



晶復科技股份有限公司

A Test Lab Techno Corp.

低功率射頻電機試驗報告

報告編號 2008DR17

版本(Rev.) 01

產品名稱 HUAWEI MateBook X Pro

申請廠商 訊歲技術有限公司

廠牌 HUAWEI

型式(號) MACHC-WAE9LP

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

報告發行日期 109 年 08 月 18 日

填發本型式認可報告之試驗機構 (認可代號)

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認證編號 : 1330

認證有效期間 : 108.09.06 ~ 111.09.05

認可能量範圍 : 低功率射頻電機技術規範(LP0002) (頻率範圍:9 kHz to 40 GHz)



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報告修訂紀錄

版本 (Rev.)	發行日期	修訂內容	修訂者
00	109 年 08 月 13 日	初版發行	鄭安蓁
01	109 年 08 月 18 日	第 1 頁更新認可能量範圍。 第 7 頁更新附屬裝置表。 第 11 頁更新輔助測試之週邊設備描述。 第 15 頁更新 Data Rate。 第 345、348 頁新 Data Rate。	江玉

低功率射頻電機測試證明書

產品名稱：HUAWEI MateBook X Pro

廠牌：HUAWEI

型號：MACHC-WAE9LP

申請廠商：訊歲技術有限公司

申請者地址：臺北市內湖區洲子街55、57號3樓

製造廠商：Huawei Device Co., Ltd.

製造廠商地址：No.2 of Xincheng Road, Songshan Lake Zone, Dongguan, Guangdong
523808, People's Republic of China

待測物電壓：INPUT：DC 20 V, 3.25 A
OUTPUT：PD DC 5 V, 2 A

試驗電壓：110 Vac, 60 Hz

量測規範：低功率射頻電機技術規範(LP0002) 107年1月10日

試驗實驗室：晶復科技股份有限公司(桃園市八德區長安街140-1號)

試驗受理日期：109 年 07 月 23 日

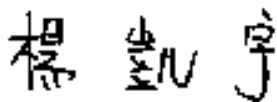
試驗日期：109 年 07 月 27 日 ~ 109 年 08 月 03 日

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電機技術規範(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	HUAWEI MateBook X Pro	
廠 牌	HUAWEI	
型 號	MACHC-WAE9LP	
額 定 電 源	INPUT : DC 20 V, 3.25 A OUTPUT : PD DC 5 V, 2 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 / 80 MHz / 160 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 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band II-A IEEE 802.11ac 20 MHz U-NII Band II-A	5260 – 5320
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band II-C IEEE 802.11ac 20 MHz U-NII Band II-C	5500 – 5720
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band III IEEE 802.11ac 20 MHz U-NII Band III	5720 – 5825
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I IEEE 802.11ac 40 MHz U-NII Band I	5190 – 5230
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-A IEEE 802.11ac 40 MHz U-NII Band II-A	5270 – 5310
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-C IEEE 802.11ac 40 MHz U-NII Band II-C	5510 – 5710
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III IEEE 802.11ac 40 MHz U-NII Band III	5710 – 5795
	IEEE 802.11ac 80 MHz U-NII Band I	5210
	IEEE 802.11ac 80 MHz U-NII Band II-A	5290
	IEEE 802.11ac 80 MHz U-NII Band II-C	5530
	IEEE 802.11ac 80 MHz U-NII Band III	5775
	IEEE 802.11ac 160 MHz U-NII Band I	5250
	IEEE 802.11ac 160 MHz U-NII Band II-A	5250

天 線 資 訊	Antenna	製造商	型號	型態	增益值(dBi)	
					2.4 GHz	5 GHz
	ANT-0 (MAIN)	惠州碩貝德無線科技股份有限公司	HQ20604253000	IFA Antenna	0.50	2.50
	ANT-1 (AUX)	惠州碩貝德無線科技股份有限公司	HQ20604252000	IFA Antenna	0.50	2.50
	G _{ANT}				0.50	2.50
	Directional Gain				3.51	5.51
RF 最大輸出功率	Mode			Power		
	IEEE 802.11b			17.40 dBm	0.055 W	
	IEEE 802.11g			17.53 dBm	0.057 W	
	IEEE 802.11n 2.4 GHz 20 MHz			17.50 dBm	0.056 W	
	IEEE 802.11n 2.4 GHz 40 MHz			16.99 dBm	0.050 W	
	IEEE 802.11a U-NII Band I			12.80 dBm	0.019 W	
	IEEE 802.11a U-NII Band II-A			12.57 dBm	0.018 W	
	IEEE 802.11a U-NII Band II-C			11.88 dBm	0.015 W	
	IEEE 802.11a U-NII Band III			12.11 dBm	0.016 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I			12.77 dBm	0.019 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band II-A			12.46 dBm	0.018 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band II-C			11.83 dBm	0.015 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band III			11.97 dBm	0.016 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I			12.76 dBm	0.019 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-A			12.34 dBm	0.017 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-C			11.98 dBm	0.016 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III			11.89 dBm	0.015 W	
	IEEE 802.11ac 20 MHz U-NII Band I			12.87 dBm	0.019 W	
	IEEE 802.11ac 20 MHz U-NII Band II-A			12.58 dBm	0.018 W	
	IEEE 802.11ac 20 MHz U-NII Band II-C			12.05 dBm	0.016 W	
	IEEE 802.11ac 20 MHz U-NII Band III			12.06 dBm	0.016 W	
	IEEE 802.11ac 40 MHz U-NII Band I			12.79 dBm	0.019 W	
	IEEE 802.11ac 40 MHz U-NII Band II-A			12.58 dBm	0.018 W	
	IEEE 802.11ac 40 MHz U-NII Band II-C			12.15 dBm	0.016 W	
	IEEE 802.11ac 40 MHz U-NII Band III			12.10 dBm	0.016 W	
	IEEE 802.11ac 80 MHz U-NII Band I			7.56 dBm	0.006 W	
	IEEE 802.11ac 80 MHz U-NII Band II-A			10.08 dBm	0.010 W	
	IEEE 802.11ac 80 MHz U-NII Band II-C			11.53 dBm	0.014 W	
	IEEE 802.11ac 80 MHz U-NII Band III			11.93 dBm	0.016 W	
	IEEE 802.11ac 160 MHz U-NII Band I			2.45 dBm	0.002 W	
	IEEE 802.11ac 160 MHz U-NII Band II-A			3.10 dBm	0.002 W	

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	USB Port	1	連接至外接式硬碟
2	Audio Port	1	連接至耳機麥克風
3	USB Type-C Port	2	連接至電源供應器/液晶螢幕

待測設備外圍說明：

電 源 線 類 別	本產品透過 USB Cable 供電，請參見下列附屬裝置表
附 屬 裝 置	請參見下列附屬裝置表

附屬裝置表：

裝置名稱	廠牌	型號	備註
內建固定式電池(1)	HUAWEI	HB4593R1ECW-22	7.64 VDC, 7330 mAh 製造商(1)：Shenzhen Sunwoda Intelligence Technology Co., Ltd.
內建固定式電池(2)	HUAWEI	HB4593R1ECW-22	7.64 VDC, 7330 mAh 製造商(2)：Dynapack Electronic Technology(SuZhou) Co., Ltd.
電源供應器	HUAWEI	HW-200325UP0	INPUT : 100-240 VAC, 50/60 Hz, 1.8 A OUTPUT : 5 VDC, 2 A OR 9 VDC, 2 A OR 12 VDC, 2 A OR 15 VDC, 3 A OR 20 VDC, 3.25 A
USB Cable	HUAWEI	04071375	Type-C → Type-C Shielded, 1.8 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: Jul. 28 ~ Aug. 03, 2020

測試者: 呂迪曄

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/18/2019	1 year
Power Sensor	Agilent	N1921A	MY45241957	12/07/2017	1 year
Power Meter	Agilent	N1911A	MY45101619	12/11/2019	1 year

For Conducted Emission

Test Period: Jul. 31, 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

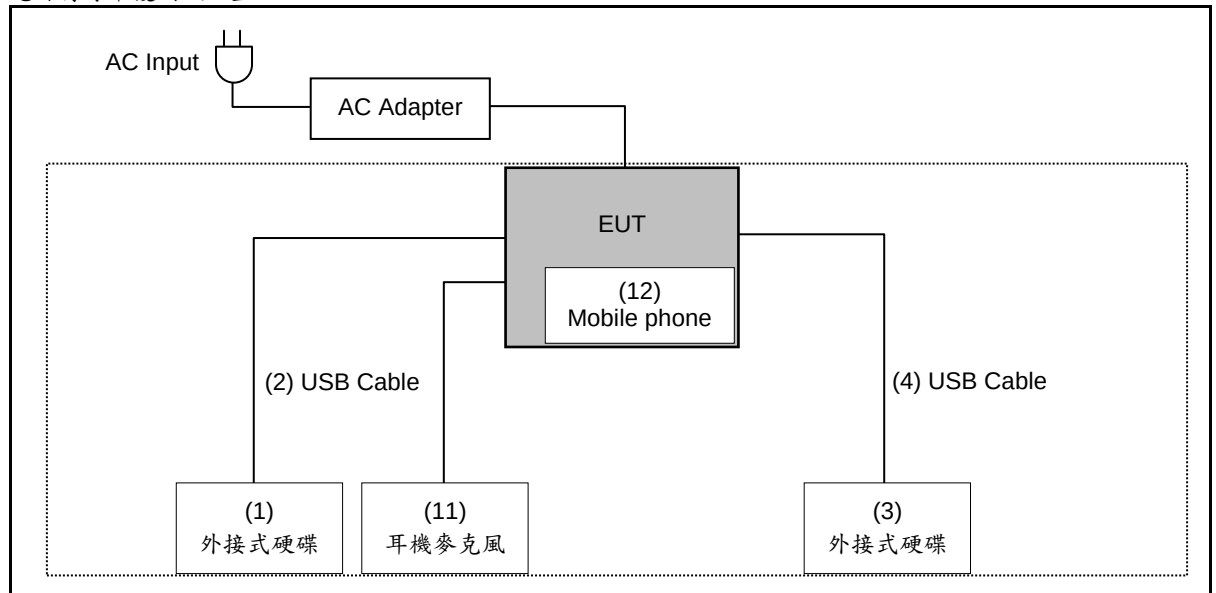
Test Period: Jul. 27 ~ Jul. 29, 2020

測試者: 劉彥聖, 廖經雄, 葉佳原

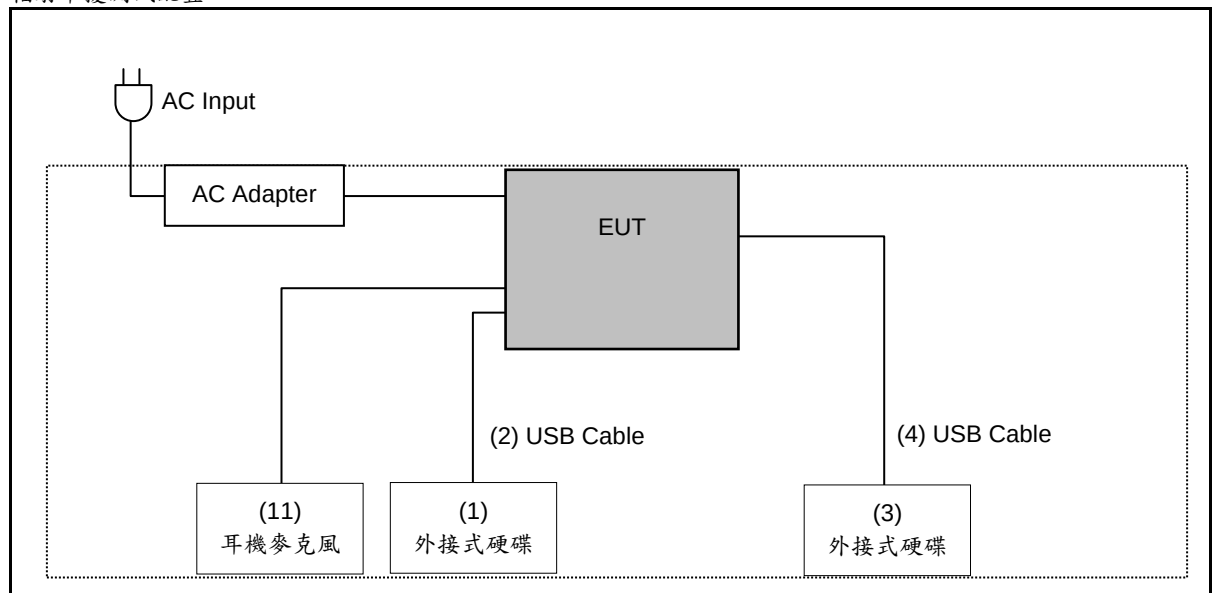
名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer	Keysight	N9010A	MY52221312	01/13/2020	1 year
Pre Amplifier (1~26.5 GHz)	EMCI	EMC012645SE	980289	01/15/2020	1 year
Amplifier	Agilent	8447D	2944A11119	01/15/2020	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB 9168	416	10/23/2019	1 year
天線(1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	08/22/2019	1 year
天線(18~40 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	08/14/2019	1 year

2.2 檢驗系統示意圖

電源傳導干擾測試配置

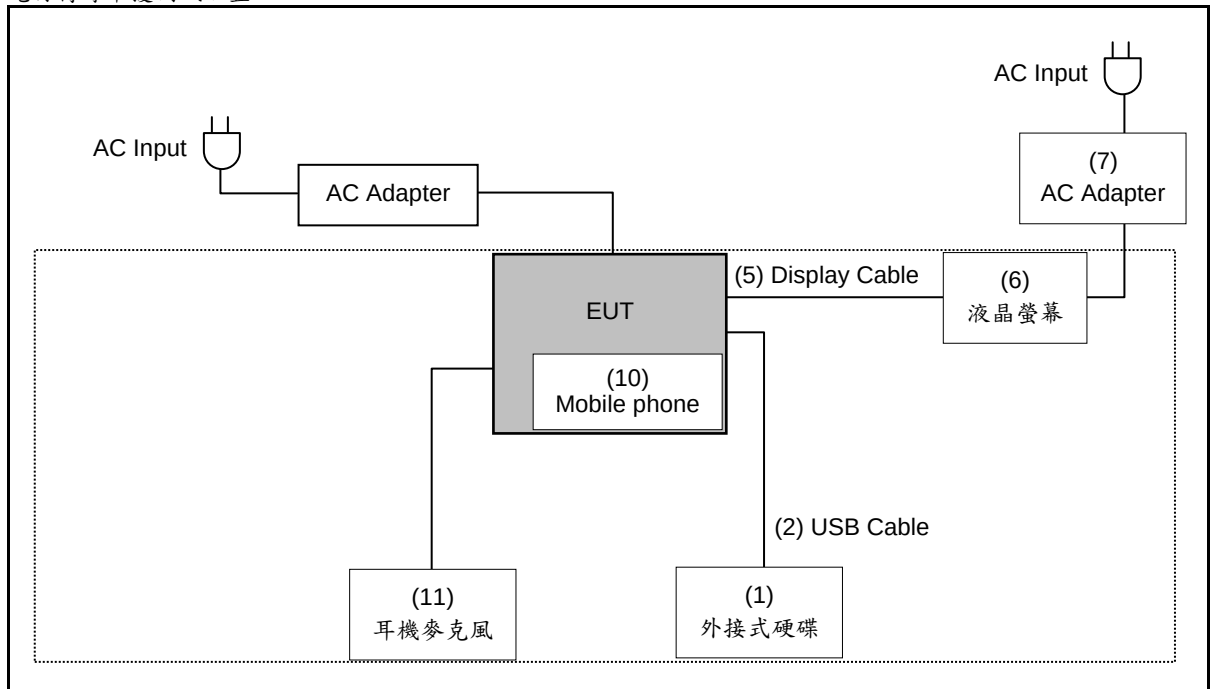


輻射干擾測試配置

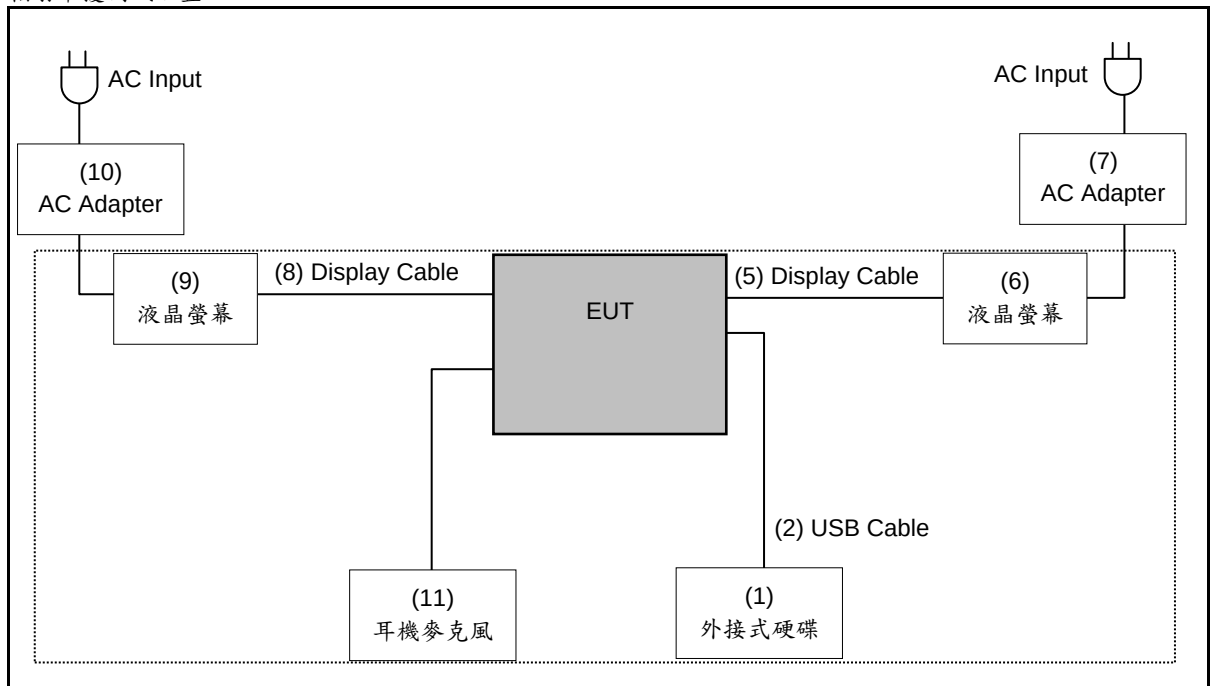


With Display

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)	外接式硬碟	Transend	TS1TSJ25A3K-RU	D72654-0611	---	(實驗室提供)
(2)	USB Cable	Transend	TS1TSJ25A3K-RU	D72654-0611	---	STD-A → USB 3.0 Micro-B 長度：1.25 m (實驗室提供)
(3)	外接式硬碟	Transend	TS1TSJ25A3K-RU	D72654-0614	---	(實驗室提供)
(4)	USB Cable	I-wiz	MicM(U3)	---	---	Type-C → USB 3.0 Micro-B 長度：1 m (實驗室提供)
(5)	Display Cable	J5crate	JCA141	---	---	Type-C → DP 長度：1.1 m (實驗室提供)
(6)	液晶螢幕	ASUS	MX27UQ	J3LMRS000019	---	(實驗室提供)
(7)	AC Adapter	ASUS	ADP-55GD B	---	---	INPUT : 100-240 VAC, 50/60 Hz, 1.5 A OUTPUT : DC 19 V, 3.42 A (實驗室提供)
(8)	Display Cable	J5crate	JCA141	---	---	Type-C → DP 長度：1.1 m (實驗室提供)
(9)	液晶螢幕	ASUS	MX27UQ	J3LMRS000068	---	(實驗室提供)
(10)	AC Adapter	ASUS	ADP-55GD B	---	---	INPUT : 100-240 VAC, 50/60 Hz, 1.5 A OUTPUT : DC 19 V, 3.42 A (實驗室提供)
(11)	耳機麥克風	HUAWEI	22040296	---	---	(實驗室提供)
(12)	Mobile phone	HUAWEI	ELE-L29	XPH011BC12000378		無線功能：GSM/Bluetooth/WLAN/NFC (申請人提供)

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

2.4 測試軟體版本

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

2.5 測試模式

使用定頻模式量測

Pre-Test Mode
Mode 1: 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: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 12: IEEE 802.11ac 160 MHz Continuous TX Mode
Mode 13: 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: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 12: IEEE 802.11ac 160 MHz Continuous TX Mode
Mode 13: Receiver Mode

Note 1: 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.

測試搭配組合：

EUT Configure Mode	CE	RE<1 GHz	RE $\geq$ 1 GHz	備註
內建固定式電池(1)	V	V	V	
內建固定式電池(2)				
電源供應器	V	V	V	
USB Cable	V	V	V	
外接式硬碟	V	V	V	測試週邊(1)
USB Cable	V	V	V	測試週邊(2)
外接式硬碟	V	V	V	測試週邊(3)
USB Cable	V	V	V	測試週邊(4)
Display Cable				測試週邊(5)
液晶螢幕				測試週邊(6)
AC Adapter				測試週邊(7)
Display Cable				測試週邊(8)
液晶螢幕				測試週邊(9)
AC Adapter				測試週邊(10)
耳機麥克風	V	V	V	
Mobile phone	V			

RE $\geq$ 1 GHz：Radiated Emission above 1 GHz & Bandedge Measurement

RE<1 GHz：Radiated Emission below 1 GHz

CE：Conducted Emission

V：Final mode

X：Non support

With Display				
EUT Configure Mode	CE	RE<1 GHz	RE $\geq$ 1 GHz	備註
內建固定式電池(1)	V	V	V	
內建固定式電池(2)				
電源供應器	V			
USB Cable	V			
外接式硬碟	V	V	V	測試週邊(1)
USB Cable	V	V	V	測試週邊(2)
外接式硬碟				測試週邊(3)
USB Cable				測試週邊(4)
Display Cable	V	V	V	測試週邊(5)
液晶螢幕	V	V	V	測試週邊(6)
AC Adapter	V	V	V	測試週邊(7)
Display Cable		V	V	測試週邊(8)
液晶螢幕		V	V	測試週邊(9)
AC Adapter		V	V	測試週邊(10)
耳機麥克風	V	V	V	
Mobile phone	V			

RE $\geq$ 1 GHz : Radiated Emission above 1 GHz & Bandedge Measurement

RE<1 GHz : Radiated Emission below 1 GHz

CE : Conducted Emission

V : Final mode

X : Non support

Test Mode	ANT-0	ANT-1	ANT-0+1
Mode 2	V	V	V
Mode 3	V	V	V
Mode 4	V	V	V
Mode 5	V	V	V
Mode 6	V	V	V
Mode 7	V	V	V
Mode 8	V	V	V
Mode 9	V	V	V
Mode 10	V	V	V
Mode 11	V	V	V
Mode 12	V	V	V

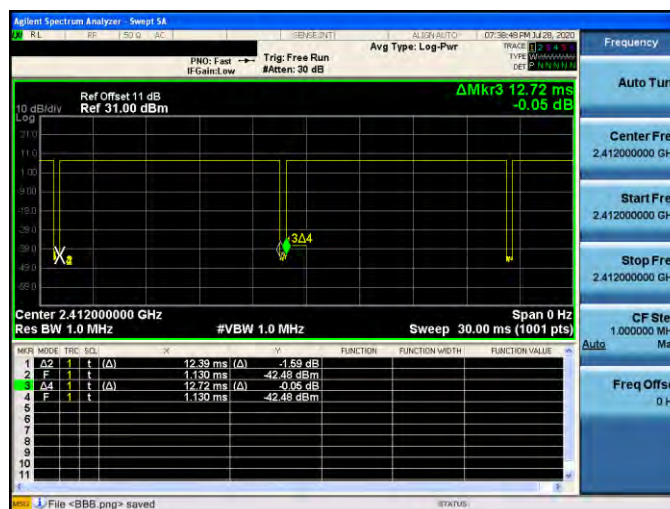
Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 2	2TX / 2RX (CDD)	1	1, 6, 11
Mode 3	2TX / 2RX (CDD)	6	1, 6, 11
Mode 4	2TX / 2RX (MIMO)	13	1, 6, 11
Mode 5	2TX / 2RX (MIMO)	27	3, 6, 9
Mode 6	2TX / 2RX (CDD)	6	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 7	2TX / 2RX (MIMO)	14.4	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 8	2TX / 2RX (MIMO)	30	38, 46, 54, 62, 102, 110, 134, 151, 159
Mode 9	2TX / 2RX (MIMO)	MCS0	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 10	2TX / 2RX (MIMO)	MCS0	38, 46, 54, 62, 102, 110, 134, 151, 159
Mode 11	2TX / 2RX (MIMO)	MCS0	42, 58, 106, 155
Mode 12	2TX / 2RX (MIMO)	MCS0	50, 50

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	12.390	12.720	0.974	0.114	0.081
Mode 3	2412.0	2.080	2.430	0.856	0.675	0.481
Mode 4	2412.0	0.984	1.155	0.852	0.696	1.016
Mode 5	2422.0	0.500	0.586	0.853	0.689	2.000
Mode 6	5180.0	2.080	2.410	0.863	0.640	0.481
Mode 9	5180.0	1.000	1.170	0.855	0.682	1.000
Mode 10	5190.0	0.507	0.585	0.867	0.621	1.972
Mode 11	5210.0	0.262	0.304	0.862	0.646	3.817
Mode 12	5250.0	0.157	0.195	0.805	0.941	6.369

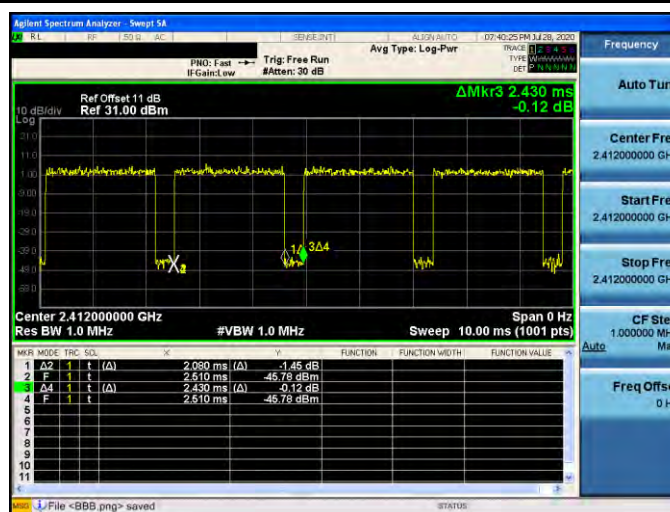
Mode 2: IEEE 802.11b Continuous TX Mode

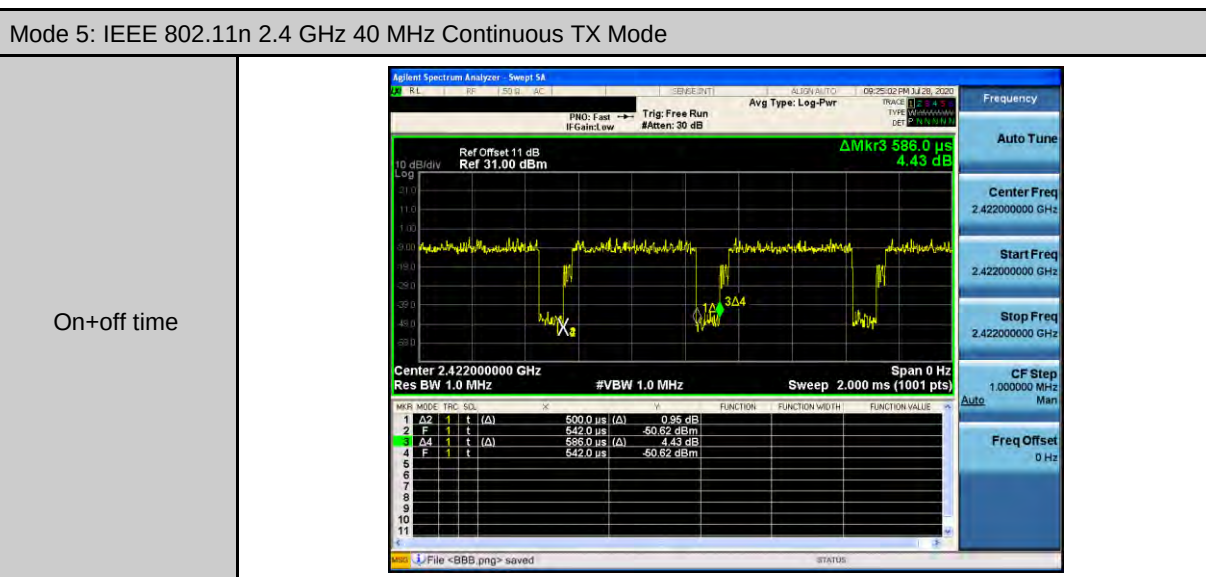
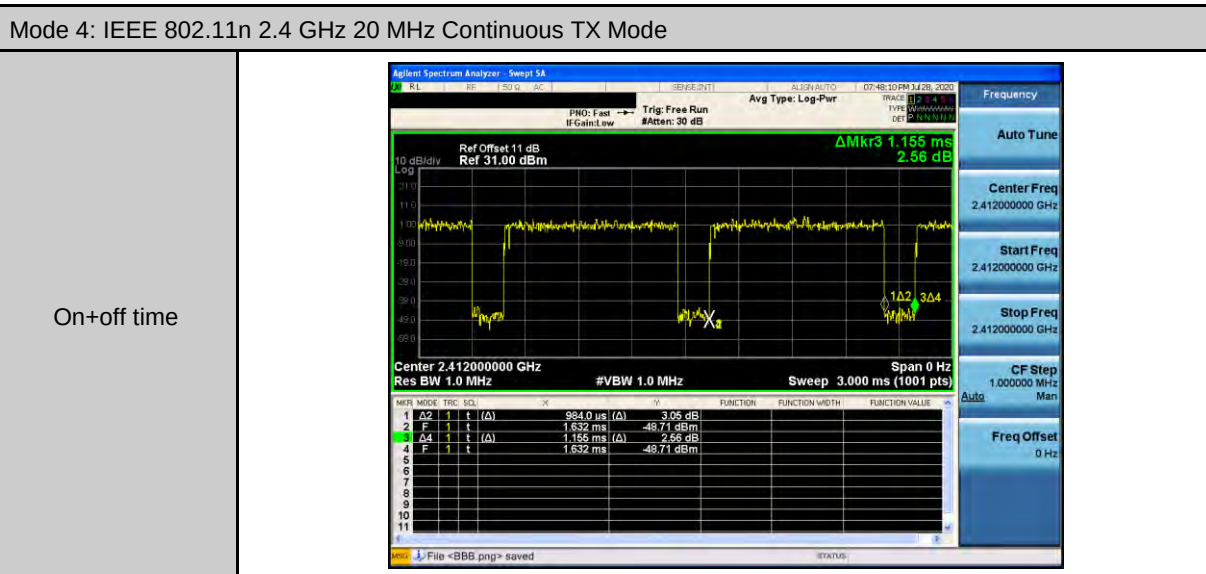
On+off time

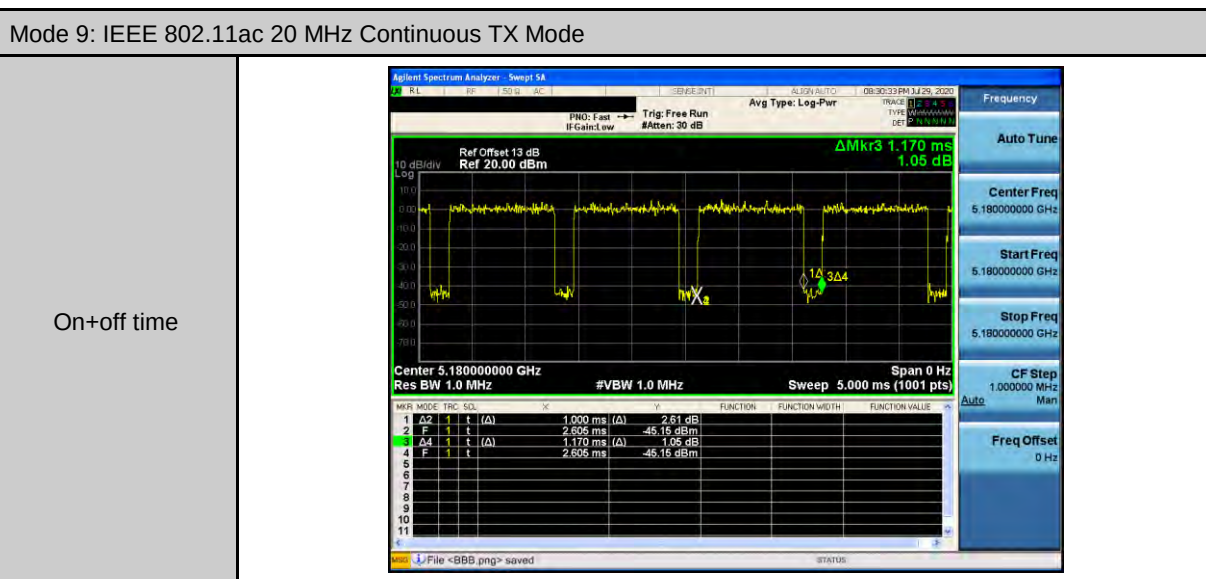
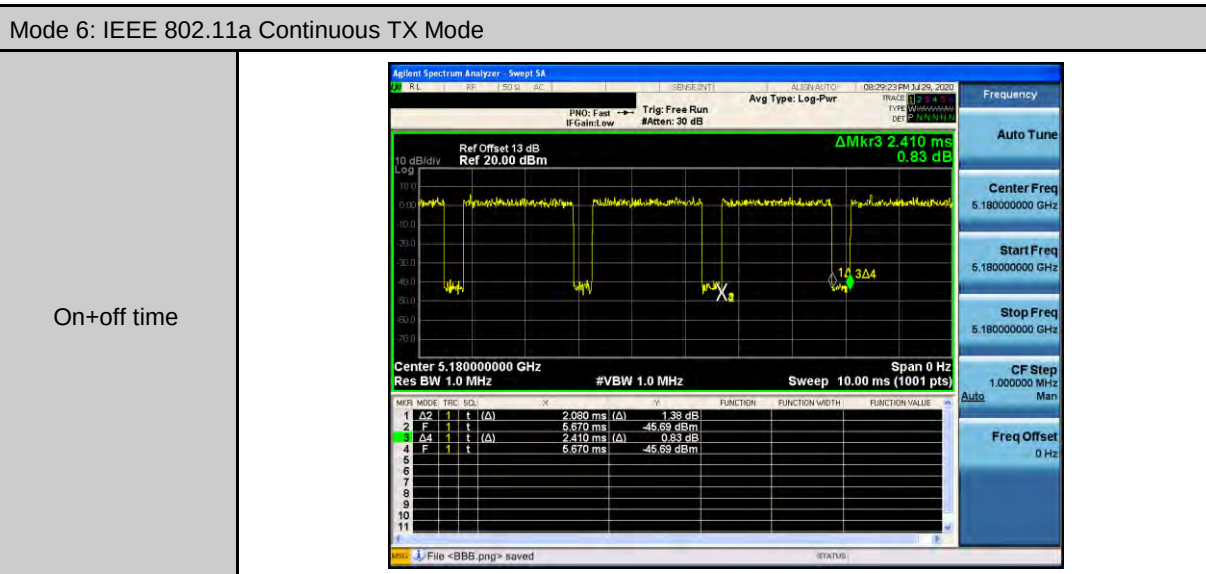


Mode 3: IEEE 802.11g Continuous TX Mode

On+off time

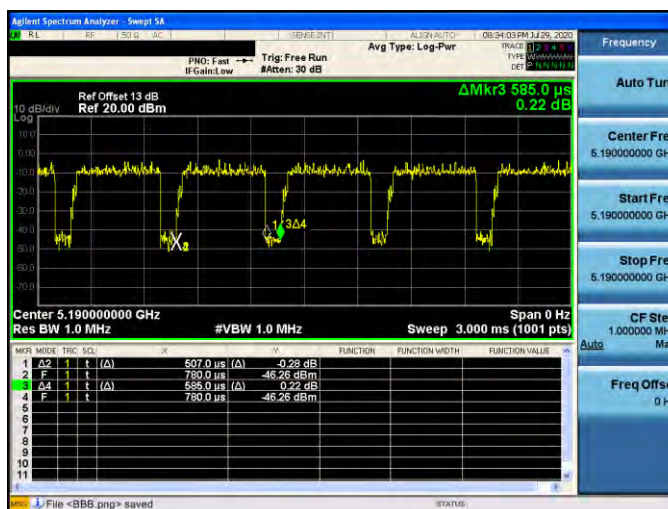






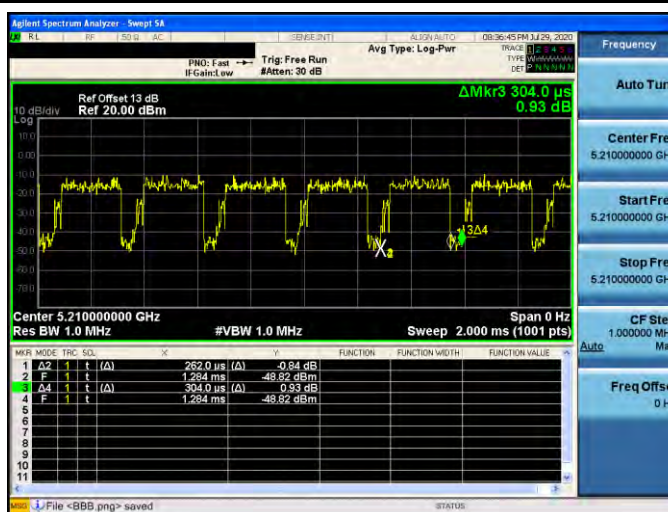
Mode 10: IEEE 802.11ac 40 MHz Continuous TX Mode

On+off time



Mode 11: IEEE 802.11ac 80 MHz Continuous TX Mode

On+off time



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 (dB)
Conducted Emission	150 kHz ~ 30 MHz	2.68
Radiated Emission	9 kHz ~ 30 MHz	2.14
	30 MHz ~ 1000 MHz	4.99
	1000 MHz ~ 18000 MHz	4.99
	18000 MHz ~ 26500 MHz	4.23
	26500 MHz ~ 40000 MHz	4.39
Conducted Output Power		0.92 dB
RF Bandwidth		4.79 %
Power Spectral Density		0.92 dB
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 低功率射頻電機技術規範(LP0002)之檢驗法。

2.4 GHz 頻段適用下列表格

項次	測試項目	適用規範	測試結果	量測設備	結果判定
1	電源線傳導干擾	低功率射頻電機技術規範 2.3 節	請參閱 4.1 節	請參閱 2.1 節	符合
2	場強輻射	低功率射頻電機技術規範 2.8 節、2.9 節、3.10.1.5.(1)節	請參閱 4.2.1 節	請參閱 2.1 節	符合
3	頻帶邊緣外之輻射發射	低功率射頻電機技術規範 3.10.1.5.(1)節	請參閱 4.2.1 節	請參閱 2.1 節	符合
4	最大傳導輸出功率	低功率射頻電機技術規範 3.10.1.2(1)(C)節	請參閱 4.2.2 節	請參閱 2.1 節	符合
5	天線規格	低功率射頻電機技術規範 3.10.1.3(3)、3.10.1.4 節	請參閱 4.2.3 節	-----	符合
6	非必要頻帶	低功率射頻電機技術規範 3.10.1.5(1)節	請參閱 4.2.4 節	請參閱 2.1 節	符合
7	6 dB 頻寬	低功率射頻電機技術規範 3.10.1.6(2)(A)節	請參閱 4.2.5 節	請參閱 2.1 節	符合
8	峰值發射電功率密度	低功率射頻電機技術規範 3.10.1.6(2)(B)節	請參閱 4.2.6 節	請參閱 2.1 節	符合
9	電波暴露量之評估	低功率射頻電機技術規範 5.20.2.1 節、5.20.2.2 節	請參閱 4.3.12 節	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	低功率射頻電機技術規範 2.3 節	請參閱 4.1 節	請參閱 2.1 節	符合
2	場強輻射	低功率射頻電機技術規範 2.8 節、2.9 節	請參閱 4.3.1 節	請參閱 2.1 節	符合
3	頻帶邊緣外之輻射發射	低功率射頻電機技術規範 2.7、4.7.4 節	請參閱 4.3.1 節	請參閱 2.1 節	符合
4	非必要頻帶	低功率射頻電機技術規範 4.7.4 節	請參閱 4.3.1 節	請參閱 2.1 節	符合
5	最大傳導輸出功率	低功率射頻電機技術規範 4.7.3.1、4.7.3.2、4.7.3.3 節	請參閱 4.3.2 節	請參閱 2.1 節	符合
6	最大傳導功率頻譜密度	低功率射頻電機技術規範 4.7.3.1、4.7.3.2、4.7.3.3 節	請參閱 4.3.3 節	請參閱 2.1 節	符合
7	26 dB 頻寬之要求	N/A	請參閱 4.3.4 節	請參閱 2.1 節	----
8	6 dB 頻寬之要求	低功率射頻電機技術規範 4.7.5 節	請參閱 4.3.5 節	請參閱 2.1 節	符合
9	發射功率控制(TPC)	低功率射頻電機技術規範 4.7.7.1 節	請參閱 4.3.6 節	請參閱 2.1 節	符合
10	動態頻率選擇(DFS) 雷達偵測功能	低功率射頻電機技術規範 4.7.7.2 節	請參閱 4.3.7 節	請參閱 2.1 節	不適用
11	動態頻率選擇(DFS) 頻道可用性檢查時間	低功率射頻電機技術規範 4.7.7.2(3)節	請參閱 4.3.8 節	請參閱 2.1 節	不適用
12	動態頻率選擇(DFS) 頻道移動時間	低功率射頻電機技術規範 4.7.7.2(4)節	請參閱 4.3.9 節	請參閱 2.1 節	符合
13	動態頻率選擇(DFS) 不可佔用時間	低功率射頻電機技術規範 4.7.7.2(5)節	請參閱 4.3.10 節	請參閱 2.1 節	不適用
14	天線規格	低功率射頻電機技術規範 4.7.8 節	請參閱 4.3.11 節	-----	符合
15	電波暴露量之評估	低功率射頻電機技術規範 5.20.2.1 節、5.20.2.2 節	請參閱 4.3.12 節	請參閱 2.1 節	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 低功率射頻電機技術規範(LP0002)之 2.3 節，以市電為電源之低功率射頻電機，其傳導回電源線上頻率自 150 kHz 至 30 MHz 之射頻電壓（在電源端子每一電源線對接地點）不得超過下表所列之限值。測量時應經過 50 Ω /50 μ H 之電源線阻抗模擬網路 (LISN)。頻率重疊處，以較低限值為準。

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

註：隨頻率之對數遞減。

測試方法：

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

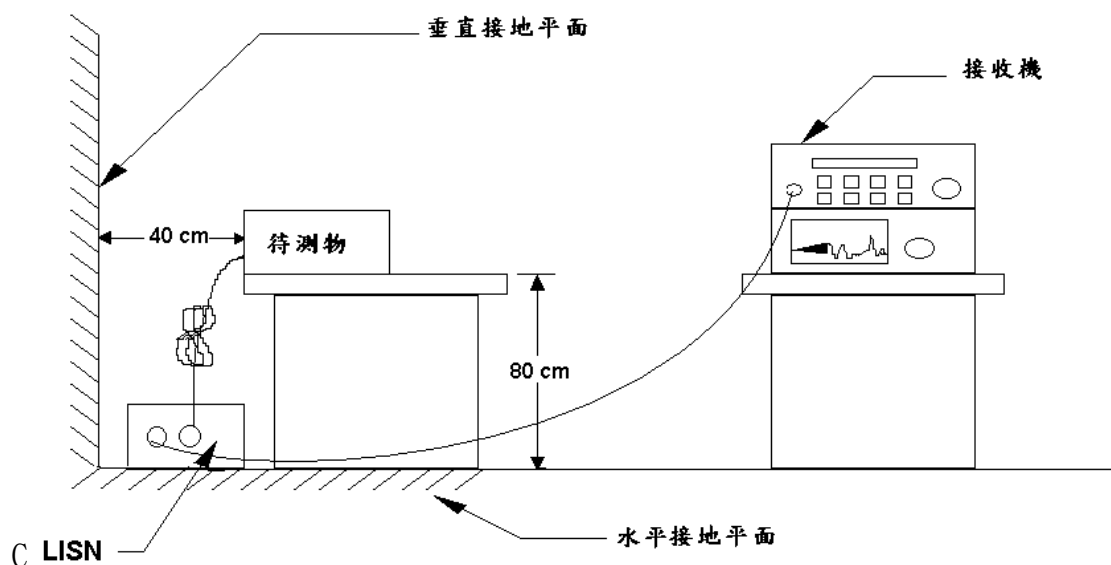
干擾值之計算

電源傳導干擾電壓之計算公式如下

結果值 = 儀器讀值(QP/AV) + 校正因子

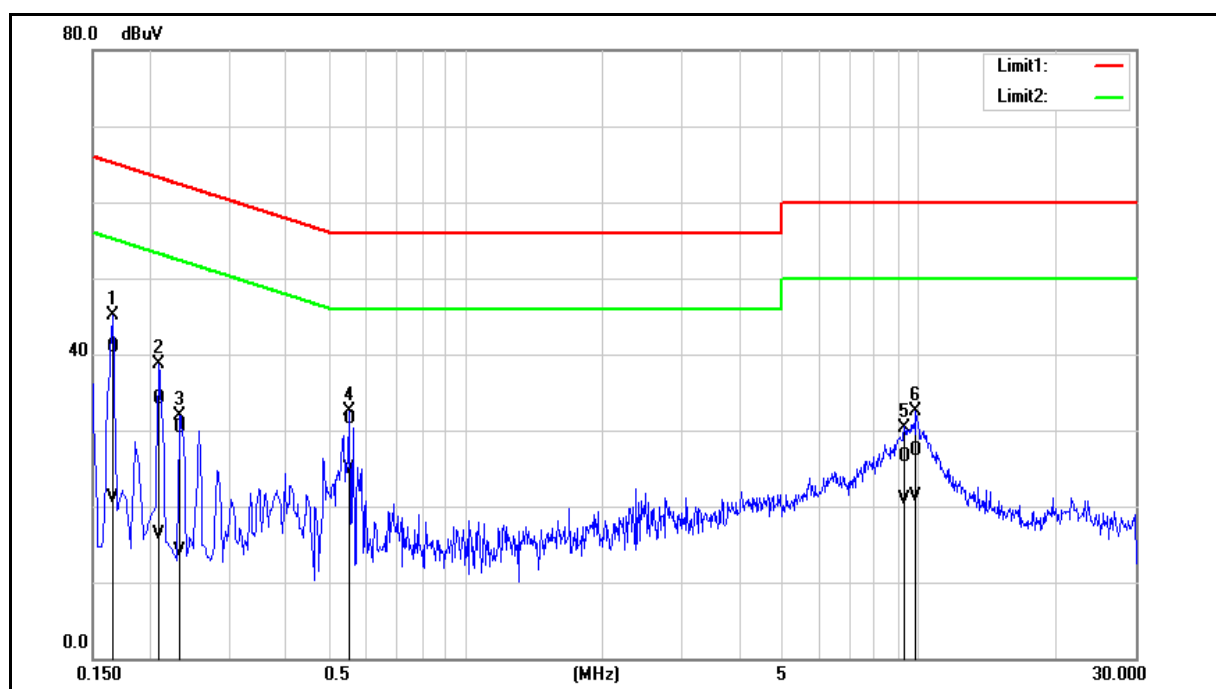
其中校正因子為：饋線損失 + 電源阻抗模擬網路損失

測試架構圖：



測試結果:

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

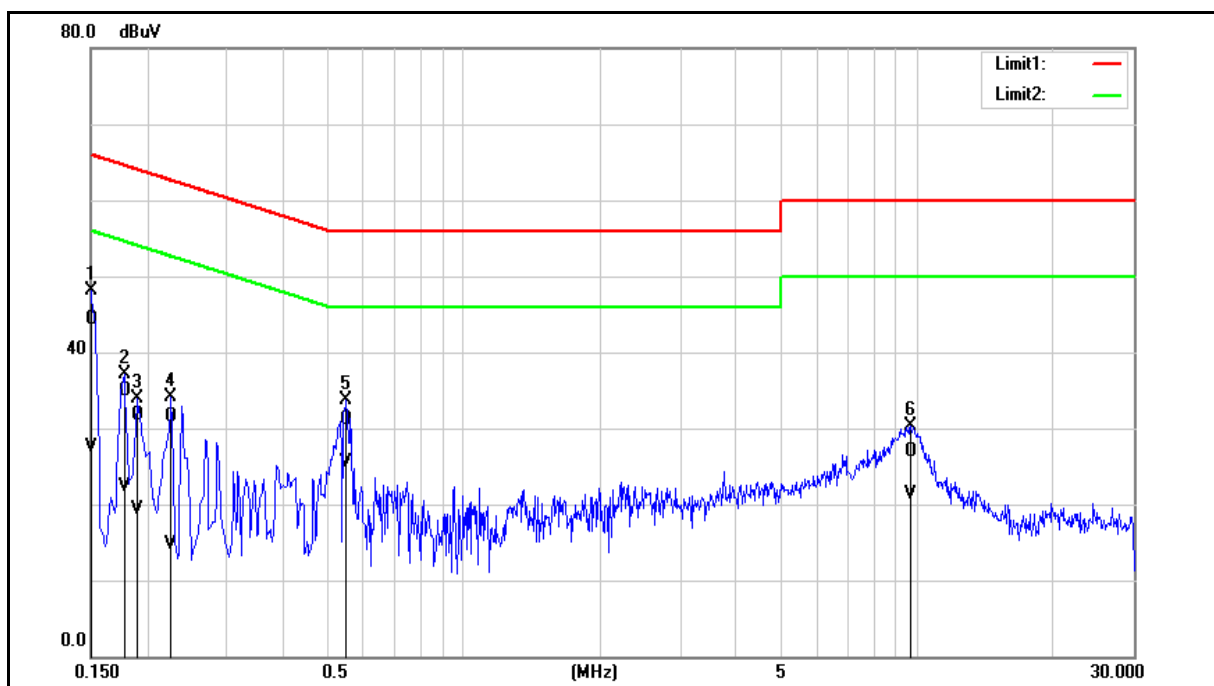


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1660	31.25	11.54	9.65	40.90	21.19	65.16	55.16	-24.26	-33.97	Pass
2	0.2100	24.44	6.71	9.64	34.08	16.35	63.21	53.21	-29.13	-36.86	Pass
3	0.2340	20.66	4.43	9.64	30.30	14.07	62.31	52.31	-32.01	-38.24	Pass
4	0.5540	21.92	15.21	9.66	31.58	24.87	56.00	46.00	-24.42	-21.13	Pass
5	9.2980	16.58	11.00	9.88	26.46	20.88	60.00	50.00	-33.54	-29.12	Pass
6	9.8420	17.39	11.49	9.90	27.29	21.39	60.00	50.00	-32.71	-28.61	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	34.66	17.78	9.68	44.34	27.46	66.00	56.00	-21.66	-28.54	Pass
2	0.1780	25.31	12.64	9.67	34.98	22.31	64.58	54.58	-29.60	-32.27	Pass
3	0.1900	22.07	9.59	9.67	31.74	19.26	64.04	54.04	-32.30	-34.78	Pass
4	0.2260	21.88	4.98	9.67	31.55	14.65	62.60	52.60	-31.05	-37.95	Pass
5	0.5500	21.47	15.74	9.69	31.16	25.43	56.00	46.00	-24.84	-20.57	Pass
6	9.6740	17.03	11.30	9.96	26.99	21.26	60.00	50.00	-33.01	-28.74	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 Display

Standard: LP0002

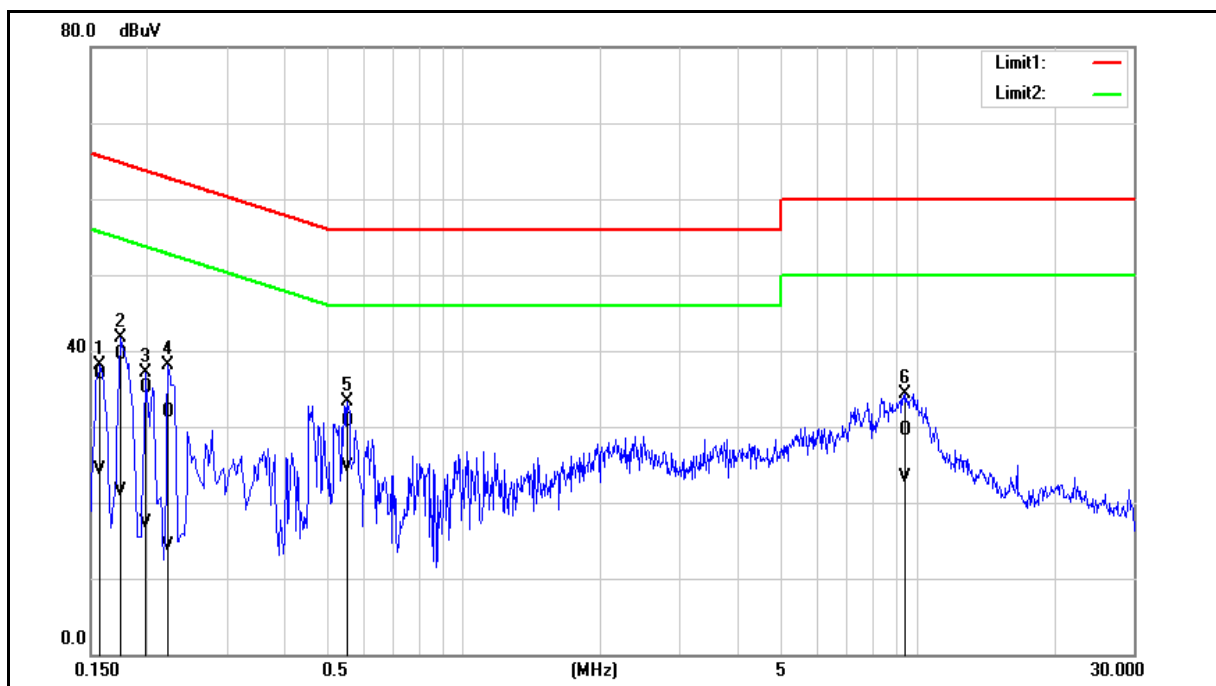
Line: L1

Test item: Conducted Emission

Power: AC 110 V/60 Hz

Mode: Mode 1

Description:

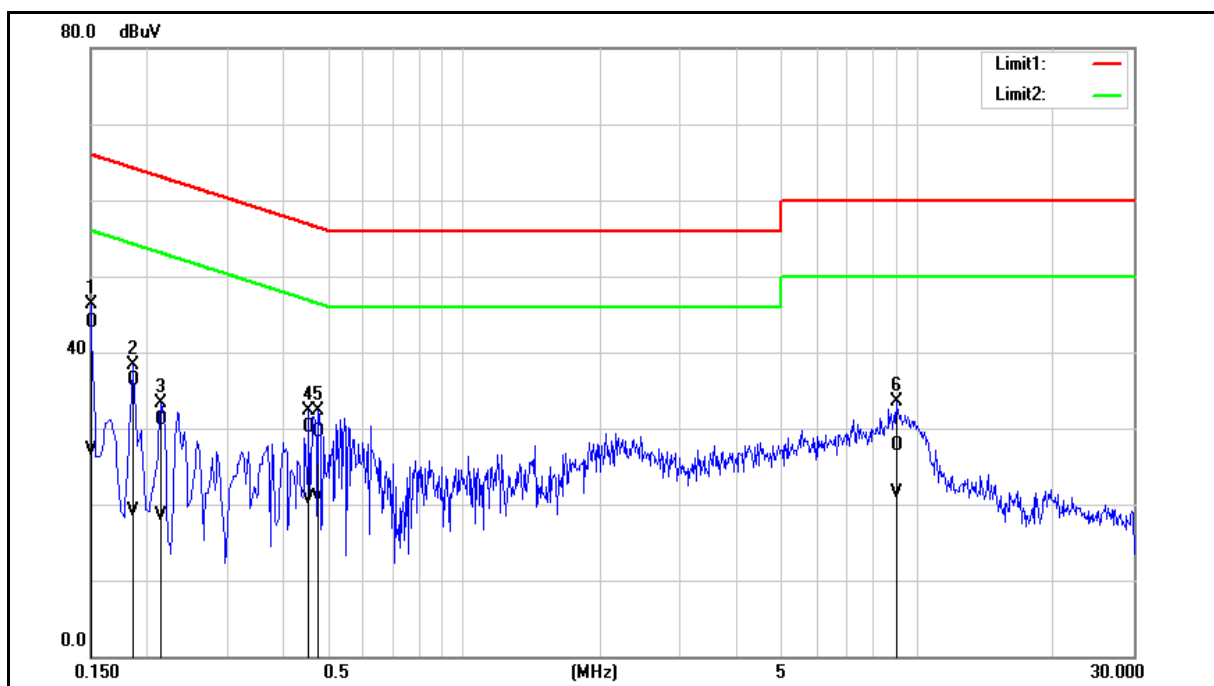


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1580	27.29	14.60	9.65	36.94	24.25	65.57	55.57	-28.63	-31.32	Pass
2	0.1740	29.85	11.89	9.65	39.50	21.54	64.77	54.77	-25.27	-33.23	Pass
3	0.1980	25.46	7.70	9.64	35.10	17.34	63.69	53.69	-28.59	-36.35	Pass
4	0.2220	22.19	4.57	9.64	31.83	14.21	62.74	52.74	-30.91	-38.53	Pass
5	0.5540	21.13	14.95	9.66	30.79	24.61	56.00	46.00	-25.21	-21.39	Pass
6	9.4180	19.69	13.33	9.88	29.57	23.21	60.00	50.00	-30.43	-26.79	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	34.15	17.42	9.68	43.83	27.10	66.00	56.00	-22.17	-28.90	Pass
2	0.1860	26.55	9.42	9.67	36.22	19.09	64.21	54.21	-27.99	-35.12	Pass
3	0.2140	21.41	8.92	9.67	31.08	18.59	63.05	53.05	-31.97	-34.46	Pass
4	0.4540	20.37	11.08	9.69	30.06	20.77	56.80	46.80	-26.74	-26.03	Pass
5	0.4780	19.79	11.23	9.69	29.48	20.92	56.37	46.37	-26.89	-25.45	Pass
6	9.0020	17.74	11.51	9.94	27.68	21.45	60.00	50.00	-32.32	-28.55	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)。

4.2 2.4 GHz 檢驗項目

4.2.1 場強輻射之量測

合格標準:

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

依據 NCC 低功率射頻電機技術規範第 2.7 節之規定,禁用頻段如下：

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

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

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

測試方法：

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

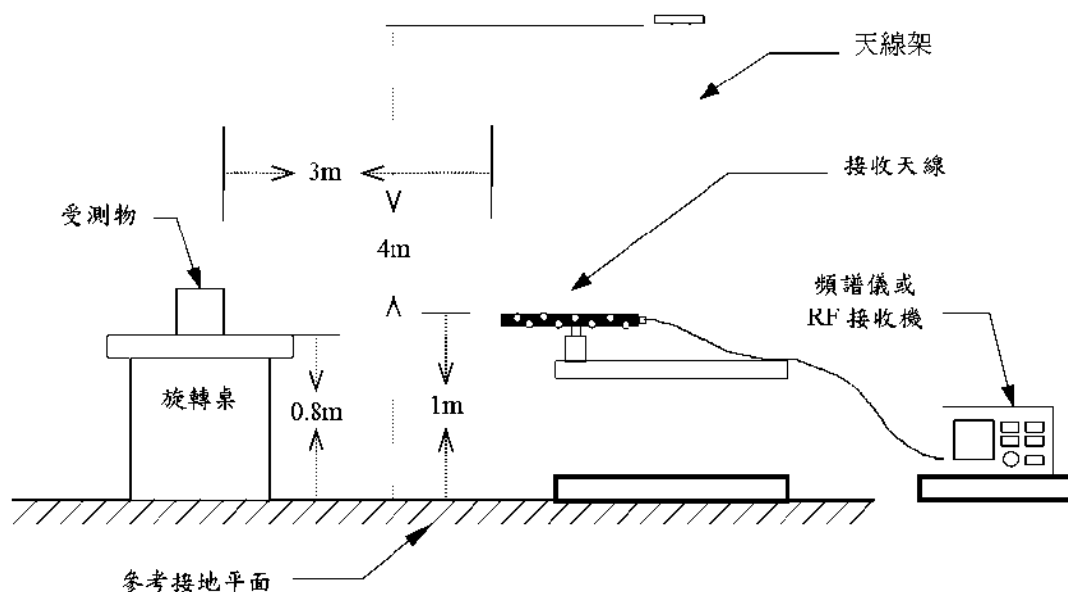
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

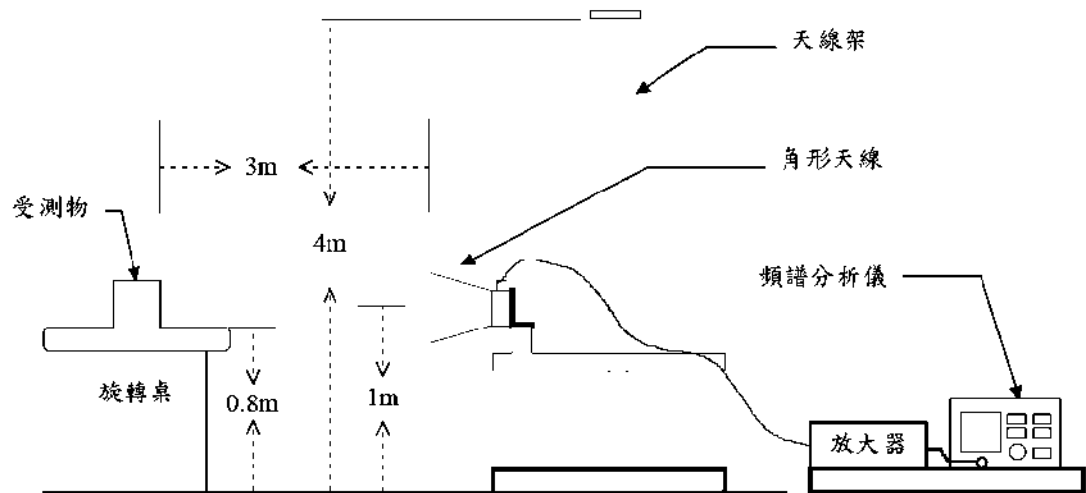
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置

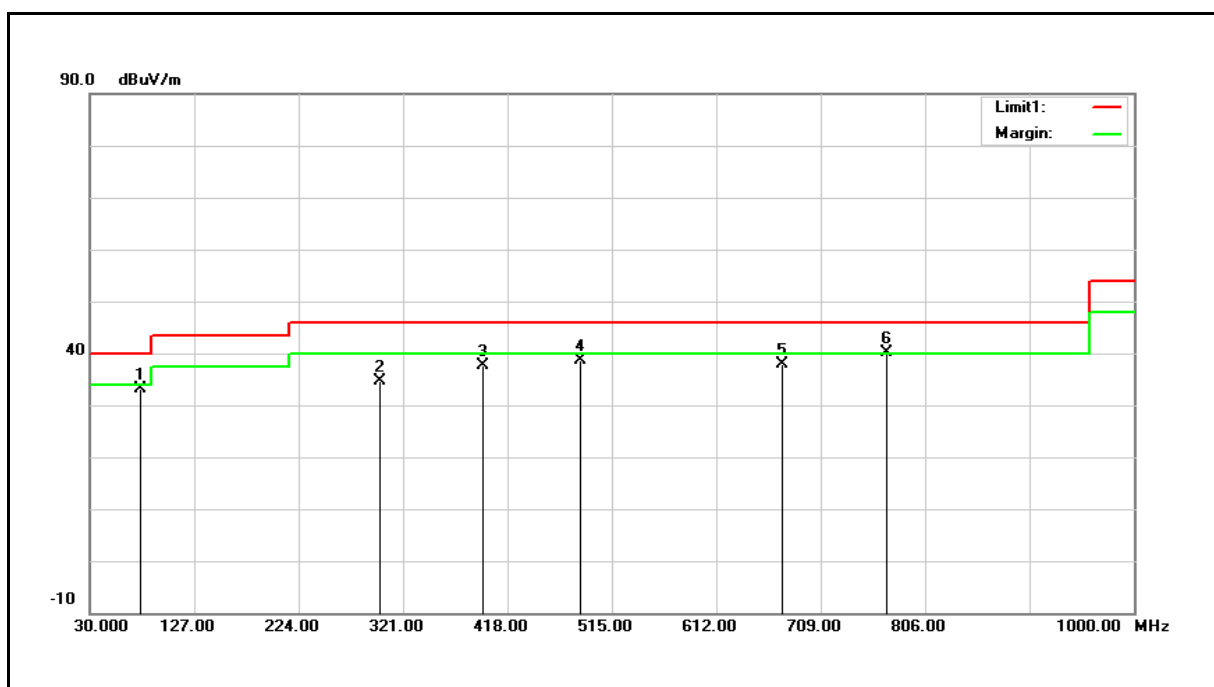


量測頻率高於 1 GHz 以上之測試配置



其它不必要之訊號 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	77.5300	43.44	-10.34	33.10	40.00	-6.90	QP
2	299.6600	38.76	-4.21	34.55	46.00	-11.45	QP
3	394.7200	39.81	-2.23	37.58	46.00	-8.42	QP
4	485.9000	38.83	-0.30	38.53	46.00	-7.47	QP
5	673.1100	34.59	3.38	37.97	46.00	-8.03	QP
6	770.1100	34.70	5.46	40.16	46.00	-5.84	QP

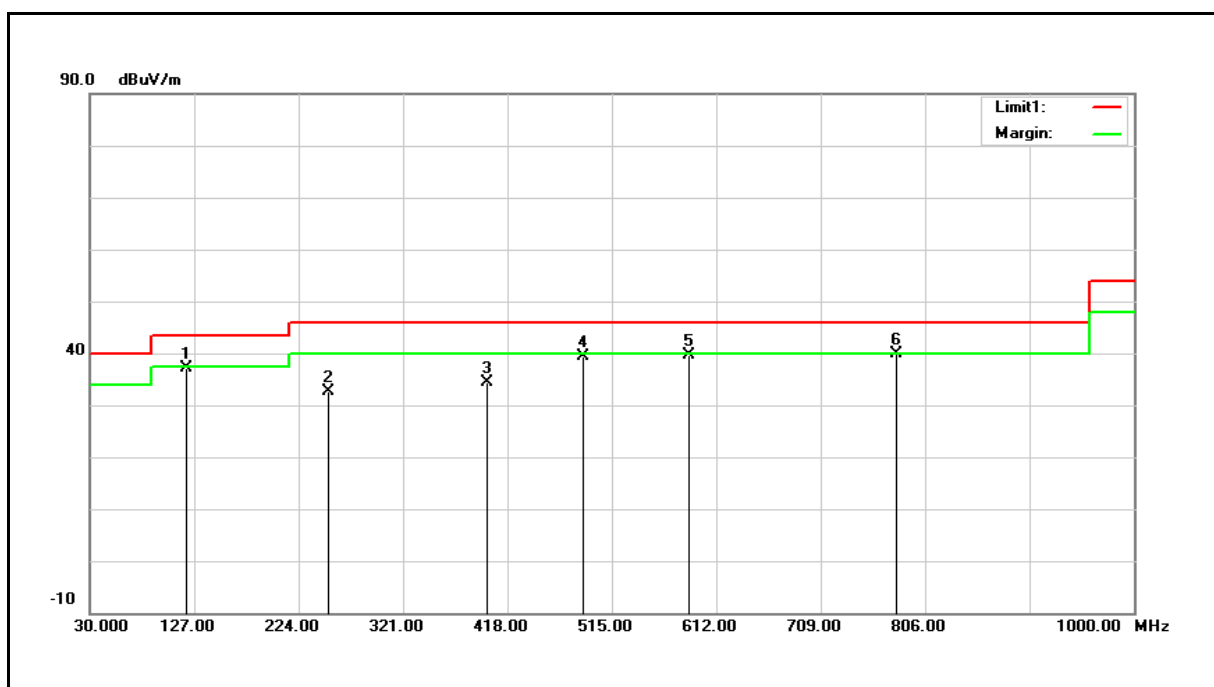
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $33.10 = -10.34 + 43.44$

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

3.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:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	120.2100	45.49	-8.43	37.06	43.50	-6.44	QP
2	252.1300	38.54	-5.92	32.62	46.00	-13.38	QP
3	399.5700	36.37	-2.10	34.27	46.00	-11.73	QP
4	488.8100	39.72	-0.27	39.45	46.00	-6.55	QP
5	586.7800	37.41	2.11	39.52	46.00	-6.48	QP
6	778.8400	34.43	5.56	39.99	46.00	-6.01	QP

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

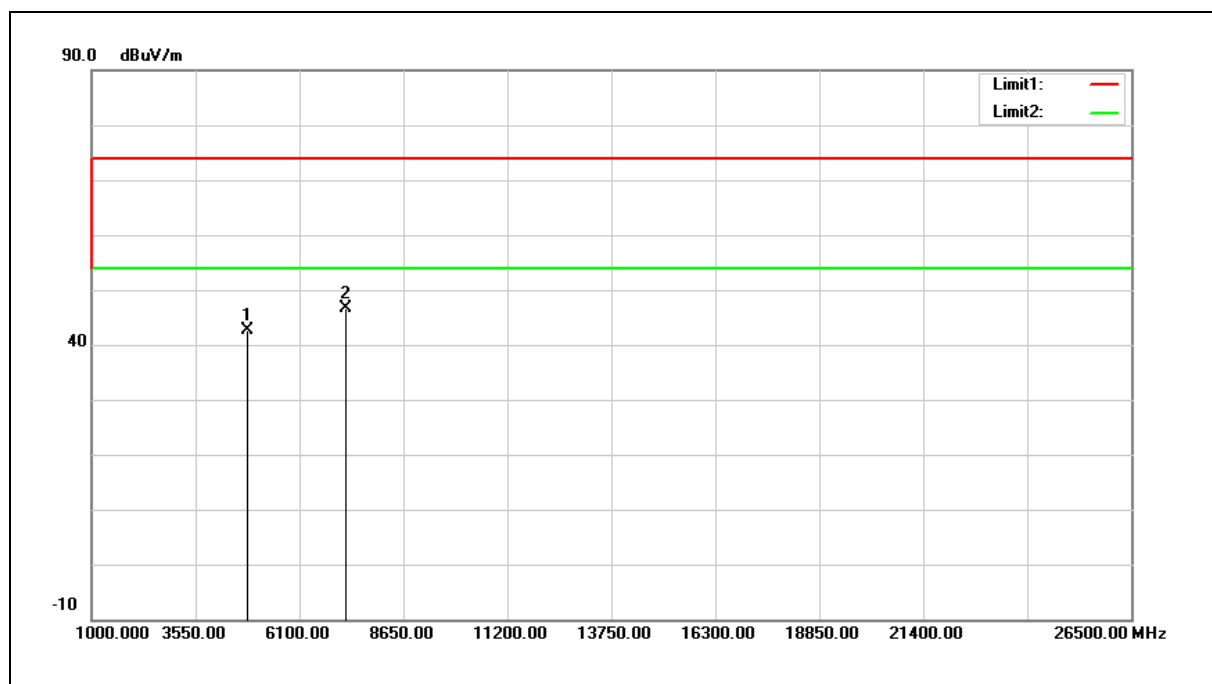
Example: $37.06 = -8.43 + 45.49$

2.Correction factor (dB/m) = Antenna Factor (dB/m) + 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:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	51.25	-8.61	42.64	74.00	-31.36	peak
2	7236.000	47.71	-1.06	46.65	74.00	-27.35	peak

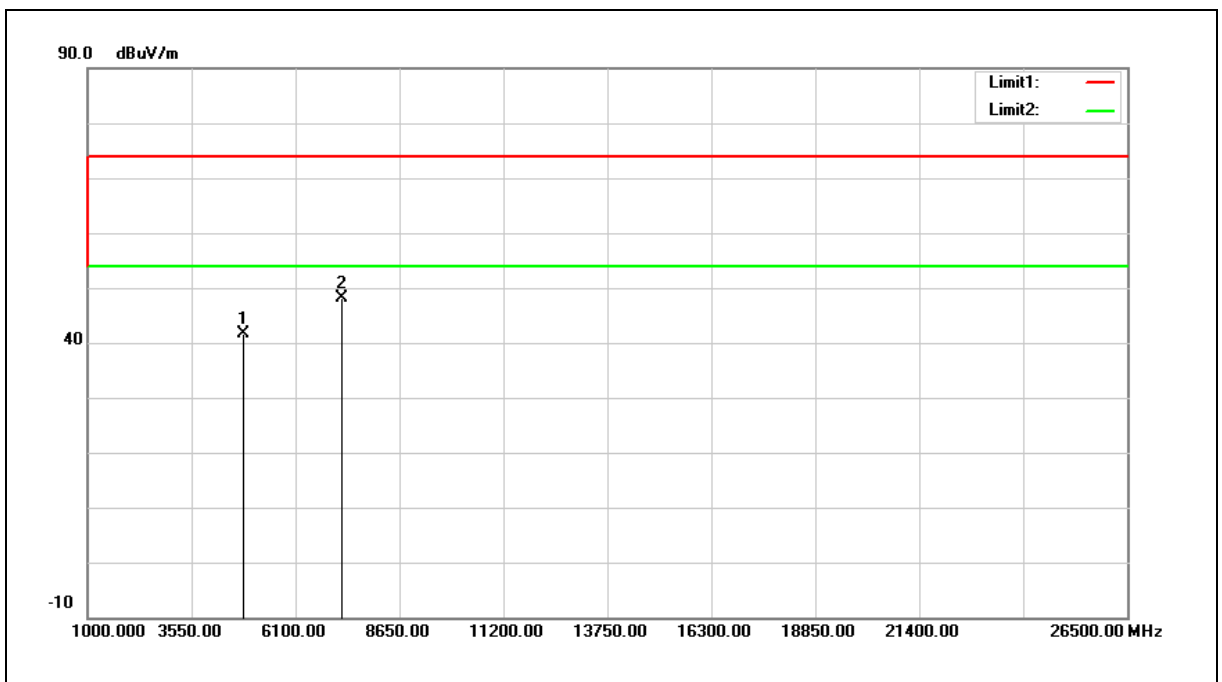
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $42.64 = -8.61 + 51.25$

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	50.22	-8.61	41.61	74.00	-32.39	peak
2	7236.000	49.08	-1.06	48.02	74.00	-25.98	peak

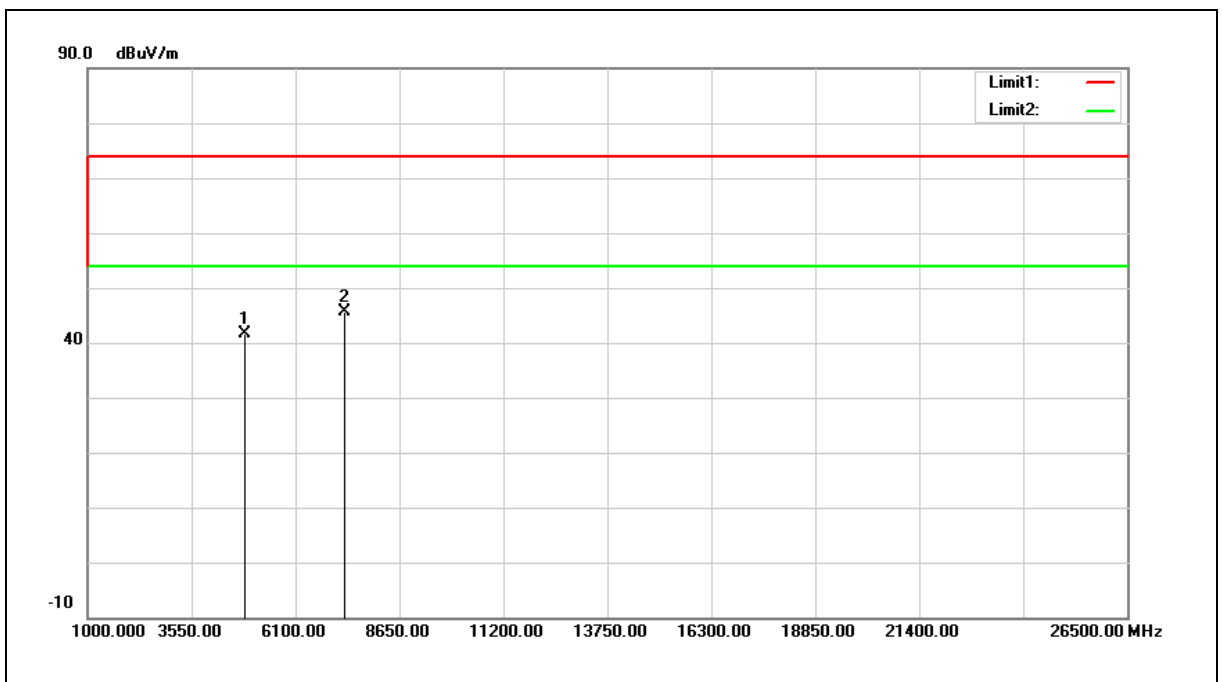
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $41.61 = -8.61 + 50.22$

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.

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



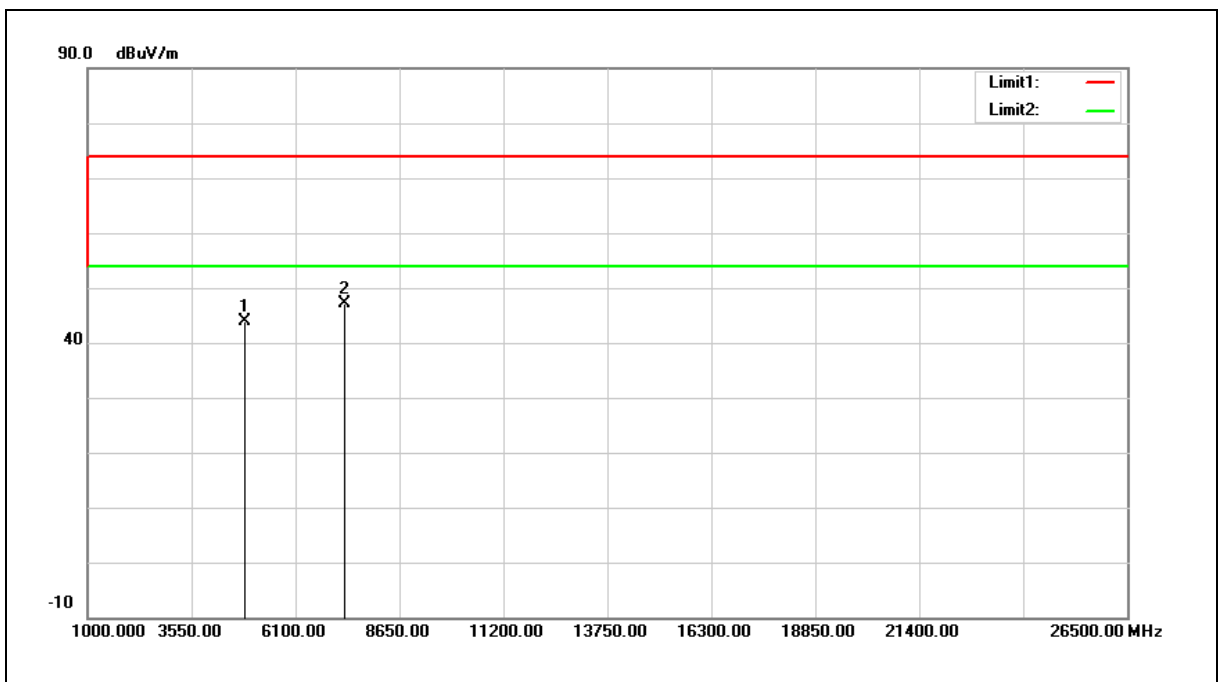
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	50.00	-8.48	41.52	74.00	-32.48	peak
2	7311.000	46.28	-0.73	45.55	74.00	-28.45	peak

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

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

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

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



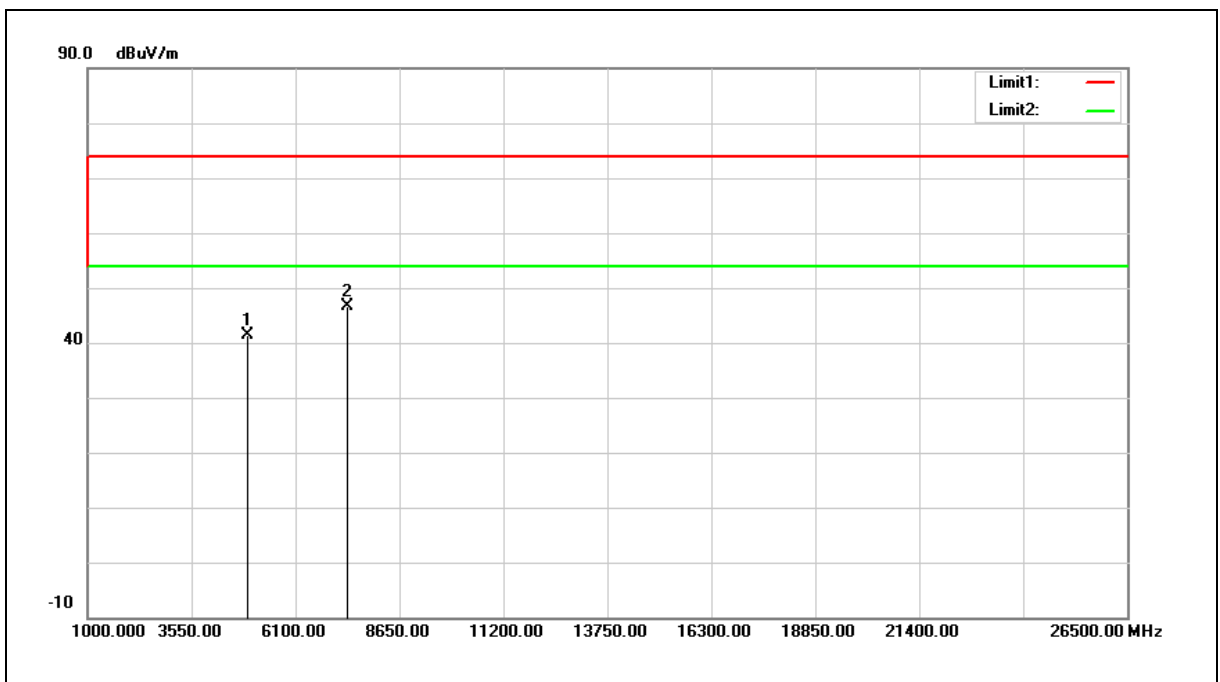
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	52.31	-8.48	43.83	74.00	-30.17	peak
2	7311.000	47.92	-0.73	47.19	74.00	-26.81	peak

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

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

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

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



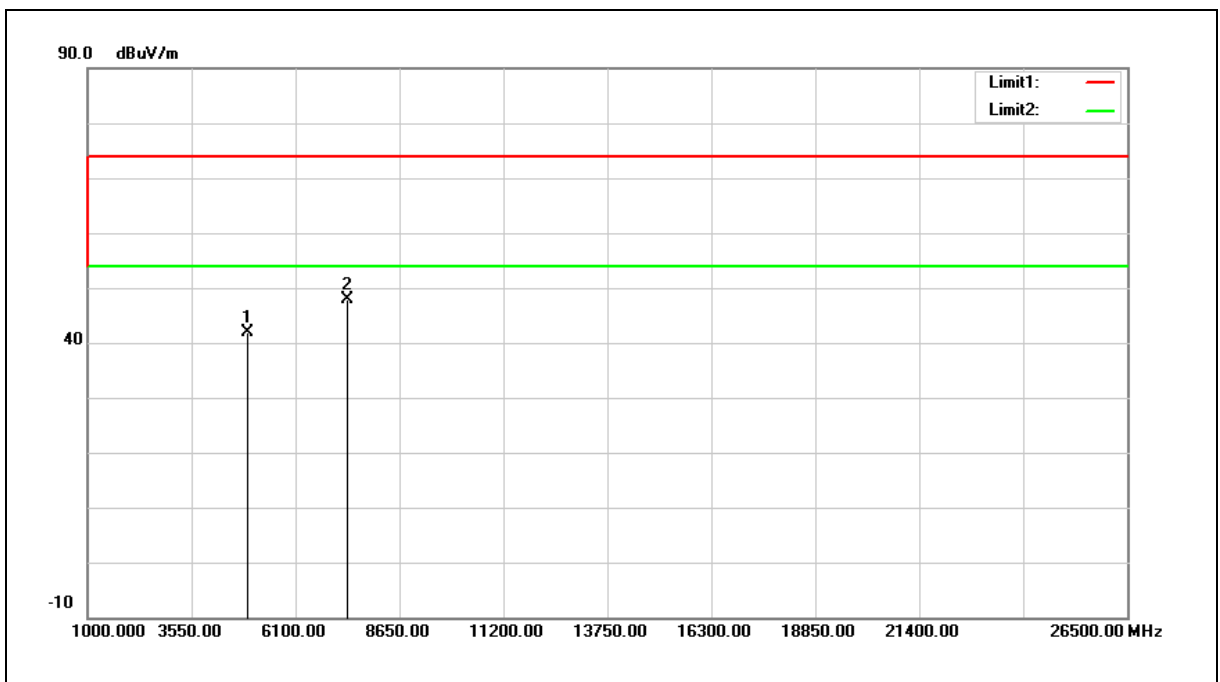
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	49.79	-8.35	41.44	74.00	-32.56	peak
2	7386.000	47.02	-0.38	46.64	74.00	-27.36	peak

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



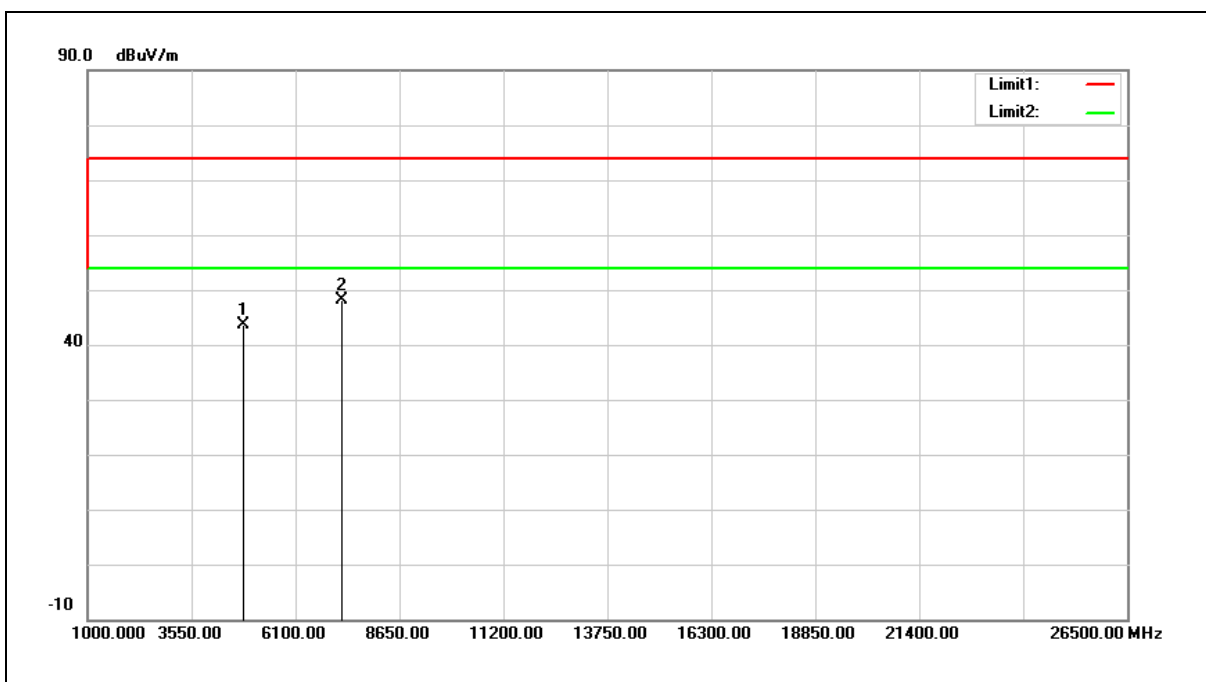
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	50.20	-8.35	41.85	74.00	-32.15	peak
2	7386.000	48.18	-0.38	47.80	74.00	-26.20	peak

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

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

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

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



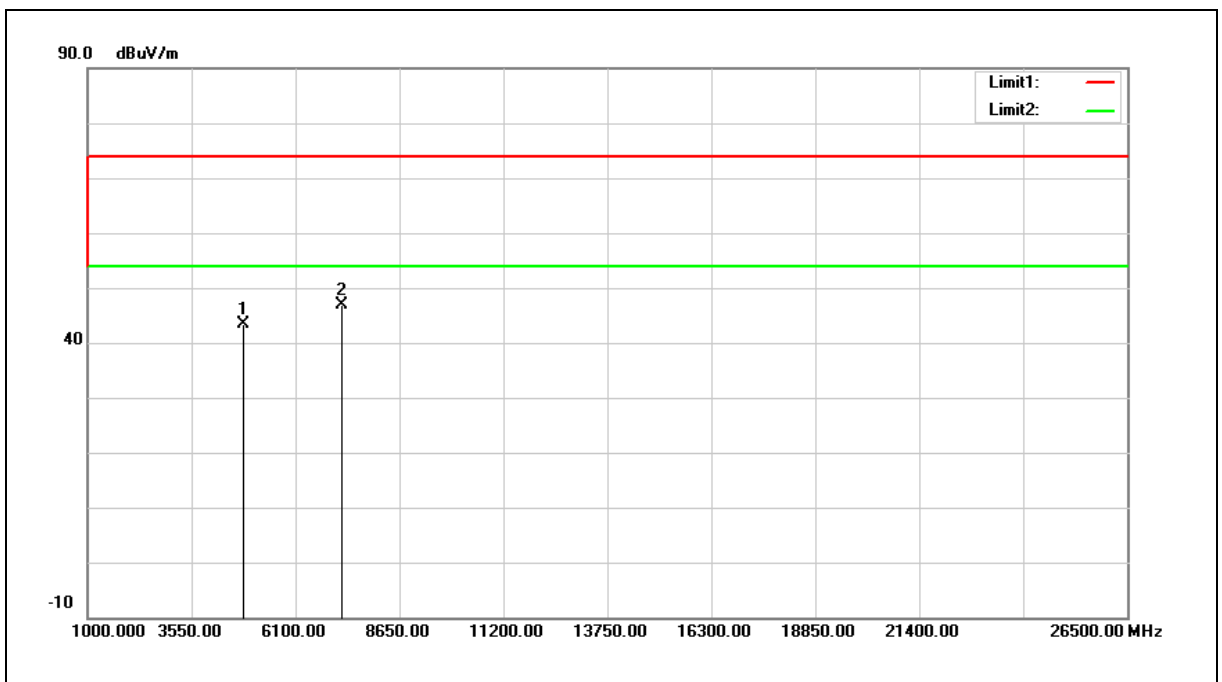
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	52.36	-8.61	43.75	74.00	-30.25	peak
2	7236.000	49.28	-1.06	48.22	74.00	-25.78	peak

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

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

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

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



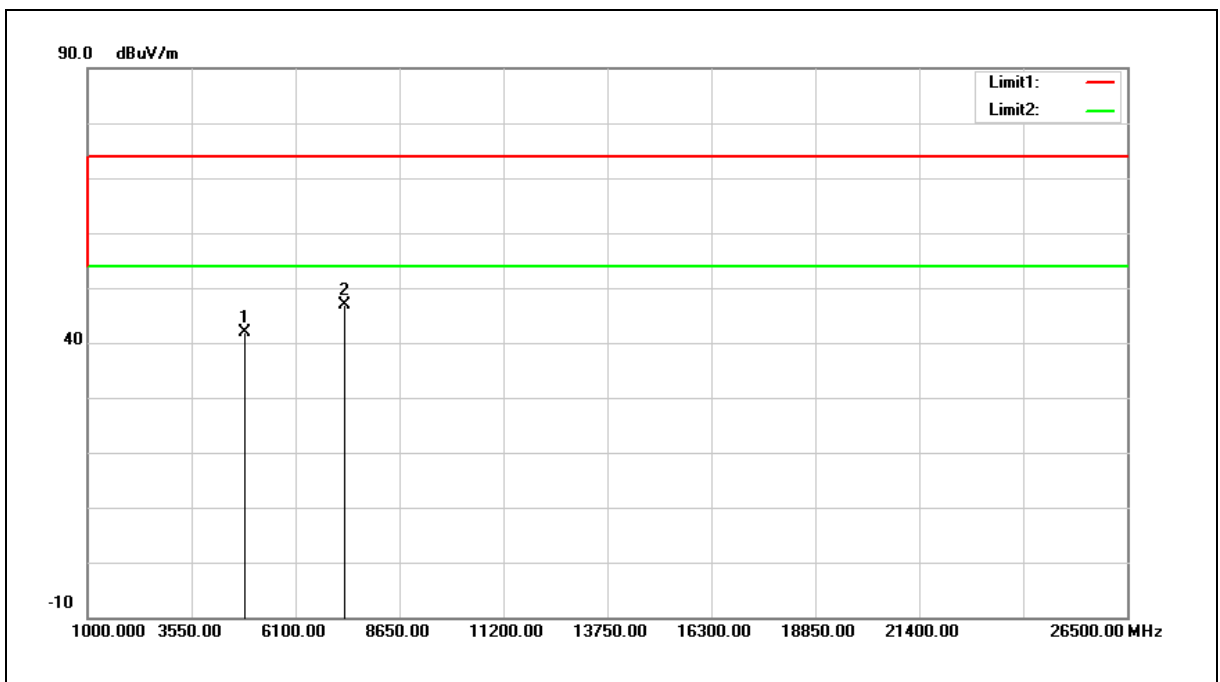
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	51.93	-8.61	43.32	74.00	-30.68	peak
2	7236.000	47.83	-1.06	46.77	74.00	-27.23	peak

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

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

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

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



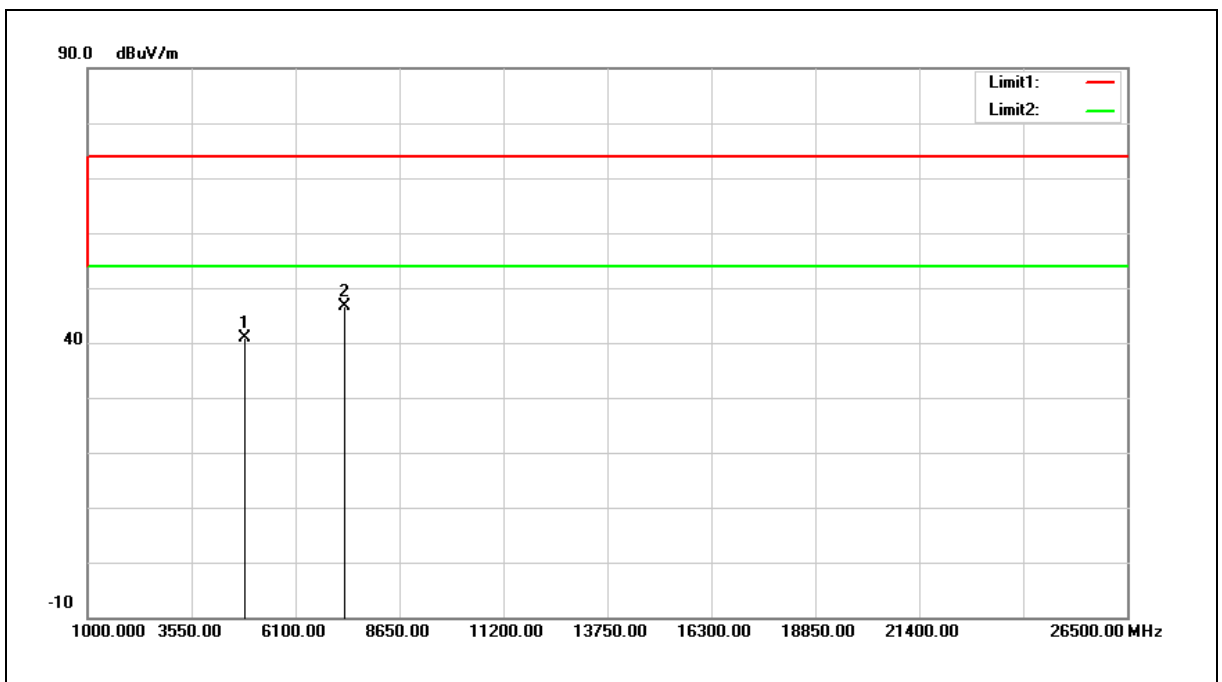
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	50.32	-8.48	41.84	74.00	-32.16	peak
2	7311.000	47.62	-0.73	46.89	74.00	-27.11	peak

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

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

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

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



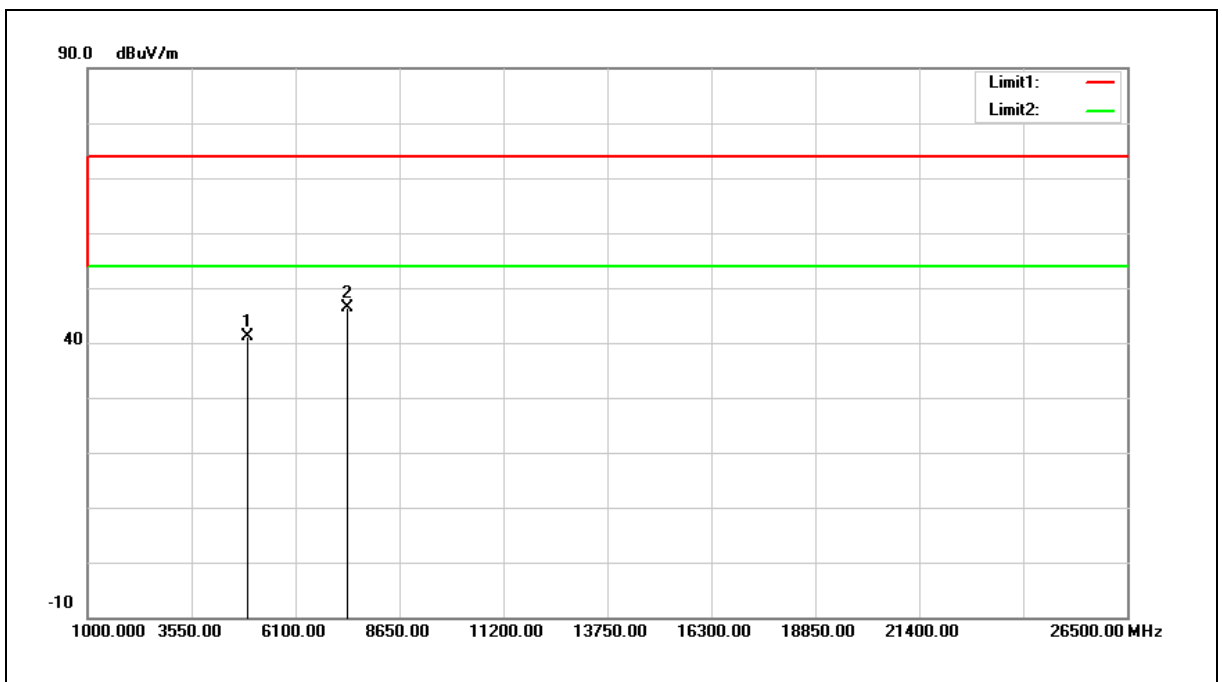
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	49.35	-8.48	40.87	74.00	-33.13	peak
2	7311.000	47.38	-0.73	46.65	74.00	-27.35	peak

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



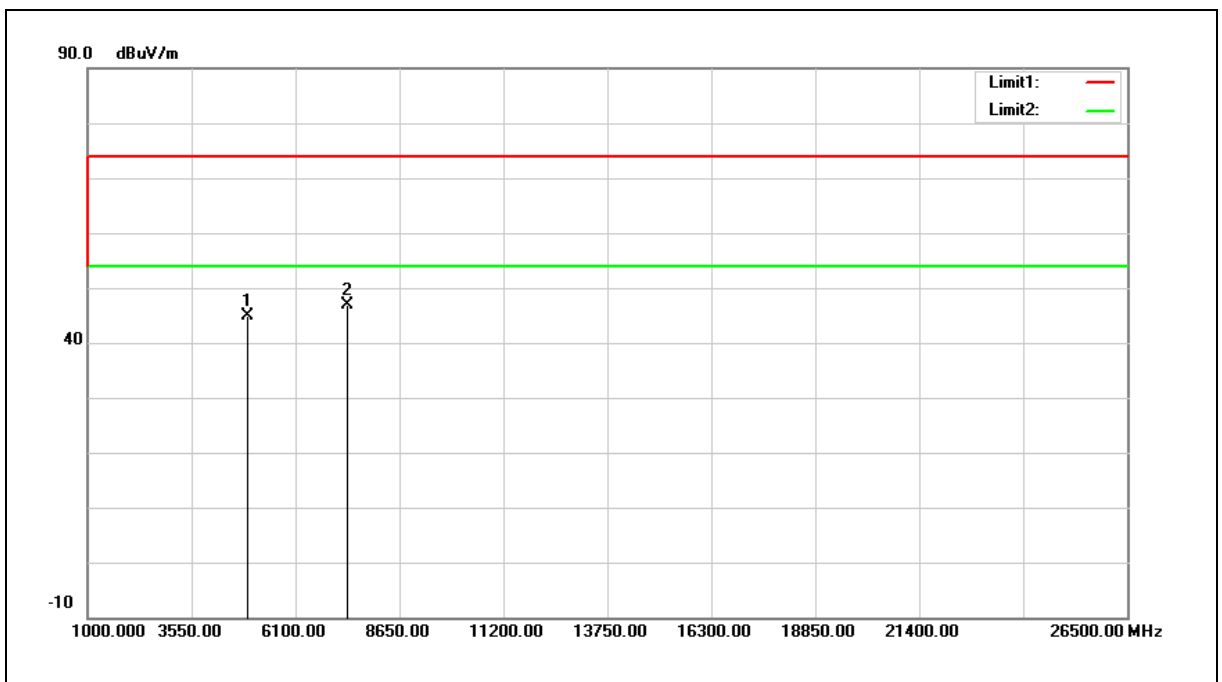
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	49.40	-8.35	41.05	74.00	-32.95	peak
2	7386.000	46.84	-0.38	46.46	74.00	-27.54	peak

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

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

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

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



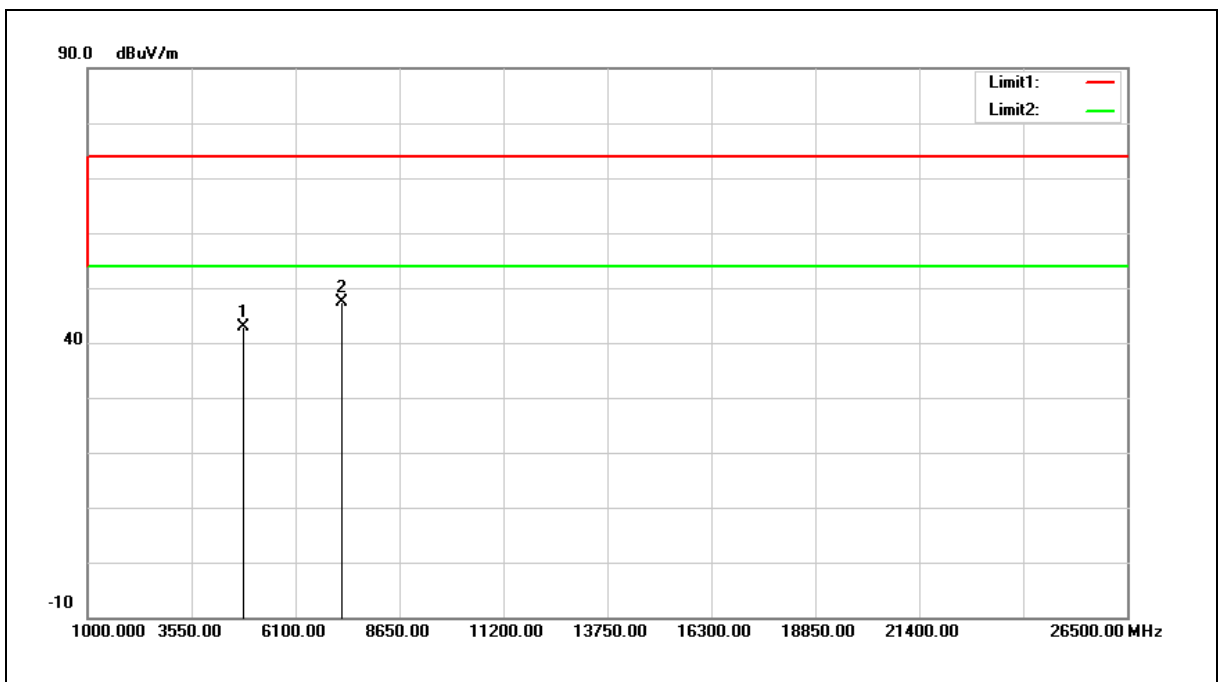
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	53.16	-8.35	44.81	74.00	-29.19	peak
2	7386.000	47.20	-0.38	46.82	74.00	-27.18	peak

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

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

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

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



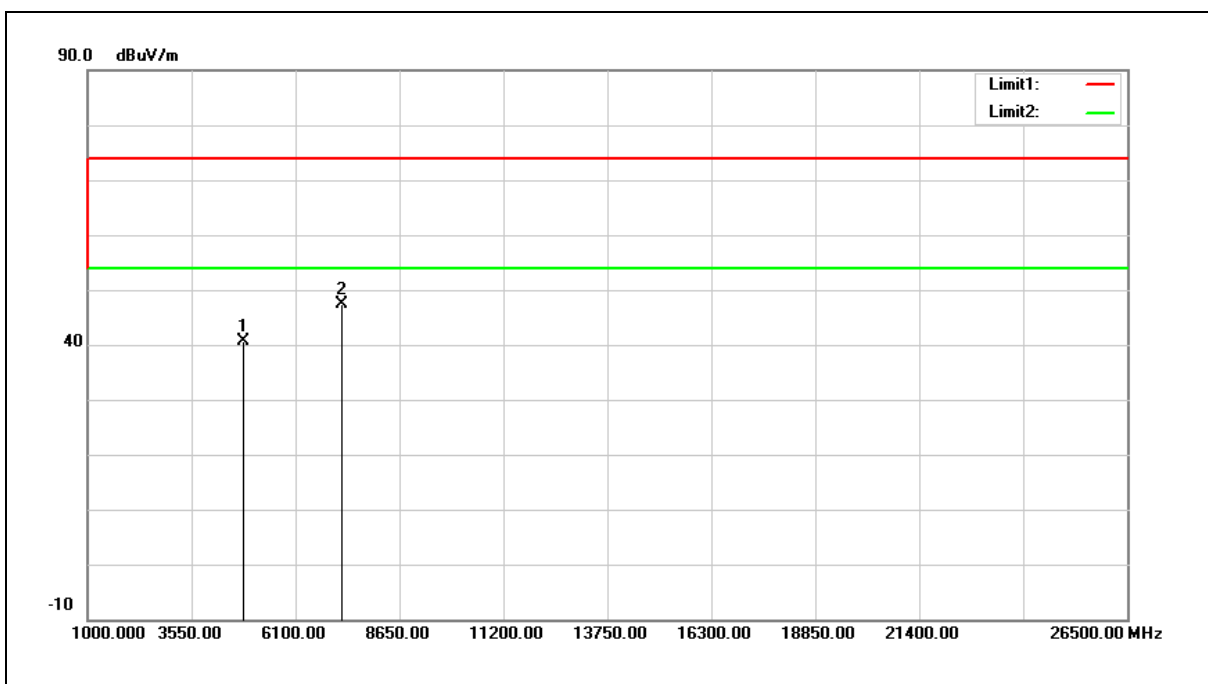
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	51.41	-8.61	42.80	74.00	-31.20	peak
2	7236.000	48.55	-1.06	47.49	74.00	-26.51	peak

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

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

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

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



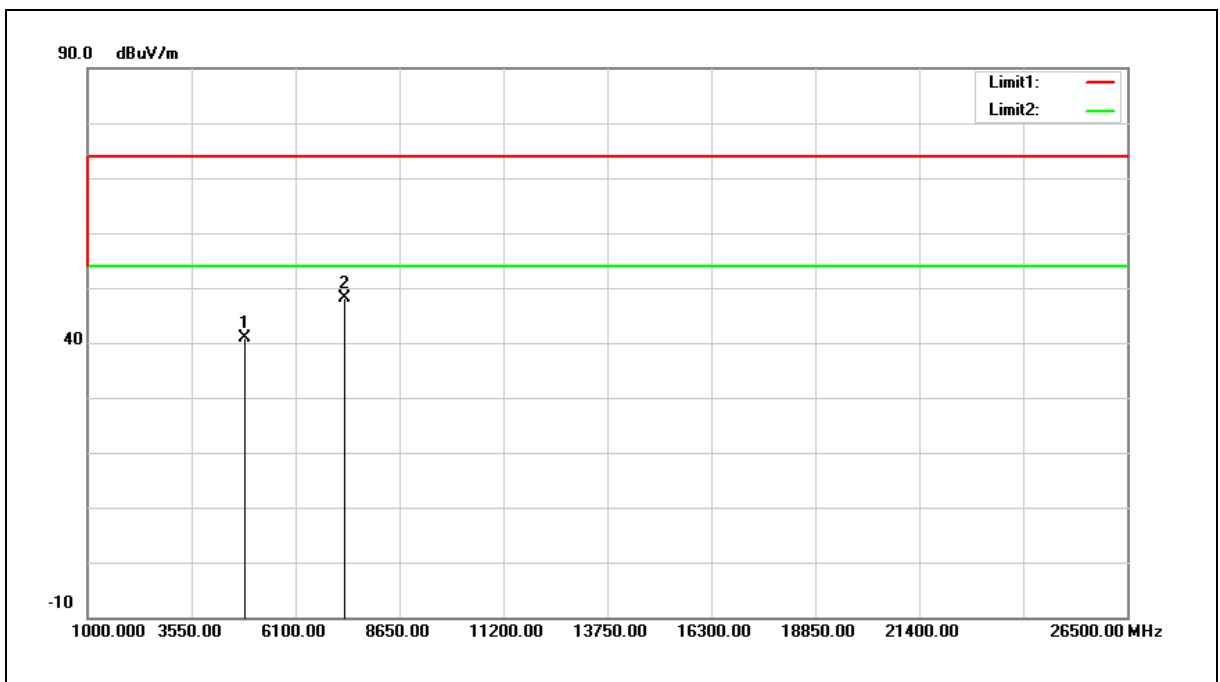
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	49.18	-8.61	40.57	74.00	-33.43	peak
2	7236.000	48.38	-1.06	47.32	74.00	-26.68	peak

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

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

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

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



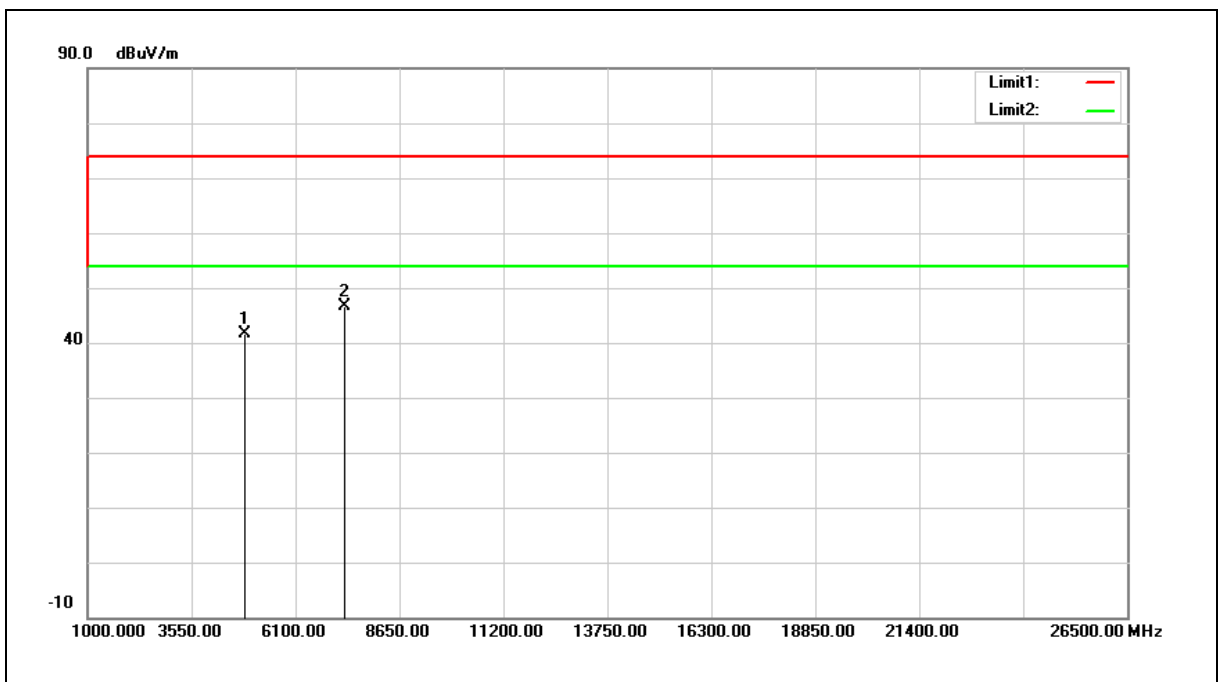
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	49.33	-8.48	40.85	74.00	-33.15	peak
2	7311.000	48.96	-0.73	48.23	74.00	-25.77	peak

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

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

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

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



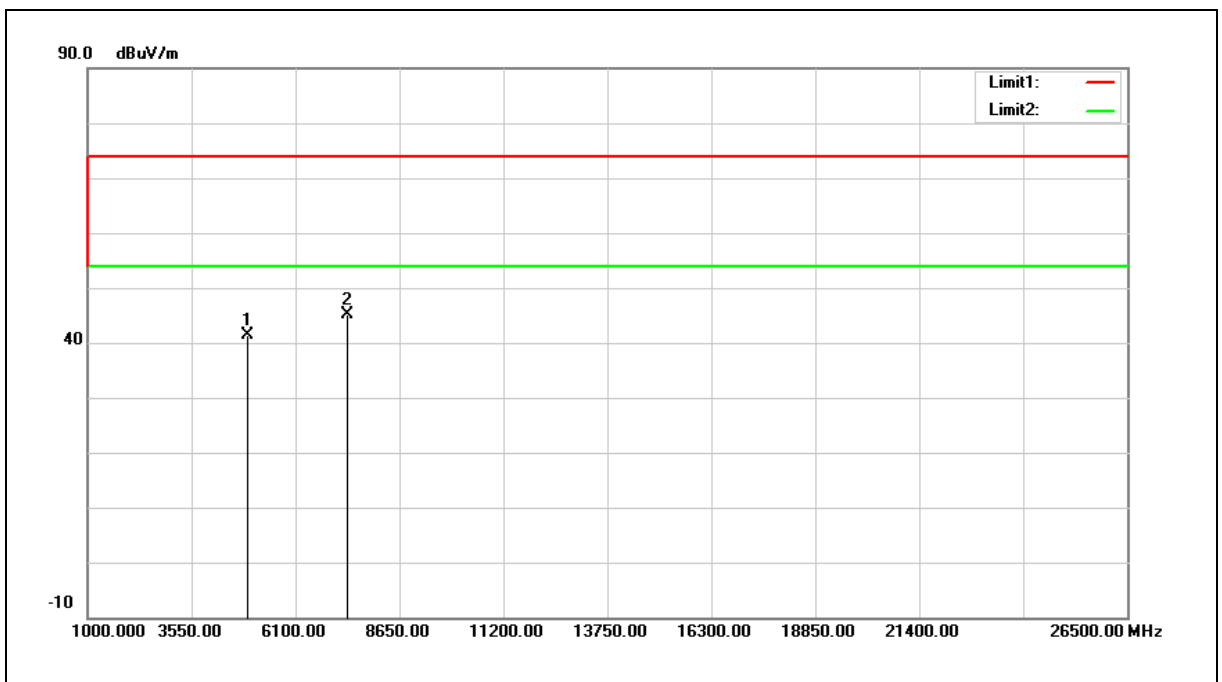
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	50.23	-8.48	41.75	74.00	-32.25	peak
2	7311.000	47.35	-0.73	46.62	74.00	-27.38	peak

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

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

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

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



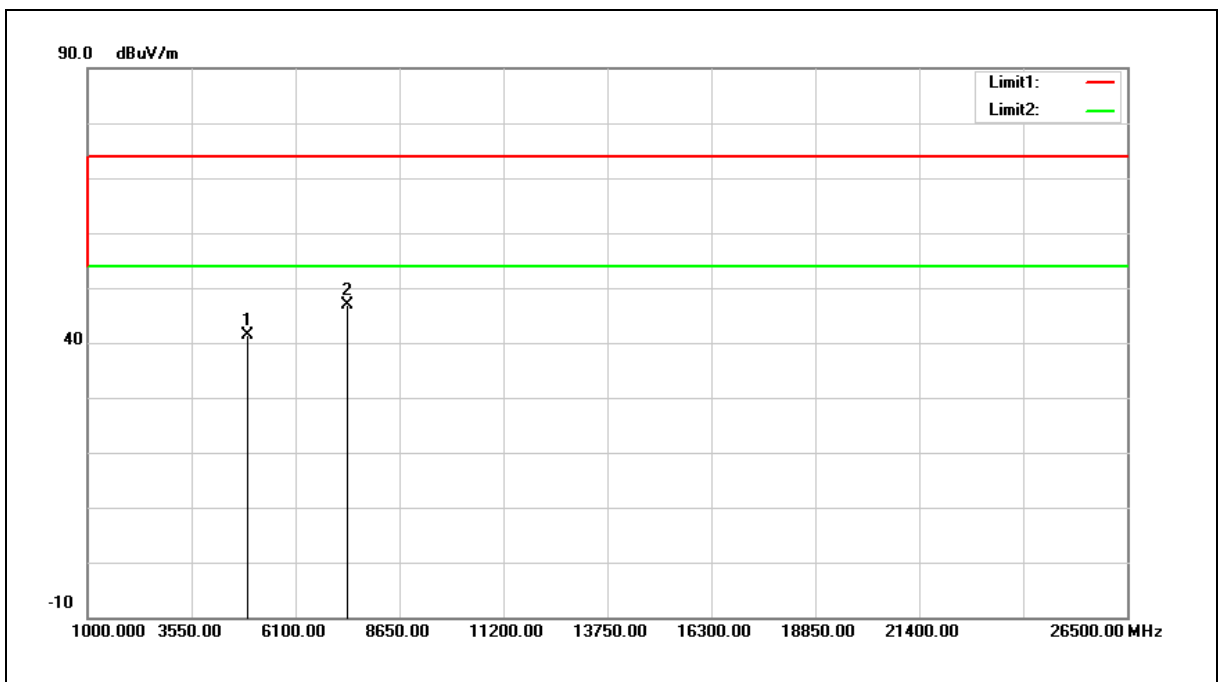
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	49.83	-8.35	41.48	74.00	-32.52	peak
2	7386.000	45.63	-0.38	45.25	74.00	-28.75	peak

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

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

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

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



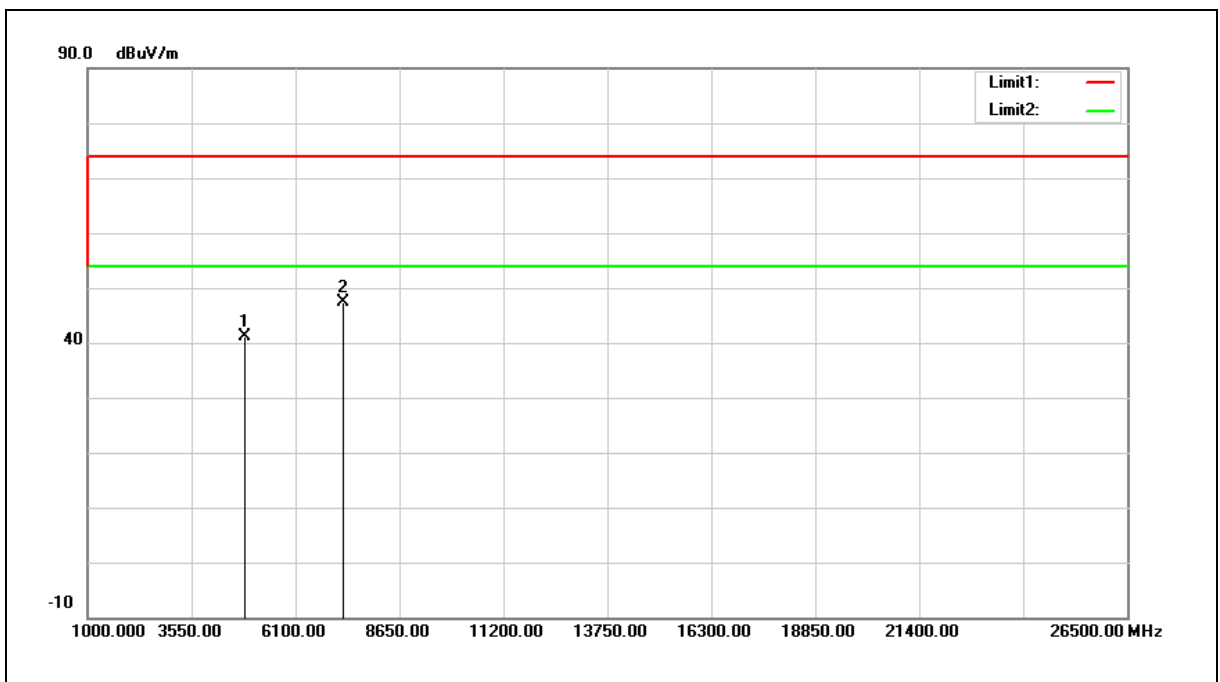
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	49.76	-8.35	41.41	74.00	-32.59	peak
2	7386.000	47.16	-0.38	46.78	74.00	-27.22	peak

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

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

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

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



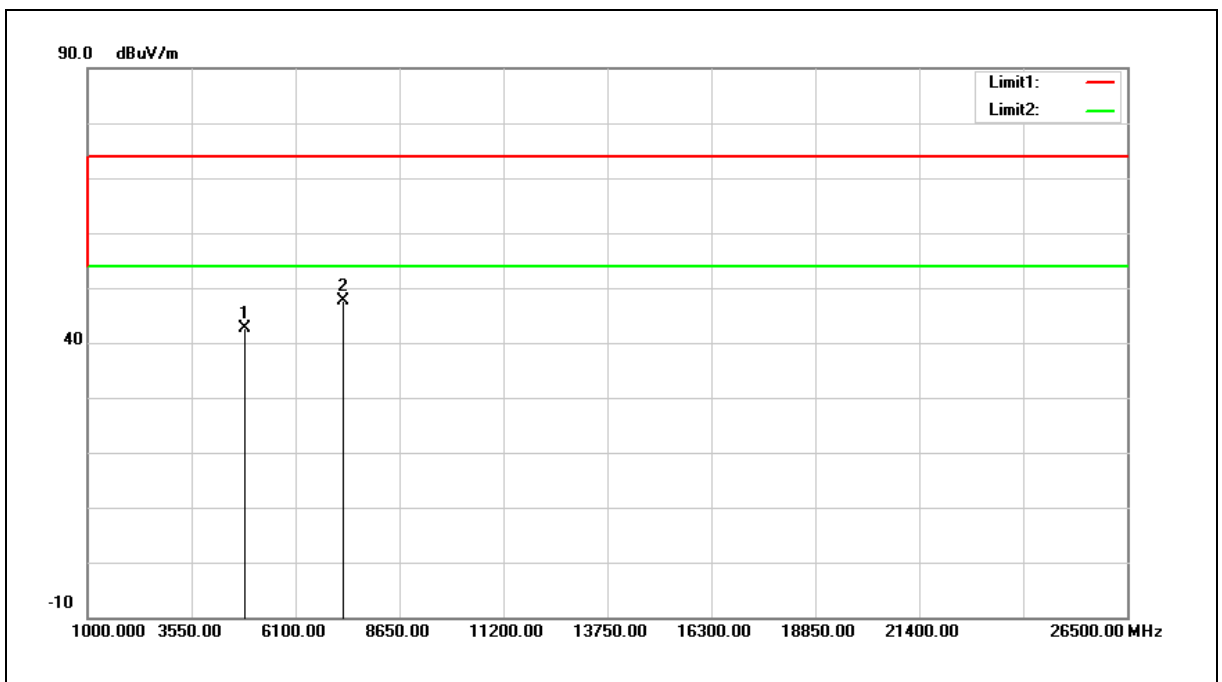
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	49.68	-8.55	41.13	74.00	-32.87	peak
2	7266.000	48.24	-0.92	47.32	74.00	-26.68	peak

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

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

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

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



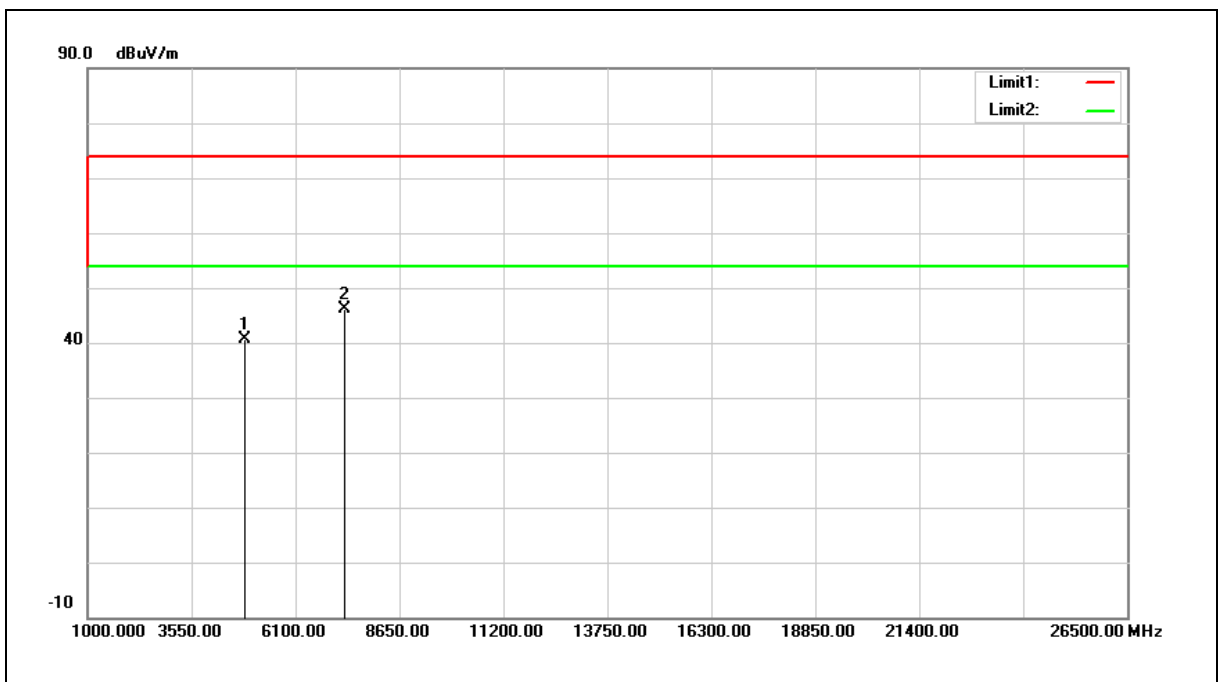
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	51.19	-8.55	42.64	74.00	-31.36	peak
2	7266.000	48.52	-0.92	47.60	74.00	-26.40	peak

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

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

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

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



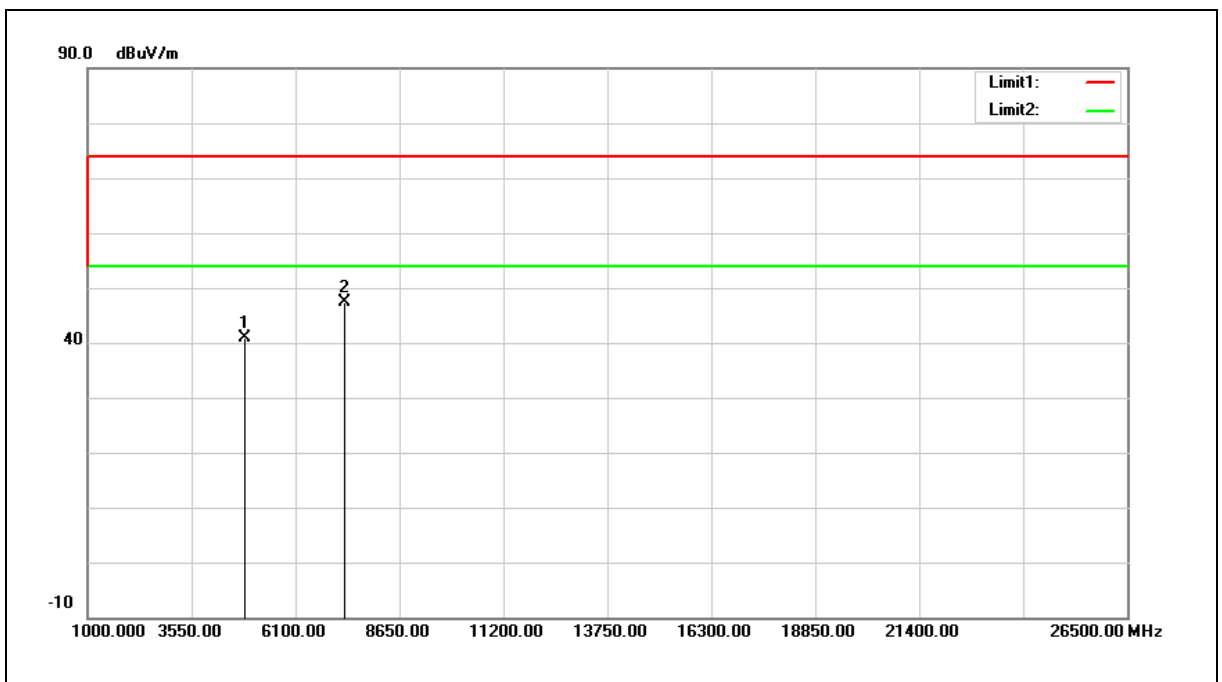
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	49.17	-8.48	40.69	74.00	-33.31	peak
2	7311.000	46.89	-0.73	46.16	74.00	-27.84	peak

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

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

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

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



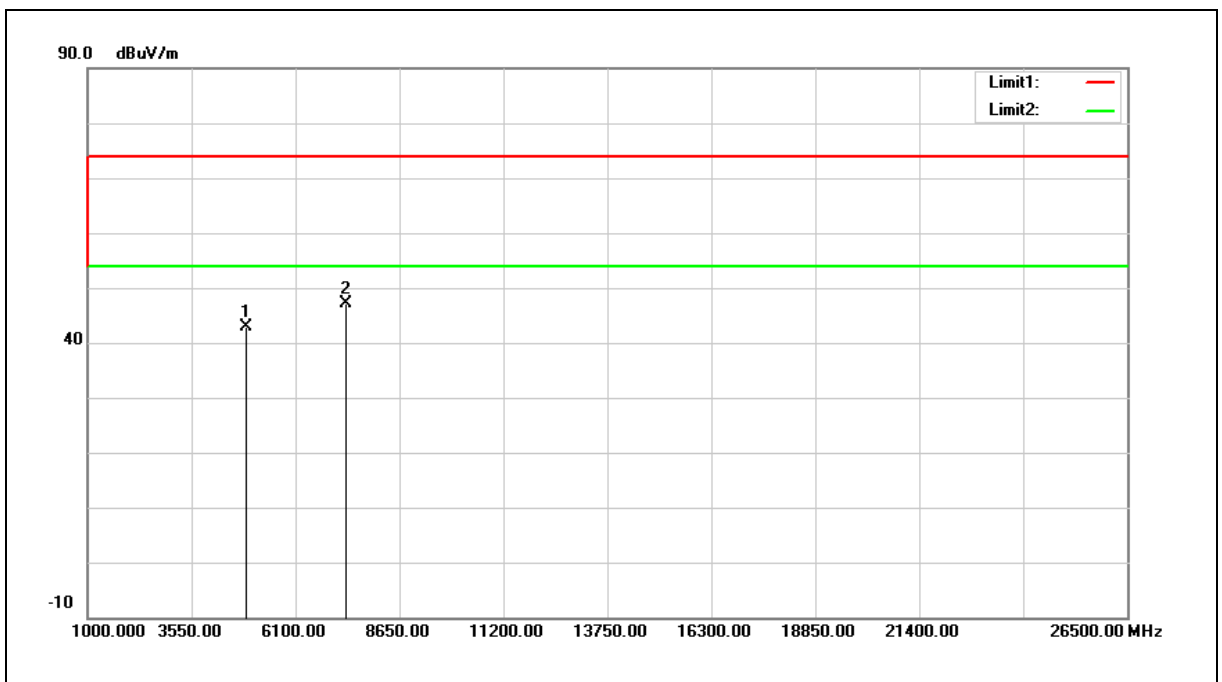
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	49.44	-8.48	40.96	74.00	-33.04	peak
2	7311.000	48.08	-0.73	47.35	74.00	-26.65	peak

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

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

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

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



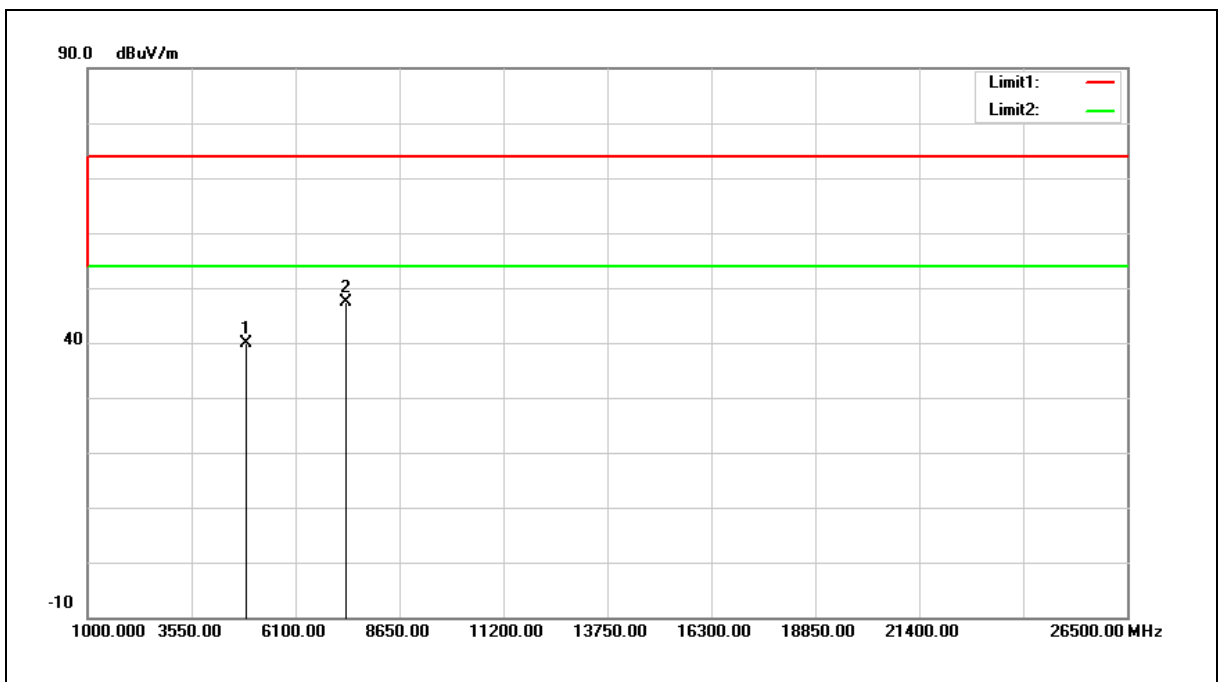
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	51.22	-8.40	42.82	74.00	-31.18	peak
2	7356.000	47.65	-0.52	47.13	74.00	-26.87	peak

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

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

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

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



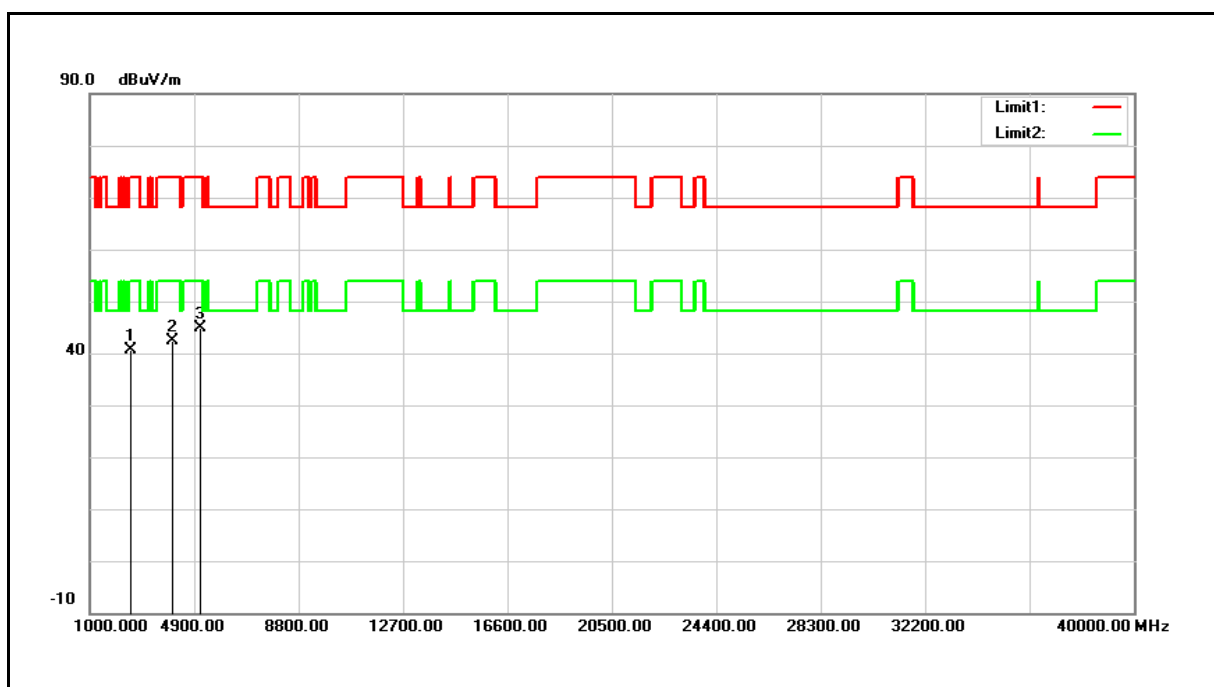
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	48.39	-8.40	39.99	74.00	-34.01	peak
2	7356.000	47.96	-0.52	47.44	74.00	-26.56	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Simultaneous Transmitting		
	(WLAN 2.4 + 5 GHz + Bluetooth)		
Ant.Polar.:	Horizontal		



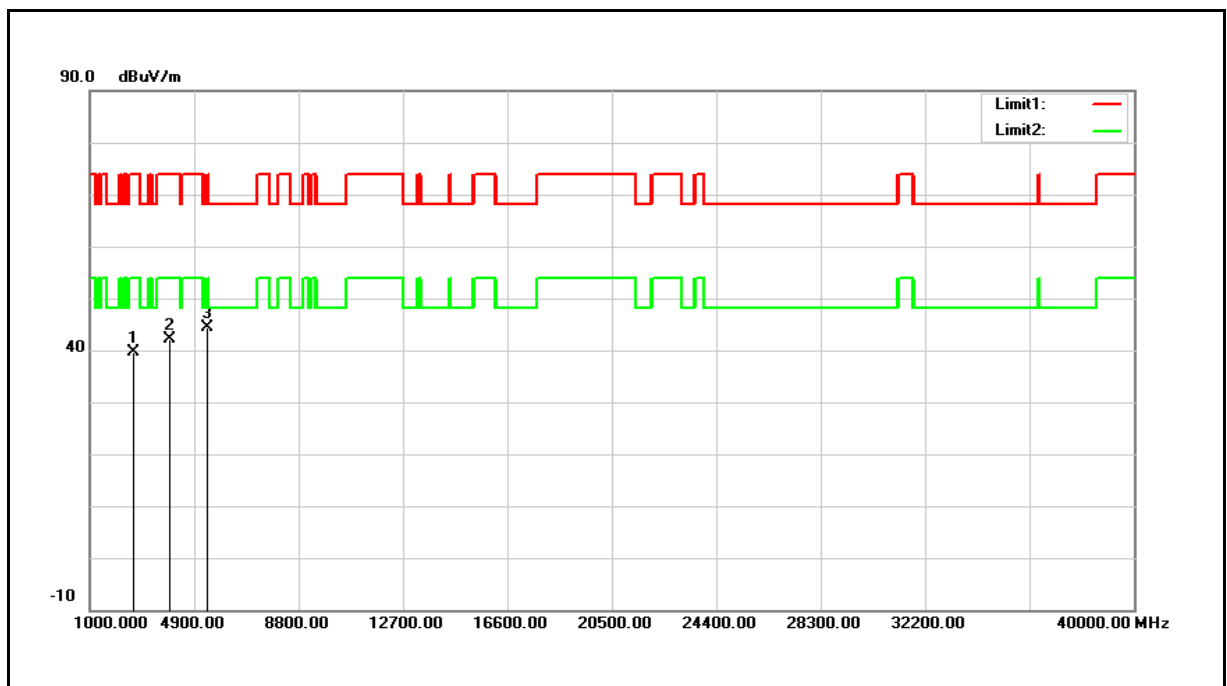
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2513.000	54.41	-13.88	40.53	74.00	-33.47	peak
2	4077.000	52.59	-10.11	42.48	74.00	-31.52	peak
3	5131.000	52.61	-7.74	44.87	74.00	-29.13	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Simultaneous Transmitting		
	(WLAN 2.4 + 5 GHz + Bluetooth)		
Ant.Polar.:	Vertical		



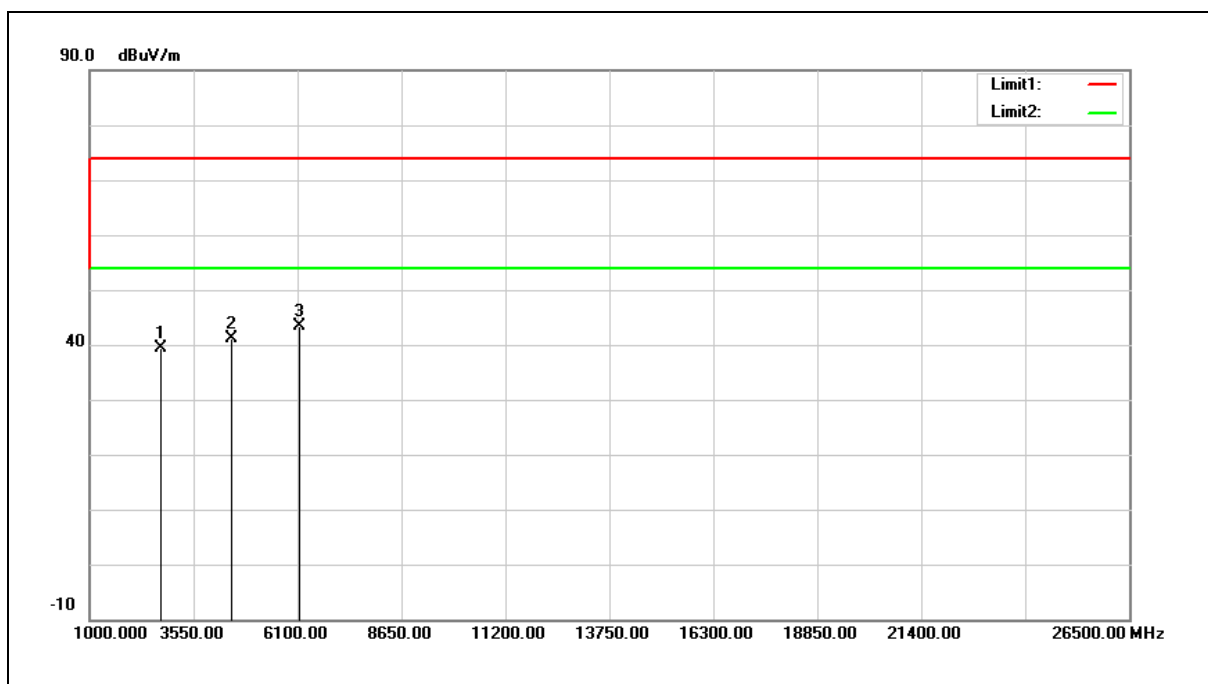
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2615.000	53.31	-13.59	39.72	74.00	-34.28	peak
2	4009.000	52.39	-10.21	42.18	74.00	-31.82	peak
3	5403.000	51.17	-6.91	44.26	74.00	-29.74	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 13		
Ant.Polar.:	Horizontal		
Description:			



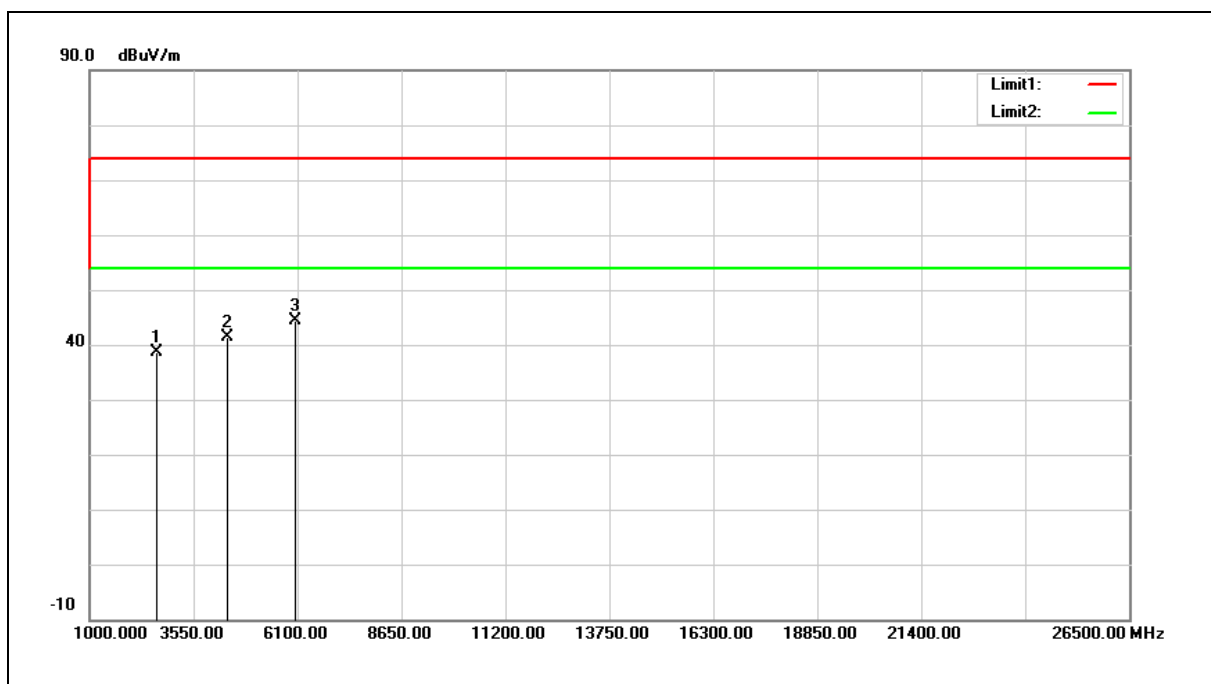
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	52.52	-13.22	39.30	74.00	-34.70	peak
2	4485.000	50.59	-9.48	41.11	74.00	-32.89	peak
3	6151.000	48.48	-5.00	43.48	74.00	-30.52	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 13		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2649.000	52.14	-13.50	38.64	74.00	-35.36	peak
2	4383.000	51.13	-9.64	41.49	74.00	-32.51	peak
3	6049.000	49.63	-5.34	44.29	74.00	-29.71	peak

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

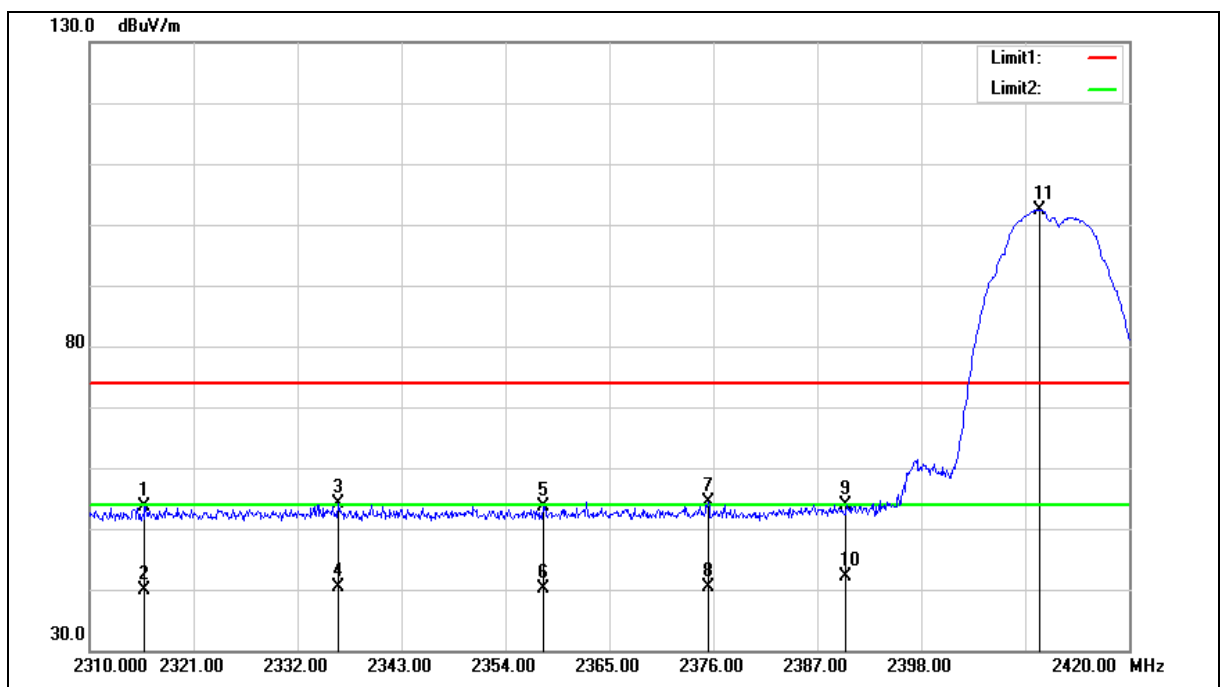
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

頻帶邊緣

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

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



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

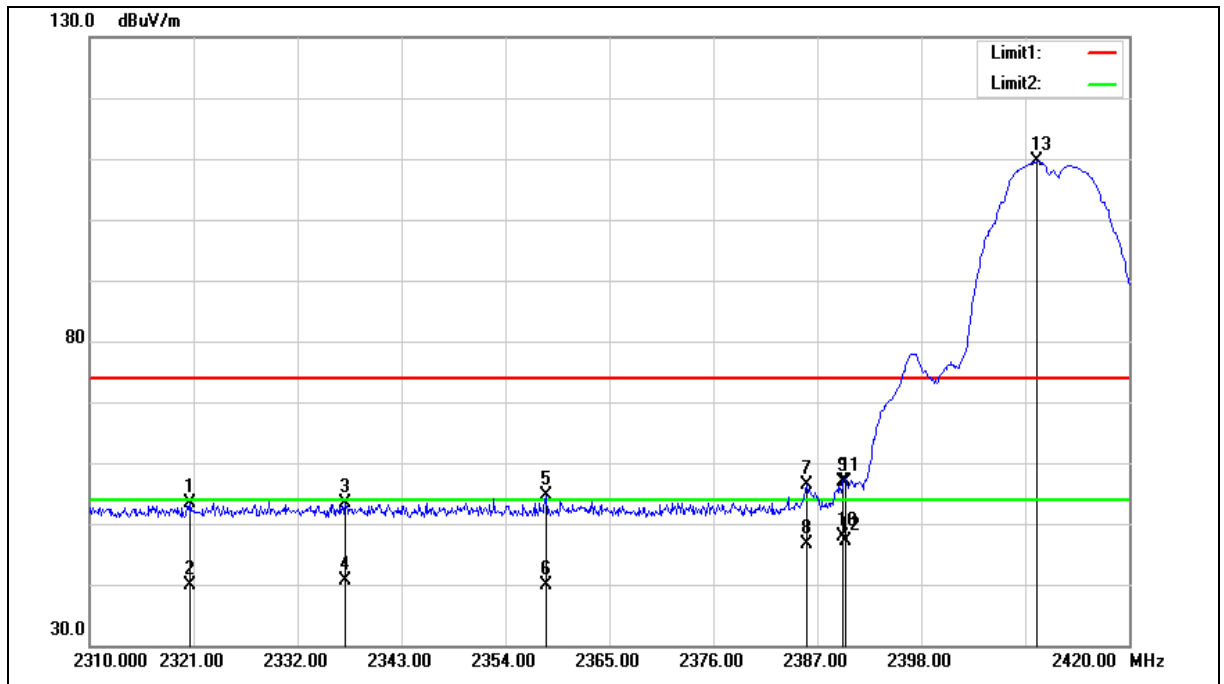
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2315.830	68.49	-14.87	53.62	74.00	-20.38	peak
2	2315.830	54.87	-14.87	40.00	54.00	-14.00	AVG
3	2336.290	68.82	-14.76	54.06	74.00	-19.94	peak
4	2336.290	55.03	-14.76	40.27	54.00	-13.73	AVG
5	2357.960	68.22	-14.64	53.58	74.00	-20.42	peak
6	2357.960	54.83	-14.64	40.19	54.00	-13.81	AVG
7	2375.450	68.96	-14.55	54.41	74.00	-19.59	peak
8	2375.450	54.93	-14.55	40.38	54.00	-13.62	AVG
9	2390.000	68.34	-14.48	53.86	74.00	-20.14	peak
10	2390.000	56.64	-14.48	42.16	54.00	-11.84	AVG
11	2410.540	116.87	-14.37	102.50	--	--	peak

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

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

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

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



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

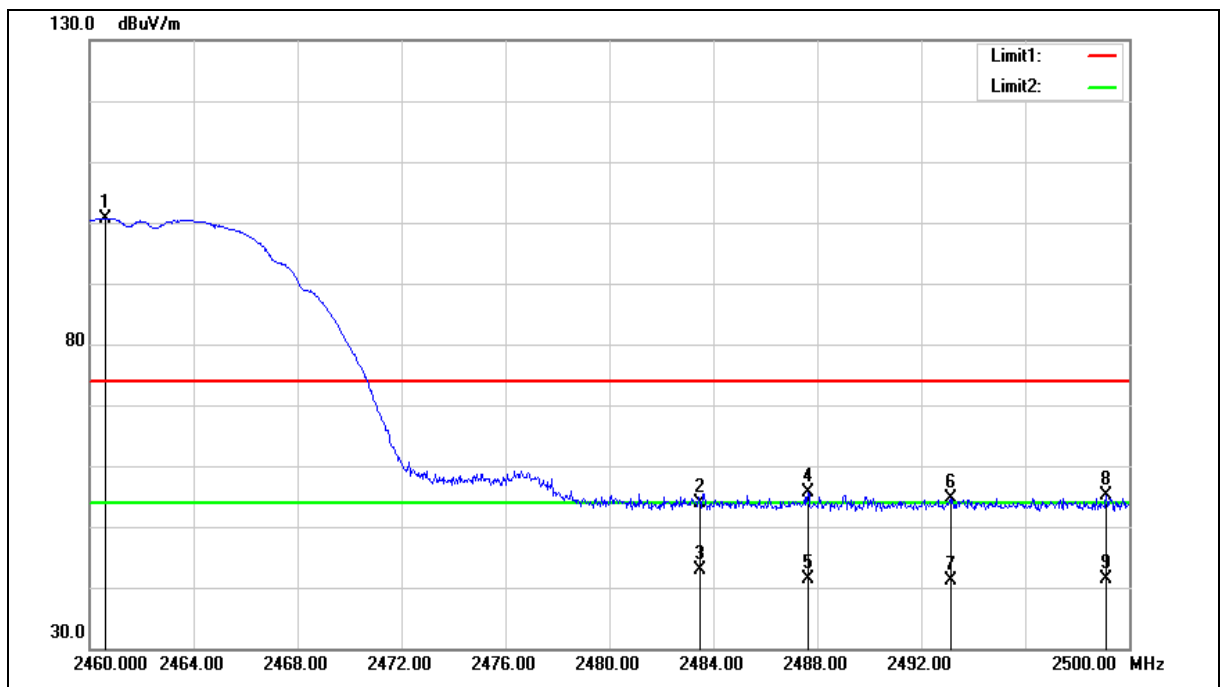
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2320.670	68.20	-14.84	53.36	74.00	-20.64	peak
2	2320.670	54.72	-14.84	39.88	54.00	-14.12	AVG
3	2337.060	68.24	-14.75	53.49	74.00	-20.51	peak
4	2337.060	55.37	-14.75	40.62	54.00	-13.38	AVG
5	2358.290	69.20	-14.64	54.56	74.00	-19.44	peak
6	2358.290	54.57	-14.64	39.93	54.00	-14.07	AVG
7	2385.900	70.88	-14.51	56.37	74.00	-17.63	peak
8	2385.900	61.02	-14.51	46.51	54.00	-7.49	AVG
9	2389.750	71.37	-14.48	56.89	74.00	-17.11	peak
10	2389.750	62.42	-14.48	47.94	54.00	-6.06	AVG
11	2390.000	71.34	-14.48	56.86	74.00	-17.14	peak
12	2390.000	61.70	-14.48	47.22	54.00	-6.78	AVG
13	2410.210	124.06	-14.38	109.68	--	--	peak

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

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

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

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



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

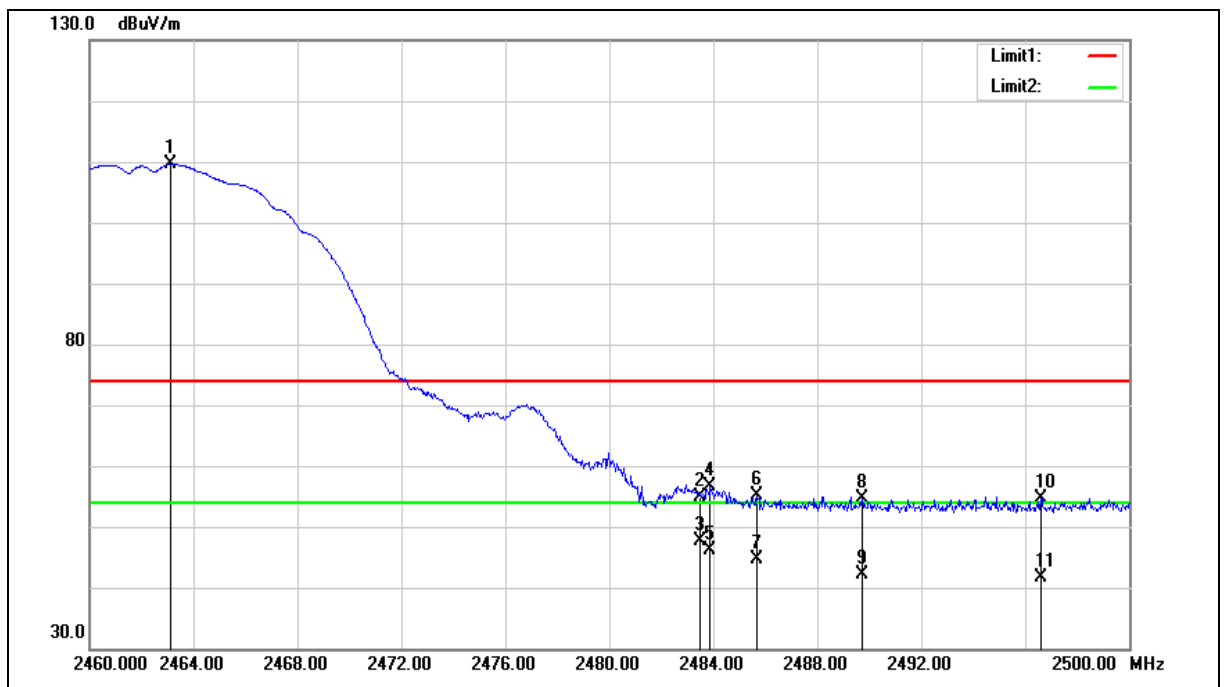
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.600	114.79	-14.12	100.67	--	--	peak
2	2483.500	67.89	-14.01	53.88	74.00	-20.12	peak
3	2483.500	56.78	-14.01	42.77	54.00	-11.23	AVG
4	2487.640	69.49	-13.98	55.51	74.00	-18.49	peak
5	2487.640	55.43	-13.98	41.45	54.00	-12.55	AVG
6	2493.120	68.48	-13.95	54.53	74.00	-19.47	peak
7	2493.120	55.08	-13.95	41.13	54.00	-12.87	AVG
8	2499.120	68.94	-13.92	55.02	74.00	-18.98	peak
9	2499.120	55.22	-13.92	41.30	54.00	-12.70	AVG

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

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

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

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



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

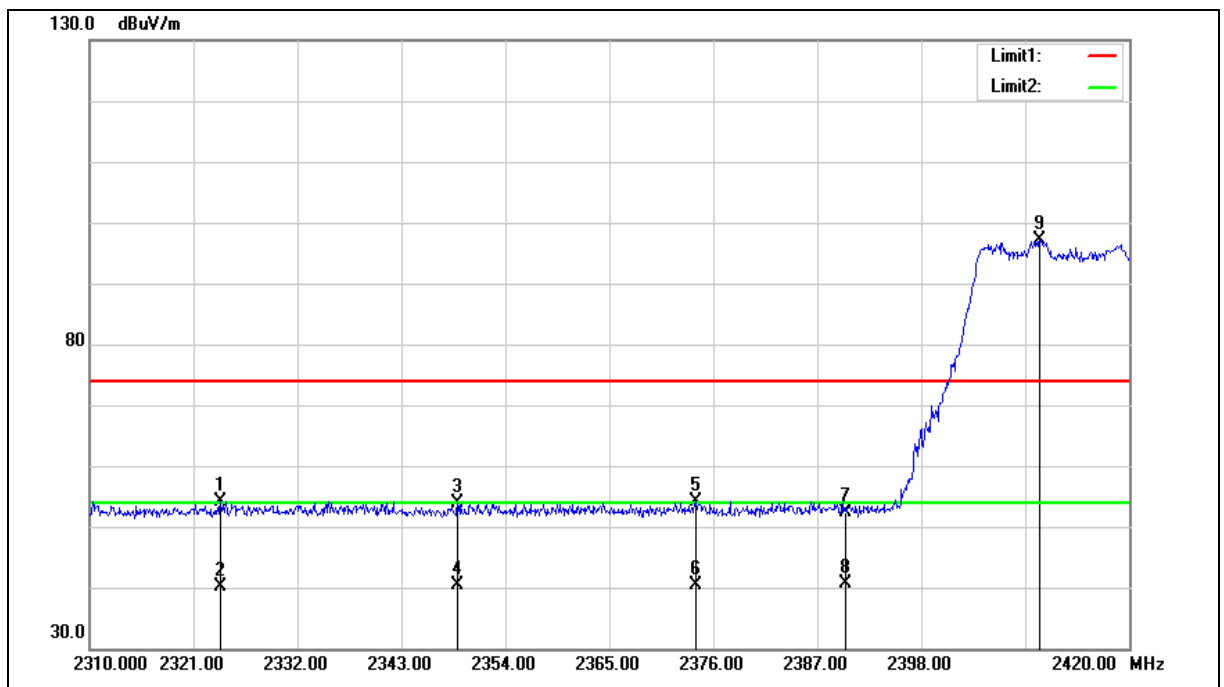
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.120	123.74	-14.11	109.63	--	--	peak
2	2483.500	68.85	-14.01	54.84	74.00	-19.16	peak
3	2483.500	61.74	-14.01	47.73	54.00	-6.27	AVG
4	2483.880	70.59	-14.00	56.59	74.00	-17.41	peak
5	2483.880	60.11	-14.00	46.11	54.00	-7.89	AVG
6	2485.680	69.04	-13.99	55.05	74.00	-18.95	peak
7	2485.680	58.57	-13.99	44.58	54.00	-9.42	AVG
8	2489.720	68.49	-13.97	54.52	74.00	-19.48	peak
9	2489.720	56.01	-13.97	42.04	54.00	-11.96	AVG
10	2496.600	68.62	-13.94	54.68	74.00	-19.32	peak
11	2496.600	55.49	-13.94	41.55	54.00	-12.45	AVG

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

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

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

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



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

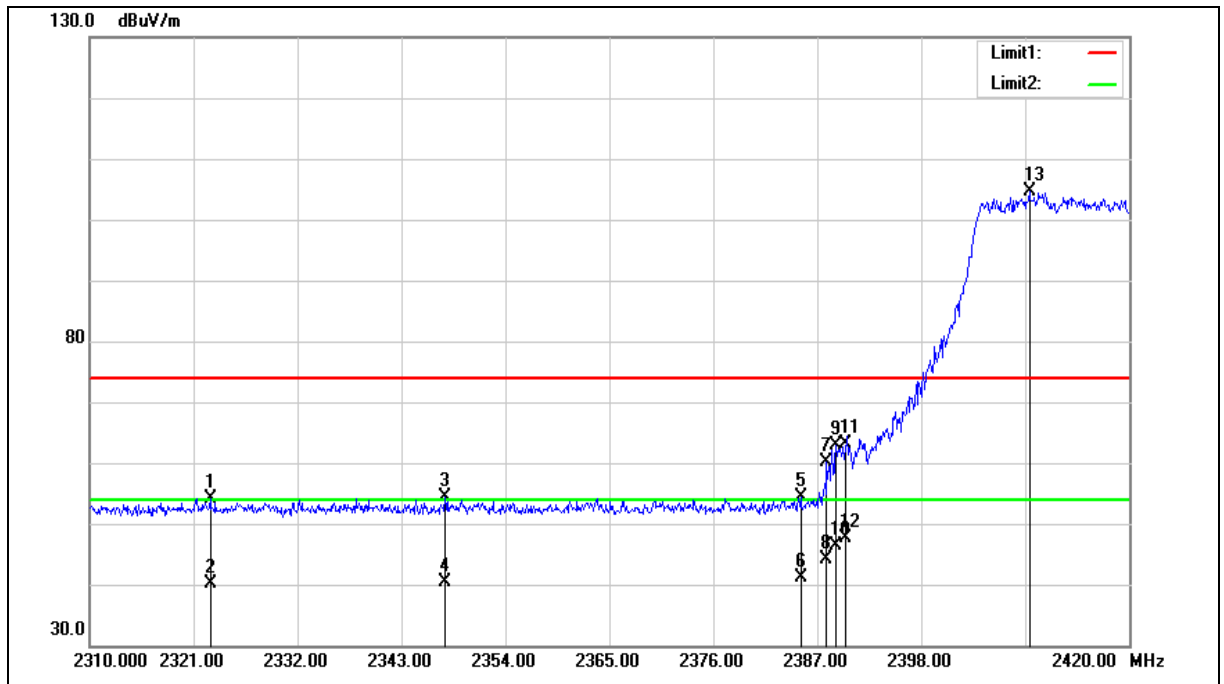
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2323.860	68.87	-14.82	54.05	74.00	-19.95	peak
2	2323.860	55.05	-14.82	40.23	54.00	-13.77	AVG
3	2348.940	68.53	-14.69	53.84	74.00	-20.16	peak
4	2348.940	55.02	-14.69	40.33	54.00	-13.67	AVG
5	2374.130	68.63	-14.57	54.06	74.00	-19.94	peak
6	2374.130	54.99	-14.57	40.42	54.00	-13.58	AVG
7	2390.000	66.91	-14.48	52.43	74.00	-21.57	peak
8	2390.000	55.09	-14.48	40.61	54.00	-13.39	AVG
9	2410.540	111.60	-14.37	97.23	--	--	peak

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

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

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

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



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

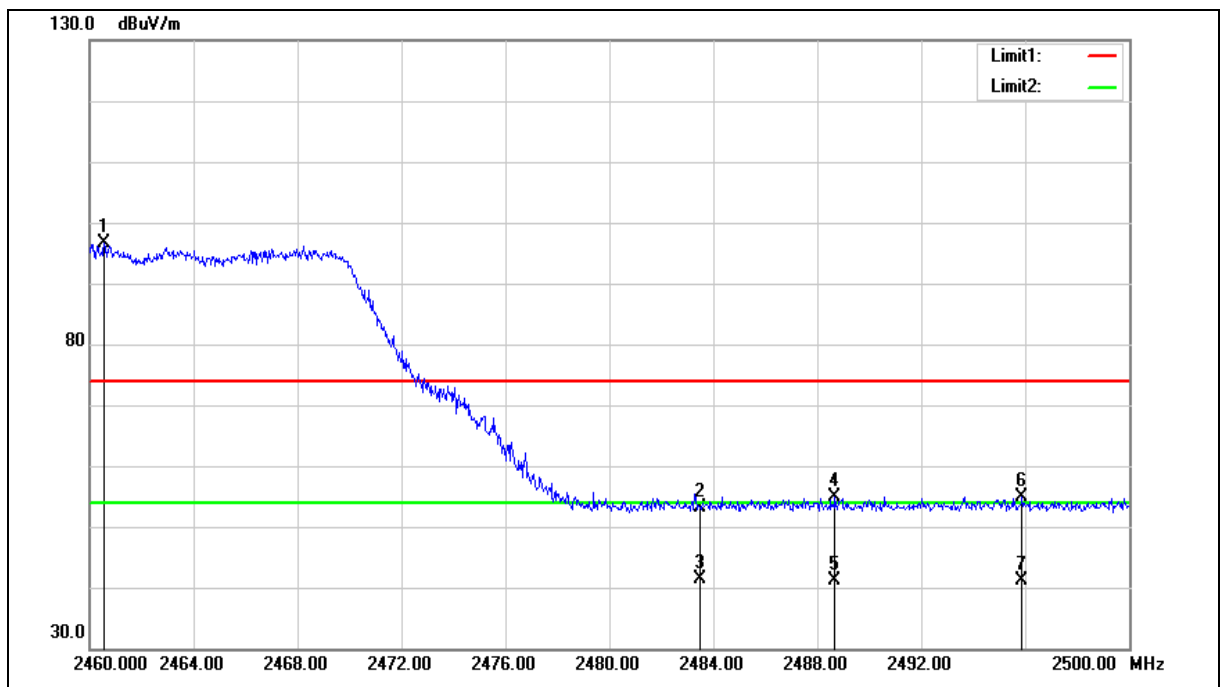
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2322.760	69.03	-14.82	54.21	74.00	-19.79	peak
2	2322.760	54.89	-14.82	40.07	54.00	-13.93	AVG
3	2347.620	69.09	-14.70	54.39	74.00	-19.61	peak
4	2347.620	54.98	-14.70	40.28	54.00	-13.72	AVG
5	2385.240	69.01	-14.51	54.50	74.00	-19.50	peak
6	2385.240	55.75	-14.51	41.24	54.00	-12.76	AVG
7	2387.990	74.73	-14.49	60.24	74.00	-13.76	peak
8	2387.990	58.73	-14.49	44.24	54.00	-9.76	AVG
9	2388.980	77.39	-14.49	62.90	74.00	-11.10	peak
10	2388.980	60.91	-14.49	46.42	54.00	-7.58	AVG
11	2390.000	77.52	-14.48	63.04	74.00	-10.96	peak
12	2390.000	62.22	-14.48	47.74	54.00	-6.26	AVG
13	2409.440	119.10	-14.39	104.71	--	--	peak

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

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

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

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



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

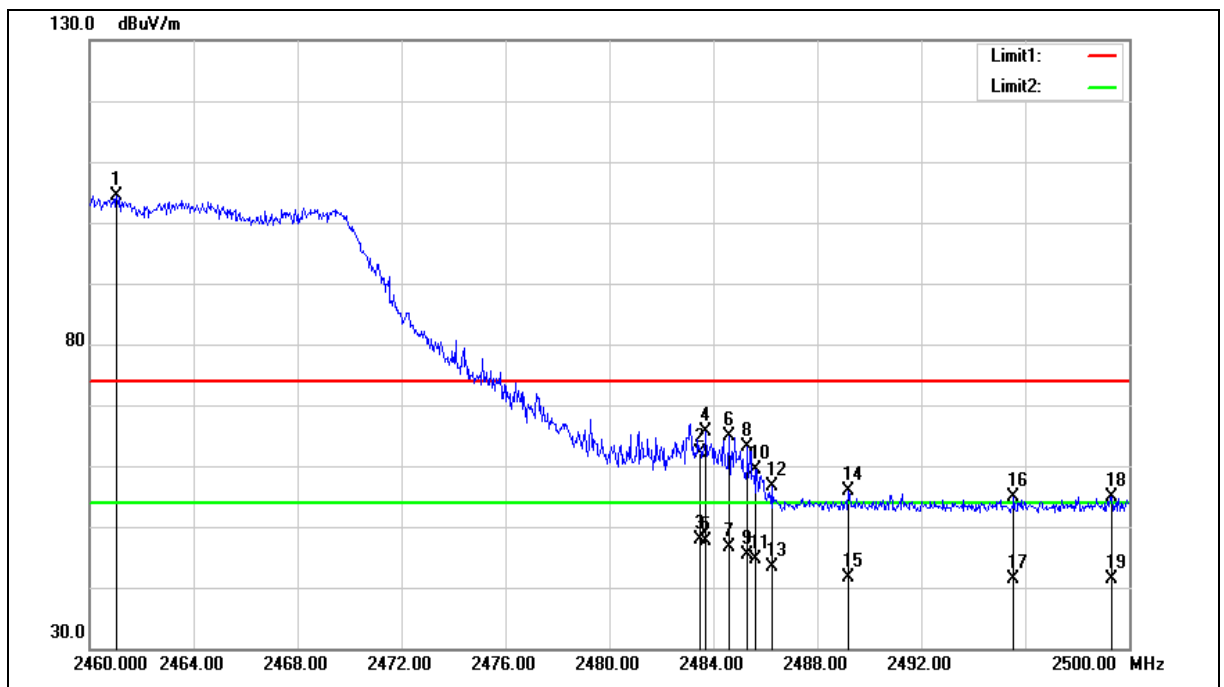
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.560	110.63	-14.12	96.51	--	--	peak
2	2483.500	67.13	-14.01	53.12	74.00	-20.88	peak
3	2483.500	55.27	-14.01	41.26	54.00	-12.74	AVG
4	2488.680	68.79	-13.98	54.81	74.00	-19.19	peak
5	2488.680	55.15	-13.98	41.17	54.00	-12.83	AVG
6	2495.880	68.84	-13.94	54.90	74.00	-19.10	peak
7	2495.880	55.04	-13.94	41.10	54.00	-12.90	AVG

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

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

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

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



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

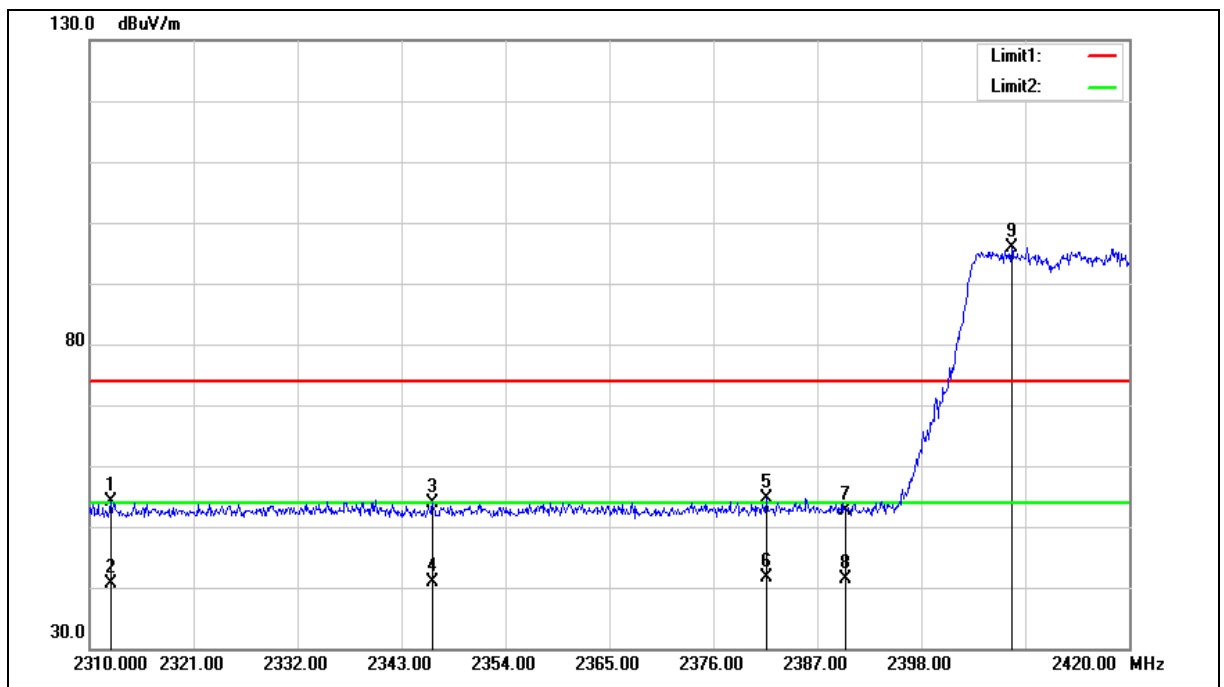
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2461.040	118.60	-14.12	104.48	--	--	peak
2	2483.500	76.07	-14.01	62.06	74.00	-11.94	peak
3	2483.500	61.92	-14.01	47.91	54.00	-6.09	AVG
4	2483.720	79.61	-14.01	65.60	74.00	-8.40	peak
5	2483.720	61.57	-14.01	47.56	54.00	-6.44	AVG
6	2484.600	78.97	-14.00	64.97	74.00	-9.03	peak
7	2484.600	60.58	-14.00	46.58	54.00	-7.42	AVG
8	2485.320	77.21	-14.00	63.21	74.00	-10.79	peak
9	2485.320	59.33	-14.00	45.33	54.00	-8.67	AVG
10	2485.640	73.49	-13.99	59.50	74.00	-14.50	peak
11	2485.640	58.64	-13.99	44.65	54.00	-9.35	AVG
12	2486.240	70.64	-13.99	56.65	74.00	-17.35	peak
13	2486.240	57.32	-13.99	43.33	54.00	-10.67	AVG
14	2489.200	69.75	-13.98	55.77	74.00	-18.23	peak
15	2489.200	55.67	-13.98	41.69	54.00	-12.31	AVG
16	2495.560	68.74	-13.95	54.79	74.00	-19.21	peak
17	2495.560	55.29	-13.95	41.34	54.00	-12.66	AVG
18	2499.320	68.89	-13.92	54.97	74.00	-19.03	peak
19	2499.320	55.21	-13.92	41.29	54.00	-12.71	AVG

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

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

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

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



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

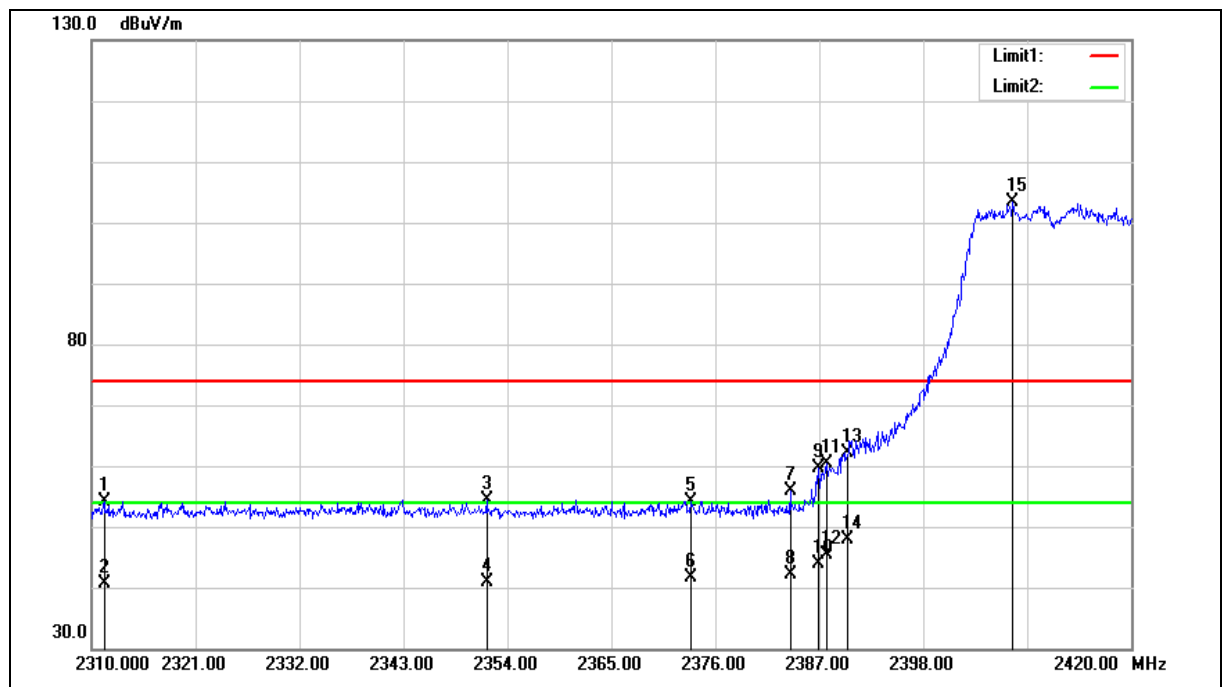
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2312.200	68.91	-14.88	54.03	74.00	-19.97	peak
2	2312.200	55.63	-14.88	40.75	54.00	-13.25	AVG
3	2346.300	68.62	-14.70	53.92	74.00	-20.08	peak
4	2346.300	55.69	-14.70	40.99	54.00	-13.01	AVG
5	2381.610	69.24	-14.52	54.72	74.00	-19.28	peak
6	2381.610	56.09	-14.52	41.57	54.00	-12.43	AVG
7	2390.000	67.14	-14.48	52.66	74.00	-21.34	peak
8	2390.000	55.85	-14.48	41.37	54.00	-12.63	AVG
9	2407.570	110.33	-14.39	95.94	--	--	peak

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

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

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

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



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

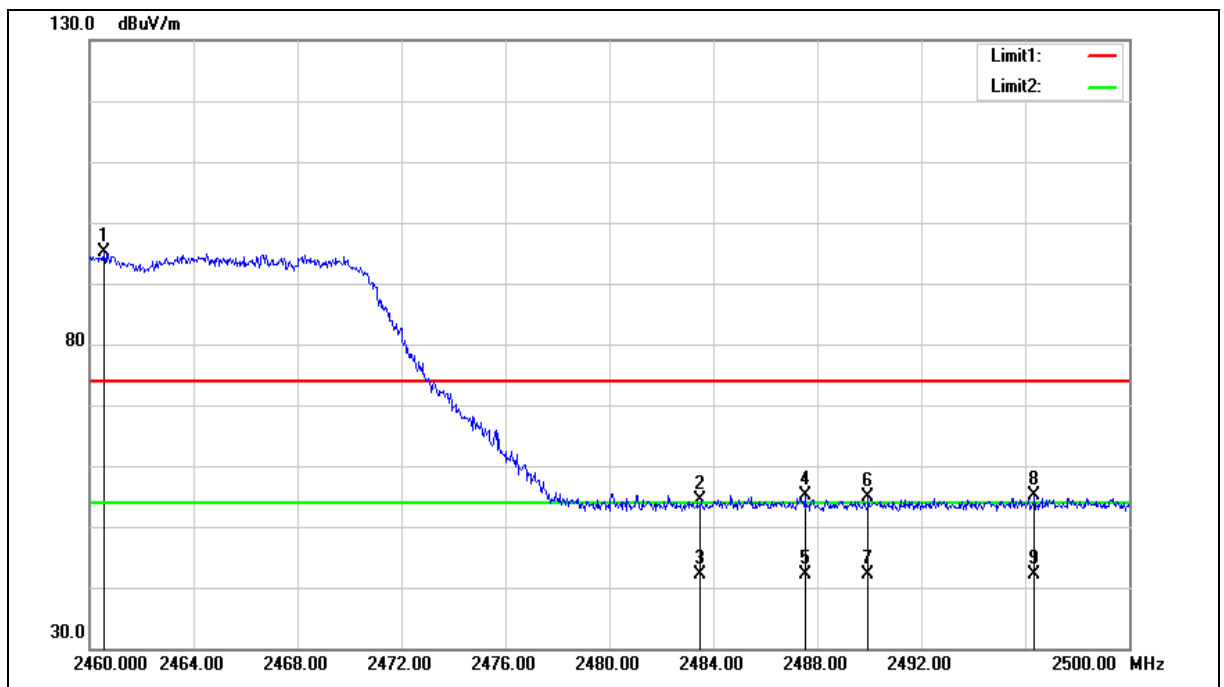
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2311.320	69.04	-14.88	54.16	74.00	-19.84	peak
2	2311.320	55.59	-14.88	40.71	54.00	-13.29	AVG
3	2351.800	68.95	-14.67	54.28	74.00	-19.72	peak
4	2351.800	55.65	-14.67	40.98	54.00	-13.02	AVG
5	2373.360	68.80	-14.57	54.23	74.00	-19.77	peak
6	2373.360	56.13	-14.57	41.56	54.00	-12.44	AVG
7	2383.920	70.36	-14.51	55.85	74.00	-18.15	peak
8	2383.920	56.58	-14.51	42.07	54.00	-11.93	AVG
9	2386.890	74.20	-14.49	59.71	74.00	-14.29	peak
10	2386.890	58.35	-14.49	43.86	54.00	-10.14	AVG
11	2387.770	74.81	-14.49	60.32	74.00	-13.68	peak
12	2387.770	59.79	-14.49	45.30	54.00	-8.70	AVG
13	2390.000	76.55	-14.48	62.07	74.00	-11.93	peak
14	2390.000	62.31	-14.48	47.83	54.00	-6.17	AVG
15	2407.460	117.74	-14.39	103.35	--	--	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:	Band edge		
Frequency:	2462 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



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

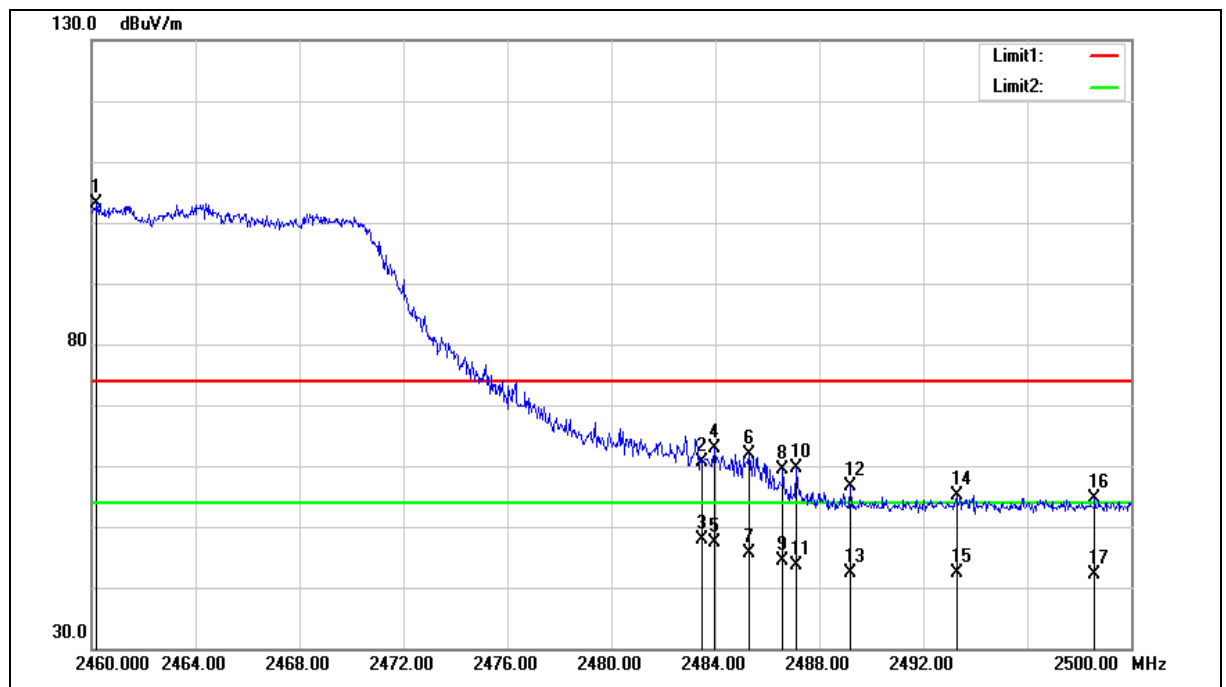
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.560	109.27	-14.12	95.15	--	--	peak
2	2483.500	68.48	-14.01	54.47	74.00	-19.53	peak
3	2483.500	56.09	-14.01	42.08	54.00	-11.92	AVG
4	2487.520	69.16	-13.98	55.18	74.00	-18.82	peak
5	2487.520	56.12	-13.98	42.14	54.00	-11.86	AVG
6	2489.960	68.92	-13.97	54.95	74.00	-19.05	peak
7	2489.960	56.06	-13.97	42.09	54.00	-11.91	AVG
8	2496.360	68.99	-13.94	55.05	74.00	-18.95	peak
9	2496.360	56.11	-13.94	42.17	54.00	-11.83	AVG

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

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

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

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



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

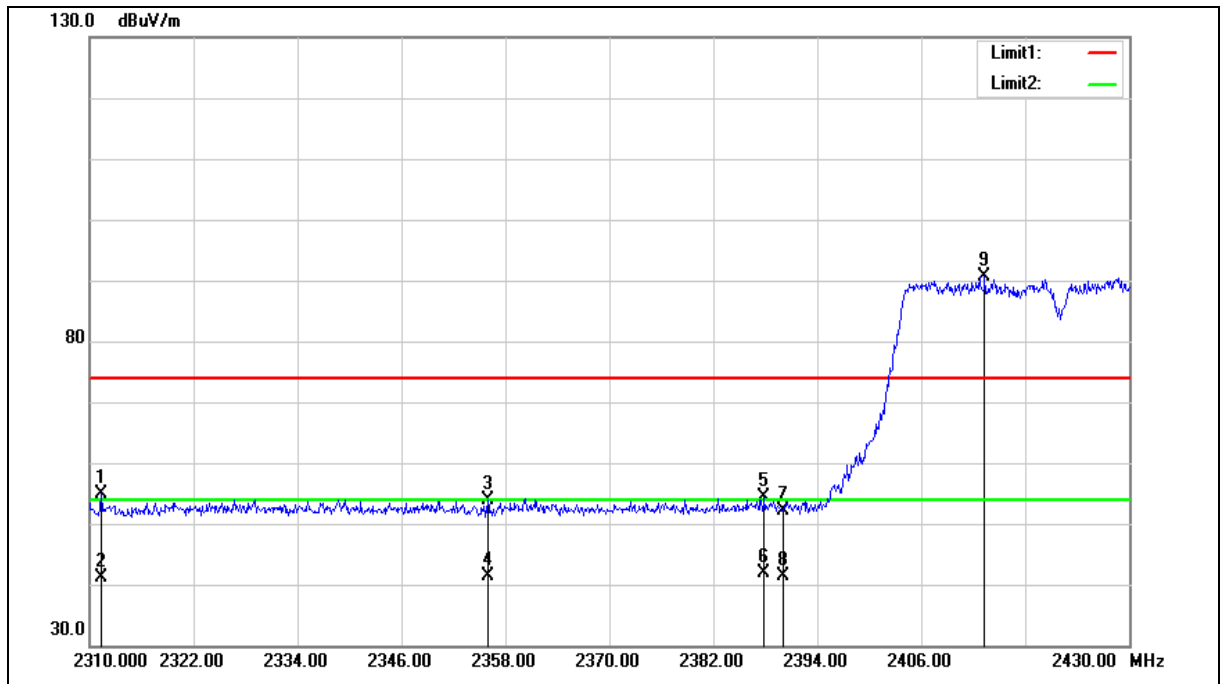
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.200	117.17	-14.13	103.04	--	--	peak
2	2483.500	74.73	-14.01	60.72	74.00	-13.28	peak
3	2483.500	61.94	-14.01	47.93	54.00	-6.07	AVG
4	2483.960	76.99	-14.00	62.99	74.00	-11.01	peak
5	2483.960	61.44	-14.00	47.44	54.00	-6.56	AVG
6	2485.320	75.96	-14.00	61.96	74.00	-12.04	peak
7	2485.320	59.71	-14.00	45.71	54.00	-8.29	AVG
8	2486.600	73.31	-13.99	59.32	74.00	-14.68	peak
9	2486.600	58.40	-13.99	44.41	54.00	-9.59	AVG
10	2487.120	73.55	-13.98	59.57	74.00	-14.43	peak
11	2487.120	57.65	-13.98	43.67	54.00	-10.33	AVG
12	2489.200	70.58	-13.98	56.60	74.00	-17.40	peak
13	2489.200	56.40	-13.98	42.42	54.00	-11.58	AVG
14	2493.280	69.08	-13.95	55.13	74.00	-18.87	peak
15	2493.280	56.24	-13.95	42.29	54.00	-11.71	AVG
16	2498.600	68.51	-13.92	54.59	74.00	-19.41	peak
17	2498.600	56.08	-13.92	42.16	54.00	-11.84	AVG

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

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

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

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



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

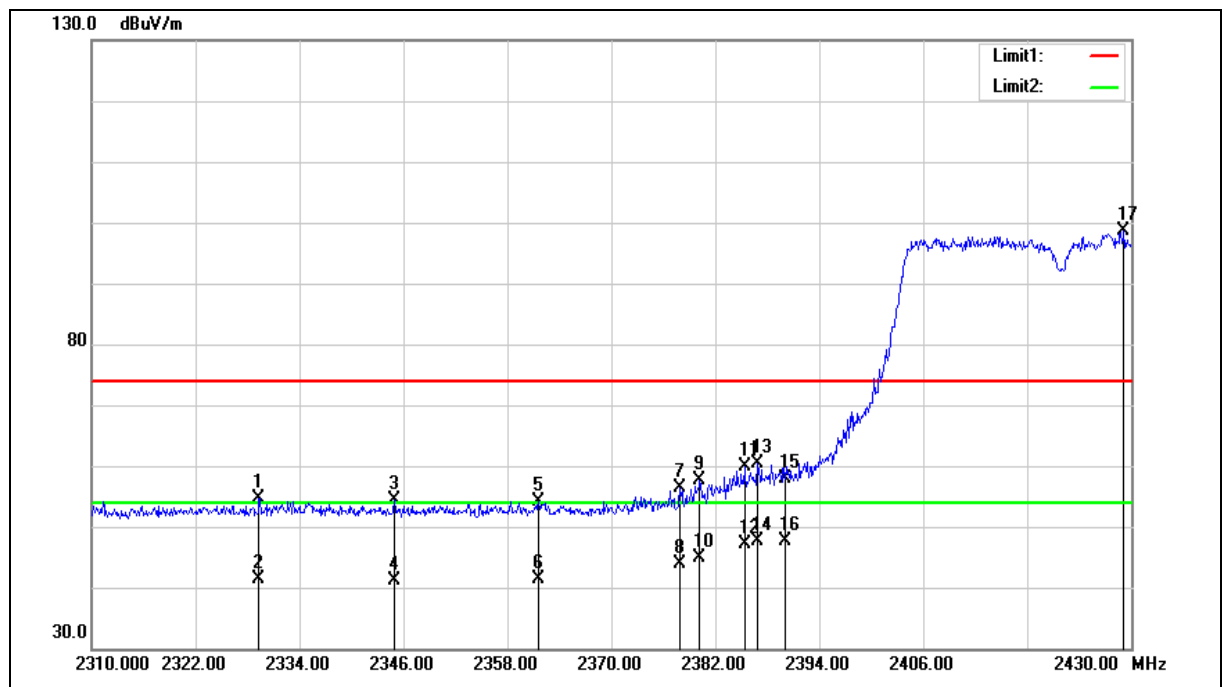
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2311.320	69.78	-14.88	54.90	74.00	-19.10	peak
2	2311.320	56.01	-14.88	41.13	54.00	-12.87	AVG
3	2355.960	68.49	-14.66	53.83	74.00	-20.17	peak
4	2355.960	55.93	-14.66	41.27	54.00	-12.73	AVG
5	2387.880	68.75	-14.49	54.26	74.00	-19.74	peak
6	2387.880	56.36	-14.49	41.87	54.00	-12.13	AVG
7	2390.000	66.64	-14.48	52.16	74.00	-21.84	peak
8	2390.000	55.98	-14.48	41.50	54.00	-12.50	AVG
9	2413.320	104.98	-14.36	90.62	--	--	peak

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

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

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

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



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

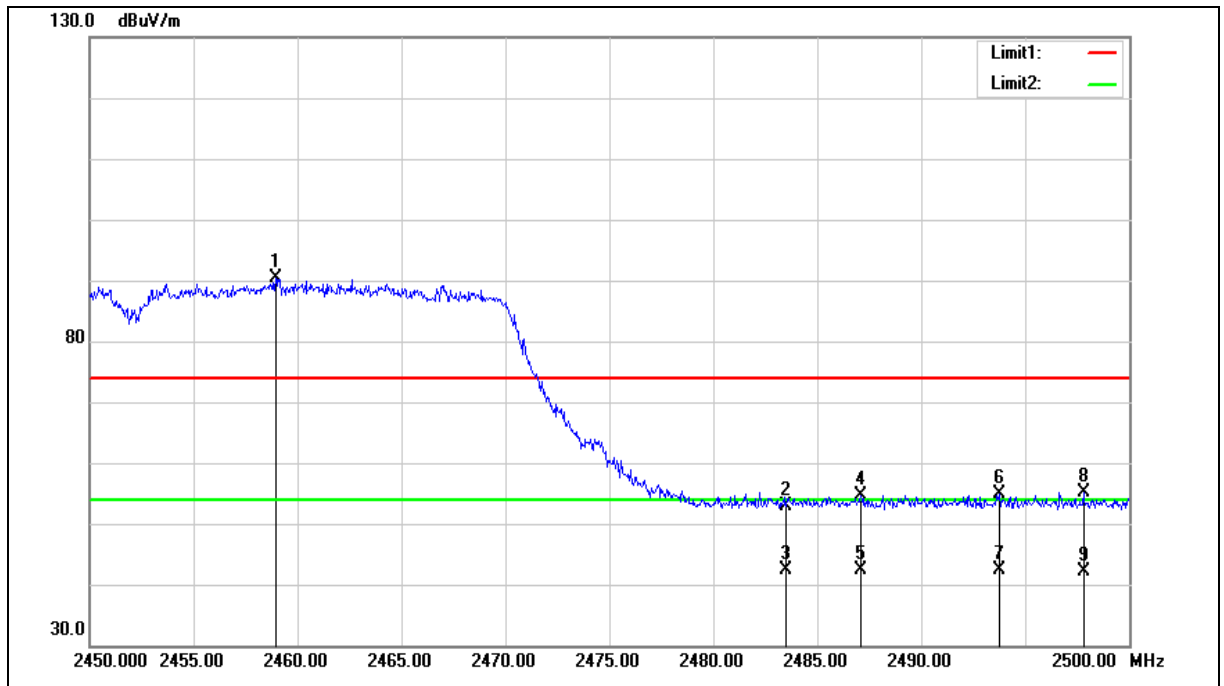
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2329.320	69.44	-14.79	54.65	74.00	-19.35	peak
2	2329.320	56.25	-14.79	41.46	54.00	-12.54	AVG
3	2344.920	68.98	-14.72	54.26	74.00	-19.74	peak
4	2344.920	55.94	-14.72	41.22	54.00	-12.78	AVG
5	2361.600	68.73	-14.63	54.10	74.00	-19.90	peak
6	2361.600	56.07	-14.63	41.44	54.00	-12.56	AVG
7	2377.920	71.00	-14.55	56.45	74.00	-17.55	peak
8	2377.920	58.34	-14.55	43.79	54.00	-10.21	AVG
9	2380.200	72.10	-14.54	57.56	74.00	-16.44	peak
10	2380.200	59.44	-14.54	44.90	54.00	-9.10	AVG
11	2385.360	74.33	-14.51	59.82	74.00	-14.18	peak
12	2385.360	61.71	-14.51	47.20	54.00	-6.80	AVG
13	2386.800	74.77	-14.49	60.28	74.00	-13.72	peak
14	2386.800	62.06	-14.49	47.57	54.00	-6.43	AVG
15	2390.000	72.38	-14.48	57.90	74.00	-16.10	peak
16	2390.000	62.22	-14.48	47.74	54.00	-6.26	AVG
17	2429.160	112.98	-14.28	98.70	--	--	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:	Band edge		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



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

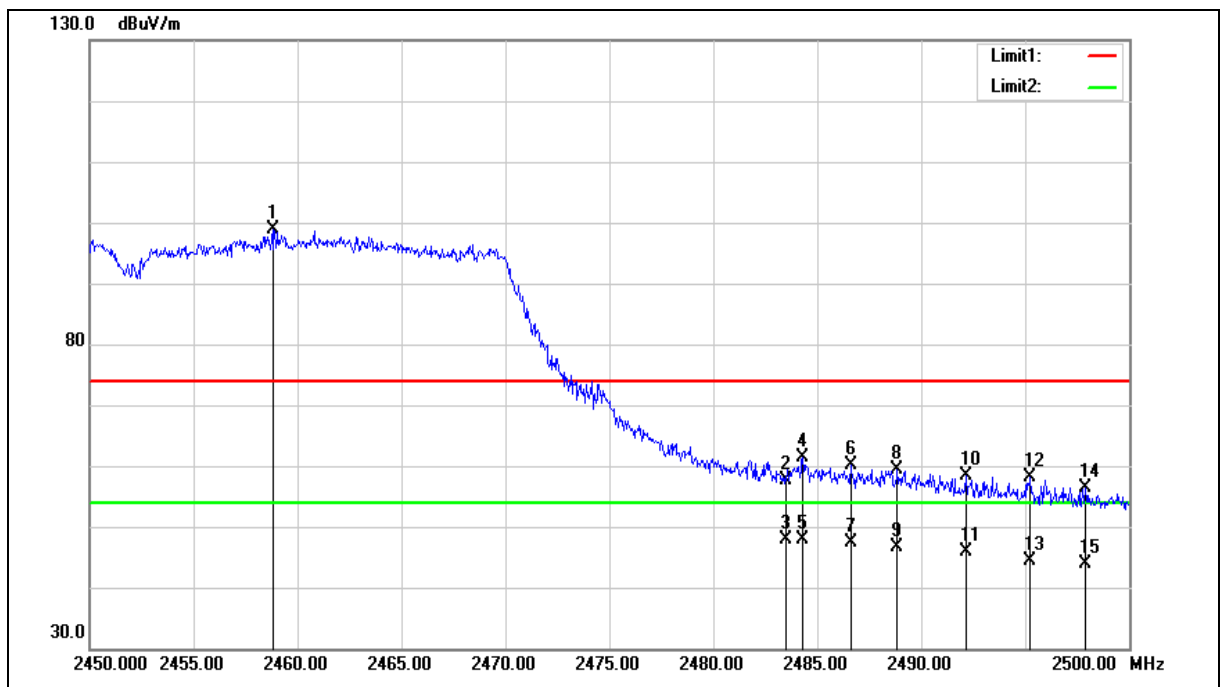
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2458.950	104.46	-14.13	90.33	--	--	peak
2	2483.500	67.00	-14.01	52.99	74.00	-21.01	peak
3	2483.500	56.47	-14.01	42.46	54.00	-11.54	AVG
4	2487.100	68.61	-13.98	54.63	74.00	-19.37	peak
5	2487.100	56.33	-13.98	42.35	54.00	-11.65	AVG
6	2493.750	68.86	-13.95	54.91	74.00	-19.09	peak
7	2493.750	56.37	-13.95	42.42	54.00	-11.58	AVG
8	2497.800	68.96	-13.93	55.03	74.00	-18.97	peak
9	2497.800	56.07	-13.93	42.14	54.00	-11.86	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:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2458.800	112.92	-14.13	98.79	--	--	peak
2	2483.500	71.69	-14.01	57.68	74.00	-16.32	peak
3	2483.500	61.91	-14.01	47.90	54.00	-6.10	AVG
4	2484.300	75.29	-14.00	61.29	74.00	-12.71	peak
5	2484.300	61.77	-14.00	47.77	54.00	-6.23	AVG
6	2486.600	74.00	-13.99	60.01	74.00	-13.99	peak
7	2486.600	61.42	-13.99	47.43	54.00	-6.57	AVG
8	2488.850	73.31	-13.98	59.33	74.00	-14.67	peak
9	2488.850	60.71	-13.98	46.73	54.00	-7.27	AVG
10	2492.150	72.42	-13.96	58.46	74.00	-15.54	peak
11	2492.150	59.86	-13.96	45.90	54.00	-8.10	AVG
12	2495.250	72.07	-13.95	58.12	74.00	-15.88	peak
13	2495.250	58.29	-13.95	44.34	54.00	-9.66	AVG
14	2497.900	70.31	-13.93	56.38	74.00	-17.62	peak
15	2497.900	57.91	-13.93	43.98	54.00	-10.02	AVG

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

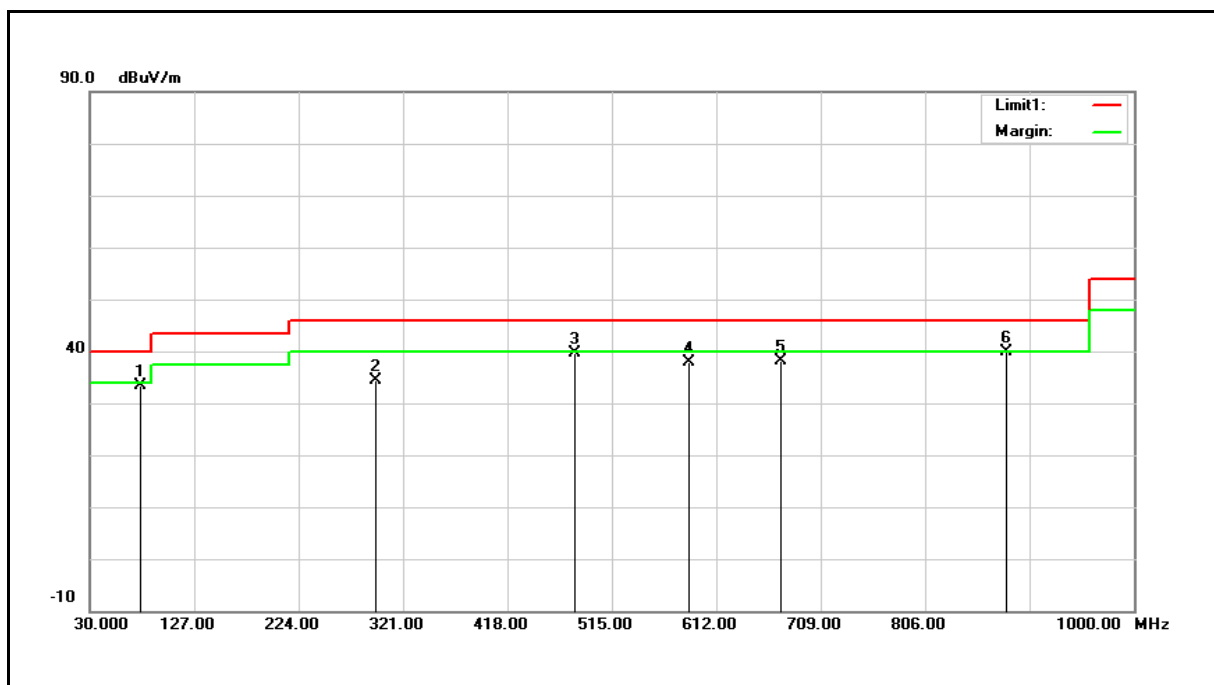
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

With Display

其它不必要之訊號 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	77.5300	43.77	-10.34	33.43	40.00	-6.57	QP
2	295.7800	38.80	-4.30	34.50	46.00	-11.50	QP
3	480.0800	40.00	-0.36	39.64	46.00	-6.36	QP
4	586.7800	35.67	2.11	37.78	46.00	-8.22	QP
5	672.1400	34.86	3.37	38.23	46.00	-7.77	QP
6	881.6600	32.54	7.24	39.78	46.00	-6.22	QP

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

Example: $33.43 = -10.34 + 43.77$

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

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

晶復科技股份有限公司

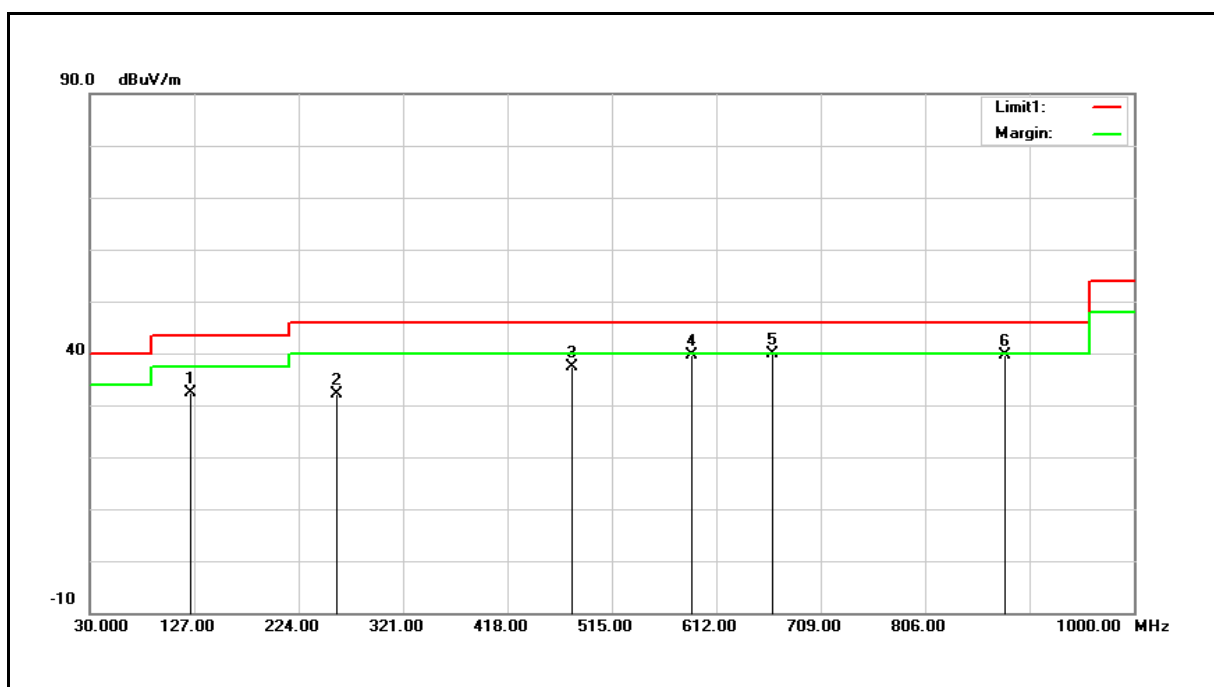
A Test Lab Techno Corp.

Report Number: 2008DR17

Rev.01

Date of Issue: Aug. 18, 2020

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	124.0900	40.45	-7.99	32.46	43.50	-11.04	QP
2	259.8900	37.63	-5.57	32.06	46.00	-13.94	QP
3	478.1400	37.83	-0.39	37.44	46.00	-8.56	QP
4	588.7200	37.38	2.17	39.55	46.00	-6.45	QP
5	664.3800	36.74	3.21	39.95	46.00	-6.05	QP
6	880.6900	32.37	7.23	39.60	46.00	-6.40	QP

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

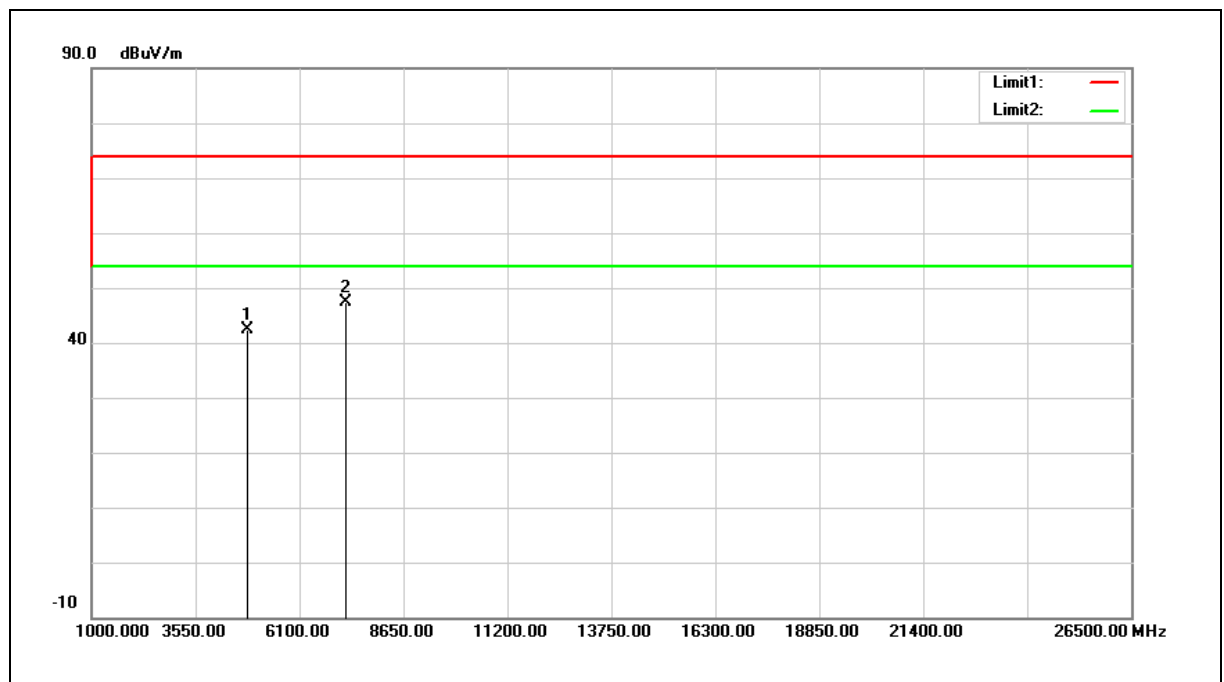
Example: $32.46 = -7.99 + 40.45$

2.Correction factor (dB/m) = Antenna Factor (dB/m) + 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:	2412 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	51.10	-8.61	42.49	74.00	-31.51	peak
2	7236.000	48.39	-1.06	47.33	74.00	-26.67	peak

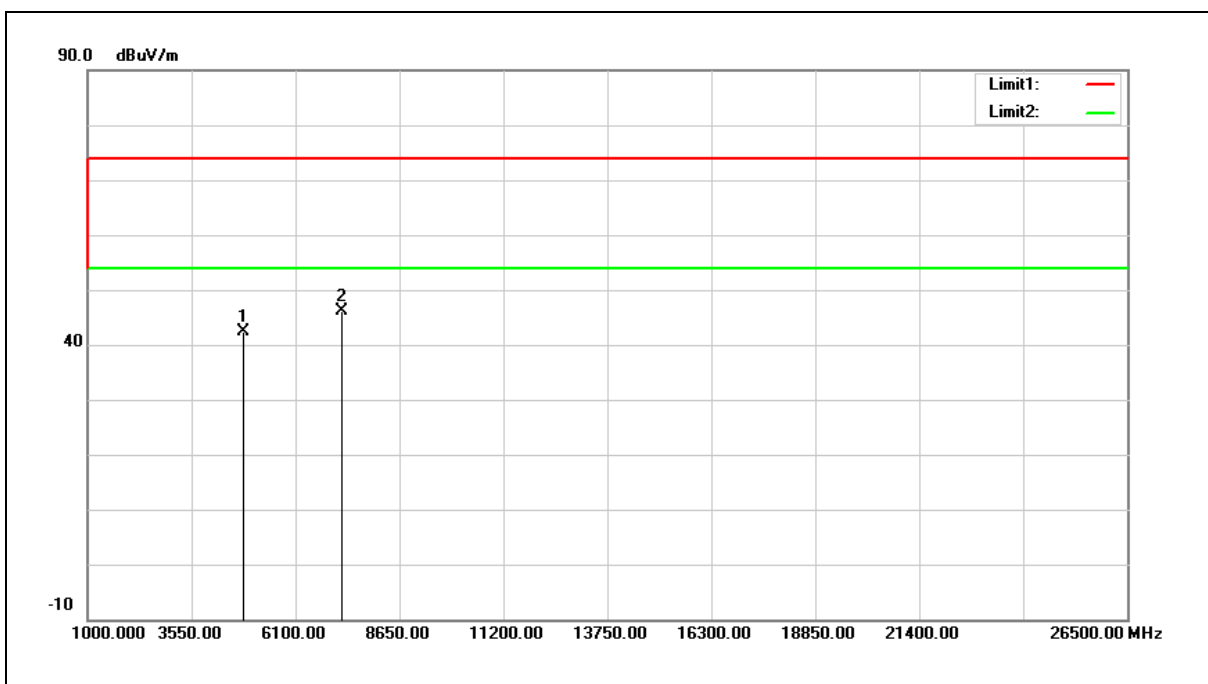
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 42.49 = -8.61 + 51.10

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	50.89	-8.61	42.28	74.00	-31.72	peak
2	7236.000	47.13	-1.06	46.07	74.00	-27.93	peak

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

Example: 42.28 = -8.61 + 50.89

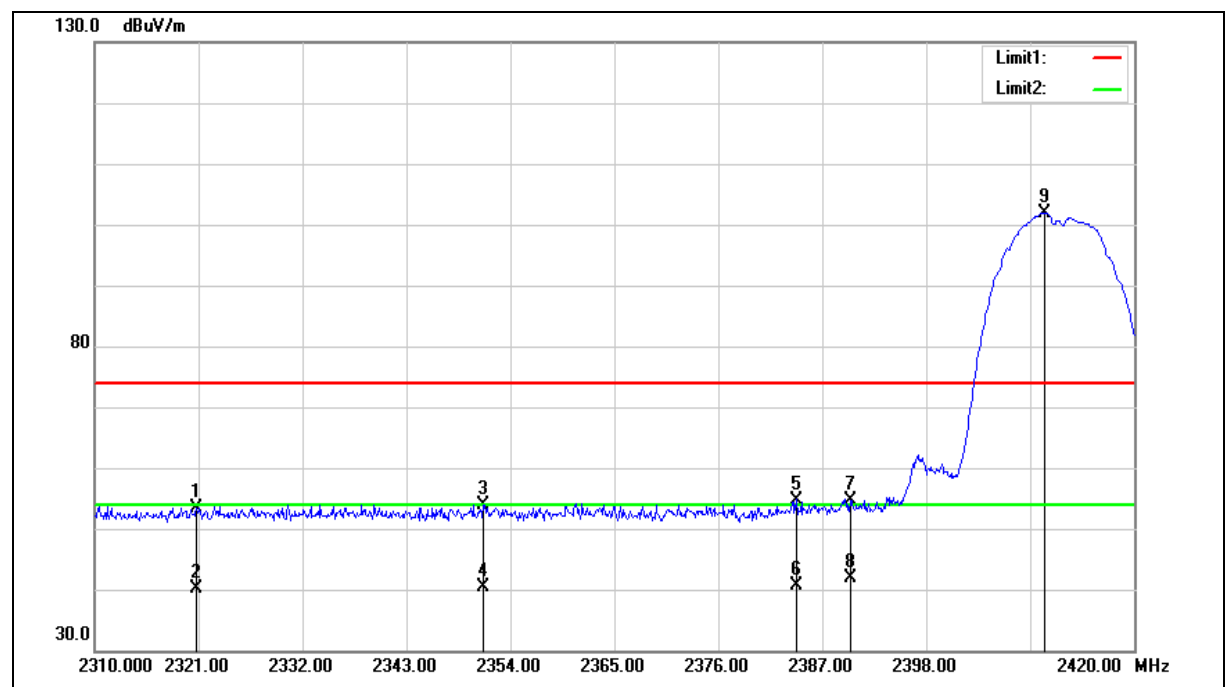
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

頻帶邊緣

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

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



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

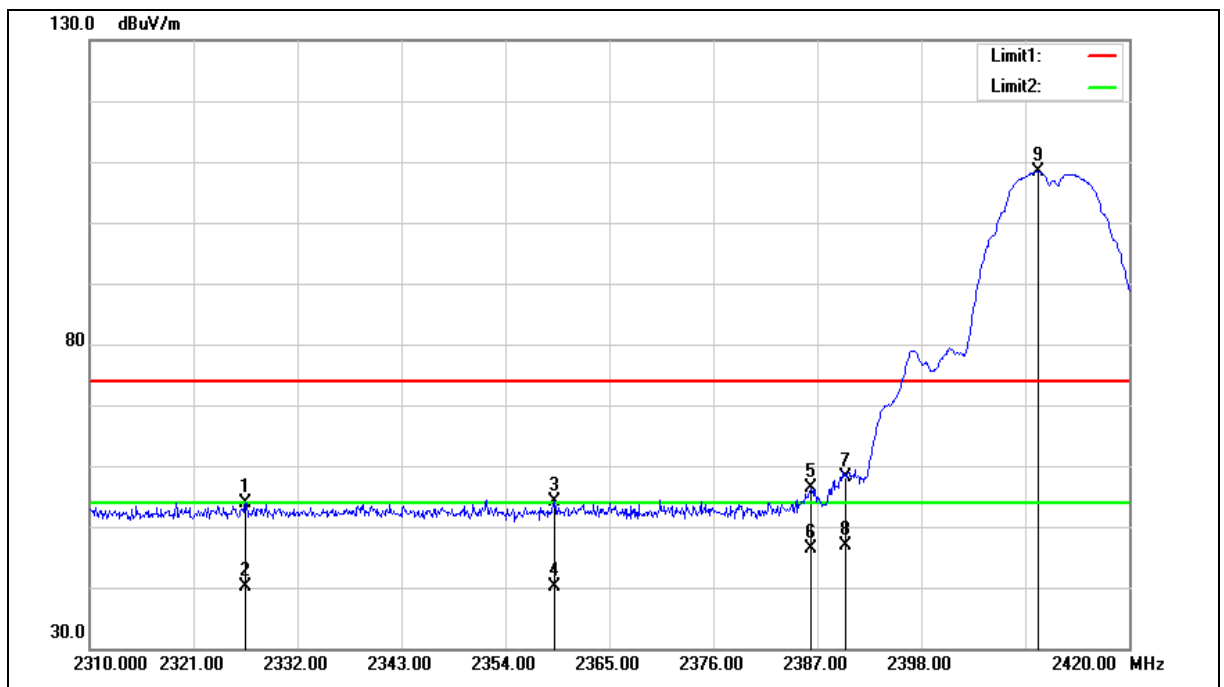
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2320.780	68.26	-14.84	53.42	74.00	-20.58	peak
2	2320.780	55.01	-14.84	40.17	54.00	-13.83	AVG
3	2351.140	68.49	-14.69	53.80	74.00	-20.20	peak
4	2351.140	55.05	-14.69	40.36	54.00	-13.64	AVG
5	2384.250	69.26	-14.51	54.75	74.00	-19.25	peak
6	2384.250	55.17	-14.51	40.66	54.00	-13.34	AVG
7	2390.000	69.22	-14.48	54.74	74.00	-19.26	peak
8	2390.000	56.43	-14.48	41.95	54.00	-12.05	AVG
9	2410.540	116.29	-14.37	101.92	--	--	peak

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

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

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.500	68.70	-14.81	53.89	74.00	-20.11	peak
2	2326.500	54.85	-14.81	40.04	54.00	-13.96	AVG
3	2359.170	68.68	-14.64	54.04	74.00	-19.96	peak
4	2359.170	54.89	-14.64	40.25	54.00	-13.75	AVG
5	2386.340	70.95	-14.51	56.44	74.00	-17.56	peak
6	2386.340	60.88	-14.51	46.37	54.00	-7.63	AVG
7	2390.000	72.65	-14.48	58.17	74.00	-15.83	peak
8	2390.000	61.41	-14.48	46.93	54.00	-7.07	AVG
9	2410.320	122.70	-14.37	108.33	--	--	peak

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

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

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

4.2.2 最大傳導輸出功率之量測

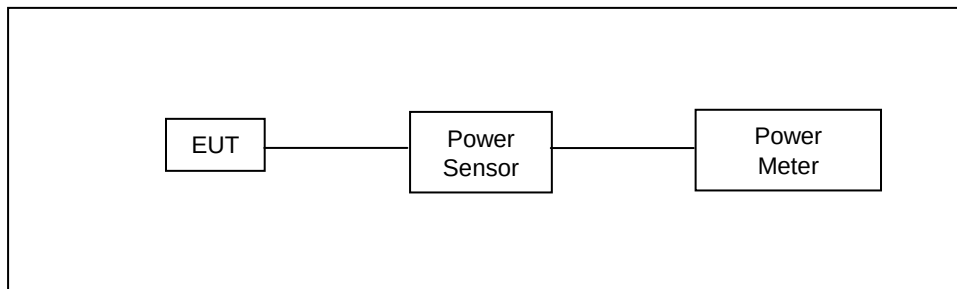
合格標準:

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

CDD/MIMO mode：

$$* \text{ Directional Gain} = G_{\text{ANT}} = 10 * \log\{[10^{G1/10} + 10^{G2/10} + \dots + 10^{Gn/10}]/N_{\text{ANT}}\} = 0.50 \text{ dBi} < 6 \text{ dBi}$$

測試架構圖：



測試結果:

操作模式：Mode 2 / Mode 3 / Mode 4 / Mode 5							
操作模式	Data Rate (Mbps)	頻道 CH	最大傳導輸出功率(Average)				Limit (dBm)
			ANT-0		ANT-1		
			dBm	W	dBm	W	
Mode 2	1	01	14.69	0.029	14.06	0.025	≤ 30.00
		06	14.56	0.029	14.16	0.026	≤ 30.00
		11	14.65	0.029	14.07	0.026	≤ 30.00
Mode 3	6	01	10.70	0.012	9.95	0.010	≤ 30.00
		06	14.72	0.030	14.31	0.027	≤ 30.00
		11	10.14	0.010	9.83	0.010	≤ 30.00
Mode 4	13	01	10.62	0.012	9.89	0.010	≤ 30.00
		06	14.72	0.030	14.25	0.027	≤ 30.00
		11	11.04	0.013	10.25	0.011	≤ 30.00
Mode 5	27	03	8.39	0.007	7.78	0.006	≤ 30.00
		06	14.25	0.027	13.70	0.023	≤ 30.00
		09	8.40	0.007	7.77	0.006	≤ 30.00

操作模式：Mode 2 / Mode 3 / Mode 4 / Mode 5					
操作模式	Data Rate (Mbps)	頻道 CH	最大傳導輸出功率(Average)		Limit (dBm)
			ANT-0+1		
			dBm	W	
Mode 2	1	01	17.40	0.055	≤ 30.00
		06	17.37	0.055	≤ 30.00
		11	17.38	0.055	≤ 30.00
Mode 3	6	01	13.35	0.022	≤ 30.00
		06	17.53	0.057	≤ 30.00
		11	13.00	0.020	≤ 30.00
Mode 4	13	01	13.28	0.021	≤ 30.00
		06	17.50	0.056	≤ 30.00
		11	13.67	0.023	≤ 30.00
Mode 5	27	03	11.11	0.013	≤ 30.00
		06	16.99	0.050	≤ 30.00
		09	11.11	0.013	≤ 30.00

4.2.3 天線規格之要求

合格標準:

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

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

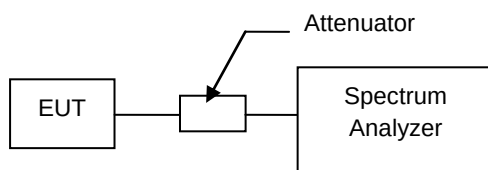
判定結果: 符合。

4.2.4 非必要頻帶之量測

合格標準:

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

測試架構圖：



測試結果:

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

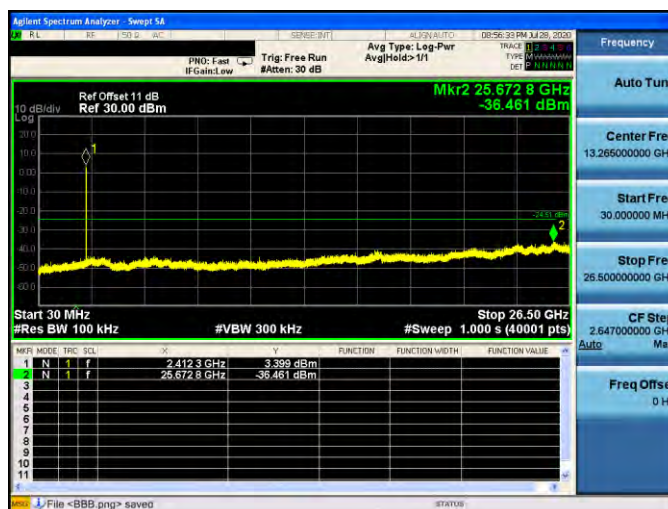
附註 1: 於使用頻帶範圍之任意 100 千赫 (kHz)內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz)內的射頻功率，衰減 30 分貝(dB)以上，符合規定。

附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 30 dB。

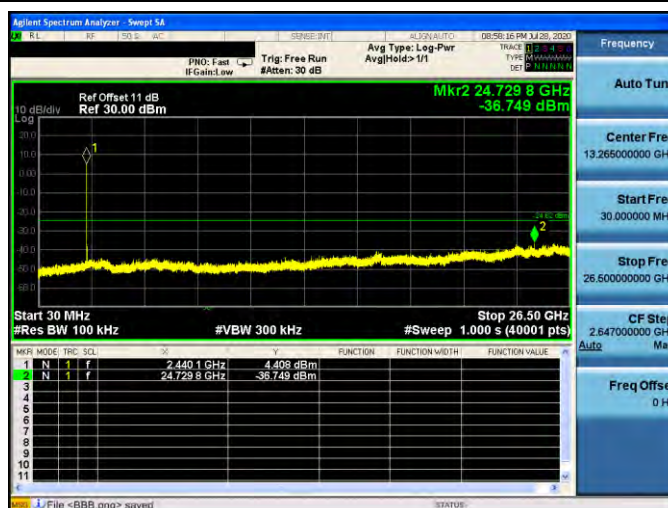
Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0

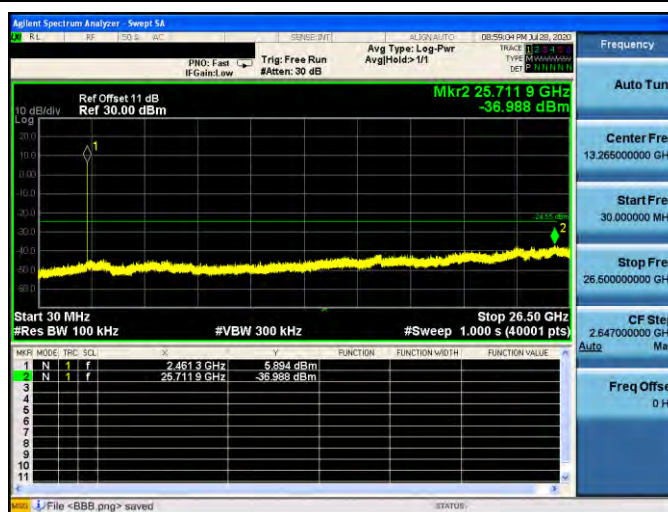
CH01



CH06

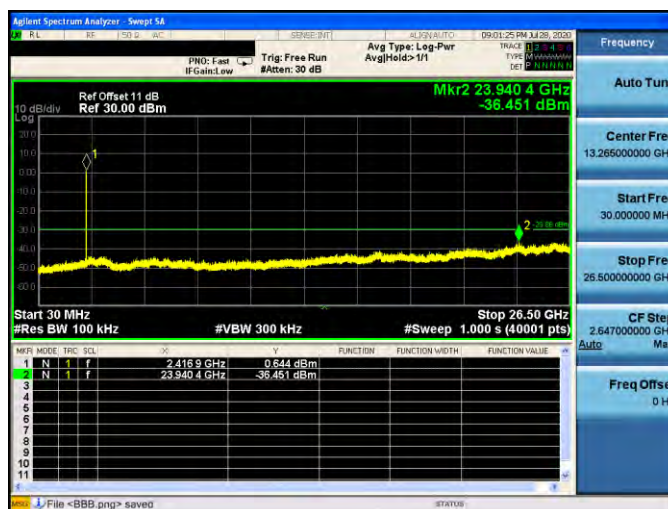


CH11

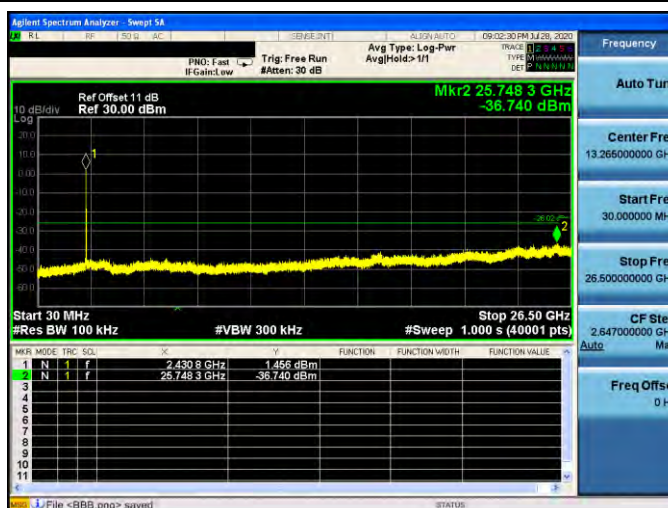


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0

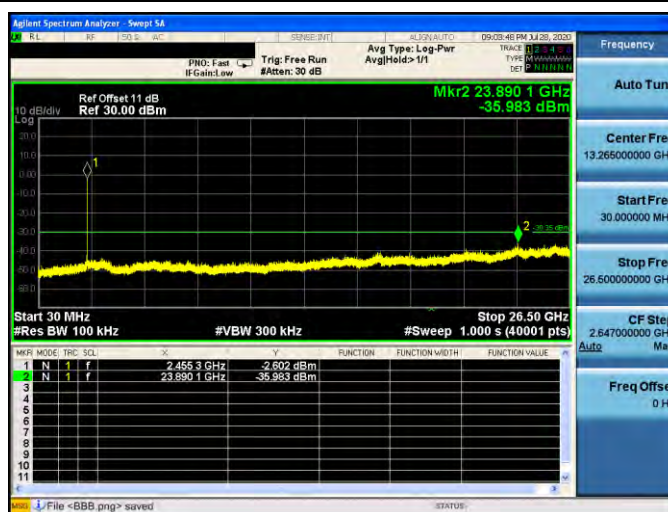
CH01



CH06

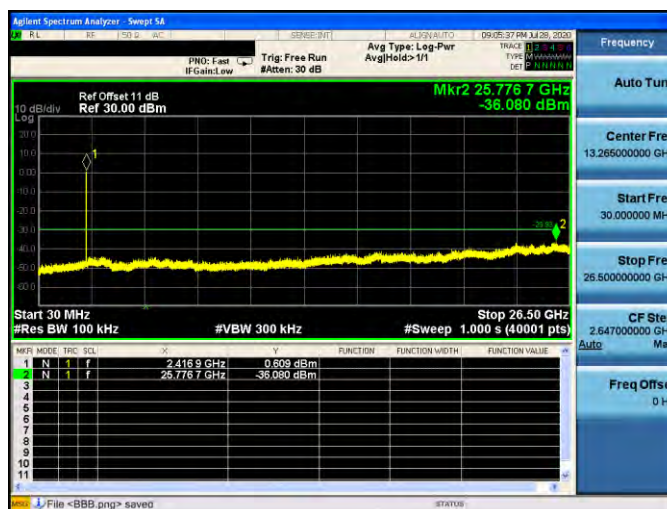


CH11

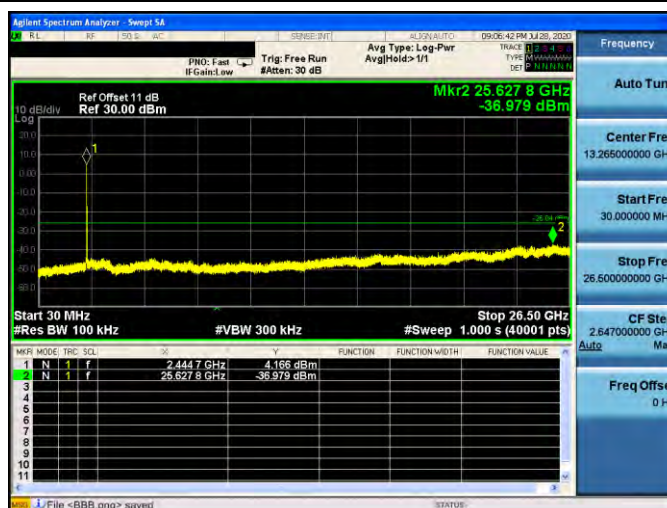


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-0

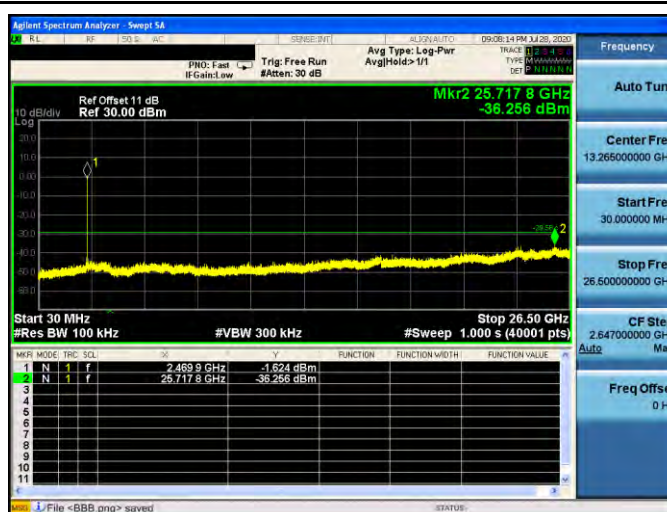
CH01



CH06

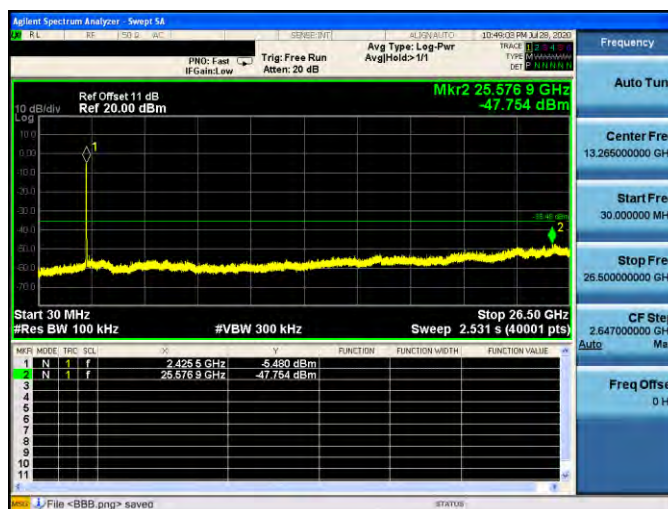


CH11

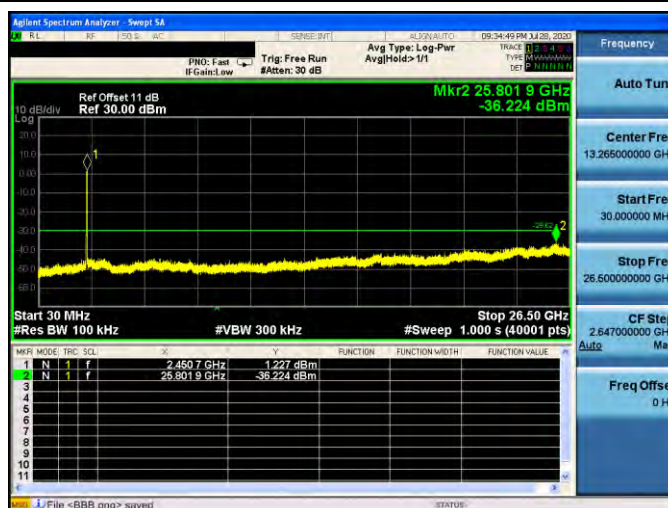


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0

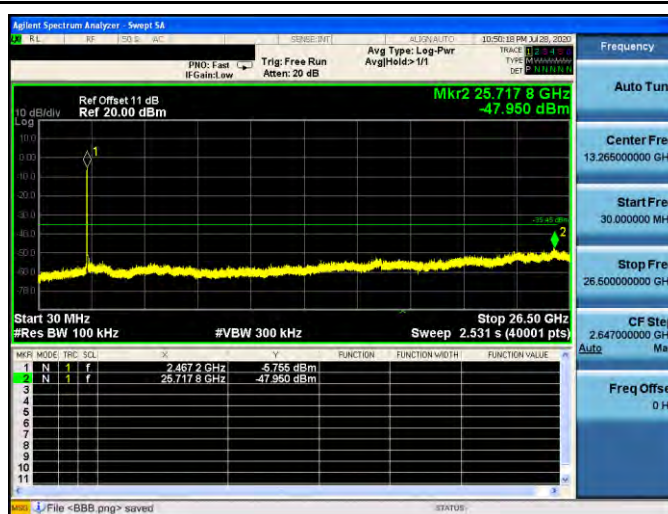
CH03



CH06

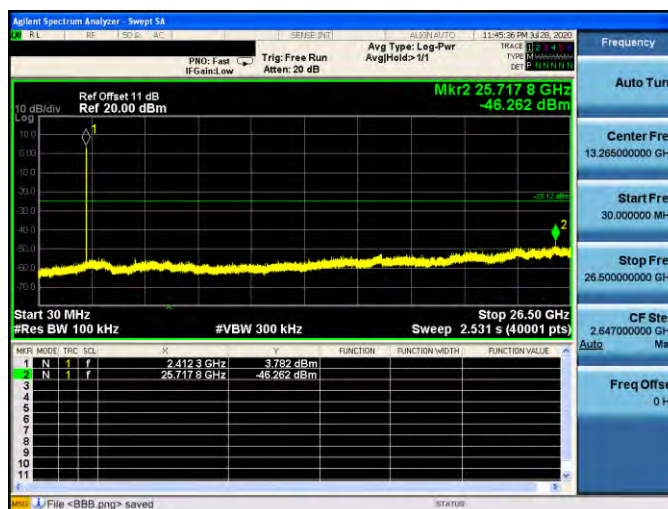


CH09

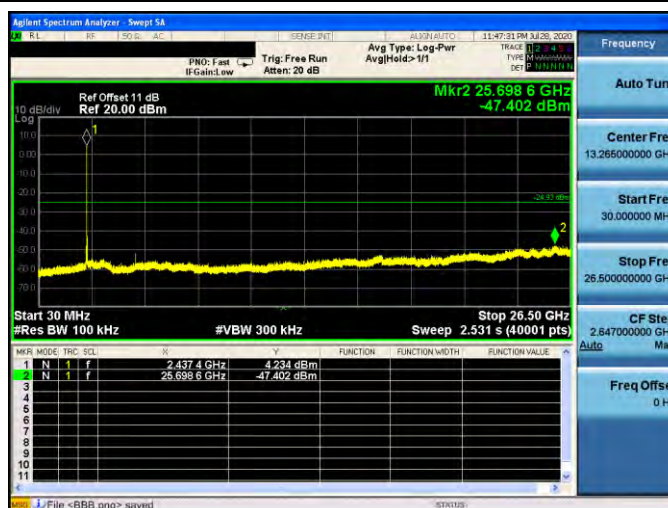


Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

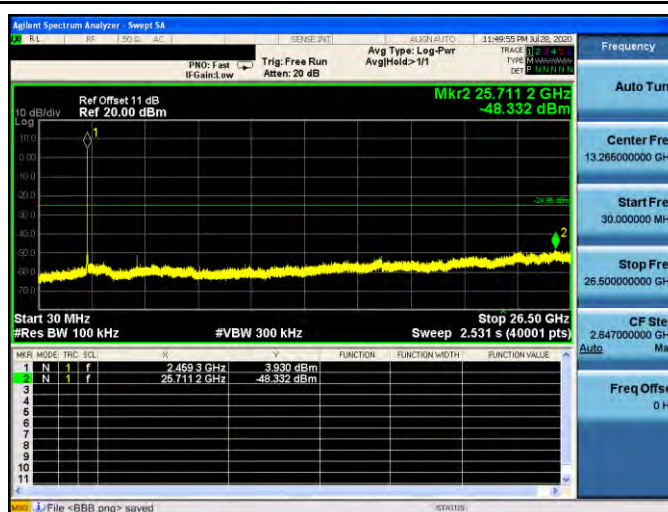
CH01



CH06

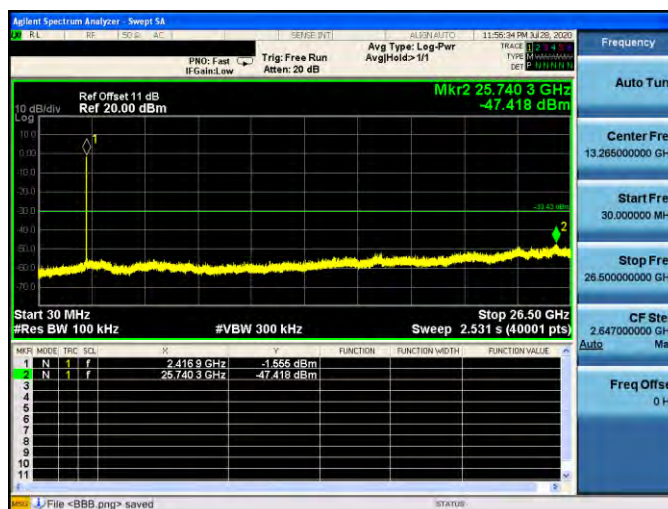


CH11

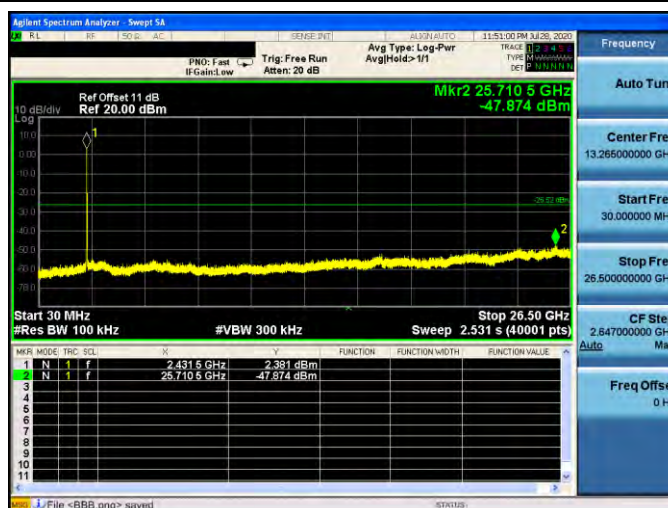


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

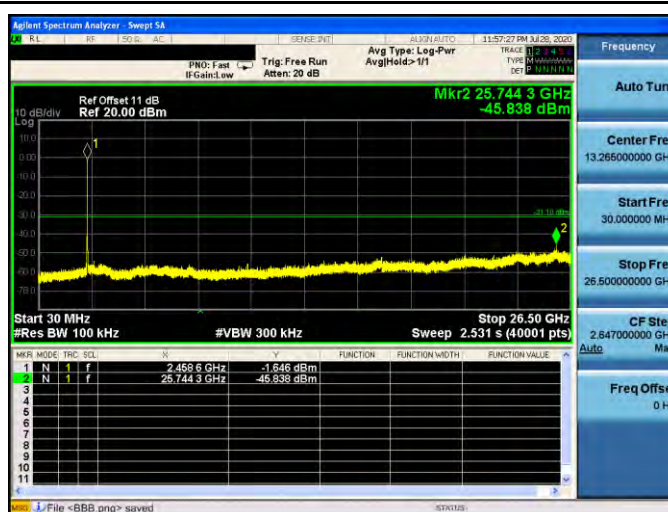
CH01



CH06

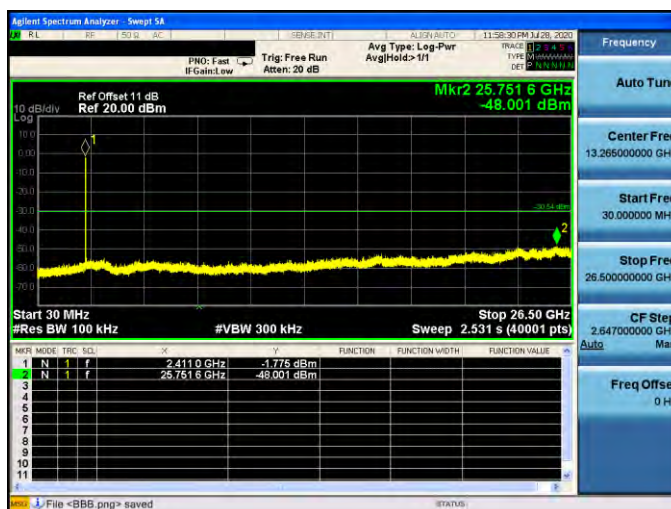


CH11

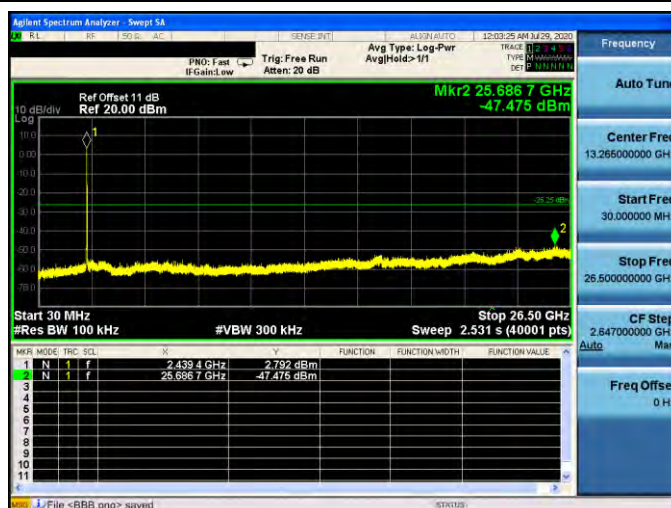


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-1

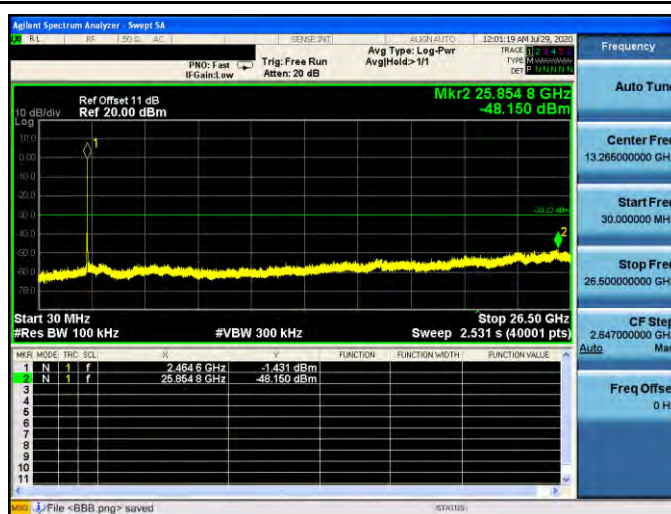
CH01



CH06

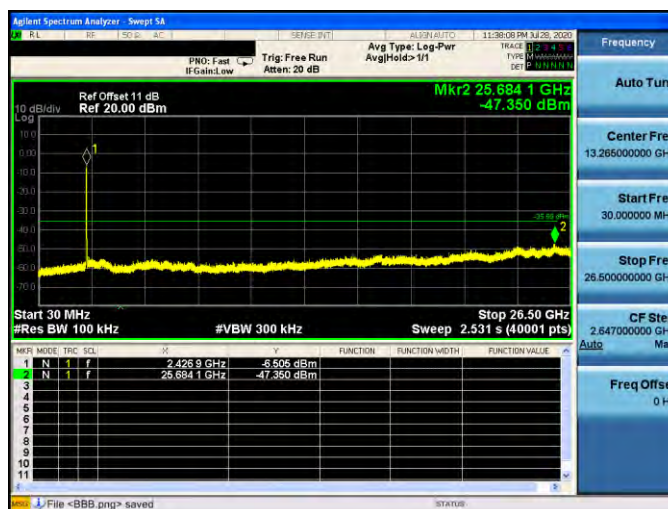


CH11

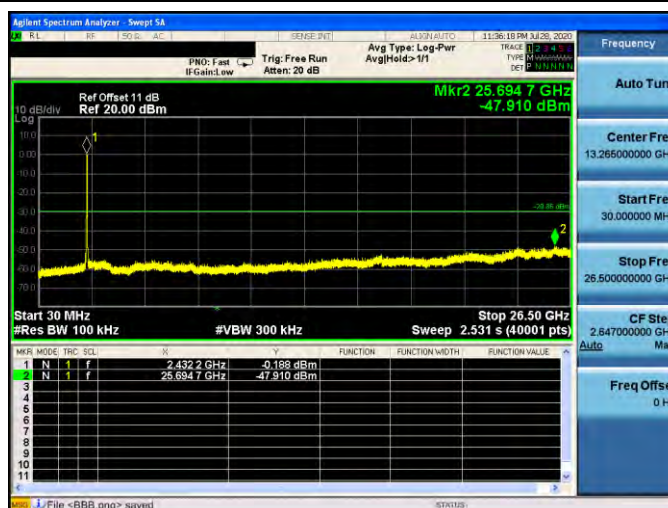


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1

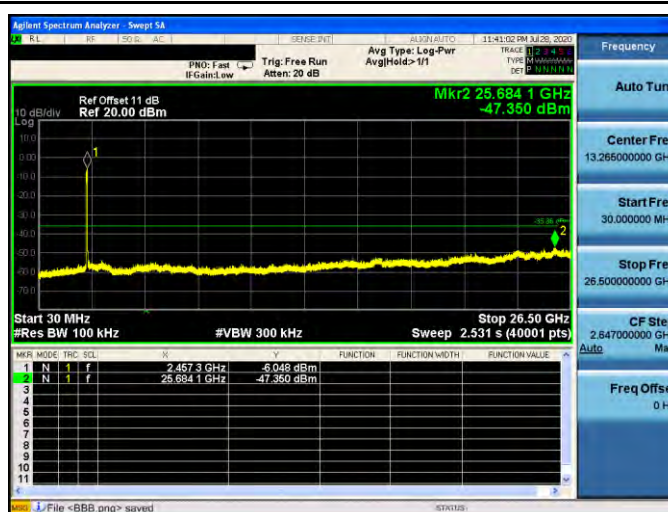
CH03



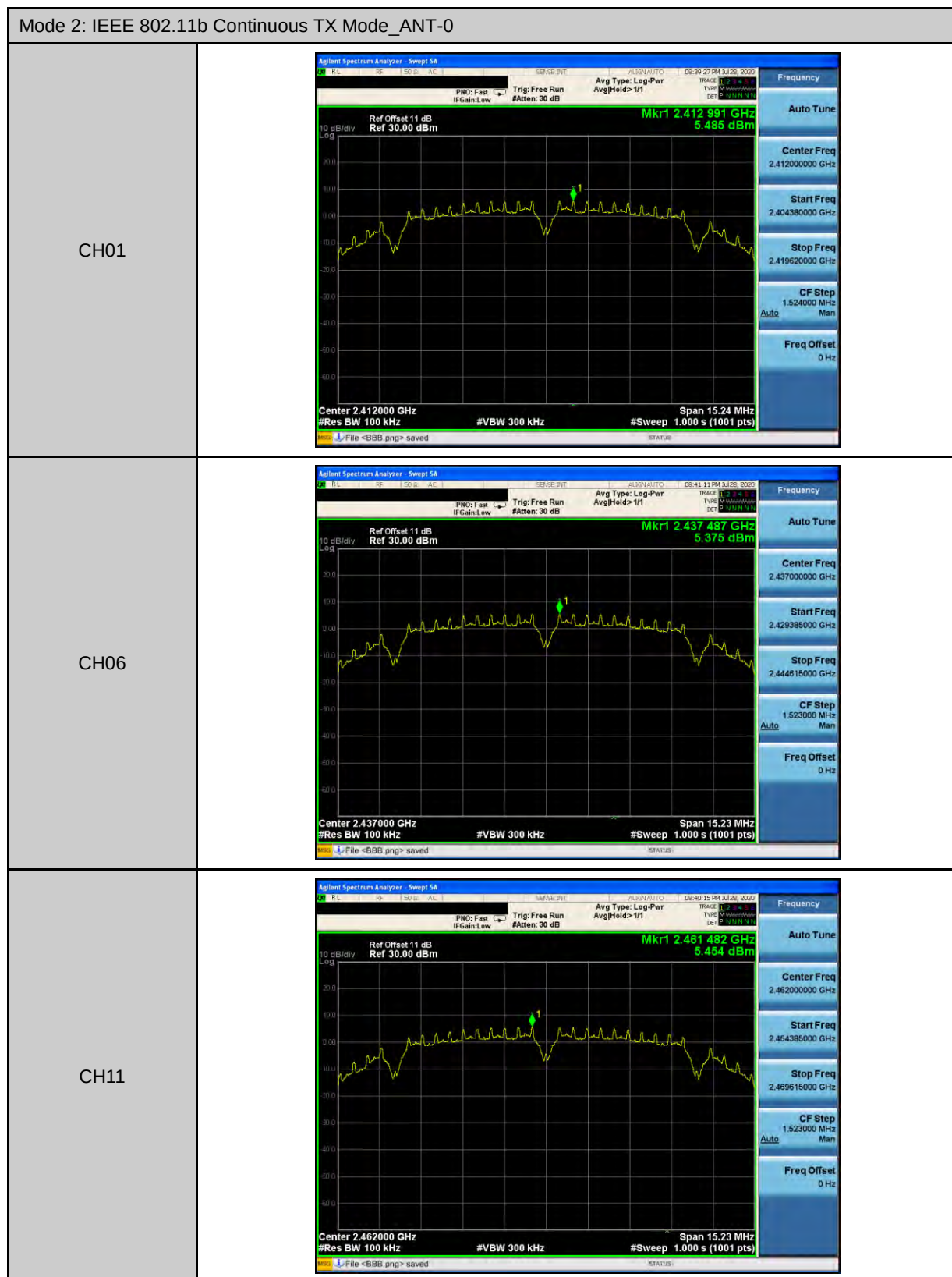
CH06



CH09



Reference level



Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0

CH01



CH06



CH11

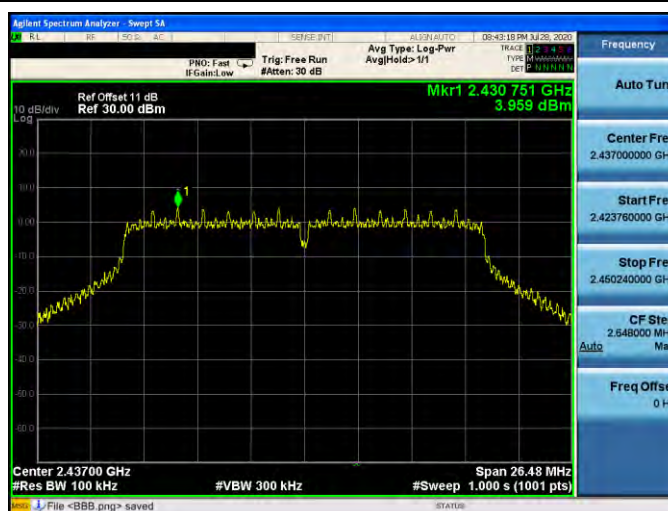


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-0

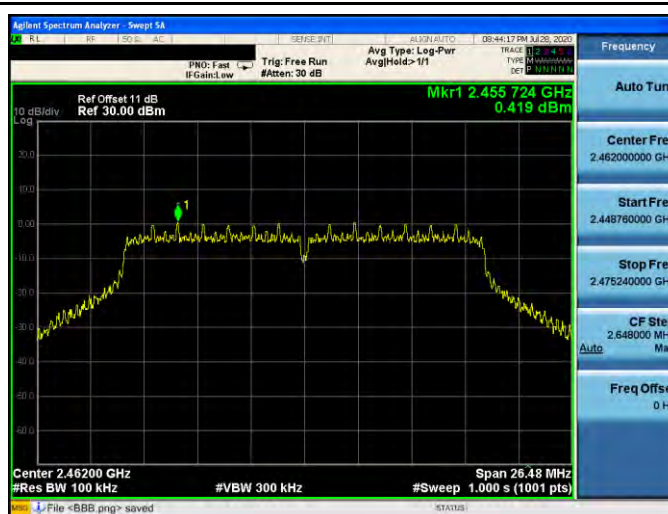
CH01



CH06

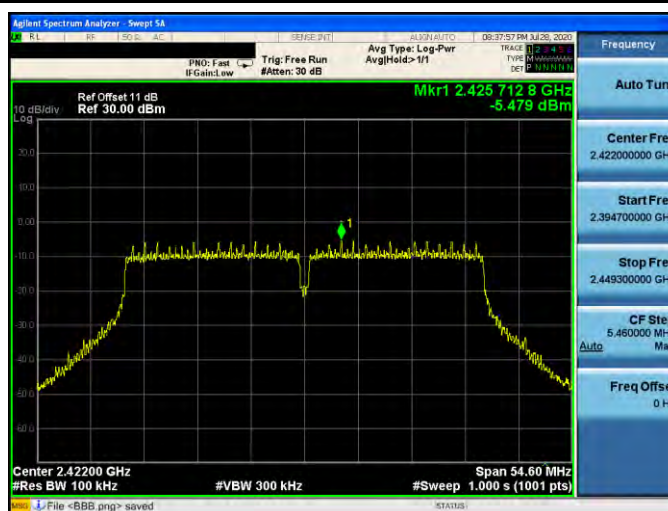


CH11



Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0

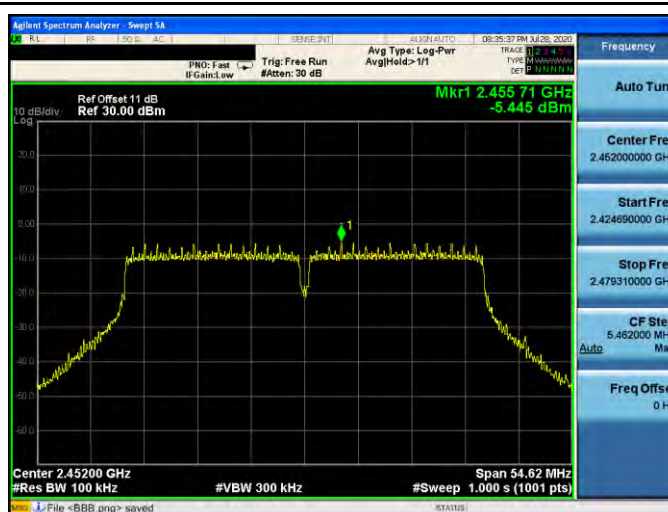
CH03



CH06



CH09



Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

CH01



CH06



CH11



Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

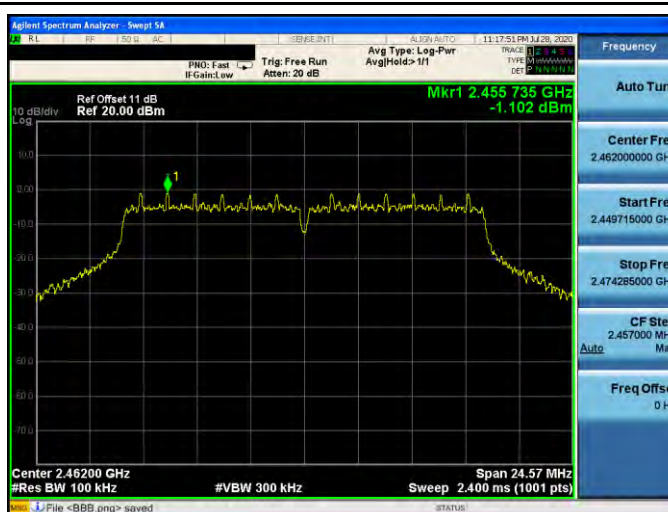
CH01



CH06



CH11



Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-1

CH01



CH06



CH11



Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1

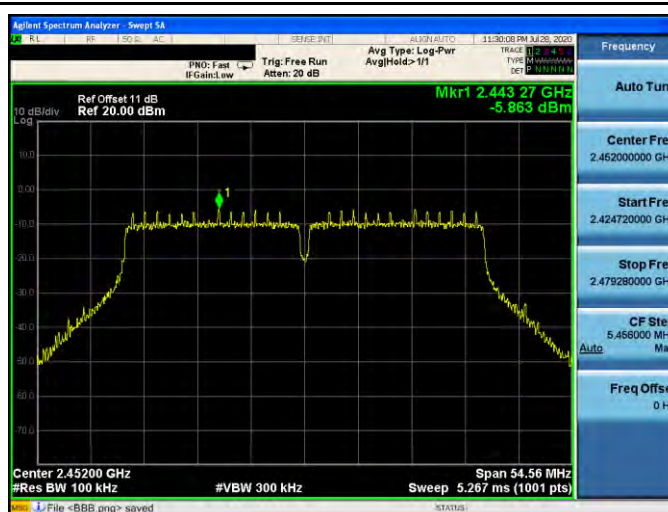
CH03



CH06



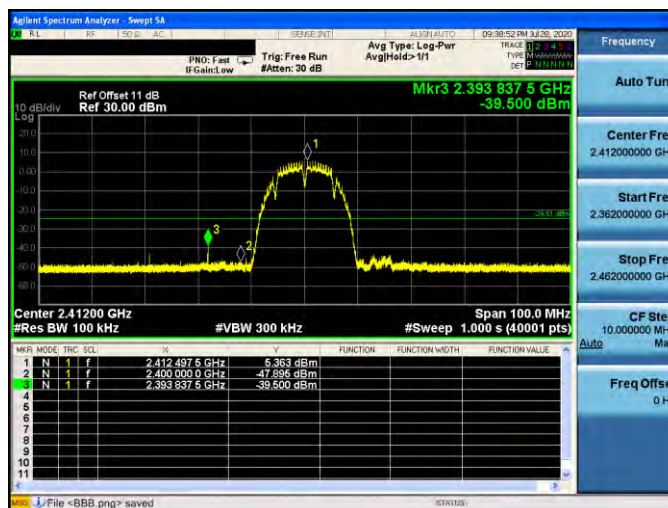
CH09



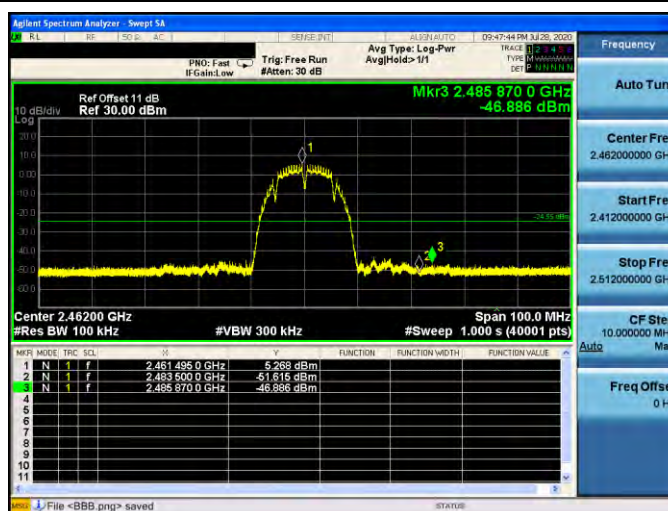
Conducted Band Edge

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0

CH01

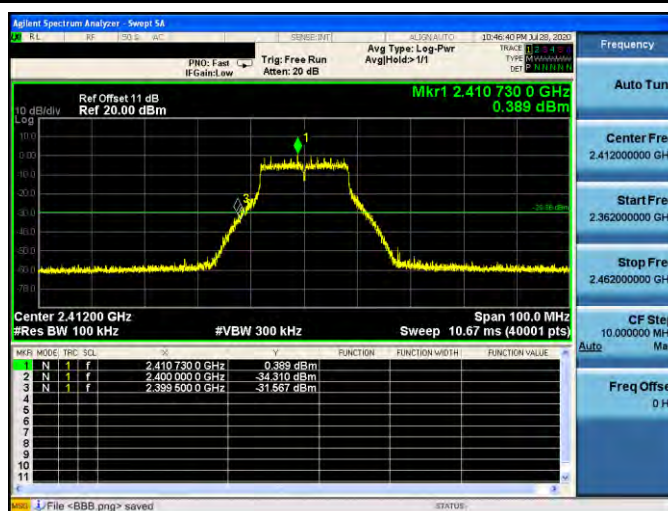


CH11

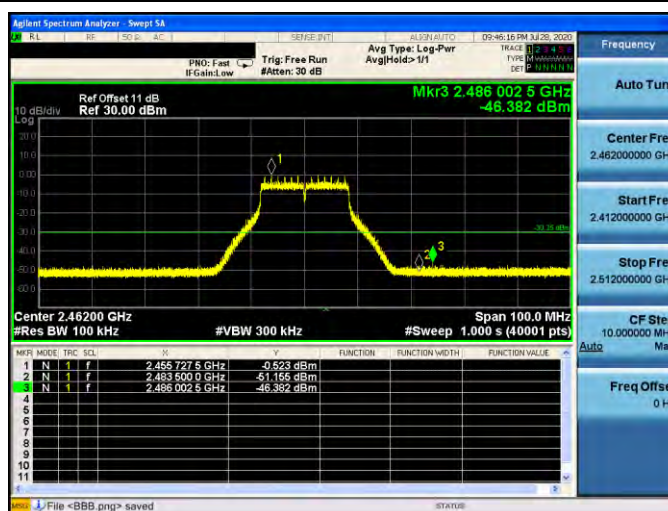


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0

CH01

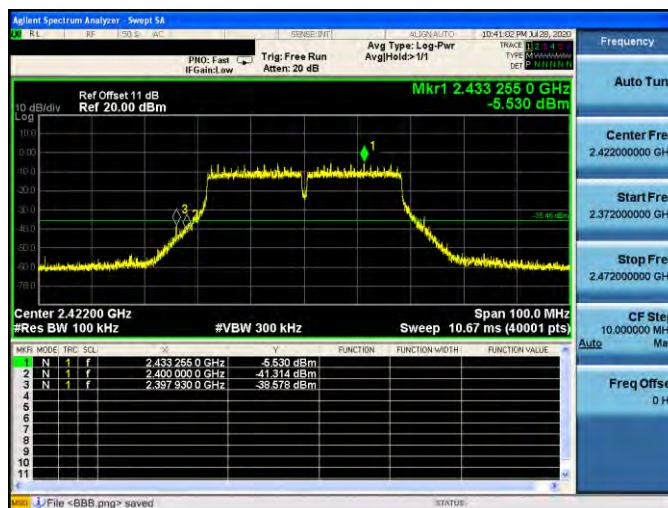


CH11

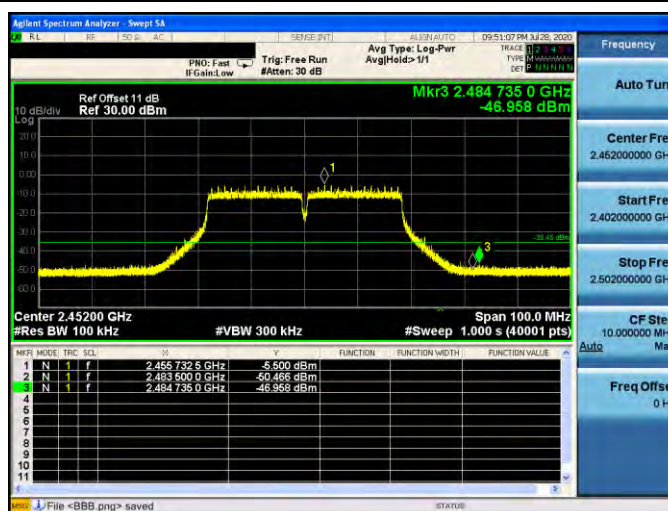


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0

CH03

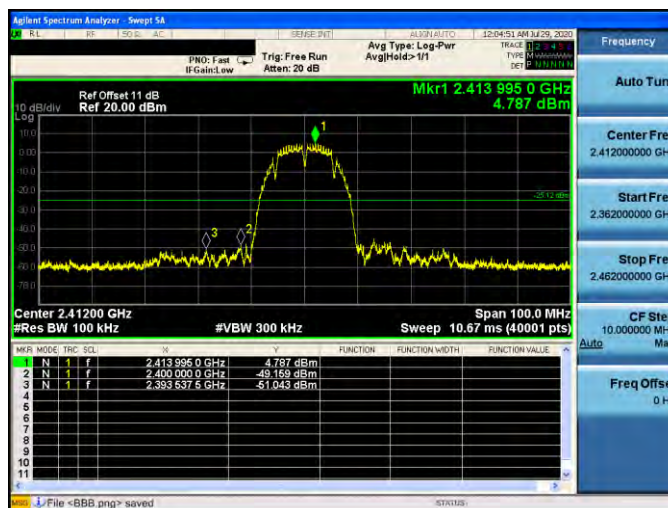


CH09

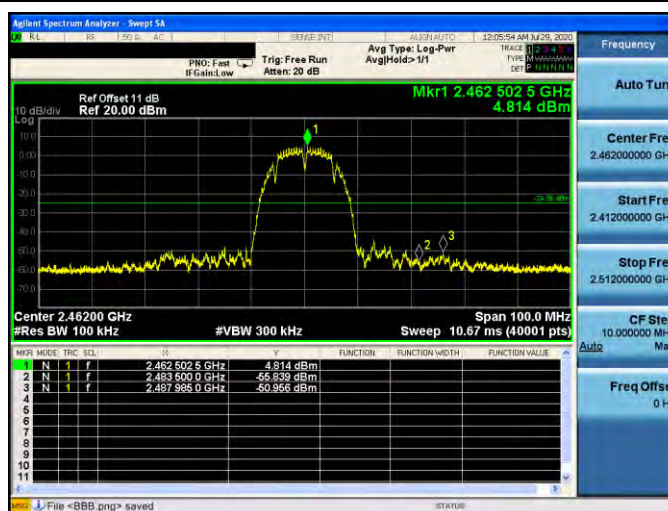


Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

CH01

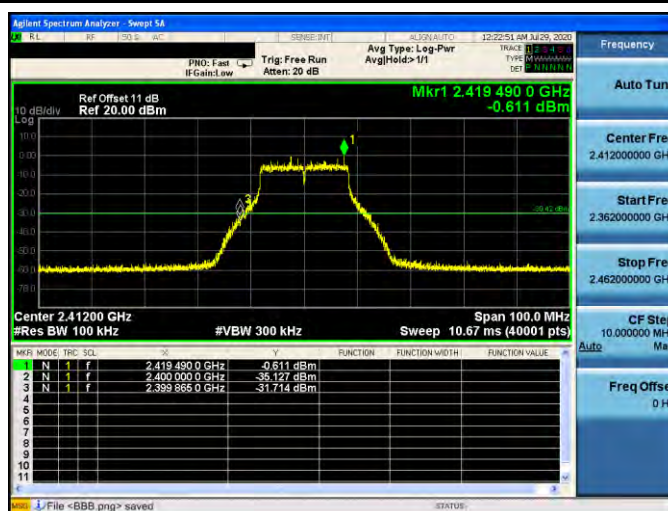


CH11

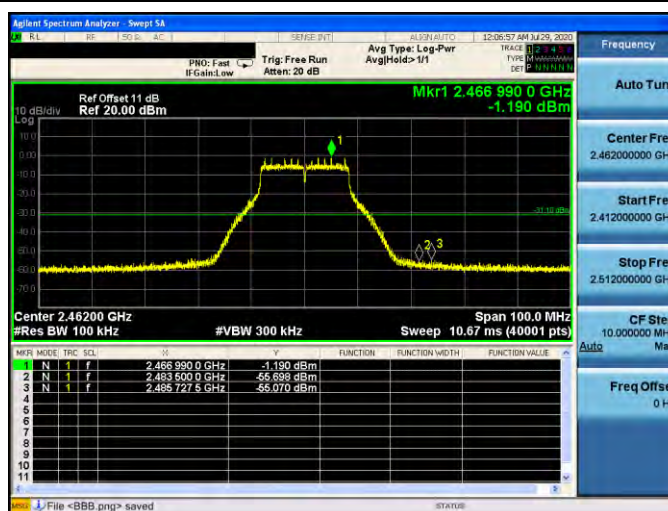


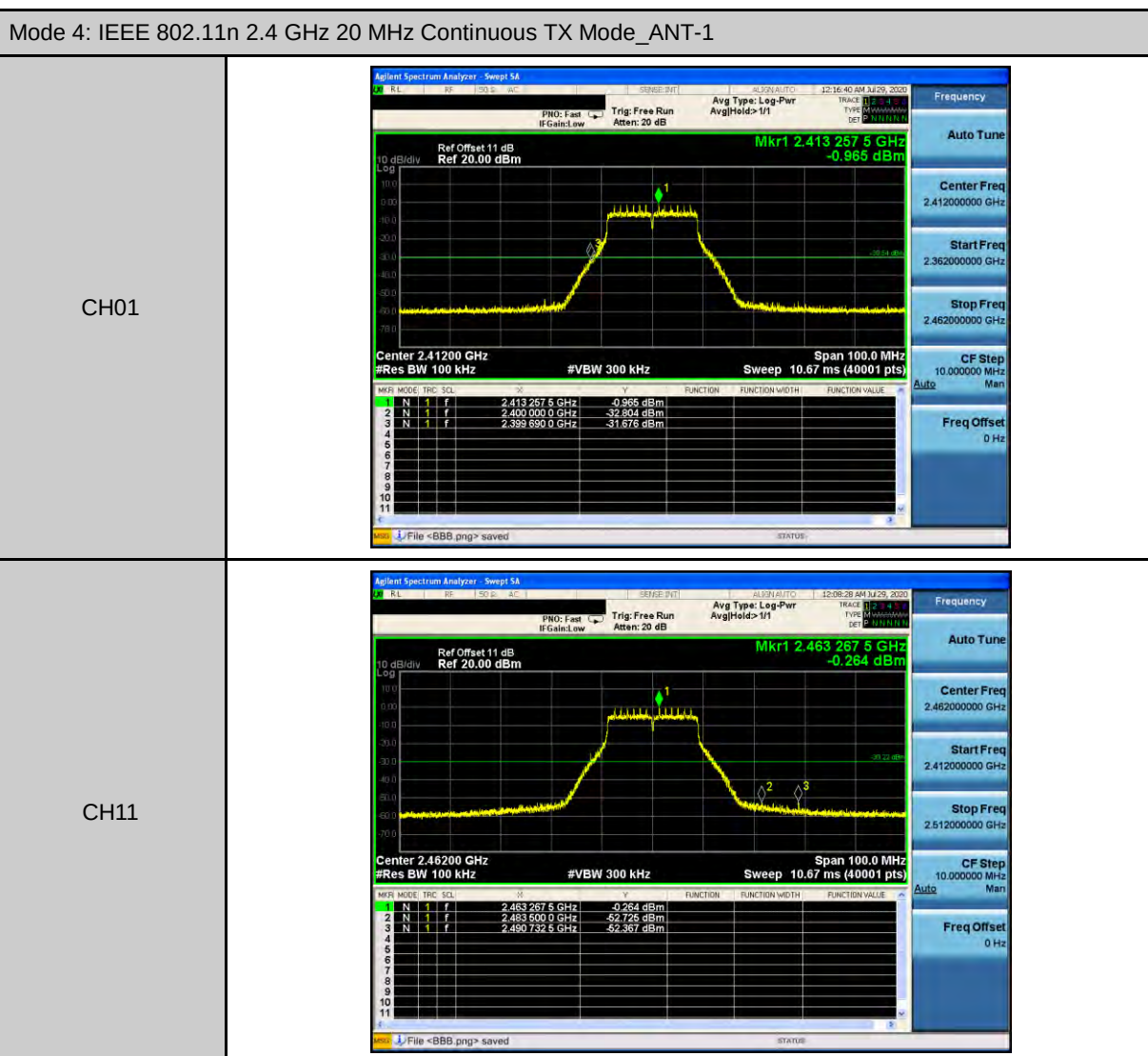
Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

CH01



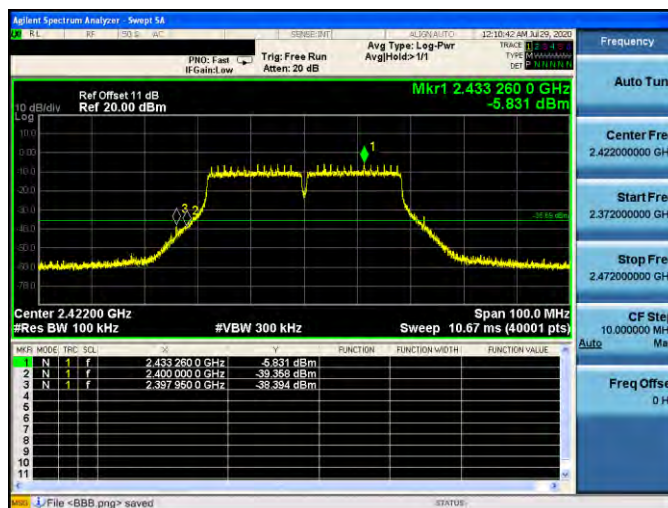
CH11



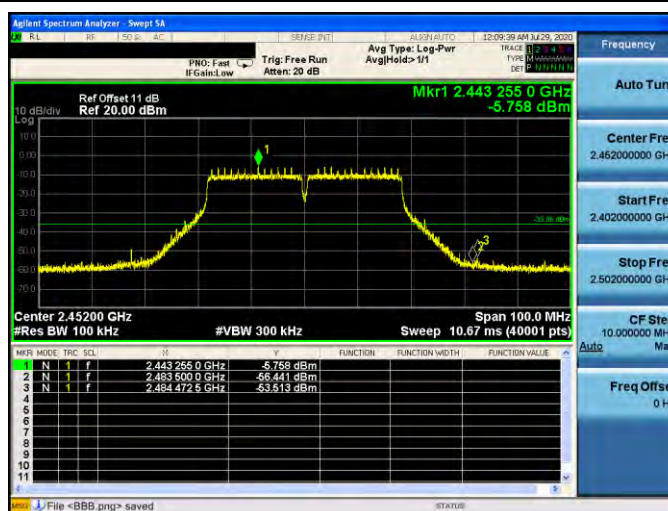


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1

CH03



CH09

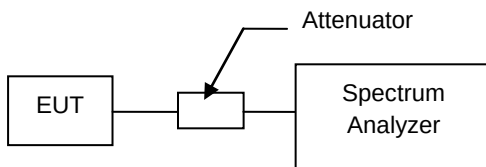


4.2.5 6 dB頻寬之要求

合格標準：

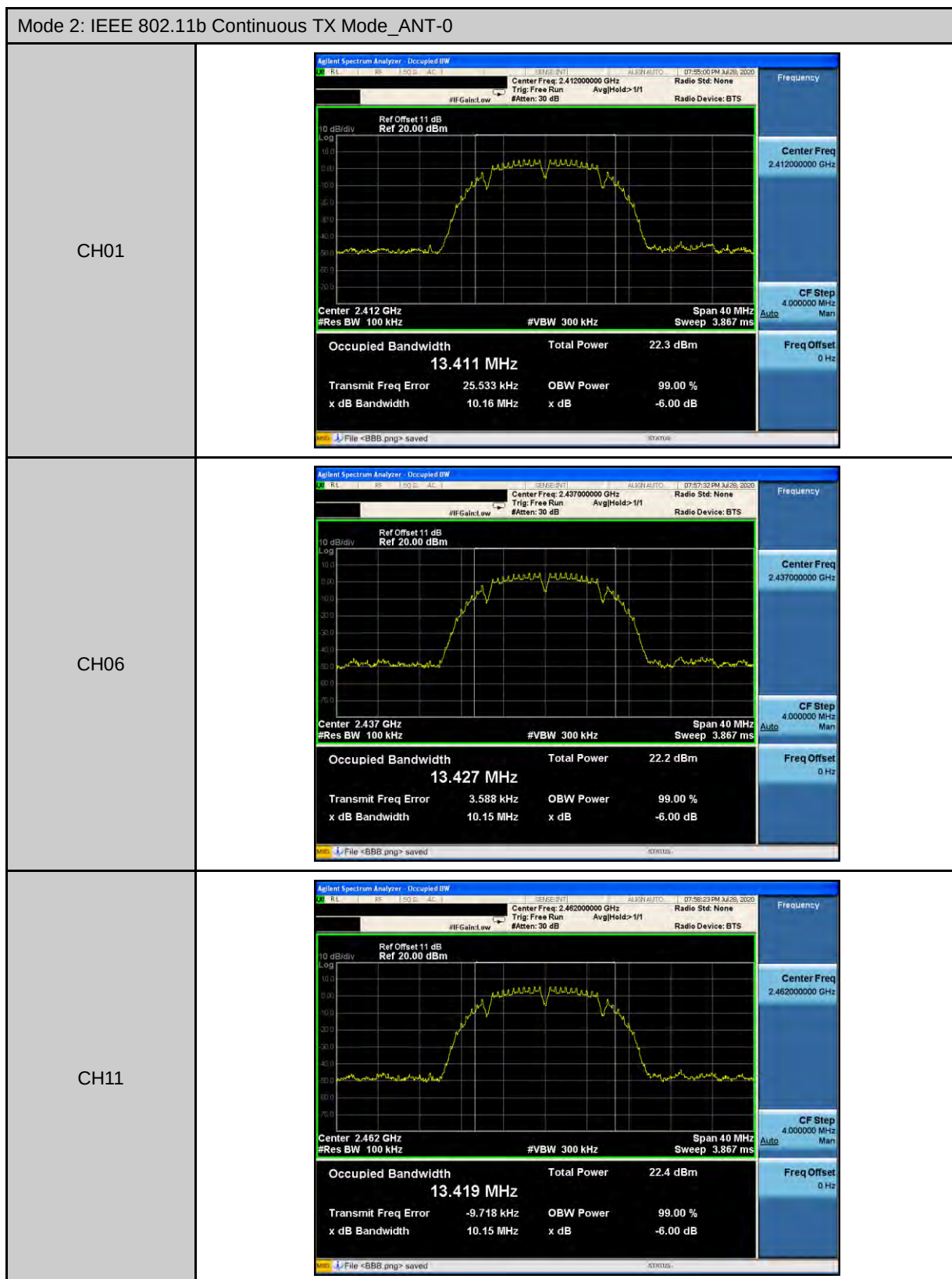
依據 NCC 低功率射頻電機技術規範 3.10.1.6(2)(A)節之要求，對使用數位調變技術(Digital Modulation Techniques)系統而言，6 dB 頻寬至少應有 500 千赫(kHz)。

測試架構圖：



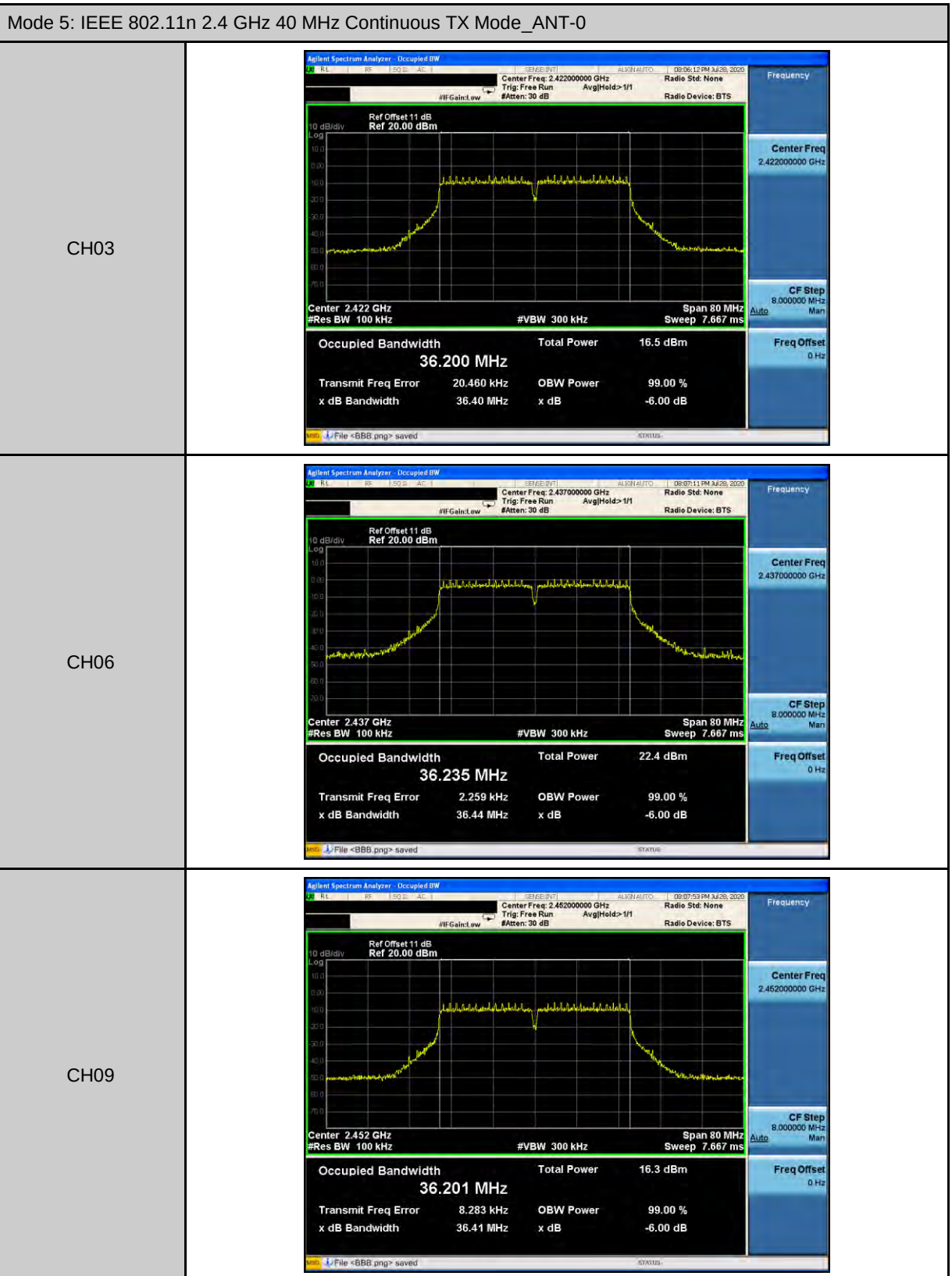
測試結果：

操作模式：Mode 2 / Mode 3 / Mode 4 / Mode 5				
操作模式	頻道	量測值 (kHz)		限制值 (kHz)
		ANT-0	ANT-1	
Mode 2	CH01	10160	10150	≥ 500
	CH06	10150	10140	≥ 500
	CH11	10150	10140	≥ 500
Mode 3	CH01	16400	16390	≥ 500
	CH06	16390	16370	≥ 500
	CH11	16400	16380	≥ 500
Mode 4	CH01	17650	17610	≥ 500
	CH06	17650	17610	≥ 500
	CH11	17650	17630	≥ 500
Mode 5	CH03	36400	36370	≥ 500
	CH06	36440	36370	≥ 500
	CH09	36410	36370	≥ 500



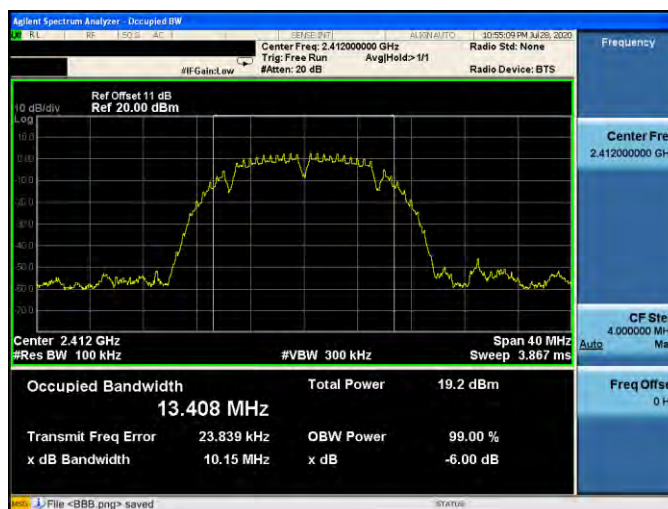




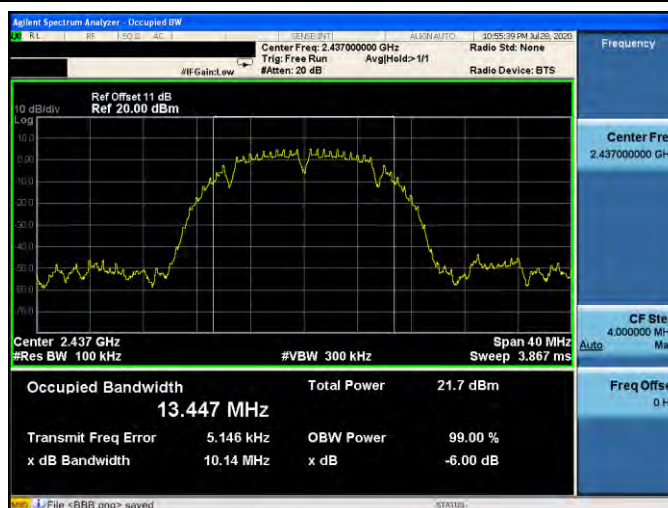


Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

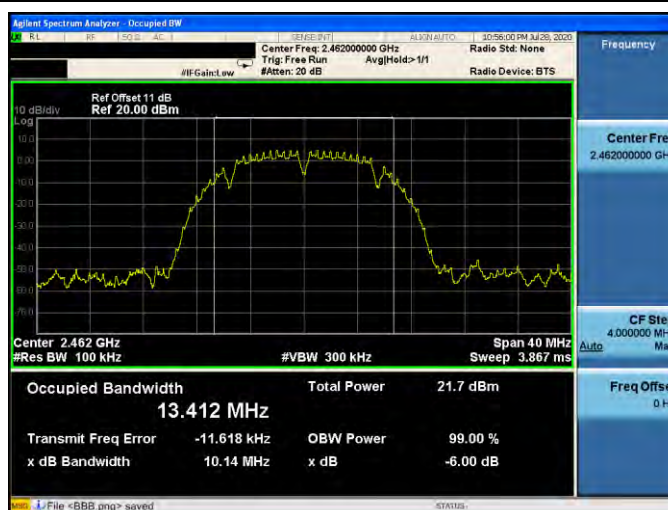
CH01



CH06

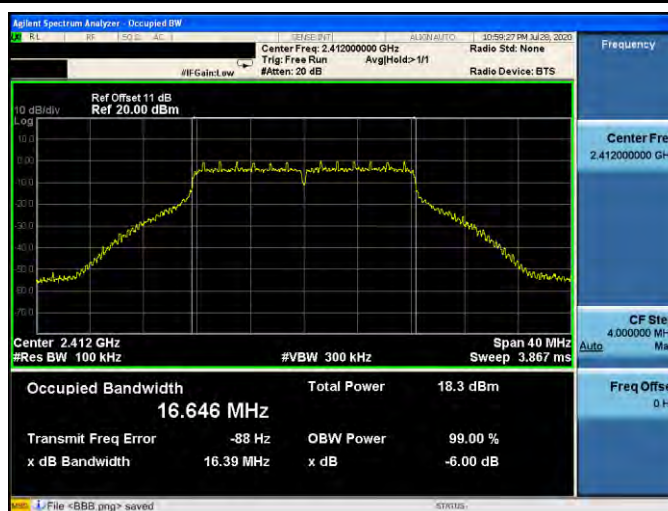


CH11

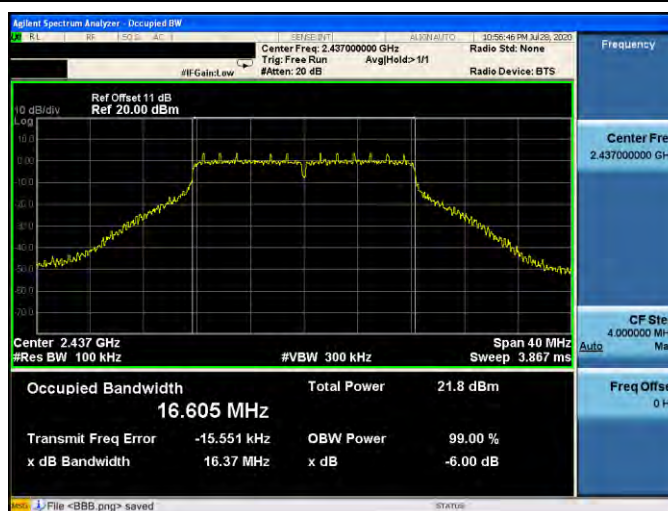


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

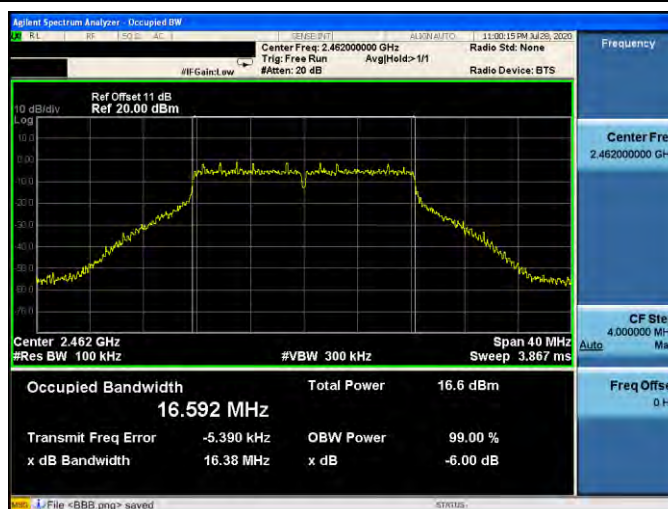
CH01



CH06

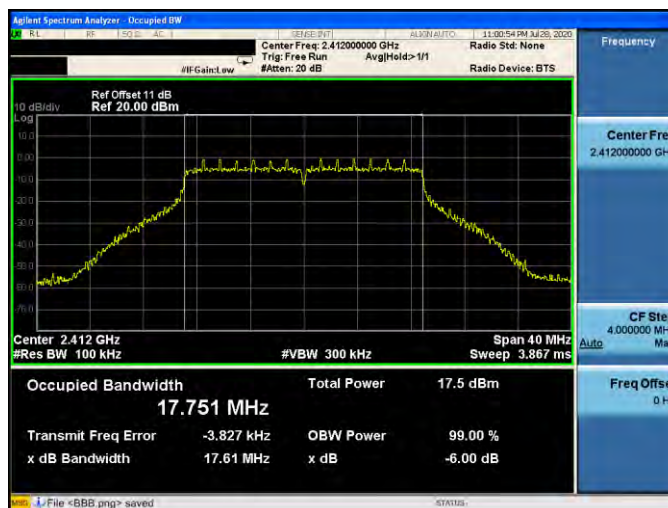


CH11

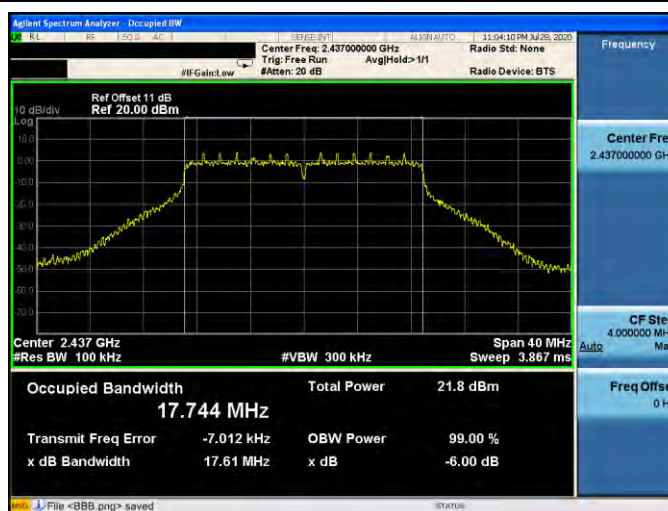


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-1

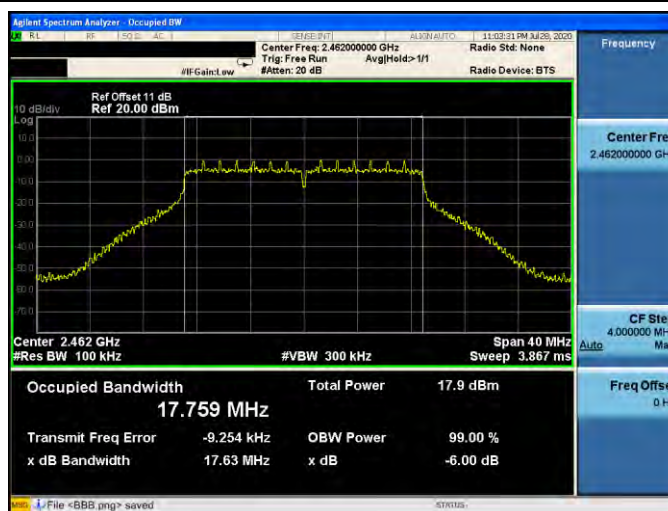
CH01



CH06

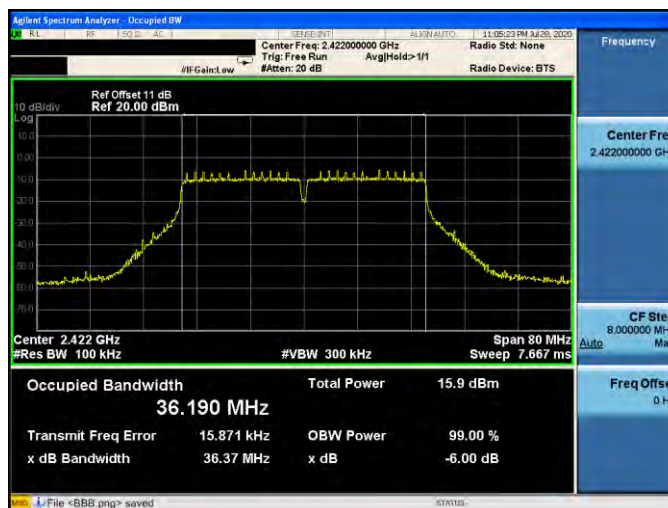


CH11

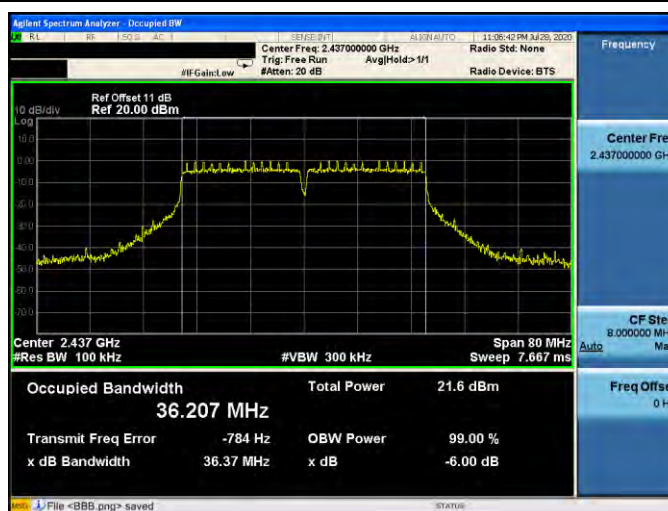


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1

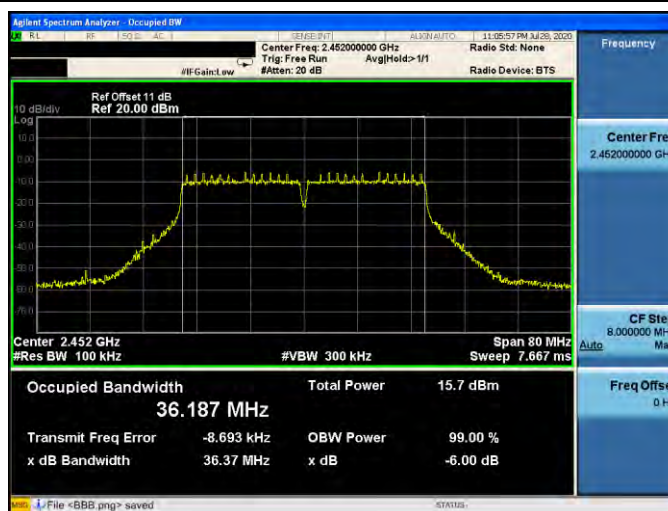
CH03



CH06



CH09



4.2.6 峰值發射電功率密度之要求

合格標準：

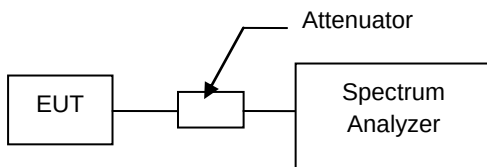
依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.6(2)(B)節之要求，數位調變技術(Digital Modulation Techniques)系統之功率密度,再使用頻率範圍之任意 3kHz 頻寬內,由發射機傳導至天線之峰值發射電功率密度在任意期間內,皆不得大於 8 dBm(複合系統時，關閉跳頻作業狀態檢驗)。

CDD/MIMO mode：

$$* \text{ Directional Gain} = 10 * \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\} = 3.51 \text{ dBi} < 6 \text{ dBi}$$

測試架構圖：

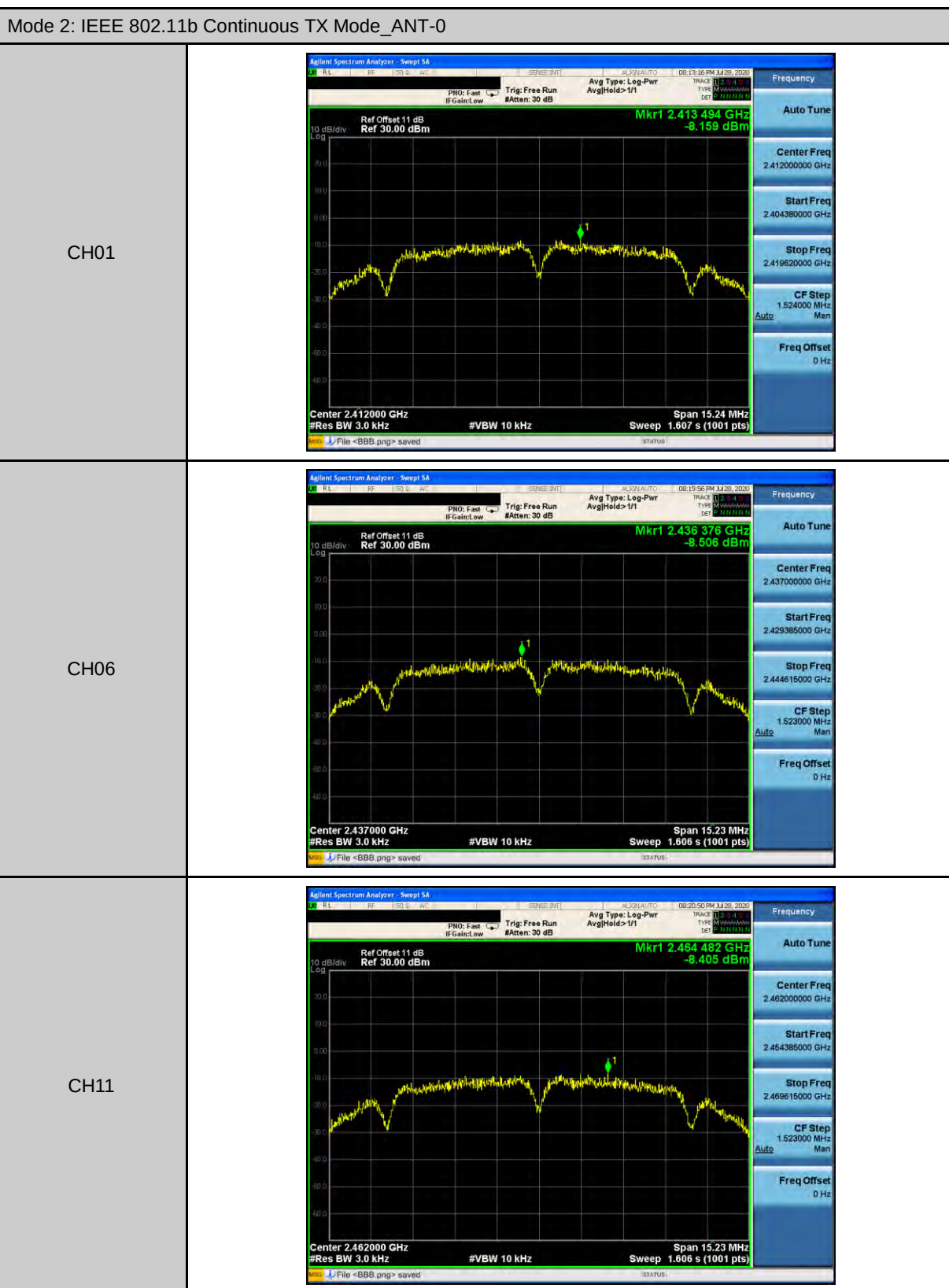
測試場地測試配置如圖所示。

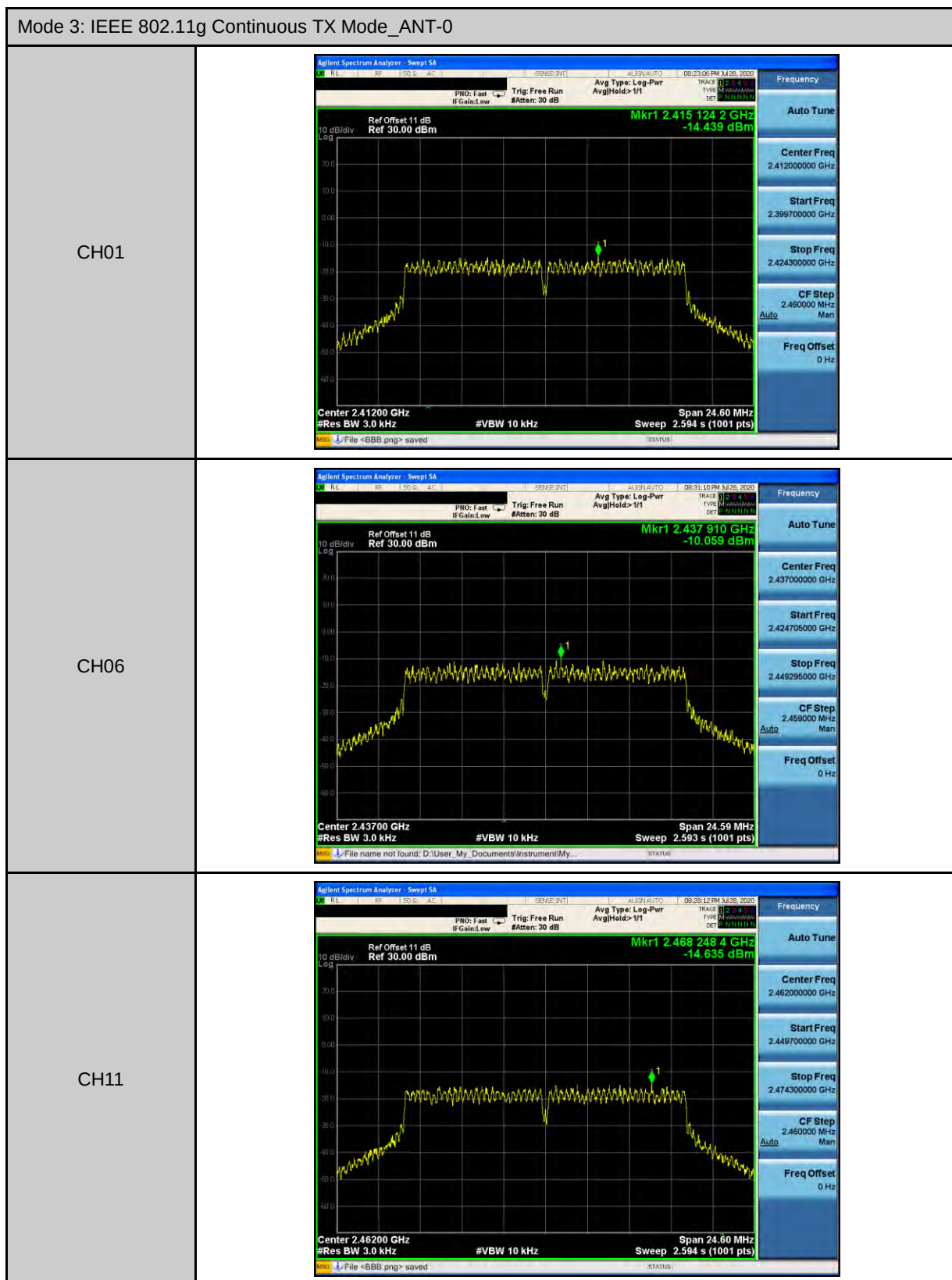


測試結果:

操作模式 : Mode 2 / Mode 3 / Mode 4 / Mode 5				
操作模式	頻道	量測值 (dBm)		限制值 (dBm/3 kHz)
		ANT-0	ANT-1	
Mode 2	CH01	-8.159	-8.769	≤ 8.00
	CH06	-8.506	-8.598	≤ 8.00
	CH11	-8.405	-8.508	≤ 8.00
Mode 3	CH01	-14.439	-15.259	≤ 8.00
	CH06	-10.059	-10.204	≤ 8.00
	CH11	-14.635	-15.153	≤ 8.00
Mode 4	CH01	-15.072	-15.697	≤ 8.00
	CH06	-11.175	-11.696	≤ 8.00
	CH11	-14.837	-15.716	≤ 8.00
Mode 5	CH03	-19.008	-19.757	≤ 8.00
	CH06	-14.479	-15.050	≤ 8.00
	CH09	-19.317	-20.069	≤ 8.00

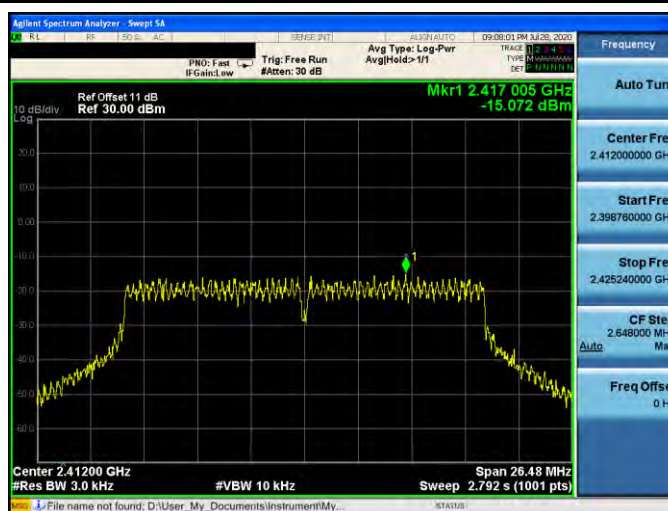
操作模式 : Mode 2 / Mode 3 / Mode 4 / Mode 5			
操作模式	頻道	量測值 (dBm)	限制值 (dBm/3 kHz)
		ANT-0+1	
Mode 2	CH01	-5.443	≤ 8.00
	CH06	-5.541	≤ 8.00
	CH11	-5.446	≤ 8.00
Mode 3	CH01	-11.819	≤ 8.00
	CH06	-7.121	≤ 8.00
	CH11	-11.876	≤ 8.00
Mode 4	CH01	-12.363	≤ 8.00
	CH06	-8.417	≤ 8.00
	CH11	-12.244	≤ 8.00
Mode 5	CH03	-16.356	≤ 8.00
	CH06	-11.745	≤ 8.00
	CH09	-16.666	≤ 8.00



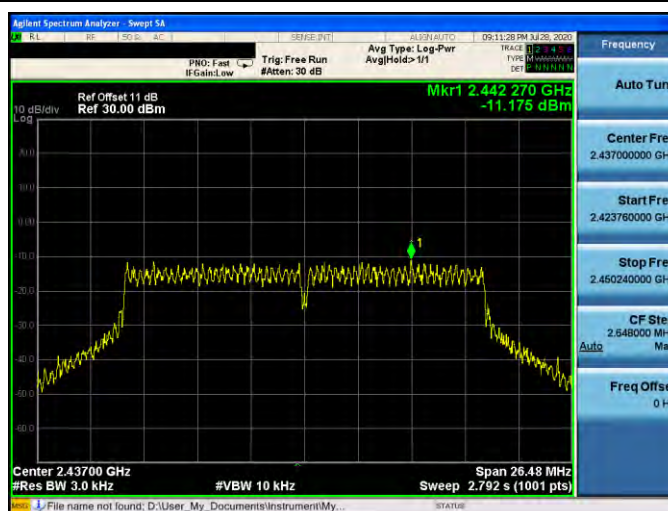


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-0

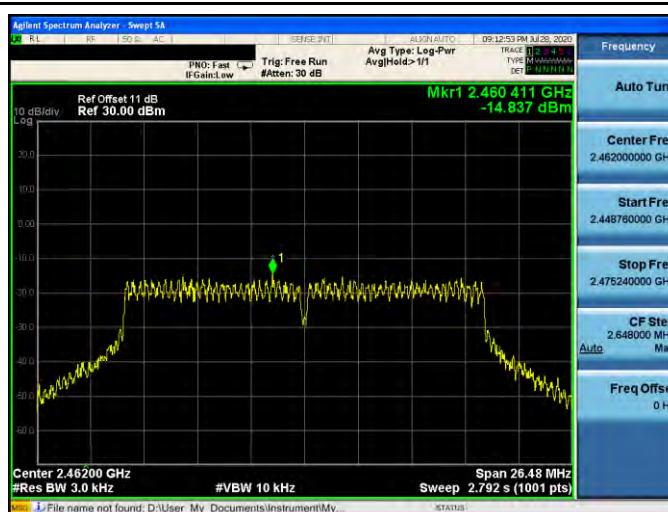
CH01



CH06

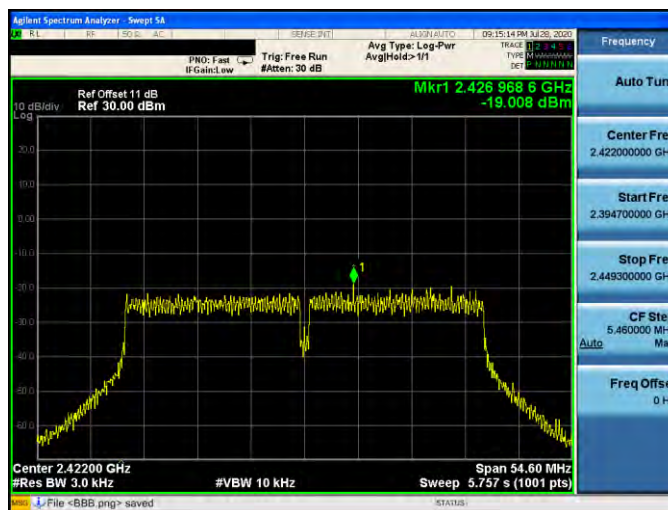


CH11

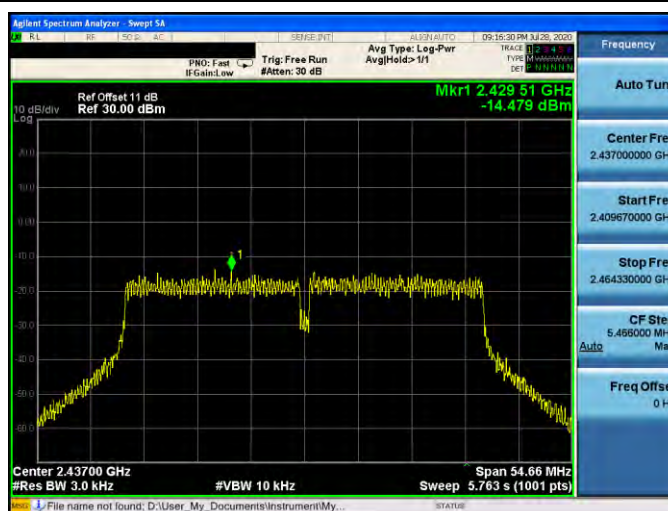


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0

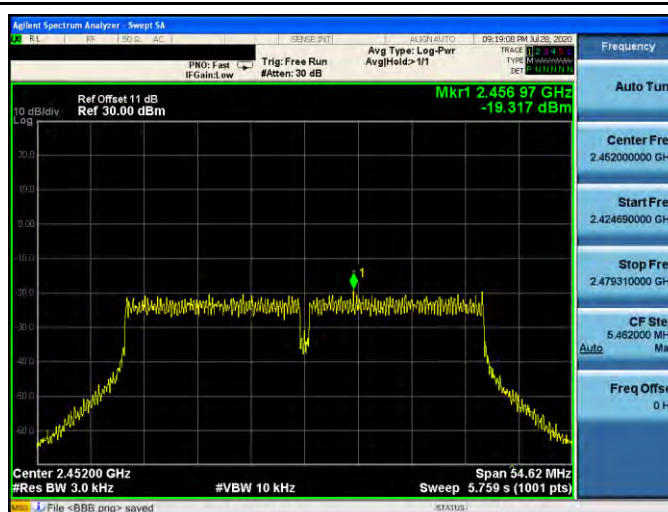
CH03

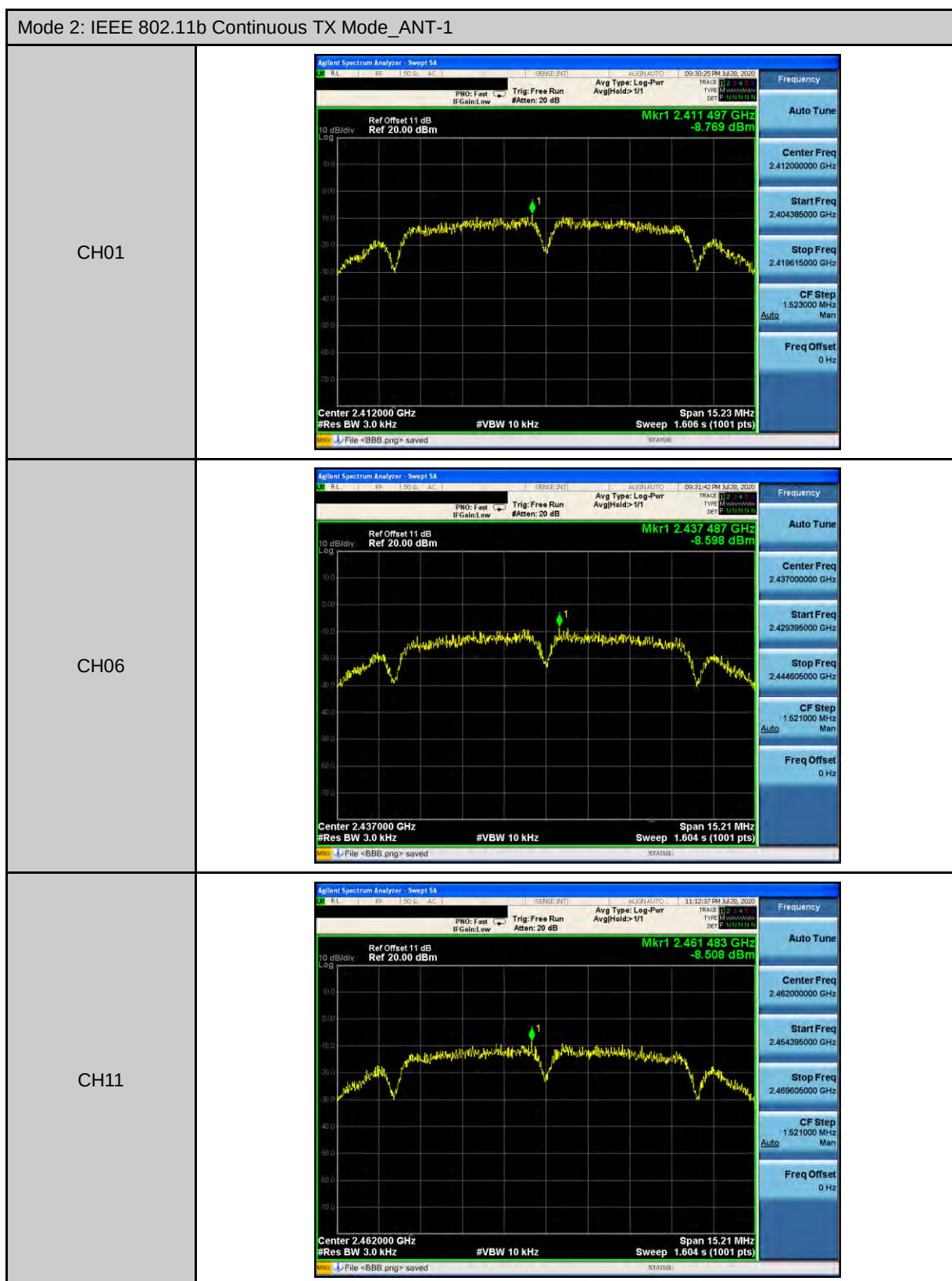


CH06



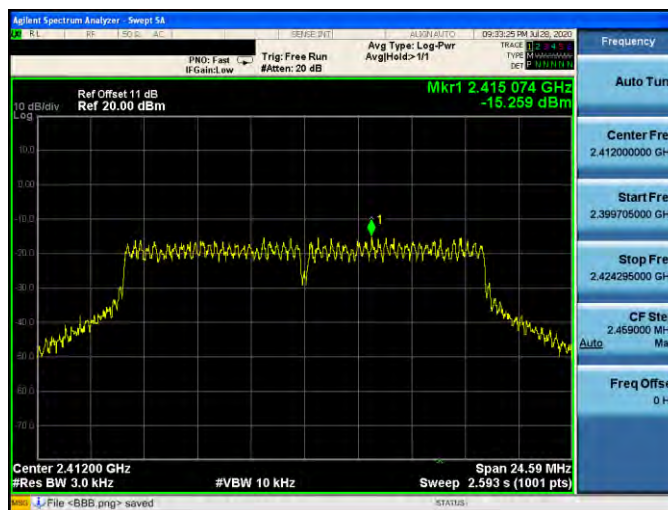
CH09



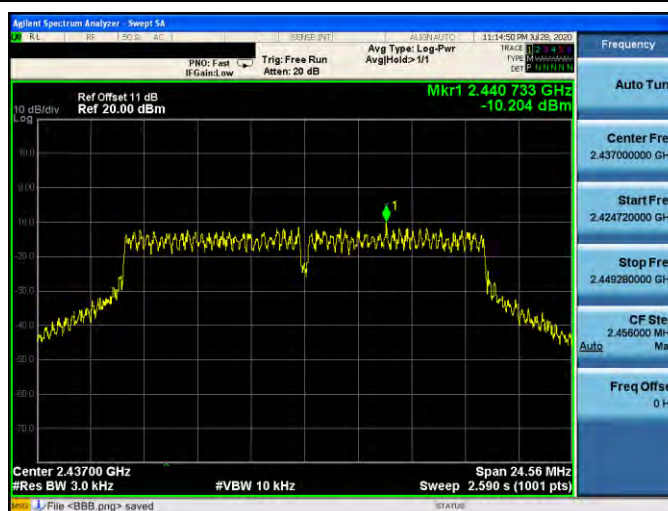


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

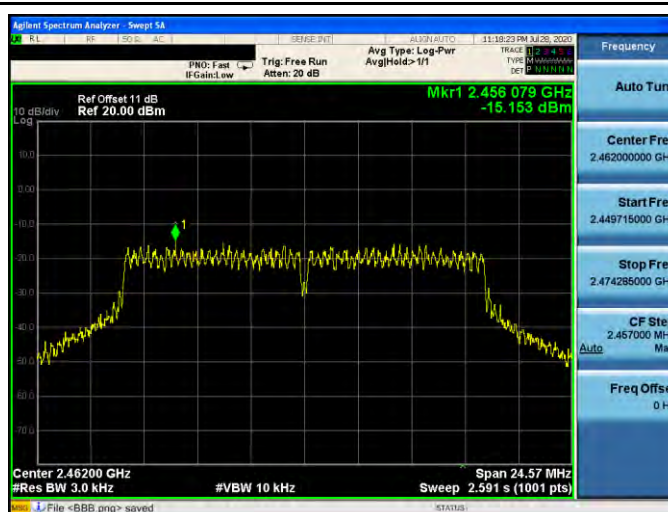
CH01



CH06

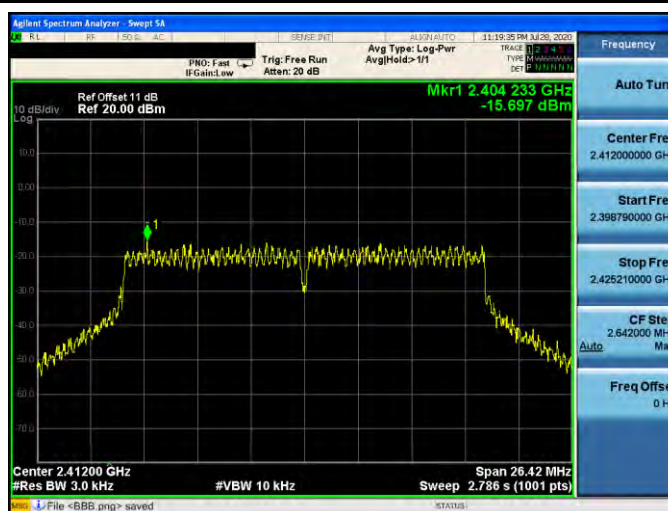


CH11

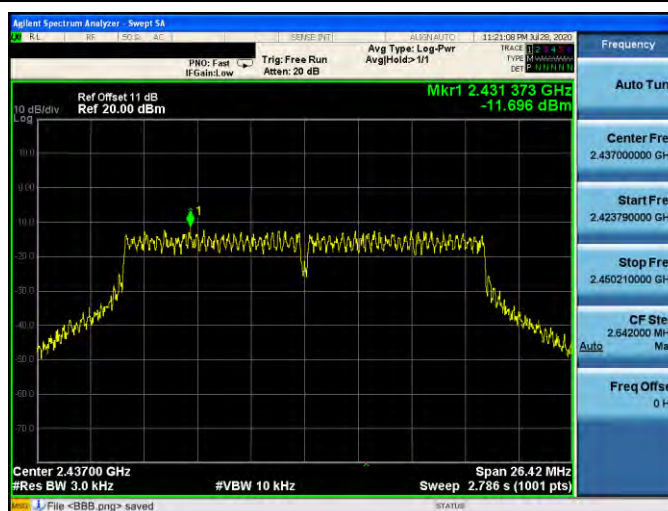


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-1

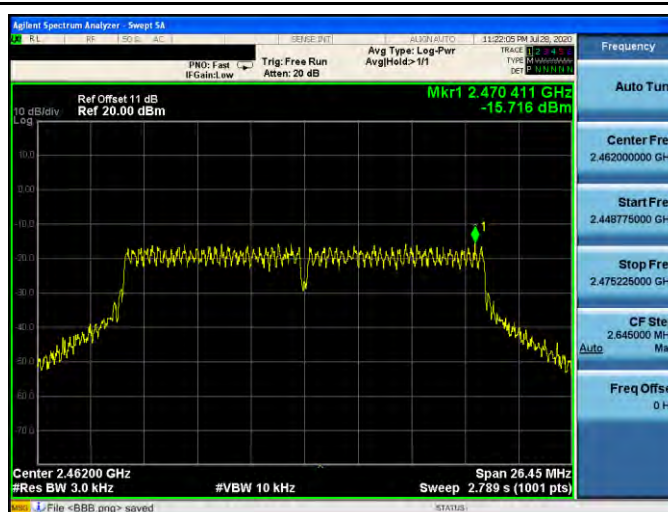
CH01



CH06

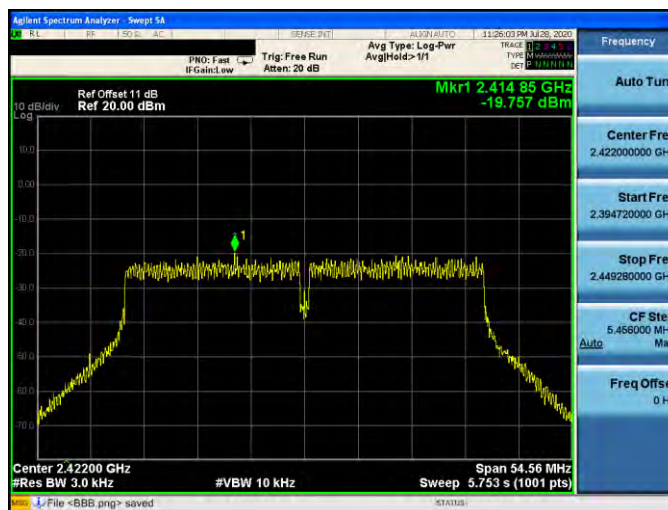


CH11

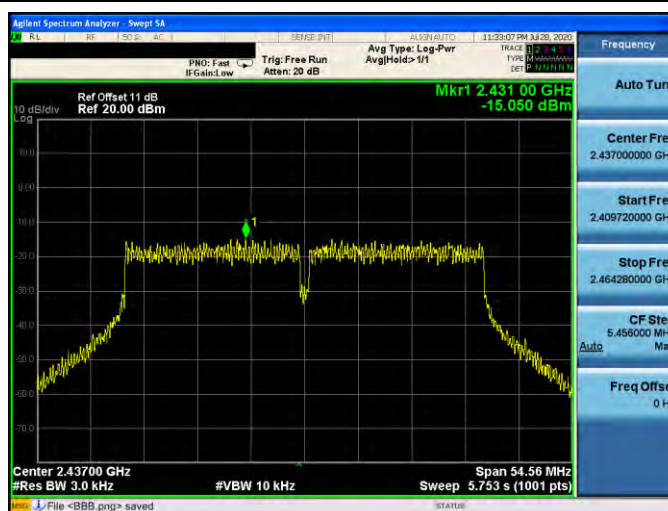


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1

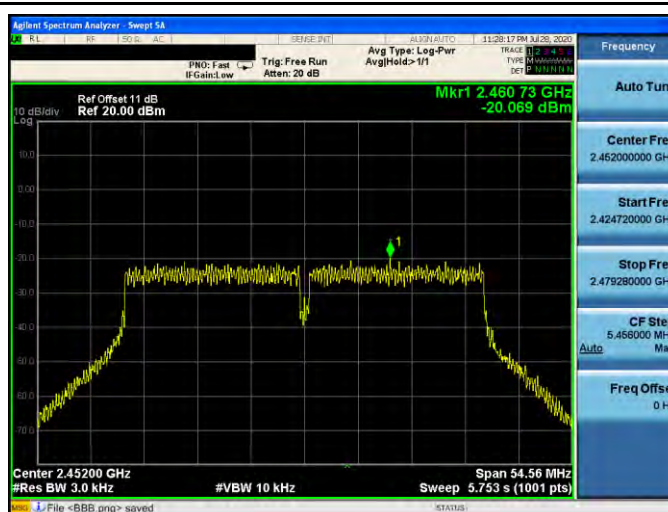
CH03



CH06



CH09



4.3 5 GHz U-NII 檢驗項目

4.3.1 場強輻射與非必要頻帶之量測

場強輻射合格標準：

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

依據 NCC 低功率射頻電機技術規範第 2.7 節之規定,禁用頻段如下：

頻率(MHz)	頻率(MHz)	頻率(MHz)	頻率(MHz)
0.090~0.110	108.00~138.00	1660.0~1770.0	8025.0~8500.0
0.490~0.510	149.90~150.05	1805.0~1865.0	9000.0~9200.0
2.172~2.198	156.70~156.90	1885.0~1900.0	9300.0~9500.0
3.013~3.033	162.01~167.17	1905.0~1985.0	10600~12700
4.115~4.198	167.72~173.20	2015.0~2025.0	13250~13400
5.670~5.690	240.00~285.00	2125.0~2165.0	14470~14500
6.200~6.300	322.00~335.40	2200.0~2300.0	15350~16200
8.230~8.400	399.90~410.00	2310.0~2390.0	17700~21400
12.265~12.600	485.00~510.00	2483.5~2900.0	22010~23120
13.340~13.430	608.00~614.00	3260.0~3267.0	23600~24000
14.965~15.020	703.00~748.00	3332.0~3339.0	31200~31800
16.700~16.755	758.00~803.00	3345.8~3358.0	36430~36500
19.965~20.020	825.00~915.00	3500.0~4400.0	38600 以上
25.500~25.700	930.00~1240.0	4500.0~5250.0	
37.475~38.275	1300.0~1427.0	5350.0~5460.0	
73.500~75.400	1435.0~1626.5	7250.0~7750.0	

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

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

非必要頻帶合格標準：

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

不必要發射之限值：在操作頻帶外的峰值發射應衰減至符合下列限值：

1. 在 5.15 GHz~5.35 GHz 及 5.470 GHz~5.725 GHz 頻帶操作的發射器：帶外發射之有效等向輻射功率(EIRP) $\leq$ -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 2.8 條之規定，任何使用市電為供應電源之設備亦須符合 2.3 條之電源線傳導限值。
6. 不必要發射頻率屬第 2.7 條規定頻帶者，應符合第 2.8 條之規定。

測試方法：

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

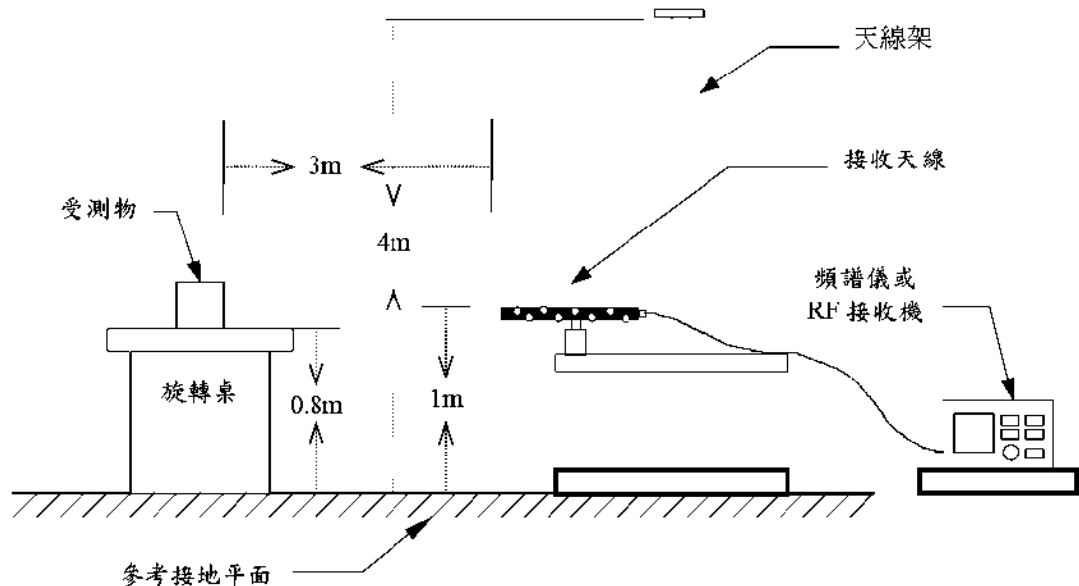
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

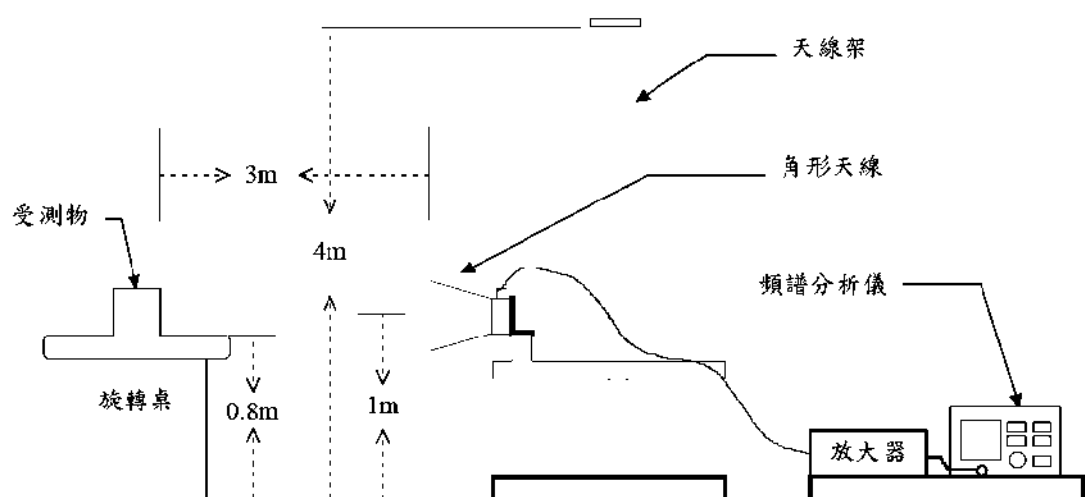
其中校正因子為：天線因子 + 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置

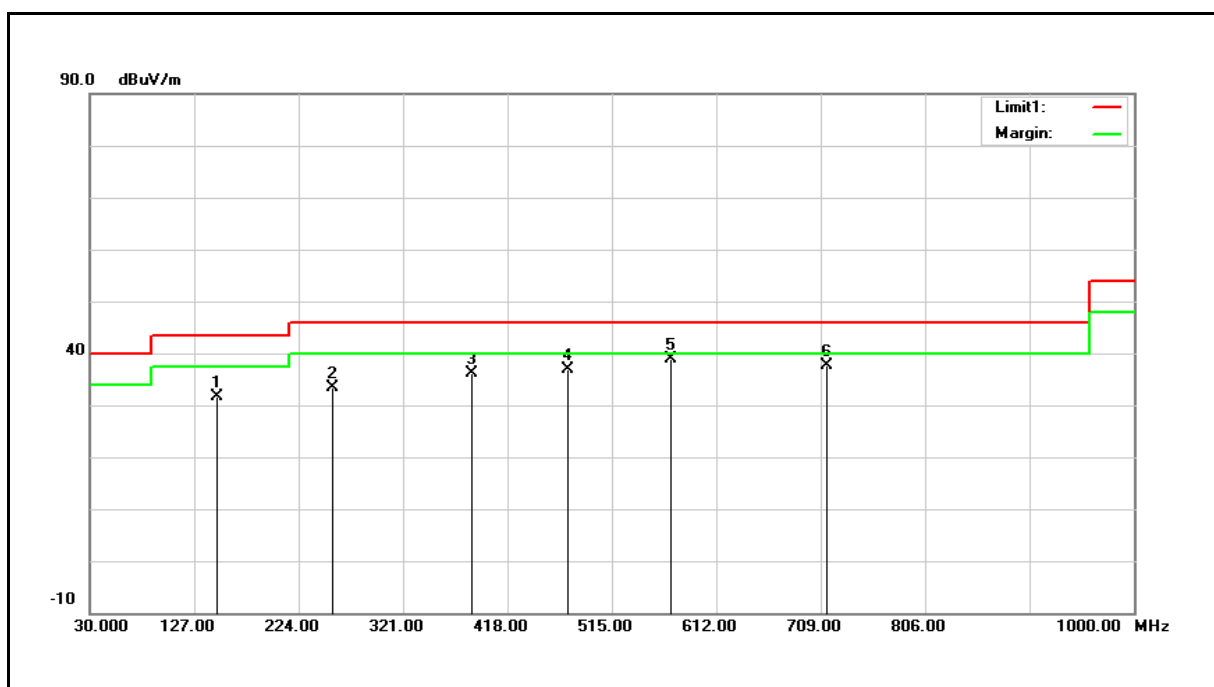


量測頻率高於 1 GHz 以上之測試配置



其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	5700 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	148.3400	37.46	-5.83	31.63	43.50	-11.87	QP
2	255.0400	39.17	-5.79	33.38	46.00	-12.62	QP
3	385.0200	38.72	-2.48	36.24	46.00	-9.76	QP
4	474.2600	37.42	-0.43	36.99	46.00	-9.01	QP
5	569.3200	37.27	1.60	38.87	46.00	-7.13	QP
6	714.8200	33.30	4.31	37.61	46.00	-8.39	QP

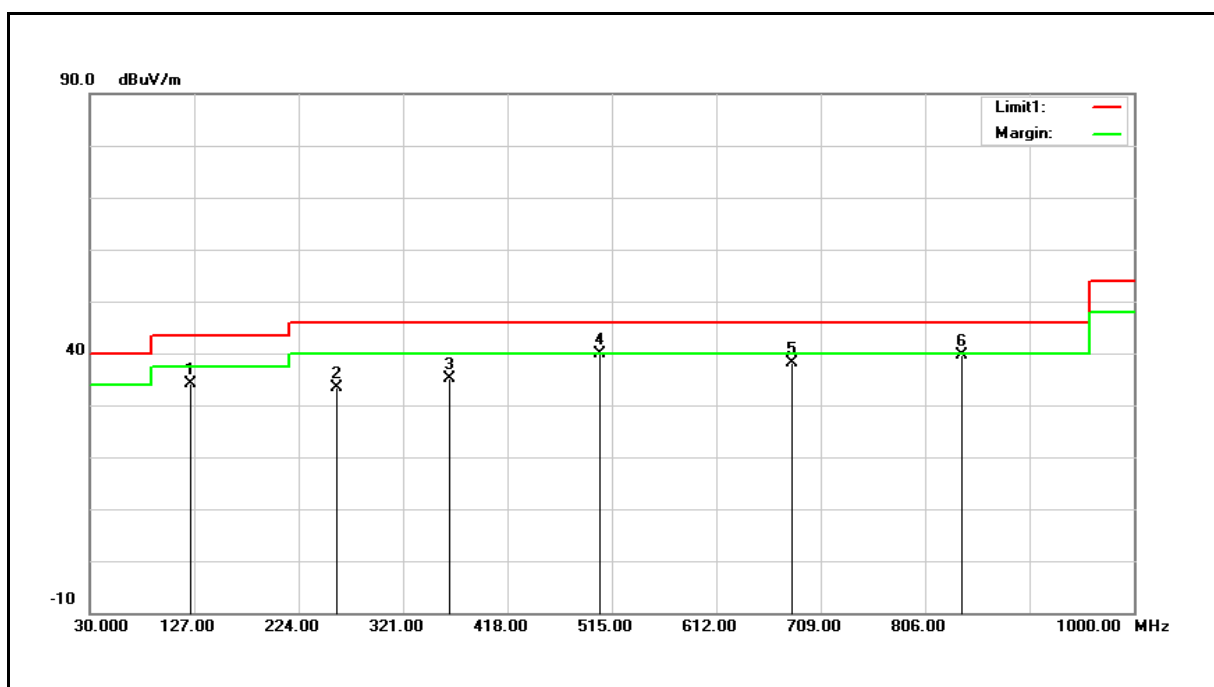
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $31.63 = -5.83 + 37.46$

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

3. 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:	5700 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	123.1200	42.29	-8.10	34.19	43.50	-9.31	QP
2	258.9200	39.03	-5.62	33.41	46.00	-12.59	QP
3	364.6500	38.25	-3.02	35.23	46.00	-10.77	QP
4	503.3600	39.97	-0.06	39.91	46.00	-6.09	QP
5	682.8100	34.61	3.58	38.19	46.00	-7.81	QP
6	839.9500	33.04	6.48	39.52	46.00	-6.48	QP

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

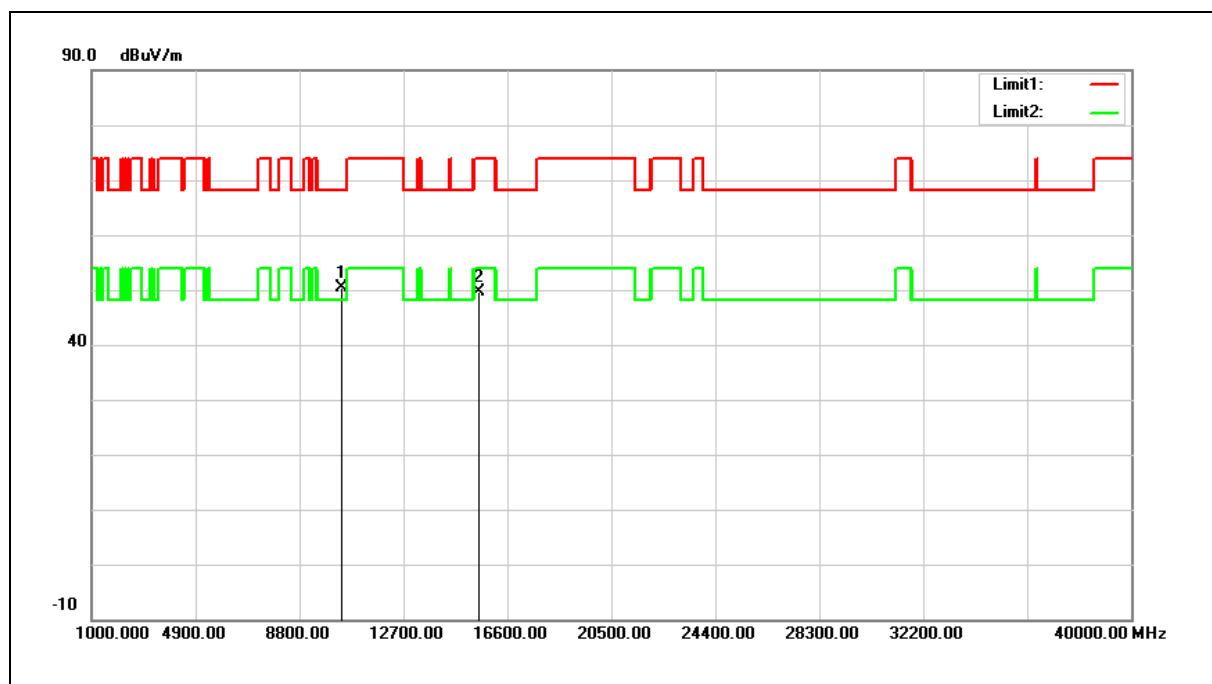
Example: $34.19 = -8.10 + 42.29$

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

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

場強輻射量側 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	45.71	4.55	50.26	68.20	-17.94	peak
2	15540.000	42.09	7.66	49.75	74.00	-24.25	peak

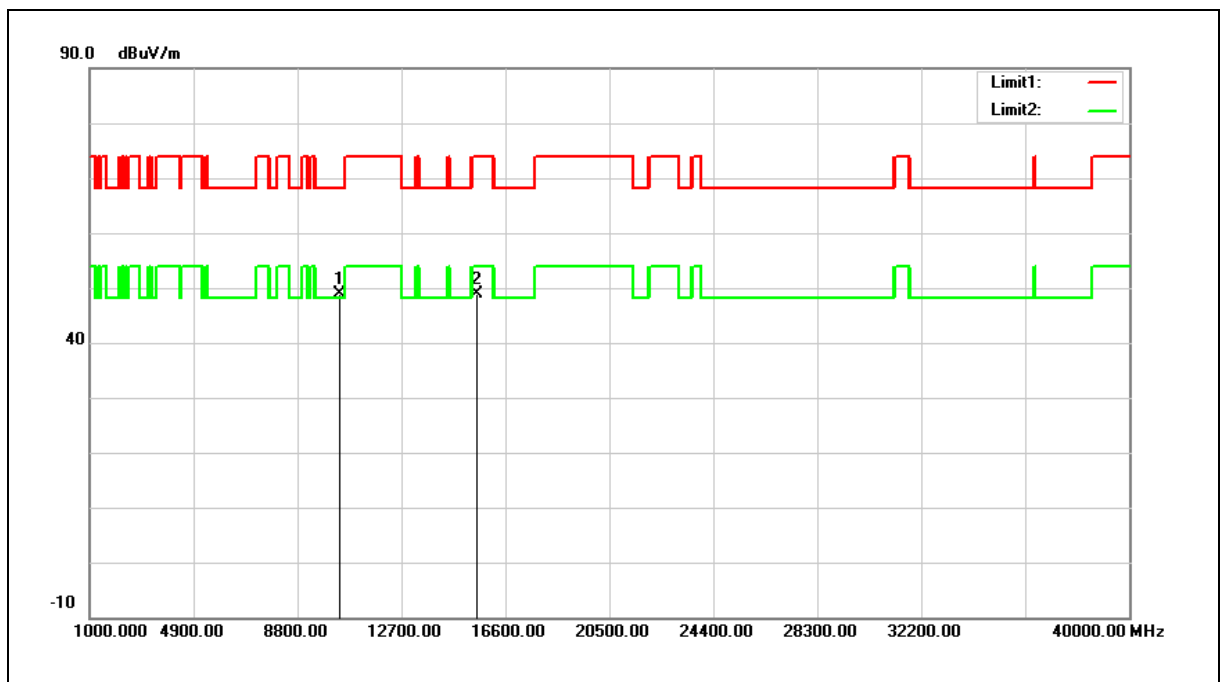
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $50.26 = 4.55 + 45.71$

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.37	4.55	48.92	68.20	-19.28	peak
2	15540.000	41.26	7.66	48.92	74.00	-25.08	peak

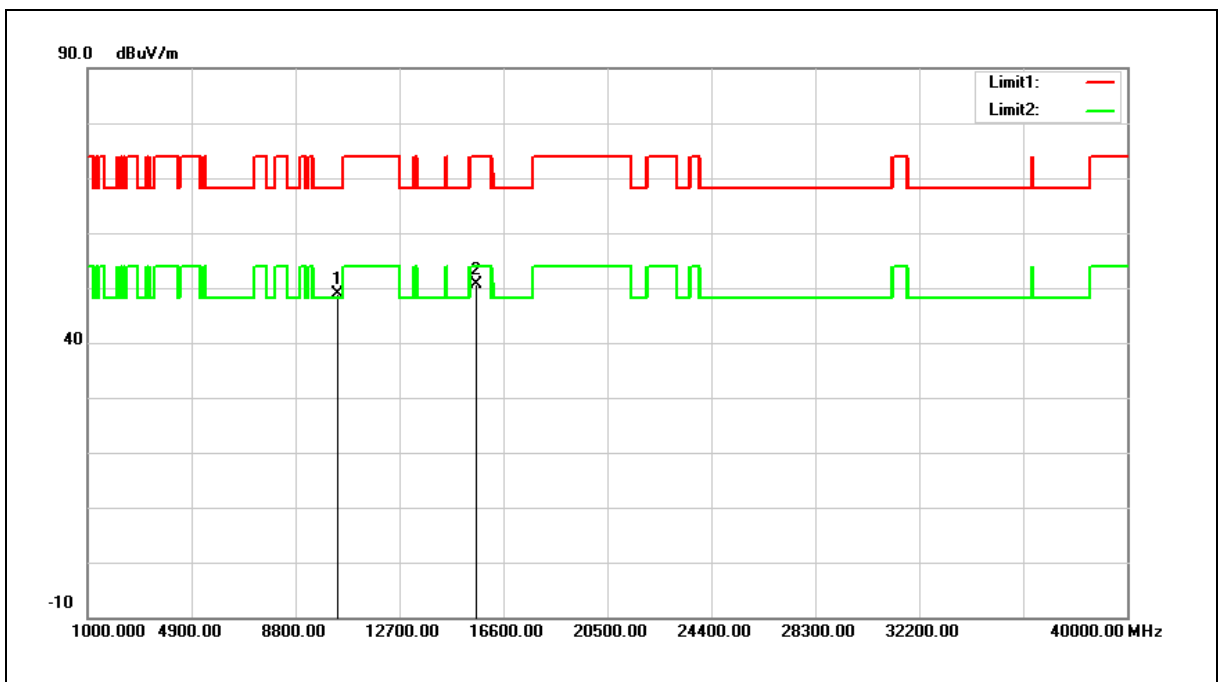
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $48.92 = 4.55 + 44.37$

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

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

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



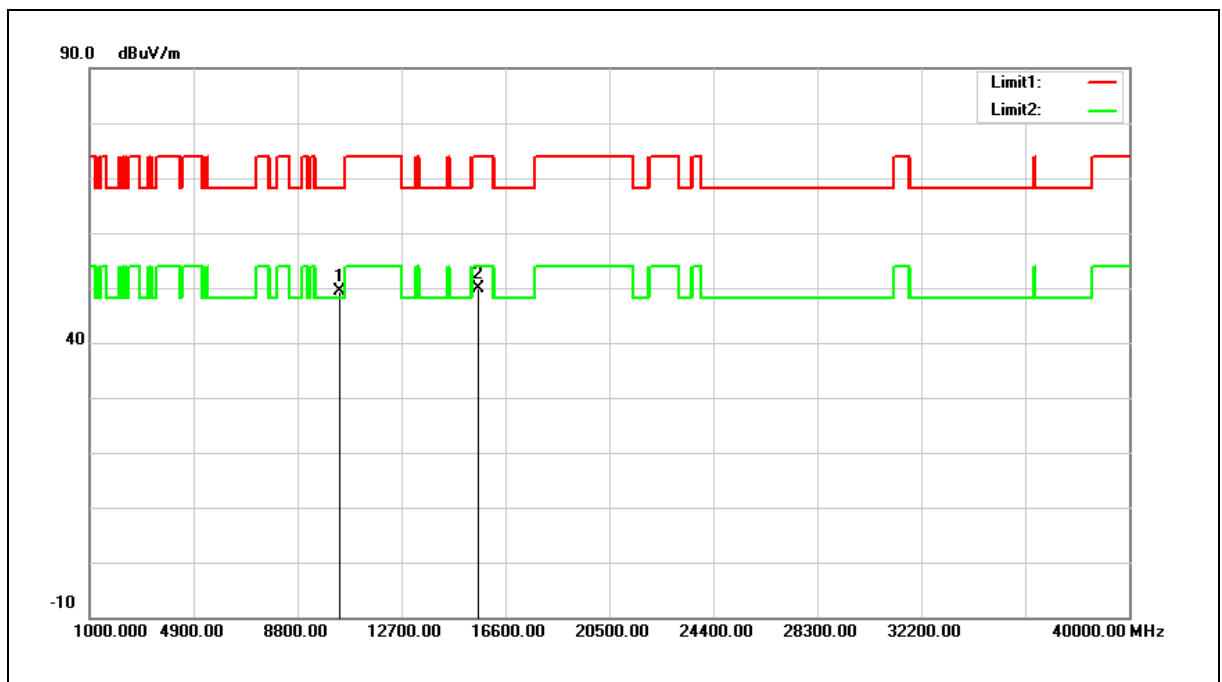
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	44.19	4.62	48.81	68.20	-19.39	peak
2	15600.000	43.06	7.55	50.61	74.00	-23.39	peak

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

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

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

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



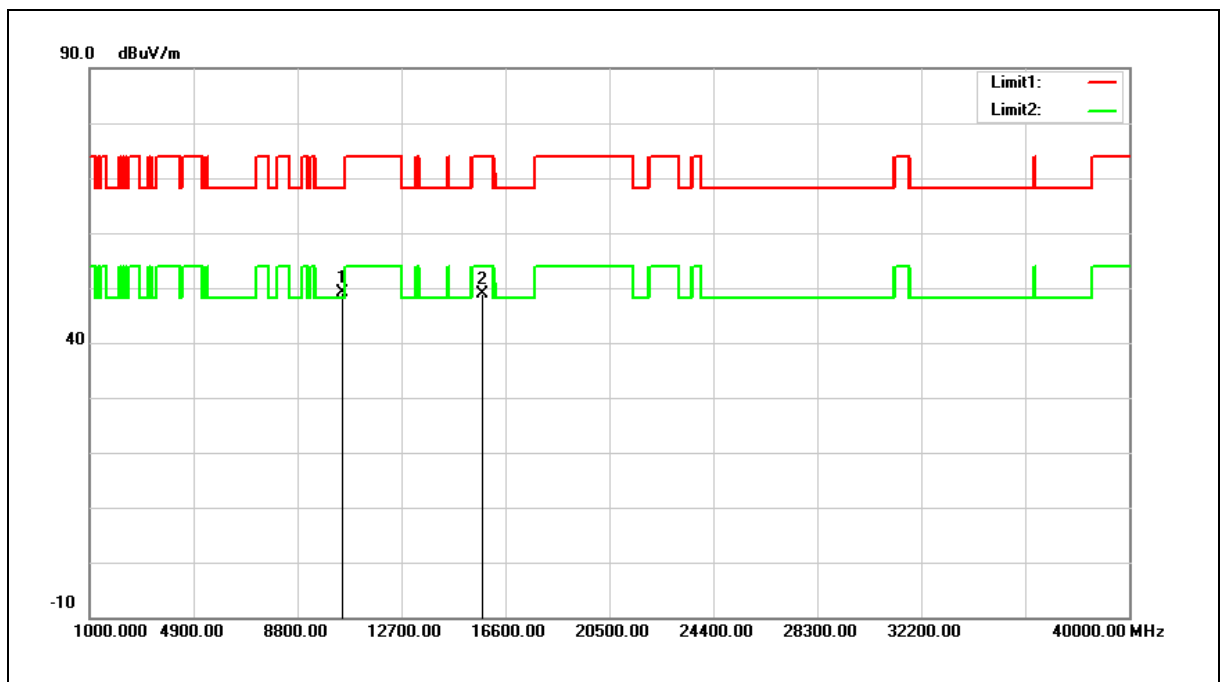
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	44.75	4.62	49.37	68.20	-18.83	peak
2	15600.000	42.38	7.55	49.93	74.00	-24.07	peak

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

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

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

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



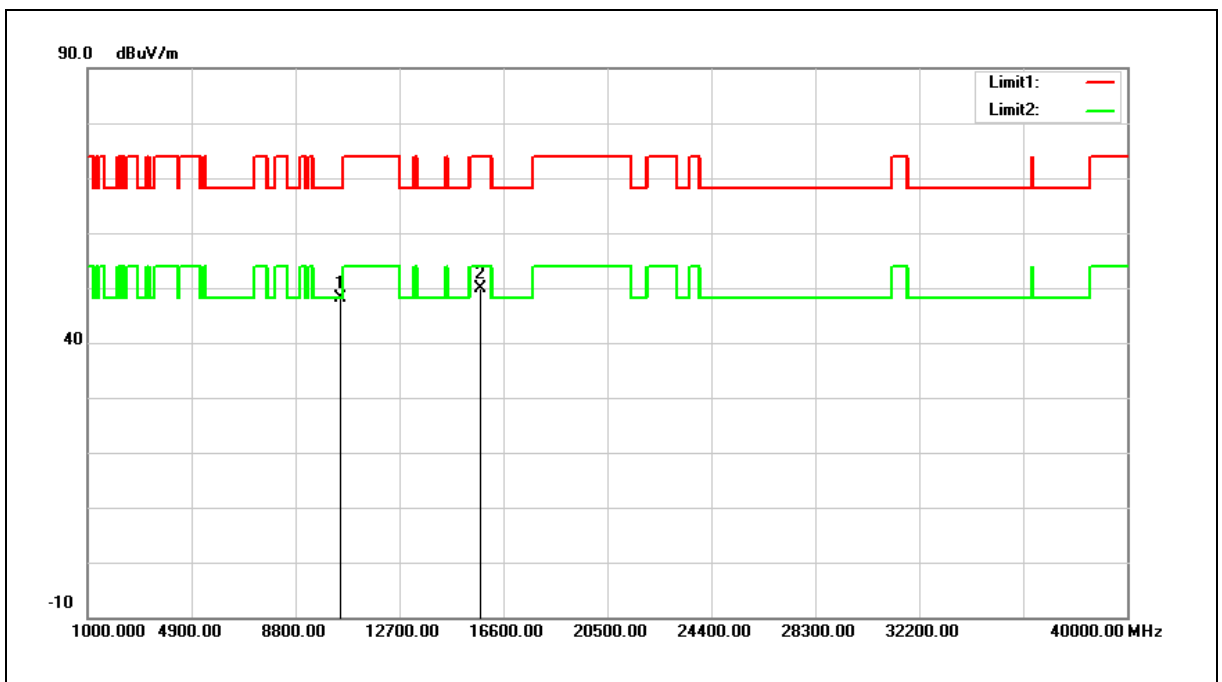
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	44.38	4.78	49.16	68.20	-19.04	peak
2	15720.000	41.56	7.31	48.87	74.00	-25.13	peak

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

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

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

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



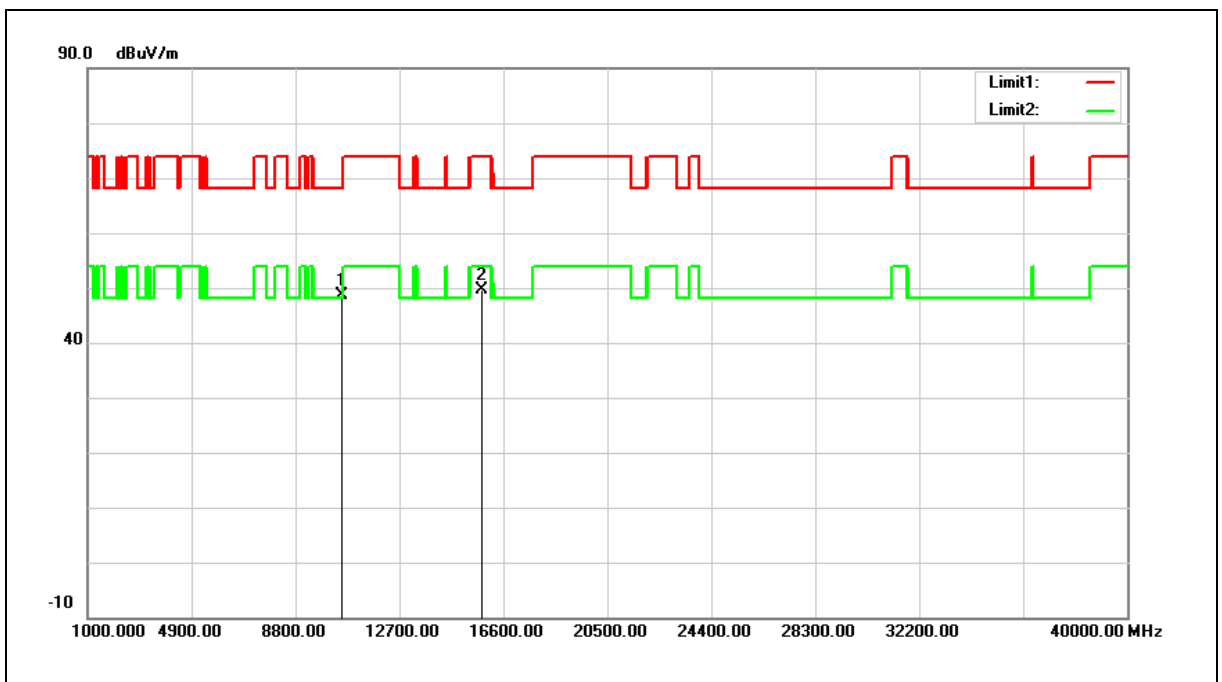
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	43.32	4.78	48.10	68.20	-20.10	peak
2	15720.000	42.45	7.31	49.76	74.00	-24.24	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



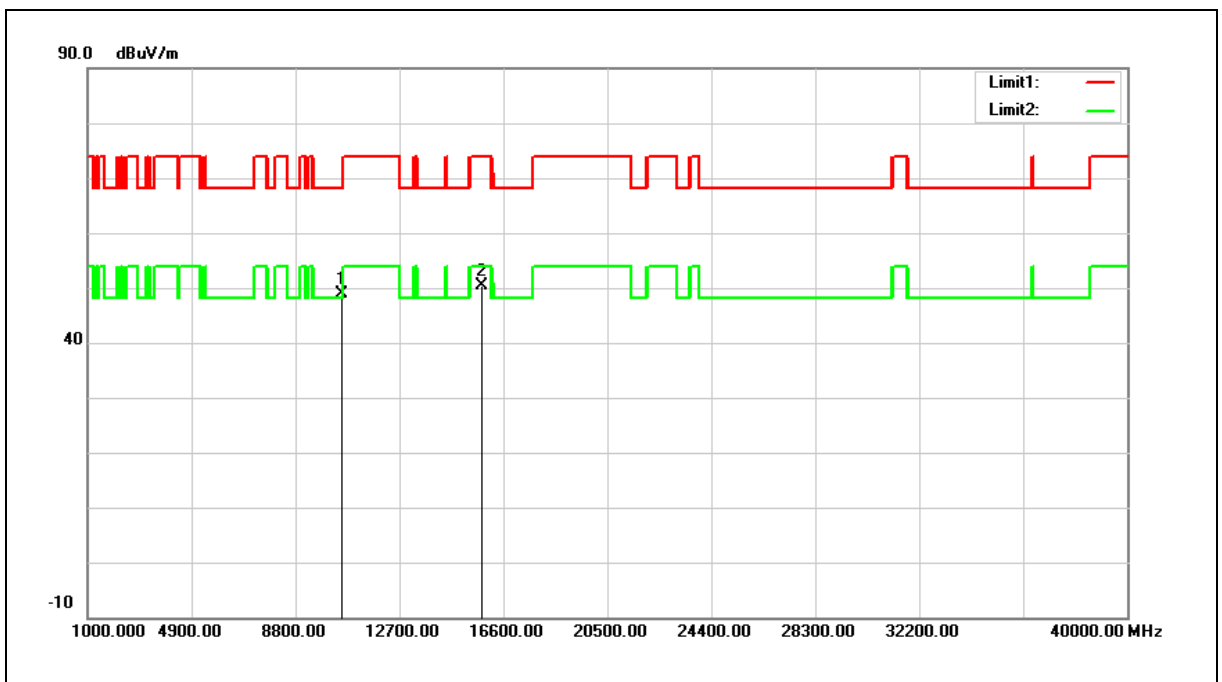
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	43.77	4.82	48.59	68.20	-19.61	peak
2	15780.000	42.36	7.19	49.55	74.00	-24.45	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



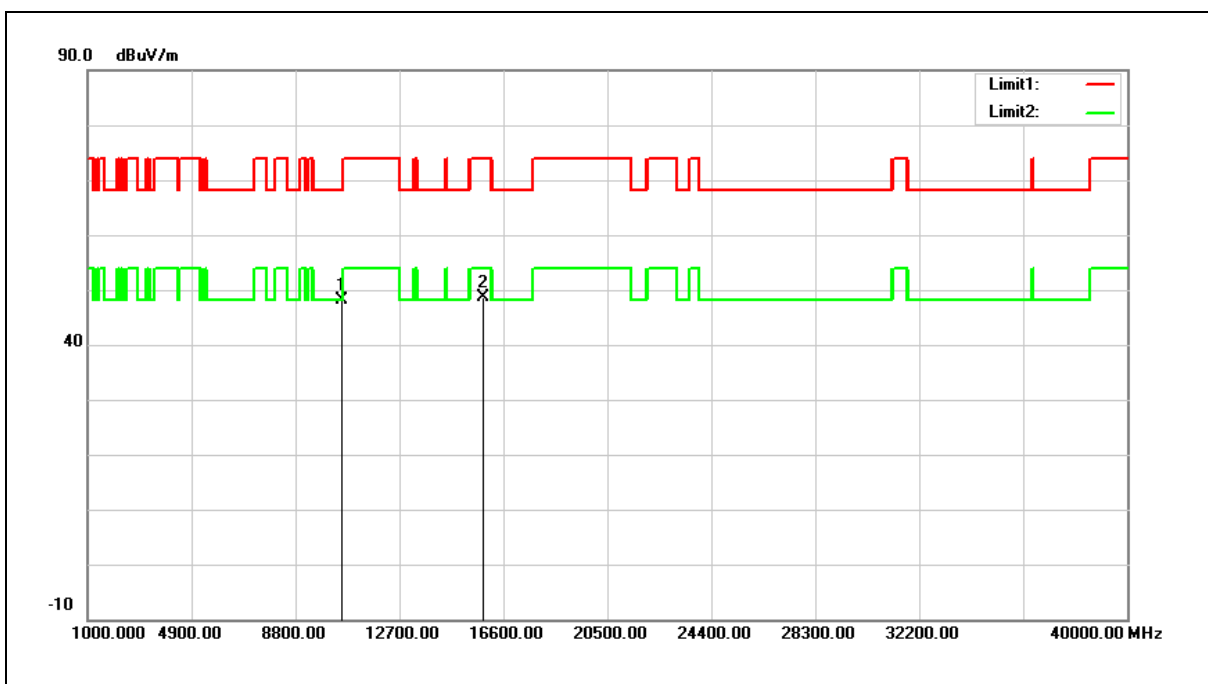
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	44.16	4.82	48.98	68.20	-19.22	peak
2	15780.000	43.08	7.19	50.27	74.00	-23.73	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



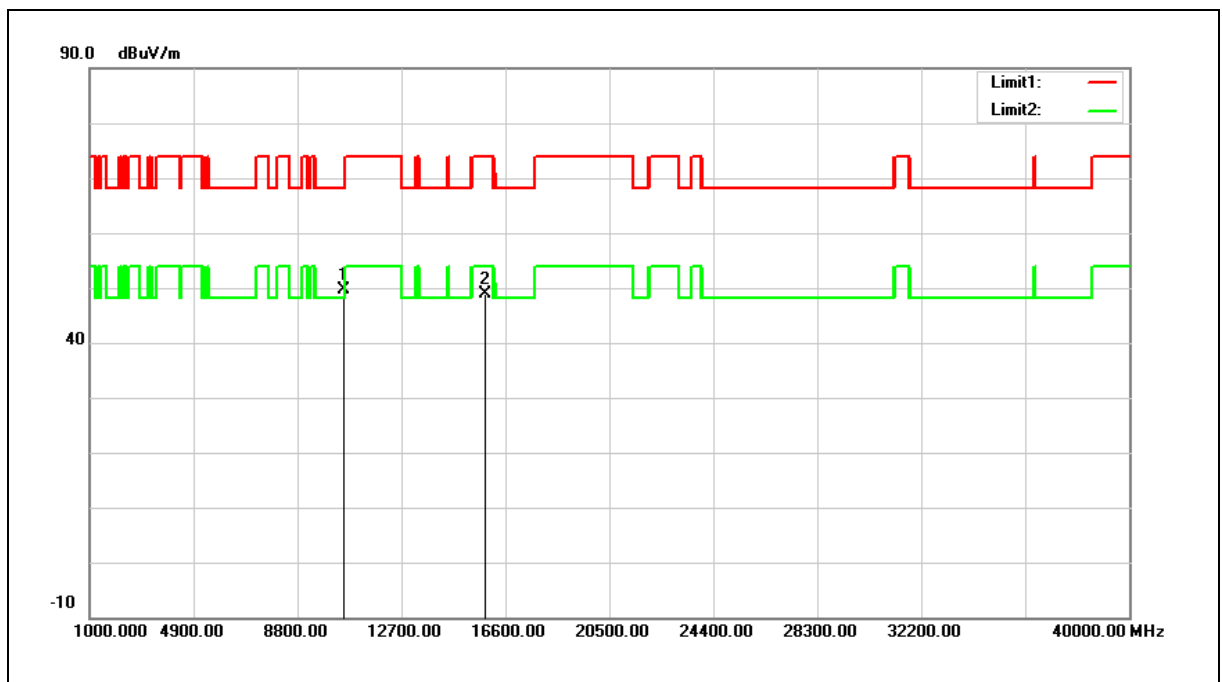
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	43.26	4.85	48.11	68.20	-20.09	peak
2	15840.000	41.64	7.06	48.70	74.00	-25.30	peak

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:	5280 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



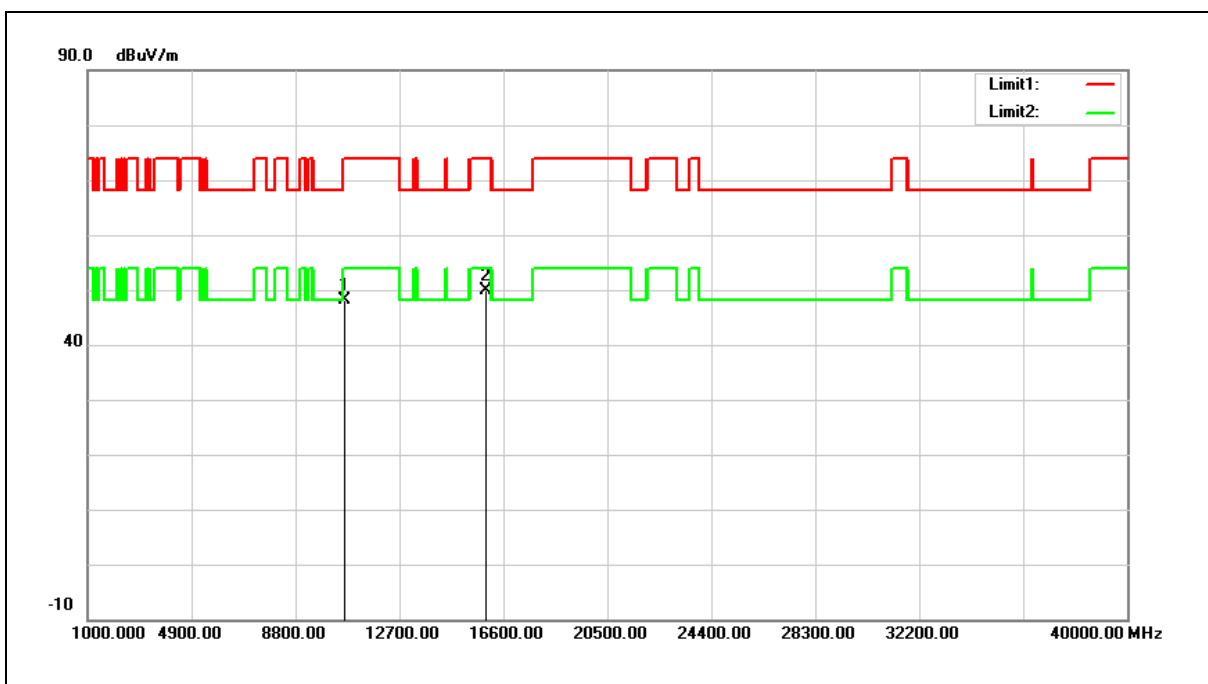
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	44.77	4.85	49.62	68.20	-18.58	peak
2	15840.000	41.76	7.06	48.82	74.00	-25.18	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



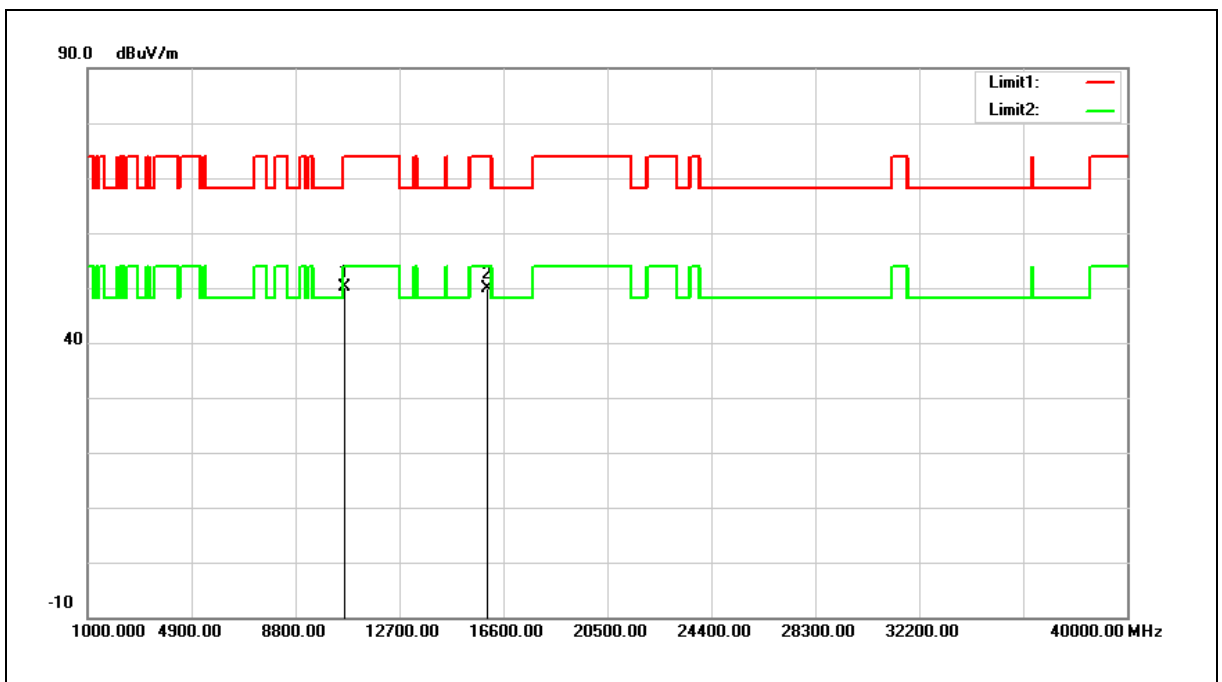
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	43.32	4.91	48.23	74.00	-25.77	peak
2	15960.000	43.04	6.84	49.88	74.00	-24.12	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



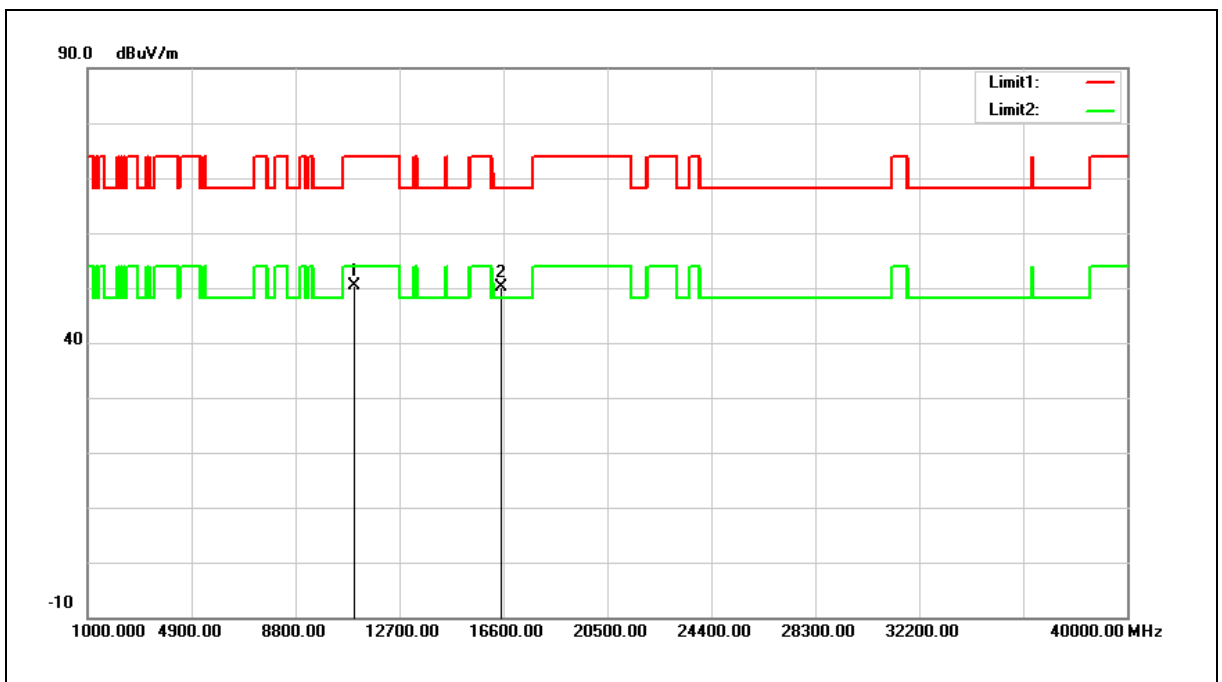
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	45.12	4.91	50.03	74.00	-23.97	peak
2	15960.000	43.09	6.84	49.93	74.00	-24.07	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



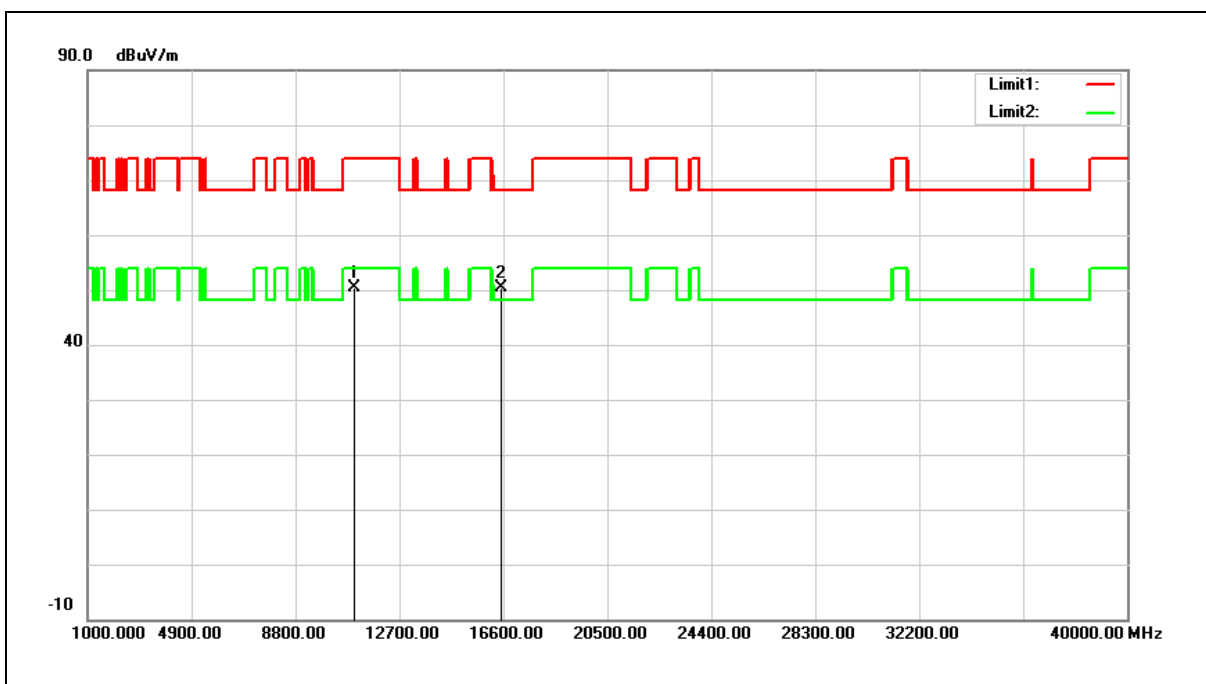
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	45.24	5.16	50.40	74.00	-23.60	peak
2	16500.000	41.98	8.18	50.16	68.20	-18.04	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



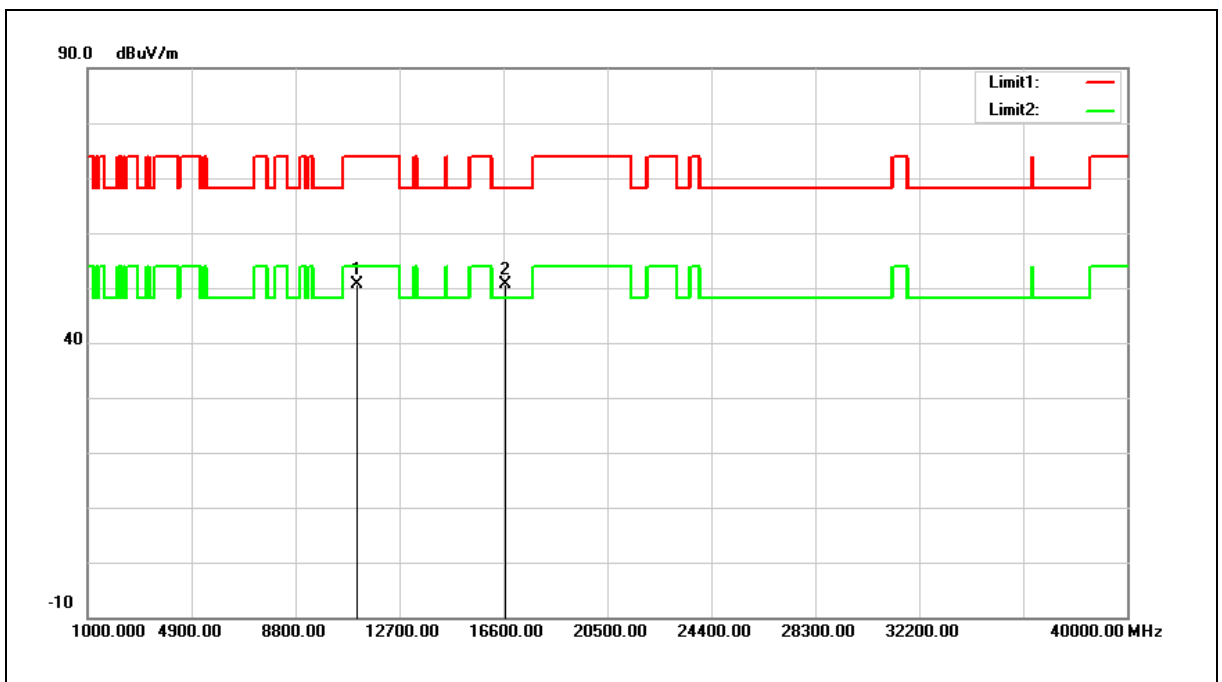
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	45.19	5.16	50.35	74.00	-23.65	peak
2	16500.000	42.27	8.18	50.45	68.20	-17.75	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



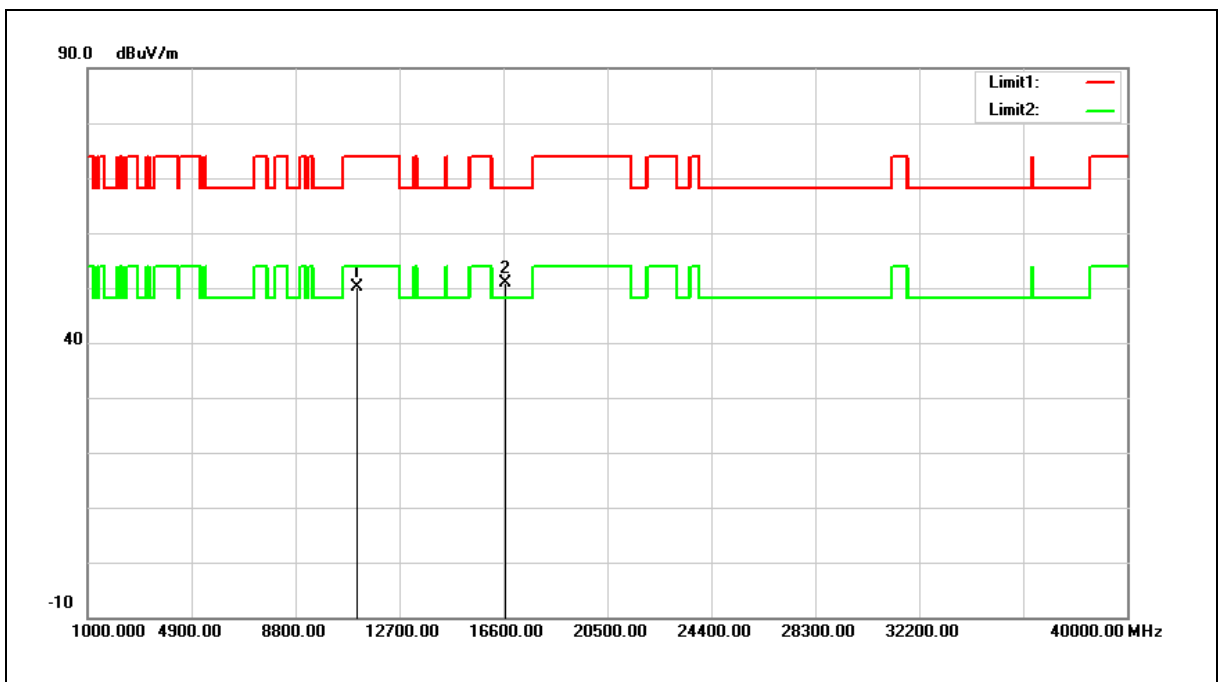
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	45.27	5.30	50.57	74.00	-23.43	peak
2	16680.000	41.73	8.84	50.57	68.20	-17.63	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



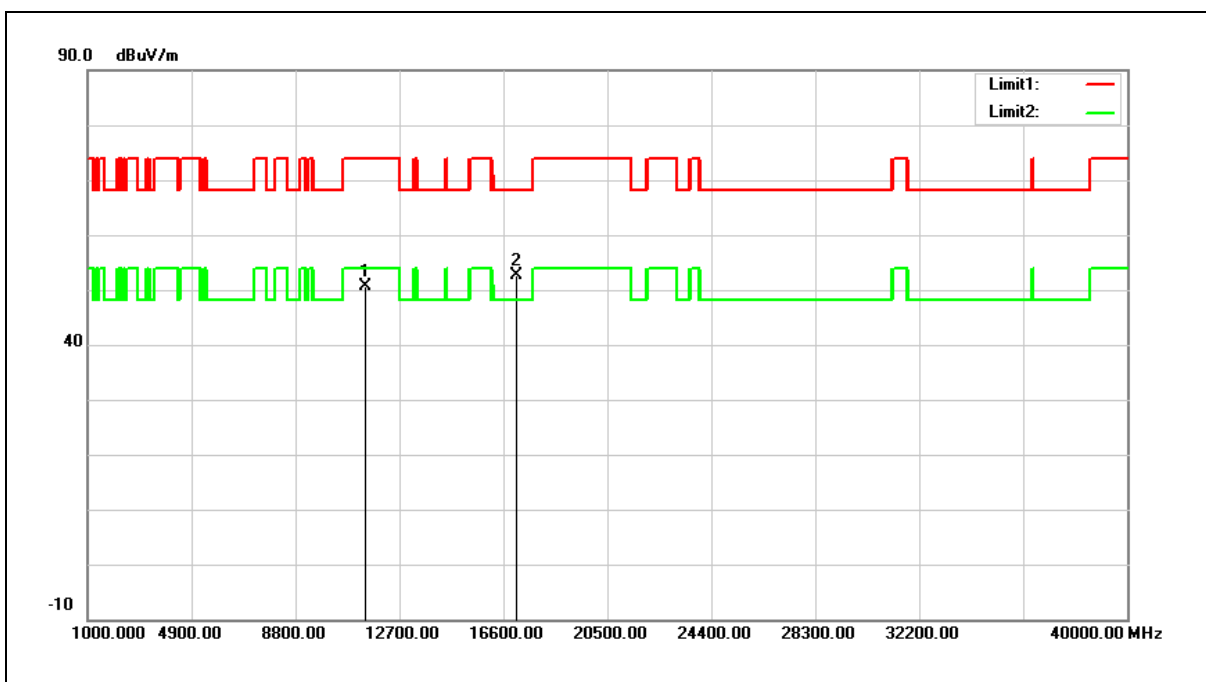
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	44.86	5.30	50.16	74.00	-23.84	peak
2	16680.000	41.96	8.84	50.80	68.20	-17.40	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



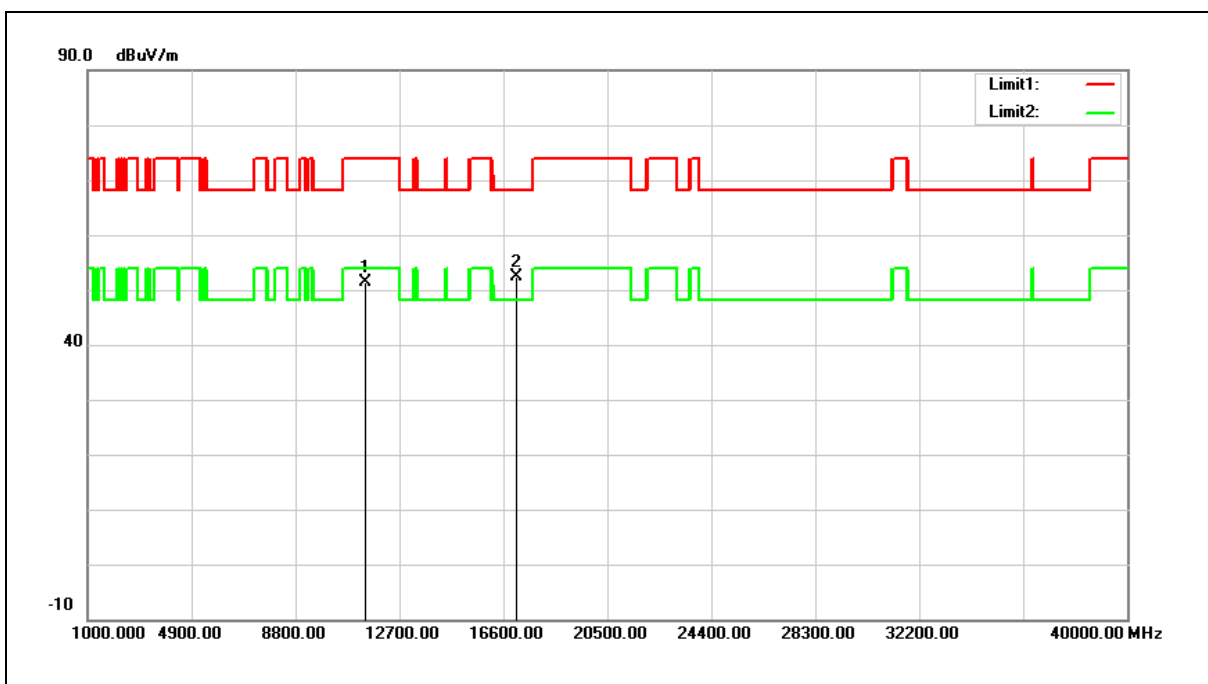
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	45.04	5.63	50.67	74.00	-23.33	peak
2	17100.000	42.42	10.27	52.69	68.20	-15.51	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



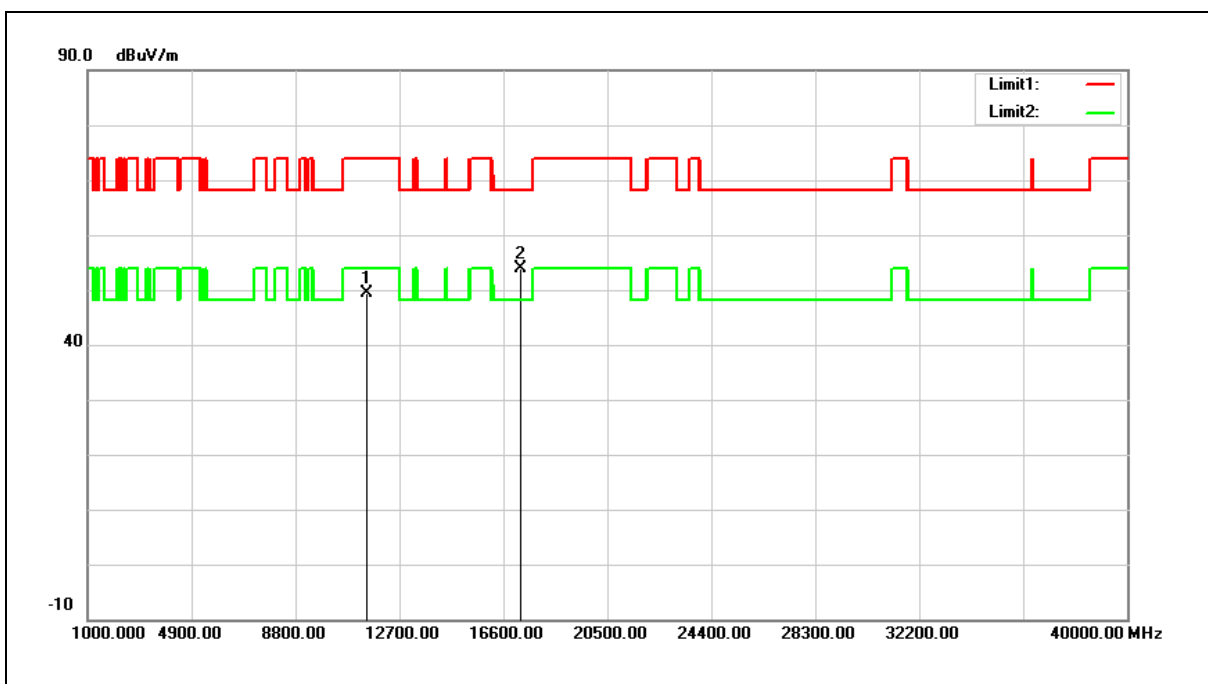
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	45.86	5.63	51.49	74.00	-22.51	peak
2	17100.000	41.99	10.27	52.26	68.20	-15.94	peak

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

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

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

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



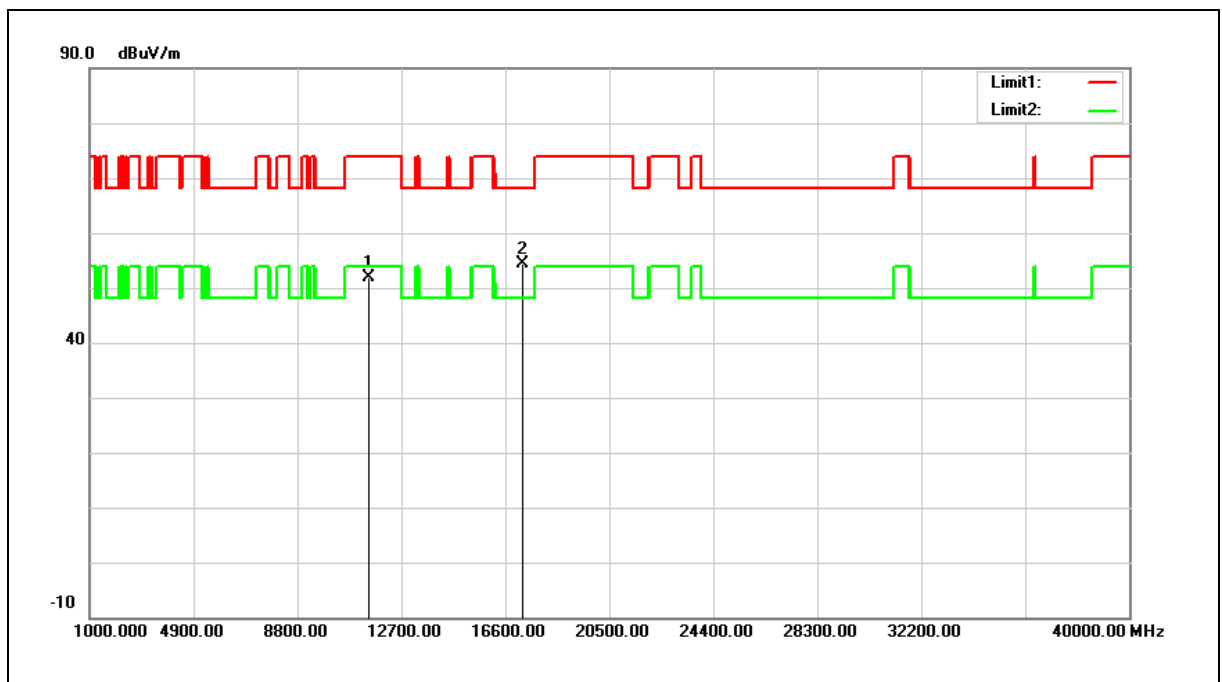
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	43.62	5.74	49.36	74.00	-24.64	peak
2	17235.000	43.32	10.60	53.92	68.20	-14.28	peak

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

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

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

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



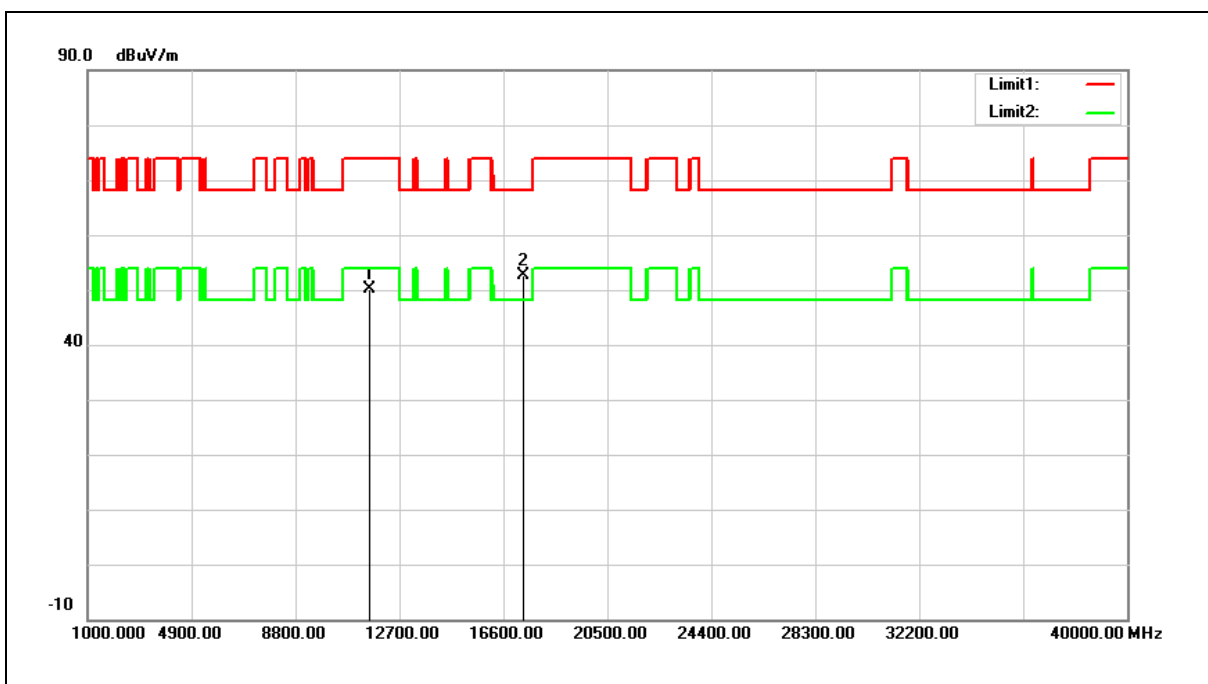
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	46.05	5.74	51.79	74.00	-22.21	peak
2	17235.000	43.74	10.60	54.34	68.20	-13.86	peak

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

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

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

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



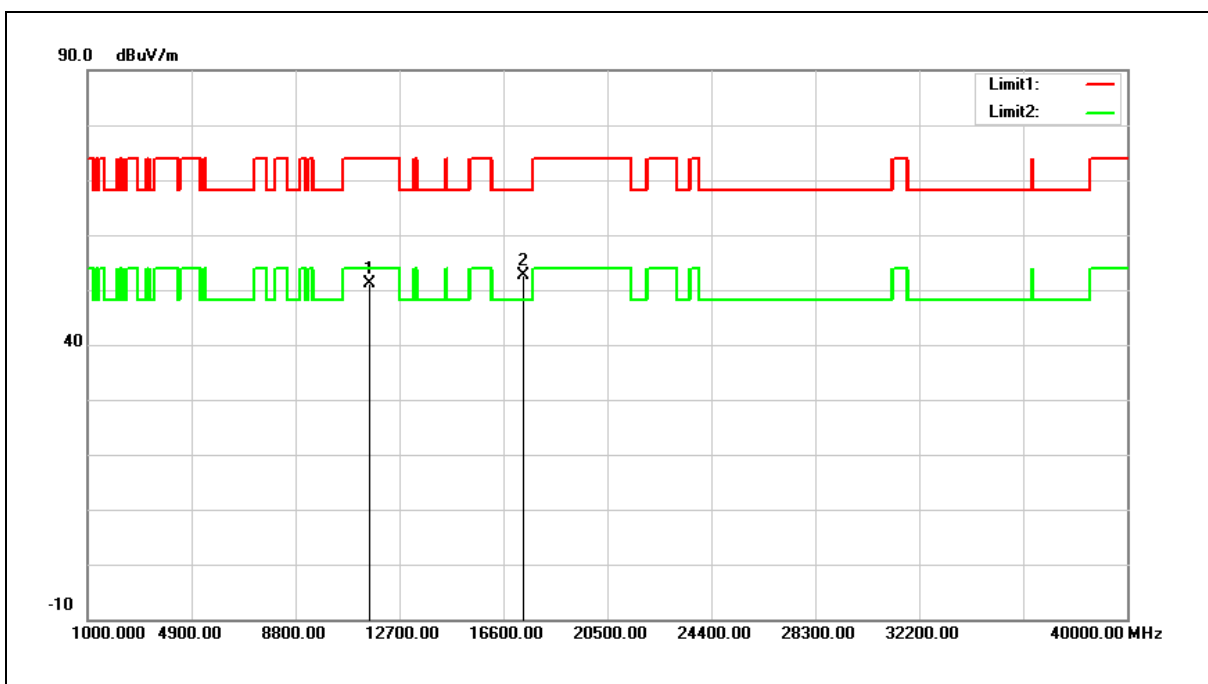
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	44.39	5.70	50.09	74.00	-23.91	peak
2	17355.000	41.62	10.92	52.54	68.20	-15.66	peak

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

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

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

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



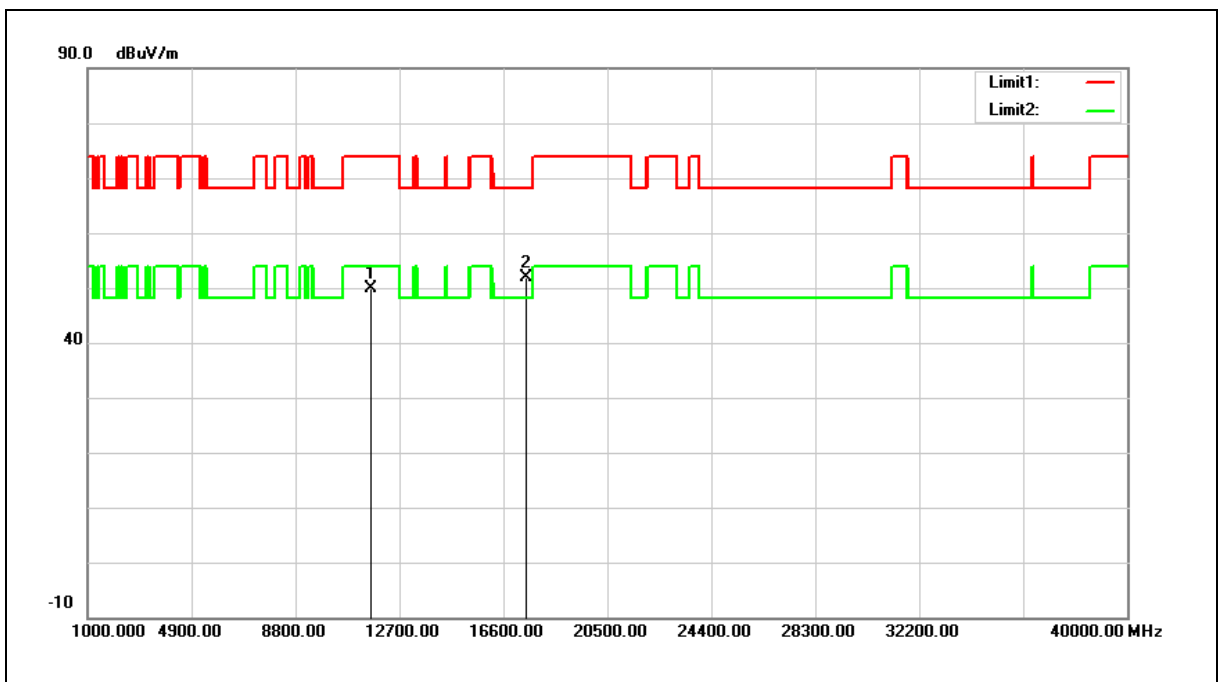
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	45.46	5.70	51.16	74.00	-22.84	peak
2	17355.000	41.70	10.92	52.62	68.20	-15.58	peak

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

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

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

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



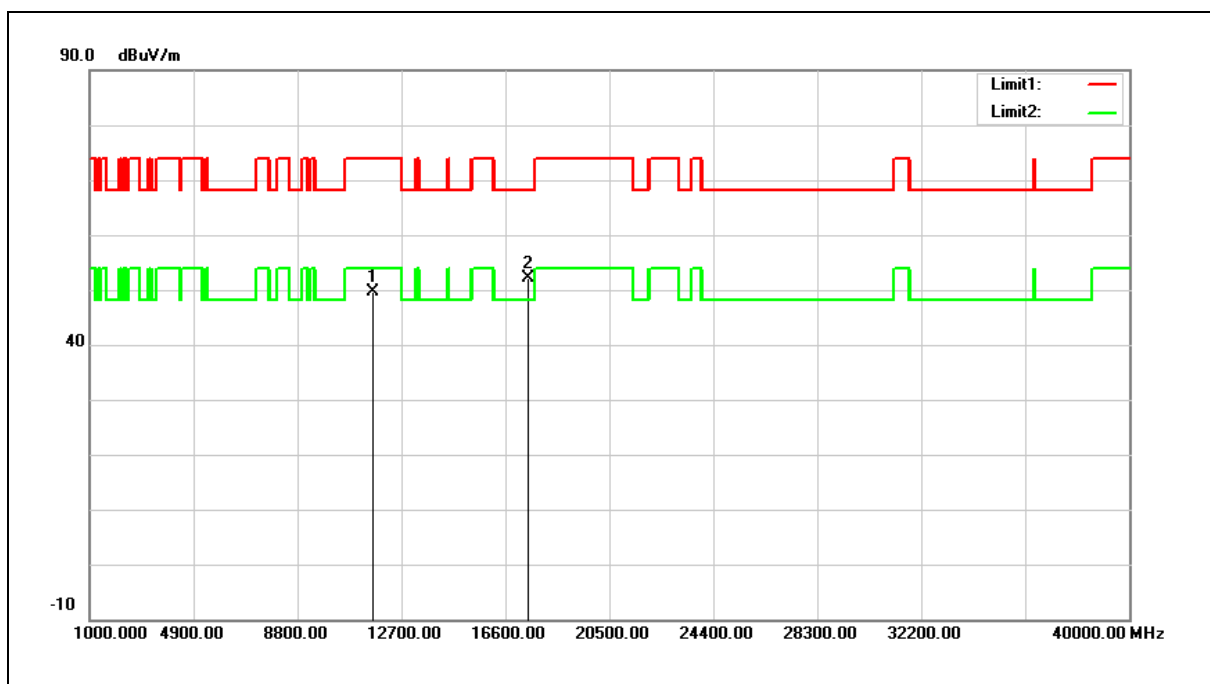
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	44.31	5.64	49.95	74.00	-24.05	peak
2	17475.000	40.69	11.22	51.91	68.20	-16.29	peak

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

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

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

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



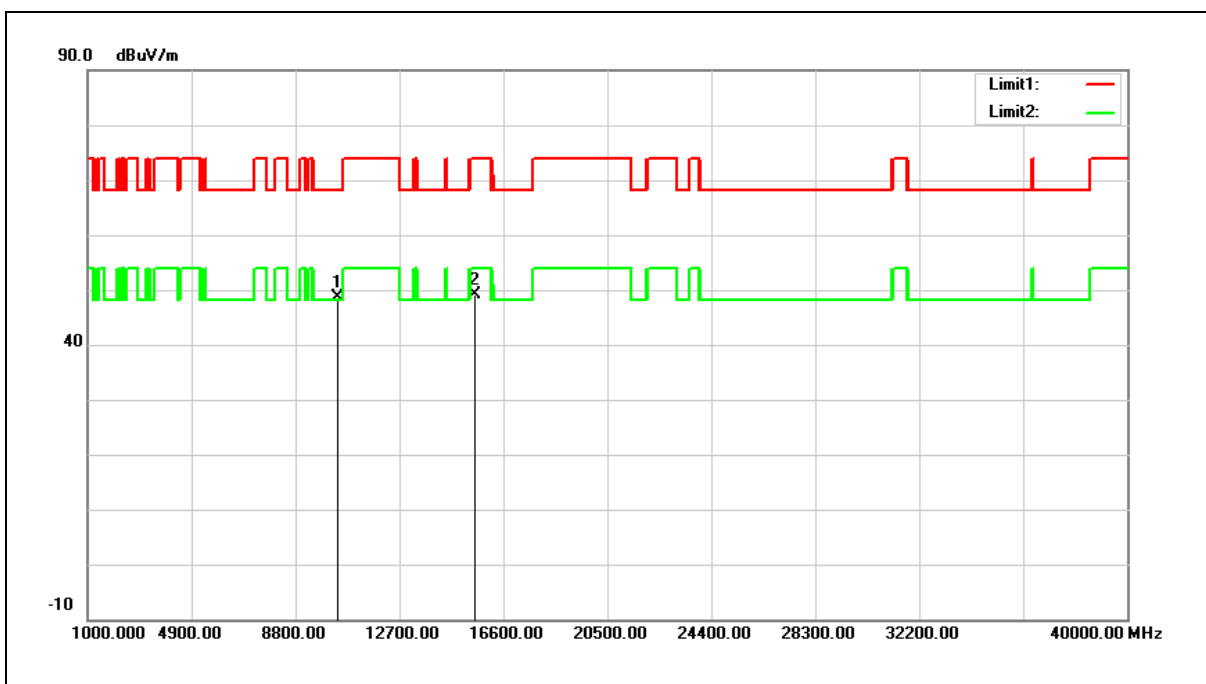
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	43.87	5.64	49.51	74.00	-24.49	peak
2	17475.000	40.96	11.22	52.18	68.20	-16.02	peak

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

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

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

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



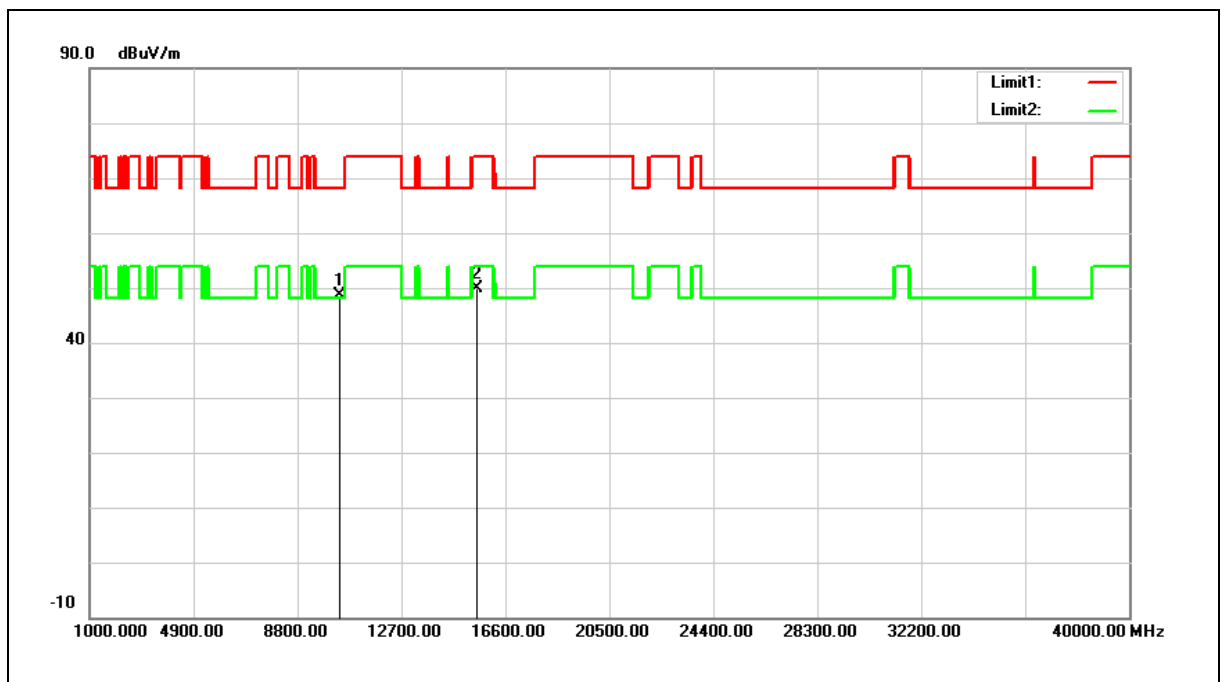
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.14	4.55	48.69	68.20	-19.51	peak
2	15540.000	41.38	7.66	49.04	74.00	-24.96	peak

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.

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



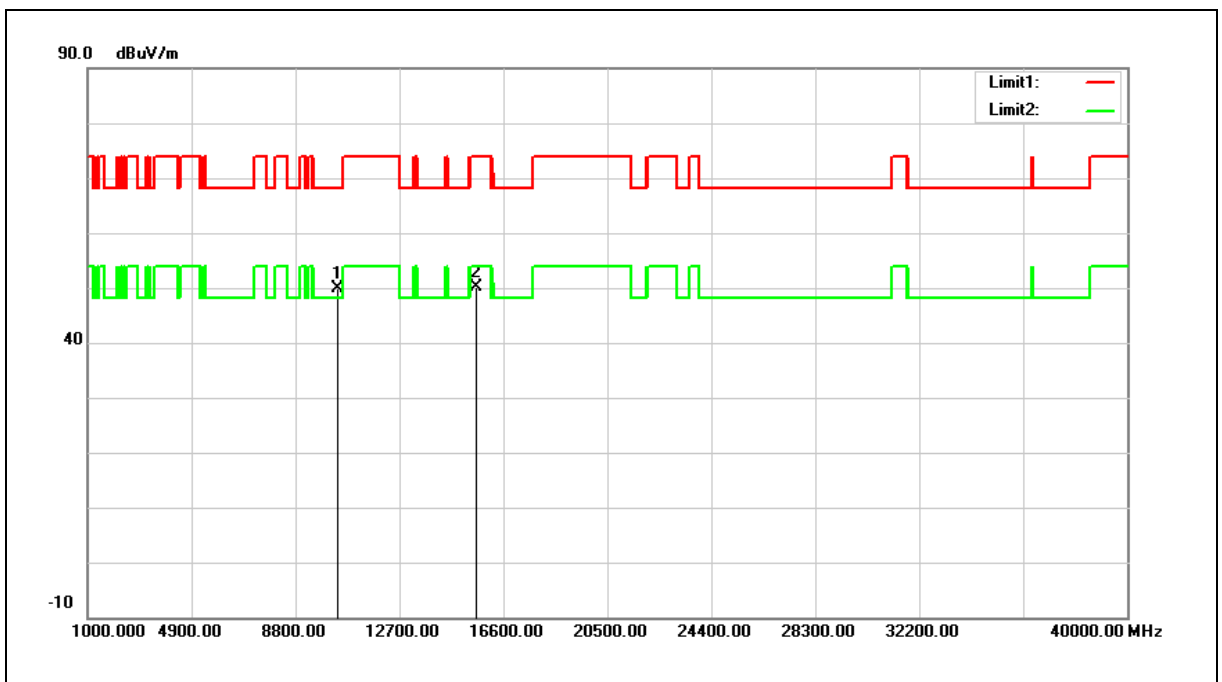
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.16	4.55	48.71	68.20	-19.49	peak
2	15540.000	42.28	7.66	49.94	74.00	-24.06	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



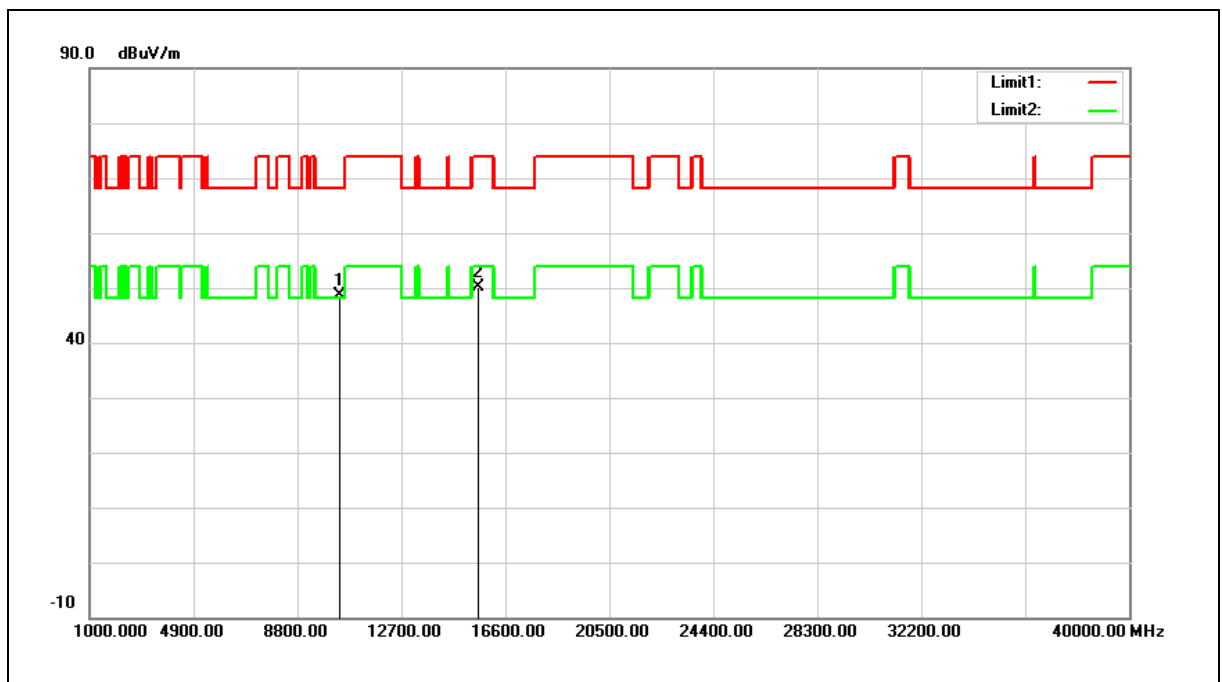
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	45.18	4.62	49.80	68.20	-18.40	peak
2	15600.000	42.68	7.55	50.23	74.00	-23.77	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



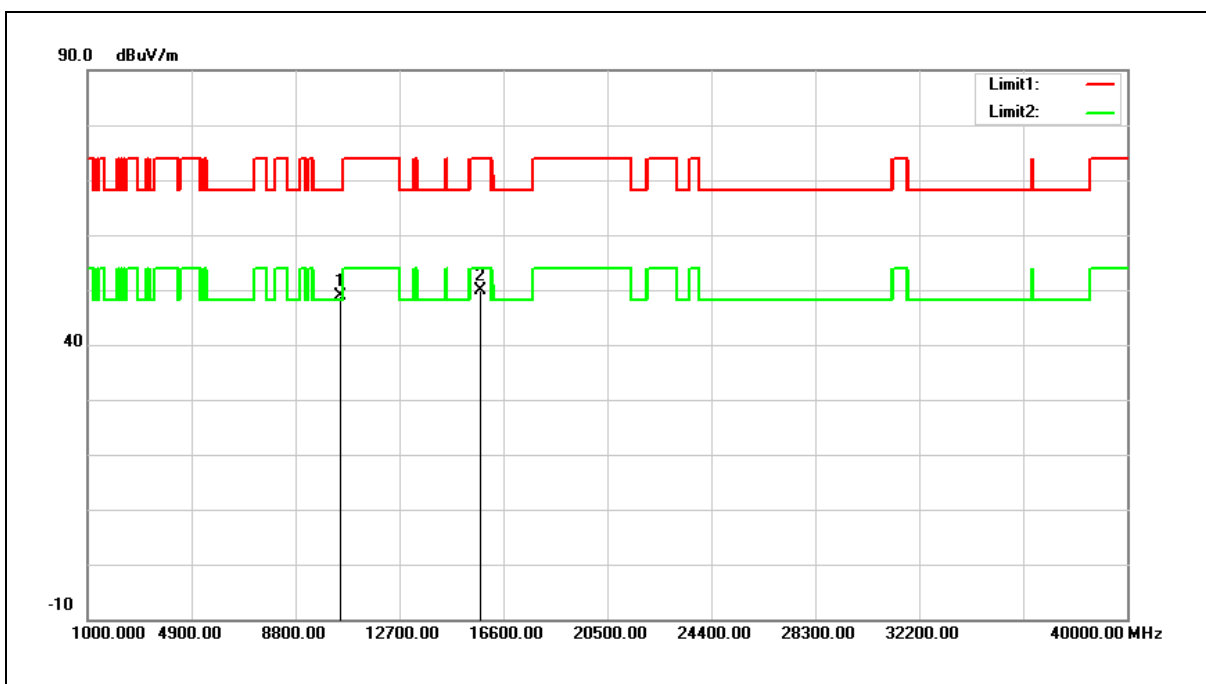
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	44.05	4.62	48.67	68.20	-19.53	peak
2	15600.000	42.65	7.55	50.20	74.00	-23.80	peak

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

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

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

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



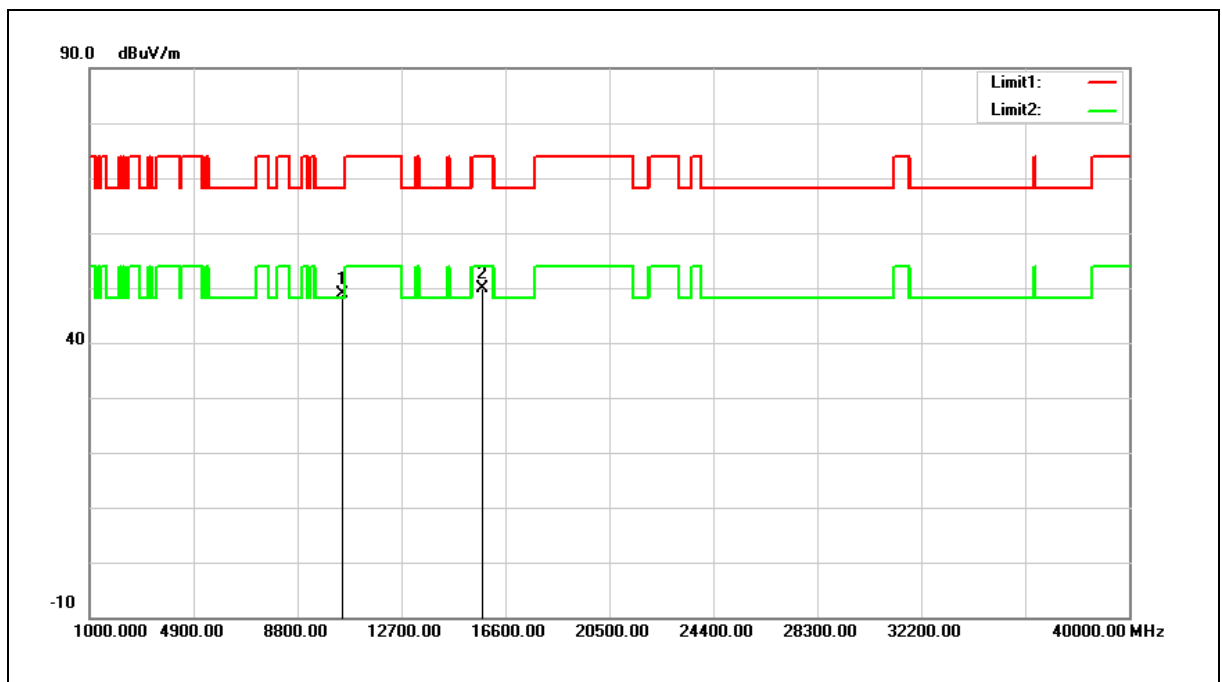
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	44.02	4.78	48.80	68.20	-19.40	peak
2	15720.000	42.45	7.31	49.76	74.00	-24.24	peak

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

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

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

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



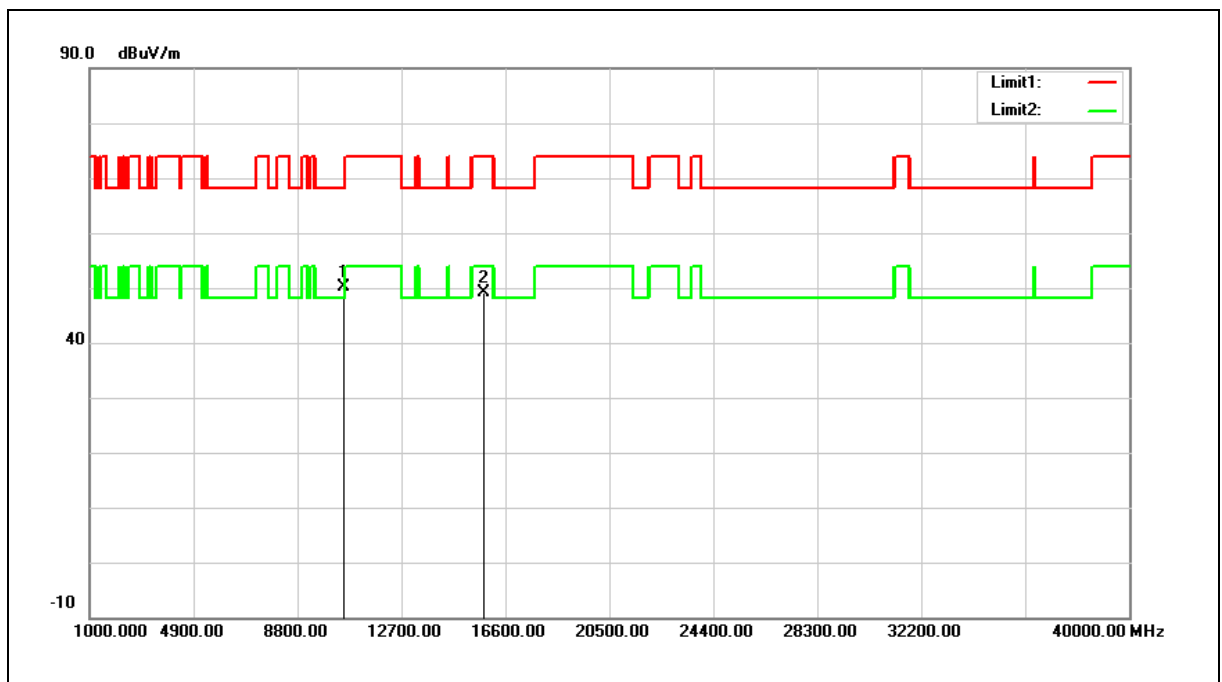
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	44.20	4.78	48.98	68.20	-19.22	peak
2	15720.000	42.51	7.31	49.82	74.00	-24.18	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



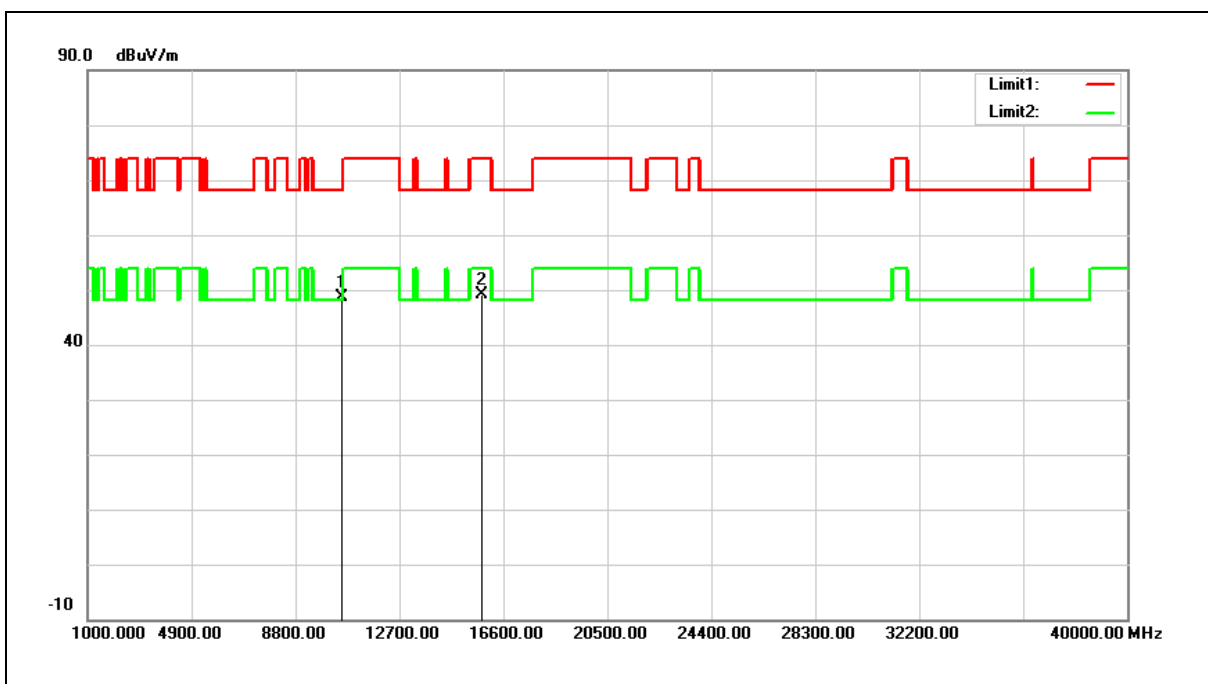
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	45.22	4.82	50.04	68.20	-18.16	peak
2	15780.000	41.99	7.19	49.18	74.00	-24.82	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



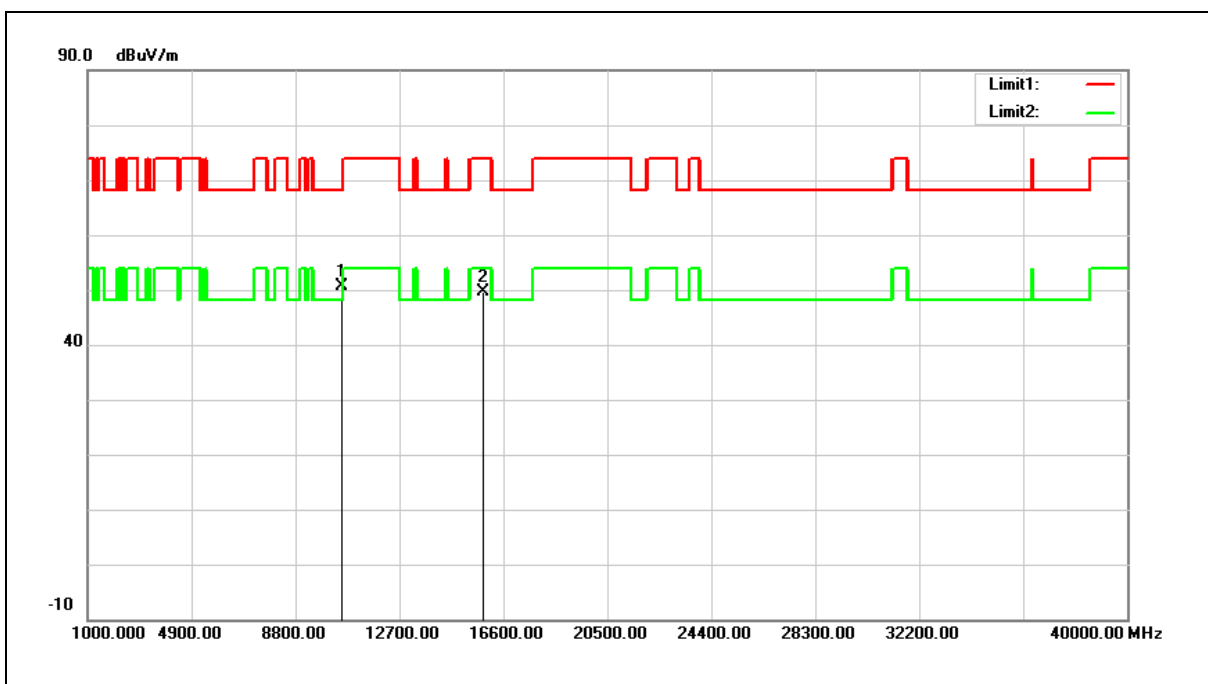
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	43.76	4.82	48.58	68.20	-19.62	peak
2	15780.000	41.92	7.19	49.11	74.00	-24.89	peak

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:	5280 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



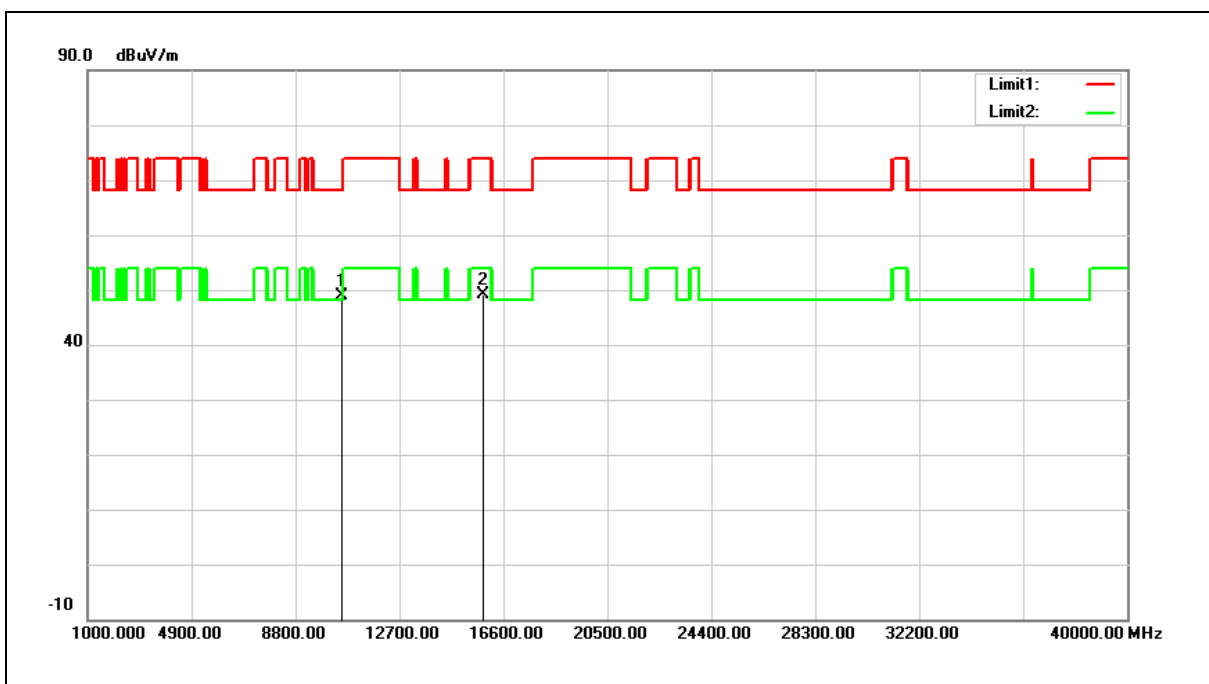
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	45.73	4.85	50.58	68.20	-17.62	peak
2	15840.000	42.57	7.06	49.63	74.00	-24.37	peak

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:	5280 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



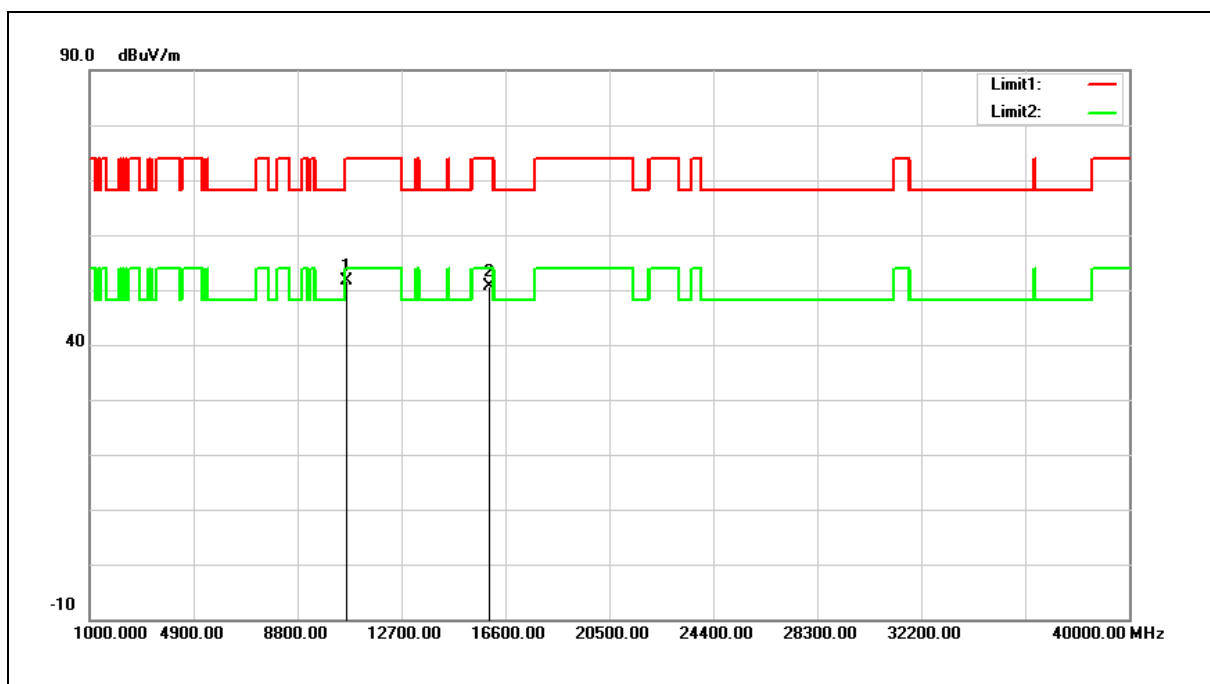
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	44.05	4.85	48.90	68.20	-19.30	peak
2	15840.000	42.00	7.06	49.06	74.00	-24.94	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



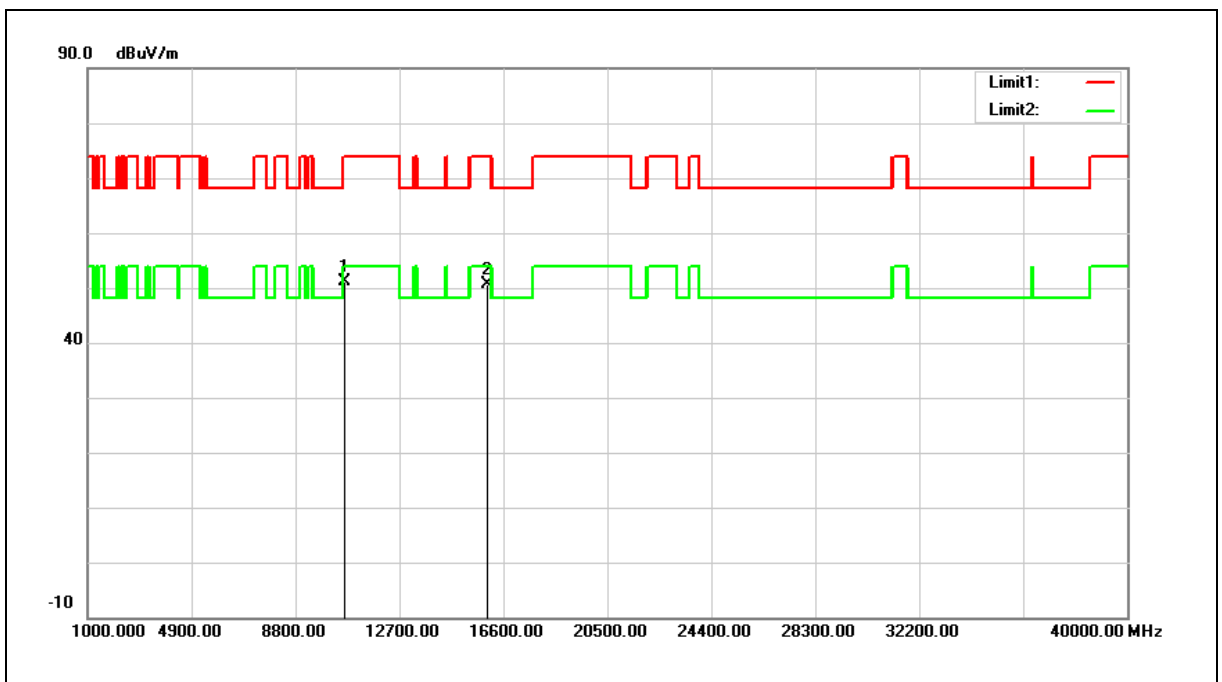
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	46.63	4.91	51.54	74.00	-22.46	peak
2	15960.000	43.81	6.84	50.65	74.00	-23.35	peak

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		
Frequency:	5320 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



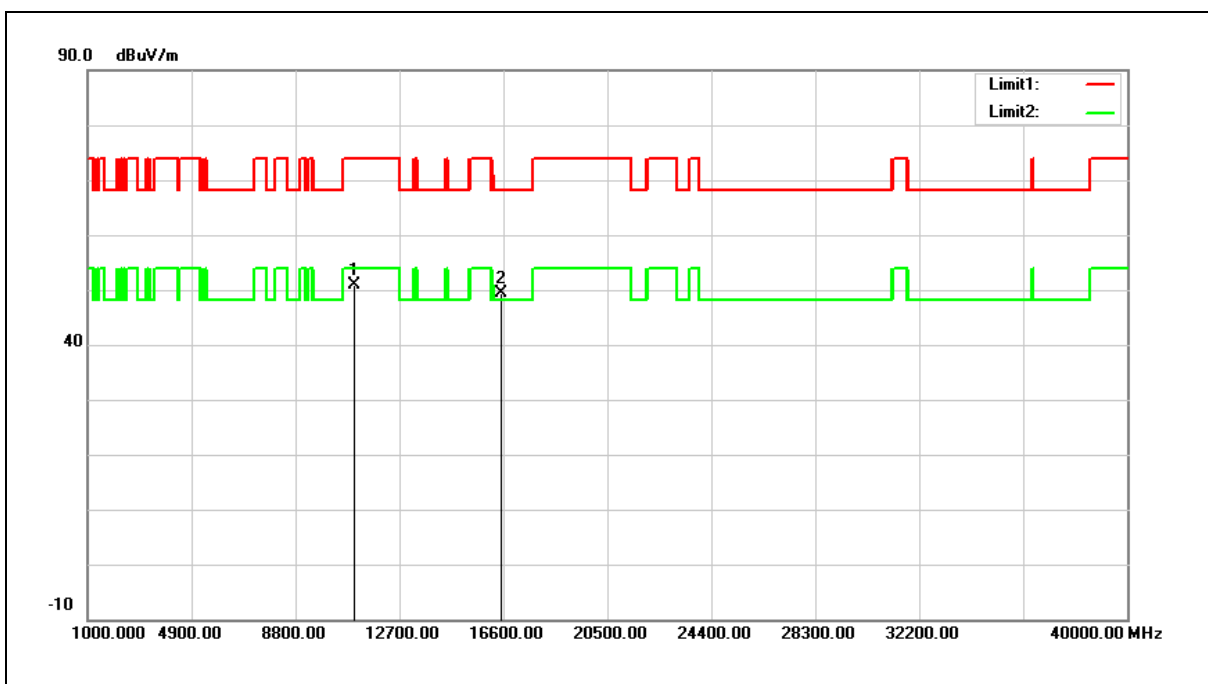
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	46.21	4.91	51.12	74.00	-22.88	peak
2	15960.000	43.76	6.84	50.60	74.00	-23.40	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



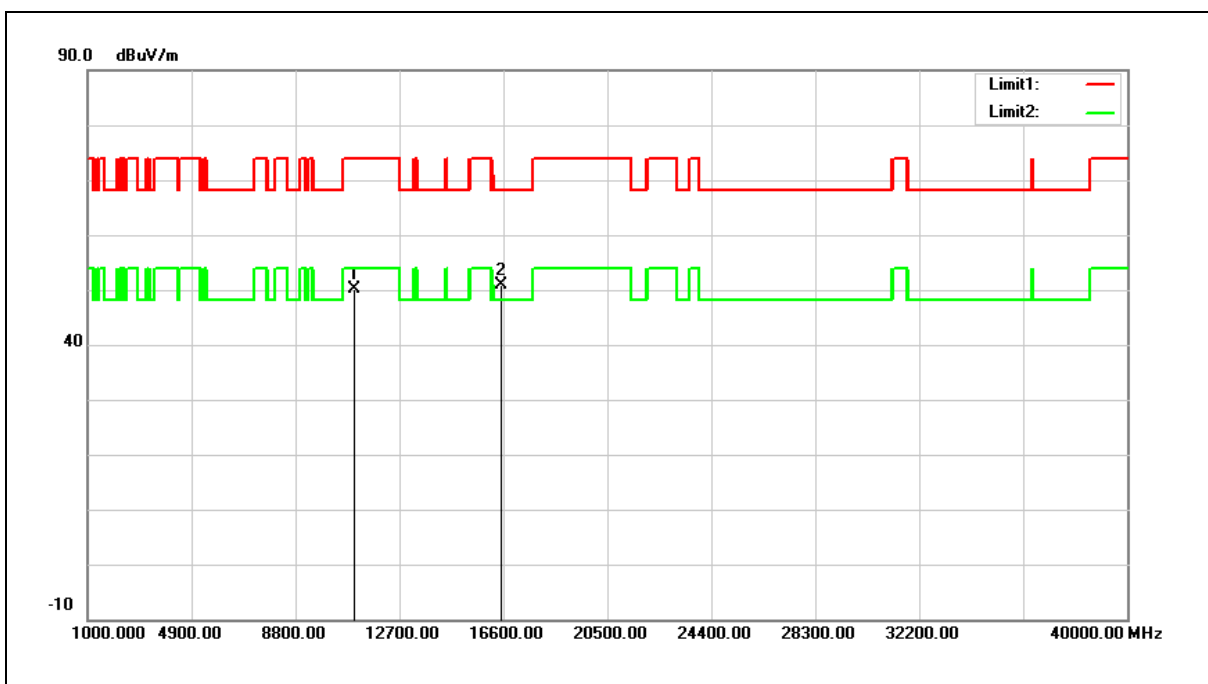
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	45.67	5.16	50.83	74.00	-23.17	peak
2	16500.000	41.16	8.18	49.34	68.20	-18.86	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



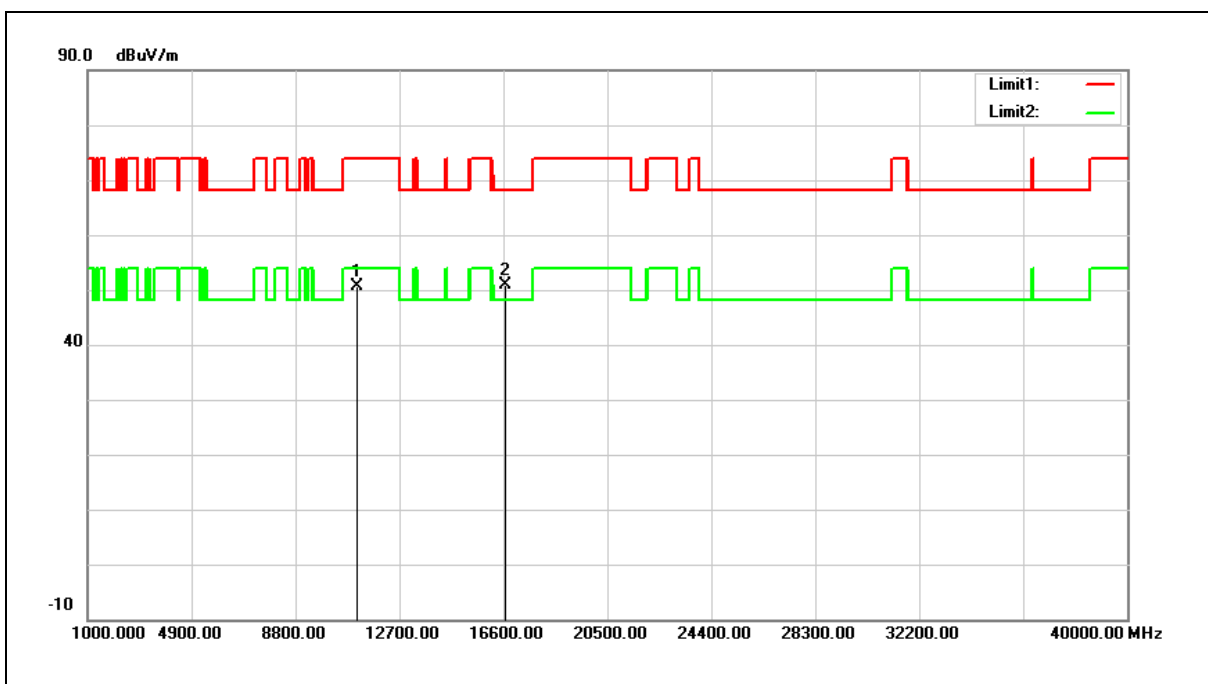
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	44.94	5.16	50.10	74.00	-23.90	peak
2	16500.000	42.78	8.18	50.96	68.20	-17.24	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



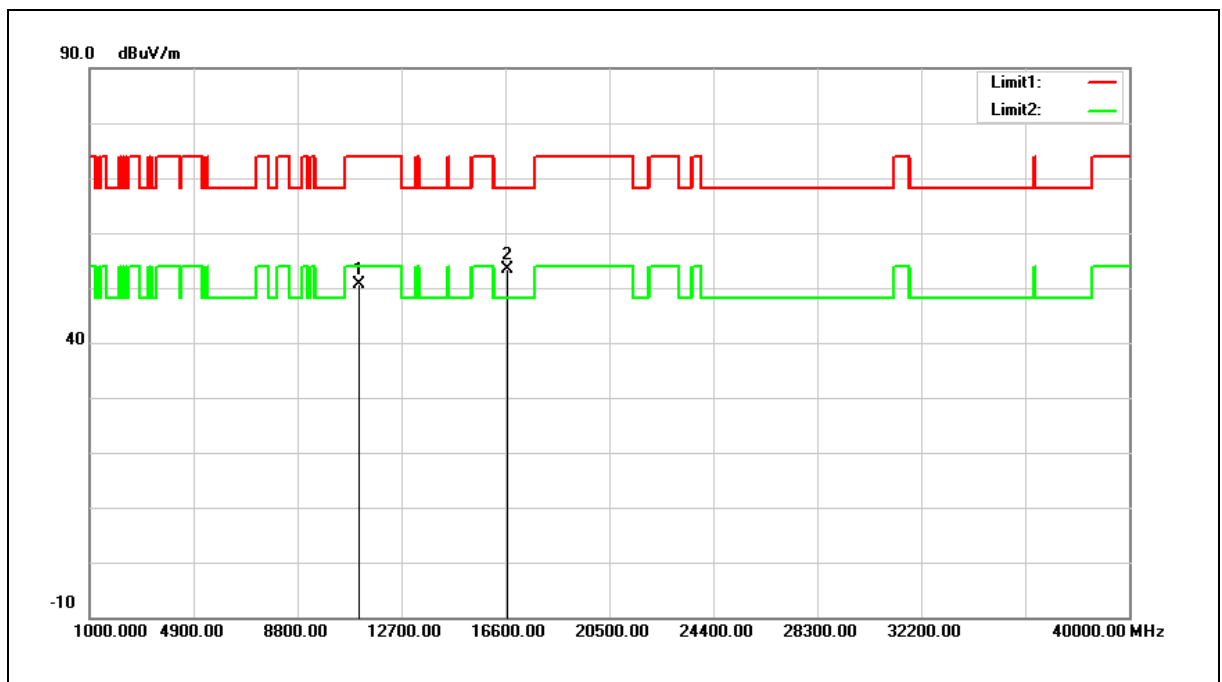
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	45.39	5.30	50.69	74.00	-23.31	peak
2	16680.000	42.00	8.84	50.84	68.20	-17.36	peak

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:	5560 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



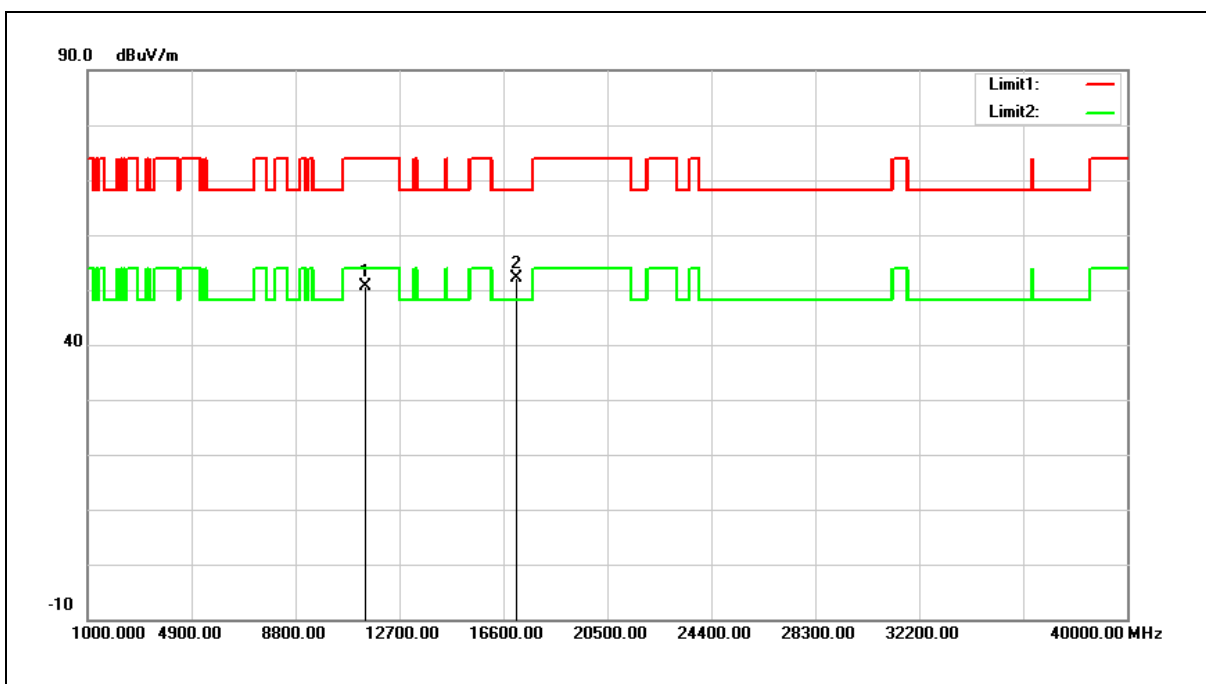
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	45.25	5.30	50.55	74.00	-23.45	peak
2	16680.000	44.52	8.84	53.36	68.20	-14.84	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



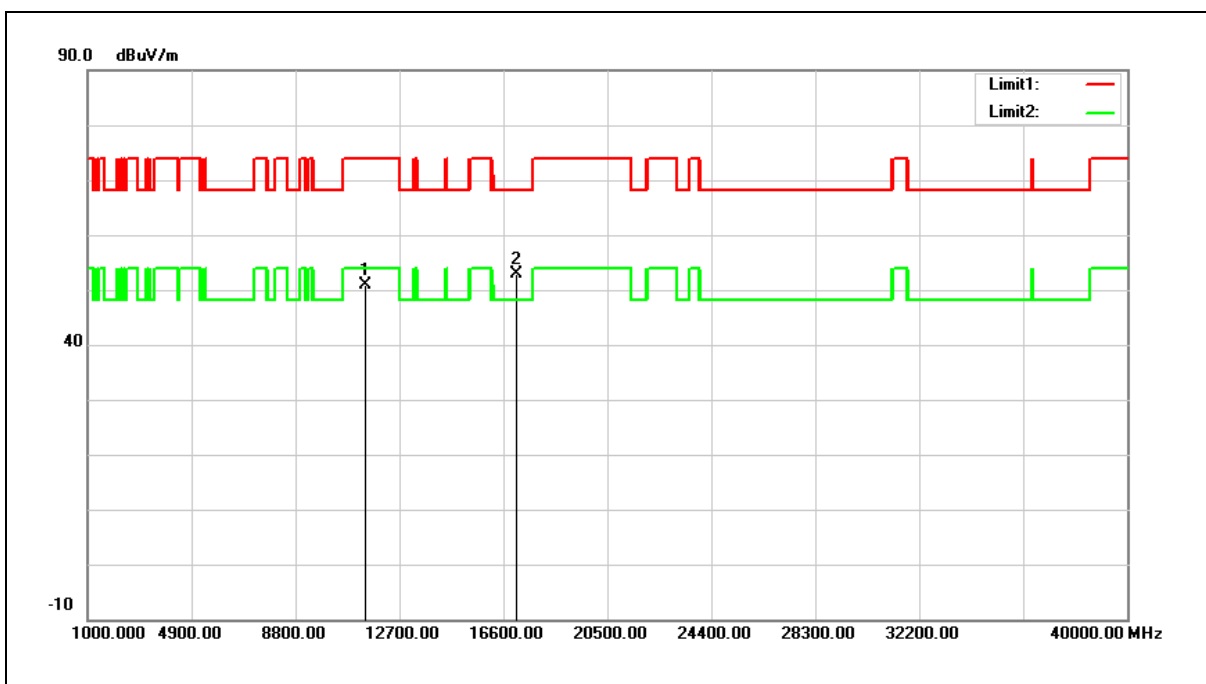
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	45.09	5.63	50.72	74.00	-23.28	peak
2	17100.000	41.82	10.27	52.09	68.20	-16.11	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



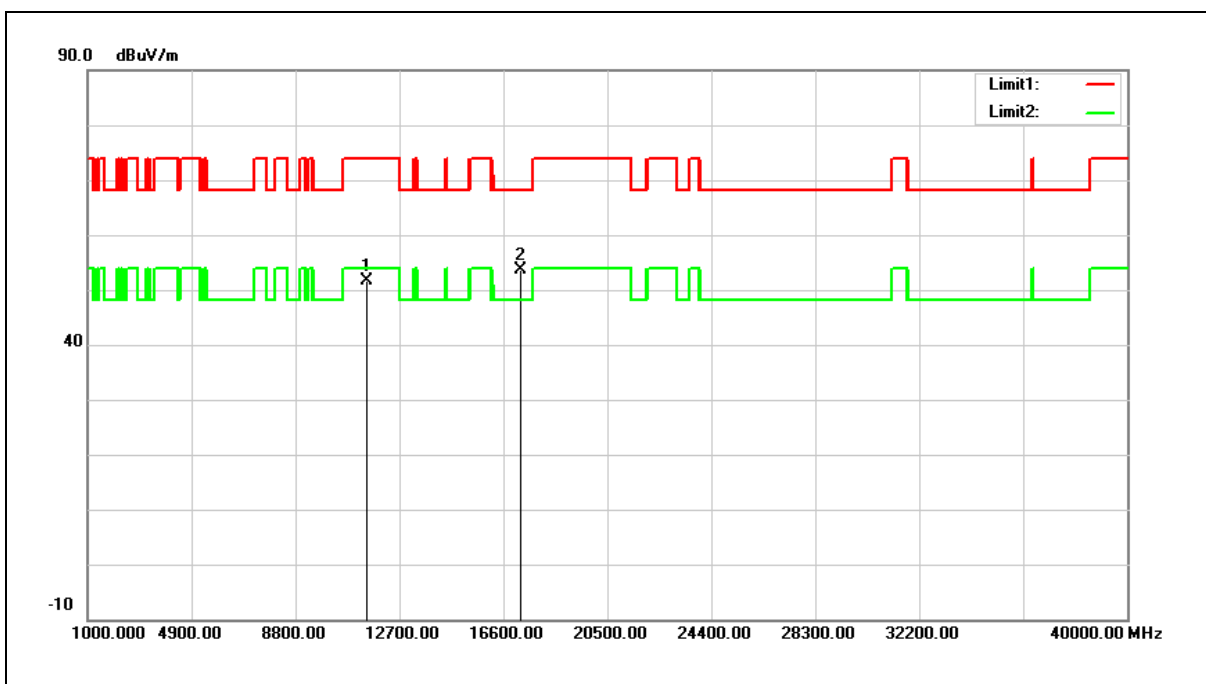
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	45.32	5.63	50.95	74.00	-23.05	peak
2	17100.000	42.65	10.27	52.92	68.20	-15.28	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



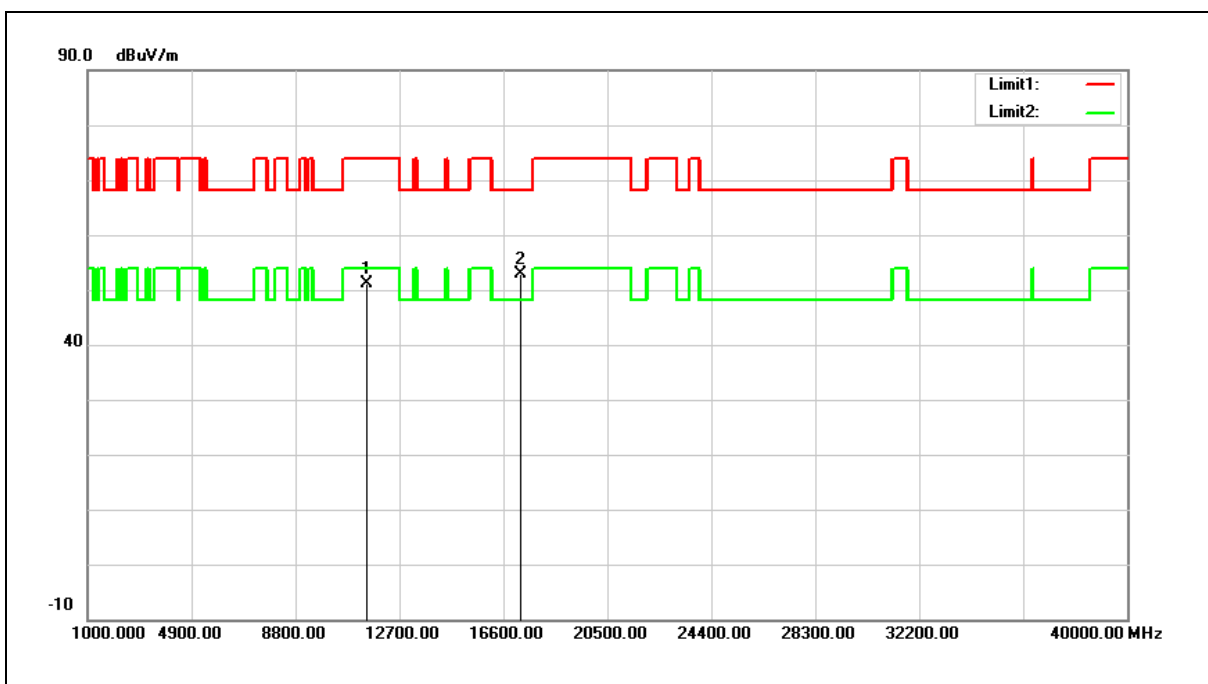
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	45.92	5.74	51.66	74.00	-22.34	peak
2	17235.000	43.06	10.60	53.66	68.20	-14.54	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



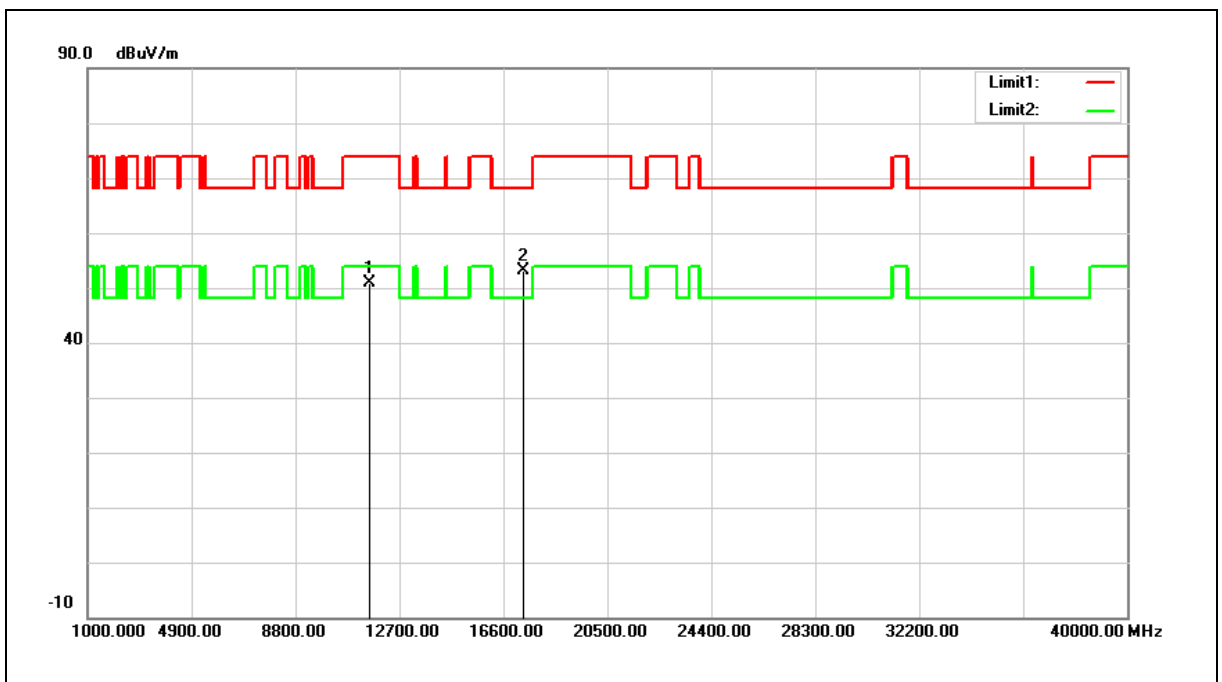
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	45.32	5.74	51.06	74.00	-22.94	peak
2	17235.000	42.25	10.60	52.85	68.20	-15.35	peak

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		
Frequency:	5785 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	45.26	5.70	50.96	74.00	-23.04	peak
2	17355.000	42.26	10.92	53.18	68.20	-15.02	peak

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

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

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