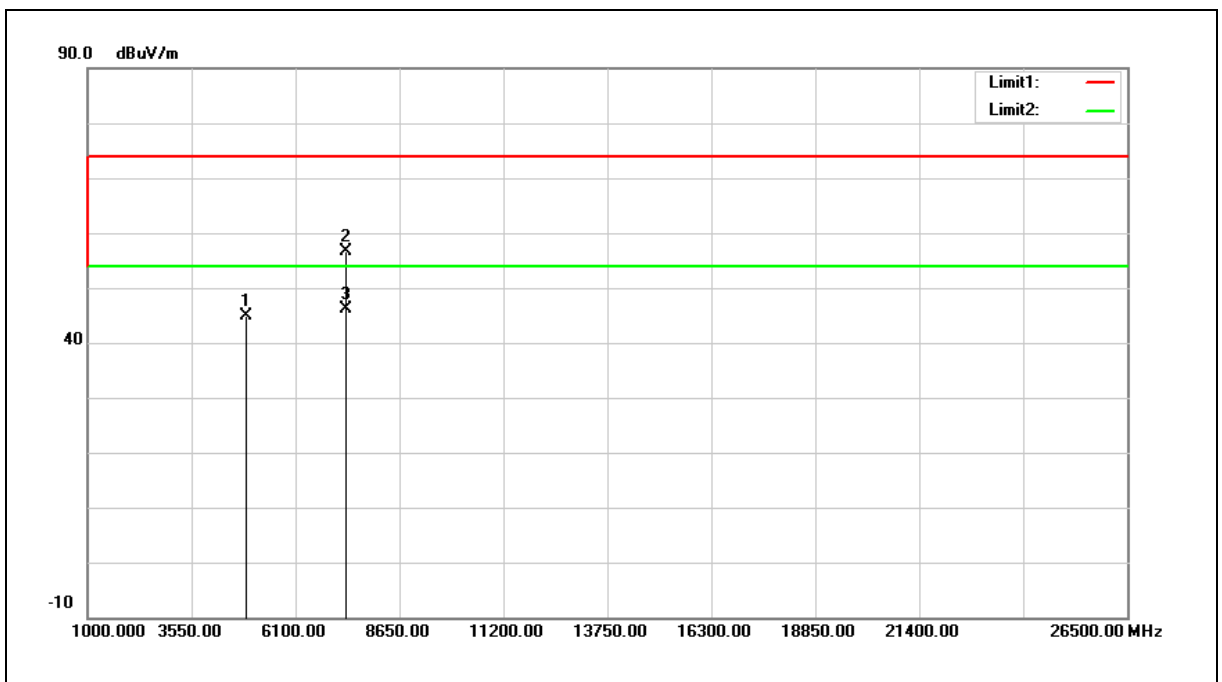
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	46.25	-1.04	45.21	74.00	-28.79	peak
2	7356.000	50.08	6.27	56.35	74.00	-17.65	peak
3	7356.000	39.59	6.27	45.86	54.00	-8.14	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2452MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



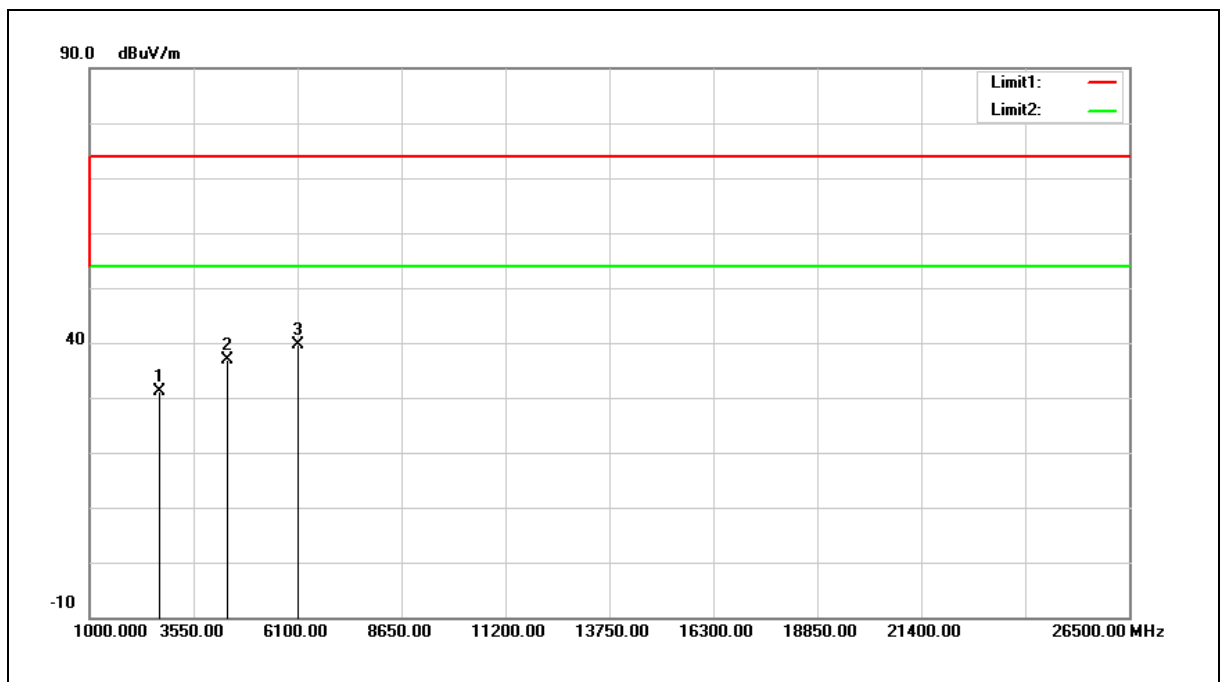
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	45.83	-1.04	44.79	74.00	-29.21	peak
2	7356.000	50.30	6.27	56.57	74.00	-17.43	peak
3	7356.000	39.92	6.27	46.19	54.00	-7.81	AVG

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



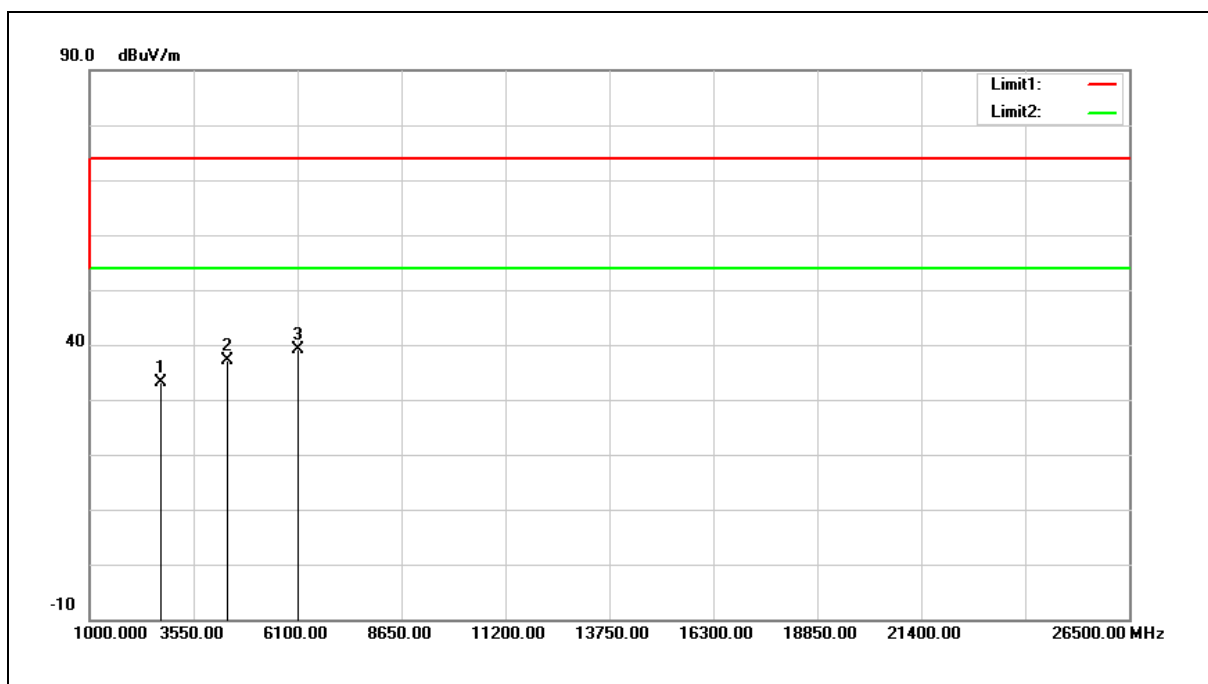
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2717.000	37.51	-6.39	31.12	74.00	-42.88	peak
2	4366.000	39.48	-2.50	36.98	74.00	-37.02	peak
3	6083.000	37.79	1.86	39.65	74.00	-34.35	peak

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

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

3.When 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	2717.000	39.49	-6.39	33.10	74.00	-40.90	peak
2	4366.000	39.65	-2.50	37.15	74.00	-36.85	peak
3	6117.000	37.05	1.99	39.04	74.00	-34.96	peak

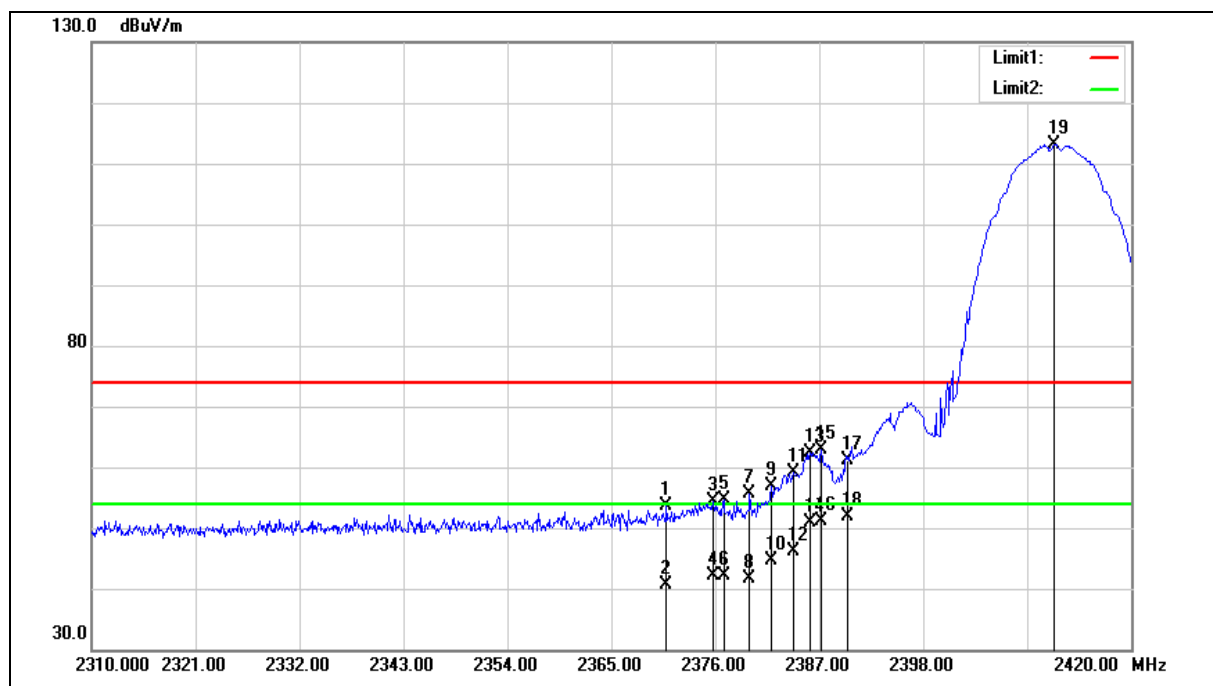
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + 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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Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



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

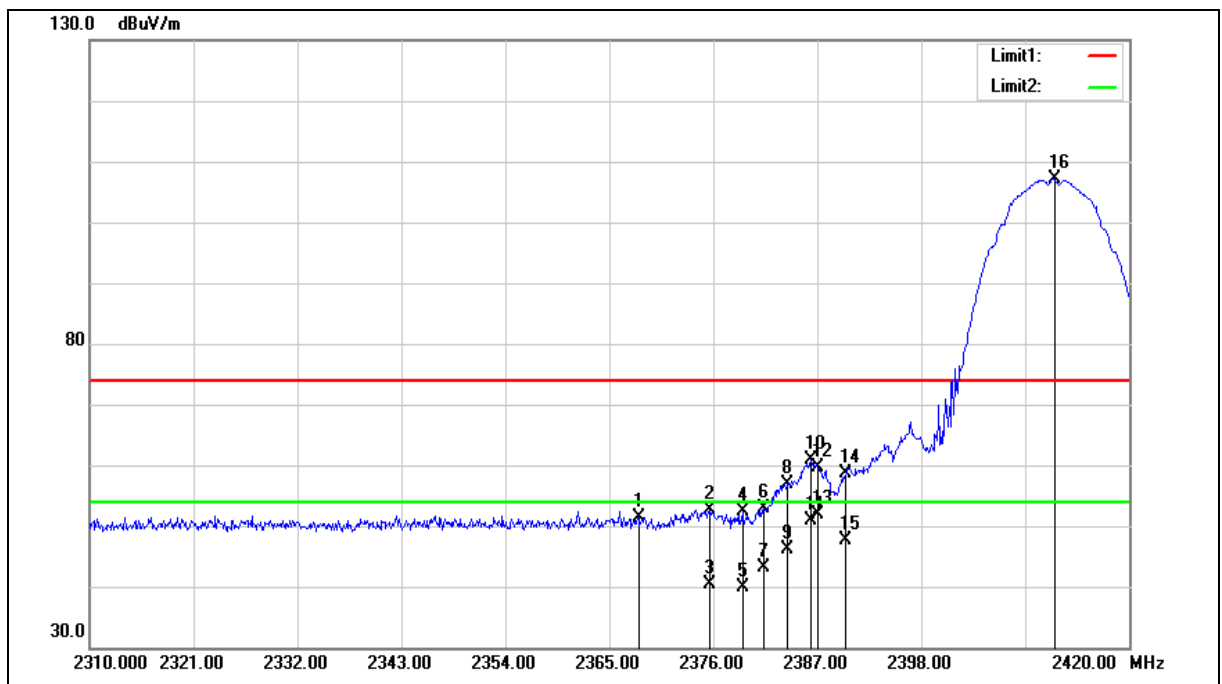
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2370.830	61.50	-7.80	53.70	74.00	-20.30	peak
2	2370.830	48.37	-7.80	40.57	54.00	-13.43	AVG
3	2375.780	62.17	-7.77	54.40	74.00	-19.60	peak
4	2375.780	49.93	-7.77	42.16	54.00	-11.84	AVG
5	2376.880	62.28	-7.77	54.51	74.00	-19.49	peak
6	2376.880	49.84	-7.77	42.07	54.00	-11.93	AVG
7	2379.630	63.37	-7.76	55.61	74.00	-18.39	peak
8	2379.630	49.40	-7.76	41.64	54.00	-12.36	AVG
9	2381.940	64.58	-7.75	56.83	74.00	-17.17	peak
10	2381.940	52.45	-7.75	44.70	54.00	-9.30	AVG
11	2384.250	67.00	-7.75	59.25	74.00	-14.75	peak
12	2384.250	54.00	-7.75	46.25	54.00	-7.75	AVG
13	2386.010	70.14	-7.73	62.41	74.00	-11.59	peak
14	2386.010	58.57	-7.73	50.84	54.00	-3.16	AVG
15	2387.220	70.70	-7.73	62.97	74.00	-11.03	peak
16	2387.220	58.77	-7.73	51.04	54.00	-2.96	AVG
17	2390.000	68.80	-7.72	61.08	74.00	-12.92	peak
18	2390.000	59.66	-7.72	51.94	54.00	-2.06	AVG
19	2411.860	120.81	-7.63	113.18	--	--	peak

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

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

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

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



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

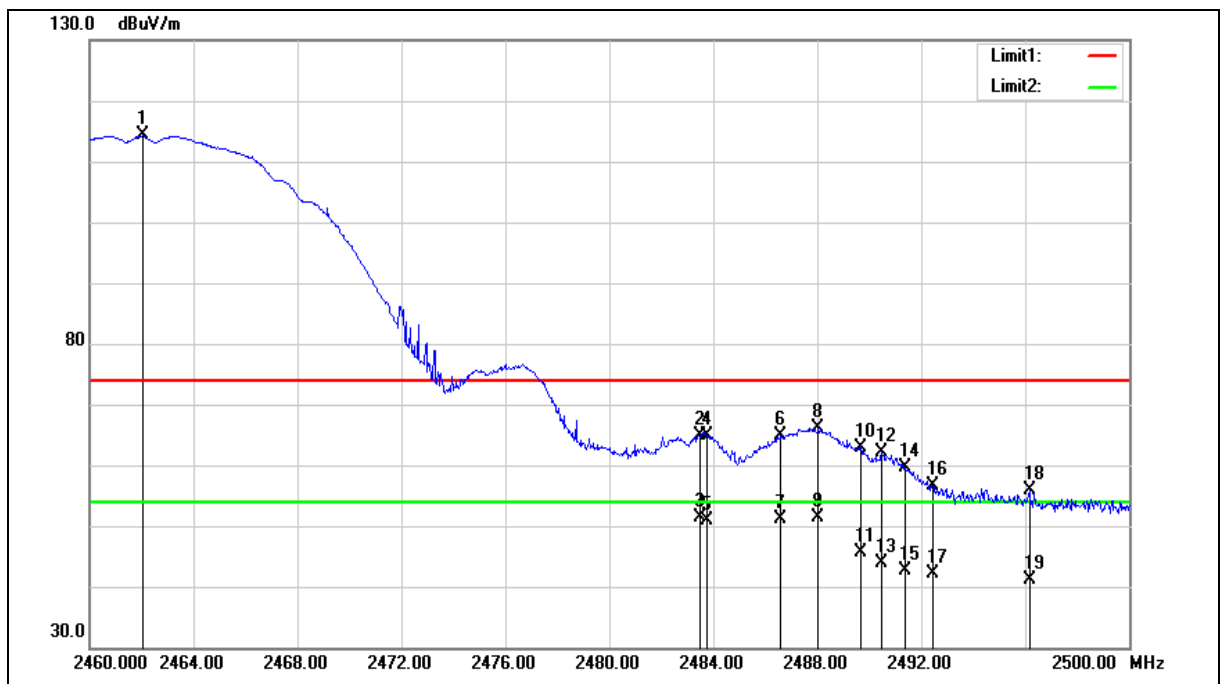
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2368.080	59.29	-7.81	51.48	74.00	-22.52	peak
2	2375.670	60.34	-7.77	52.57	74.00	-21.43	peak
3	2375.670	48.19	-7.77	40.42	54.00	-13.58	AVG
4	2379.080	60.20	-7.76	52.44	74.00	-21.56	peak
5	2379.080	47.64	-7.76	39.88	54.00	-14.12	AVG
6	2381.280	60.66	-7.76	52.90	74.00	-21.10	peak
7	2381.280	50.83	-7.76	43.07	54.00	-10.93	AVG
8	2383.810	64.70	-7.75	56.95	74.00	-17.05	peak
9	2383.810	53.96	-7.75	46.21	54.00	-7.79	AVG
10	2386.340	68.59	-7.73	60.86	74.00	-13.14	peak
11	2386.340	58.51	-7.73	50.78	54.00	-3.22	AVG
12	2387.110	67.34	-7.73	59.61	74.00	-14.39	peak
13	2387.110	59.66	-7.73	51.93	54.00	-2.07	AVG
14	2390.000	66.29	-7.72	58.57	74.00	-15.43	peak
15	2390.000	55.40	-7.72	47.68	54.00	-6.32	AVG
16	2412.080	114.83	-7.63	107.20	--	--	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:	2462MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



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

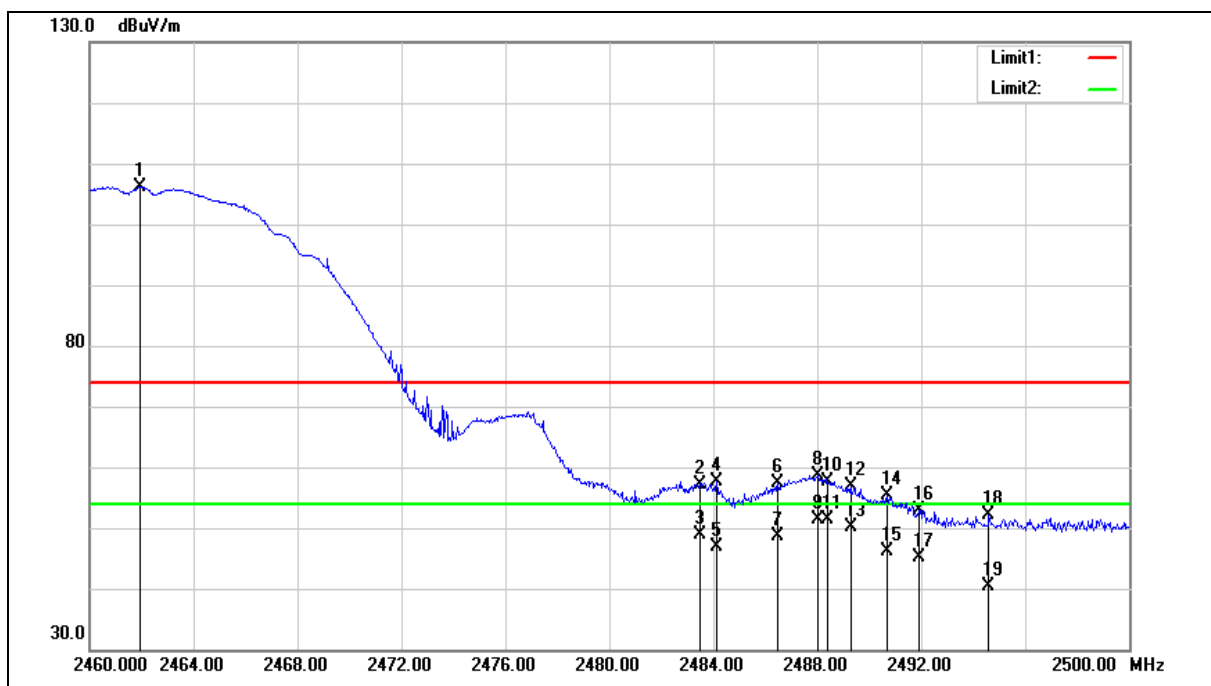
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.040	121.81	-7.42	114.39	--	--	peak
2	2483.500	72.20	-7.34	64.86	74.00	-9.14	peak
3	2483.500	58.68	-7.34	51.34	54.00	-2.66	AVG
4	2483.760	72.14	-7.34	64.80	74.00	-9.20	peak
5	2483.760	58.27	-7.34	50.93	54.00	-3.07	AVG
6	2486.600	72.26	-7.32	64.94	74.00	-9.06	peak
7	2486.600	58.35	-7.32	51.03	54.00	-2.97	AVG
8	2488.040	73.48	-7.32	66.16	74.00	-7.84	peak
9	2488.040	58.62	-7.32	51.30	54.00	-2.70	AVG
10	2489.680	70.31	-7.31	63.00	74.00	-11.00	peak
11	2489.680	52.88	-7.31	45.57	54.00	-8.43	AVG
12	2490.480	69.44	-7.31	62.13	74.00	-11.87	peak
13	2490.480	51.24	-7.31	43.93	54.00	-10.07	AVG
14	2491.400	67.05	-7.31	59.74	74.00	-14.26	peak
15	2491.400	49.88	-7.31	42.57	54.00	-11.43	AVG
16	2492.440	63.81	-7.30	56.51	74.00	-17.49	peak
17	2492.440	49.37	-7.30	42.07	54.00	-11.93	AVG
18	2496.160	63.09	-7.28	55.81	74.00	-18.19	peak
19	2496.160	48.46	-7.28	41.18	54.00	-12.82	AVG

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

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

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

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



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

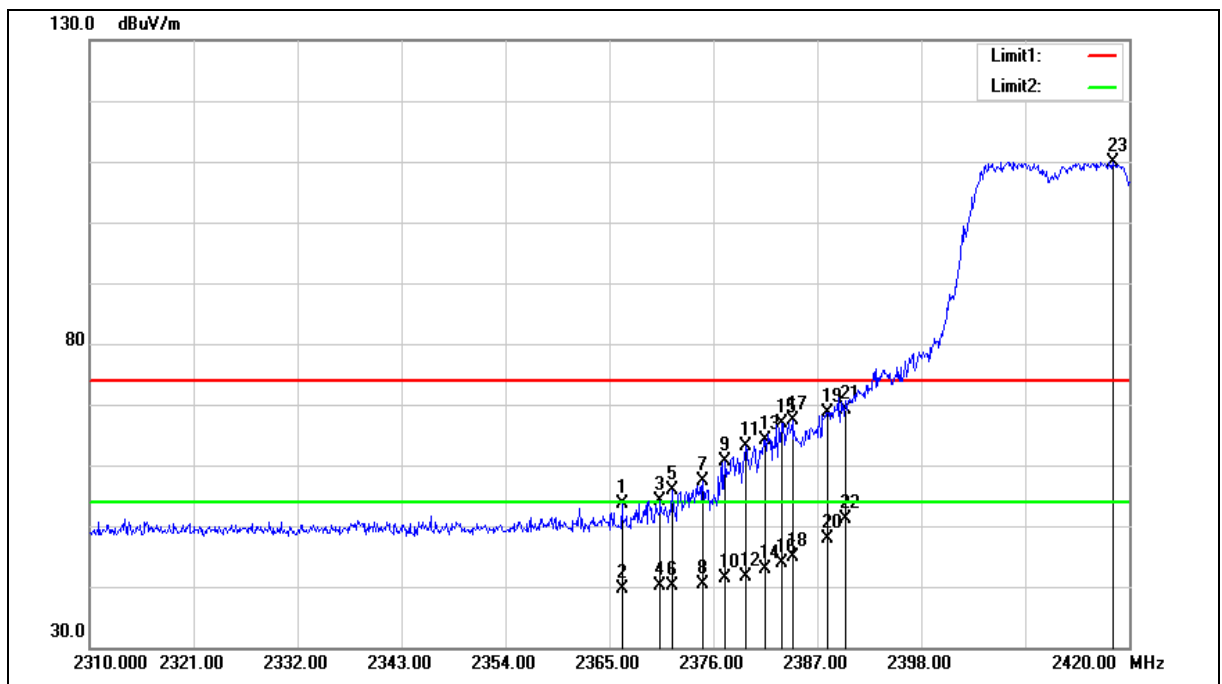
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2461.960	113.56	-7.42	106.14	--	--	peak
2	2483.500	64.42	-7.34	57.08	74.00	-16.92	peak
3	2483.500	56.23	-7.34	48.89	54.00	-5.11	AVG
4	2484.120	64.98	-7.34	57.64	74.00	-16.36	peak
5	2484.120	54.12	-7.34	46.78	54.00	-7.22	AVG
6	2486.480	64.74	-7.32	57.42	74.00	-16.58	peak
7	2486.480	55.93	-7.32	48.61	54.00	-5.39	AVG
8	2488.040	65.98	-7.32	58.66	74.00	-15.34	peak
9	2488.040	58.69	-7.32	51.37	54.00	-2.63	AVG
10	2488.400	65.03	-7.31	57.72	74.00	-16.28	peak
11	2488.400	58.63	-7.31	51.32	54.00	-2.68	AVG
12	2489.280	64.22	-7.31	56.91	74.00	-17.09	peak
13	2489.280	57.41	-7.31	50.10	54.00	-3.90	AVG
14	2490.680	62.62	-7.31	55.31	74.00	-18.69	peak
15	2490.680	53.42	-7.31	46.11	54.00	-7.89	AVG
16	2491.920	60.25	-7.30	52.95	74.00	-21.05	peak
17	2491.920	52.46	-7.30	45.16	54.00	-8.84	AVG
18	2494.600	59.44	-7.29	52.15	74.00	-21.85	peak
19	2494.600	47.70	-7.29	40.41	54.00	-13.59	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:	2412MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



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

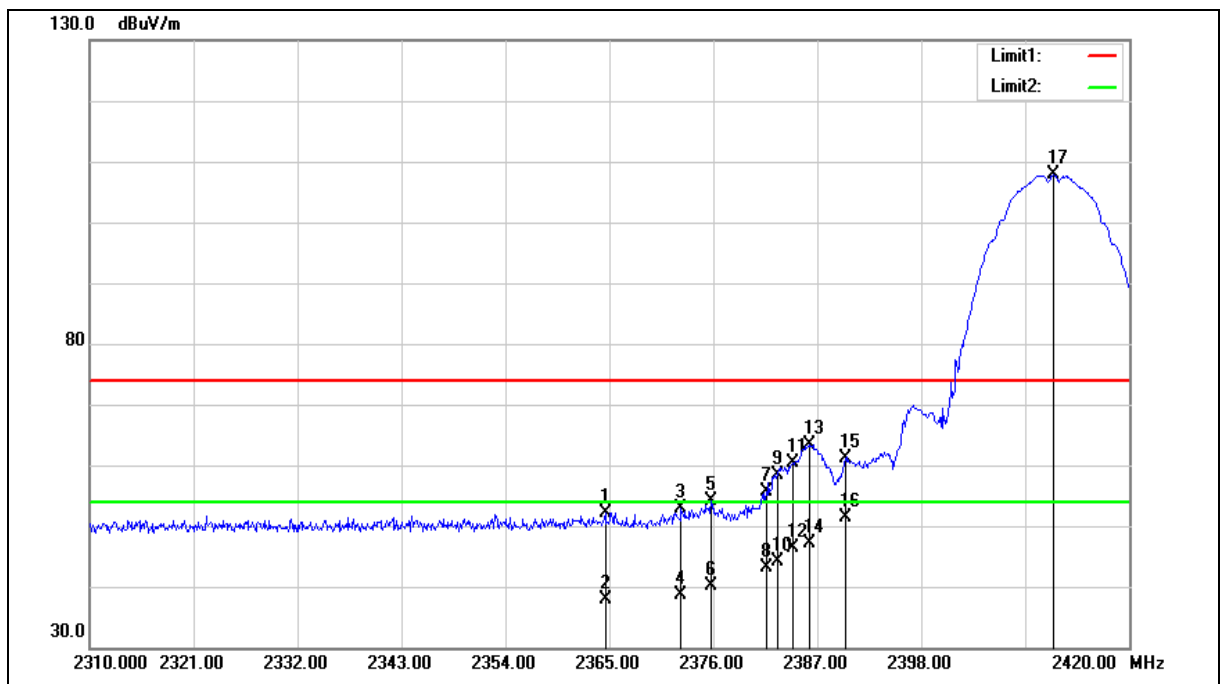
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2366.320	61.43	-7.82	53.61	74.00	-20.39	peak
2	2366.320	47.38	-7.82	39.56	54.00	-14.44	AVG
3	2370.390	61.96	-7.80	54.16	74.00	-19.84	peak
4	2370.390	47.83	-7.80	40.03	54.00	-13.97	AVG
5	2371.600	63.78	-7.80	55.98	74.00	-18.02	peak
6	2371.600	47.89	-7.80	40.09	54.00	-13.91	AVG
7	2374.900	65.10	-7.78	57.32	74.00	-16.68	peak
8	2374.900	48.18	-7.78	40.40	54.00	-13.60	AVG
9	2377.210	68.44	-7.77	60.67	74.00	-13.33	peak
10	2377.210	49.06	-7.77	41.29	54.00	-12.71	AVG
11	2379.410	70.85	-7.76	63.09	74.00	-10.91	peak
12	2379.410	49.48	-7.76	41.72	54.00	-12.28	AVG
13	2381.500	71.90	-7.76	64.14	74.00	-9.86	peak
14	2381.500	50.52	-7.76	42.76	54.00	-11.24	AVG
15	2383.260	74.65	-7.75	66.90	74.00	-7.10	peak
16	2383.260	51.68	-7.75	43.93	54.00	-10.07	AVG
17	2384.360	75.25	-7.75	67.50	74.00	-6.50	peak
18	2384.360	52.63	-7.75	44.88	54.00	-9.12	AVG
19	2388.100	76.48	-7.73	68.75	74.00	-5.25	peak
20	2388.100	55.59	-7.73	47.86	54.00	-6.14	AVG
21	2390.000	76.92	-7.72	69.20	74.00	-4.80	peak
22	2390.000	58.93	-7.72	51.21	54.00	-2.79	AVG
23	2418.240	117.60	-7.61	109.99	--	--	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:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



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

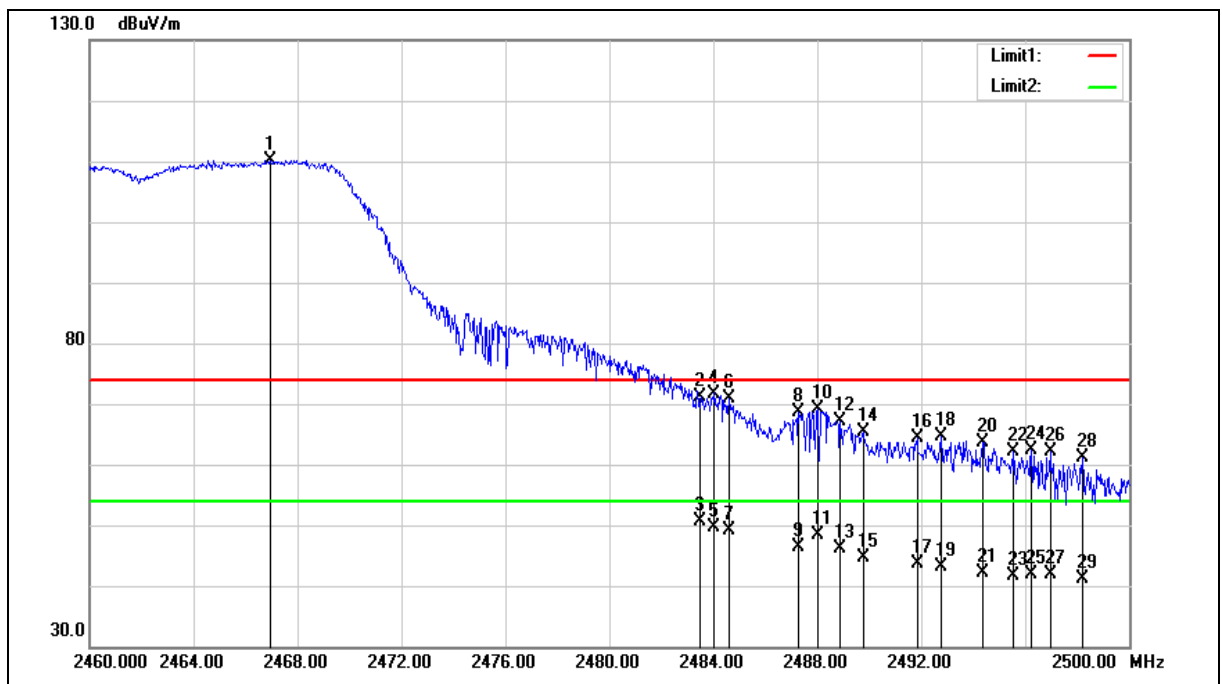
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2364.560	59.95	-7.83	52.12	74.00	-21.88	peak
2	2364.560	45.64	-7.83	37.81	54.00	-16.19	AVG
3	2372.590	60.72	-7.78	52.94	74.00	-21.06	peak
4	2372.590	46.50	-7.78	38.72	54.00	-15.28	AVG
5	2375.780	61.81	-7.77	54.04	74.00	-19.96	peak
6	2375.780	47.93	-7.77	40.16	54.00	-13.84	AVG
7	2381.610	63.29	-7.76	55.53	74.00	-18.47	peak
8	2381.610	51.00	-7.76	43.24	54.00	-10.76	AVG
9	2382.820	66.17	-7.75	58.42	74.00	-15.58	peak
10	2382.820	51.95	-7.75	44.20	54.00	-9.80	AVG
11	2384.470	68.12	-7.75	60.37	74.00	-13.63	peak
12	2384.470	54.15	-7.75	46.40	54.00	-7.60	AVG
13	2386.230	71.15	-7.73	63.42	74.00	-10.58	peak
14	2386.230	54.95	-7.73	47.22	54.00	-6.78	AVG
15	2390.000	68.97	-7.72	61.25	74.00	-12.75	peak
16	2390.000	58.99	-7.72	51.27	54.00	-2.73	AVG
17	2411.970	115.52	-7.63	107.89	--	--	peak

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

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

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

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



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462MHz		
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	2466.960	117.55	-7.40	110.15	--	--	peak
2	2483.500	78.54	-7.34	71.20	74.00	-2.80	peak
3	2483.500	57.85	-7.34	50.51	54.00	-3.49	AVG
4	2484.040	79.09	-7.34	71.75	74.00	-2.25	peak
5	2484.040	57.01	-7.34	49.67	54.00	-4.33	AVG
6	2484.600	78.16	-7.34	70.82	74.00	-3.18	peak
7	2484.600	56.48	-7.34	49.14	54.00	-4.86	AVG
8	2487.280	76.02	-7.32	68.70	74.00	-5.30	peak
9	2487.280	53.75	-7.32	46.43	54.00	-7.57	AVG
10	2488.040	76.52	-7.32	69.20	74.00	-4.80	peak
11	2488.040	55.74	-7.32	48.42	54.00	-5.58	AVG
12	2488.880	74.32	-7.31	67.01	74.00	-6.99	peak
13	2488.880	53.37	-7.31	46.06	54.00	-7.94	AVG
14	2489.760	72.62	-7.31	65.31	74.00	-8.69	peak
15	2489.760	52.05	-7.31	44.74	54.00	-9.26	AVG
16	2491.840	71.59	-7.30	64.29	74.00	-9.71	peak
17	2491.840	50.86	-7.30	43.56	54.00	-10.44	AVG
18	2492.760	71.96	-7.30	64.66	74.00	-9.34	peak
19	2492.760	50.37	-7.30	43.07	54.00	-10.93	AVG
20	2494.360	70.93	-7.29	63.64	74.00	-10.36	peak

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

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

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

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

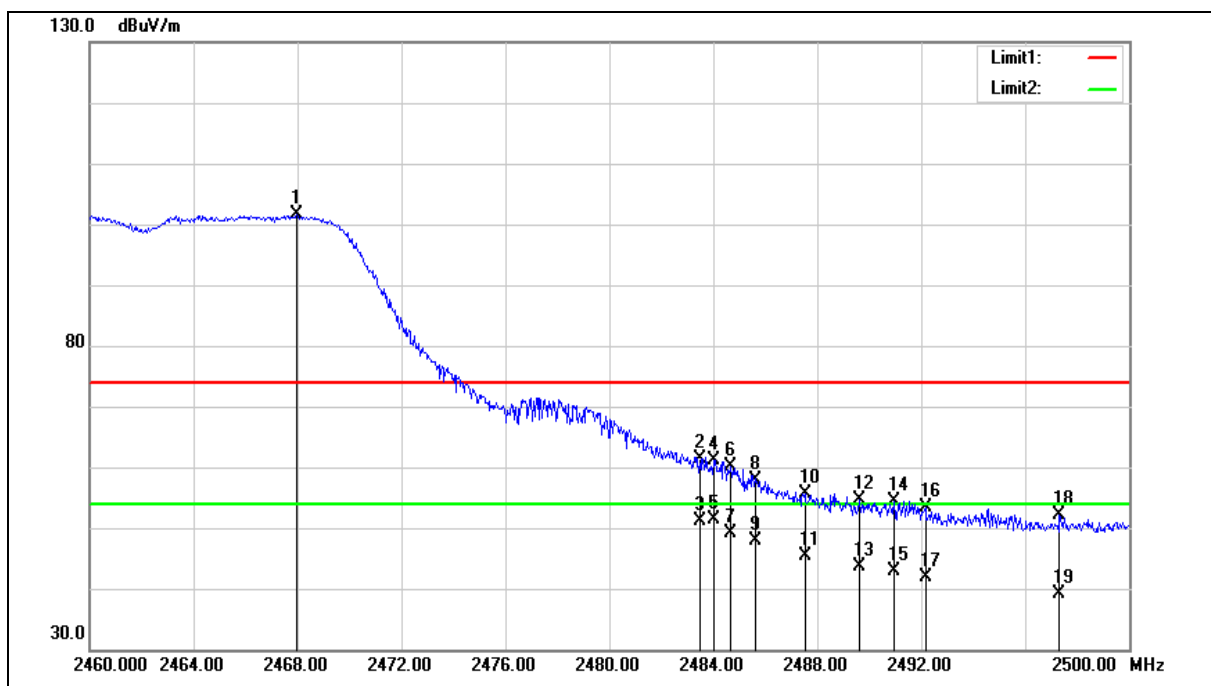
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2494.360	49.46	-7.29	42.17	54.00	-11.83	AVG
22	2495.560	69.52	-7.28	62.24	74.00	-11.76	peak
23	2495.560	48.94	-7.28	41.66	54.00	-12.34	AVG
24	2496.240	69.56	-7.28	62.28	74.00	-11.72	peak
25	2496.240	49.15	-7.28	41.87	54.00	-12.13	AVG
26	2496.960	69.47	-7.28	62.19	74.00	-11.81	peak
27	2496.960	49.07	-7.28	41.79	54.00	-12.21	AVG
28	2498.200	68.51	-7.28	61.23	74.00	-12.77	peak
29	2498.200	48.32	-7.28	41.04	54.00	-12.96	AVG

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

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

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

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



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

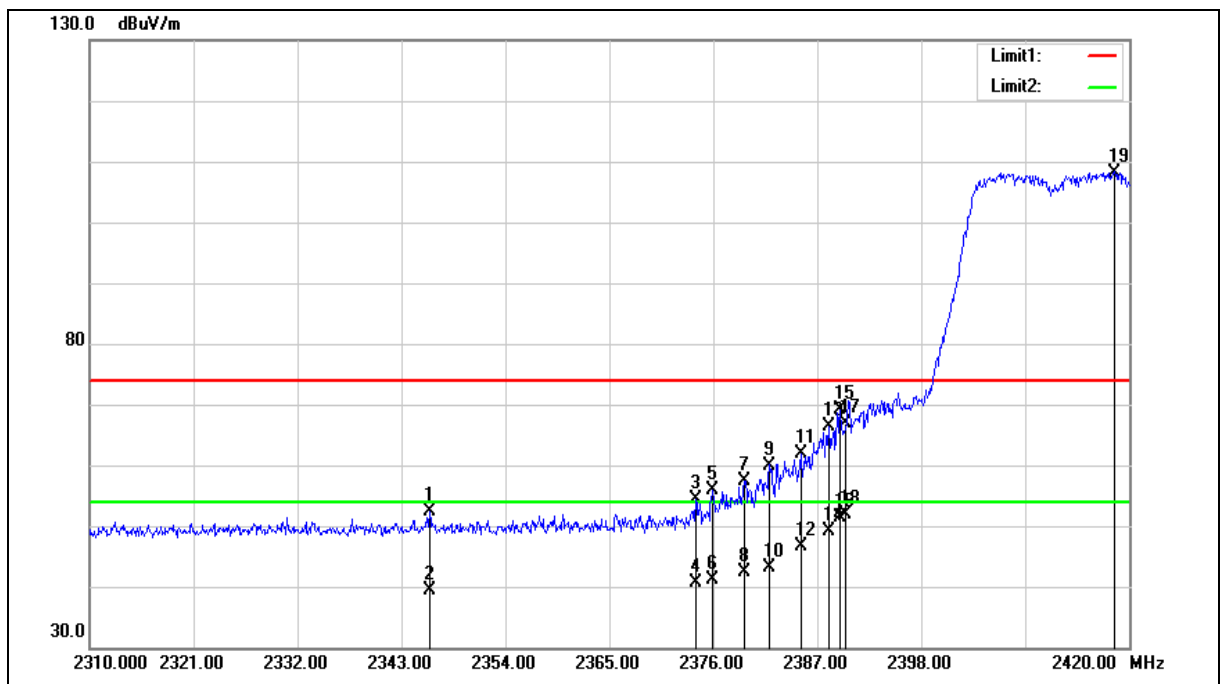
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2467.960	108.97	-7.40	101.57	--	--	peak
2	2483.500	68.79	-7.34	61.45	74.00	-12.55	peak
3	2483.500	58.37	-7.34	51.03	54.00	-2.97	AVG
4	2484.000	68.50	-7.34	61.16	74.00	-12.84	peak
5	2484.000	58.82	-7.34	51.48	54.00	-2.52	AVG
6	2484.680	67.50	-7.34	60.16	74.00	-13.84	peak
7	2484.680	56.37	-7.34	49.03	54.00	-4.97	AVG
8	2485.640	65.19	-7.32	57.87	74.00	-16.13	peak
9	2485.640	55.31	-7.32	47.99	54.00	-6.01	AVG
10	2487.520	63.01	-7.32	55.69	74.00	-18.31	peak
11	2487.520	52.65	-7.32	45.33	54.00	-8.67	AVG
12	2489.600	61.94	-7.31	54.63	74.00	-19.37	peak
13	2489.600	50.97	-7.31	43.66	54.00	-10.34	AVG
14	2490.960	61.76	-7.31	54.45	74.00	-19.55	peak
15	2490.960	50.13	-7.31	42.82	54.00	-11.18	AVG
16	2492.160	60.79	-7.30	53.49	74.00	-20.51	peak
17	2492.160	49.28	-7.30	41.98	54.00	-12.02	AVG
18	2497.320	59.45	-7.28	52.17	74.00	-21.83	peak
19	2497.320	46.29	-7.28	39.01	54.00	-14.99	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:	2412MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



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

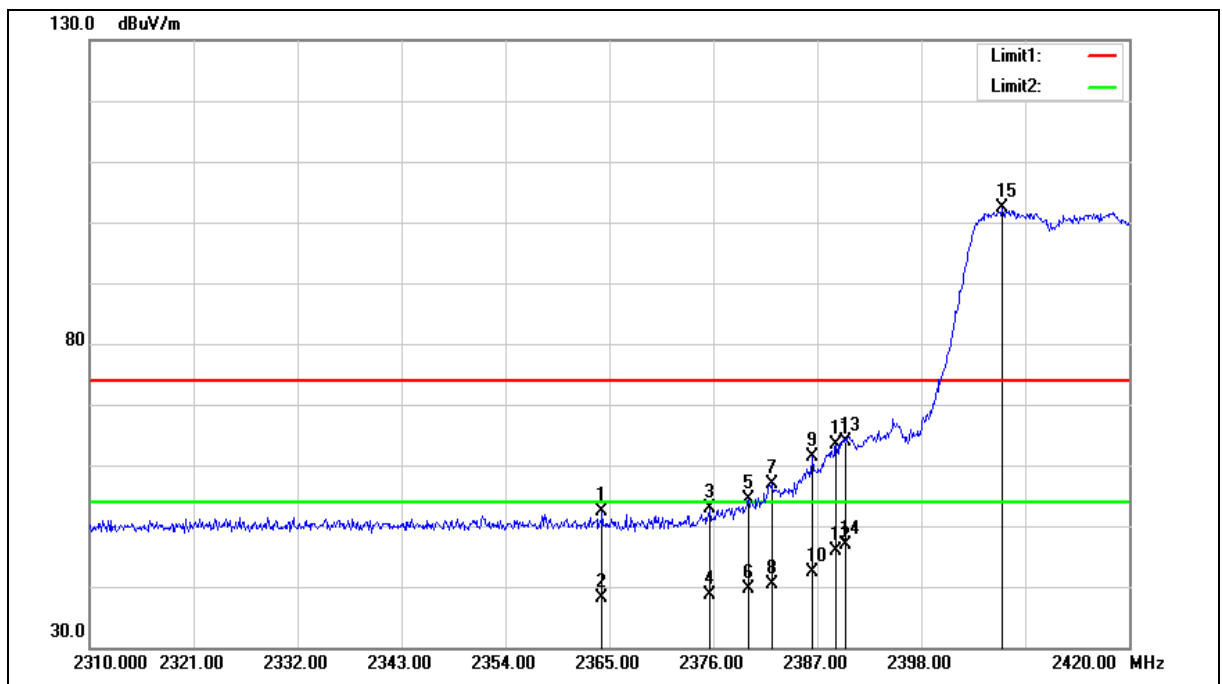
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2345.970	60.24	-7.89	52.35	74.00	-21.65	peak
2	2345.970	47.17	-7.89	39.28	54.00	-14.72	AVG
3	2374.130	62.28	-7.78	54.50	74.00	-19.50	peak
4	2374.130	48.42	-7.78	40.64	54.00	-13.36	AVG
5	2375.890	63.61	-7.77	55.84	74.00	-18.16	peak
6	2375.890	48.98	-7.77	41.21	54.00	-12.79	AVG
7	2379.300	65.06	-7.76	57.30	74.00	-16.70	peak
8	2379.300	50.11	-7.76	42.35	54.00	-11.65	AVG
9	2381.940	67.75	-7.75	60.00	74.00	-14.00	peak
10	2381.940	50.77	-7.75	43.02	54.00	-10.98	AVG
11	2385.240	69.55	-7.73	61.82	74.00	-12.18	peak
12	2385.240	54.24	-7.73	46.51	54.00	-7.49	AVG
13	2388.210	74.03	-7.73	66.30	74.00	-7.70	peak
14	2388.210	56.98	-7.73	49.25	54.00	-4.75	AVG
15	2389.420	76.94	-7.72	69.22	74.00	-4.78	peak
16	2389.420	58.98	-7.72	51.26	54.00	-2.74	AVG
17	2390.000	74.64	-7.72	66.92	74.00	-7.08	peak
18	2390.000	59.69	-7.72	51.97	54.00	-2.03	AVG
19	2418.460	115.85	-7.60	108.25	--	--	peak

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

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

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

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



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

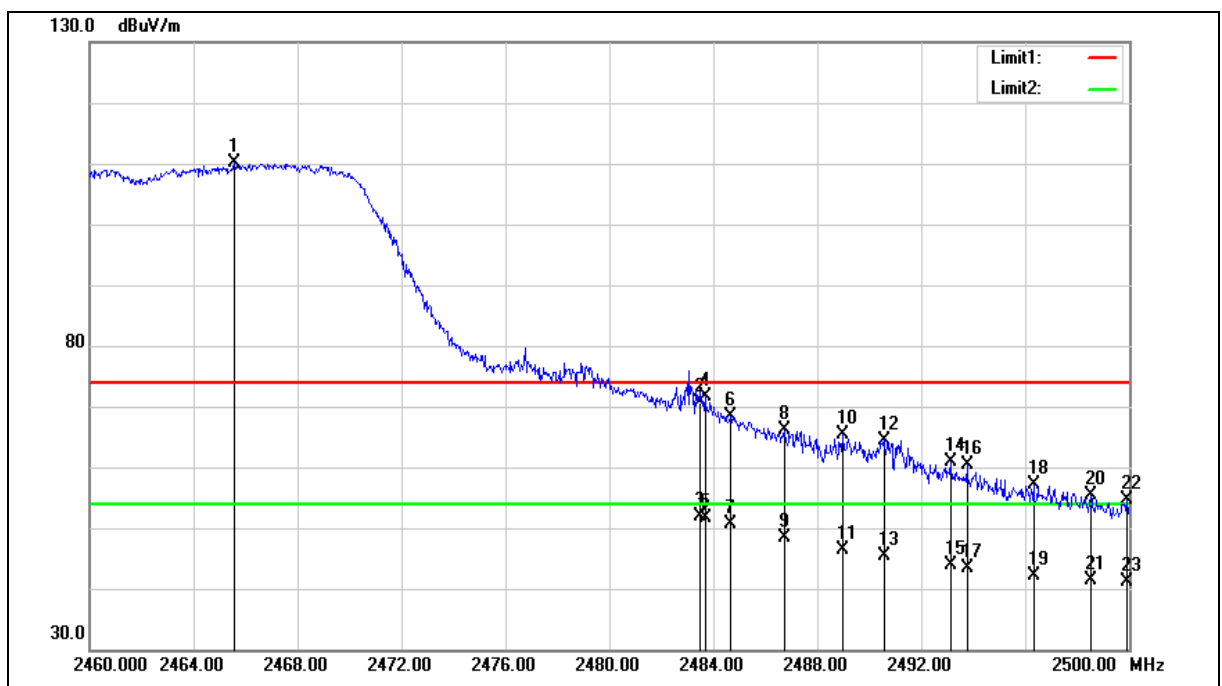
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2364.230	60.12	-7.83	52.29	74.00	-21.71	peak
2	2364.230	45.92	-7.83	38.09	54.00	-15.91	AVG
3	2375.670	60.62	-7.77	52.85	74.00	-21.15	peak
4	2375.670	46.40	-7.77	38.63	54.00	-15.37	AVG
5	2379.740	62.21	-7.76	54.45	74.00	-19.55	peak
6	2379.740	47.35	-7.76	39.59	54.00	-14.41	AVG
7	2382.160	64.73	-7.75	56.98	74.00	-17.02	peak
8	2382.160	48.22	-7.75	40.47	54.00	-13.53	AVG
9	2386.450	69.12	-7.73	61.39	74.00	-12.61	peak
10	2386.450	50.21	-7.73	42.48	54.00	-11.52	AVG
11	2388.980	71.17	-7.72	63.45	74.00	-10.55	peak
12	2388.980	53.51	-7.72	45.79	54.00	-8.21	AVG
13	2390.000	71.72	-7.72	64.00	74.00	-10.00	peak
14	2390.000	54.66	-7.72	46.94	54.00	-7.06	AVG
15	2406.580	110.02	-7.65	102.37	--	--	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:	Band edge		
Frequency:	2462MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



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

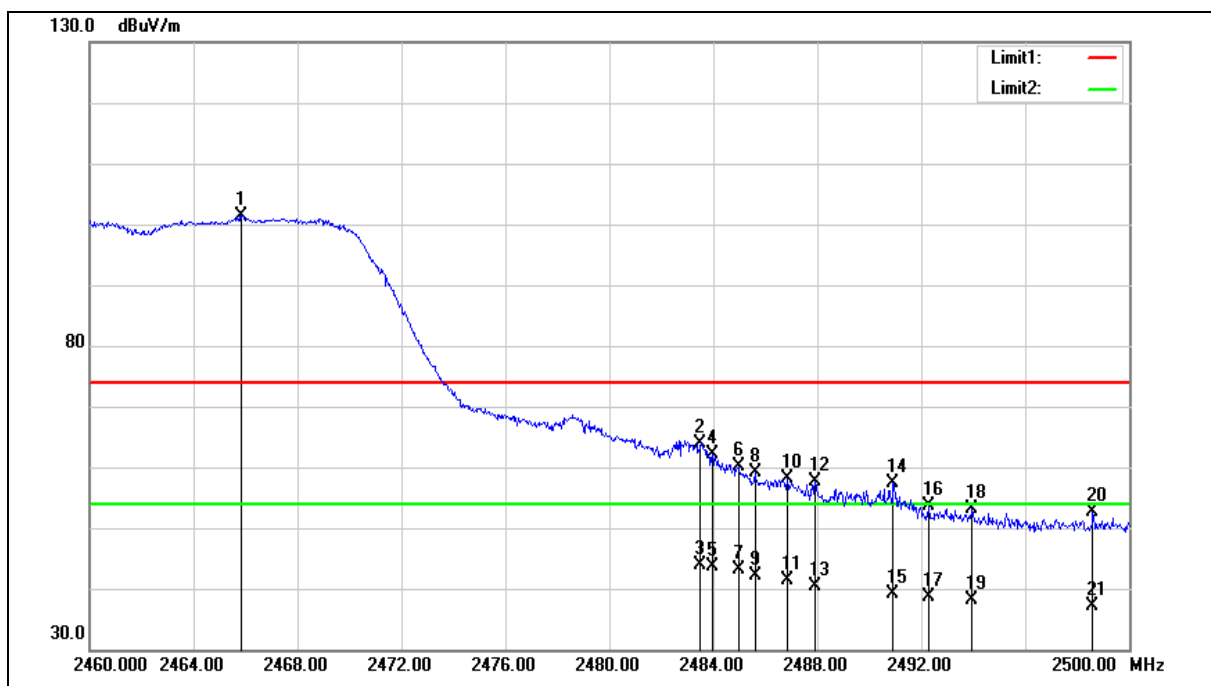
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2465.560	117.46	-7.41	110.05	--	--	peak
2	2483.500	77.88	-7.34	70.54	74.00	-3.46	peak
3	2483.500	59.10	-7.34	51.76	54.00	-2.24	AVG
4	2483.680	79.09	-7.34	71.75	74.00	-2.25	peak
5	2483.680	58.98	-7.34	51.64	54.00	-2.36	AVG
6	2484.640	75.79	-7.34	68.45	74.00	-5.55	peak
7	2484.640	58.03	-7.34	50.69	54.00	-3.31	AVG
8	2486.720	73.45	-7.32	66.13	74.00	-7.87	peak
9	2486.720	55.71	-7.32	48.39	54.00	-5.61	AVG
10	2488.960	72.74	-7.31	65.43	74.00	-8.57	peak
11	2488.960	53.63	-7.31	46.32	54.00	-7.68	AVG
12	2490.560	71.81	-7.31	64.50	74.00	-9.50	peak
13	2490.560	52.68	-7.31	45.37	54.00	-8.63	AVG
14	2493.120	68.13	-7.30	60.83	74.00	-13.17	peak
15	2493.120	51.17	-7.30	43.87	54.00	-10.13	AVG
16	2493.760	67.57	-7.29	60.28	74.00	-13.72	peak
17	2493.760	50.67	-7.29	43.38	54.00	-10.62	AVG
18	2496.320	64.36	-7.28	57.08	74.00	-16.92	peak
19	2496.320	49.47	-7.28	42.19	54.00	-11.81	AVG
20	2498.520	62.76	-7.27	55.49	74.00	-18.51	peak
21	2498.520	48.66	-7.27	41.39	54.00	-12.61	AVG
22	2499.920	61.97	-7.27	54.70	74.00	-19.30	peak
23	2499.920	48.41	-7.27	41.14	54.00	-12.86	AVG

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

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

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

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



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

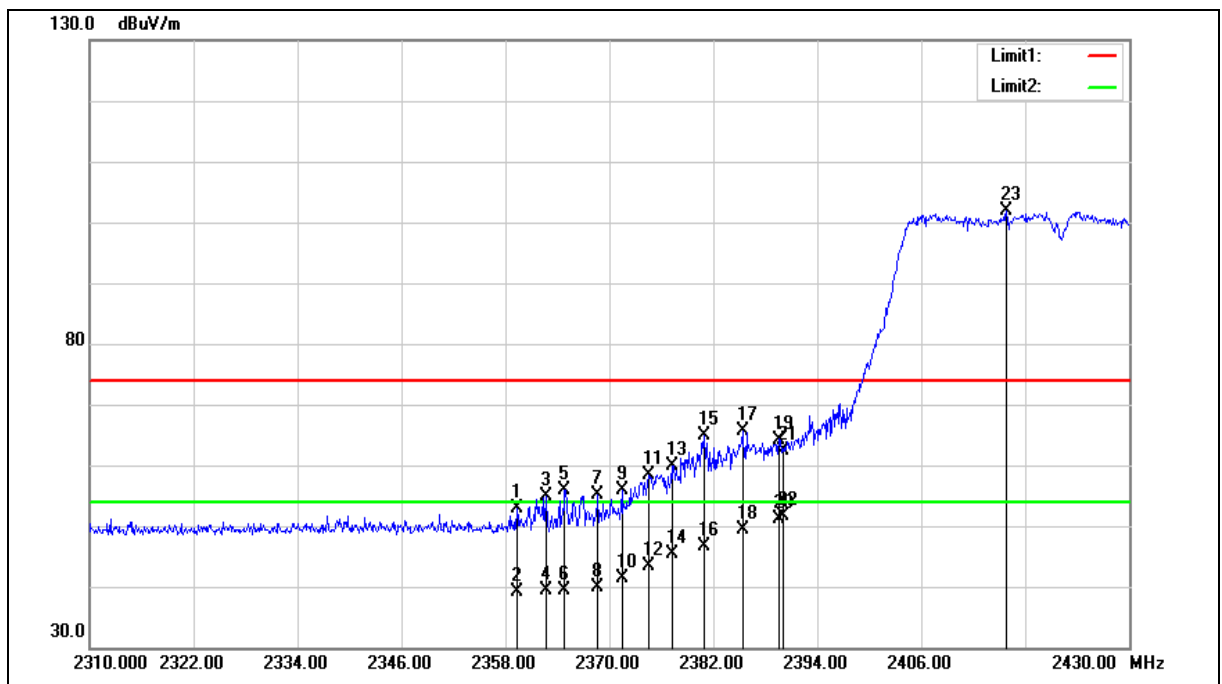
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2465.840	108.77	-7.41	101.36	--	--	peak
2	2483.500	71.24	-7.34	63.90	74.00	-10.10	peak
3	2483.500	51.31	-7.34	43.97	54.00	-10.03	AVG
4	2483.960	69.37	-7.34	62.03	74.00	-11.97	peak
5	2483.960	50.99	-7.34	43.65	54.00	-10.35	AVG
6	2484.960	67.57	-7.34	60.23	74.00	-13.77	peak
7	2484.960	50.52	-7.34	43.18	54.00	-10.82	AVG
8	2485.600	66.45	-7.32	59.13	74.00	-14.87	peak
9	2485.600	49.40	-7.32	42.08	54.00	-11.92	AVG
10	2486.840	65.44	-7.32	58.12	74.00	-15.88	peak
11	2486.840	48.68	-7.32	41.36	54.00	-12.64	AVG
12	2487.920	64.92	-7.32	57.60	74.00	-16.40	peak
13	2487.920	47.80	-7.32	40.48	54.00	-13.52	AVG
14	2490.920	64.72	-7.31	57.41	74.00	-16.59	peak
15	2490.920	46.56	-7.31	39.25	54.00	-14.75	AVG
16	2492.280	60.92	-7.30	53.62	74.00	-20.38	peak
17	2492.280	45.90	-7.30	38.60	54.00	-15.40	AVG
18	2493.960	60.52	-7.29	53.23	74.00	-20.77	peak
19	2493.960	45.40	-7.29	38.11	54.00	-15.89	AVG
20	2498.600	59.99	-7.27	52.72	74.00	-21.28	peak
21	2498.600	44.51	-7.27	37.24	54.00	-16.76	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:	2422MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

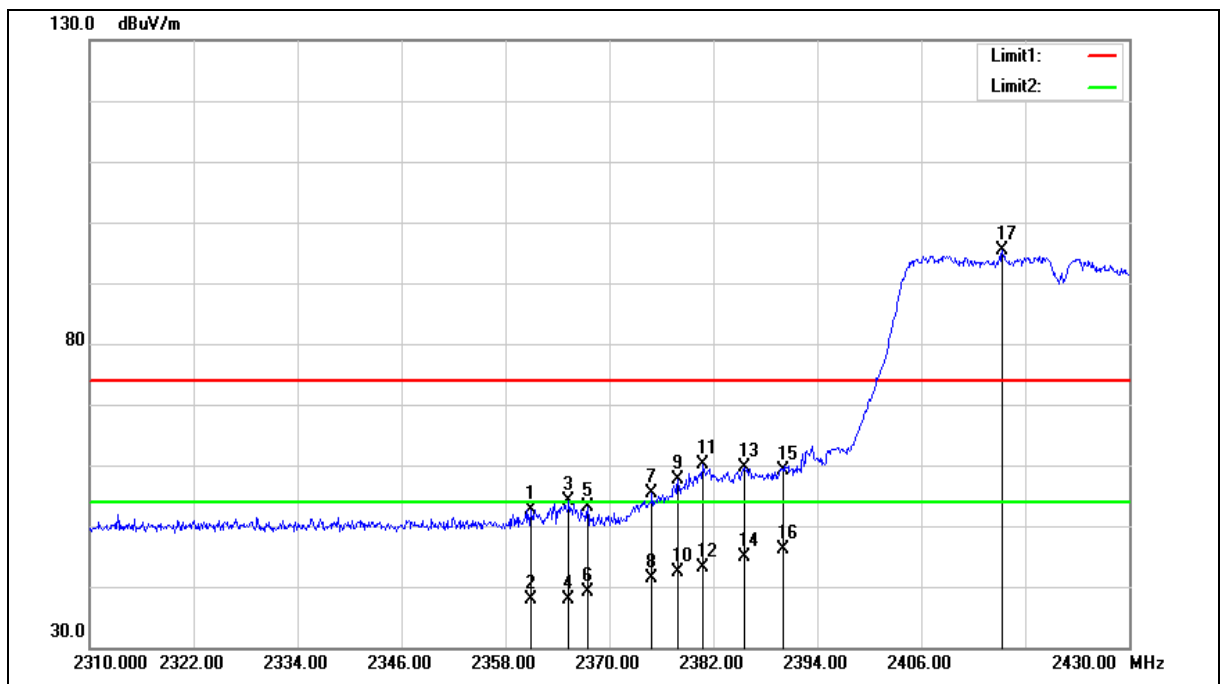
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2359.320	60.64	-7.84	52.80	74.00	-21.20	peak
2	2359.320	47.03	-7.84	39.19	54.00	-14.81	AVG
3	2362.680	62.60	-7.83	54.77	74.00	-19.23	peak
4	2362.680	47.11	-7.83	39.28	54.00	-14.72	AVG
5	2364.840	63.73	-7.83	55.90	74.00	-18.10	peak
6	2364.840	47.15	-7.83	39.32	54.00	-14.68	AVG
7	2368.680	62.82	-7.80	55.02	74.00	-18.98	peak
8	2368.680	47.79	-7.80	39.99	54.00	-14.01	AVG
9	2371.440	63.59	-7.80	55.79	74.00	-18.21	peak
10	2371.440	49.25	-7.80	41.45	54.00	-12.55	AVG
11	2374.560	66.05	-7.78	58.27	74.00	-15.73	peak
12	2374.560	51.23	-7.78	43.45	54.00	-10.55	AVG
13	2377.200	67.60	-7.77	59.83	74.00	-14.17	peak
14	2377.200	53.03	-7.77	45.26	54.00	-8.74	AVG
15	2380.920	72.55	-7.76	64.79	74.00	-9.21	peak
16	2380.920	54.30	-7.76	46.54	54.00	-7.46	AVG
17	2385.360	73.29	-7.73	65.56	74.00	-8.44	peak
18	2385.360	57.10	-7.73	49.37	54.00	-4.63	AVG
19	2389.560	71.97	-7.72	64.25	74.00	-9.75	peak
20	2389.560	58.73	-7.72	51.01	54.00	-2.99	AVG
21	2390.000	70.11	-7.72	62.39	74.00	-11.61	peak
22	2390.000	59.44	-7.72	51.72	54.00	-2.28	AVG
23	2415.840	109.47	-7.61	101.86	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

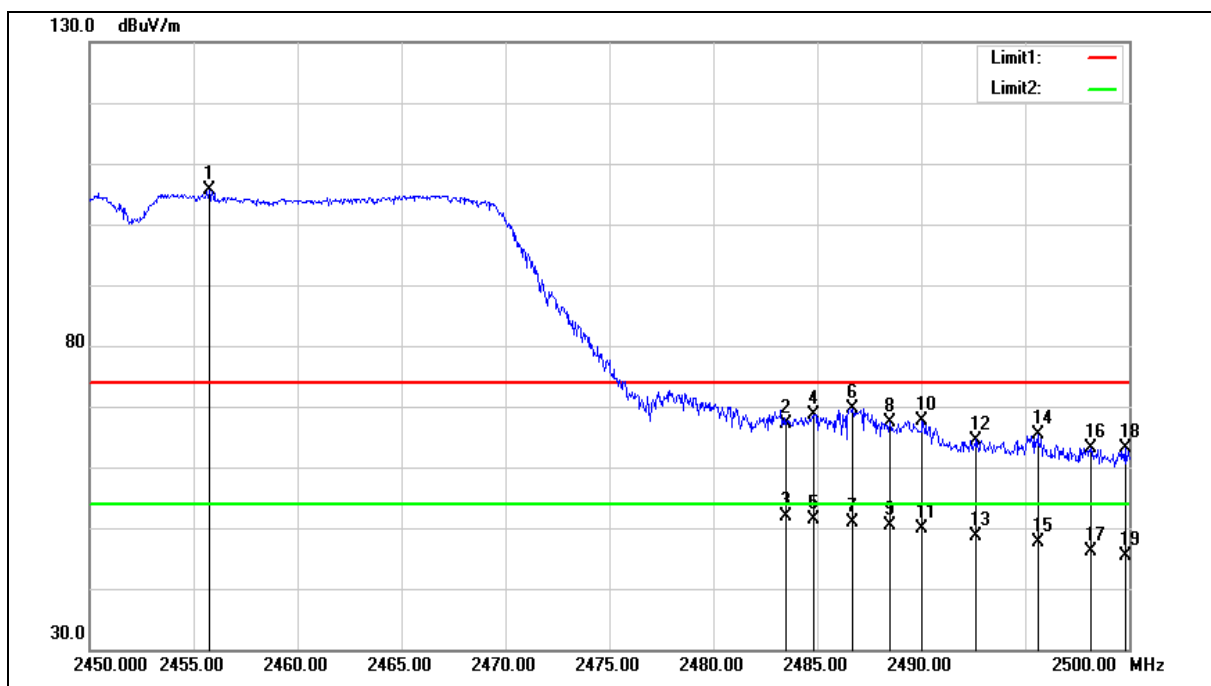
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2360.880	60.55	-7.84	52.71	74.00	-21.29	peak
2	2360.880	45.62	-7.84	37.78	54.00	-16.22	AVG
3	2365.320	61.89	-7.82	54.07	74.00	-19.93	peak
4	2365.320	45.71	-7.82	37.89	54.00	-16.11	AVG
5	2367.480	60.84	-7.82	53.02	74.00	-20.98	peak
6	2367.480	46.98	-7.82	39.16	54.00	-14.84	AVG
7	2374.920	63.10	-7.78	55.32	74.00	-18.68	peak
8	2374.920	49.09	-7.78	41.31	54.00	-12.69	AVG
9	2377.920	65.35	-7.77	57.58	74.00	-16.42	peak
10	2377.920	50.13	-7.77	42.36	54.00	-11.64	AVG
11	2380.800	67.87	-7.76	60.11	74.00	-13.89	peak
12	2380.800	50.90	-7.76	43.14	54.00	-10.86	AVG
13	2385.600	67.39	-7.73	59.66	74.00	-14.34	peak
14	2385.600	52.49	-7.73	44.76	54.00	-9.24	AVG
15	2390.000	66.82	-7.72	59.10	74.00	-14.90	peak
16	2390.000	53.78	-7.72	46.06	54.00	-7.94	AVG
17	2415.360	102.88	-7.61	95.27	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

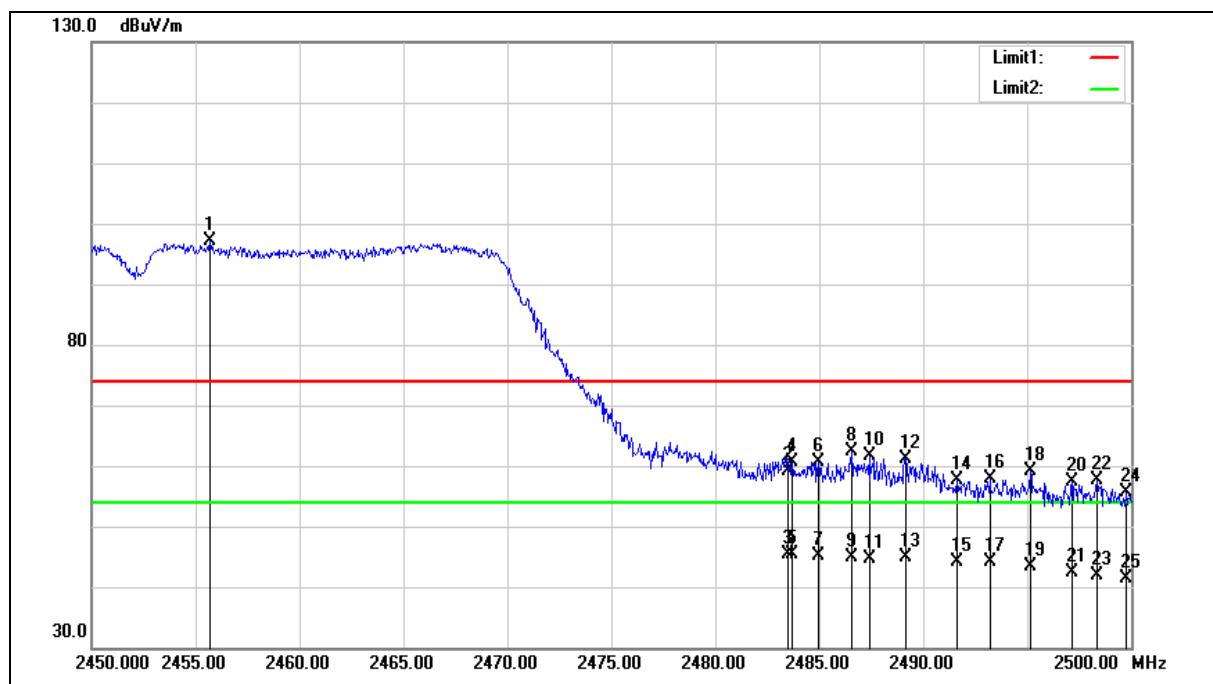
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2455.750	113.00	-7.45	105.55	--	--	peak
2	2483.500	74.44	-7.34	67.10	74.00	-6.90	peak
3	2483.500	59.31	-7.34	51.97	54.00	-2.03	AVG
4	2484.850	76.03	-7.34	68.69	74.00	-5.31	peak
5	2484.850	58.64	-7.34	51.30	54.00	-2.70	AVG
6	2486.700	76.96	-7.32	69.64	74.00	-4.36	peak
7	2486.700	58.19	-7.32	50.87	54.00	-3.13	AVG
8	2488.500	74.66	-7.31	67.35	74.00	-6.65	peak
9	2488.500	57.78	-7.31	50.47	54.00	-3.53	AVG
10	2490.050	75.00	-7.31	67.69	74.00	-6.31	peak
11	2490.050	57.09	-7.31	49.78	54.00	-4.22	AVG
12	2492.650	71.80	-7.30	64.50	74.00	-9.50	peak
13	2492.650	56.02	-7.30	48.72	54.00	-5.28	AVG
14	2495.600	72.62	-7.28	65.34	74.00	-8.66	peak
15	2495.600	54.88	-7.28	47.60	54.00	-6.40	AVG
16	2498.150	70.45	-7.28	63.17	74.00	-10.83	peak
17	2498.150	53.51	-7.28	46.23	54.00	-7.77	AVG
18	2499.800	70.32	-7.27	63.05	74.00	-10.95	peak
19	2499.800	52.76	-7.27	45.49	54.00	-8.51	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:	2452MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452MHz		
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	2455.700	104.61	-7.45	97.16	--	--	peak
2	2483.500	66.56	-7.34	59.22	74.00	-14.78	peak
3	2483.500	52.66	-7.34	45.32	54.00	-8.68	AVG
4	2483.700	68.07	-7.34	60.73	74.00	-13.27	peak
5	2483.700	52.76	-7.34	45.42	54.00	-8.58	AVG
6	2484.950	67.96	-7.34	60.62	74.00	-13.38	peak
7	2484.950	52.43	-7.34	45.09	54.00	-8.91	AVG
8	2486.550	69.64	-7.32	62.32	74.00	-11.68	peak
9	2486.550	52.14	-7.32	44.82	54.00	-9.18	AVG
10	2487.400	68.87	-7.32	61.55	74.00	-12.45	peak
11	2487.400	52.06	-7.32	44.74	54.00	-9.26	AVG
12	2489.150	68.33	-7.31	61.02	74.00	-12.98	peak
13	2489.150	52.17	-7.31	44.86	54.00	-9.14	AVG
14	2491.650	64.96	-7.31	57.65	74.00	-16.35	peak
15	2491.650	51.46	-7.31	44.15	54.00	-9.85	AVG
16	2493.200	65.12	-7.30	57.82	74.00	-16.18	peak
17	2493.200	51.31	-7.30	44.01	54.00	-9.99	AVG
18	2495.150	66.40	-7.28	59.12	74.00	-14.88	peak
19	2495.150	50.63	-7.28	43.35	54.00	-10.65	AVG
20	2497.150	64.61	-7.28	57.33	74.00	-16.67	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
20	2497.150	64.61	-7.28	57.33	74.00	-16.67	peak
21	2497.150	49.69	-7.28	42.41	54.00	-11.59	AVG
22	2498.350	65.02	-7.27	57.75	74.00	-16.25	peak
23	2498.350	49.10	-7.27	41.83	54.00	-12.17	AVG
24	2499.750	62.82	-7.27	55.55	74.00	-18.45	peak
25	2499.750	48.59	-7.27	41.32	54.00	-12.68	AVG

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

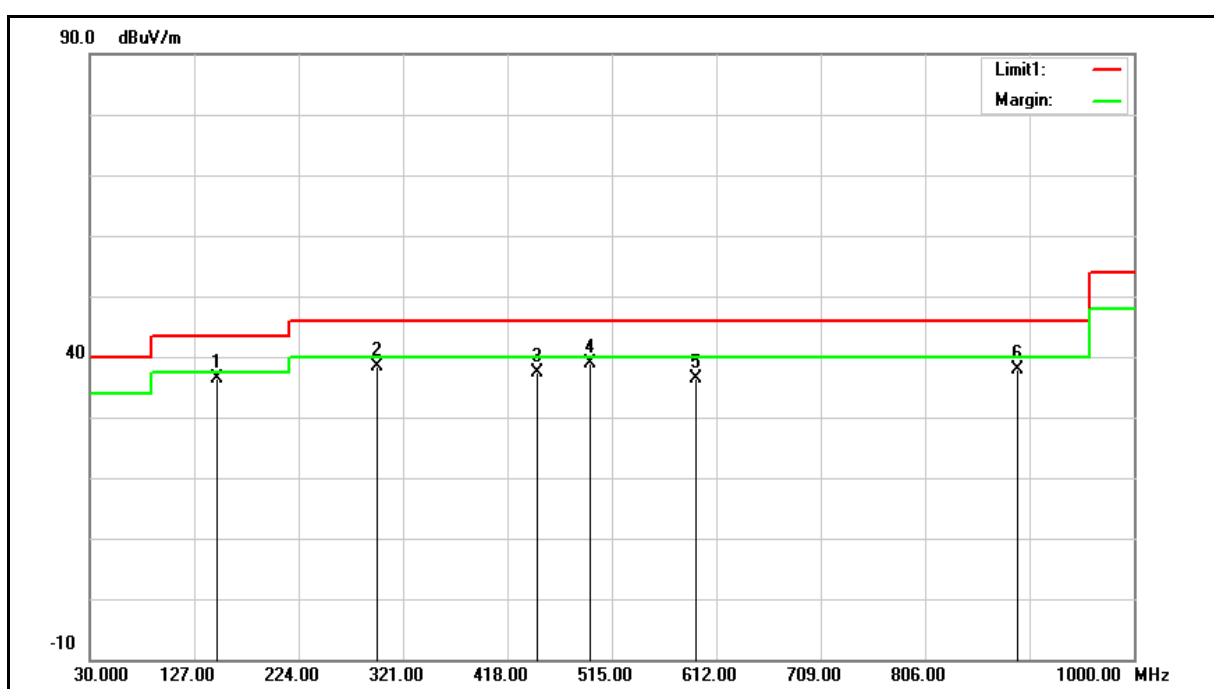
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

With HDMI

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
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	148.3400	60.74	-24.44	36.30	43.50	-7.20	QP
2	296.7500	62.07	-23.75	38.32	46.00	-7.68	QP
3	445.1600	57.59	-20.29	37.30	46.00	-8.70	QP
4	494.6300	58.65	-19.70	38.95	46.00	-7.05	QP
5	593.5700	53.62	-17.29	36.33	46.00	-9.67	QP
6	891.3600	51.12	-13.28	37.84	46.00	-8.16	QP

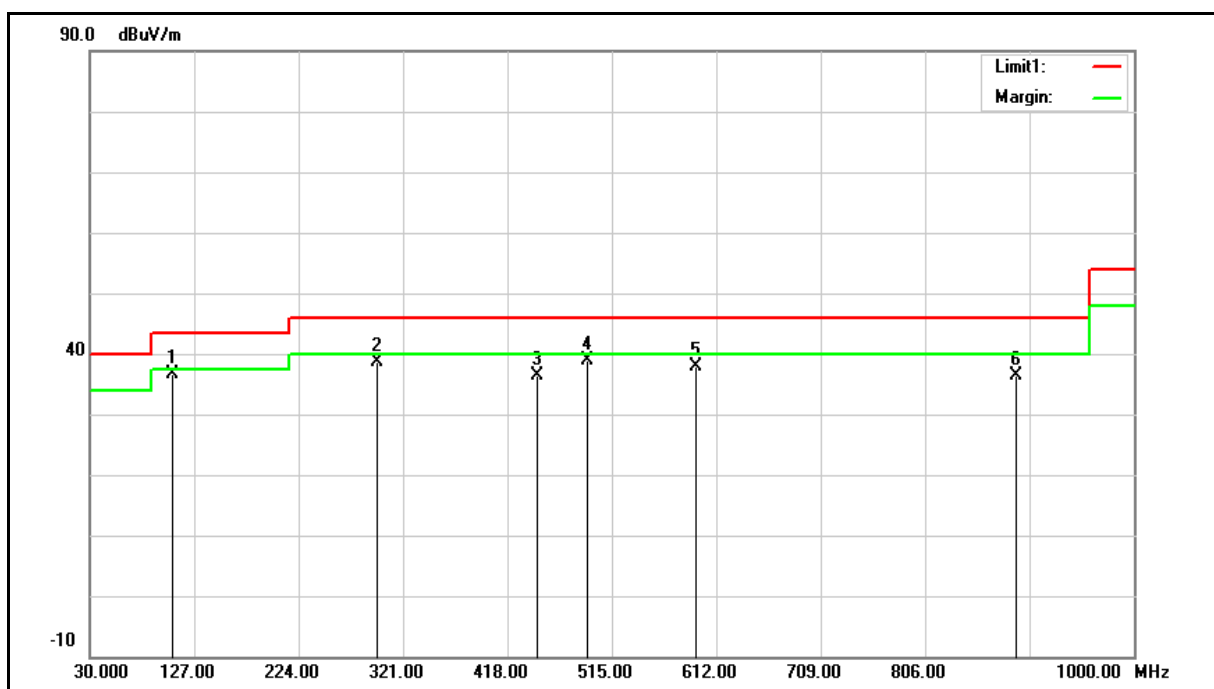
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 36.30 = -24.44 + 60.74.

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	106.6300	64.92	-28.18	36.74	43.50	-6.76	QP
2	296.7500	62.34	-23.75	38.59	46.00	-7.41	QP
3	445.1600	56.72	-20.29	36.43	46.00	-9.57	QP
4	491.7200	58.56	-19.74	38.82	46.00	-7.18	QP
5	593.5700	55.26	-17.29	37.97	46.00	-8.03	QP
6	890.3900	49.69	-13.29	36.40	46.00	-9.60	QP

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

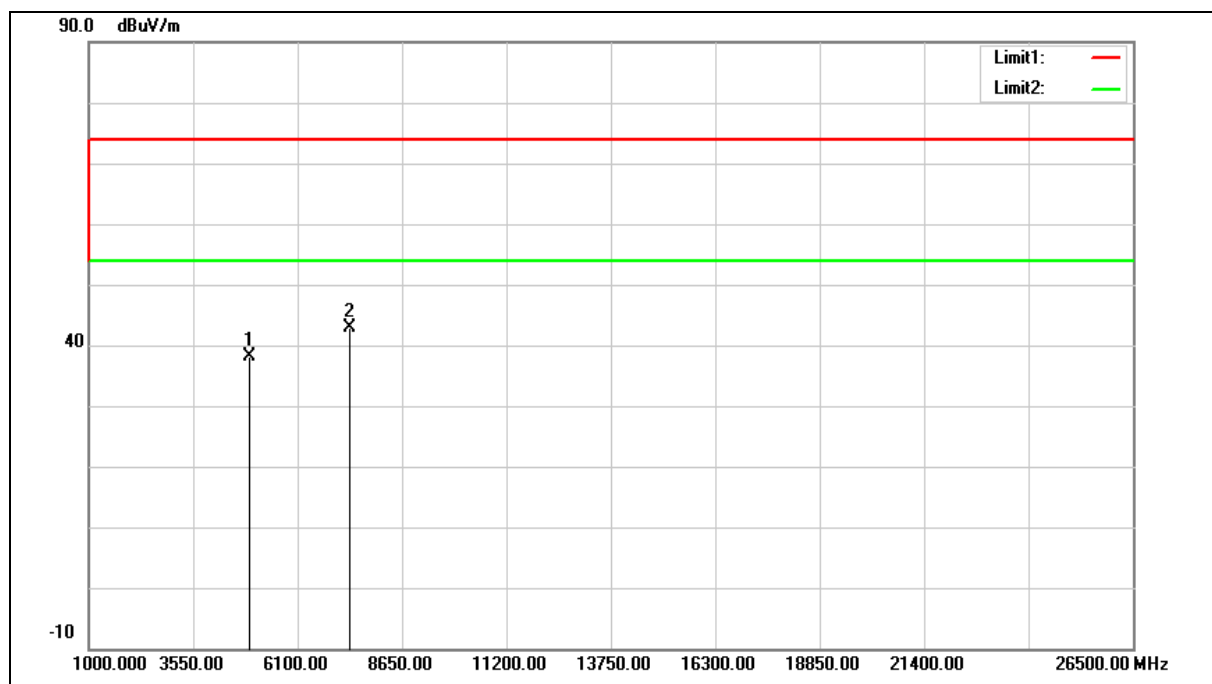
Example: $36.74 = -28.18 + 64.92$.

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

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

場強輻射量側 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
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	39.19	-0.99	38.20	74.00	-35.80	peak
2	7386.000	36.56	6.38	42.94	74.00	-31.06	peak

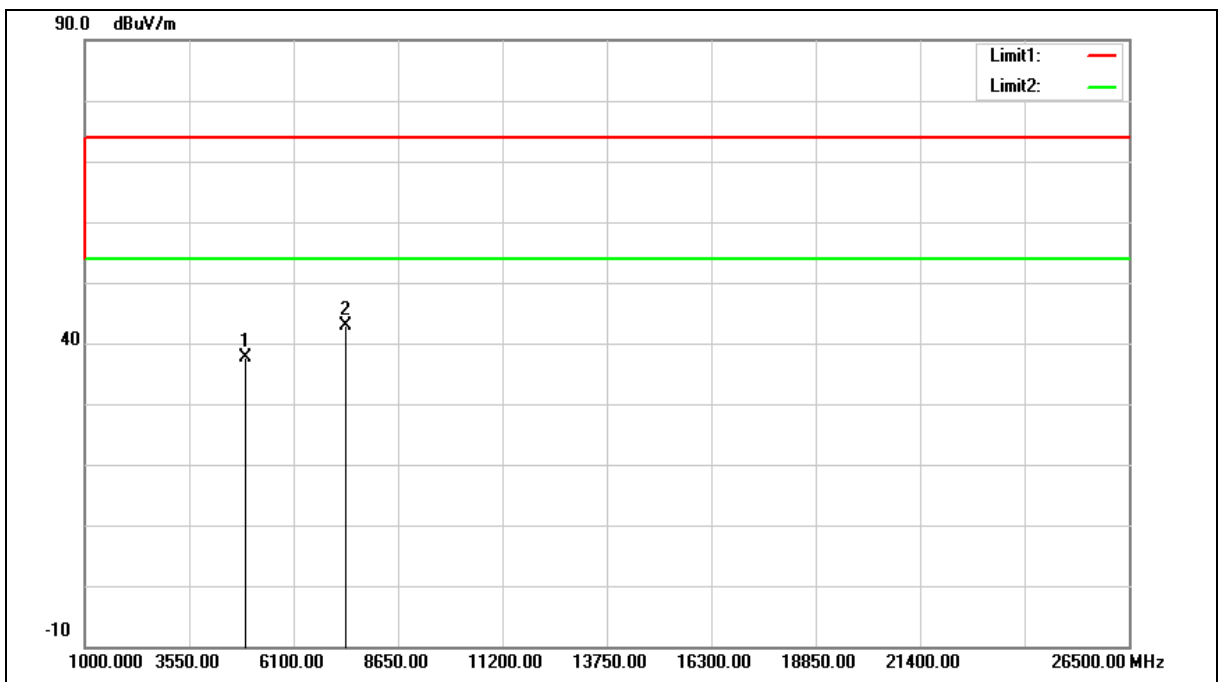
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $38.20 = -0.99 + 39.19$.

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

3.When 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	38.72	-0.99	37.73	74.00	-36.27	peak
2	7386.000	36.45	6.38	42.83	74.00	-31.17	peak

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

Example: $37.73 = -0.99 + 38.72$.

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

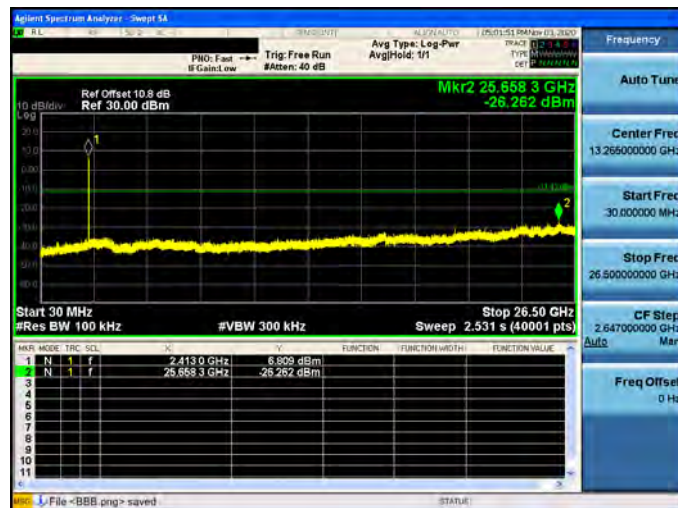
Maximum Conducted Output Power

操作模式	Data Rate (Mbps)	頻道 CH	Conducted Output Power								Limit (dBm)
			ANT-0				ANT-1				
			Average		Peak		Average		Peak		
			dBm	W	dBm	W	dBm	W	dBm	W	
Mode 2	1	01	17.13	0.052	19.86	0.097	16.60	0.046	19.41	0.087	≤30.00
		06	18.86	0.077	21.03	0.127	18.46	0.070	20.52	0.113	≤30.00
		11	16.50	0.045	19.10	0.081	16.02	0.040	18.62	0.073	≤30.00
Mode 3	6	01	12.31	0.017	20.82	0.121	11.81	0.015	20.26	0.106	≤30.00
		06	16.77	0.048	22.66	0.185	16.29	0.043	22.24	0.167	≤30.00
		11	12.39	0.017	20.79	0.120	11.90	0.015	20.32	0.108	≤30.00
Mode 4	6.5	01	11.86	0.015	20.81	0.121	11.33	0.014	20.40	0.110	≤30.00
		06	19.31	0.085	23.13	0.206	18.84	0.077	22.63	0.183	≤30.00
		11	12.41	0.017	21.01	0.126	11.89	0.015	20.54	0.113	≤30.00
Mode 5	13.5	03	8.09	0.006	17.71	0.059	7.63	0.006	17.22	0.053	≤30.00
		06	19.13	0.082	22.91	0.195	18.72	0.074	22.44	0.175	≤30.00
		09	10.61	0.012	19.81	0.096	10.20	0.010	19.28	0.085	≤30.00

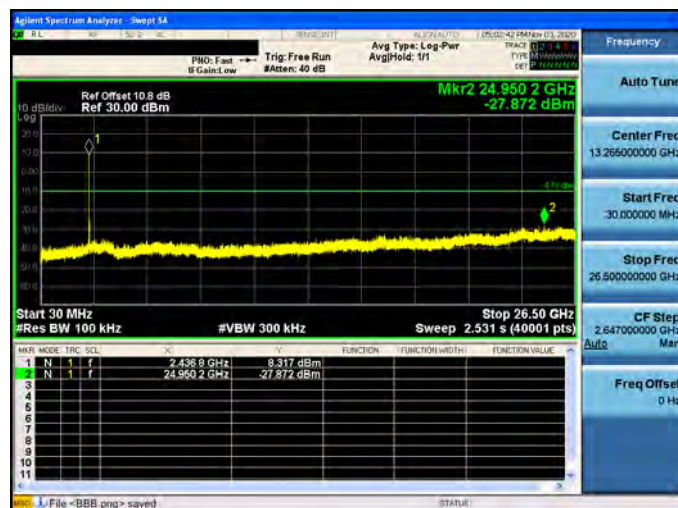
Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0

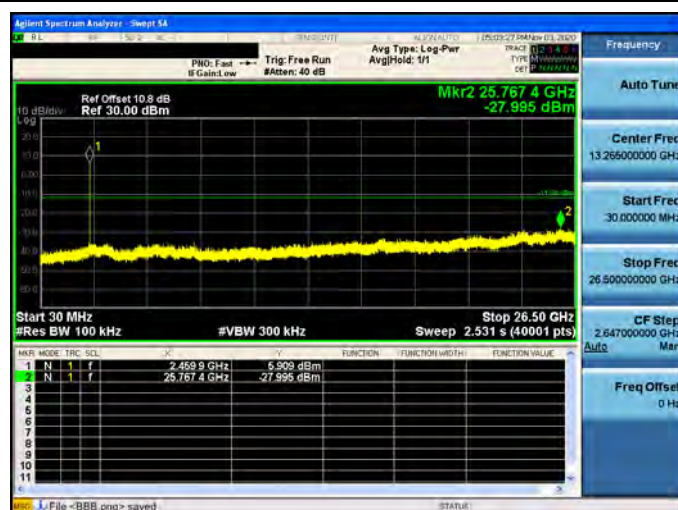
CH01



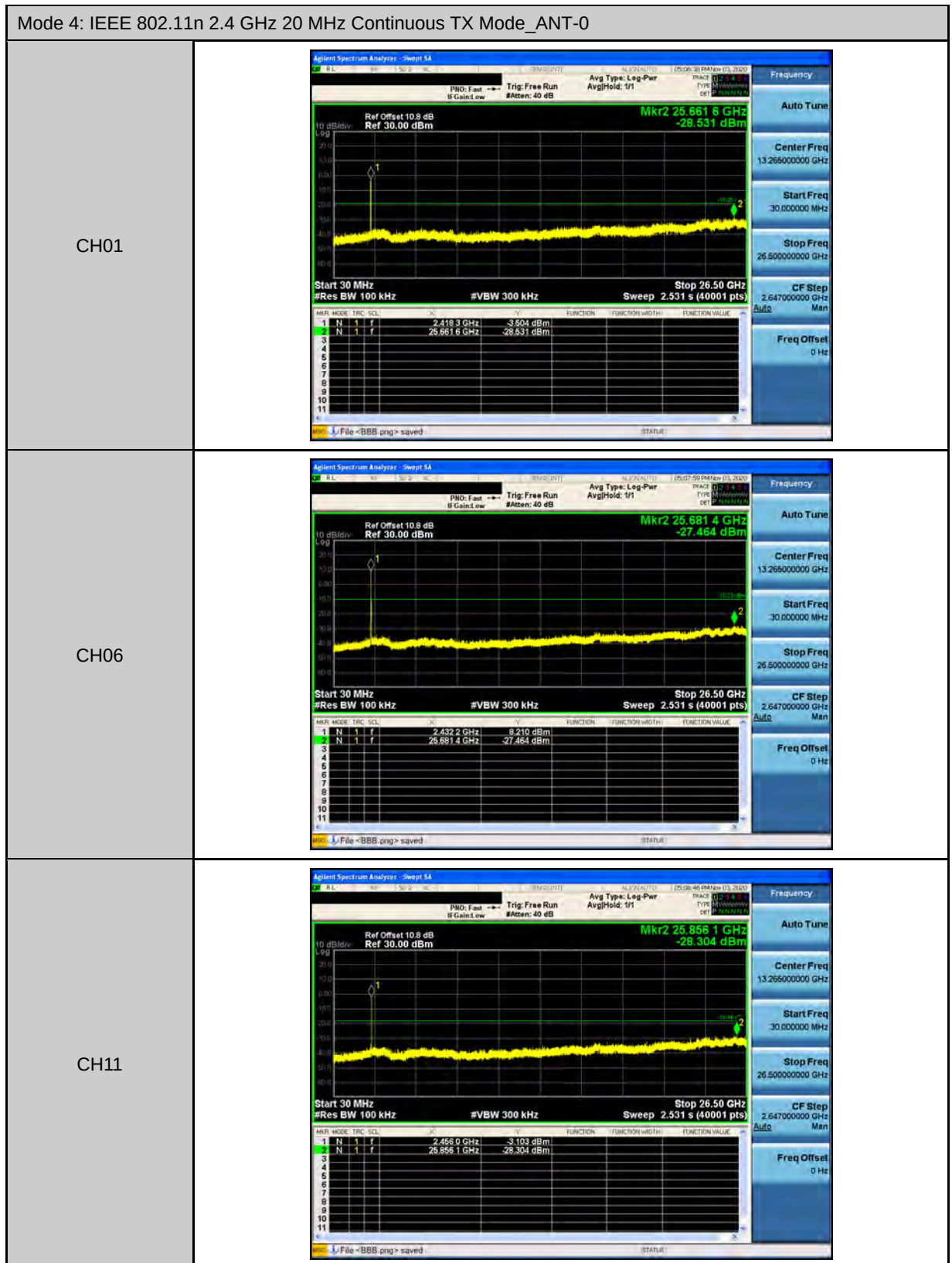
CH06



CH11



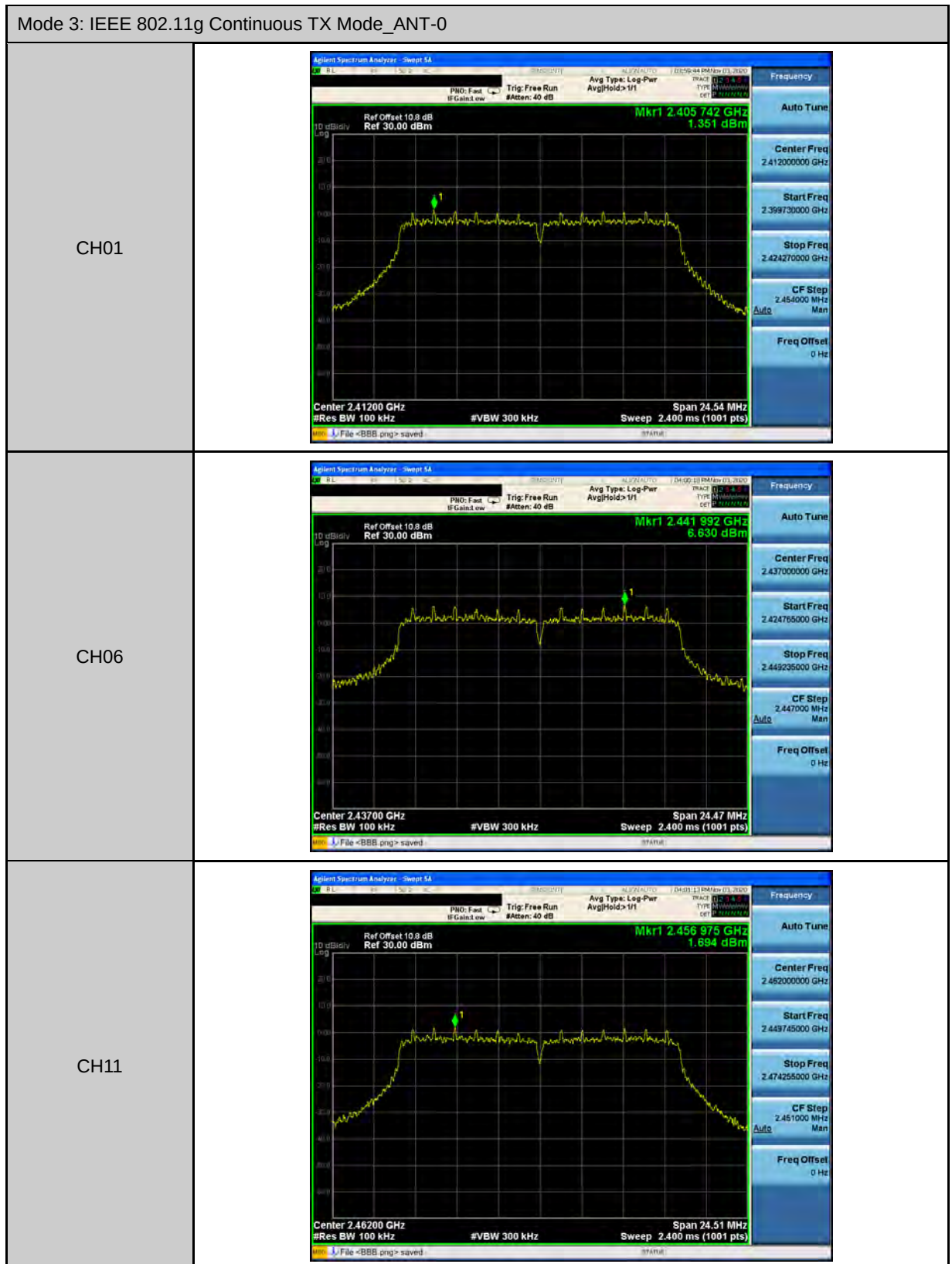


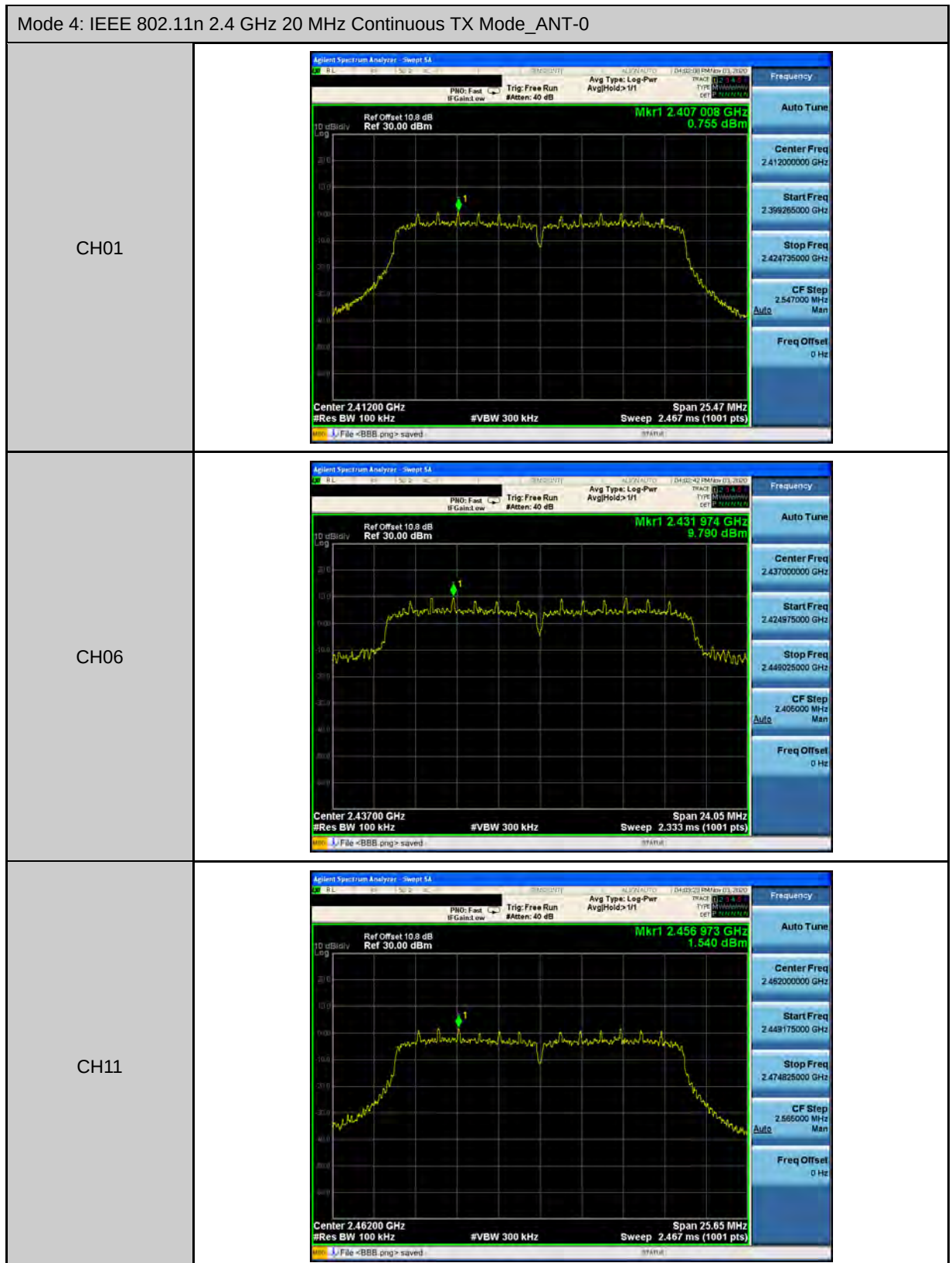


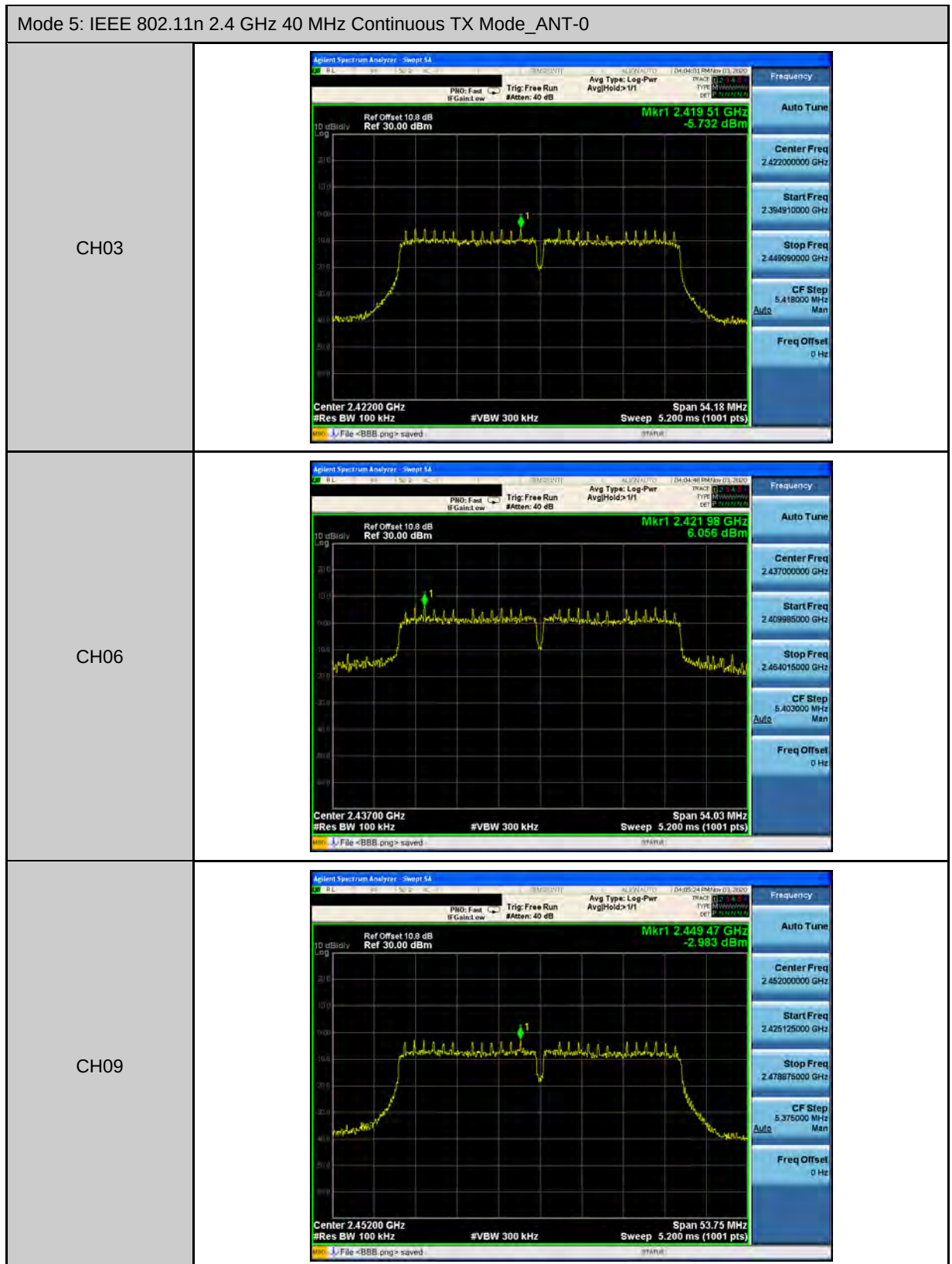


Reference level

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0	
CH01	
CH06	
CH11	



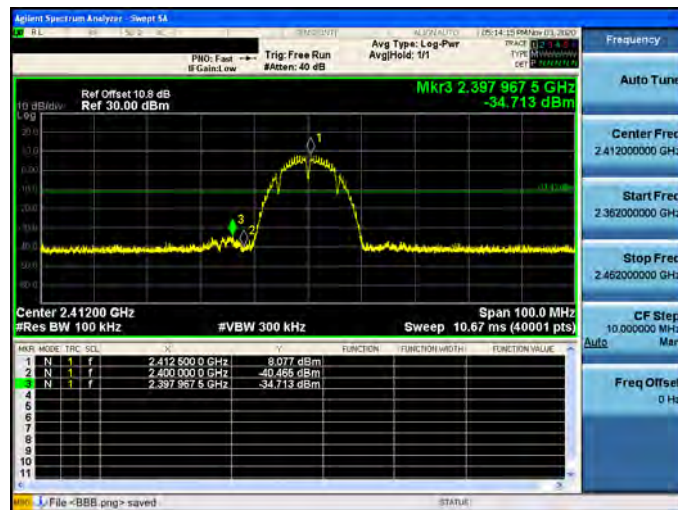




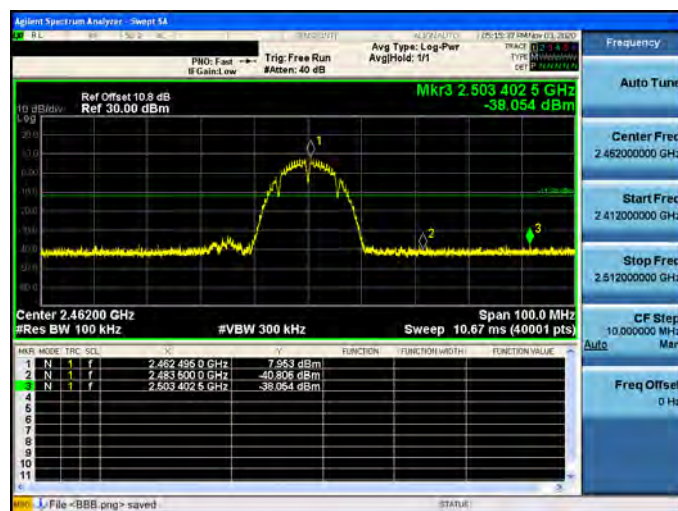
Conducted Band Edge

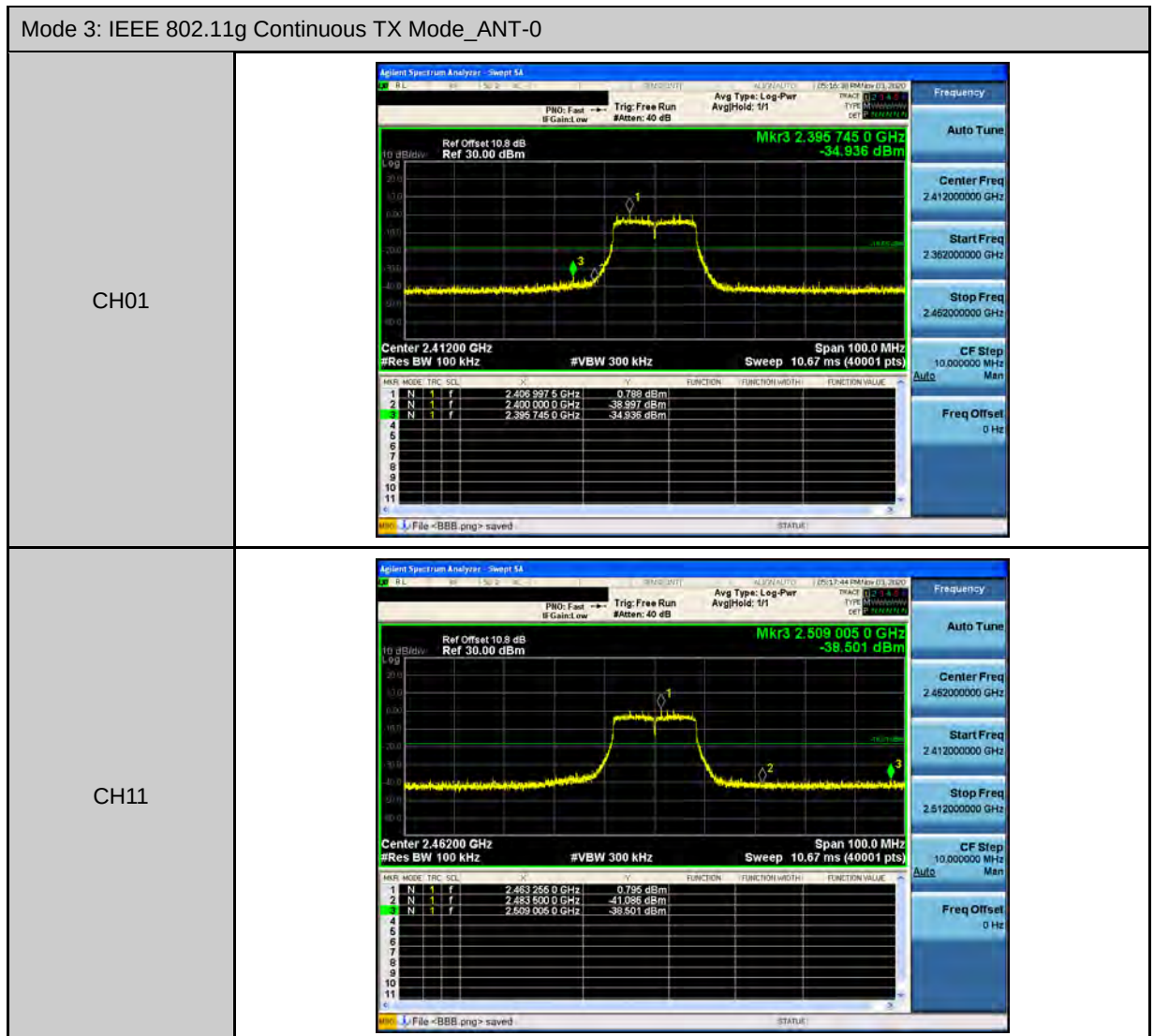
Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0

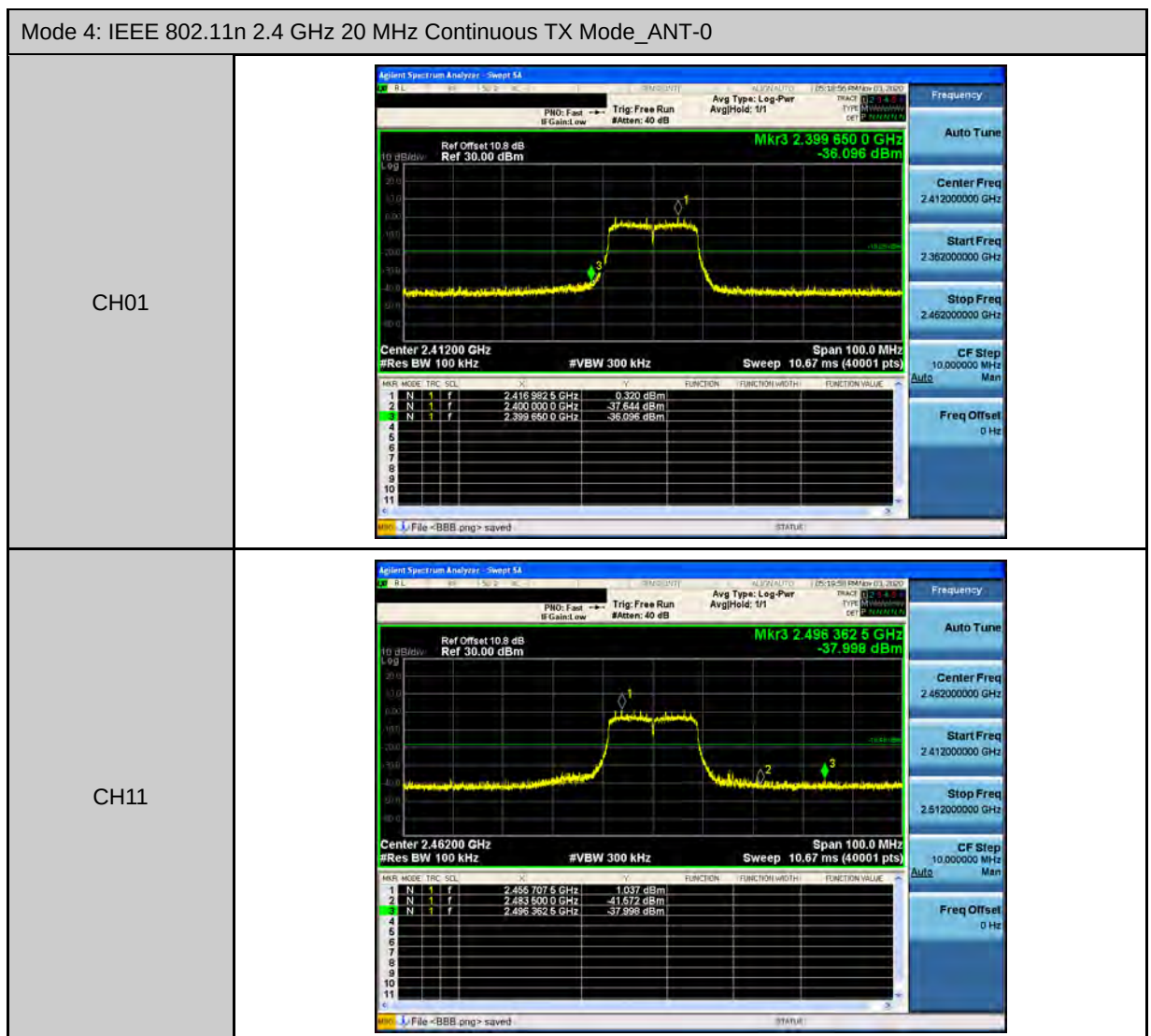
CH01

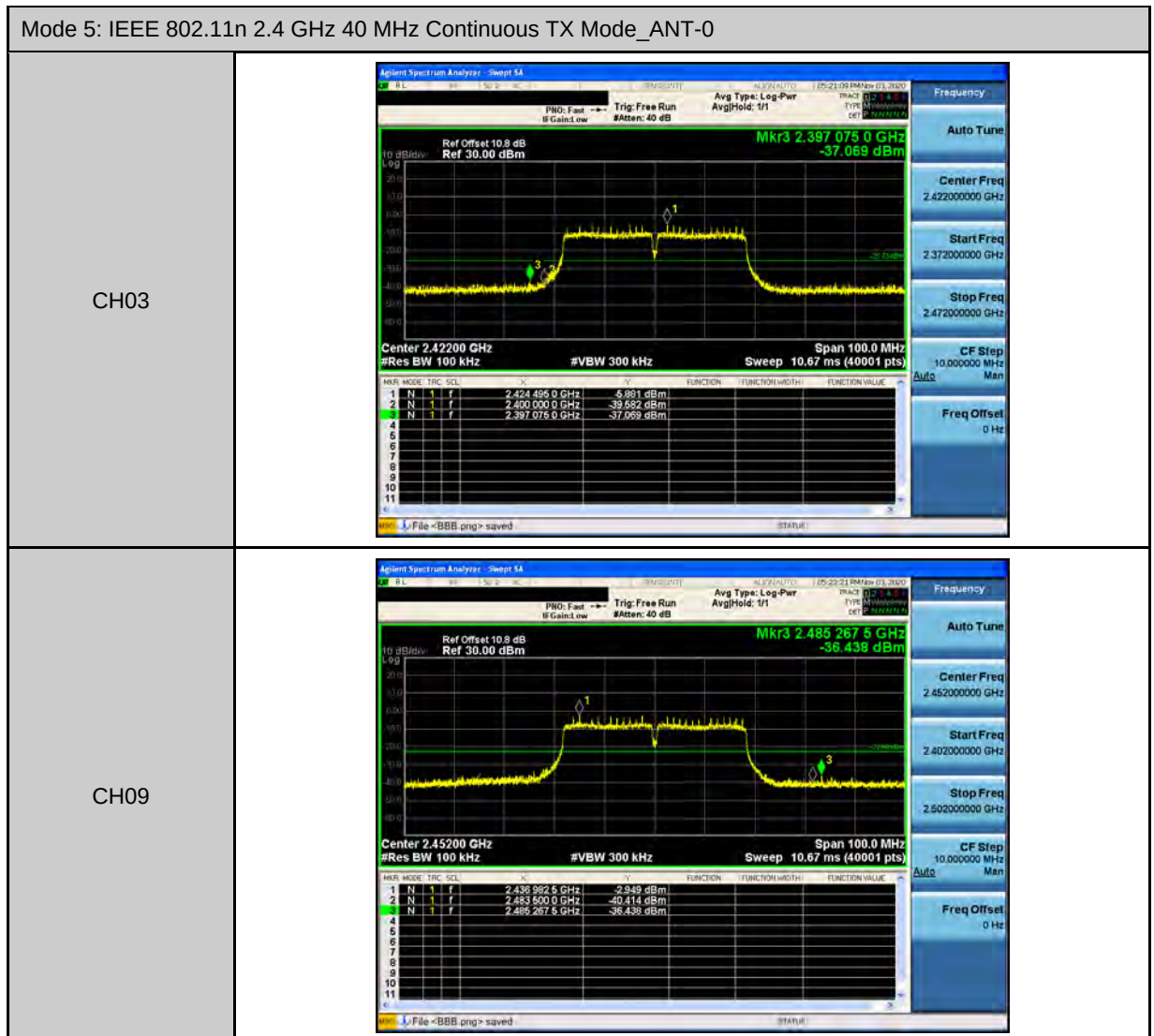


CH11



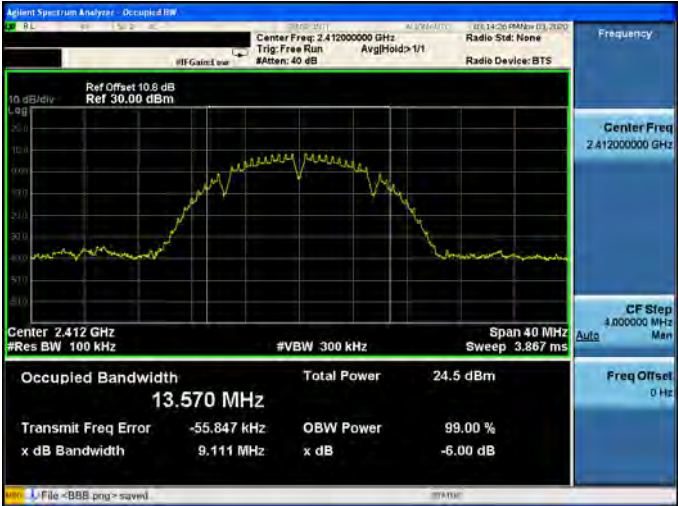
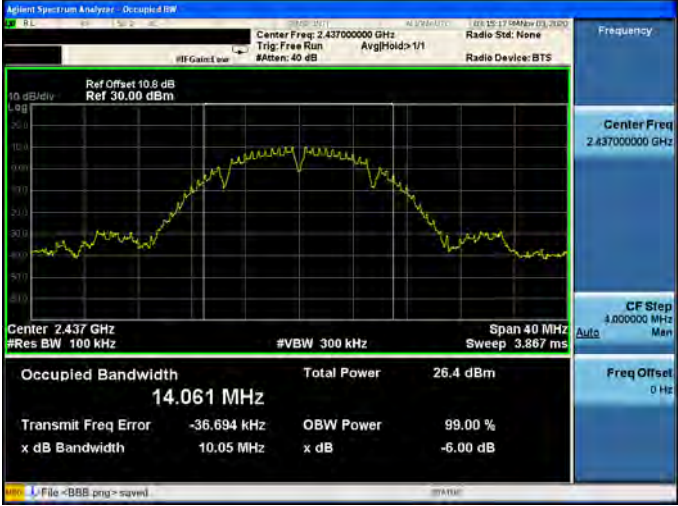
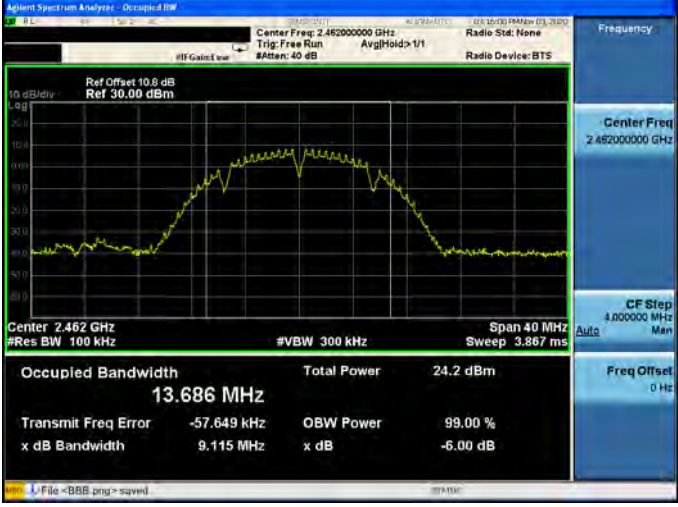


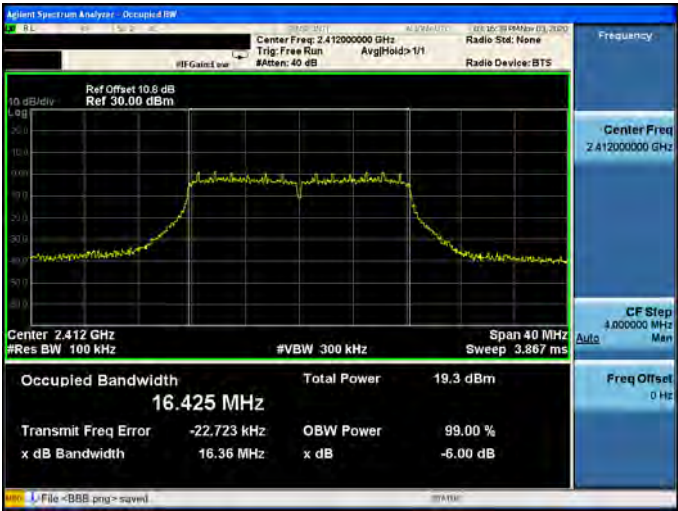
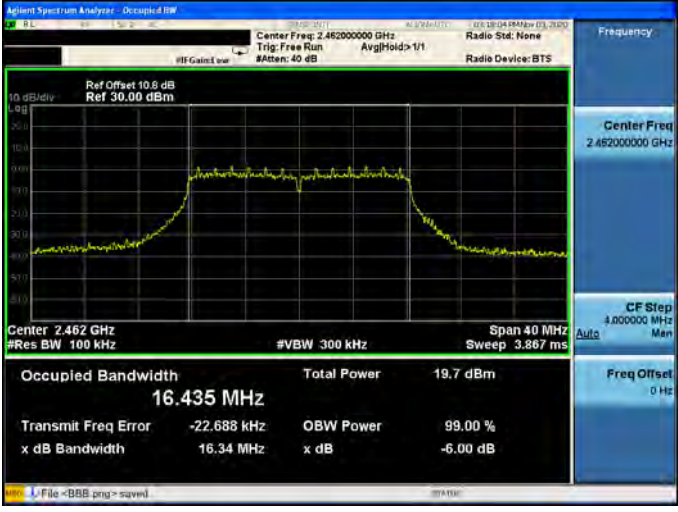


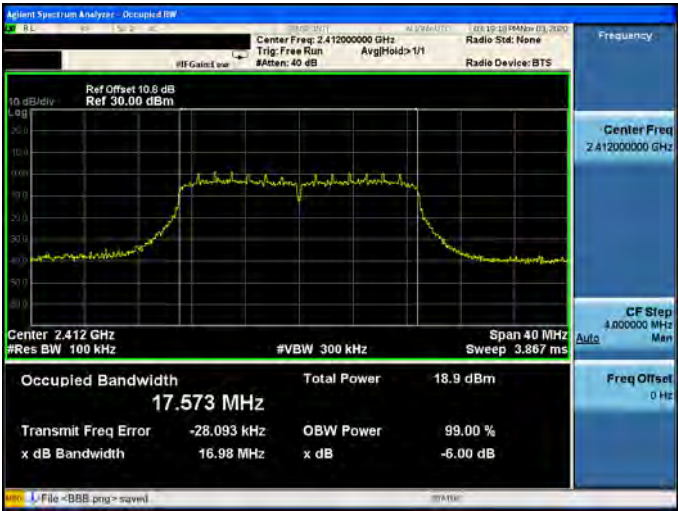


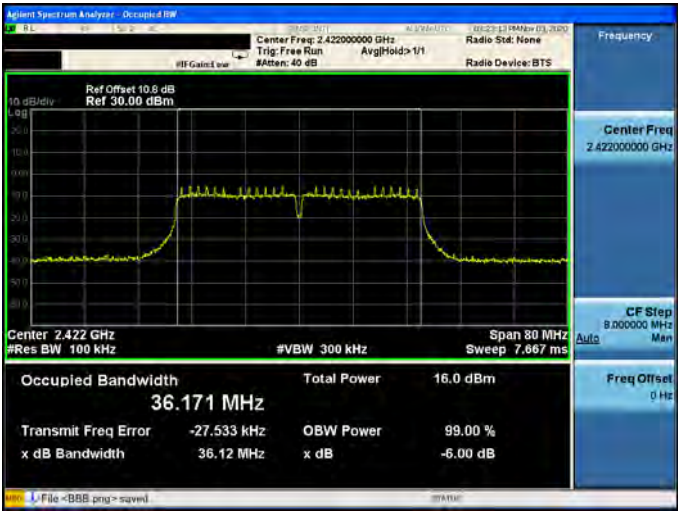
6 dB Bandwidth

操作模式	頻道	量測值 (kHz)	限制值 (kHz)
		ANT-0	
Mode 2	CH01	9111	≥ 500
	CH06	10050	≥ 500
	CH11	9115	≥ 500
Mode 3	CH01	16360	≥ 500
	CH06	16310	≥ 500
	CH11	16340	≥ 500
Mode 4	CH01	16980	≥ 500
	CH06	16030	≥ 500
	CH11	17100	≥ 500
Mode 5	CH03	36120	≥ 500
	CH06	36020	≥ 500
	CH09	35830	≥ 500

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.41200000 GHz Ref Offset 10.8 dB Ref 30.00 dBm Occupied Bandwidth 13.570 MHz Total Power 24.5 dBm Transmit Freq Error -55.847 kHz OBW Power 99.00 % x dB Bandwidth 9.111 MHz x dB -6.00 dB Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Frequency Center Freq 2.41200000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.43700000 GHz Ref Offset 10.8 dB Ref 30.00 dBm Occupied Bandwidth 14.061 MHz Total Power 26.4 dBm Transmit Freq Error -36.694 kHz OBW Power 99.00 % x dB Bandwidth 10.05 MHz x dB -6.00 dB Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Frequency Center Freq 2.43700000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.46200000 GHz Ref Offset 10.8 dB Ref 30.00 dBm Occupied Bandwidth 13.686 MHz Total Power 24.2 dBm Transmit Freq Error -57.649 kHz OBW Power 99.00 % x dB Bandwidth 9.115 MHz x dB -6.00 dB Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Frequency Center Freq 2.46200000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz

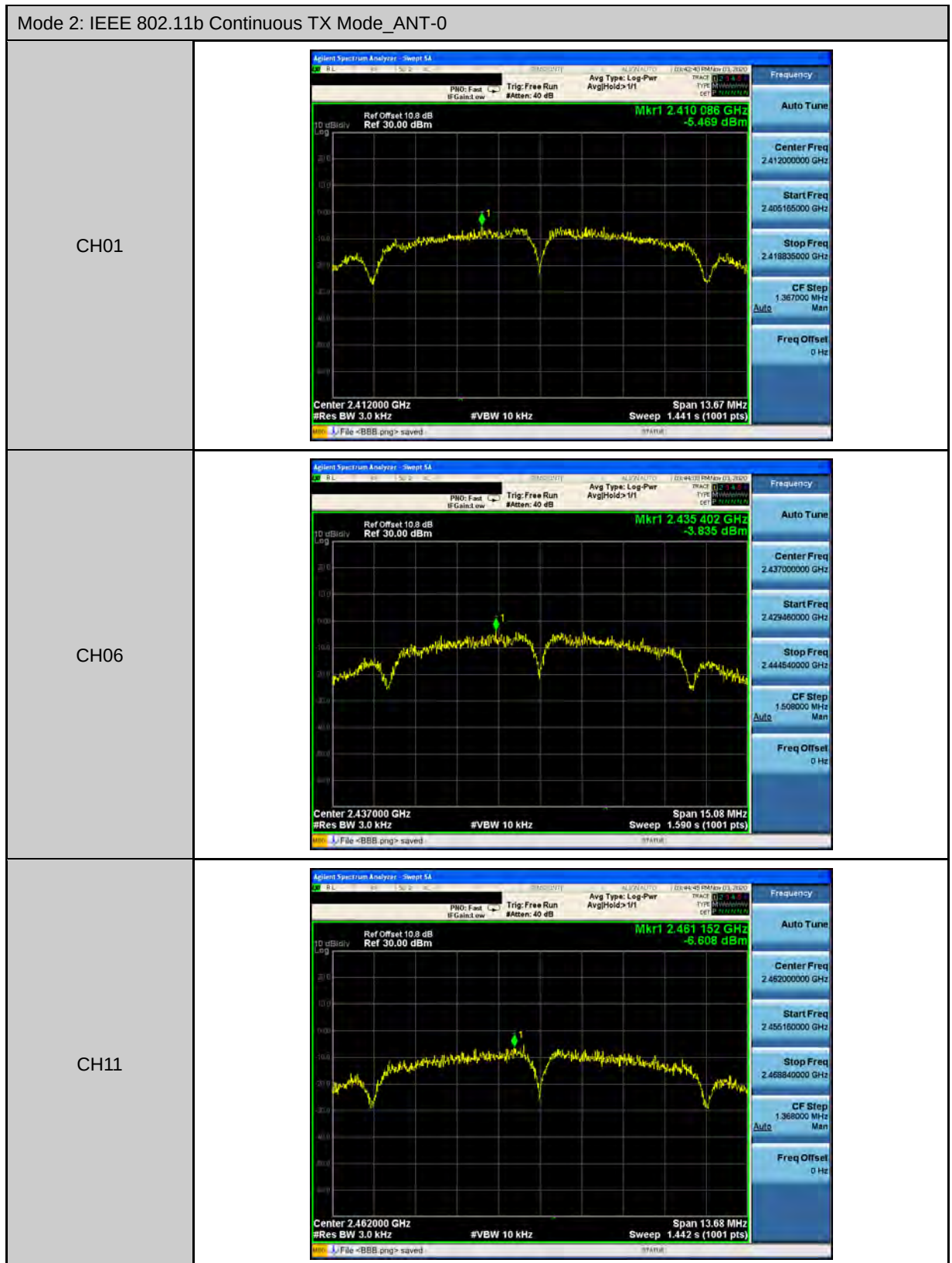
Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 10.6 dB Ref 30.00 dBm Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 16.425 MHz Total Power 19.3 dBm Transmit Freq Error -22.723 kHz OBW Power 99.00 % x dB Bandwidth 16.36 MHz x dB -6.00 dB File <BBS.png> saved
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 10.6 dB Ref 30.00 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 16.548 MHz Total Power 24.0 dBm Transmit Freq Error -13.503 kHz OBW Power 99.00 % x dB Bandwidth 16.31 MHz x dB -6.00 dB File <BBS.png> saved
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.46200000 GHz Trig: Free Run AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 10.6 dB Ref 30.00 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 16.435 MHz Total Power 19.7 dBm Transmit Freq Error -22.688 kHz OBW Power 99.00 % x dB Bandwidth 16.34 MHz x dB -6.00 dB File <BBS.png> saved

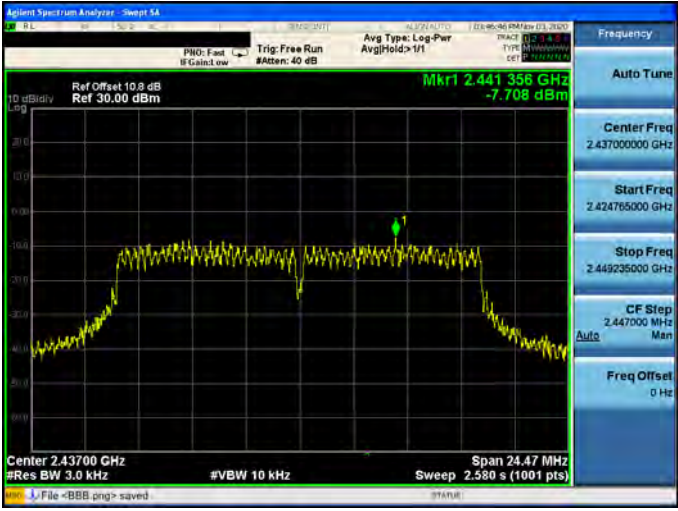
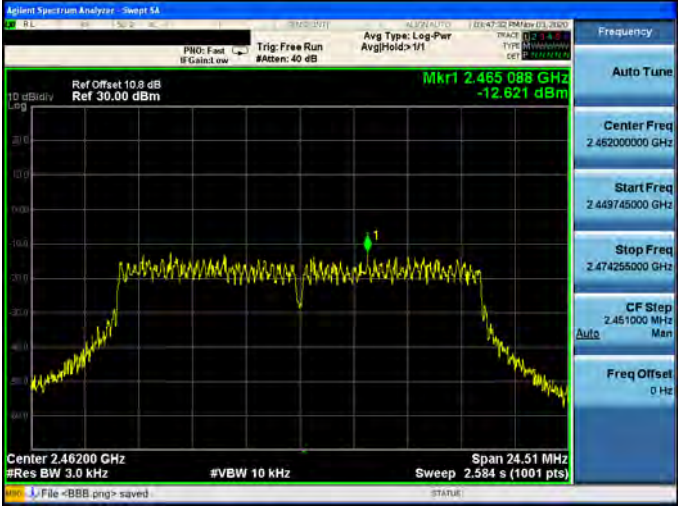
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-0	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Ref Offset: 10.6 dB Ref: 30.00 dBm Center: 2.412 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 17.573 MHz Total Power: -18.9 dBm Transmit Freq Error: -28.093 kHz OBW Power: 99.00 % x dB Bandwidth: 16.98 MHz x dB: -6.00 dB
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Ref Offset: 10.6 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 22.627 MHz Total Power: -27.4 dBm Transmit Freq Error: -302.79 kHz OBW Power: 99.00 % x dB Bandwidth: 16.03 MHz x dB: -6.00 dB
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.46200000 GHz Ref Offset: 10.6 dB Ref: 30.00 dBm Center: 2.462 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 17.562 MHz Total Power: -19.7 dBm Transmit Freq Error: -12.558 kHz OBW Power: 99.00 % x dB Bandwidth: 17.10 MHz x dB: -6.00 dB

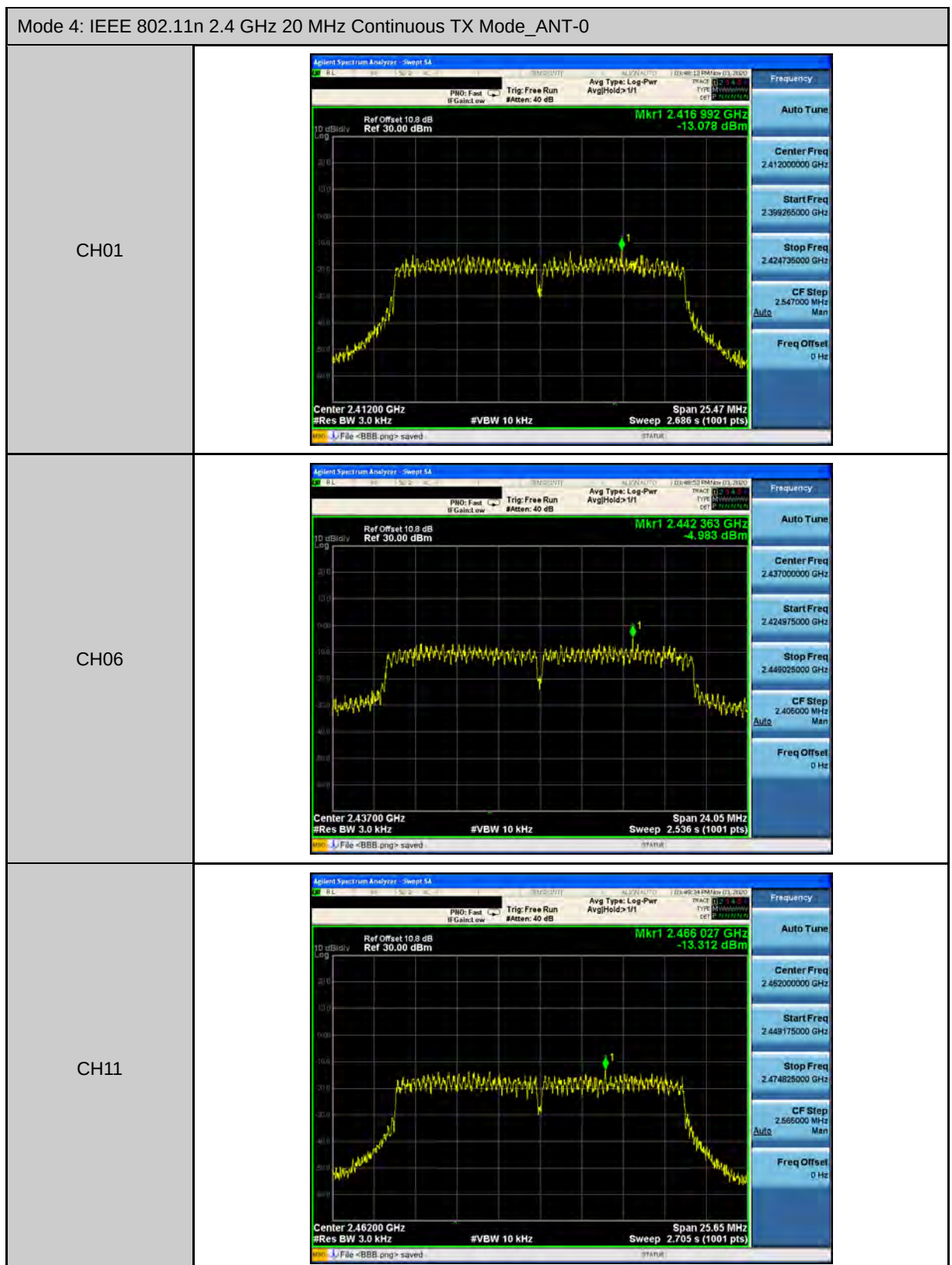
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0	
CH03	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.42200000 GHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 36.171 MHz Total Power: 16.0 dBm Transmit Freq Error: -27.533 kHz OBW Power: 99.00 % x dB Bandwidth: 36.12 MHz x dB: -6.00 dB
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 51.272 MHz Total Power: 27.4 dBm Transmit Freq Error: -1.6060 MHz OBW Power: 99.00 % x dB Bandwidth: 36.02 MHz x dB: -6.00 dB
CH09	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.45200000 GHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 36.140 MHz Total Power: 18.5 dBm Transmit Freq Error: -50.076 kHz OBW Power: 99.00 % x dB Bandwidth: 35.83 MHz x dB: -6.00 dB

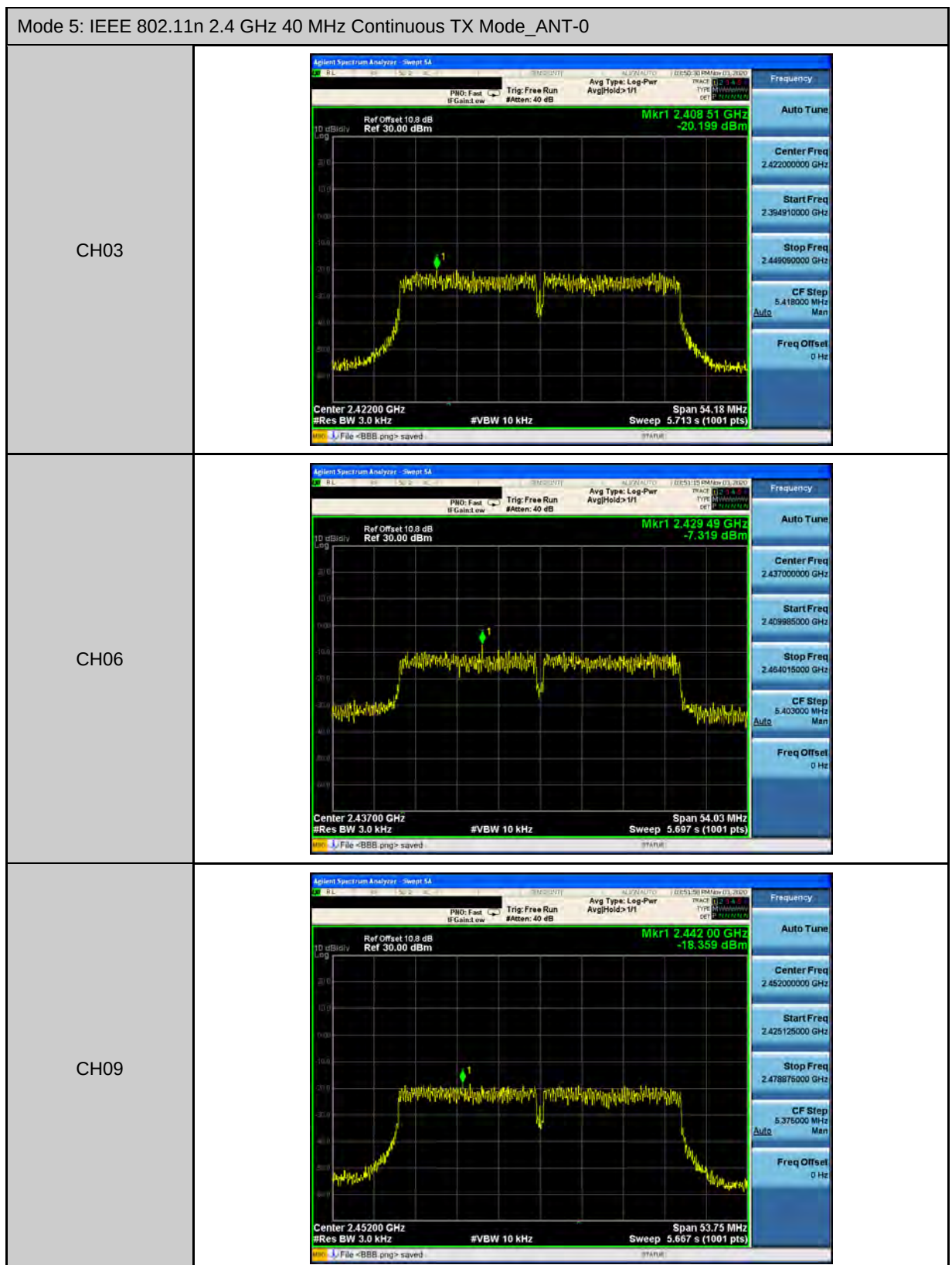
Maximum Power Spectral Density

操作模式	頻道	量測值 (dBm)	限制值 (dBm/3 kHz)
		ANT-0	
Mode 2	CH01	-5.469	≤ 8.00
	CH06	-3.835	≤ 8.00
	CH11	-6.608	≤ 8.00
Mode 3	CH01	-13.088	≤ 8.00
	CH06	-7.708	≤ 8.00
	CH11	-12.621	≤ 8.00
Mode 4	CH01	-13.078	≤ 8.00
	CH06	-4.983	≤ 8.00
	CH11	-13.312	≤ 8.00
Mode 5	CH03	-20.199	≤ 8.00
	CH06	-7.319	≤ 8.00
	CH09	-18.359	≤ 8.00



Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0	
CH01	
CH06	
CH11	

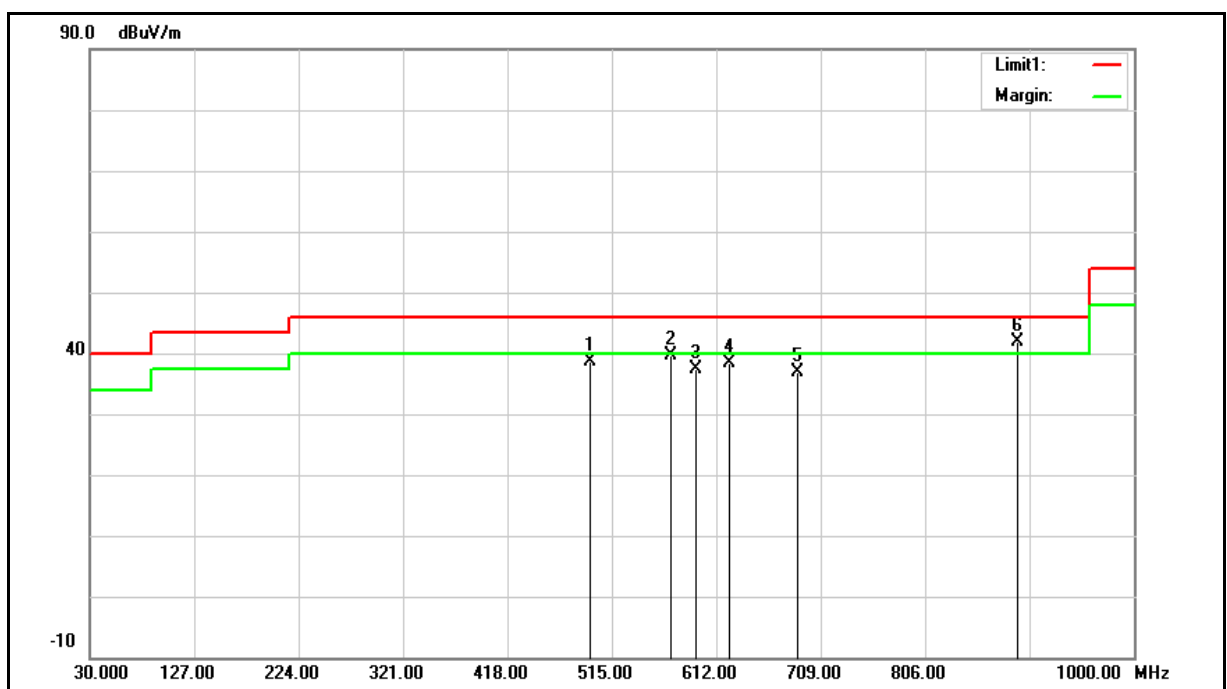




Annex D. Radiated Emission Measurement (5 GHz)

其它不必要之訊號 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	494.6300	58.21	-19.70	38.51	46.00	-7.49	QP
2	569.3200	57.61	-17.88	39.73	46.00	-6.27	QP
3	593.5700	54.77	-17.29	37.48	46.00	-8.52	QP
4	624.6100	55.15	-16.88	38.27	46.00	-7.73	QP
5	687.6600	53.07	-16.17	36.90	46.00	-9.10	QP
6	891.3600	55.24	-13.28	41.96	46.00	-4.04	QP

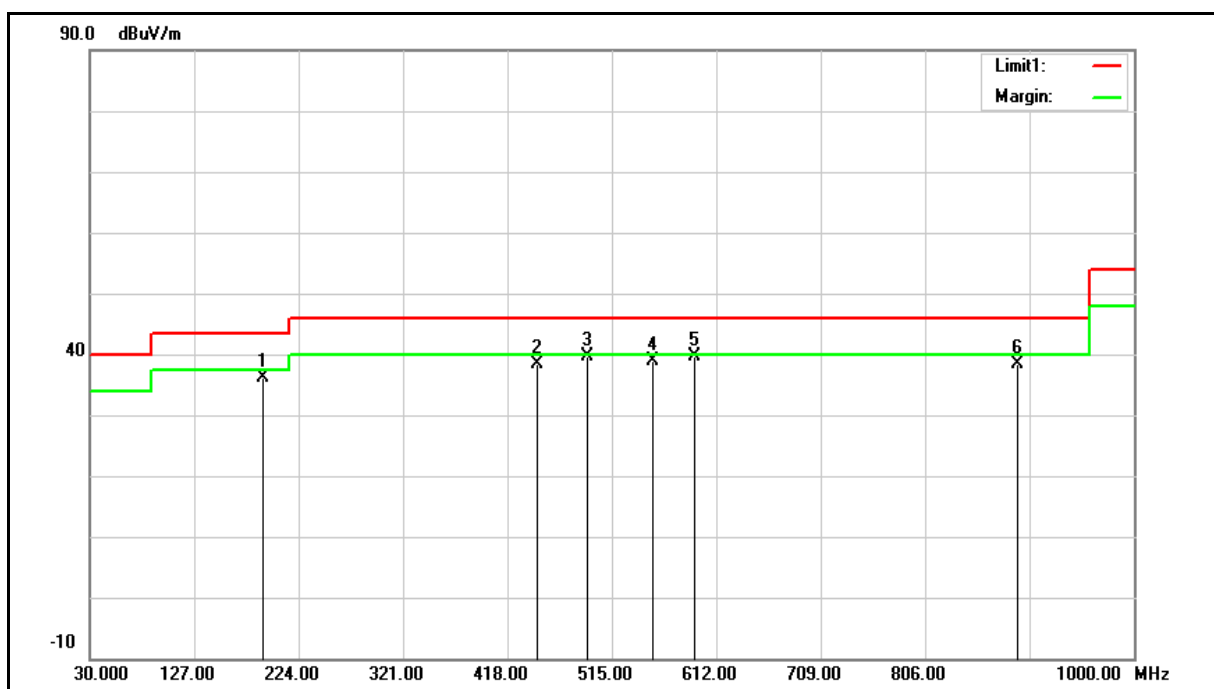
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $38.51 = -19.70 + 58.21$.

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	191.0200	63.22	-26.97	36.25	43.50	-7.25	QP
2	445.1600	58.73	-20.29	38.44	46.00	-7.56	QP
3	491.7200	59.36	-19.74	39.62	46.00	-6.38	QP
4	552.8300	57.08	-18.31	38.77	46.00	-7.23	QP
5	591.6300	57.04	-17.33	39.71	46.00	-6.29	QP
6	891.3600	51.77	-13.28	38.49	46.00	-7.51	QP

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

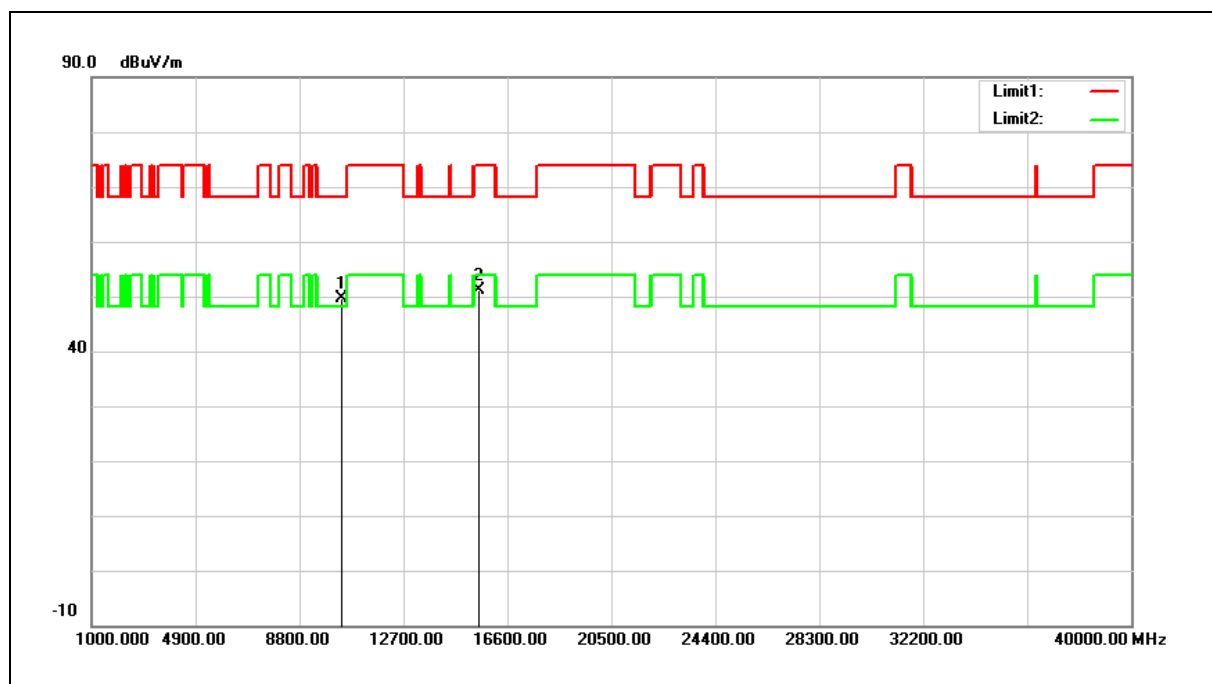
Example: $36.25 = -26.97 + 63.22$.

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

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

場強輻射量側 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	37.91	11.69	49.60	68.20	-18.60	peak
2	15540.000	36.61	14.52	51.13	74.00	-22.87	peak

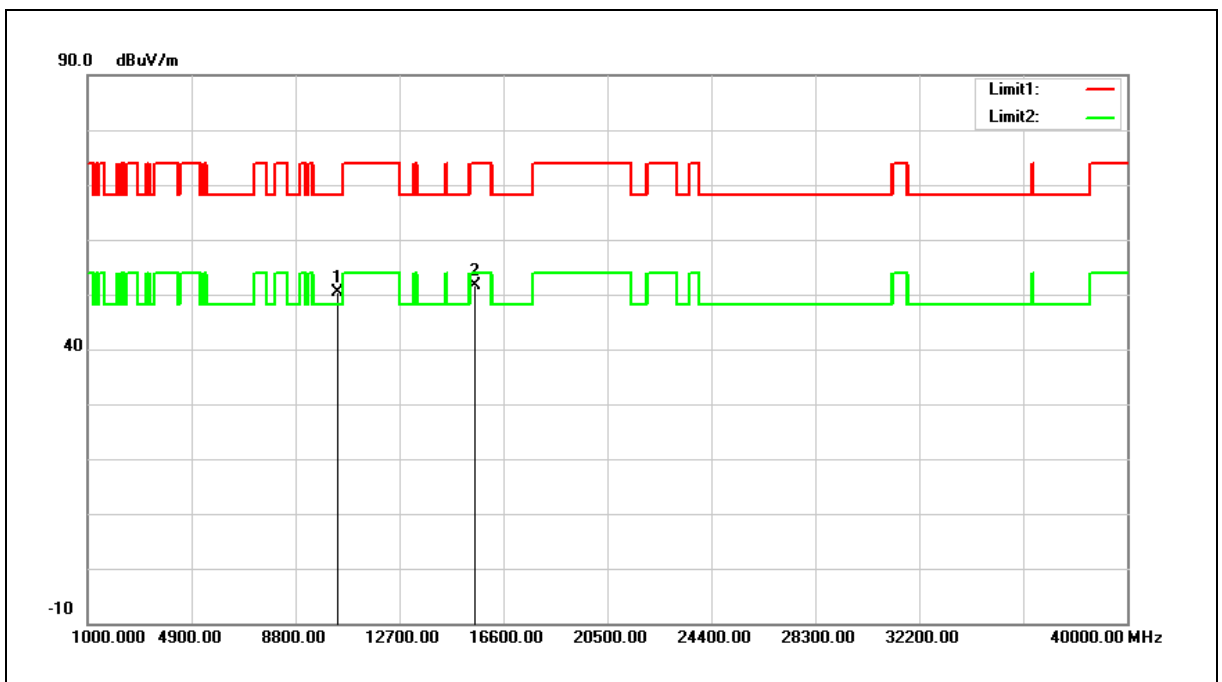
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 49.60 = 11.69 + 37.91.

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	38.68	11.69	50.37	68.20	-17.83	peak
2	15540.000	37.09	14.52	51.61	74.00	-22.39	peak

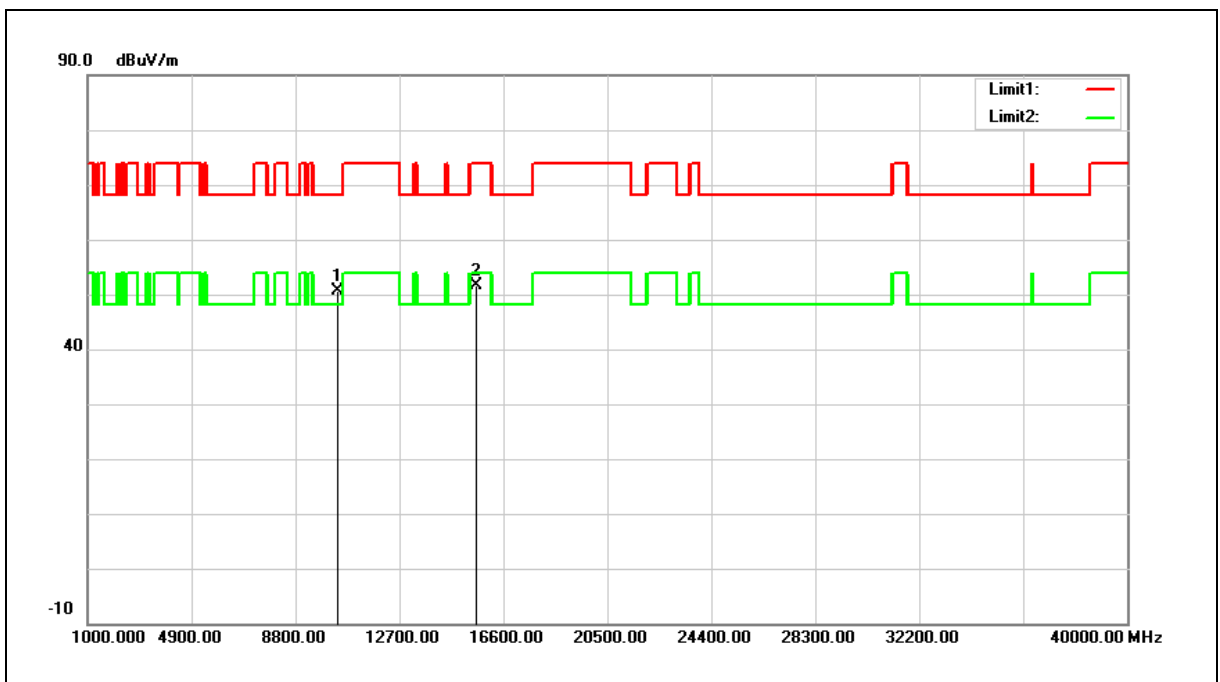
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $50.37 = 11.69 + 38.68$.

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

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

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



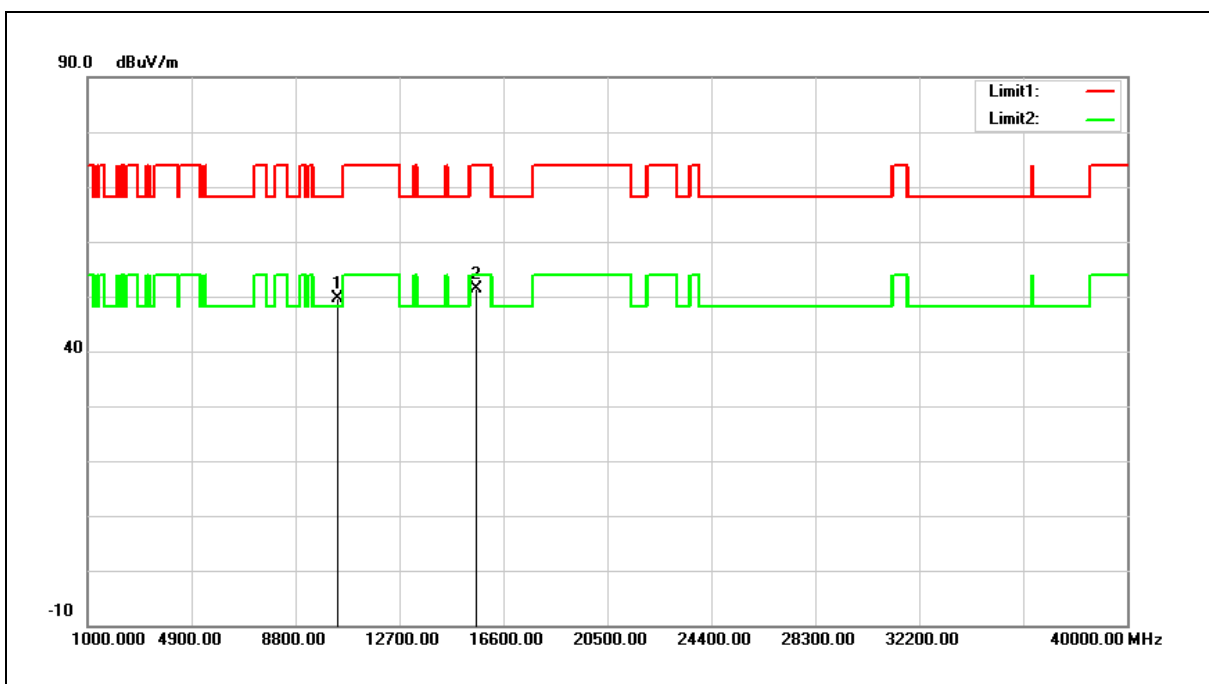
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	38.83	11.79	50.62	68.20	-17.58	peak
2	15600.000	37.25	14.39	51.64	74.00	-22.36	peak

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

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

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

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



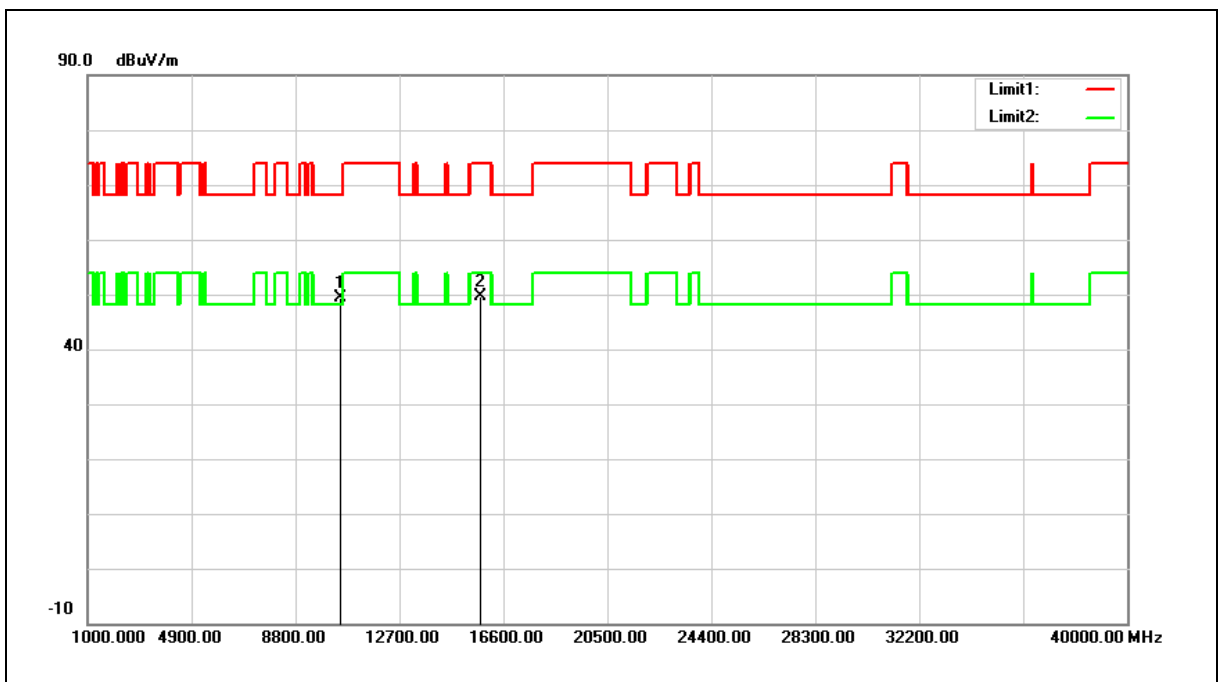
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	37.96	11.79	49.75	68.20	-18.45	peak
2	15600.000	36.91	14.39	51.30	74.00	-22.70	peak

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:	5240MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



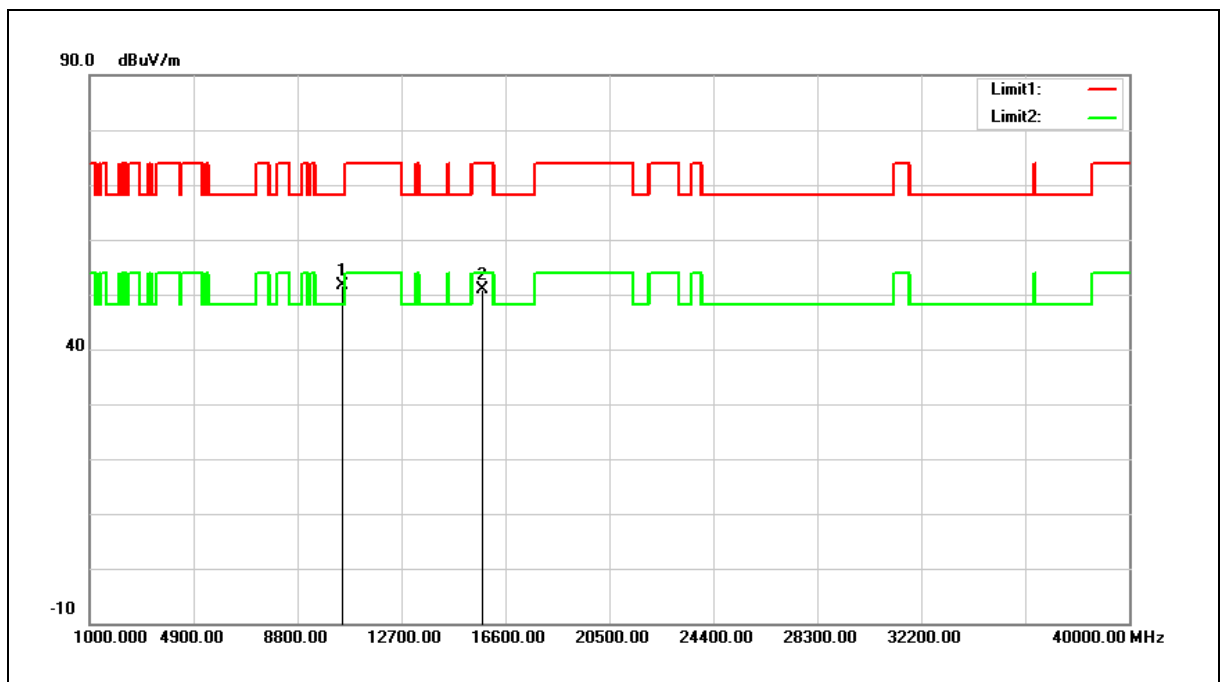
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	37.28	12.00	49.28	68.20	-18.92	peak
2	15720.000	35.49	14.13	49.62	74.00	-24.38	peak

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



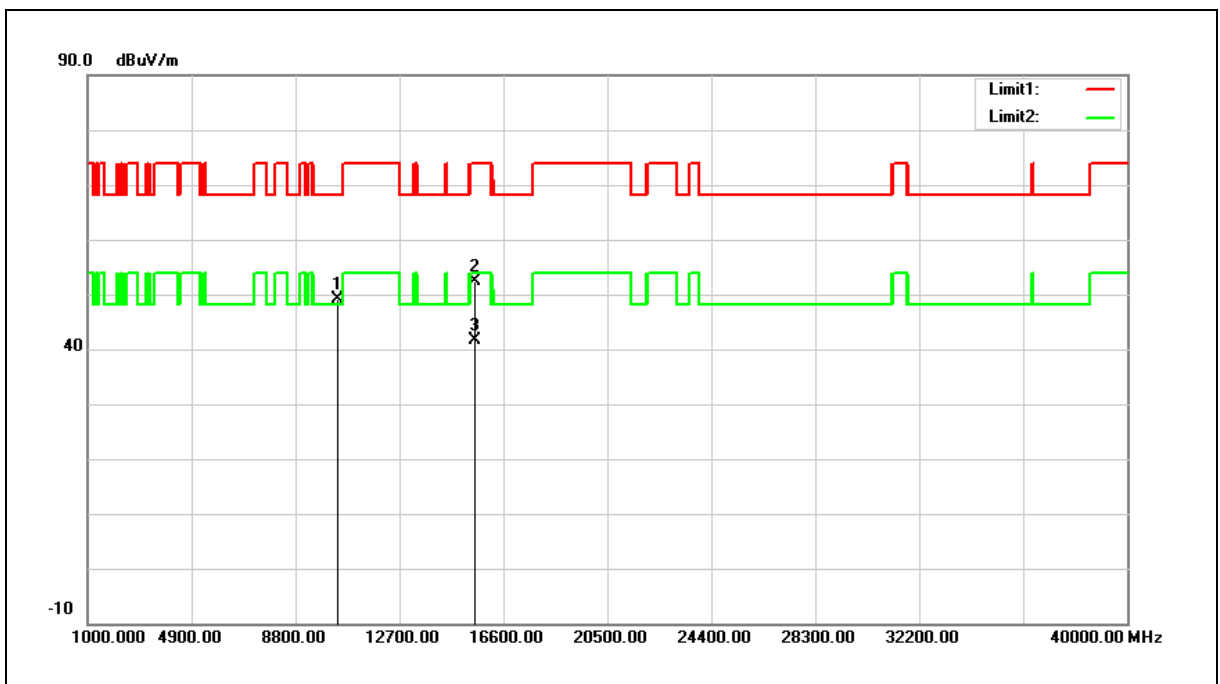
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	39.55	12.00	51.55	68.20	-16.65	peak
2	15720.000	36.73	14.13	50.86	74.00	-23.14	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



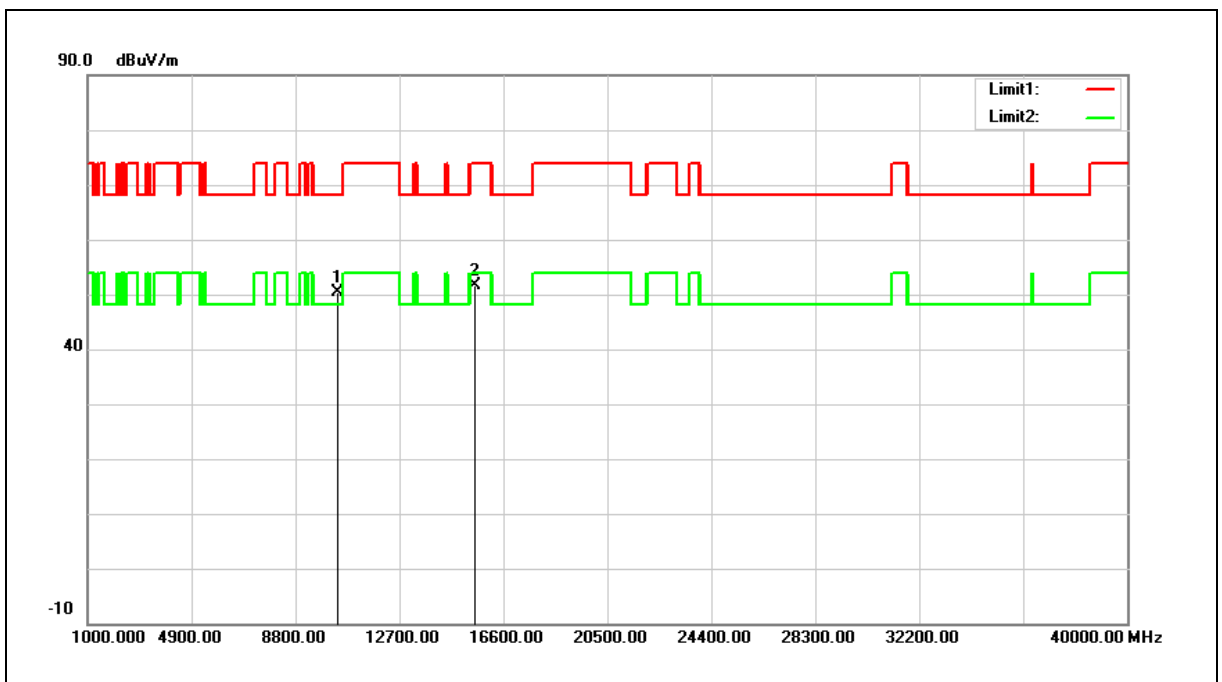
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	37.55	11.69	49.24	68.20	-18.96	peak
2	15540.000	37.82	14.52	52.34	74.00	-21.66	peak
3	15540.000	27.09	14.52	41.61	54.00	-12.39	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



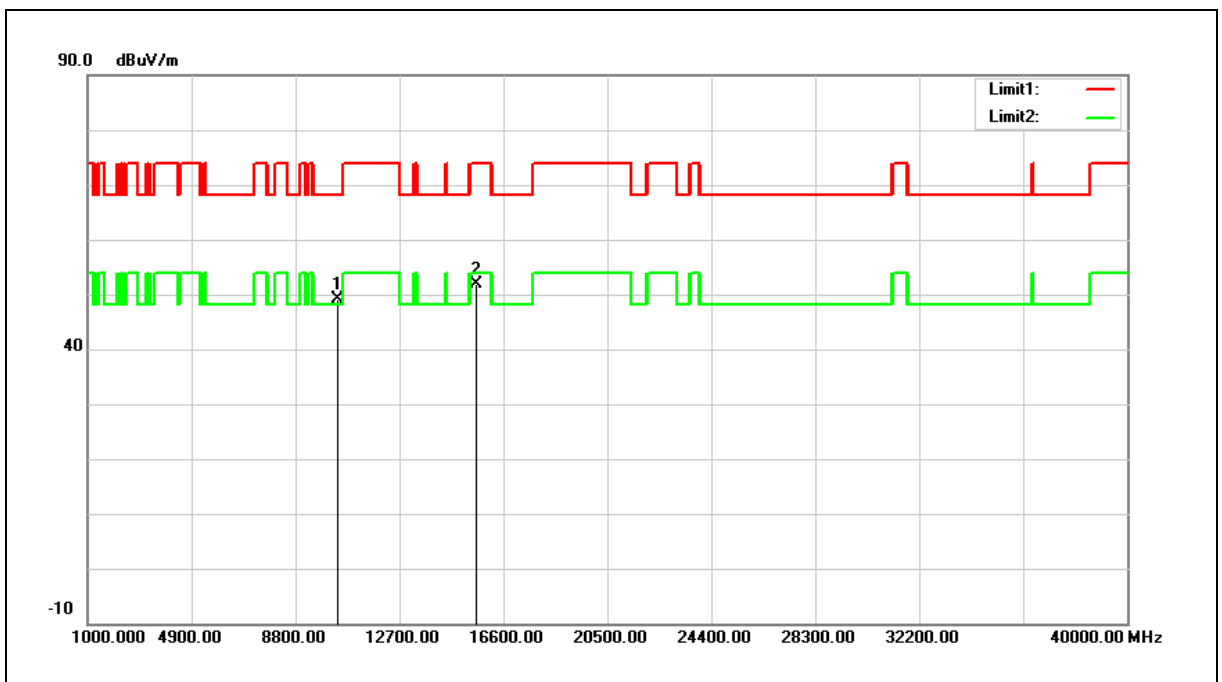
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	38.66	11.69	50.35	68.20	-17.85	peak
2	15540.000	37.11	14.52	51.63	74.00	-22.37	peak

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:	5200MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



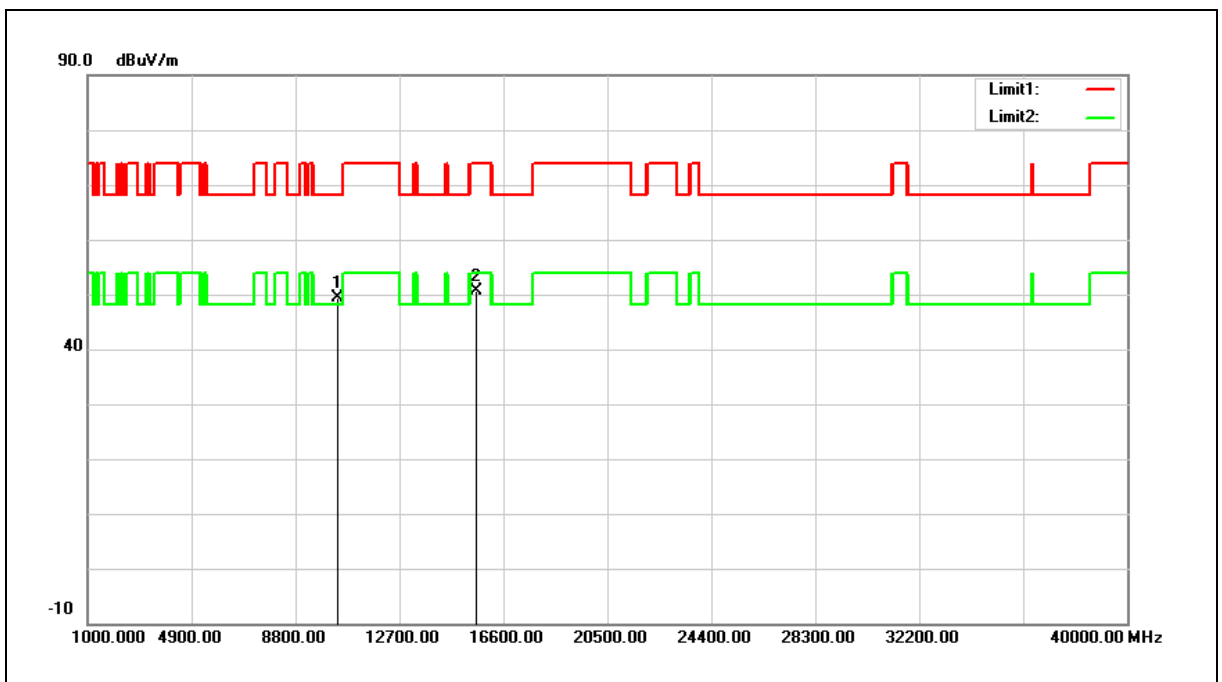
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	37.31	11.79	49.10	68.20	-19.10	peak
2	15600.000	37.51	14.39	51.90	74.00	-22.10	peak

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 Distance:	3 m
Test item:	Harmonic		
Frequency:	5200MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



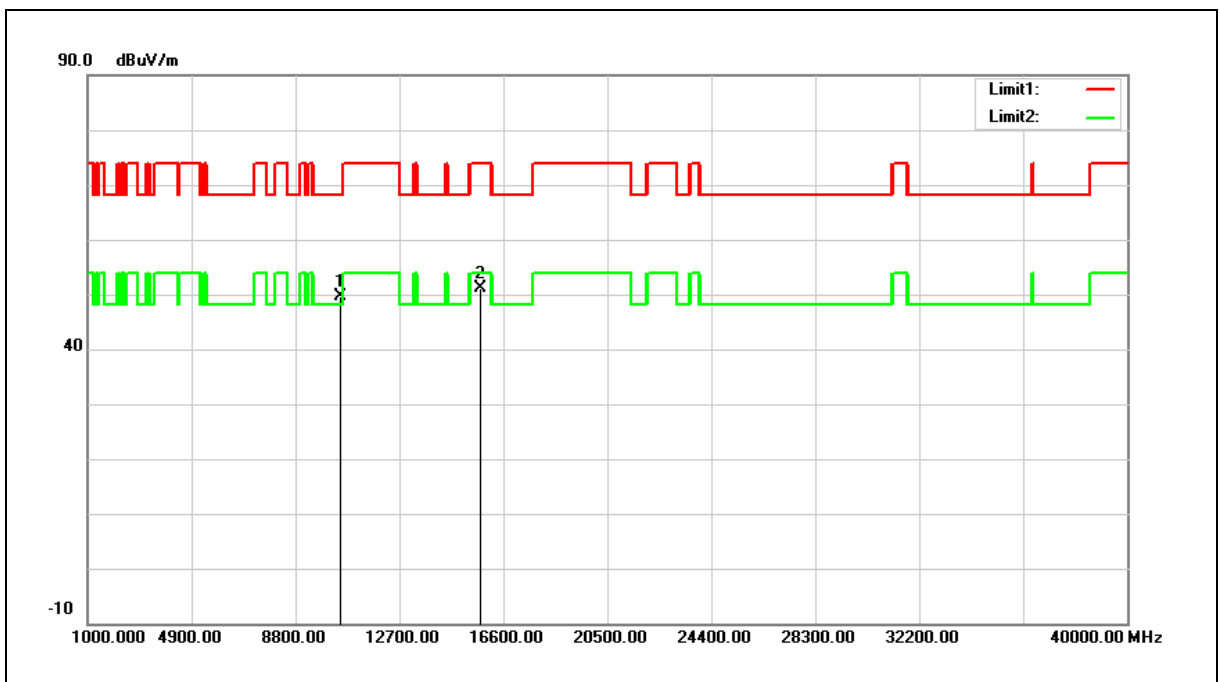
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	37.69	11.79	49.48	68.20	-18.72	peak
2	15600.000	36.15	14.39	50.54	74.00	-23.46	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



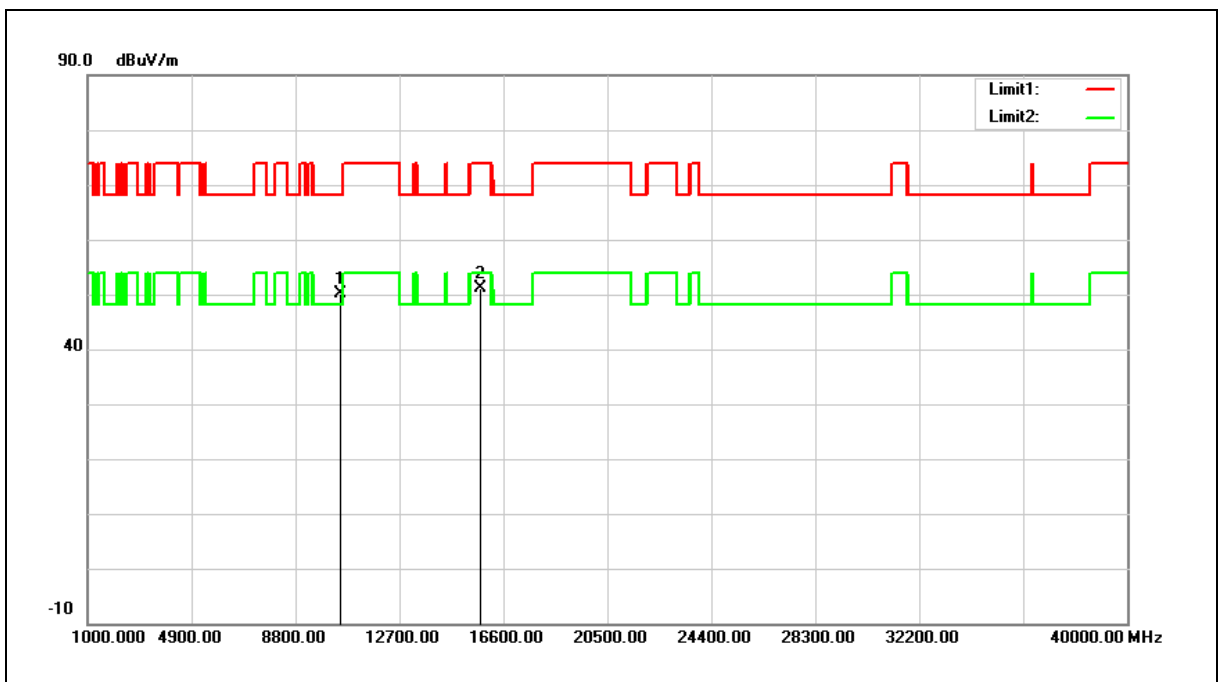
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	37.61	12.00	49.61	68.20	-18.59	peak
2	15720.000	37.02	14.13	51.15	74.00	-22.85	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



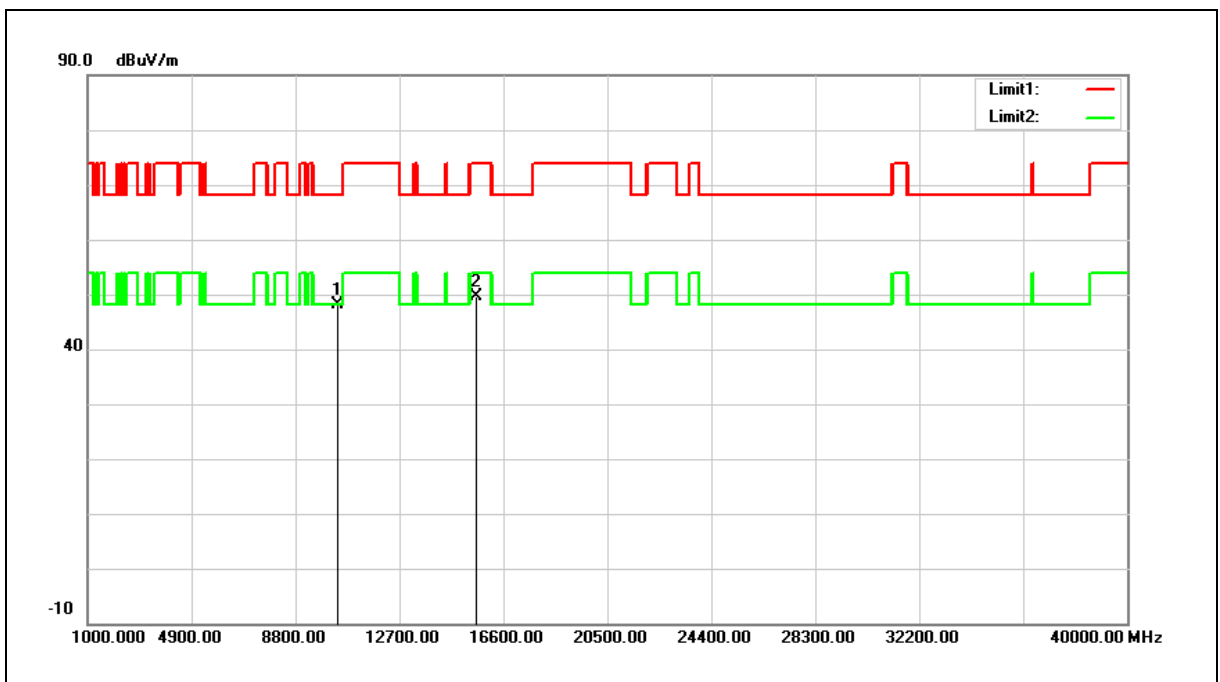
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	38.09	12.00	50.09	68.20	-18.11	peak
2	15720.000	36.98	14.13	51.11	74.00	-22.89	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



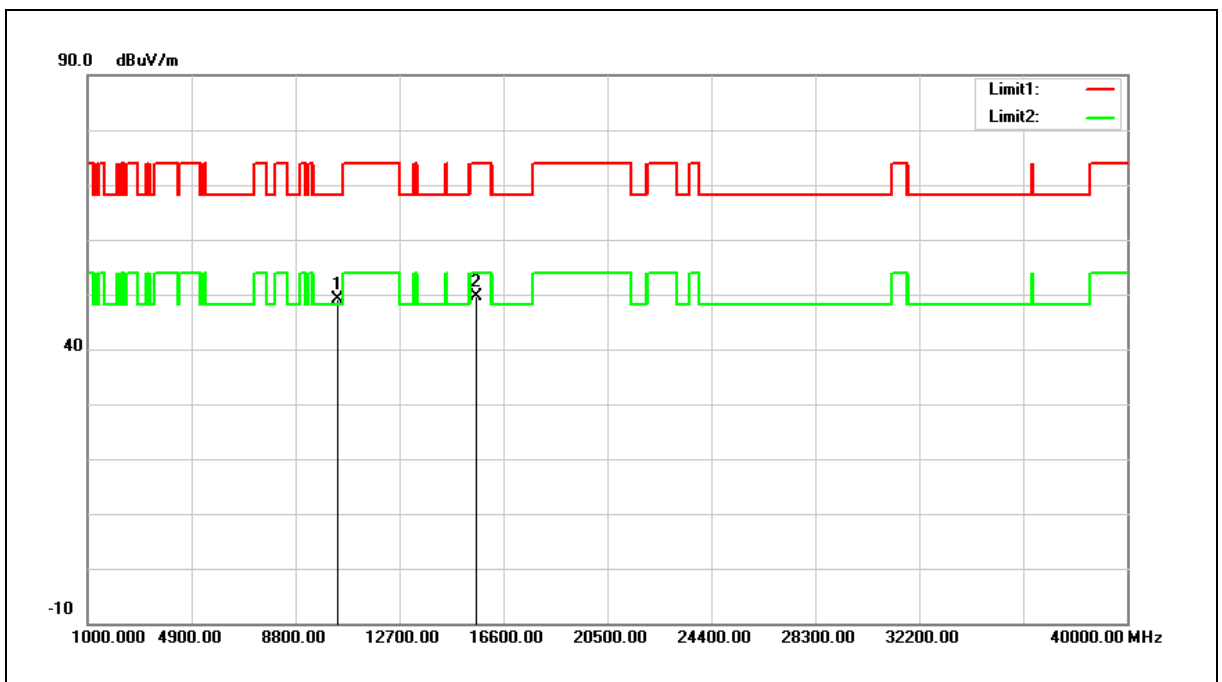
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	36.30	11.75	48.05	68.20	-20.15	peak
2	15570.000	35.25	14.45	49.70	74.00	-24.30	peak

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:	5190MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



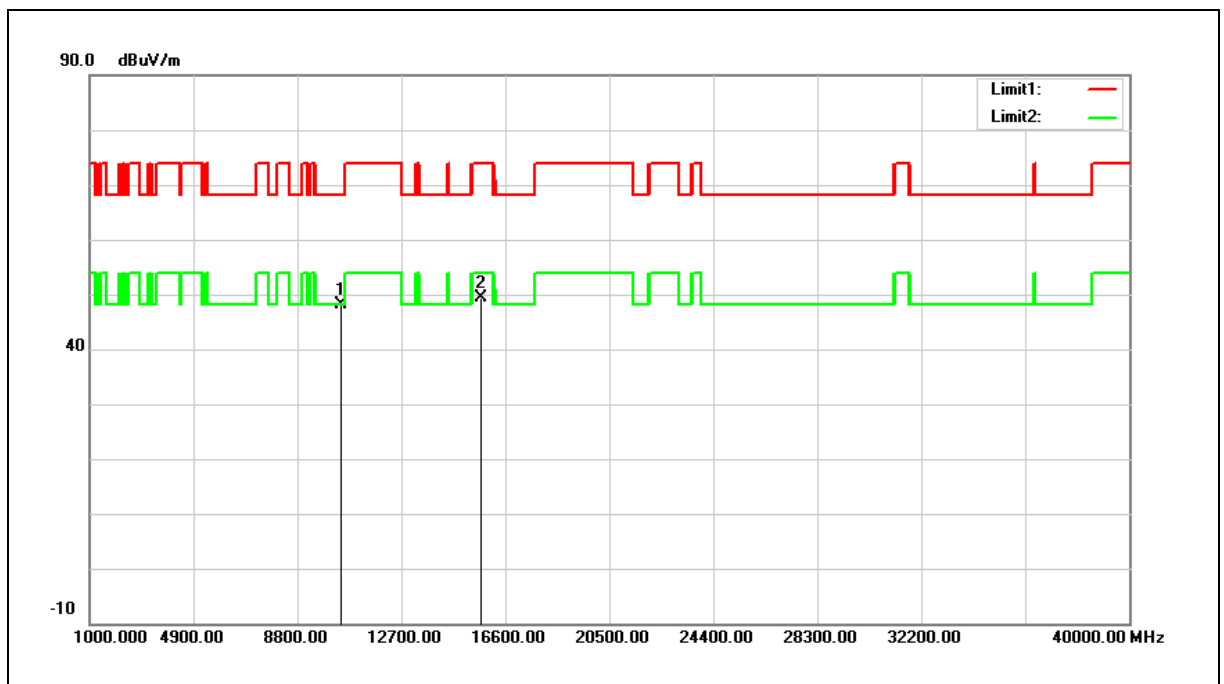
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	37.35	11.75	49.10	68.20	-19.10	peak
2	15570.000	35.13	14.45	49.58	74.00	-24.42	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



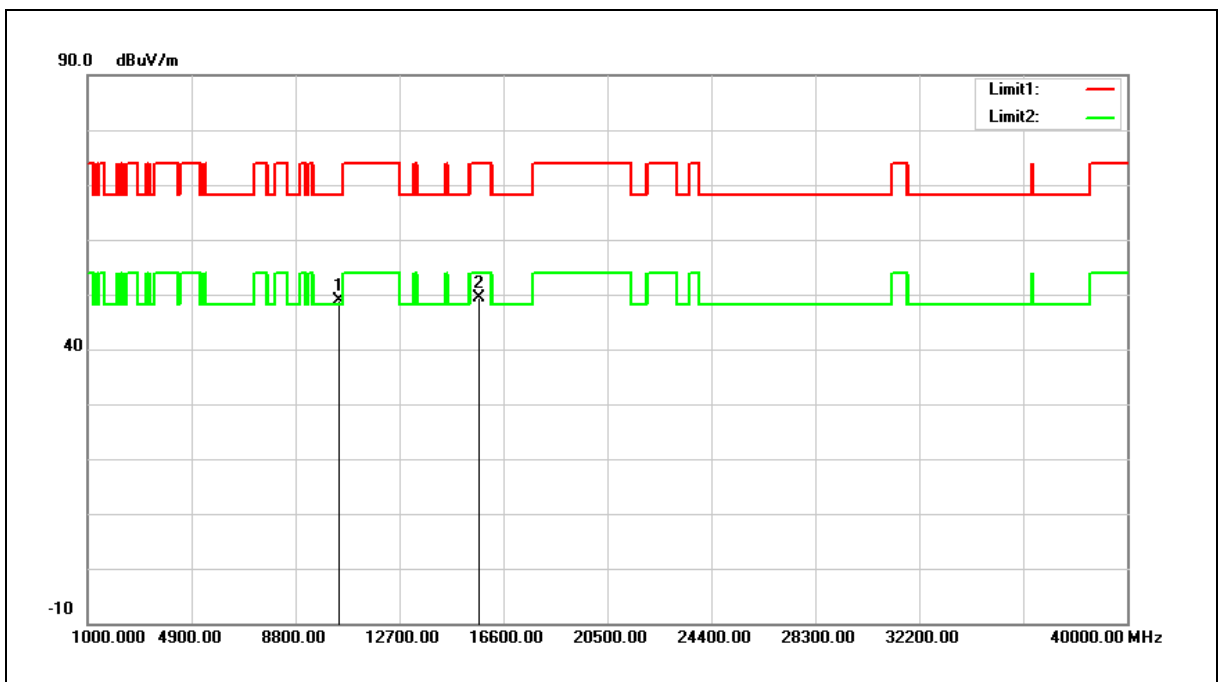
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	36.07	11.95	48.02	68.20	-20.18	peak
2	15690.000	35.09	14.19	49.28	74.00	-24.72	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



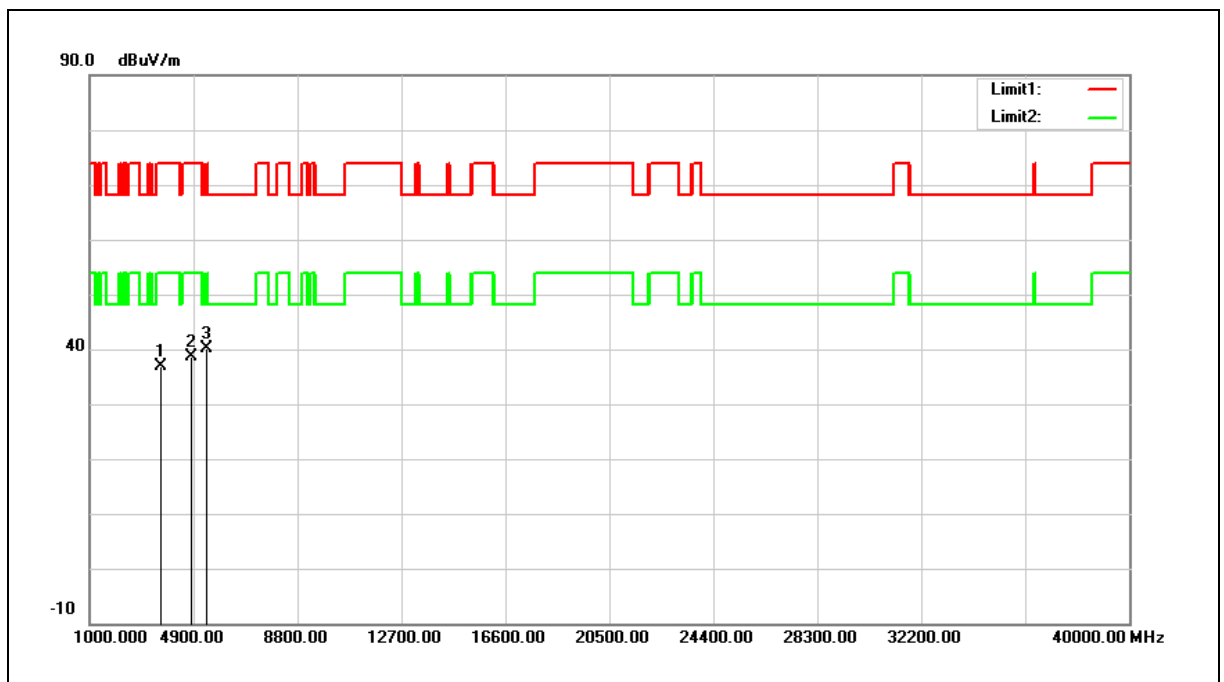
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	36.92	11.95	48.87	68.20	-19.33	peak
2	15690.000	35.26	14.19	49.45	74.00	-24.55	peak

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

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

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

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



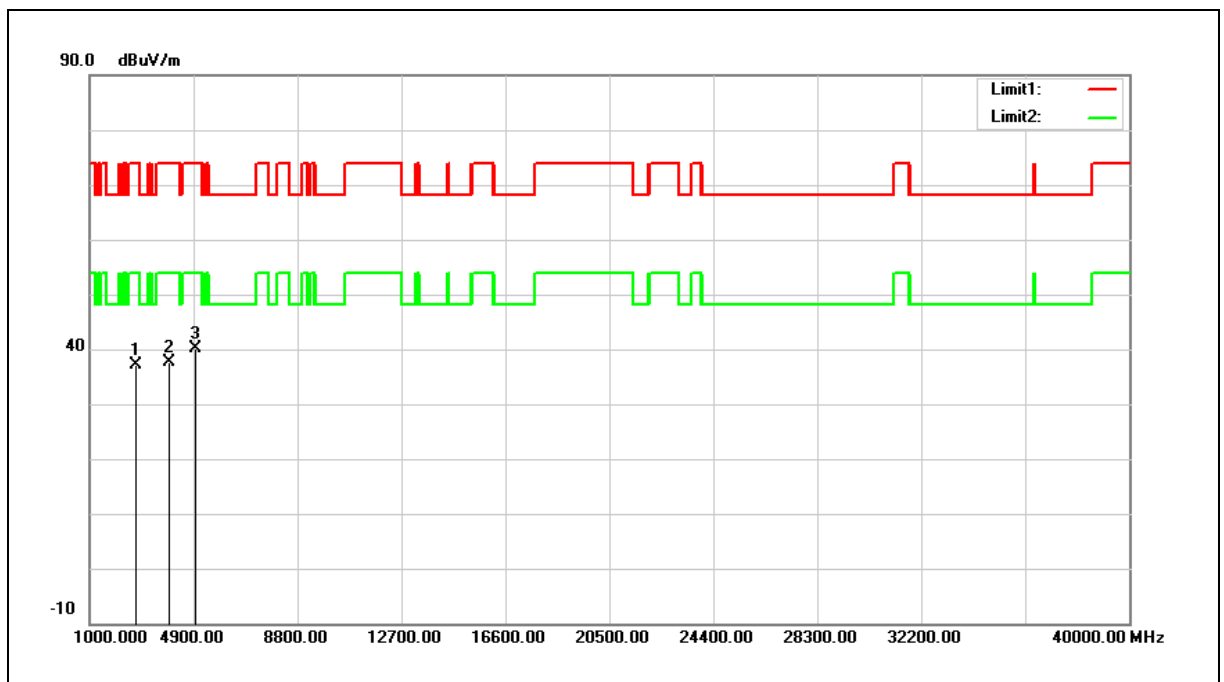
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3669.000	41.35	-4.38	36.97	74.00	-37.03	peak
2	4842.000	39.81	-1.20	38.61	74.00	-35.39	peak
3	5369.000	40.10	-0.04	40.06	74.00	-33.94	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 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	43.39	-6.31	37.08	74.00	-36.92	peak
2	3975.000	41.29	-3.56	37.73	74.00	-36.27	peak
3	4961.000	41.08	-0.88	40.20	74.00	-33.80	peak

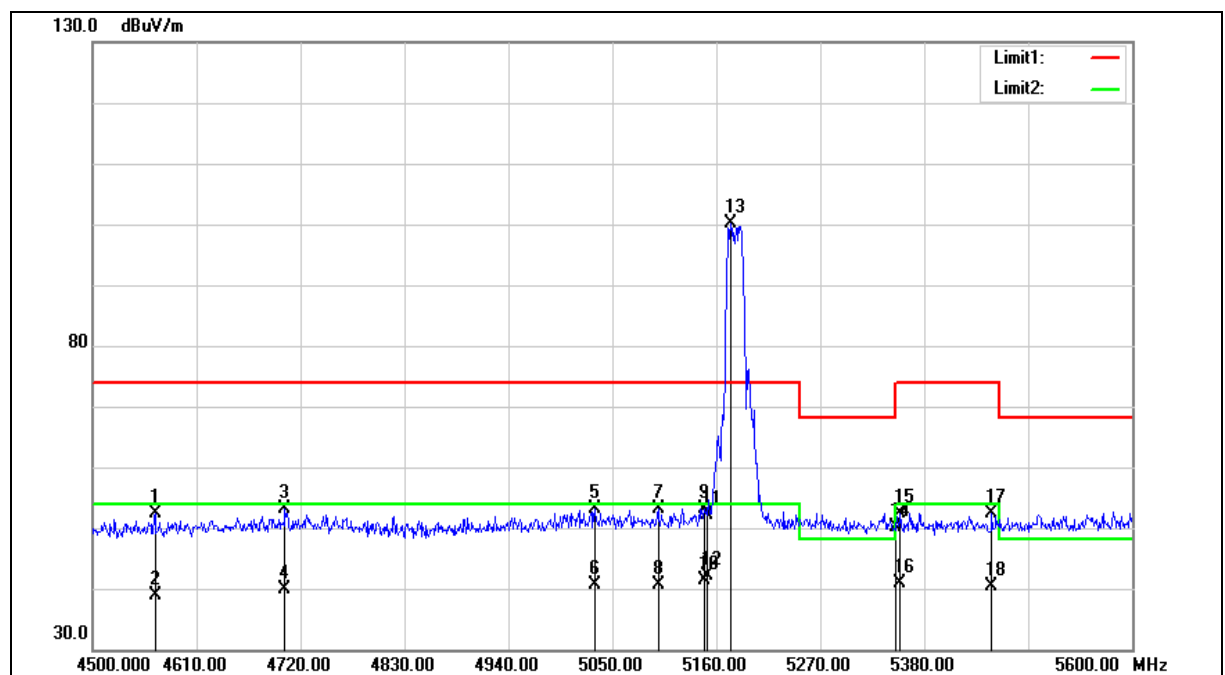
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

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



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

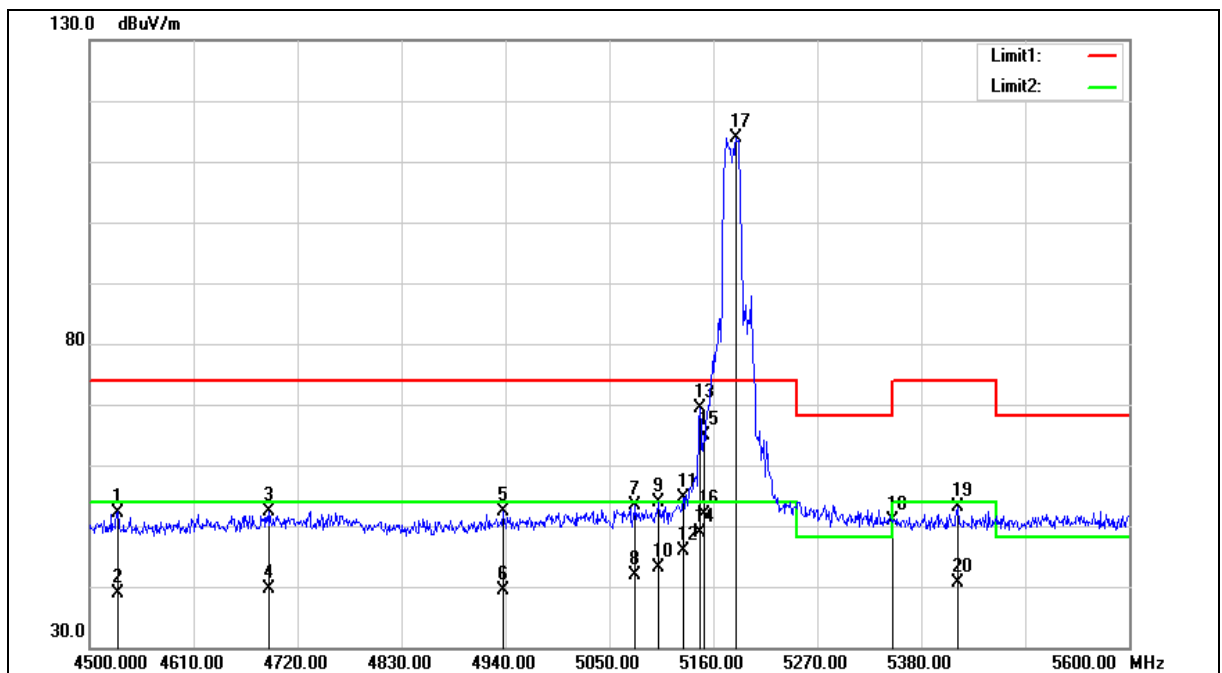
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4566.000	54.45	-1.96	52.49	74.00	-21.51	peak
2	4566.000	40.76	-1.96	38.80	54.00	-15.20	AVG
3	4703.500	54.77	-1.58	53.19	74.00	-20.81	peak
4	4703.500	41.56	-1.58	39.98	54.00	-14.02	AVG
5	5031.300	53.82	-0.70	53.12	74.00	-20.88	peak
6	5031.300	41.23	-0.70	40.53	54.00	-13.47	AVG
7	5098.400	53.74	-0.57	53.17	74.00	-20.83	peak
8	5098.400	41.32	-0.57	40.75	54.00	-13.25	AVG
9	5147.900	53.68	-0.48	53.20	74.00	-20.80	peak
10	5147.900	41.92	-0.48	41.44	54.00	-12.56	AVG
11	5150.000	52.70	-0.48	52.22	74.00	-21.78	peak
12	5150.000	42.51	-0.48	42.03	54.00	-11.97	AVG
13	5175.400	100.59	-0.43	100.16	--	--	peak
14	5350.000	50.11	-0.08	50.03	74.00	-23.97	peak
15	5354.700	52.49	-0.08	52.41	74.00	-21.59	peak
16	5354.700	40.86	-0.08	40.78	54.00	-13.22	AVG
17	5451.500	52.23	0.12	52.35	74.00	-21.65	peak
18	5451.500	40.24	0.12	40.36	54.00	-13.64	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:	5180MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



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

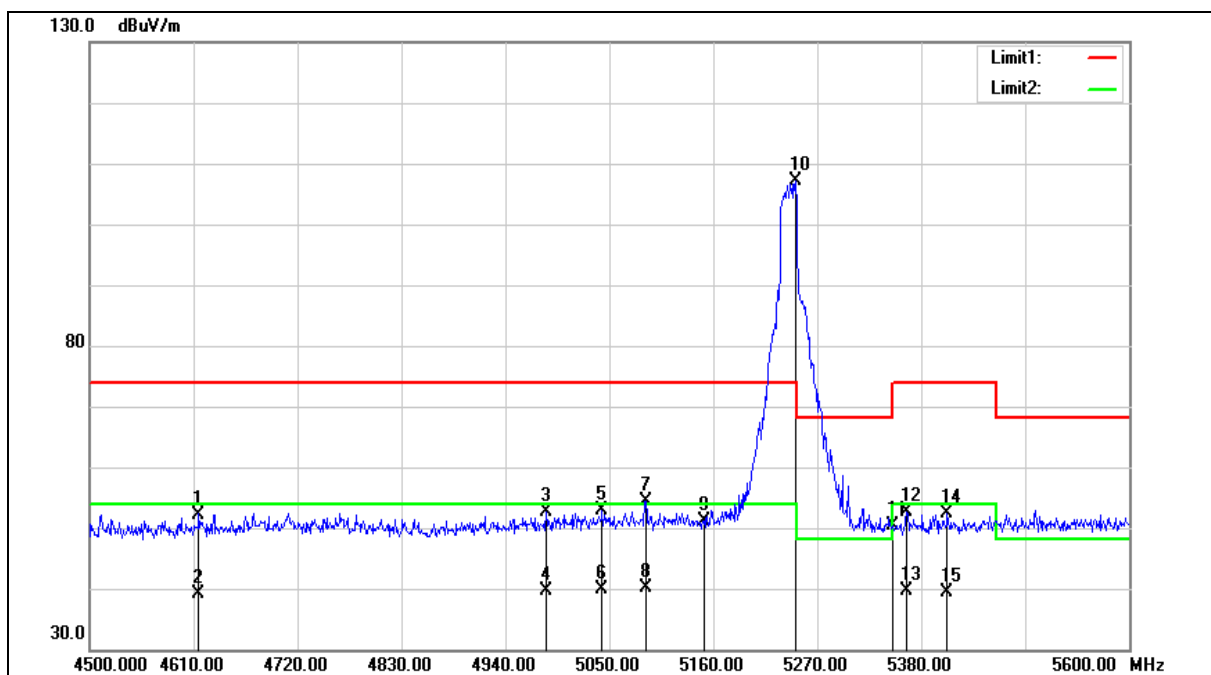
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4529.700	54.32	-2.07	52.25	74.00	-21.75	peak
2	4529.700	40.97	-2.07	38.90	54.00	-15.10	AVG
3	4690.300	54.12	-1.63	52.49	74.00	-21.51	peak
4	4690.300	41.28	-1.63	39.65	54.00	-14.35	AVG
5	4937.800	53.22	-0.94	52.28	74.00	-21.72	peak
6	4937.800	40.44	-0.94	39.50	54.00	-14.50	AVG
7	5077.500	54.01	-0.62	53.39	74.00	-20.61	peak
8	5077.500	42.56	-0.62	41.94	54.00	-12.06	AVG
9	5101.700	54.44	-0.57	53.87	74.00	-20.13	peak
10	5101.700	43.80	-0.57	43.23	54.00	-10.77	AVG
11	5128.100	55.23	-0.52	54.71	74.00	-19.29	peak
12	5128.100	46.41	-0.52	45.89	54.00	-8.11	AVG
13	5145.700	69.74	-0.48	69.26	74.00	-4.74	peak
14	5145.700	49.46	-0.48	48.98	54.00	-5.02	AVG
15	5150.000	65.40	-0.48	64.92	74.00	-9.08	peak
16	5150.000	52.43	-0.48	51.95	54.00	-2.05	AVG
17	5184.200	114.35	-0.40	113.95	--	--	peak
18	5350.000	51.07	-0.08	50.99	74.00	-23.01	peak
19	5418.500	53.00	0.05	53.05	74.00	-20.95	peak
20	5418.500	40.54	0.05	40.59	54.00	-13.41	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:	5240MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



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

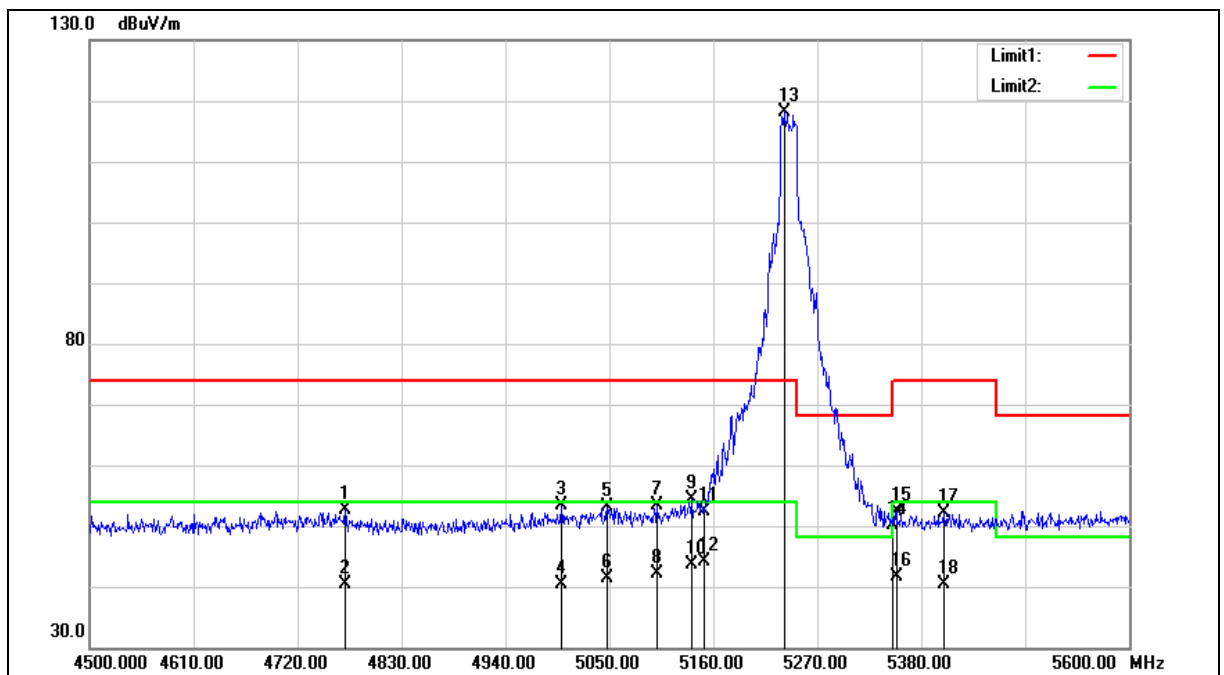
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4615.500	54.07	-1.82	52.25	74.00	-21.75	peak
2	4615.500	40.93	-1.82	39.11	54.00	-14.89	AVG
3	4982.900	53.53	-0.82	52.71	74.00	-21.29	peak
4	4982.900	40.42	-0.82	39.60	54.00	-14.40	AVG
5	5042.300	53.54	-0.69	52.85	74.00	-21.15	peak
6	5042.300	40.58	-0.69	39.89	54.00	-14.11	AVG
7	5088.500	55.03	-0.60	54.43	74.00	-19.57	peak
8	5088.500	40.70	-0.60	40.10	54.00	-13.90	AVG
9	5150.000	51.56	-0.48	51.08	74.00	-22.92	peak
10	5246.900	107.39	-0.28	107.11	--	--	peak
11	5350.000	50.54	-0.08	50.46	74.00	-23.54	peak
12	5364.600	52.62	-0.05	52.57	74.00	-21.43	peak
13	5364.600	39.58	-0.05	39.53	54.00	-14.47	AVG
14	5407.500	52.40	0.04	52.44	74.00	-21.56	peak
15	5407.500	39.44	0.04	39.48	54.00	-14.52	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:	5240MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



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

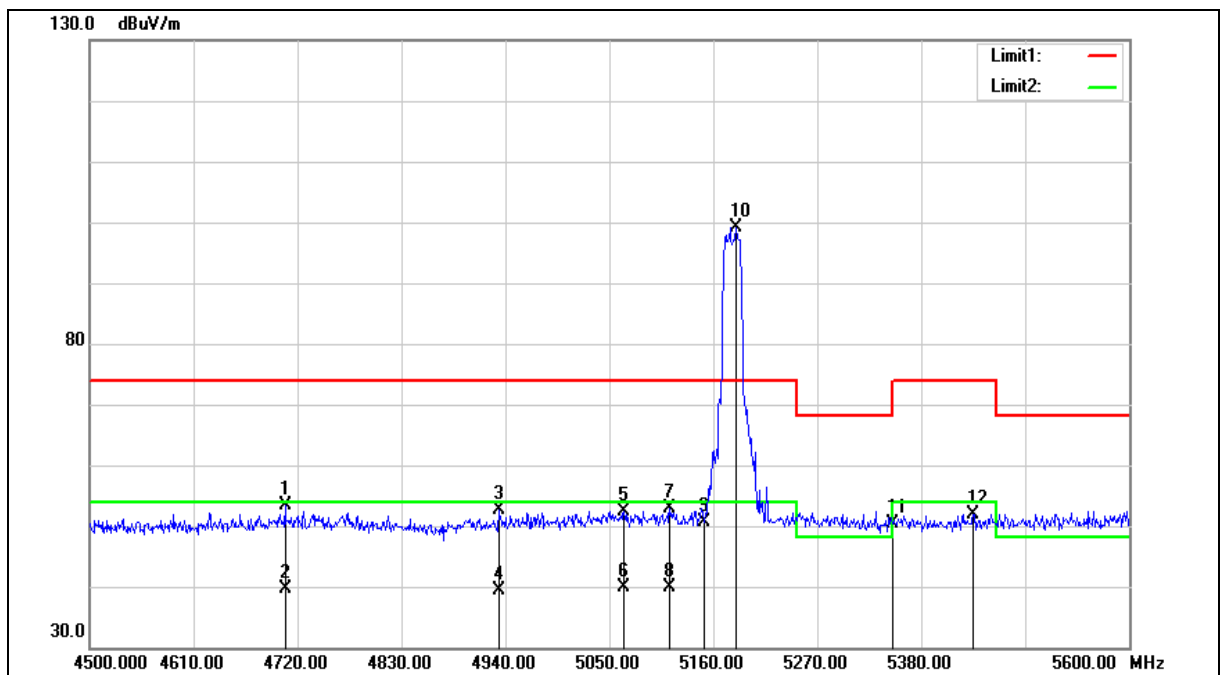
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4770.600	54.05	-1.40	52.65	74.00	-21.35	peak
2	4770.600	41.67	-1.40	40.27	54.00	-13.73	AVG
3	4999.400	54.07	-0.77	53.30	74.00	-20.70	peak
4	4999.400	41.24	-0.77	40.47	54.00	-13.53	AVG
5	5047.800	53.80	-0.68	53.12	74.00	-20.88	peak
6	5047.800	42.04	-0.68	41.36	54.00	-12.64	AVG
7	5100.600	53.95	-0.57	53.38	74.00	-20.62	peak
8	5100.600	42.75	-0.57	42.18	54.00	-11.82	AVG
9	5136.900	54.76	-0.50	54.26	74.00	-19.74	peak
10	5136.900	44.09	-0.50	43.59	54.00	-10.41	AVG
11	5150.000	52.78	-0.48	52.30	74.00	-21.70	peak
12	5150.000	44.73	-0.48	44.25	54.00	-9.75	AVG
13	5234.800	118.45	-0.31	118.14	--	--	peak
14	5350.000	50.25	-0.08	50.17	74.00	-23.83	peak
15	5353.600	52.51	-0.08	52.43	74.00	-21.57	peak
16	5353.600	41.66	-0.08	41.58	54.00	-12.42	AVG
17	5404.200	52.01	0.02	52.03	74.00	-21.97	peak
18	5404.200	40.33	0.02	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:	5180MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

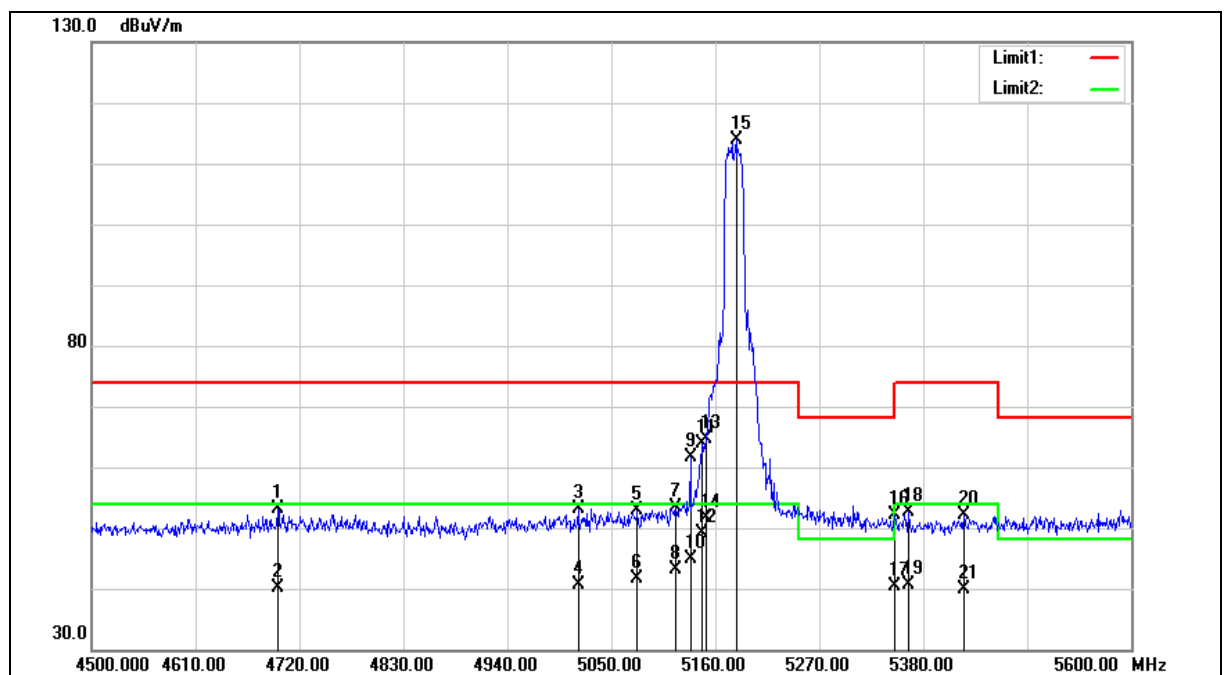
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4706.800	55.05	-1.58	53.47	74.00	-20.53	peak
2	4706.800	41.16	-1.58	39.58	54.00	-14.42	AVG
3	4933.400	53.48	-0.95	52.53	74.00	-21.47	peak
4	4933.400	40.32	-0.95	39.37	54.00	-14.63	AVG
5	5065.400	53.04	-0.64	52.40	74.00	-21.60	peak
6	5065.400	40.51	-0.64	39.87	54.00	-14.13	AVG
7	5113.800	53.31	-0.55	52.76	74.00	-21.24	peak
8	5113.800	40.44	-0.55	39.89	54.00	-14.11	AVG
9	5150.000	51.18	-0.48	50.70	74.00	-23.30	peak
10	5184.200	99.60	-0.40	99.20	--	--	peak
11	5350.000	50.46	-0.08	50.38	74.00	-23.62	peak
12	5435.000	51.76	0.09	51.85	74.00	-22.15	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

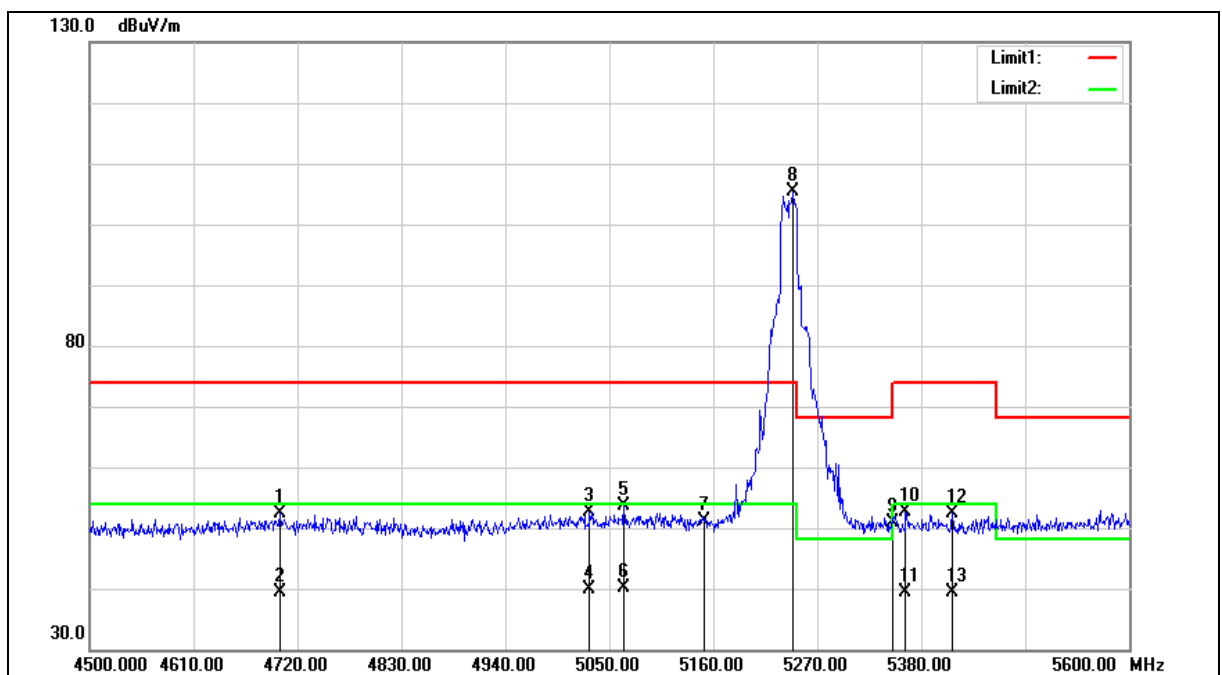
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4696.900	54.62	-1.61	53.01	74.00	-20.99	peak
2	4696.900	41.62	-1.61	40.01	54.00	-13.99	AVG
3	5014.800	53.90	-0.74	53.16	74.00	-20.84	peak
4	5014.800	41.33	-0.74	40.59	54.00	-13.41	AVG
5	5077.500	53.40	-0.62	52.78	74.00	-21.22	peak
6	5077.500	42.36	-0.62	41.74	54.00	-12.26	AVG
7	5118.200	53.87	-0.54	53.33	74.00	-20.67	peak
8	5118.200	43.77	-0.54	43.23	54.00	-10.77	AVG
9	5133.600	62.19	-0.51	61.68	74.00	-12.32	peak
10	5133.600	45.35	-0.51	44.84	54.00	-9.16	AVG
11	5145.700	64.45	-0.48	63.97	74.00	-10.03	peak
12	5145.700	49.73	-0.48	49.25	54.00	-4.75	AVG
13	5150.000	65.20	-0.48	64.72	74.00	-9.28	peak
14	5150.000	52.13	-0.48	51.65	54.00	-2.35	AVG
15	5182.000	114.18	-0.40	113.78	--	--	peak
16	5350.000	52.26	-0.08	52.18	74.00	-21.82	peak
17	5350.000	40.54	-0.08	40.46	54.00	-13.54	AVG
18	5364.600	52.78	-0.05	52.73	74.00	-21.27	peak
19	5364.600	40.70	-0.05	40.65	54.00	-13.35	AVG
20	5422.900	51.98	0.06	52.04	74.00	-21.96	peak
21	5422.900	39.91	0.06	39.97	54.00	-14.03	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

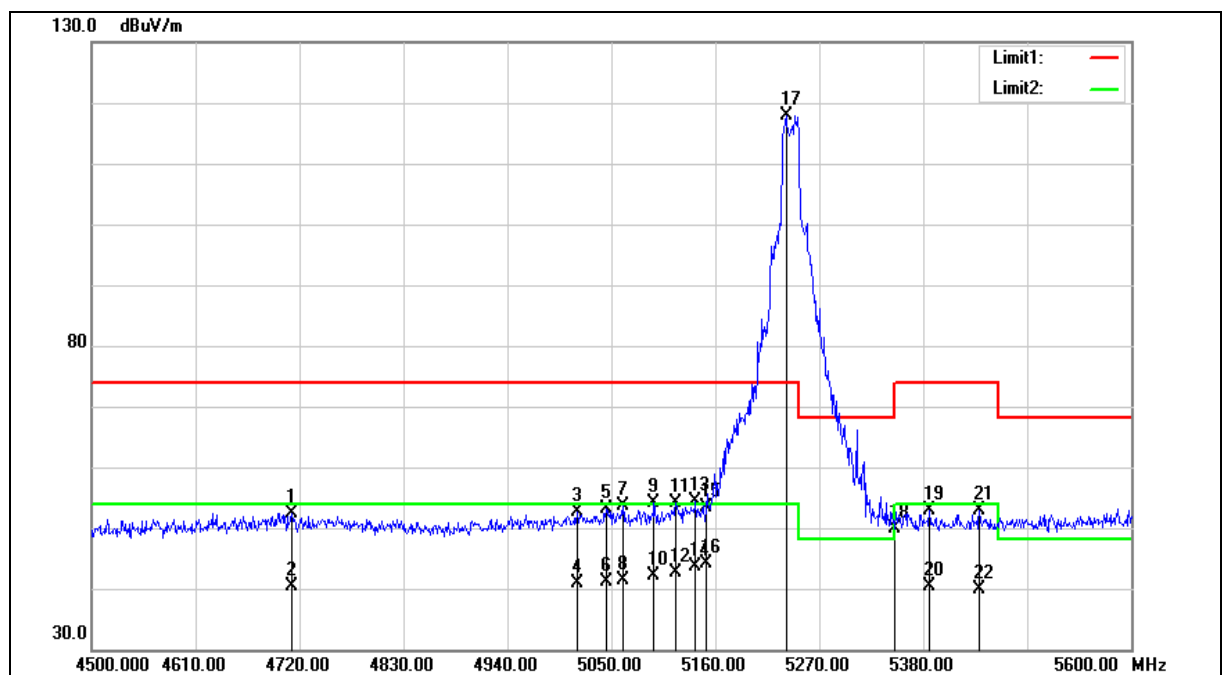
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4701.300	53.95	-1.59	52.36	74.00	-21.64	peak
2	4701.300	41.07	-1.59	39.48	54.00	-14.52	AVG
3	5029.100	53.31	-0.72	52.59	74.00	-21.41	peak
4	5029.100	40.53	-0.72	39.81	54.00	-14.19	AVG
5	5065.400	54.20	-0.64	53.56	74.00	-20.44	peak
6	5065.400	40.79	-0.64	40.15	54.00	-13.85	AVG
7	5150.000	51.52	-0.48	51.04	74.00	-22.96	peak
8	5244.700	105.76	-0.28	105.48	--	--	peak
9	5350.000	50.97	-0.08	50.89	74.00	-23.11	peak
10	5363.500	52.63	-0.06	52.57	74.00	-21.43	peak
11	5363.500	39.54	-0.06	39.48	54.00	-14.52	AVG
12	5413.000	52.25	0.04	52.29	74.00	-21.71	peak
13	5413.000	39.28	0.04	39.32	54.00	-14.68	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:	5240MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

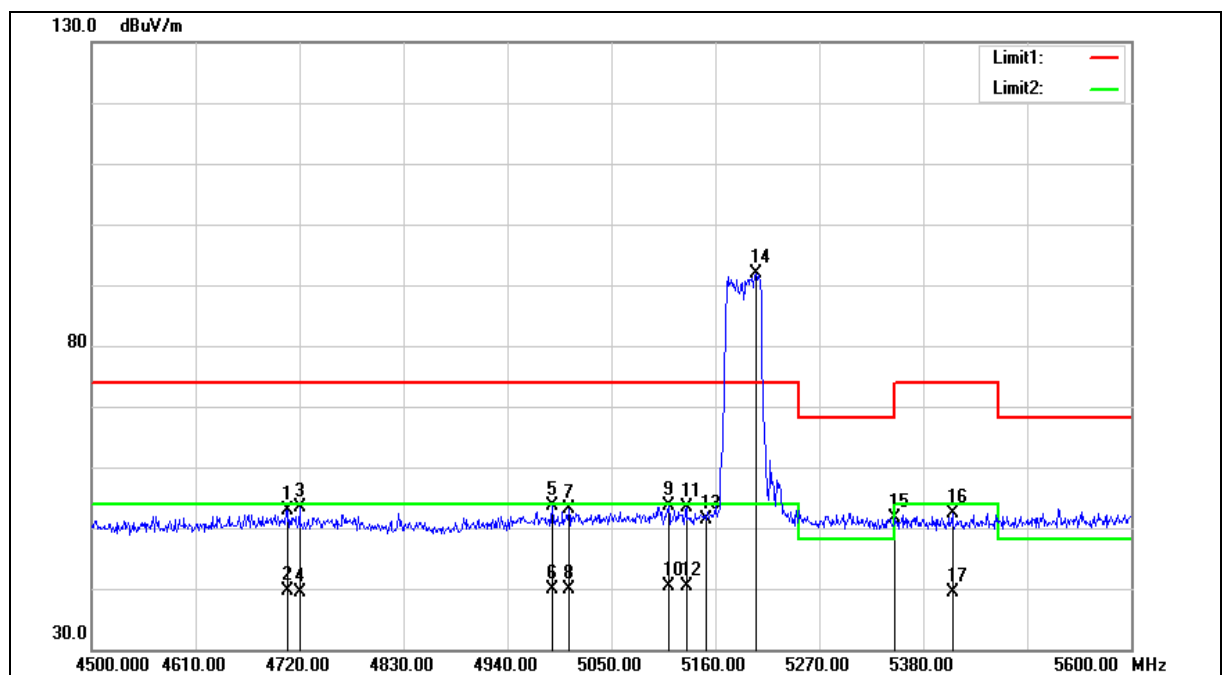
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4712.300	54.04	-1.57	52.47	74.00	-21.53	peak
2	4712.300	41.84	-1.57	40.27	54.00	-13.73	AVG
3	5013.700	53.27	-0.74	52.53	74.00	-21.47	peak
4	5013.700	41.52	-0.74	40.78	54.00	-13.22	AVG
5	5044.500	53.84	-0.68	53.16	74.00	-20.84	peak
6	5044.500	41.75	-0.68	41.07	54.00	-12.93	AVG
7	5062.100	54.17	-0.65	53.52	74.00	-20.48	peak
8	5062.100	42.15	-0.65	41.50	54.00	-12.50	AVG
9	5095.100	54.59	-0.57	54.02	74.00	-19.98	peak
10	5095.100	42.75	-0.57	42.18	54.00	-11.82	AVG
11	5118.200	54.58	-0.54	54.04	74.00	-19.96	peak
12	5118.200	43.26	-0.54	42.72	54.00	-11.28	AVG
13	5139.100	54.79	-0.49	54.30	74.00	-19.70	peak
14	5139.100	44.19	-0.49	43.70	54.00	-10.30	AVG
15	5150.000	53.94	-0.48	53.46	74.00	-20.54	peak
16	5150.000	44.73	-0.48	44.25	54.00	-9.75	AVG
17	5234.800	118.17	-0.31	117.86	--	--	peak
18	5350.000	49.94	-0.08	49.86	74.00	-24.14	peak
19	5386.600	52.93	0.00	52.93	74.00	-21.07	peak
20	5386.600	40.37	0.00	40.37	54.00	-13.63	AVG
21	5439.400	52.68	0.09	52.77	74.00	-21.23	peak
22	5439.400	39.71	0.09	39.80	54.00	-14.20	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:	5190MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

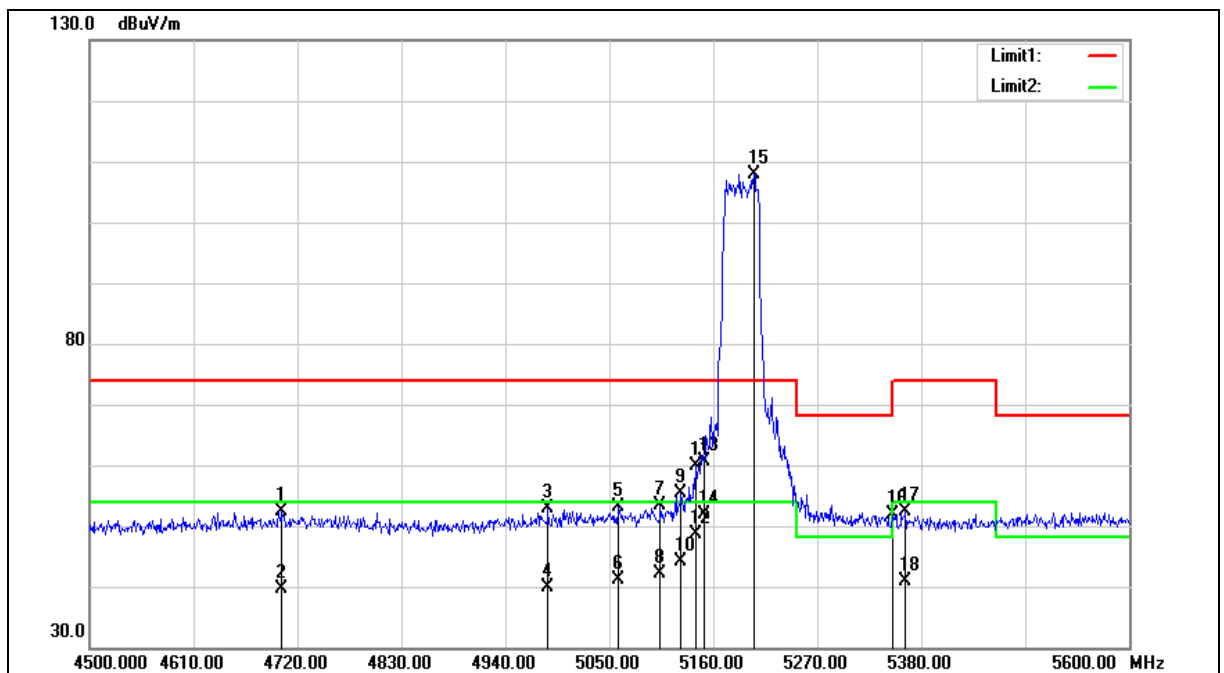
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4707.900	54.48	-1.58	52.90	74.00	-21.10	peak
2	4707.900	41.16	-1.58	39.58	54.00	-14.42	AVG
3	4720.000	54.89	-1.53	53.36	74.00	-20.64	peak
4	4720.000	40.96	-1.53	39.43	54.00	-14.57	AVG
5	4987.300	54.55	-0.81	53.74	74.00	-20.26	peak
6	4987.300	40.70	-0.81	39.89	54.00	-14.11	AVG
7	5004.900	53.89	-0.77	53.12	74.00	-20.88	peak
8	5004.900	40.74	-0.77	39.97	54.00	-14.03	AVG
9	5110.500	54.07	-0.55	53.52	74.00	-20.48	peak
10	5110.500	40.83	-0.55	40.28	54.00	-13.72	AVG
11	5129.200	53.94	-0.52	53.42	74.00	-20.58	peak
12	5129.200	41.01	-0.52	40.49	54.00	-13.51	AVG
13	5150.000	51.95	-0.48	51.47	74.00	-22.53	peak
14	5202.900	92.23	-0.37	91.86	--	--	peak
15	5350.000	51.63	-0.08	51.55	74.00	-22.45	peak
16	5410.800	52.33	0.04	52.37	74.00	-21.63	peak
17	5410.800	39.36	0.04	39.40	54.00	-14.60	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:	5190MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

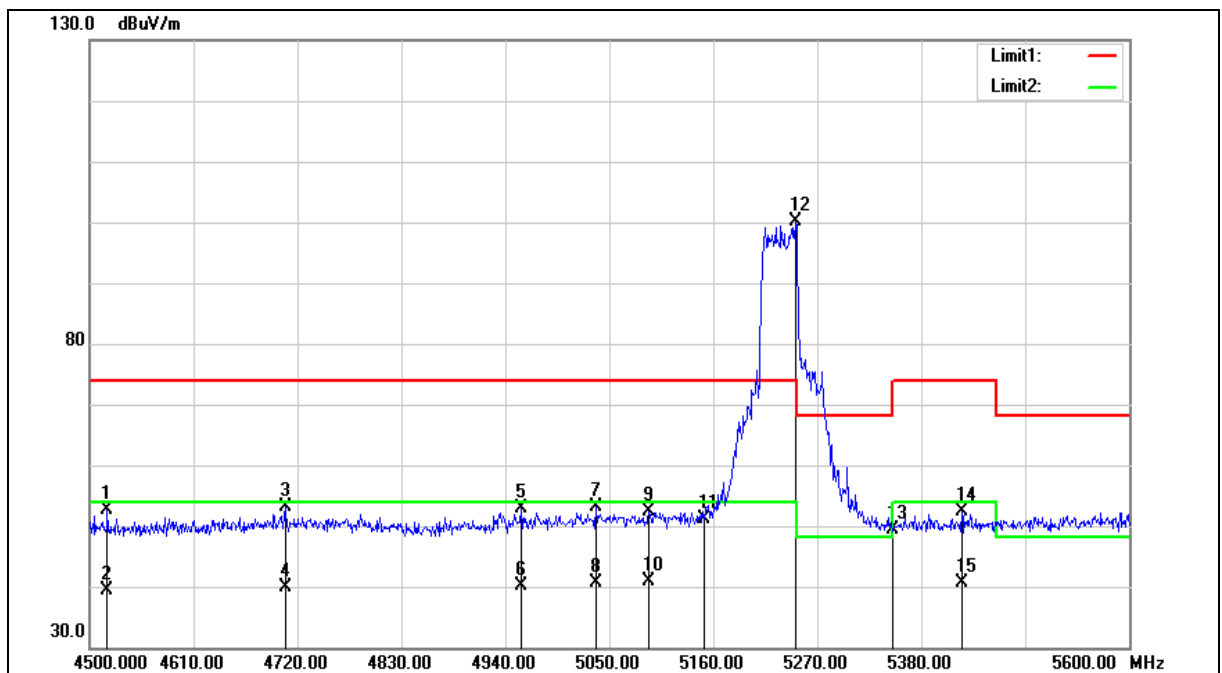
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4703.500	54.08	-1.58	52.50	74.00	-21.50	peak
2	4703.500	41.29	-1.58	39.71	54.00	-14.29	AVG
3	4985.100	53.78	-0.82	52.96	74.00	-21.04	peak
4	4985.100	40.68	-0.82	39.86	54.00	-14.14	AVG
5	5059.900	53.69	-0.65	53.04	74.00	-20.96	peak
6	5059.900	41.78	-0.65	41.13	54.00	-12.87	AVG
7	5103.900	53.94	-0.57	53.37	74.00	-20.63	peak
8	5103.900	42.67	-0.57	42.10	54.00	-11.90	AVG
9	5125.900	55.79	-0.52	55.27	74.00	-18.73	peak
10	5125.900	44.55	-0.52	44.03	54.00	-9.97	AVG
11	5141.300	60.25	-0.49	59.76	74.00	-14.24	peak
12	5141.300	49.12	-0.49	48.63	54.00	-5.37	AVG
13	5150.000	61.05	-0.48	60.57	74.00	-13.43	peak
14	5150.000	52.29	-0.48	51.81	54.00	-2.19	AVG
15	5202.900	108.30	-0.37	107.93	--	--	peak
16	5350.000	52.03	-0.08	51.95	74.00	-22.05	peak
17	5363.500	52.45	-0.06	52.39	74.00	-21.61	peak
18	5363.500	40.92	-0.06	40.86	54.00	-13.14	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

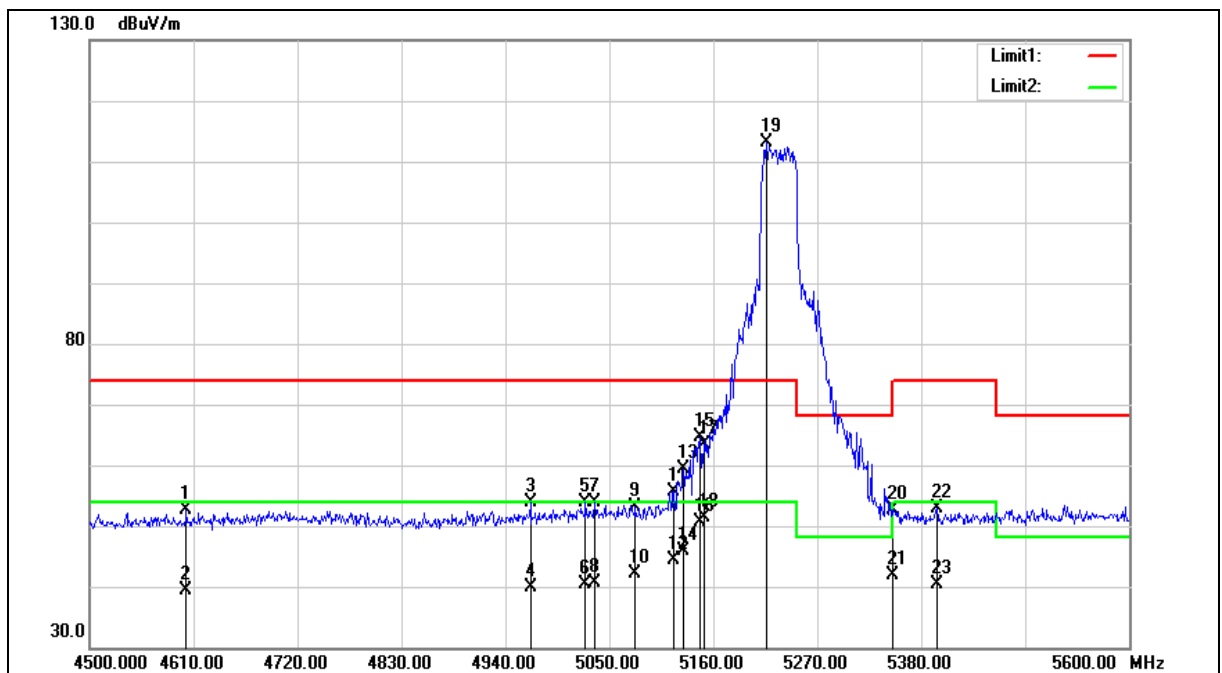
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4518.700	54.74	-2.10	52.64	74.00	-21.36	peak
2	4518.700	41.38	-2.10	39.28	54.00	-14.72	AVG
3	4706.800	54.65	-1.58	53.07	74.00	-20.93	peak
4	4706.800	41.43	-1.58	39.85	54.00	-14.15	AVG
5	4956.500	53.72	-0.89	52.83	74.00	-21.17	peak
6	4956.500	41.08	-0.89	40.19	54.00	-13.81	AVG
7	5035.700	53.90	-0.70	53.20	74.00	-20.80	peak
8	5035.700	41.23	-0.70	40.53	54.00	-13.47	AVG
9	5091.800	53.10	-0.60	52.50	74.00	-21.50	peak
10	5091.800	41.39	-0.60	40.79	54.00	-13.21	AVG
11	5150.000	51.52	-0.48	51.04	74.00	-22.96	peak
12	5246.900	100.29	-0.28	100.01	--	--	peak
13	5350.000	49.40	-0.08	49.32	74.00	-24.68	peak
14	5422.900	52.25	0.06	52.31	74.00	-21.69	peak
15	5422.900	40.46	0.06	40.52	54.00	-13.48	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230MHz		
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	4602.300	54.51	-1.87	52.64	74.00	-21.36	peak
2	4602.300	41.14	-1.87	39.27	54.00	-14.73	AVG
3	4966.400	54.82	-0.87	53.95	74.00	-20.05	peak
4	4966.400	40.77	-0.87	39.90	54.00	-14.10	AVG
5	5024.700	54.67	-0.72	53.95	74.00	-20.05	peak
6	5024.700	41.15	-0.72	40.43	54.00	-13.57	AVG
7	5034.600	54.66	-0.70	53.96	74.00	-20.04	peak
8	5034.600	41.38	-0.70	40.68	54.00	-13.32	AVG
9	5077.500	53.75	-0.62	53.13	74.00	-20.87	peak
10	5077.500	42.68	-0.62	42.06	54.00	-11.94	AVG
11	5118.200	56.26	-0.54	55.72	74.00	-18.28	peak
12	5118.200	44.84	-0.54	44.30	54.00	-9.70	AVG
13	5128.100	59.90	-0.52	59.38	74.00	-14.62	peak
14	5128.100	46.39	-0.52	45.87	54.00	-8.13	AVG
15	5145.700	65.03	-0.48	64.55	74.00	-9.45	peak
16	5145.700	51.04	-0.48	50.56	54.00	-3.44	AVG
17	5150.000	63.74	-0.48	63.26	74.00	-10.74	peak
18	5150.000	51.97	-0.48	51.49	54.00	-2.51	AVG
19	5216.100	113.52	-0.35	113.17	--	--	peak
20	5350.000	52.77	-0.08	52.69	74.00	-21.31	peak
21	5350.000	42.05	-0.08	41.97	54.00	-12.03	AVG
22	5396.500	52.80	0.01	52.81	74.00	-21.19	peak
23	5396.500	40.35	0.01	40.36	54.00	-13.64	AVG

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

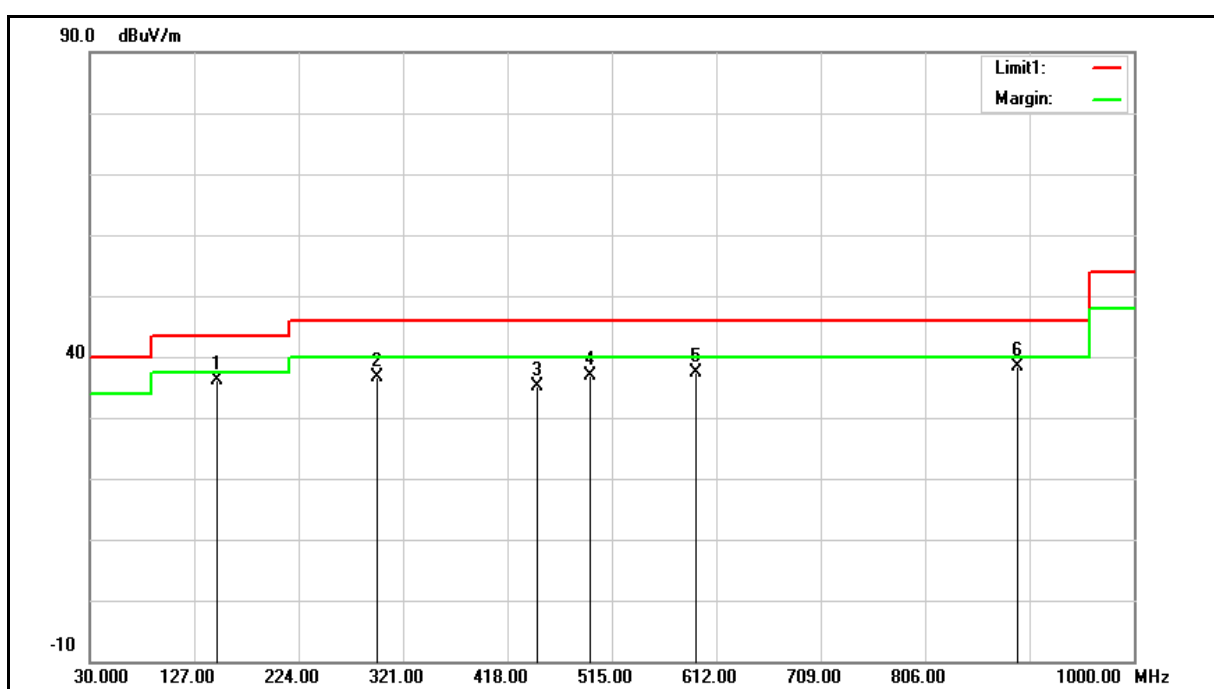
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

With HDMI

其它不必要之訊號 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	148.3400	60.66	-24.44	36.22	43.50	-7.28	QP
2	296.7500	60.27	-23.75	36.52	46.00	-9.48	QP
3	445.1600	55.36	-20.29	35.07	46.00	-10.93	QP
4	494.6300	56.67	-19.70	36.97	46.00	-9.03	QP
5	593.5700	54.77	-17.29	37.48	46.00	-8.52	QP
6	891.3600	51.66	-13.28	38.38	46.00	-7.62	QP

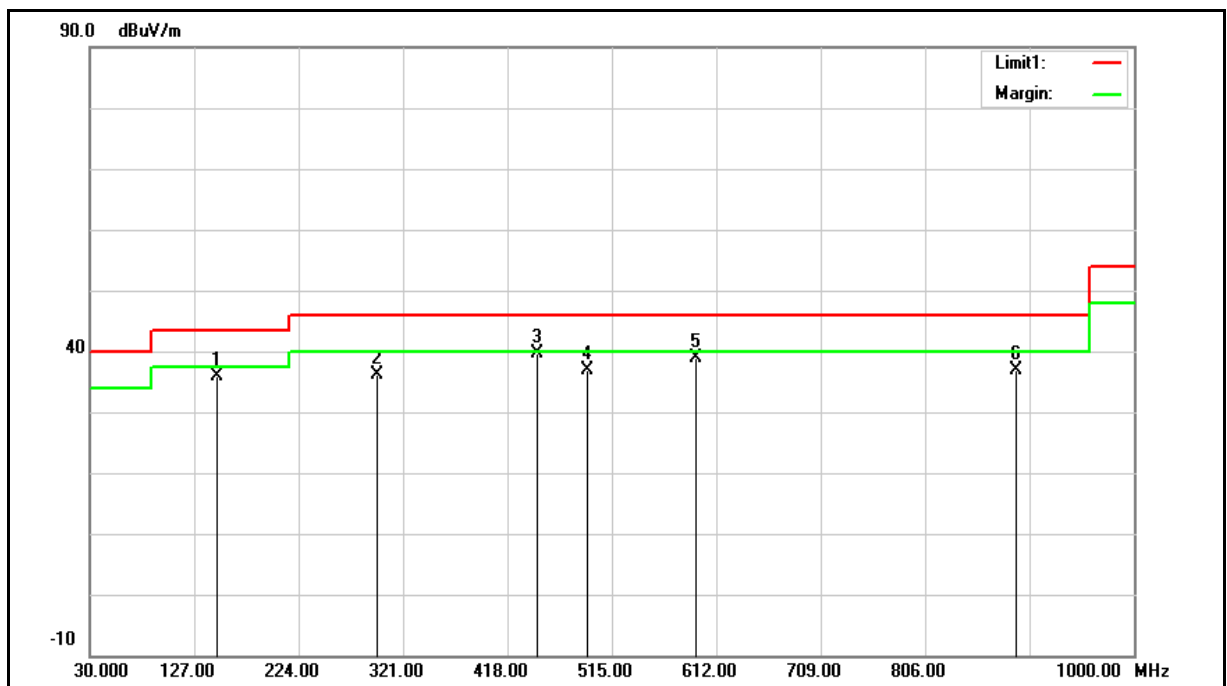
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $36.22 = -24.44 + 60.66$.

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	148.3400	60.34	-24.44	35.90	43.50	-7.60	QP
2	296.7500	59.87	-23.75	36.12	46.00	-9.88	QP
3	445.1600	59.86	-20.29	39.57	46.00	-6.43	QP
4	491.7200	56.63	-19.74	36.89	46.00	-9.11	QP
5	593.5700	56.06	-17.29	38.77	46.00	-7.23	QP
6	890.3900	50.29	-13.29	37.00	46.00	-9.00	QP

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

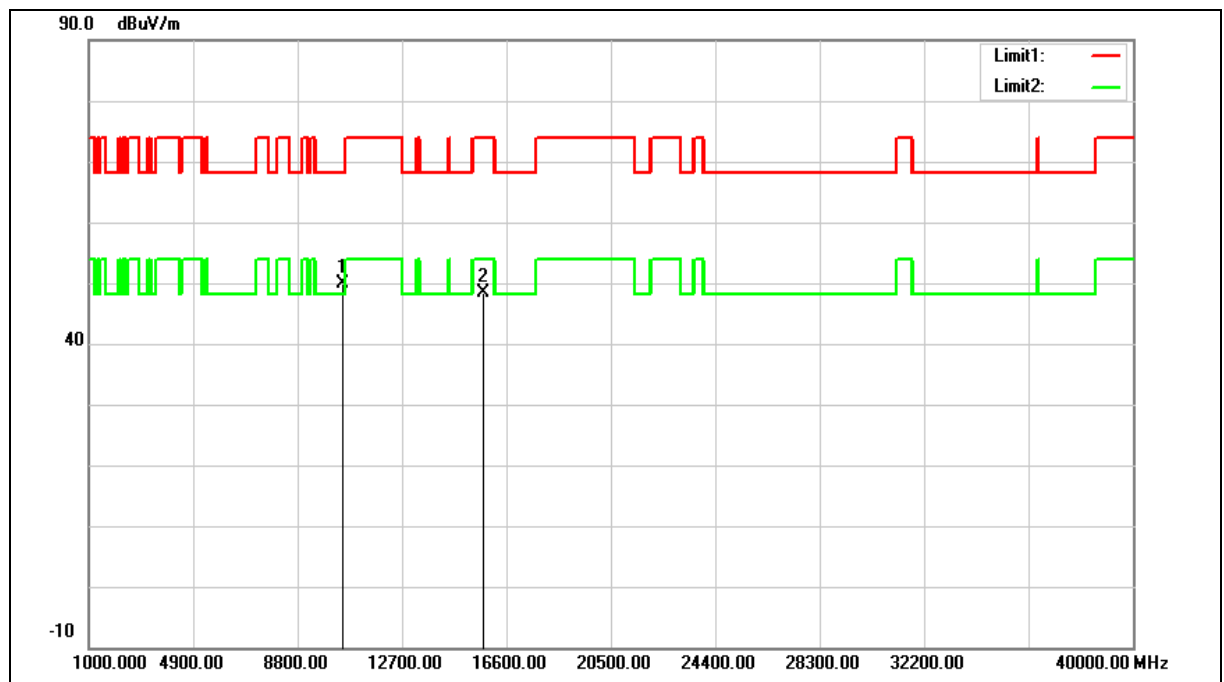
Example: 35.90 = -24.44 + 60.34.

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

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

場強輻射量側 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	37.76	12.00	49.76	68.20	-18.44	peak
2	15720.000	34.36	14.13	48.49	74.00	-25.51	peak

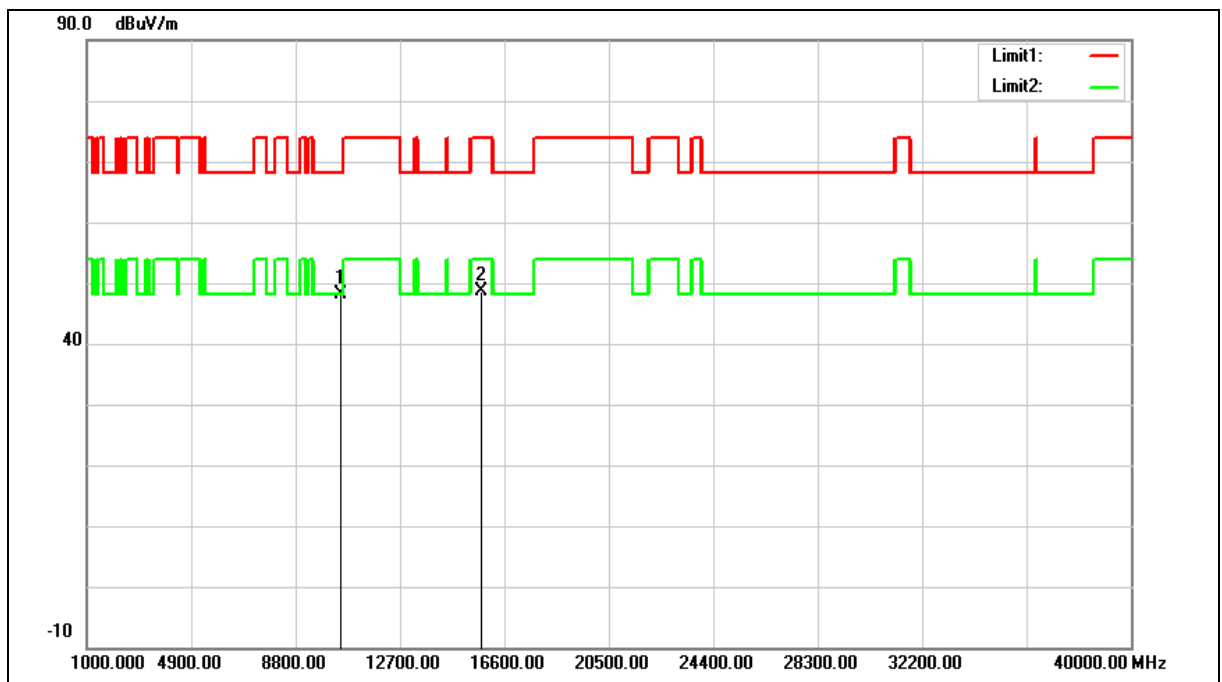
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 49.76 = 12.00 + 37.76.

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	36.02	12.00	48.02	68.20	-20.18	peak
2	15720.000	34.45	14.13	48.58	74.00	-25.42	peak

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

Example: 48.02 = 12.00 + 36.02.

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

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

Annex E. Conducted Test Results (5 GHz)

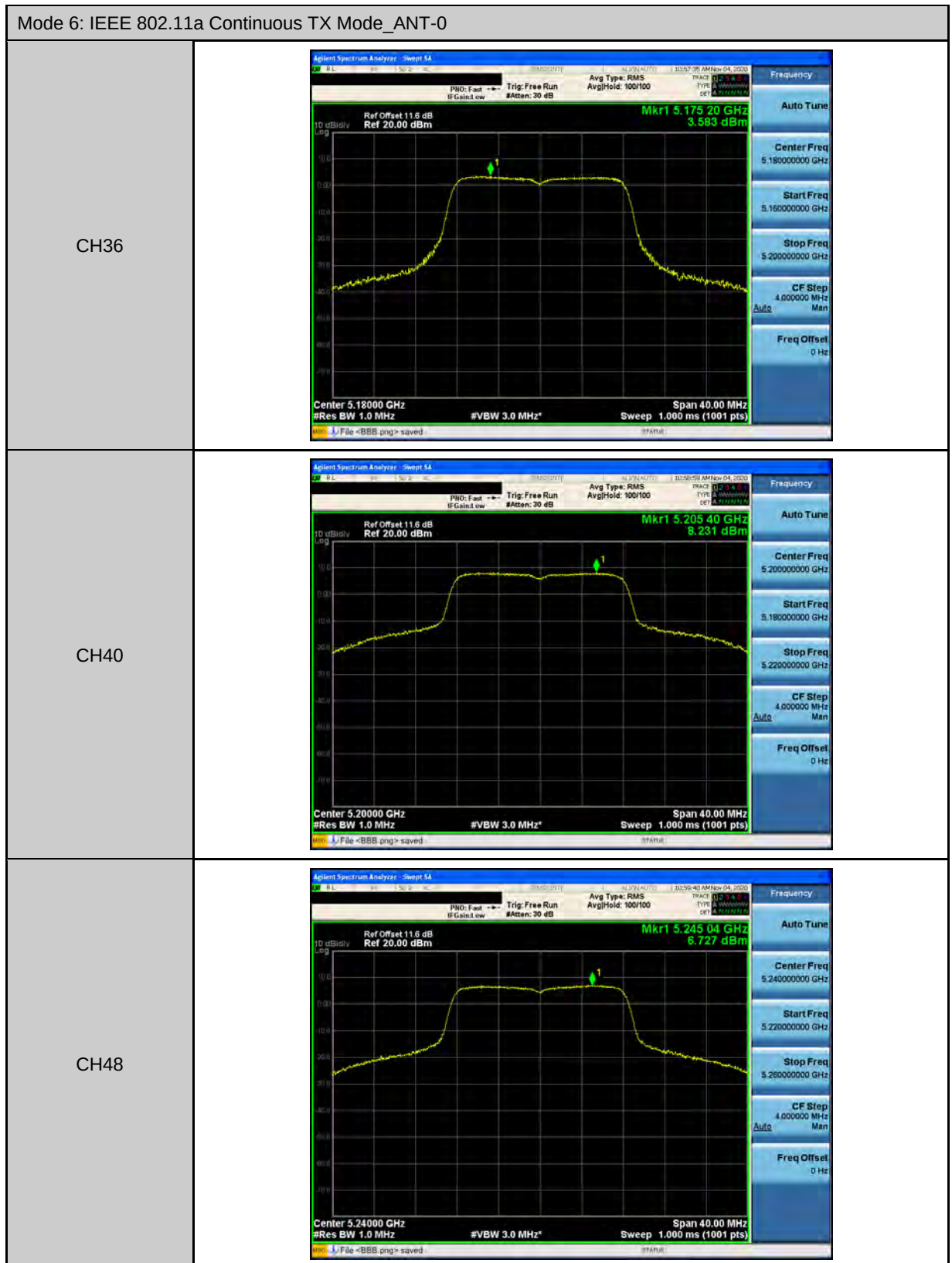
Maximum Conducted Output Power

操作模式	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)				
				ANT-0		ANT-1		Limit (dBm)
				dBm	W	dBm	W	
Mode 6	6	36	5180.0	15.16	0.033	14.75	0.030	≤ 21.82
		40	5200.0	19.87	0.097	19.43	0.088	≤ 21.82
		44	5220.0	19.85	0.097	19.45	0.088	≤ 21.82
		48	5240.0	13.57	0.023	13.16	0.021	≤ 21.82
Mode 7	7.2	36	5180.0	14.47	0.028	13.94	0.025	≤ 21.82
		40	5200.0	19.91	0.098	19.47	0.089	≤ 21.82
		44	5220.0	19.86	0.097	19.38	0.087	≤ 21.82
		48	5240.0	18.39	0.069	17.95	0.062	≤ 21.82
Mode 8	15	38	5190.0	10.99	0.013	10.50	0.011	≤ 21.82
		46	5230.0	16.99	0.050	16.57	0.045	≤ 21.82
Mode 9	7.2	36	5180.0	14.56	0.029	14.10	0.026	≤ 21.82
		40	5200.0	20.00	0.100	19.47	0.089	≤ 21.82
		44	5220.0	19.96	0.099	19.54	0.090	≤ 21.82
		48	5240.0	18.41	0.069	17.99	0.063	≤ 21.82
Mode 10	15	38	5190.0	11.08	0.013	10.58	0.011	≤ 21.82
		46	5230.0	17.06	0.051	16.56	0.045	≤ 21.82

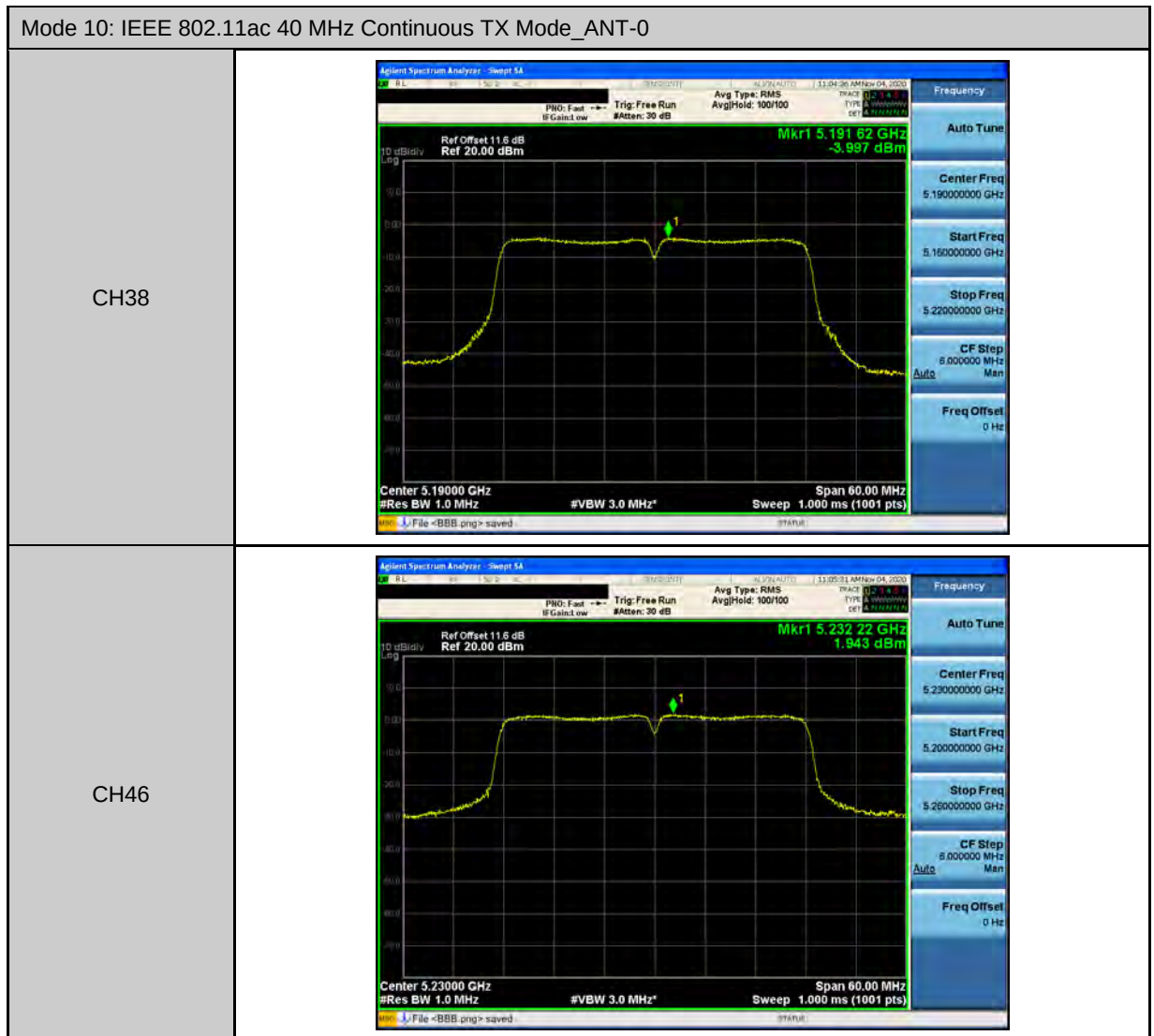
Maximum Power Spectral Density

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 6	36	5180.0	3.583	0.282	3.865	8.82
	40	5200.0	8.231	0.282	8.513	8.82
	48	5240.0	6.727	0.282	7.009	8.82
Mode 9	36	5180.0	2.186	0.121	2.307	8.82
	40	5200.0	7.817	0.121	7.938	8.82
	48	5240.0	6.305	0.121	6.426	8.82
Mode 10	38	5190.0	-3.997	0.487	-3.510	8.82
	46	5230.0	1.943	0.487	2.430	8.82

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

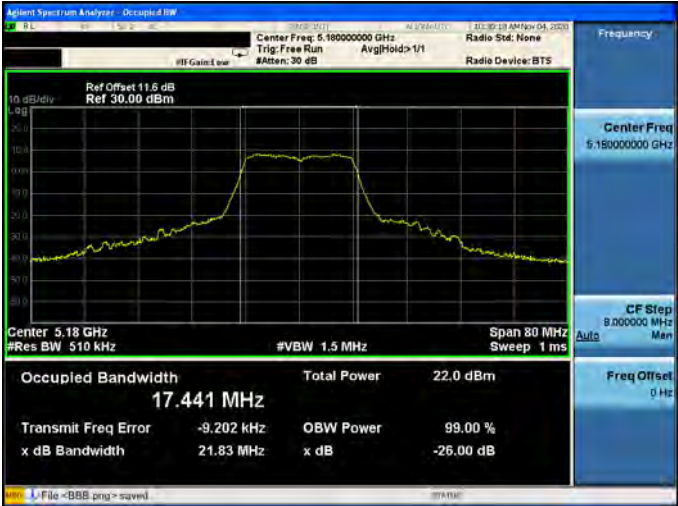


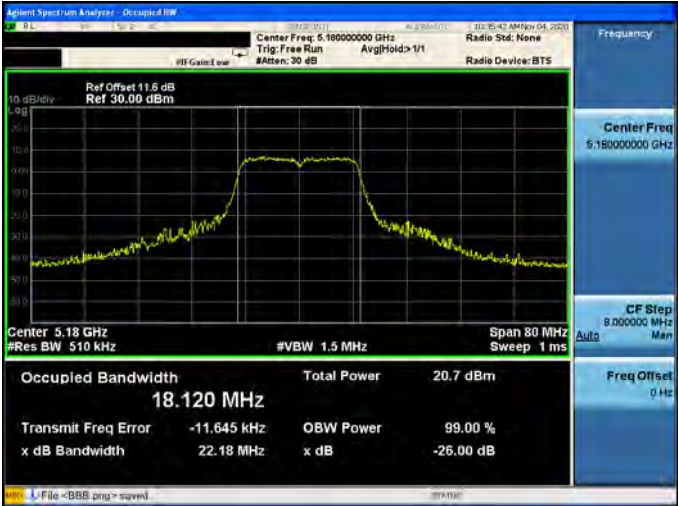


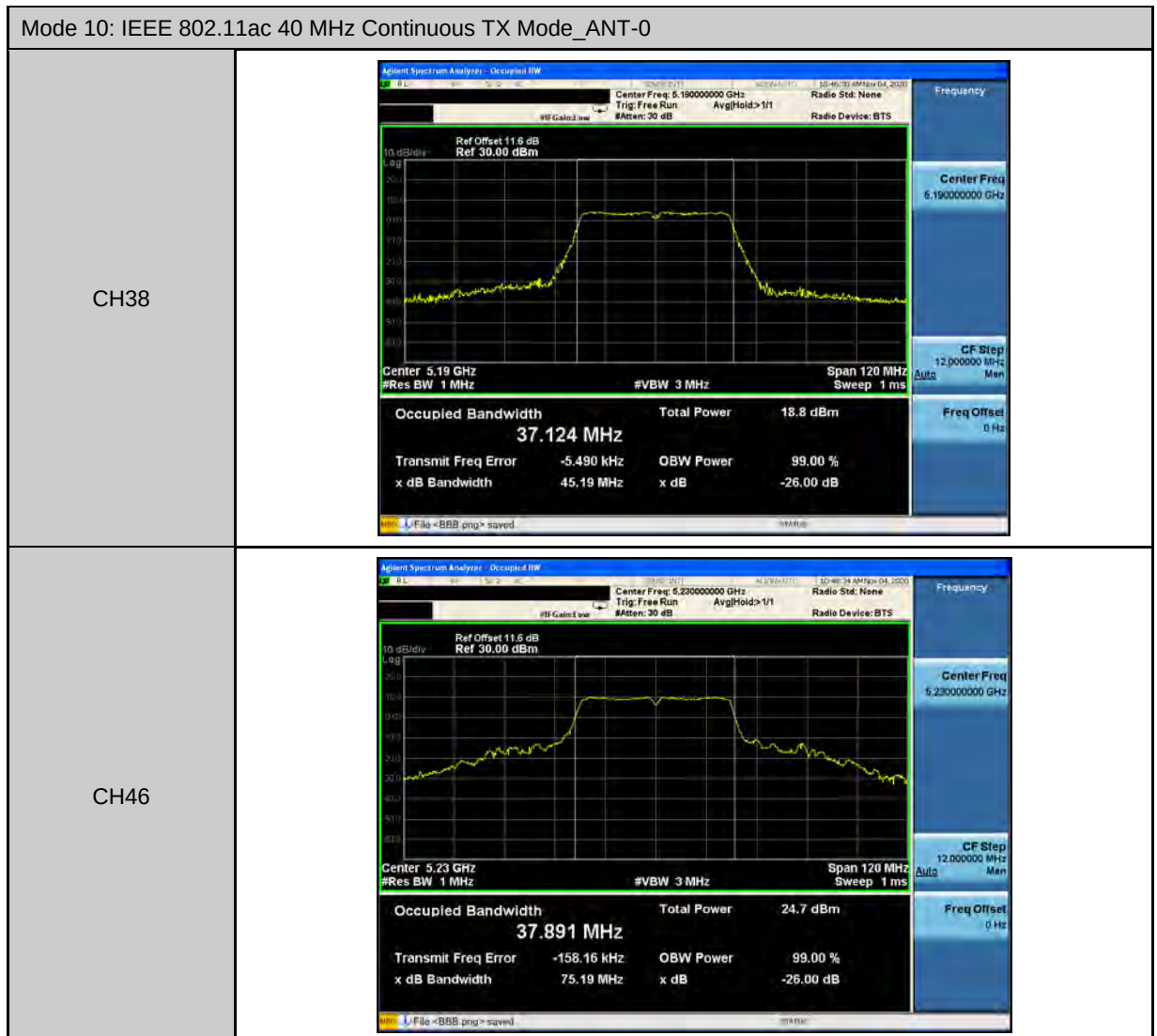


26 dB Bandwidth

操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)	99% Bandwidth (MHz)
			ANT-0	ANT-0
Mode 6	36	5180.0	21.830	17.441
	40	5200.0	41.180	25.127
	48	5240.0	41.080	19.395
Mode 9	36	5180.0	22.180	18.120
	40	5200.0	43.970	25.006
	48	5240.0	40.550	19.391
Mode 10	38	5190.0	45.190	37.124
	46	5230.0	75.190	37.891

Mode 6: IEEE 802.11a Continuous TX Mode_ANT-0	
CH36	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.18000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.441 MHz Total Power 22.0 dBm Transmit Freq Error -9.202 kHz OBW Power 99.00 % x dB Bandwidth 21.83 MHz x dB -26.00 dB Center Freq 5.18000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz
CH40	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.20000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 25.127 MHz Total Power 27.1 dBm Transmit Freq Error 61.133 kHz OBW Power 99.00 % x dB Bandwidth 41.18 MHz x dB -26.00 dB Center Freq 5.20000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz
CH48	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.24000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.395 MHz Total Power 25.5 dBm Transmit Freq Error -46.807 kHz OBW Power 99.00 % x dB Bandwidth 41.08 MHz x dB -26.00 dB Center Freq 5.24000000 GHz CF Step 8.000000 MHz Freq Offset 0 Hz

Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
CH36	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.18000000 GHz Trig: Free Run AvgHolds: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 30.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.120 MHz Total Power 20.7 dBm Transmit Freq Error -11.645 kHz OBW Power 99.00 % x dB Bandwidth 22.18 MHz x dB -26.00 dB File <BBS.png> saved
CH40	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.20000000 GHz Trig: Free Run AvgHolds: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 30.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 25.006 MHz Total Power 26.3 dBm Transmit Freq Error 114.40 kHz OBW Power 99.00 % x dB Bandwidth 43.97 MHz x dB -26.00 dB File <BBS.png> saved
CH48	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.24000000 GHz Trig: Free Run AvgHolds: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.6 dB Ref 30.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.391 MHz Total Power 25.2 dBm Transmit Freq Error 60.313 kHz OBW Power 99.00 % x dB Bandwidth 40.55 MHz x dB -26.00 dB File <BBS.png> saved



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	19.31	2.70	1.86	1	158.677	0.0316
WLAN 5 GHz	5150-5250	1	20	20.00	8.18	6.58	1	658	0.1309

---END---