



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 2007DR30

版本(Rev.) 02

產品名稱 HUAWEI MatePad Pro

申請廠商 訊嵐技術有限公司

商標或廠牌 HUAWEI

型式 (號) MRX-W09

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 07 月 29 日

填發本型式認可報告之試驗機構 (認可代號)

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財團法人全國認證基金會
認證編號 : 1330
認證有效期間 : 108.09.06 ~ 111.09.05
認可能量範圍 : 低功率射頻電機技術規範(LP0002) (頻率範圍:9 kHz to 40 GHz)
2.4 GHz 射頻電信終端設備技術規範(RTTE01)

免責聲明

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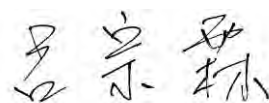
低功率射頻電機測試證明書

產品名稱：HUAWEI MatePad Pro
商標：HUAWEI
型號：MRX-W09
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 Technologies Co., Ltd.
製造廠商地址：Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen
待測物電壓：DC 5 V, 2 A OR DC 9 V, 2 A OR DC 10 V, 2.25 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)
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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：



(呂 宗 霖)

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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 MatePad Pro	
商 標 或 廠 牌	HUAWEI	
型 號	MRX-W09	
額 定 電 源	DC 5 V, 2 A OR DC 9 V, 2 A OR DC 10 V, 2.25 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	5745 – 5825
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I IEEE 802.11ac 40 MHz U-NII Band I	5190 – 5230
	IEEE 802.11n 5 GHz 40 MHz U-NII Band 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 – 5670
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III IEEE 802.11ac 40 MHz U-NII Band III	5755 – 5795
	IEEE 802.11ac 80 MHz U-NII Band I	5210
	IEEE 802.11ac 80 MHz U-NII Band 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	2.4 GHz					
	Antenna	廠牌	型號	型態	增益值(dBi)	
	Core0	HUAWEI	MRX-W09	IFA Antenna	-0.5	
	Core1				-2.0	
	Core1 TAS				-4.1	
	G _{ANT}				Core0 + Core1	-1.19
					Core0 + Core1 TAS	-1.94
	Directional Gain				Core0 + Core1	1.79
					Core0 + Core1 TAS	0.90
	5 GHz					
	Antenna	廠牌	型號	型態	增益值(dBi)	
	Core0	HUAWEI	MRX-W09	IFA Antenna	-0.2	
	Core1	HUAWEI	MRX-W09	FPC Antenna	-2.1	
	G _{ANT}				-1.05	
	Directional Gain				1.91	

RF 最大輸出功率 (Average)	2.4 GHz		
	Mode		Power
	Core0, Core1, Core1 TAS		
	IEEE 802.11b		17.41 dBm 0.055 W
	Core0 + Core1		
	IEEE 802.11g		19.03 dBm 0.080 W
	IEEE 802.11n 2.4 GHz 20 MHz		18.52 dBm 0.071 W
	IEEE 802.11n 2.4 GHz 40 MHz		18.51 dBm 0.071 W
	Core0 + Core1 TAS		
	IEEE 802.11g		19.11 dBm 0.082 W
	IEEE 802.11n 2.4 GHz 20 MHz		18.76 dBm 0.075 W
	IEEE 802.11n 2.4 GHz 40 MHz		18.46 dBm 0.070 W
	5 GHz		
	Mode		Power
	IEEE 802.11a U-NII Band I		17.53 dBm 0.057 W
	IEEE 802.11a U-NII Band II-A		17.59 dBm 0.057 W
	IEEE 802.11a U-NII Band II-C		17.22 dBm 0.053 W
	IEEE 802.11a U-NII Band III		13.06 dBm 0.020 W
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I		17.04 dBm 0.051 W
	IEEE 802.11n 5 GHz 20 MHz U-NII Band II-A		17.13 dBm 0.052 W
	IEEE 802.11n 5 GHz 20 MHz U-NII Band II-C		17.01 dBm 0.050 W
	IEEE 802.11n 5 GHz 20 MHz U-NII Band III		12.83 dBm 0.019 W
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I		17.12 dBm 0.051 W
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-A		17.29 dBm 0.054 W
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-C		16.94 dBm 0.049 W
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III		11.07 dBm 0.013 W
	IEEE 802.11ac 20 MHz U-NII Band I		17.42 dBm 0.055 W
	IEEE 802.11ac 20 MHz U-NII Band II-A		17.34 dBm 0.054 W
	IEEE 802.11ac 20 MHz U-NII Band II-C		17.13 dBm 0.052 W
	IEEE 802.11ac 20 MHz U-NII Band III		12.95 dBm 0.020 W
	IEEE 802.11ac 40 MHz U-NII Band I		17.39 dBm 0.055 W
	IEEE 802.11ac 40 MHz U-NII Band II-A		17.50 dBm 0.056 W
	IEEE 802.11ac 40 MHz U-NII Band II-C		17.14 dBm 0.052 W
	IEEE 802.11ac 40 MHz U-NII Band III		11.23 dBm 0.013 W
	IEEE 802.11ac 80 MHz U-NII Band I		10.42 dBm 0.011 W
	IEEE 802.11ac 80 MHz U-NII Band II-A		10.53 dBm 0.011 W
	IEEE 802.11ac 80 MHz U-NII Band II-C		10.40 dBm 0.011 W
	IEEE 802.11ac 80 MHz U-NII Band III		10.81 dBm 0.012 W
IEEE 802.11ac 160 MHz U-NII Band I		7.47 dBm 0.006 W	
IEEE 802.11ac 160 MHz U-NII Band II-A		7.40 dBm 0.005 W	

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	USB Type-C Port	1	連接至電源供應器/多媒體終端
2	NM Card Port	1	連接至 NM Card

待測設備外圍說明：

電 源 線 類 別	本產品透過 USB Cable 供電
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/製造商	型 號	備 註
內建固定式電池	HUAWEI	HB27D8C8ECW-12	3.82 VDC, 7150 mAh 製造商(1)：Dynapack Electronic Technology(SuZhou) Co., Ltd. 製造商(2)：Huizhou Desay Battery Co.,Ltd.
電源供應器	HUAWEI	HW-100225U00	INPUT : 100-240 VAC, 50/60 Hz, 0.75 A OUTPUT : 5 VDC, 2 A OR 9 VDC, 2 A OR 10 VDC, 2.25 A 製造商(1)：HUIZHOU BYD ELECTRONIC CO.,LTD. 製造商(2)：SHENZHEN HUNTKEY ELECTRIC CO.,LTD.
USB Cable(1)	聯基實業（江西）有限公司	18-93C2CHO-001HF	STD-A → Type-C Shielded, 1.0 m
USB Cable(2)	廣西博祿德電子有限公司	WA0020	STD-A → Type-C Shielded, 1.0 m
USB Cable(3)	立訊精密工業股份有限公司	L99UC131-CS-H	STD-A → Type-C Shielded, 1.0 m
USB Cable(4)	東莞銘基電子科技集團有限公司	203-1572-0	STD-A → Type-C Shielded, 1.0 m
USB Cable(5)	鴻富錦精密工業(深圳)有限公司	CUDU01B-HC295-EH	STD-A → Type-C Shielded, 1.0 m
USB Cable(6)	德州泓巨通訊科技有限公司	330-50507	STD-A → Type-C Shielded, 1.0 m
3.5 mm headset jack transfer cable(1)	FOSTER ELECTRIC CO.(HONG KONG)LTD	620891	Type-C →3.5 mm headset jack Shielded, 0.1 m
3.5 mm headset jack transfer cable(2)	Boluo County Quancheng Electronic Co.,Ltd.	6001-7001-TC-294	Type-C →3.5 mm headset jack Shielded, 0.1 m
3.5 mm headset jack transfer cable(3)	Jiangxi Lianchuang Hongsheng Electronic Co.,LTD	HWTYPEC3R5009AW	Type-C →3.5 mm headset jack Shielded, 0.1 m
3.5 mm headset jack transfer cable(4)	MERRY ELECTRONICS CO., LTD.	L99UD002-CS-H	Type-C →3.5 mm headset jack Shielded, 0.1 m
華為智能磁吸鍵盤	HUAWEI	C-Marx-KeyBoard	無線功能：WPC/ Bluetooth

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: Jun. 23 ~ Jun. 29, 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	Agilent	N9020A	US47520902	09/18/2019	1 year
Power Sensor	Anritsu	MA2411B	1126022	09/02/2019	1 year
Power Meter	Anritsu	ML2495A	1135009	09/02/2019	1 year

For Conducted Emission

Test Period: Jul. 03, 2020

測試者: 申世傑

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

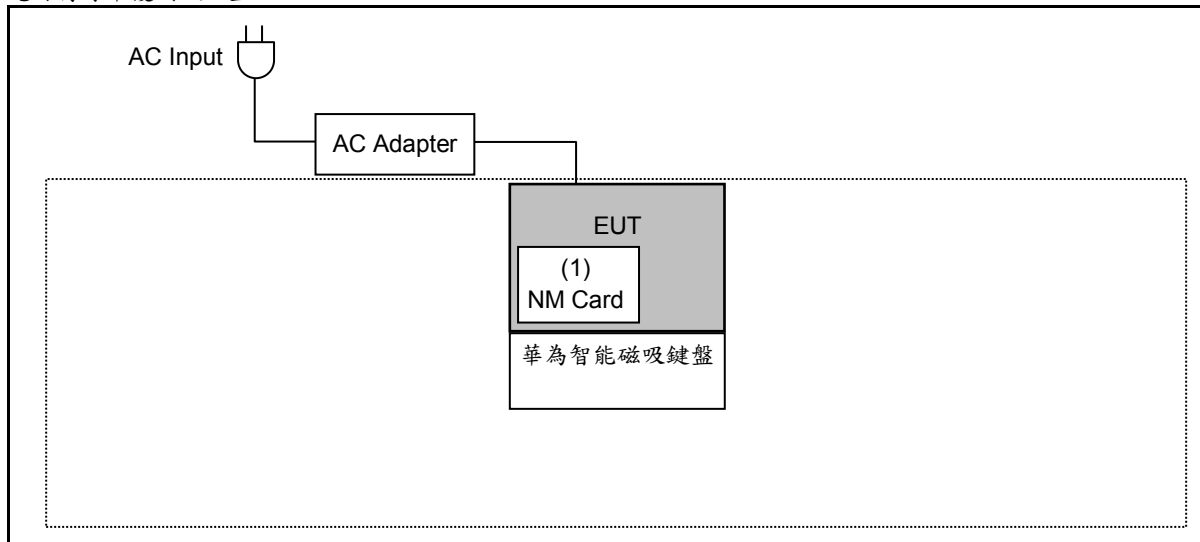
Test Period: Jun. 21 ~ Jun. 25, 2020

測試者: 葉佳原, 廖經雄

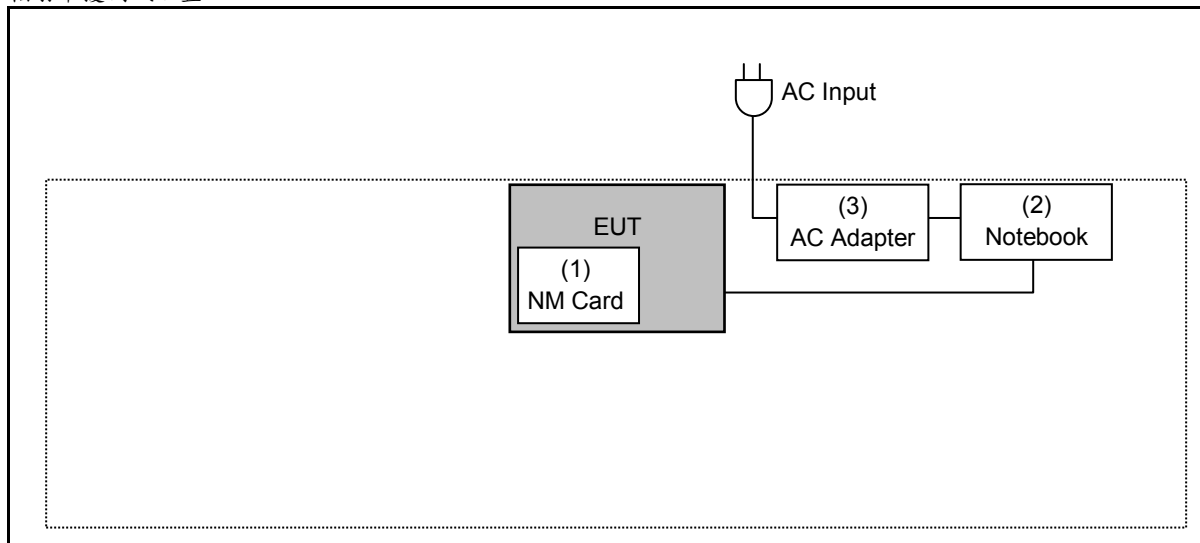
名稱	廠牌	型號	序號	本次校驗日期	校驗年限
EXA Signal Analyzer	Keysight	N9010A	MY52221312	01/13/2020	1 year
Amplifier	Agilent	8449B	3008A02237	10/18/2019	1 year
Amplifier	Agilent	8447D	2944A11119	01/15/2020	1 year
Preamplifier	EMCI	EMC2654045	980028	08/23/2019	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB 9168	416	10/23/2019	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



2.3 輔助測試之週邊設備描述

下列輔助設備或配件為測試中所使用，以形成一個代表性的受測系統。

週邊名稱		商 標	型 號	序 號	電 源 線	備 註
(1)	NM Card	HUAWEI	---	---	---	規格：128 GB (申請者提供)
(2)	Notebook	DELL	LATITUDE E5440	BRTQXY1	---	(實驗室提供)
(3)	AC Adapter	DELL	HA65NM130	---	Non-Shielded, 0.8 m	INPUT: 100-240 VAC, 50/60 Hz, 1.7 A OUTPUT: DC 19.5 V, 3.34 A (實驗室提供)
(4)	耳機麥克風	HUAWEI	22040296			With Earphone mode 使用 (實驗室提供)

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: Conducted Core1 is the worst case in Mode 2 ; Radiation Core0 is the worst case in Mode 2 。

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

Note 3: 電源線傳導驗證 EUT+華為智能磁吸鍵盤+電池:製造商(2)+電源供應器製造商(1)+USB Cable(1)為 Worst Case ; 場強輻射經驗證 With Earphone mode 、With AC Adapter mode 、Stand alone mode , 結果為 Stand alone mode (EUT+電池:製造商(2))為 Worst Case 。

Note 4: 2.4 GHz 測試模式分別為 Core0, Core1, Core1 TAS, Core0 + Core1 及 Core0 + Core1 TAS ; Core1 與 Core1 TAS 無法同時發射。

2.4 GHz					
Test Mode	Core0	Core1	Core1 TAS	Core0+1	Core0+1(TAS)
Core0, Core1, Core1 TAS					
Mode 2	V	V	V	---	
Core0 + Core1					
Mode 3	V	V	---	V	
Mode 4	V	V	---	V	
Mode 5	V	V	---	V	
Core0 + Core1 TAS					
Mode 3	V	---	V	---	V
Mode 4	V	---	V	---	V
Mode 5	V	---	V	---	V

5 GHz			
Test Mode	Core0	Core1	Core0+1
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	1TX / 1RX(Diversity)	1	1, 6, 11
Mode 3	2TX / 2RX (MIMO)	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 (MIMO)	6	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 7	2TX / 2RX (MIMO)	13	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 8	2TX / 2RX (MIMO)	27	38, 46, 54, 62, 102, 110, 134, 151, 159
Mode 9	2TX / 2RX (MIMO)	13	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 10	2TX / 2RX (MIMO)	27	38, 46, 54, 62, 102, 110, 134, 151, 159
Mode 11	2TX / 2RX (MIMO)	58.6	42, 58, 106, 155
Mode 12	2TX / 2RX (MIMO)	117	50, 50

Duty cycle

Core1

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimun VBW (kHz)
Mode 2	2412.0	9.870	9.870	1.000	0.000	0.010

Core0 + Core1

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimun VBW (kHz)
Mode 3	2412.0	17.910	17.910	1.000	0.000	0.010
Mode 4	2412.0	12.810	12.810	1.000	0.000	0.010
Mode 5	2422.0	0.650	0.660	0.985	0.066	0.010
Mode 6	5180.0	2.742	2.754	0.996	0.019	0.010
Mode 9	5180.0	2.562	2.574	0.995	0.020	0.010
Mode 10	5190.0	1.260	1.272	0.991	0.041	0.010
Mode 11	5210.0	0.606	0.622	0.974	0.113	1.650
Mode 12	5250.0	0.324	0.344	0.942	0.260	3.086

Core0 + Core1 TAS

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimun VBW (kHz)
Mode 3	2412.0	20.160	20.160	1.000	0.000	0.010
Mode 4	2412.0	18.750	18.750	1.000	0.000	0.010
Mode 5	2422.0	0.650	0.660	0.985	0.066	0.010

Core1

Mode 2: IEEE 802.11b Continuous TX Mode

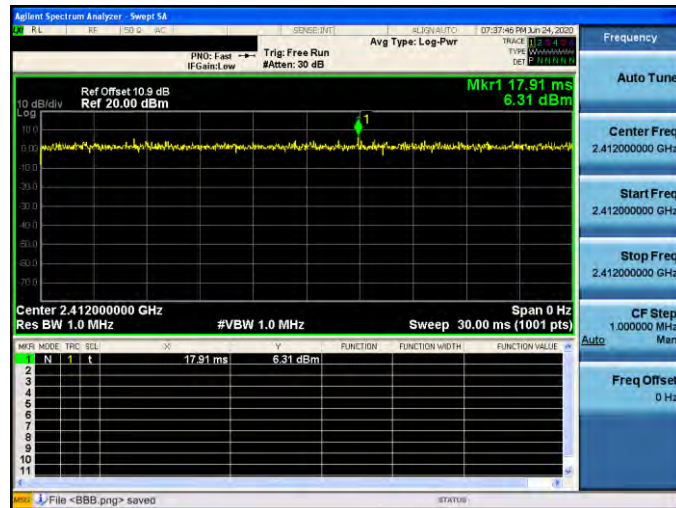
On+off time



Core0 + Core1

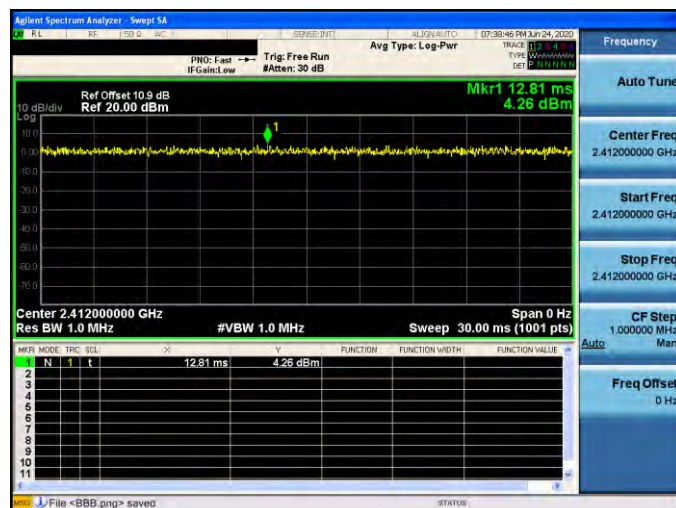
Mode 3: IEEE 802.11g Continuous TX Mode

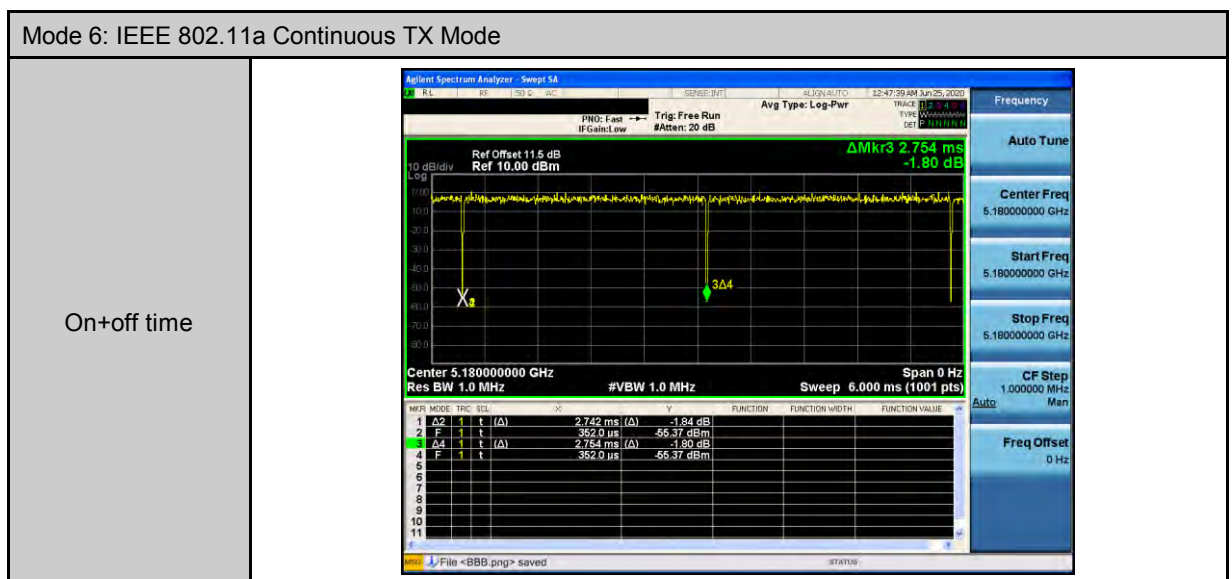
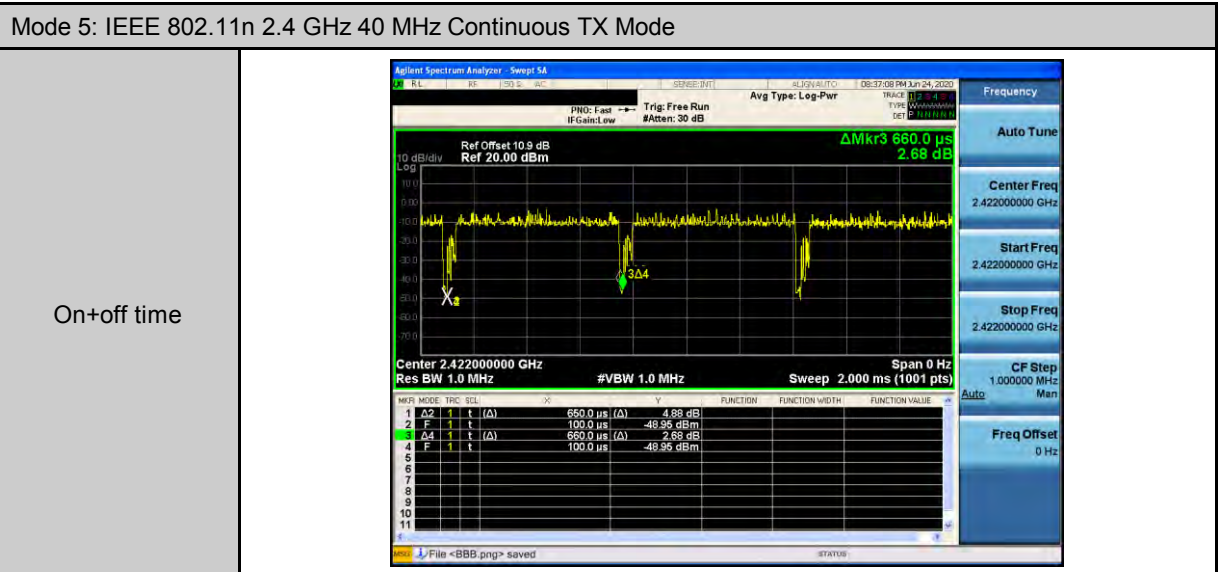
On+off time



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

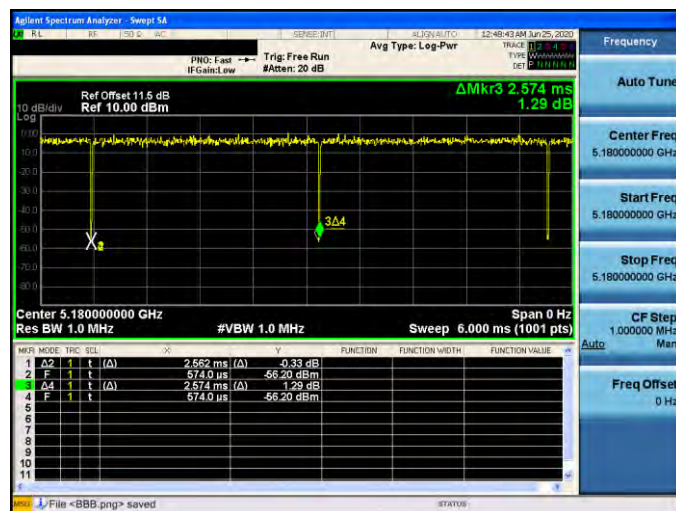
On+off time





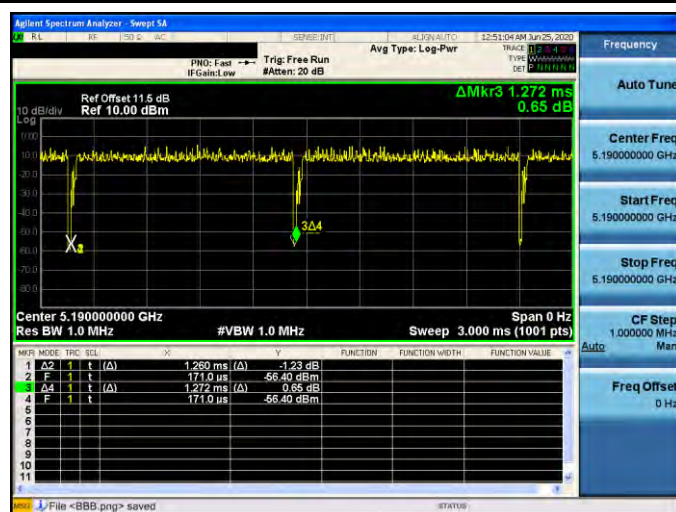
Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode

On+off time



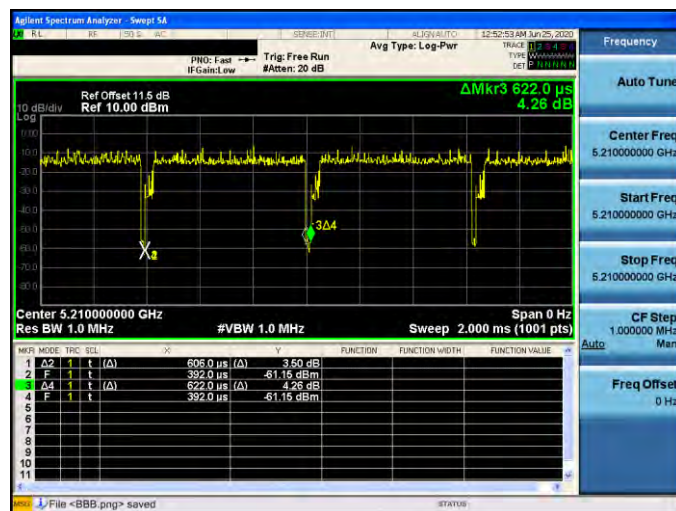
Mode 10: IEEE 802.11ac 40 MHz Continuous TX Mode

On+off time



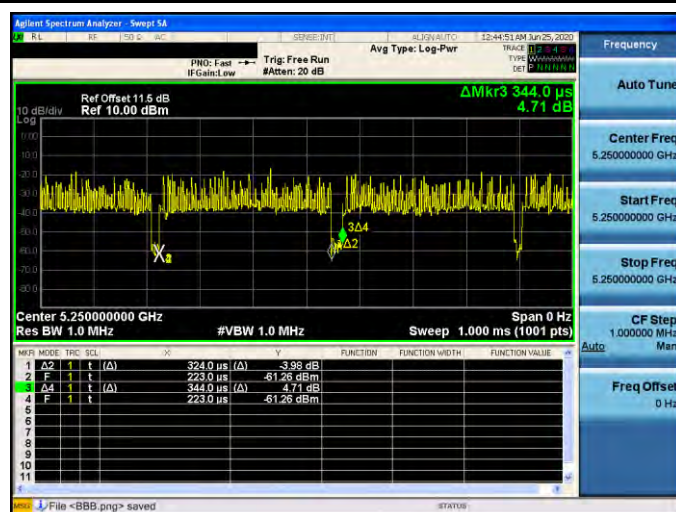
Mode 11: IEEE 802.11ac 80 MHz Continuous TX Mode

On+off time



Mode 12: IEEE 802.11ac 160 MHz Continuous TX Mode

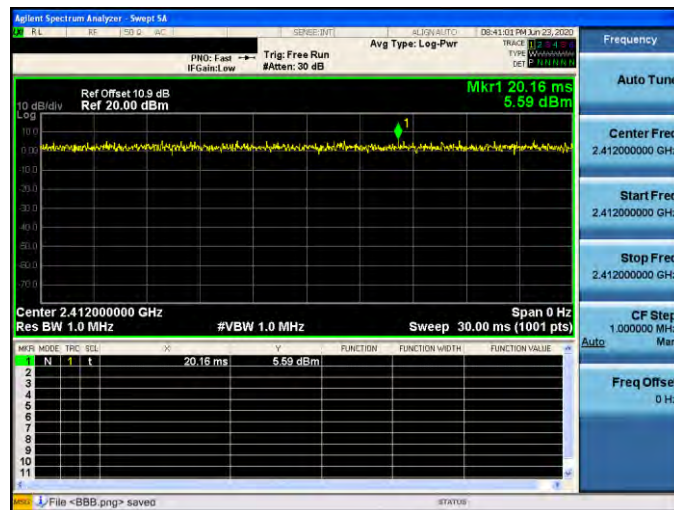
On+off time



Core0 + Core1 TAS

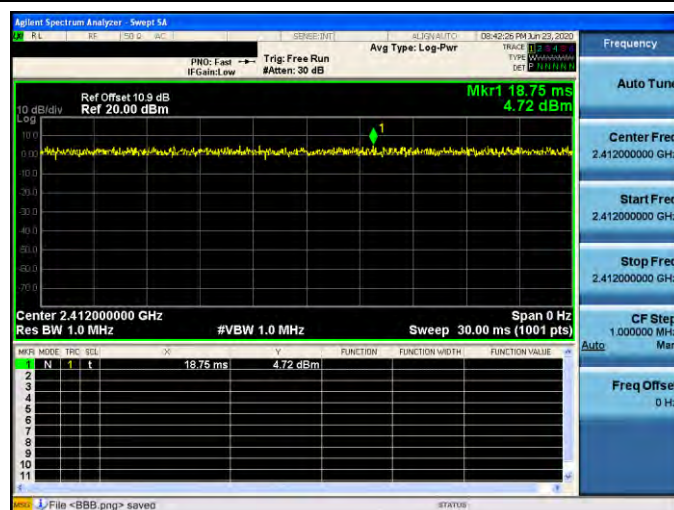
Mode 3: IEEE 802.11g Continuous TX Mode

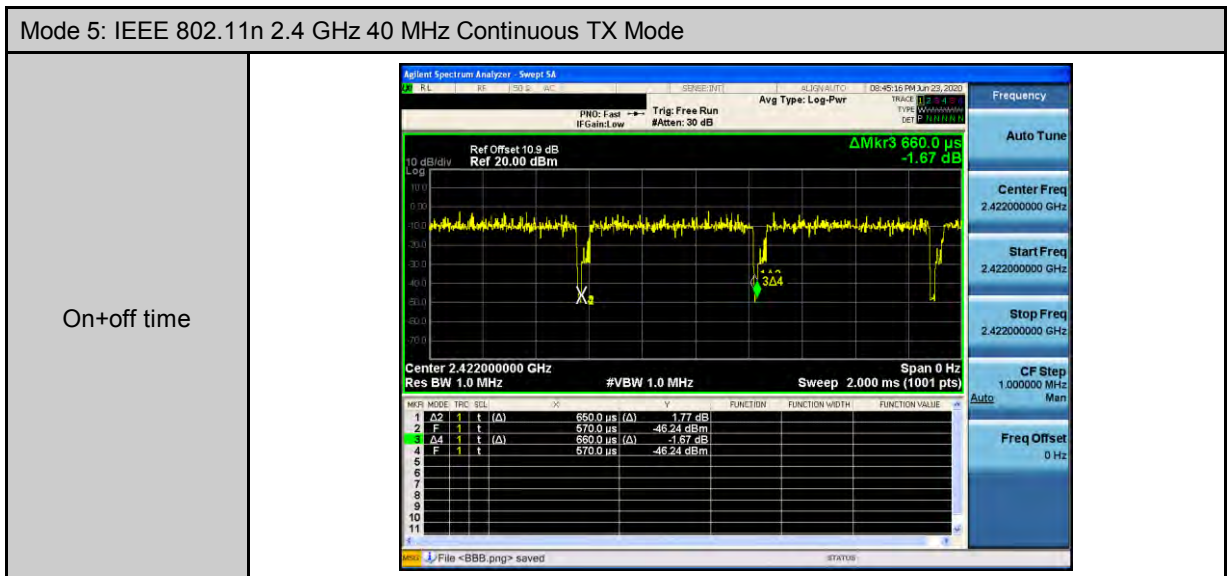
On+off time



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

On+off time





2.6 量測不確定度

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

Test Item	Frequency Range	Uncertainty (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

本產品 2.4 GHz 測試模式為 Core0, Core1, Core1 TAS 及 Core0 + Core1 及 Core0 + Core1 TAS，

測試模式 Core0 + Core1 透過預測試確認 X、Y 和 Z 個軸中最差之結果軸向為 Y 軸，因此場強輻射完整測試 Y 軸並將其結果記錄於報告中；

測試模式 Core0, Core1, Core1 TAS 及 Core0 + Core1 TAS 透過預測試確認 X、Y 和 Z 個軸中最差之結果軸向為 Z 軸，因此場強輻射完整測試 Z 軸並將其結果記錄於報告中。

5 GHz U-NII 頻段適用下列表格

項次	測試項目	適用規範	測試結果	量測設備	結果判定
1	電源線傳導干擾	低功率射頻電機技術規範 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

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

Decision Rule

- ☒ Uncertainty is not included.
- ☐ Uncertainty is included.

4. 測試項目表列

4.1 電源線傳導干擾之量測

合格標準：

依據 NCC 低功率射頻電機技術規範(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。

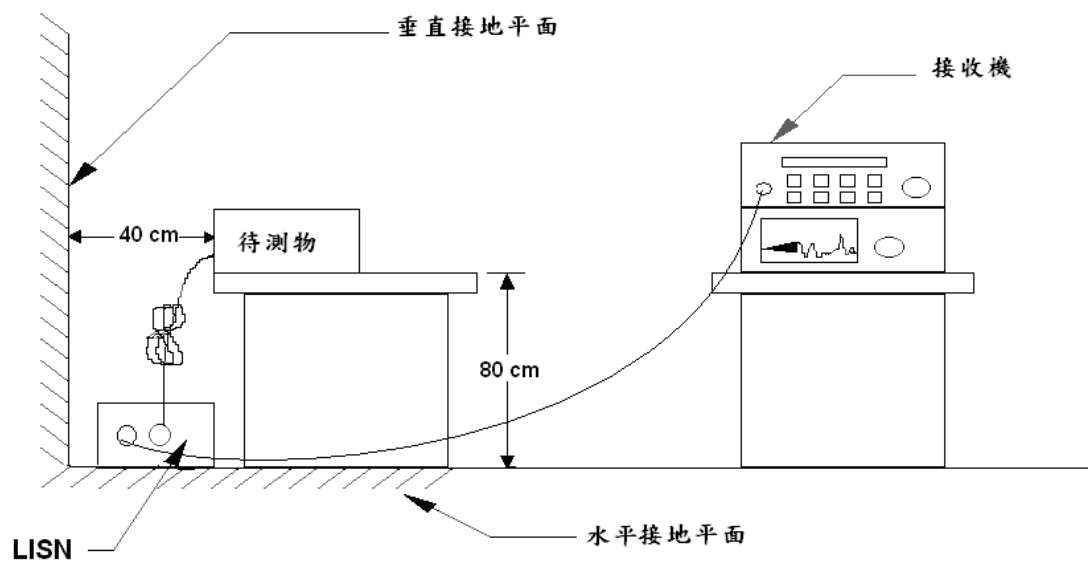
干擾值之計算

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

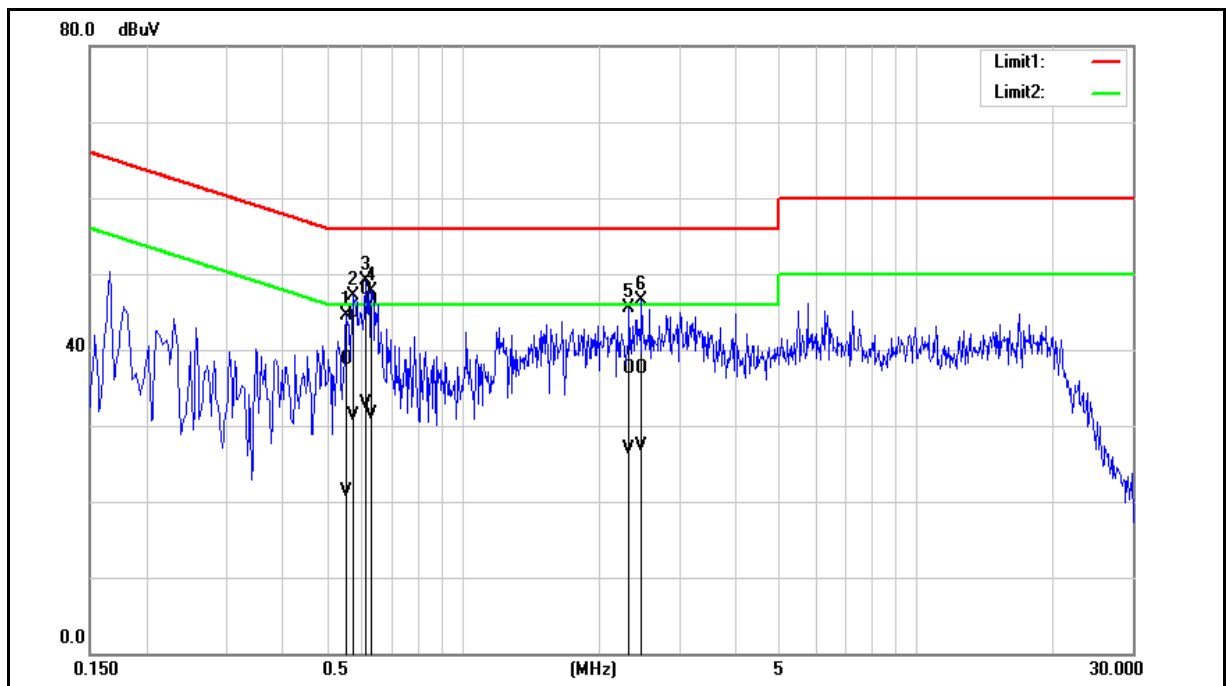
其中校正因子為：饋線損失 + 電源阻抗模擬網路損失

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	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Description:			

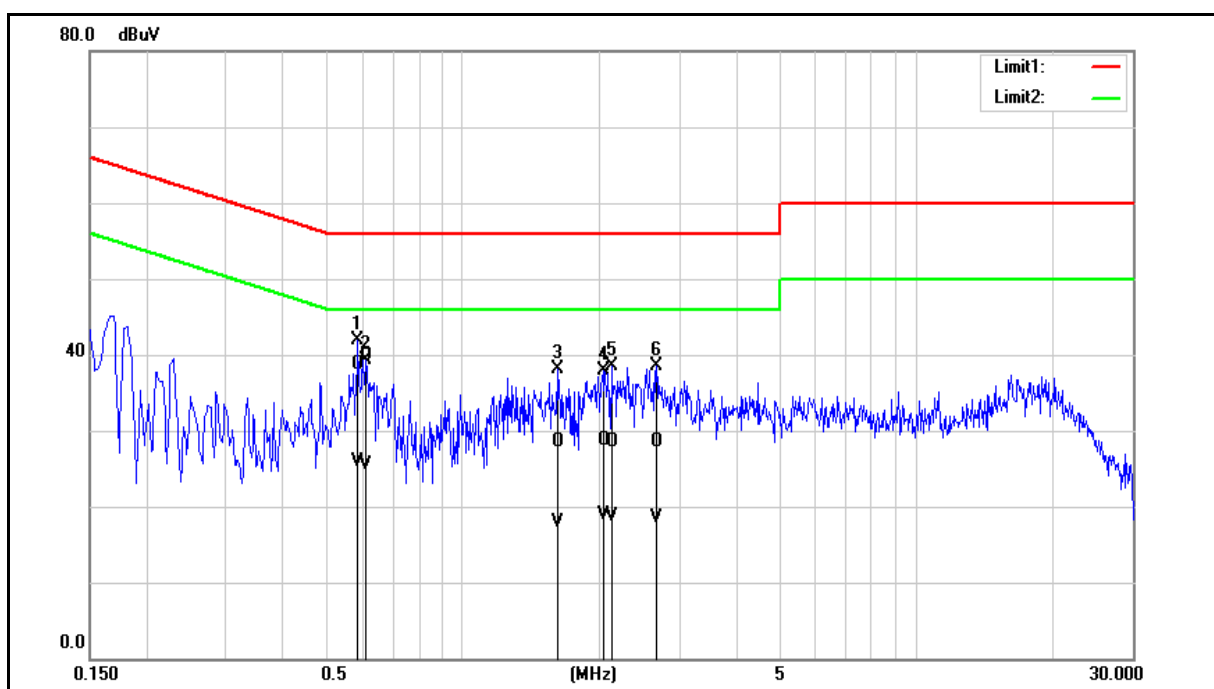


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.5540	28.99	11.60	9.71	38.70	21.31	56.00	46.00	-17.30	-24.69	Pass
2	0.5740	35.16	21.60	9.71	44.87	31.31	56.00	46.00	-11.13	-14.69	Pass
3	0.6100	38.27	23.19	9.71	47.98	32.90	56.00	46.00	-8.02	-13.10	Pass
4	0.6300	36.57	21.79	9.71	46.28	31.50	56.00	46.00	-9.72	-14.50	Pass
5	2.3260	27.74	17.04	9.77	37.51	26.81	56.00	46.00	-18.49	-19.19	Pass
6	2.4780	27.67	17.48	9.77	37.44	27.25	56.00	46.00	-18.56	-18.75	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	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
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	0.5860	29.02	16.11	9.70	38.72	25.81	56.00	46.00	-17.28	-20.19	Pass
2	0.6100	30.20	15.80	9.70	39.90	25.50	56.00	46.00	-16.10	-20.50	Pass
3	1.6180	18.73	8.14	9.73	28.46	17.87	56.00	46.00	-27.54	-28.13	Pass
4	2.0420	18.90	9.07	9.75	28.65	18.82	56.00	46.00	-27.35	-27.18	Pass
5	2.1300	18.73	8.93	9.75	28.48	18.68	56.00	46.00	-27.52	-27.32	Pass
6	2.6660	18.75	8.70	9.76	28.51	18.46	56.00	46.00	-27.49	-27.54	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。

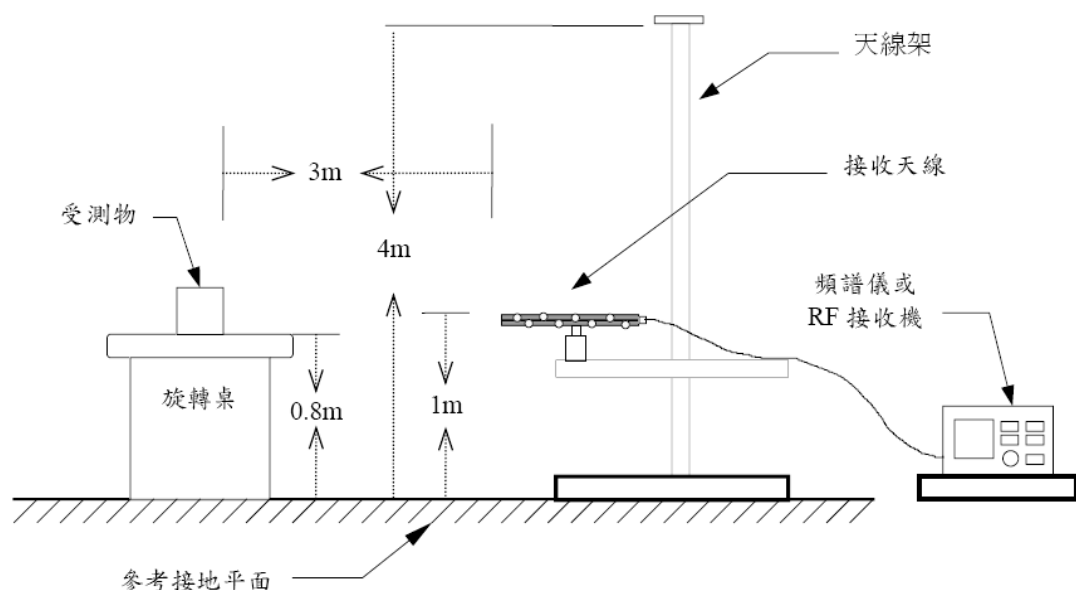
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

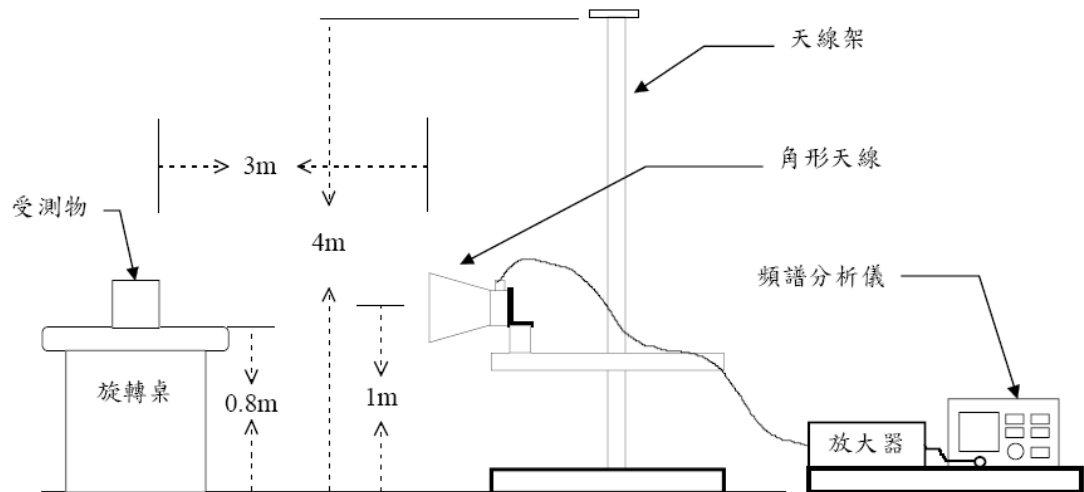
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



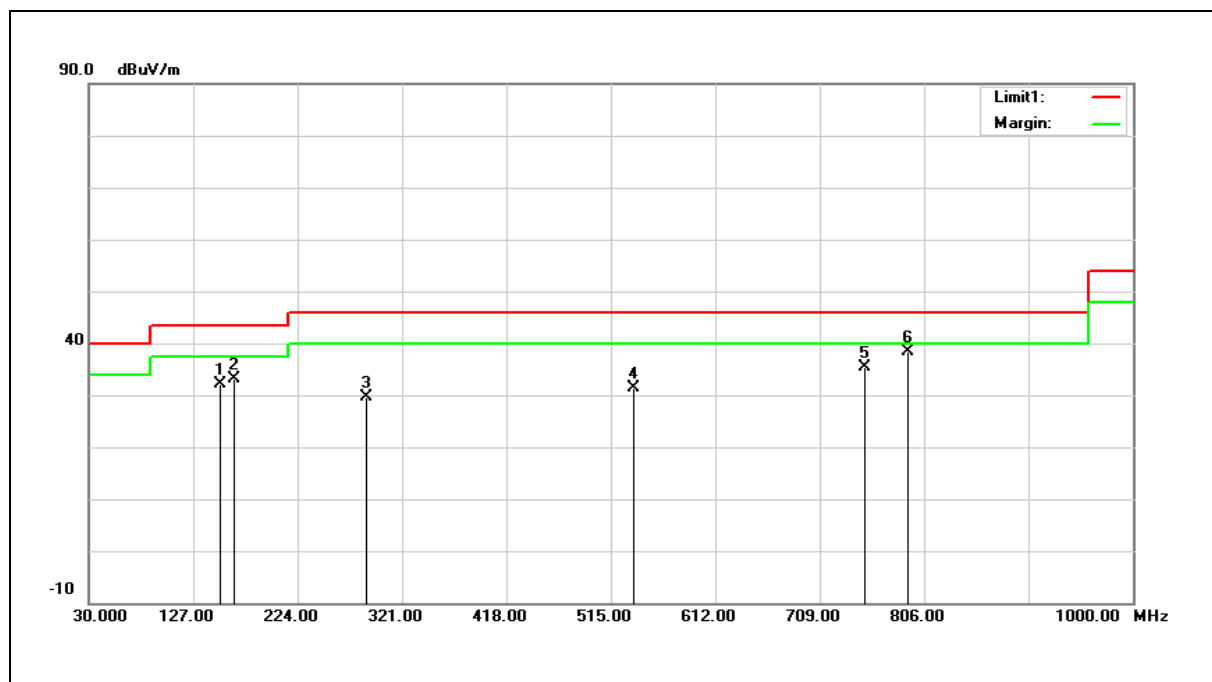
量測頻率高於 1 GHz 以上之測試配置



Core0

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	152.2200	37.86	-5.68	32.18	43.50	-11.32	QP
2	164.8300	38.78	-5.62	33.16	43.50	-10.34	QP
3	288.0200	34.18	-4.50	29.68	46.00	-16.32	QP
4	536.3400	30.71	0.71	31.42	46.00	-14.58	QP
5	750.7100	30.28	5.22	35.50	46.00	-10.50	QP
6	790.4800	32.70	5.70	38.40	46.00	-7.60	QP

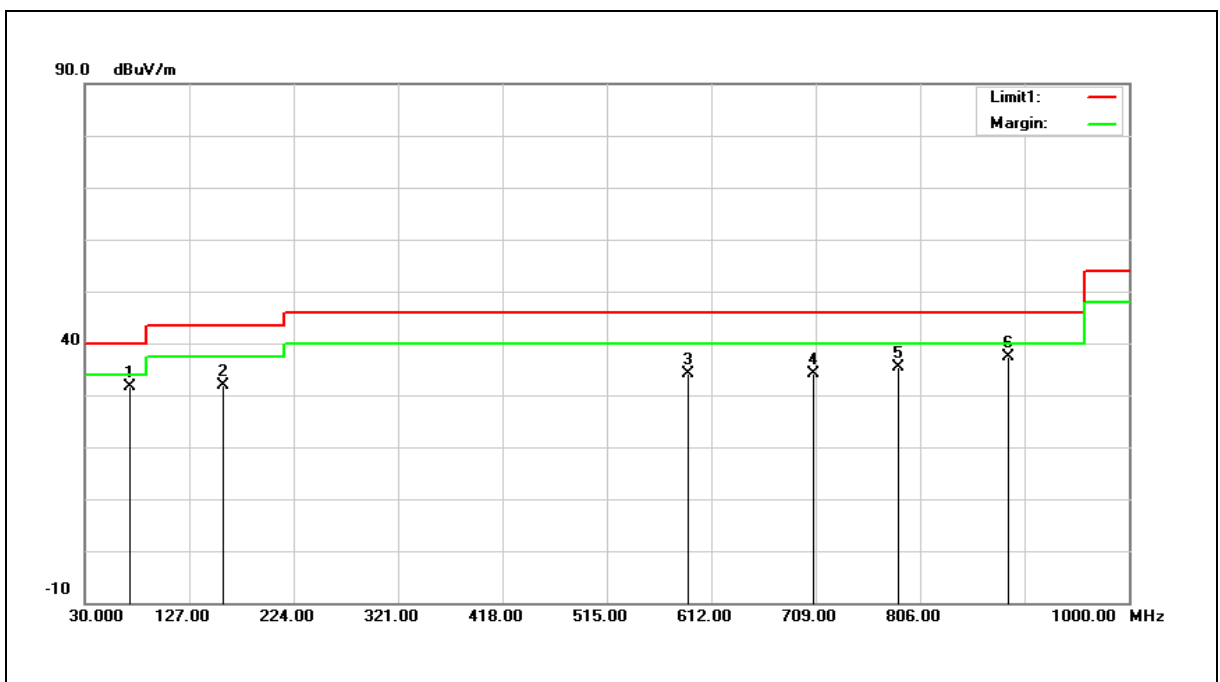
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 32.18 = -5.68 + 37.86

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	71.7100	40.62	-9.04	31.58	40.00	-8.42	QP
2	158.0400	37.27	-5.47	31.80	43.50	-11.70	QP
3	590.6600	31.97	2.23	34.20	46.00	-11.80	QP
4	707.0600	30.02	4.11	34.13	46.00	-11.87	QP
5	785.6300	29.75	5.65	35.40	46.00	-10.60	QP
6	888.4500	30.01	7.37	37.38	46.00	-8.62	QP

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

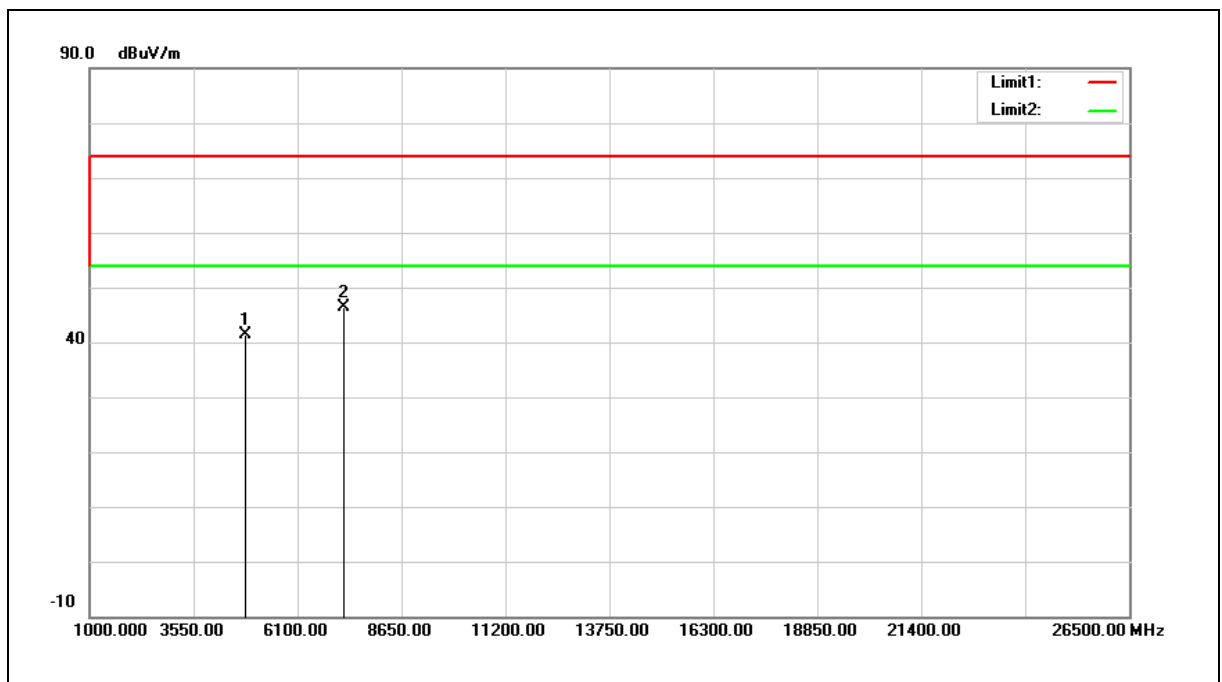
Example: 31.58 = -9.04 + 40.62

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

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

場強輻射量側 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.36	5.97	41.33	74.00	-32.67	peak
2	7236.000	33.89	12.48	46.37	74.00	-27.63	peak

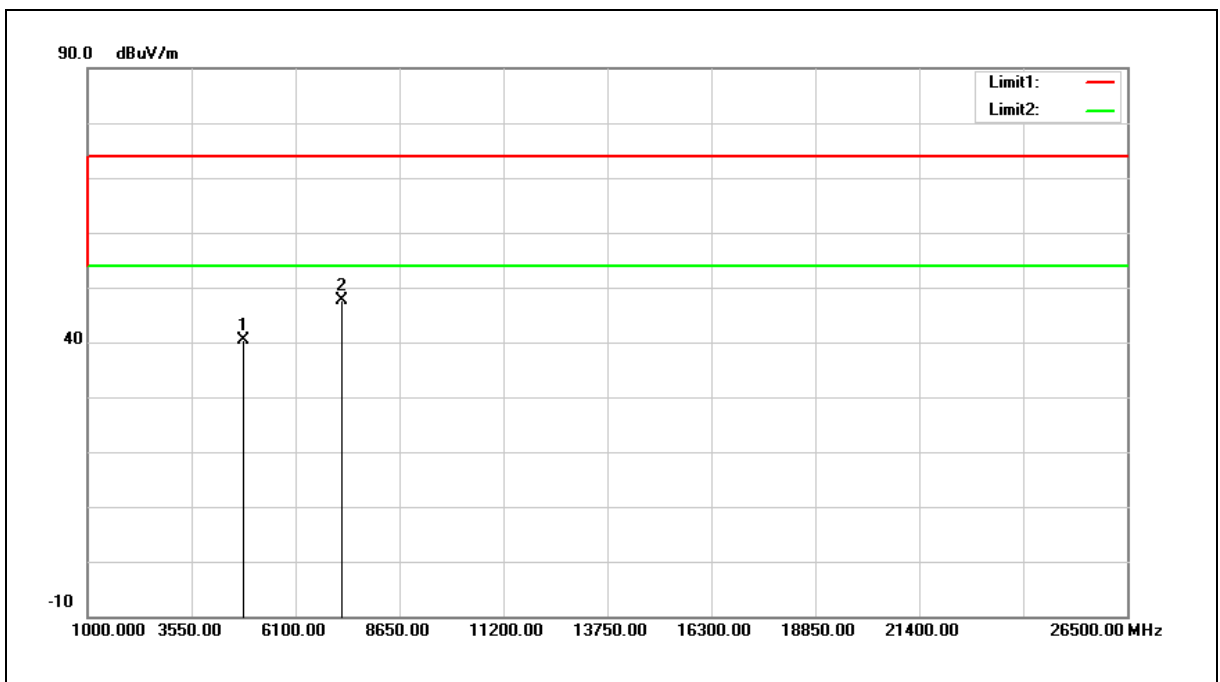
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $41.33 = 5.97 + 35.36$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.47	5.97	40.44	74.00	-33.56	peak
2	7236.000	35.07	12.48	47.55	74.00	-26.45	peak

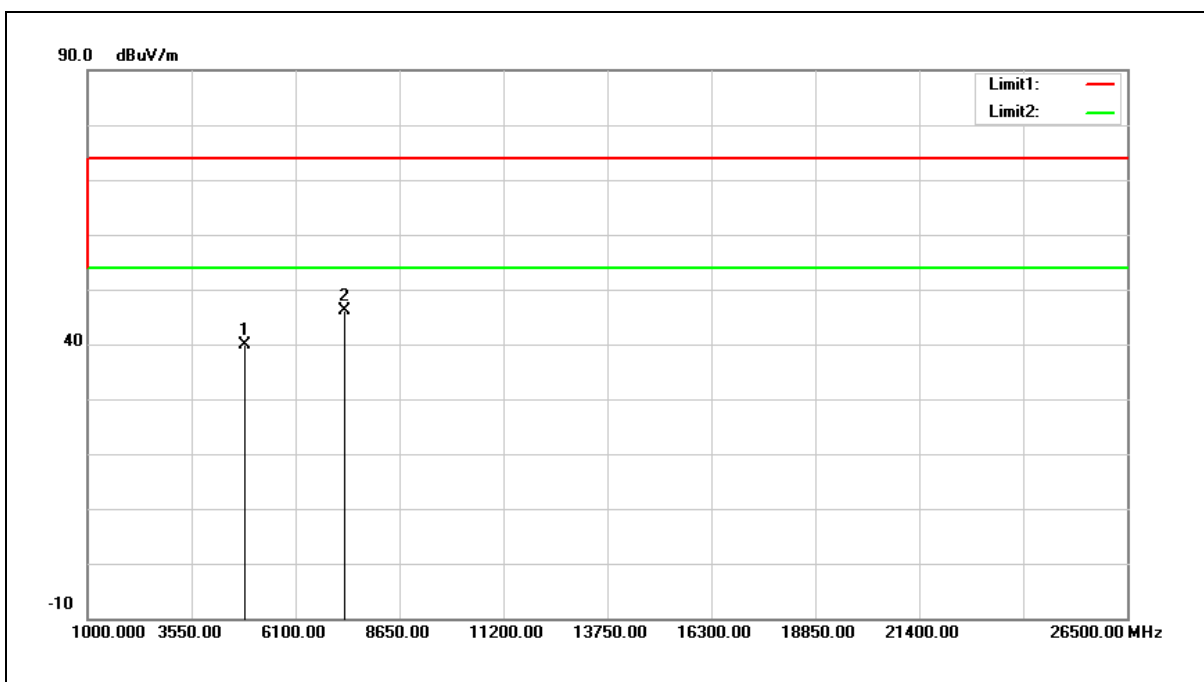
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $40.44 = 5.97 + 34.47$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



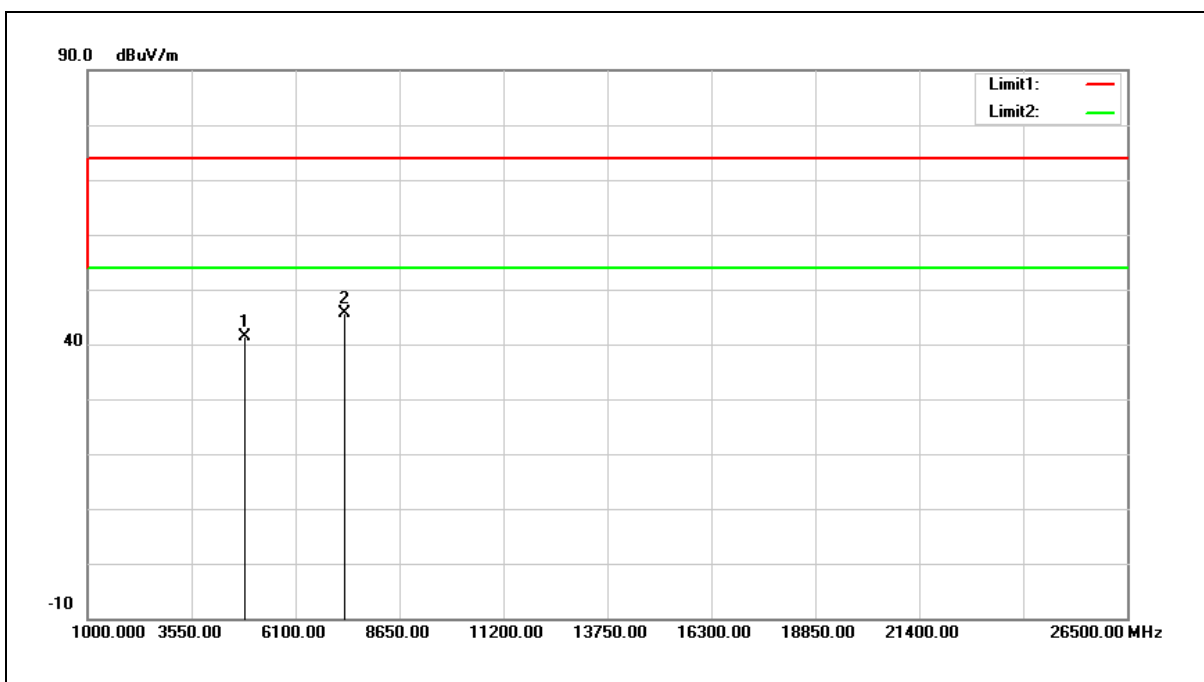
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.76	6.12	39.88	74.00	-34.12	peak
2	7311.000	33.51	12.73	46.24	74.00	-27.76	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



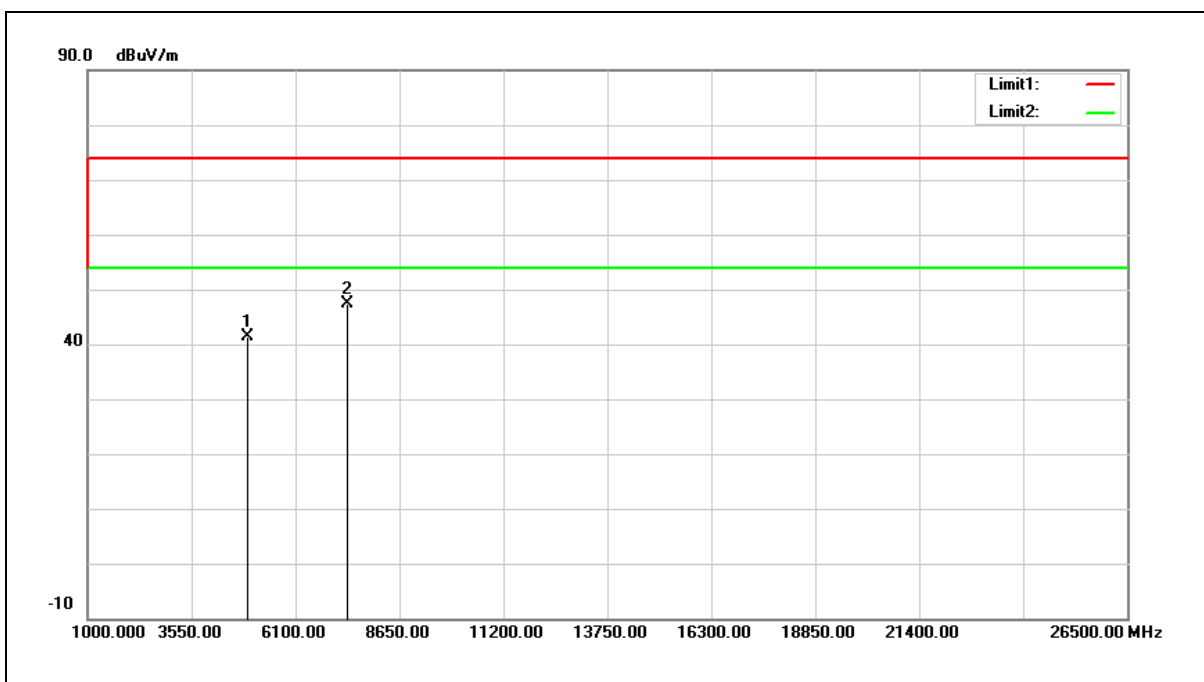
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	35.34	6.12	41.46	74.00	-32.54	peak
2	7311.000	32.90	12.73	45.63	74.00	-28.37	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



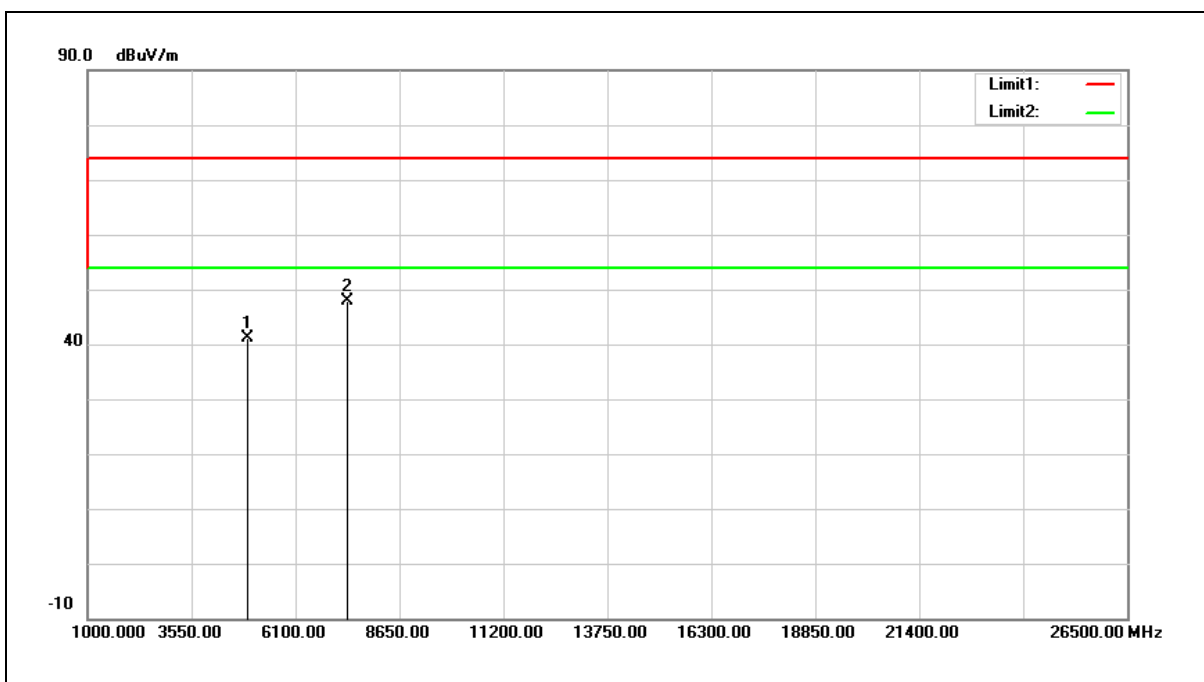
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.01	6.28	41.29	74.00	-32.71	peak
2	7386.000	34.37	12.99	47.36	74.00	-26.64	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.97	6.28	41.25	74.00	-32.75	peak
2	7386.000	34.90	12.99	47.89	74.00	-26.11	peak

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

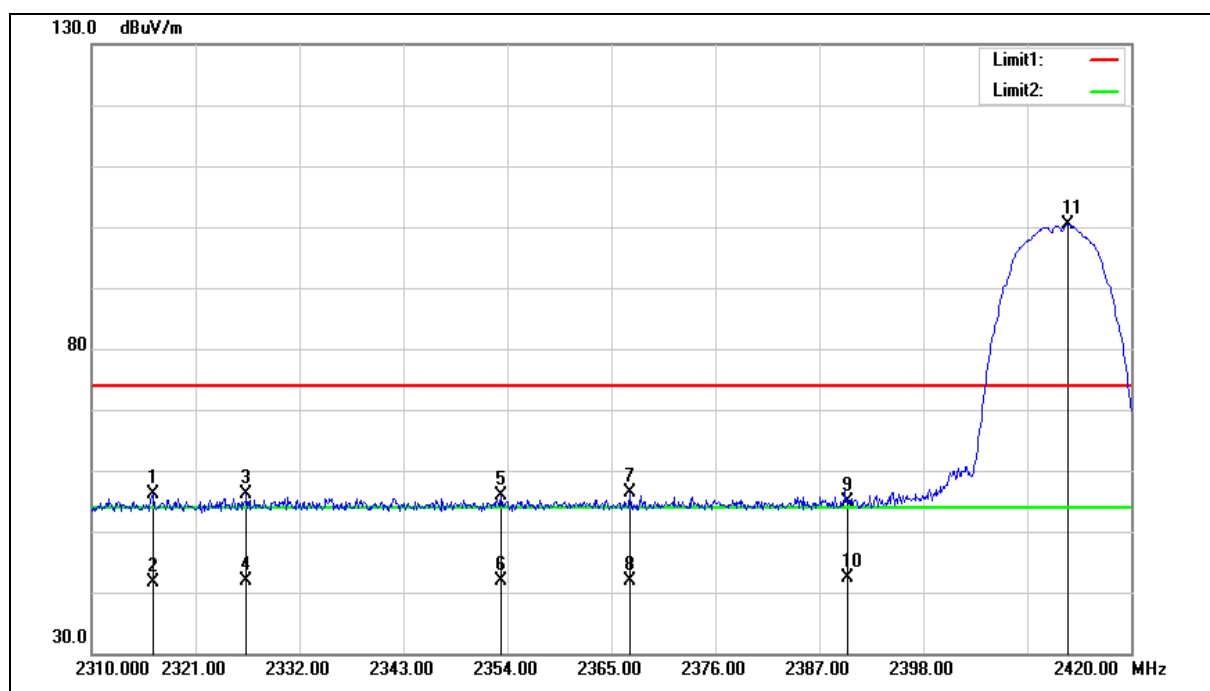
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

頻帶邊緣

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

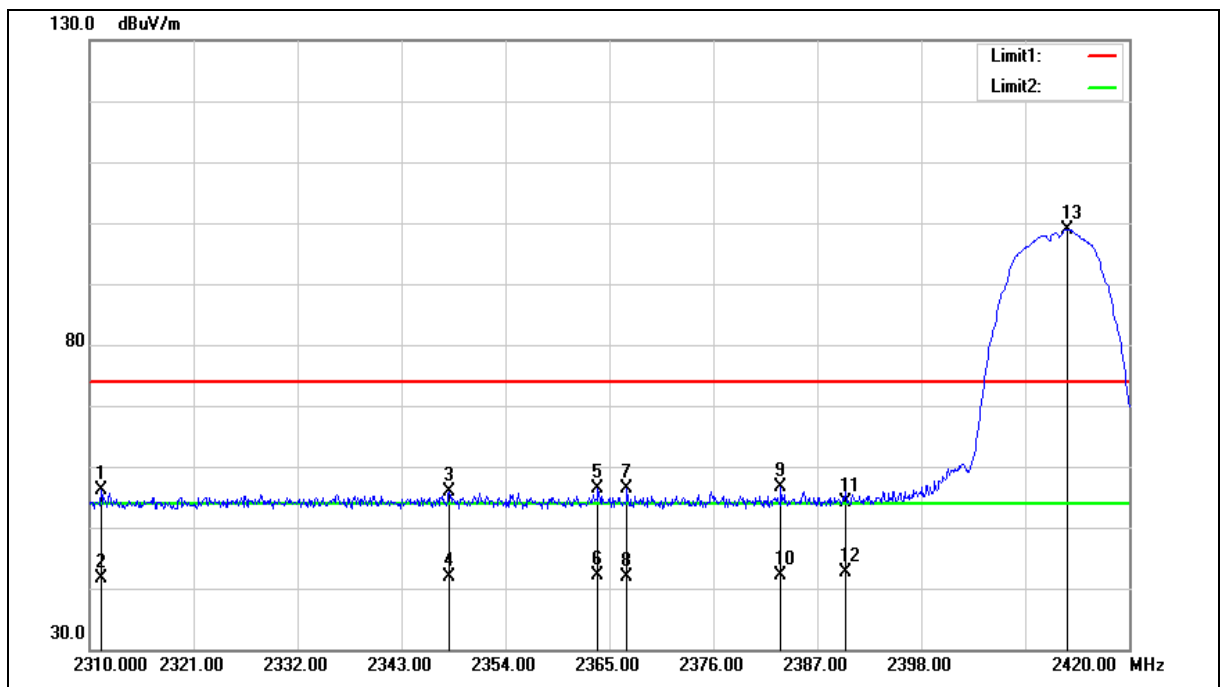
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2316.490	57.27	-1.24	56.03	74.00	-17.97	peak
2	2316.490	42.93	-1.24	41.69	54.00	-12.31	AVG
3	2326.390	57.23	-1.19	56.04	74.00	-17.96	peak
4	2326.390	42.99	-1.19	41.80	54.00	-12.20	AVG
5	2353.340	56.97	-1.05	55.92	74.00	-18.08	peak
6	2353.340	42.90	-1.05	41.85	54.00	-12.15	AVG
7	2366.980	57.32	-0.99	56.33	74.00	-17.67	peak
8	2366.980	42.92	-0.99	41.93	54.00	-12.07	AVG
9	2390.000	55.78	-0.87	54.91	74.00	-19.09	peak
10	2390.000	43.15	-0.87	42.28	54.00	-11.72	AVG
11	2413.290	101.12	-0.75	100.37	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

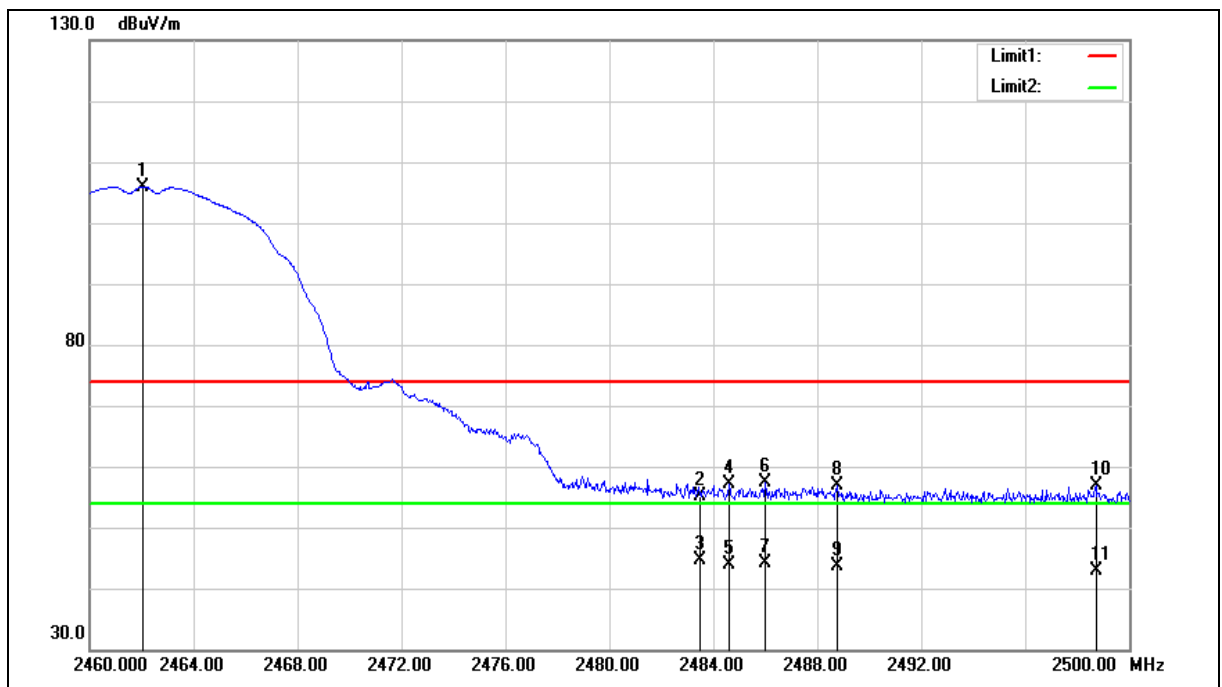
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2311.210	57.38	-1.26	56.12	74.00	-17.88	peak
2	2311.210	42.95	-1.26	41.69	54.00	-12.31	AVG
3	2348.060	56.88	-1.08	55.80	74.00	-18.20	peak
4	2348.060	42.98	-1.08	41.90	54.00	-12.10	AVG
5	2363.790	57.34	-1.00	56.34	74.00	-17.66	peak
6	2363.790	43.01	-1.00	42.01	54.00	-11.99	AVG
7	2366.870	57.26	-0.99	56.27	74.00	-17.73	peak
8	2366.870	42.97	-0.99	41.98	54.00	-12.02	AVG
9	2383.150	57.52	-0.91	56.61	74.00	-17.39	peak
10	2383.150	43.09	-0.91	42.18	54.00	-11.82	AVG
11	2390.000	54.91	-0.87	54.04	74.00	-19.96	peak
12	2390.000	43.39	-0.87	42.52	54.00	-11.48	AVG
13	2413.510	99.67	-0.75	98.92	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

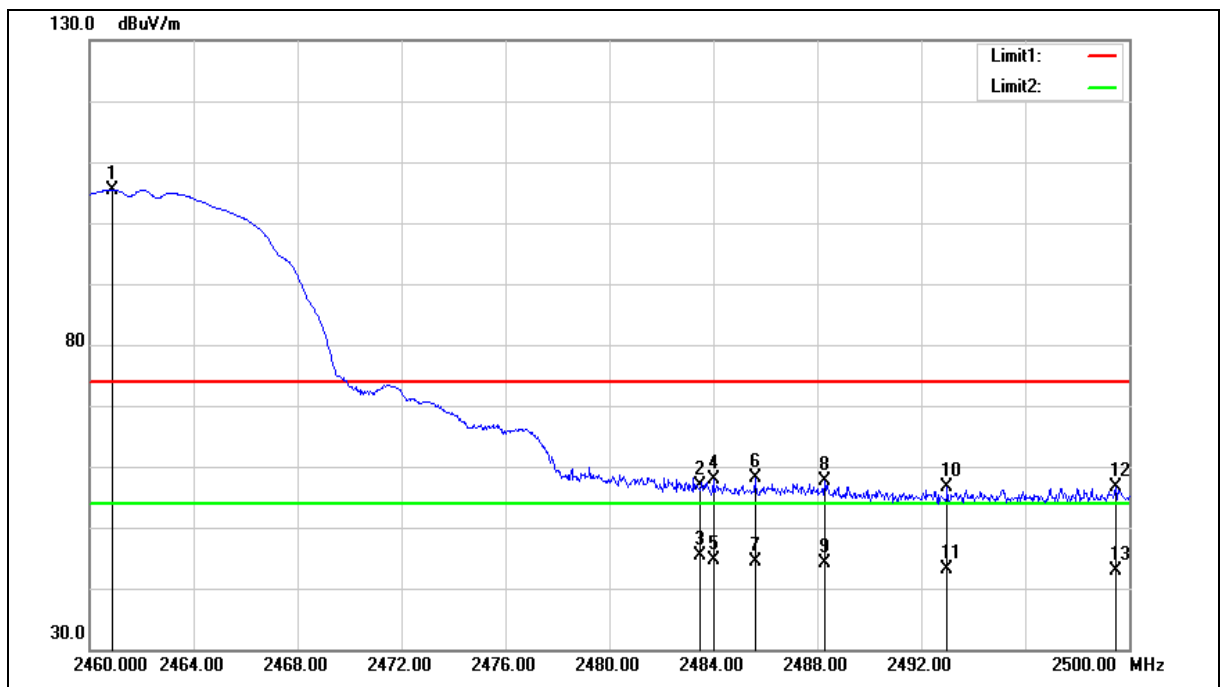
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.040	106.51	-0.51	106.00	--	--	peak
2	2483.500	55.56	-0.40	55.16	74.00	-18.84	peak
3	2483.500	45.10	-0.40	44.70	54.00	-9.30	AVG
4	2484.600	57.61	-0.39	57.22	74.00	-16.78	peak
5	2484.600	44.36	-0.39	43.97	54.00	-10.03	AVG
6	2486.000	57.69	-0.38	57.31	74.00	-16.69	peak
7	2486.000	44.39	-0.38	44.01	54.00	-9.99	AVG
8	2488.760	57.20	-0.37	56.83	74.00	-17.17	peak
9	2488.760	44.11	-0.37	43.74	54.00	-10.26	AVG
10	2498.720	57.20	-0.31	56.89	74.00	-17.11	peak
11	2498.720	43.11	-0.31	42.80	54.00	-11.20	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.880	105.98	-0.51	105.47	--	--	peak
2	2483.500	57.38	-0.40	56.98	74.00	-17.02	peak
3	2483.500	45.81	-0.40	45.41	54.00	-8.59	AVG
4	2484.000	58.16	-0.39	57.77	74.00	-16.23	peak
5	2484.000	45.07	-0.39	44.68	54.00	-9.32	AVG
6	2485.600	58.55	-0.38	58.17	74.00	-15.83	peak
7	2485.600	44.68	-0.38	44.30	54.00	-9.70	AVG
8	2488.280	58.10	-0.37	57.73	74.00	-16.27	peak
9	2488.280	44.44	-0.37	44.07	54.00	-9.93	AVG
10	2493.000	56.85	-0.34	56.51	74.00	-17.49	peak
11	2493.000	43.37	-0.34	43.03	54.00	-10.97	AVG
12	2499.480	56.89	-0.31	56.58	74.00	-17.42	peak
13	2499.480	43.09	-0.31	42.78	54.00	-11.22	AVG

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

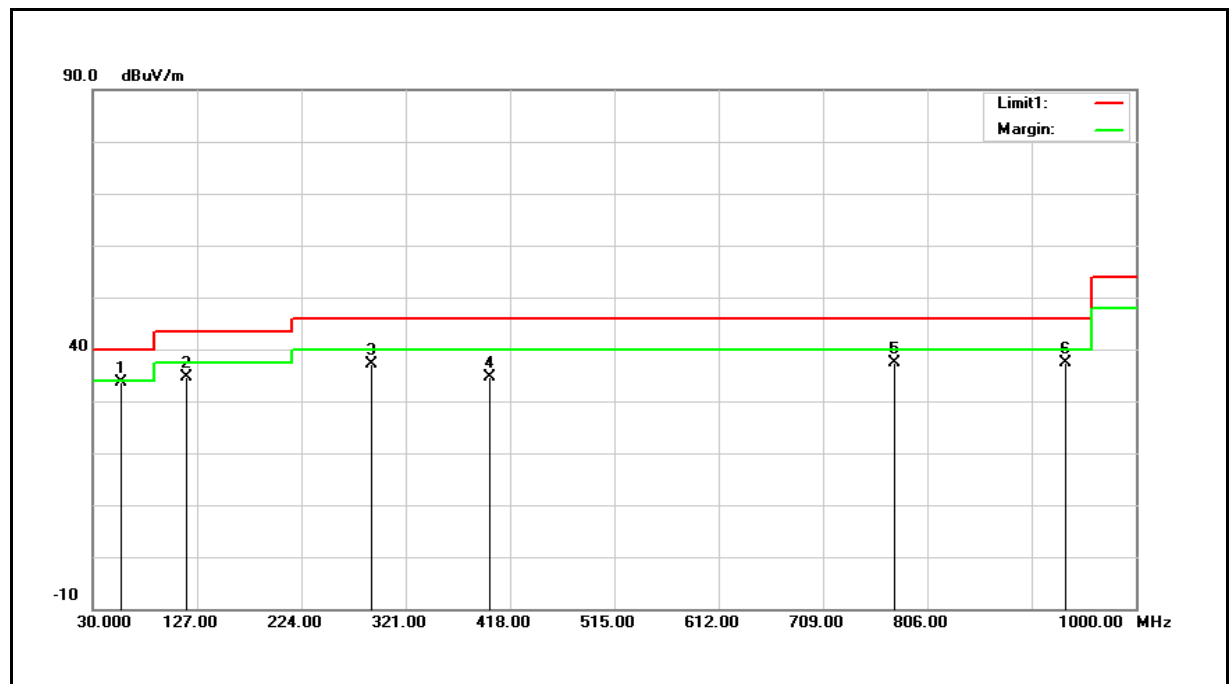
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Core0 + Core1

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission	Power:	AC 110 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	56.1900	39.81	-6.26	33.55	40.00	-6.45	QP
2	117.3000	43.37	-8.66	34.71	43.50	-8.79	QP
3	288.9900	41.49	-4.46	37.03	46.00	-8.97	QP
4	399.5700	36.71	-2.10	34.61	46.00	-11.39	QP
5	775.9300	31.78	5.53	37.31	46.00	-8.69	QP
6	934.0400	28.88	8.59	37.47	46.00	-8.53	QP

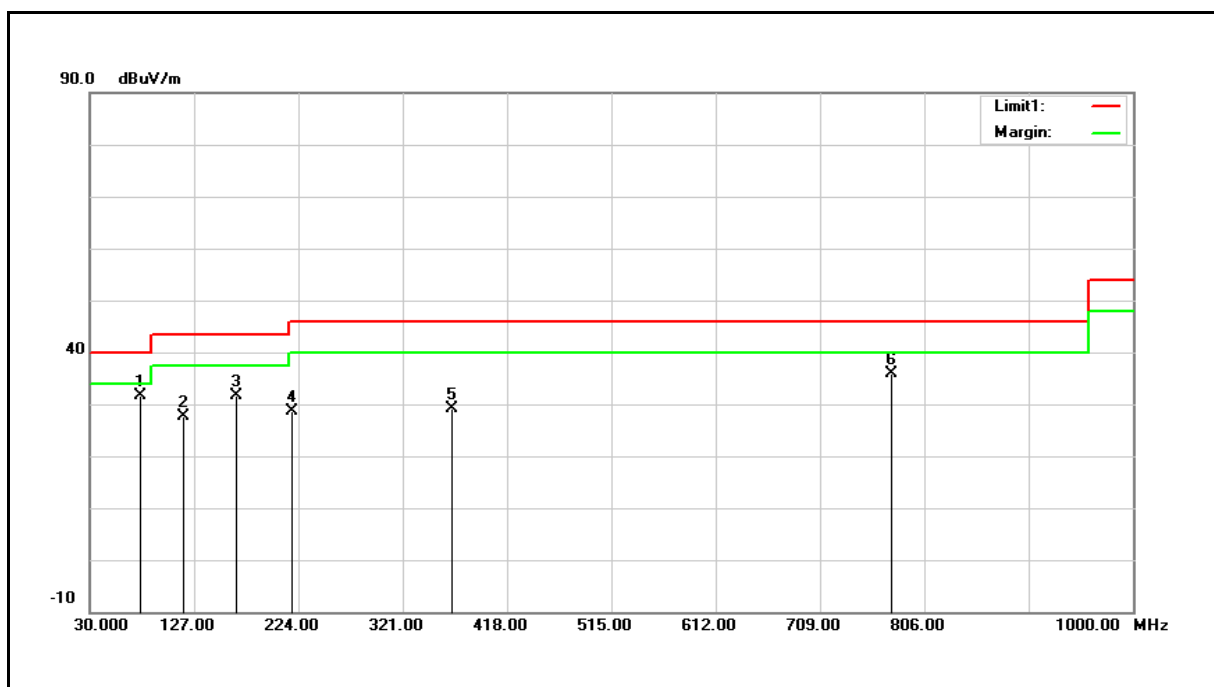
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 33.55 = -6.26 + 39.81

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission	Power:	AC 110 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	76.5600	41.74	-10.12	31.62	40.00	-8.38	QP
2	117.3000	36.17	-8.66	27.51	43.50	-15.99	QP
3	166.7700	37.43	-5.69	31.74	43.50	-11.76	QP
4	218.1800	35.83	-7.23	28.60	46.00	-17.40	QP
5	366.5900	32.20	-2.96	29.24	46.00	-16.76	QP
6	775.9300	30.28	5.53	35.81	46.00	-10.19	QP

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

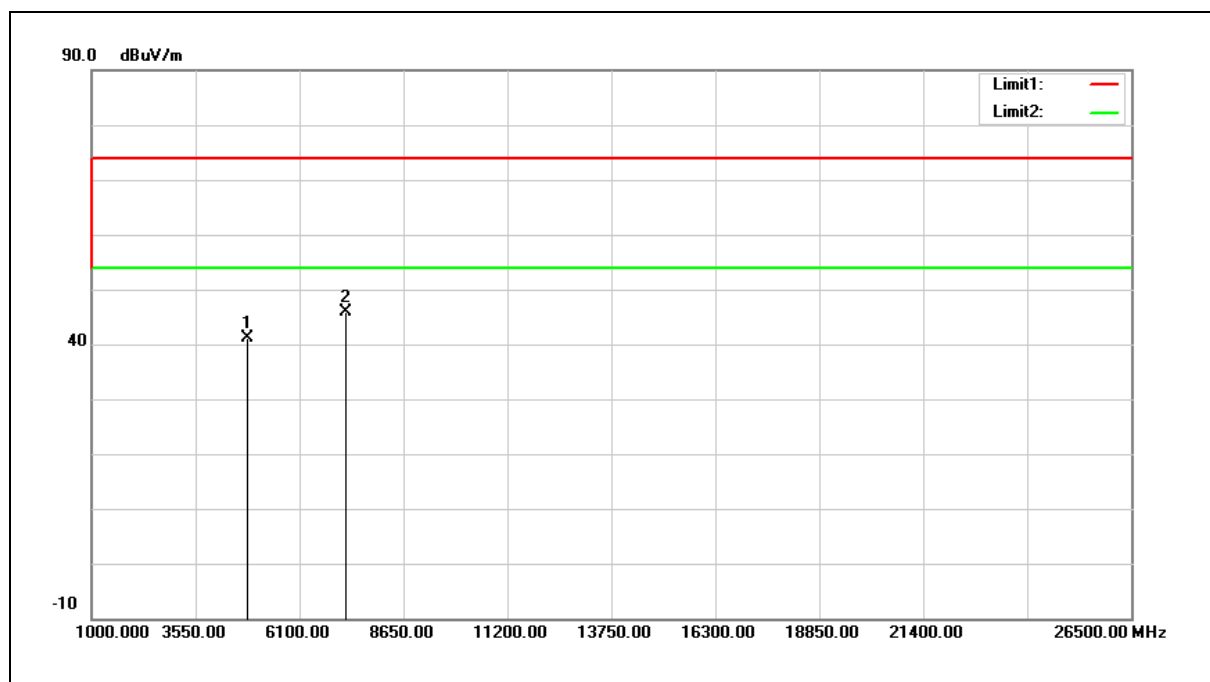
Example: 31.62 = -10.12 + 41.74

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

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

場強輻射量側 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.17	5.97	41.14	74.00	-32.86	peak
2	7236.000	33.29	12.48	45.77	74.00	-28.23	peak

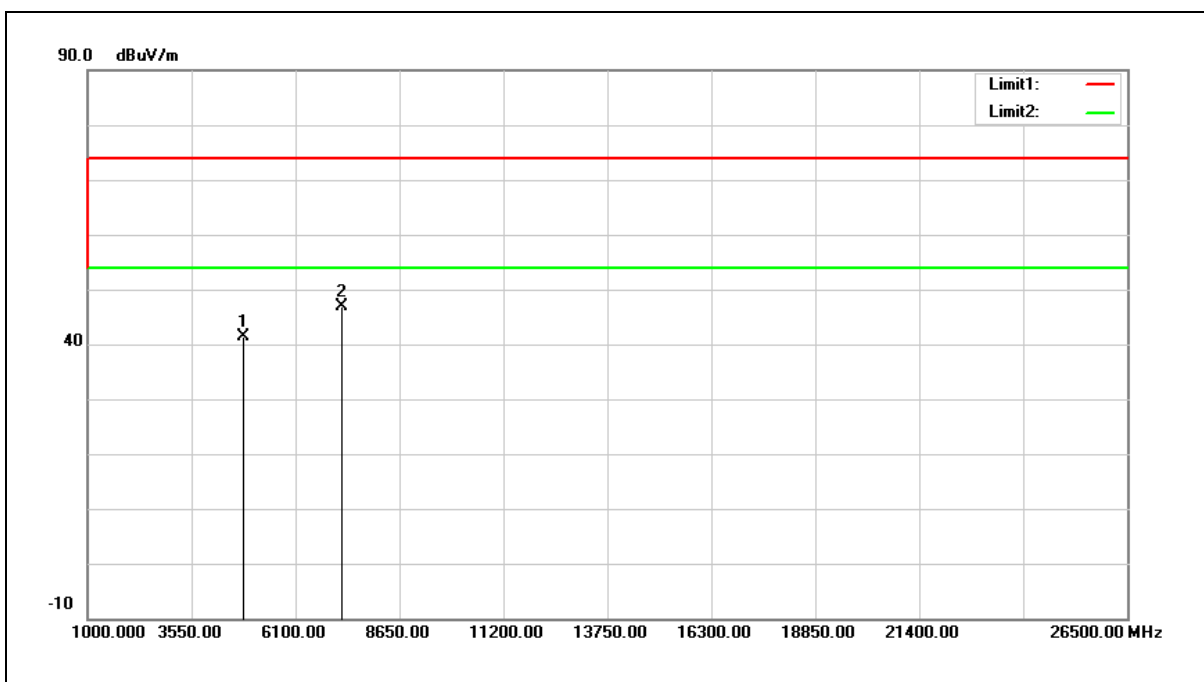
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $41.14 = 5.97 + 35.17$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.36	5.97	41.33	74.00	-32.67	peak
2	7236.000	34.49	12.48	46.97	74.00	-27.03	peak

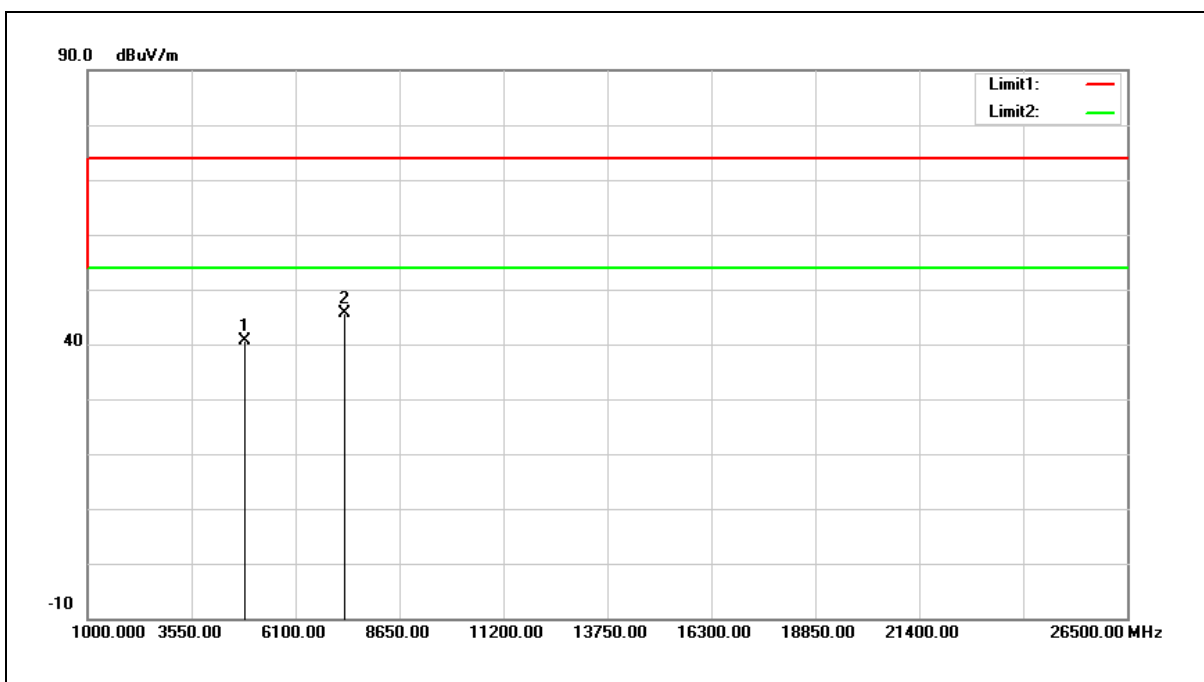
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $41.33 = 5.97 + 35.36$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



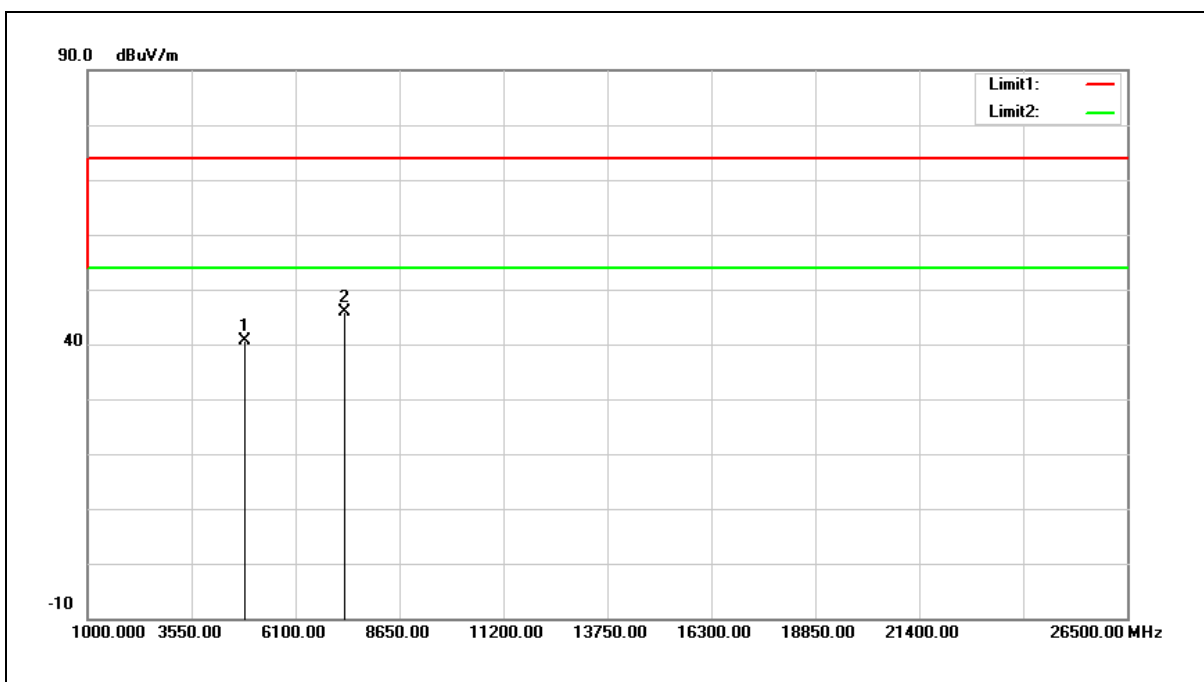
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.42	6.12	40.54	74.00	-33.46	peak
2	7311.000	32.85	12.73	45.58	74.00	-28.42	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



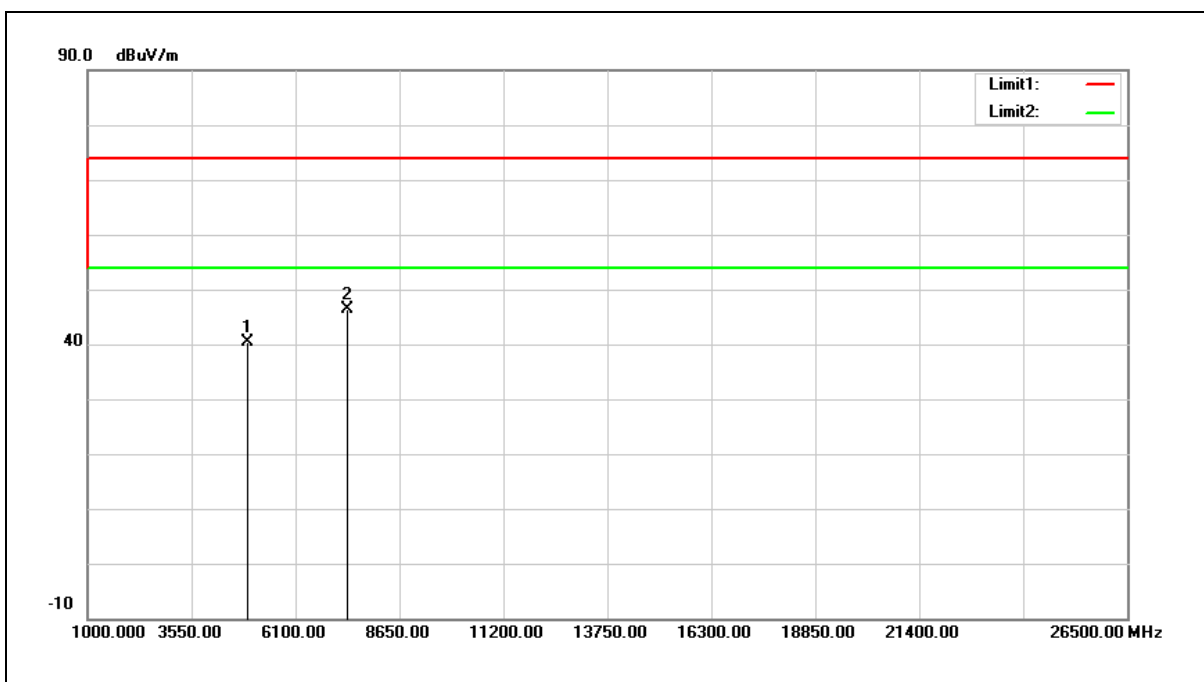
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.43	6.12	40.55	74.00	-33.45	peak
2	7311.000	33.16	12.73	45.89	74.00	-28.11	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



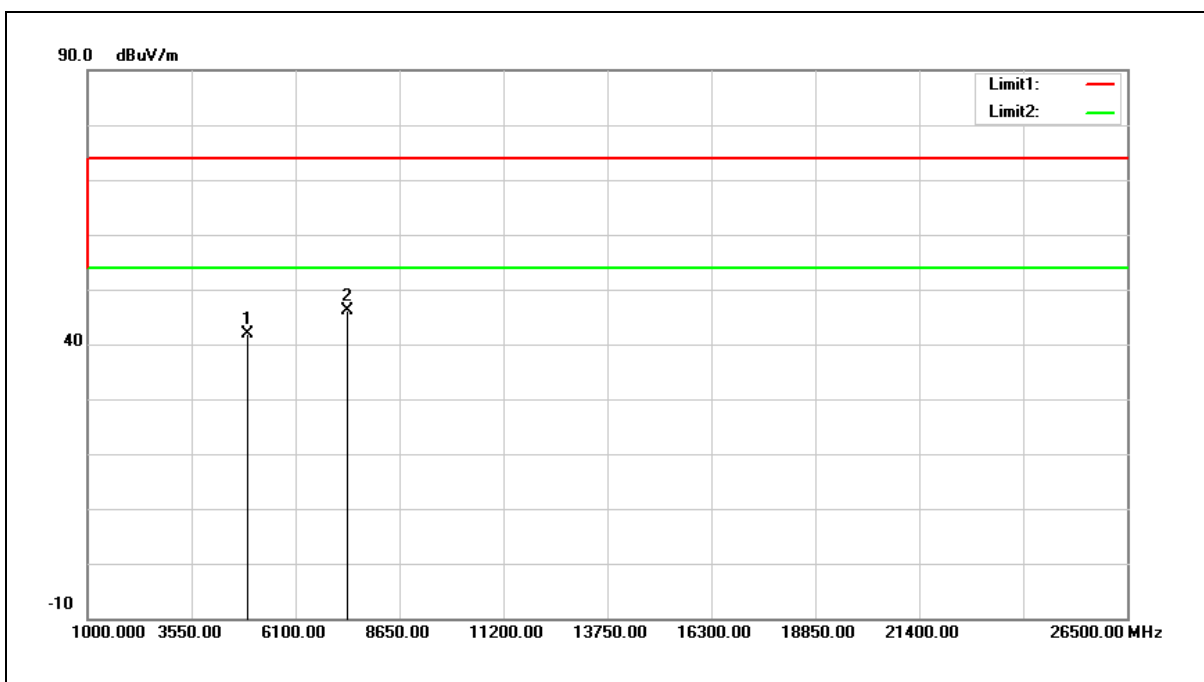
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.06	6.28	40.34	74.00	-33.66	peak
2	7386.000	33.36	12.99	46.35	74.00	-27.65	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



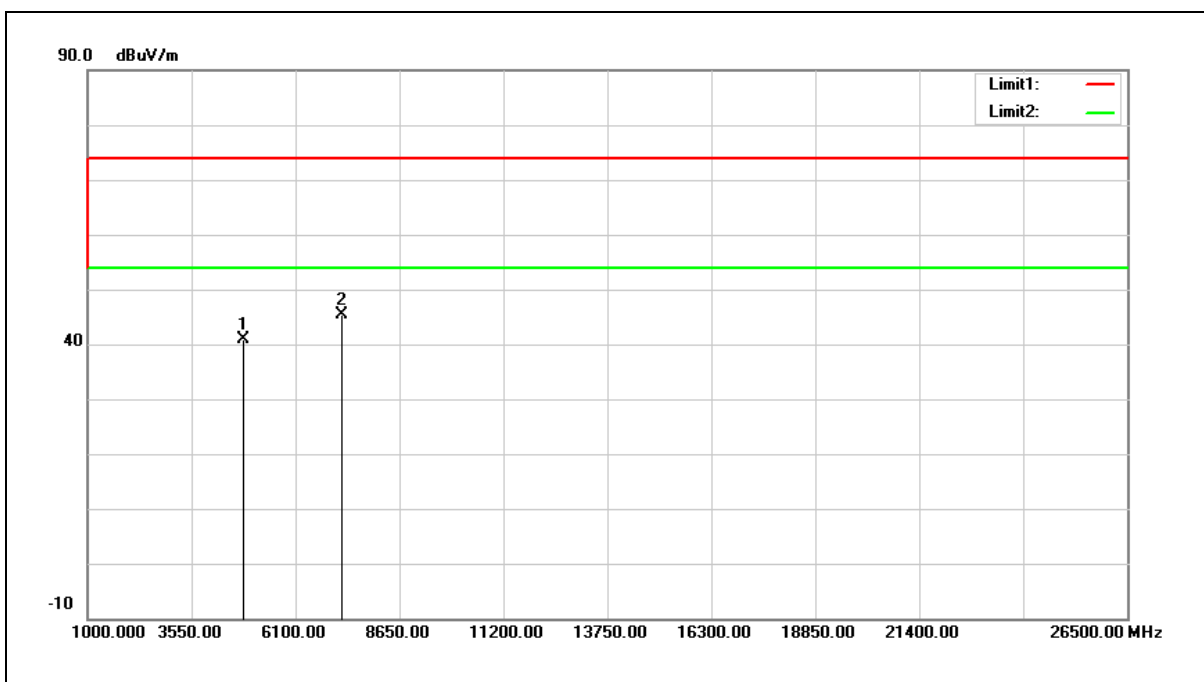
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.57	6.28	41.85	74.00	-32.15	peak
2	7386.000	33.10	12.99	46.09	74.00	-27.91	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



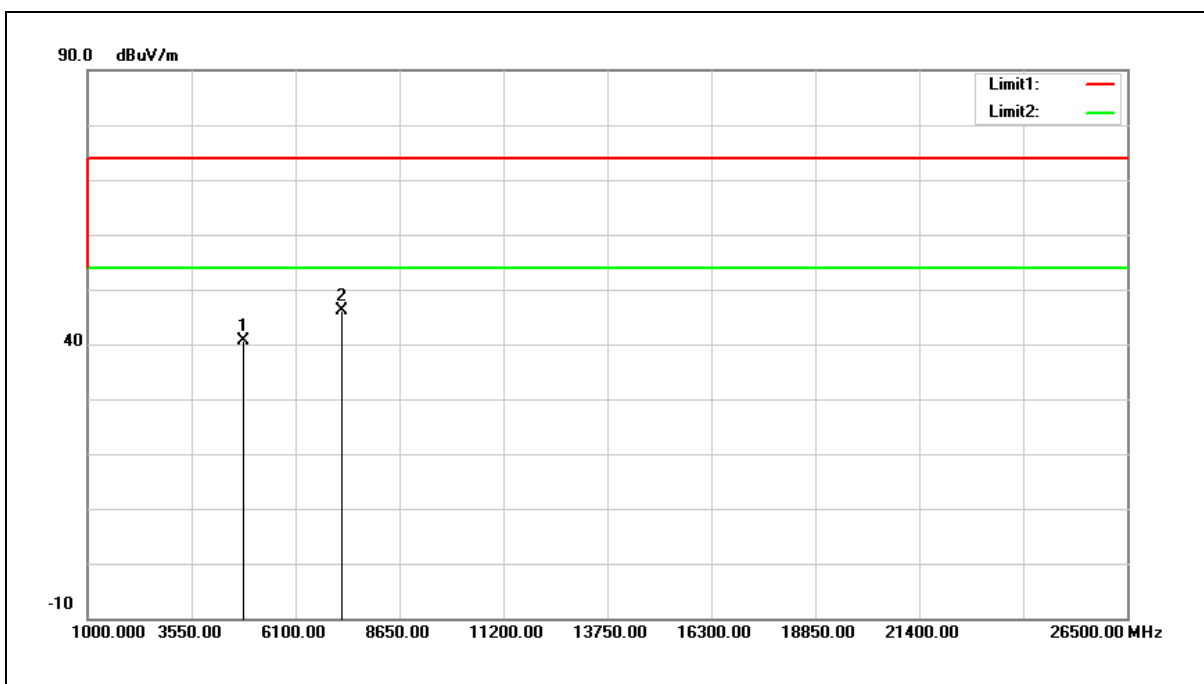
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.03	5.97	41.00	74.00	-33.00	peak
2	7236.000	32.82	12.48	45.30	74.00	-28.70	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



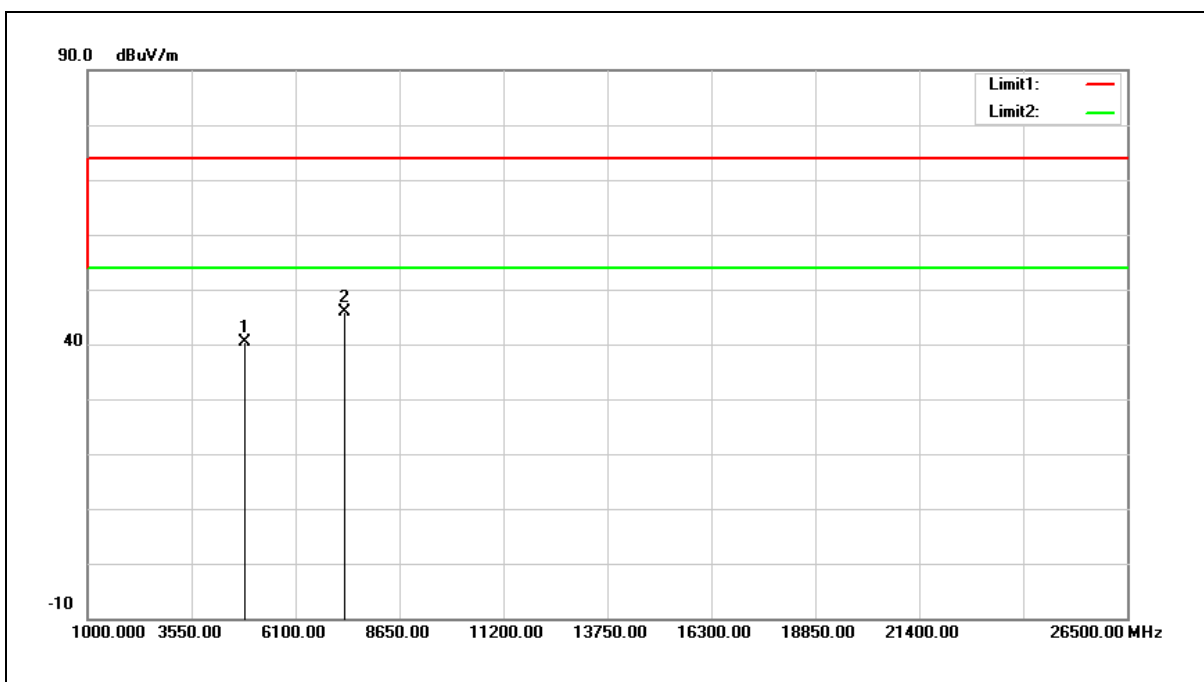
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.61	5.97	40.58	74.00	-33.42	peak
2	7236.000	33.54	12.48	46.02	74.00	-27.98	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



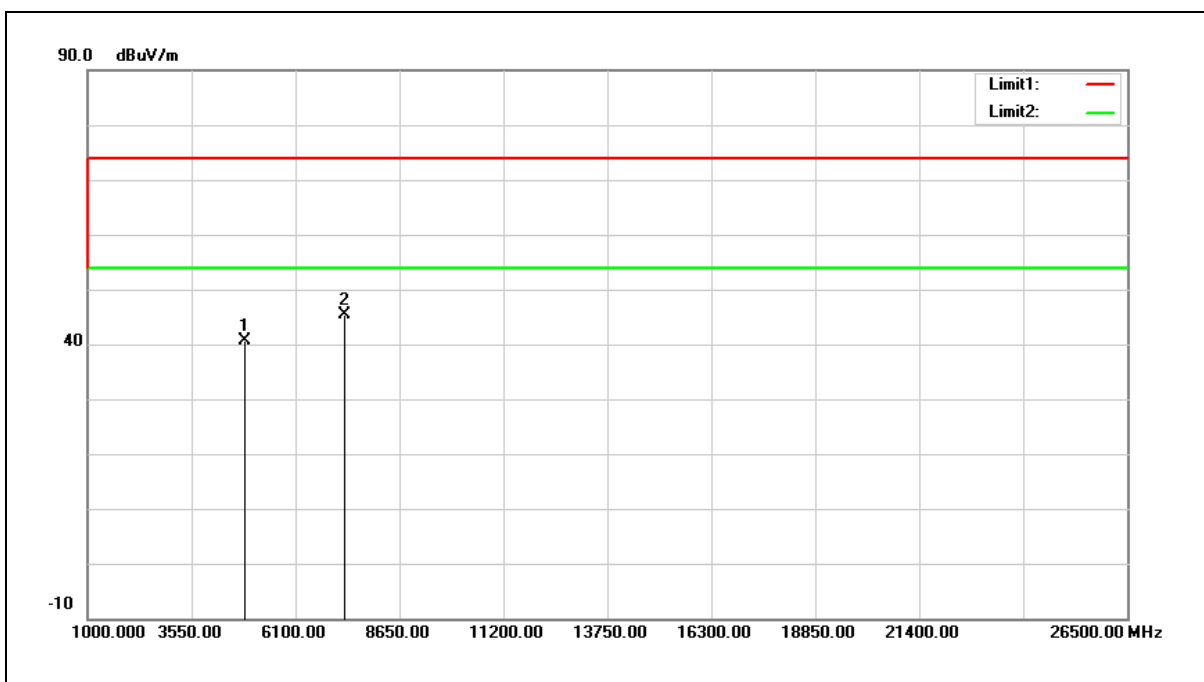
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.35	6.12	40.47	74.00	-33.53	peak
2	7311.000	33.25	12.73	45.98	74.00	-28.02	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



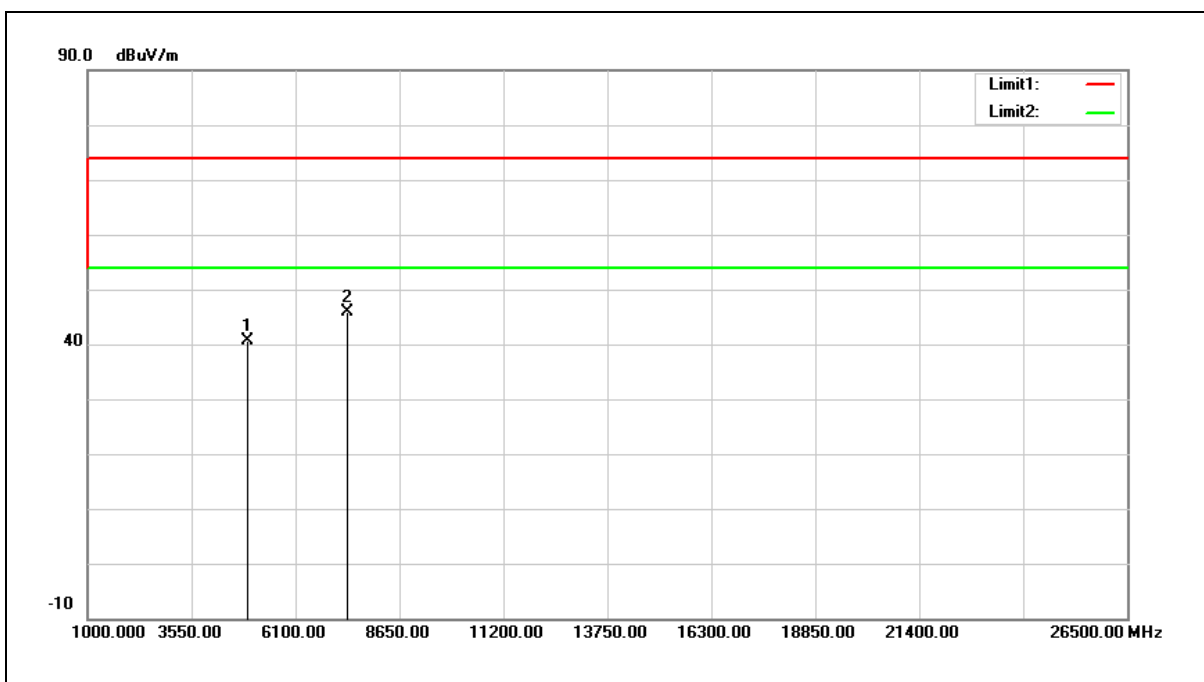
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.56	6.12	40.68	74.00	-33.32	peak
2	7311.000	32.59	12.73	45.32	74.00	-28.68	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



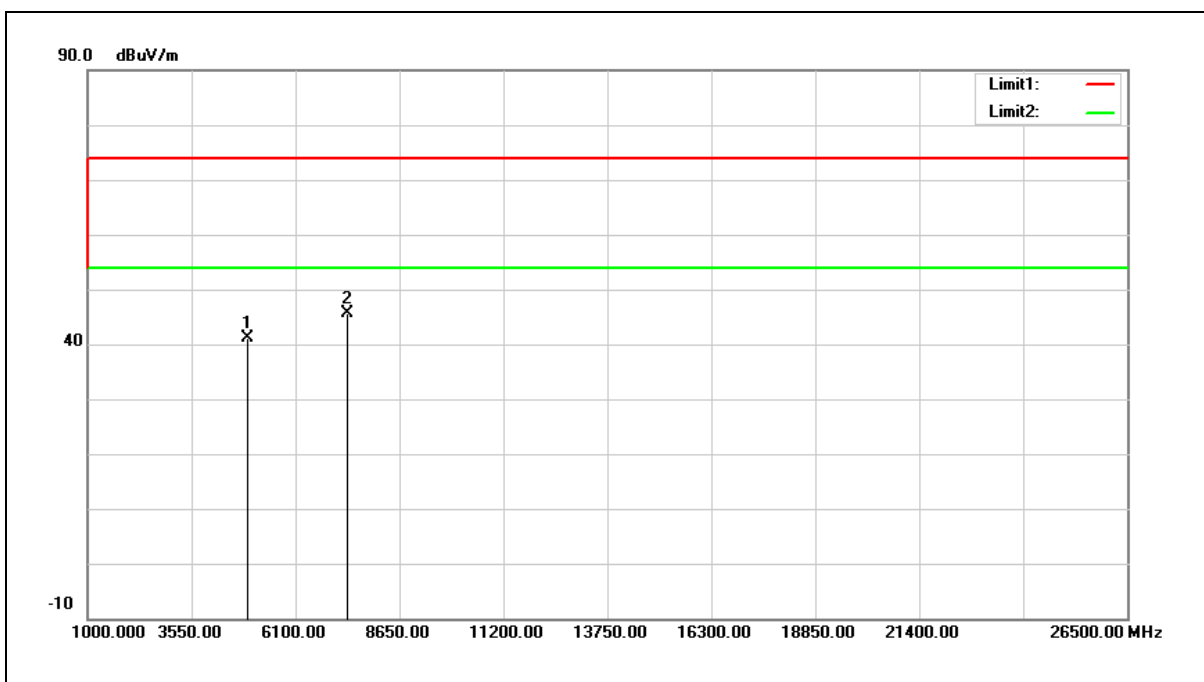
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.46	6.28	40.74	74.00	-33.26	peak
2	7386.000	32.84	12.99	45.83	74.00	-28.17	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



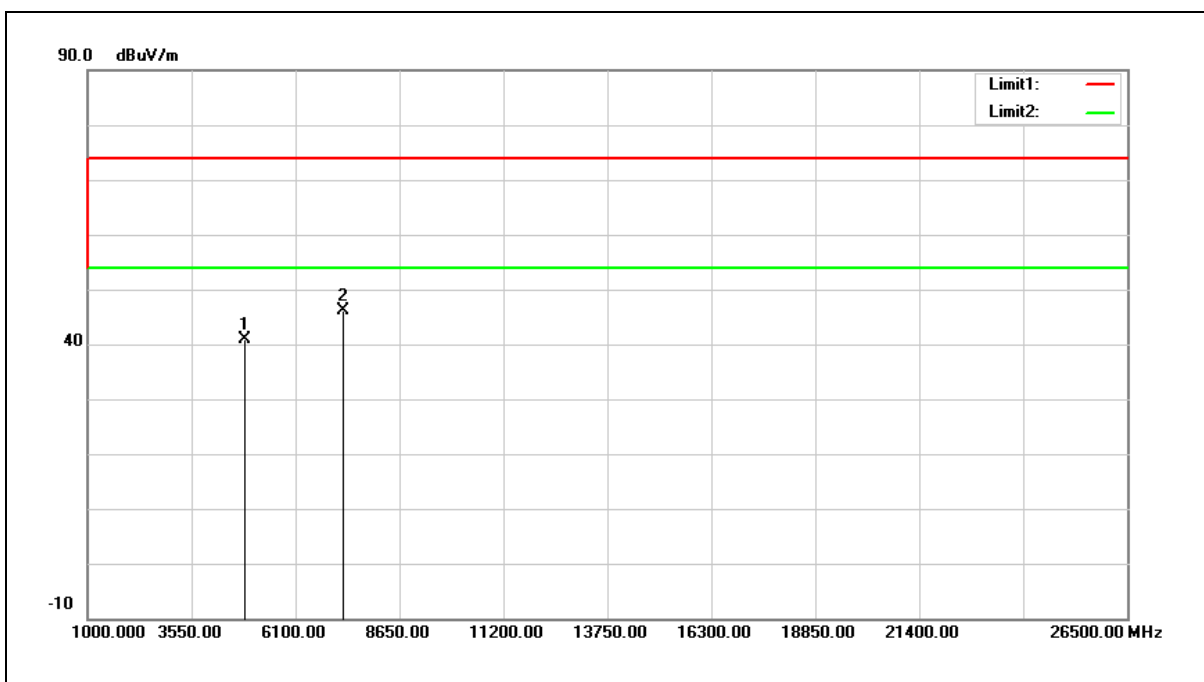
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.83	6.28	41.11	74.00	-32.89	peak
2	7386.000	32.63	12.99	45.62	74.00	-28.38	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



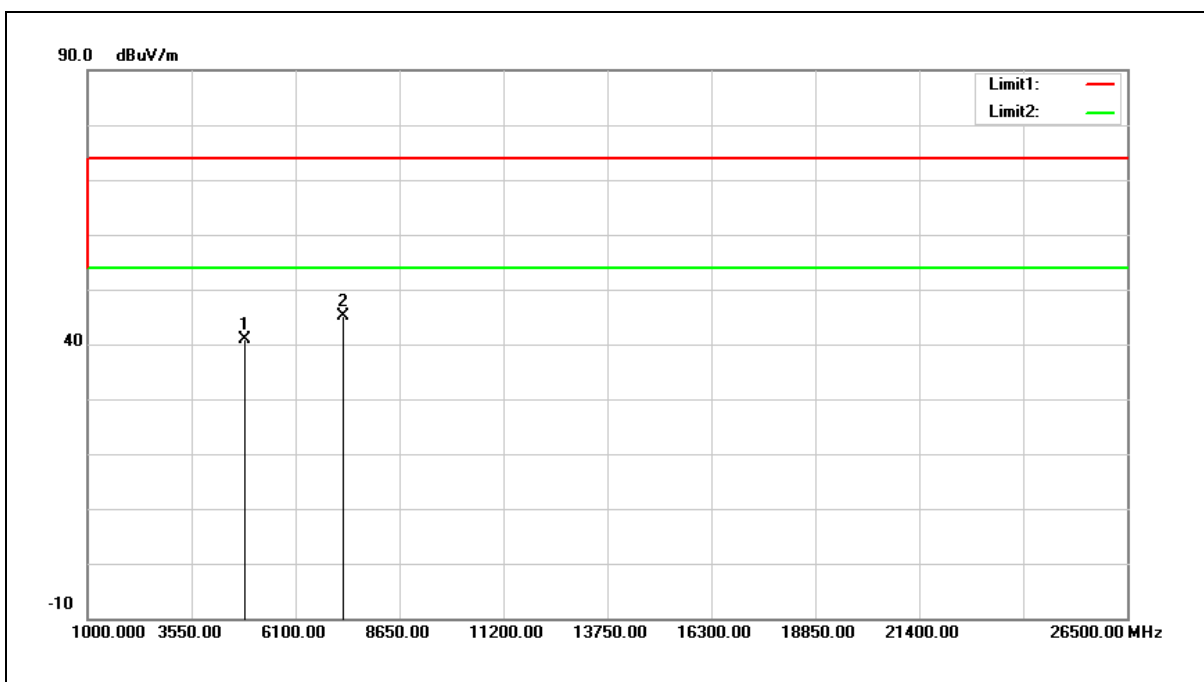
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	34.74	6.04	40.78	74.00	-33.22	peak
2	7266.000	33.51	12.59	46.10	74.00	-27.90	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



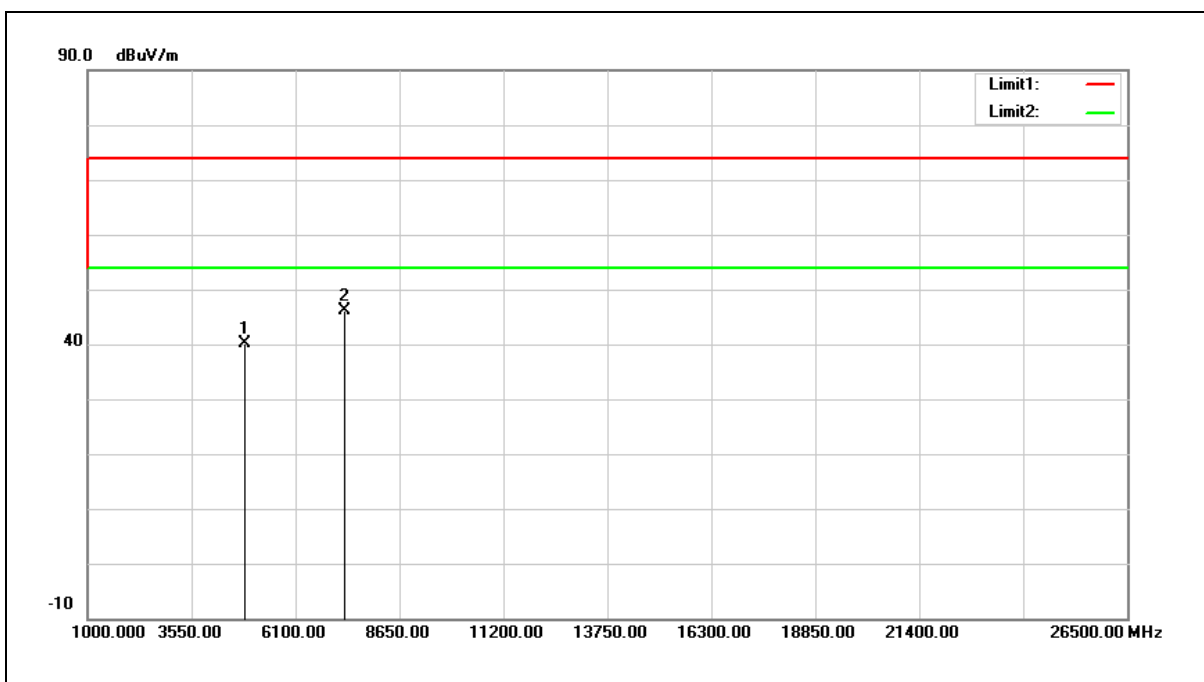
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	34.93	6.04	40.97	74.00	-33.03	peak
2	7266.000	32.60	12.59	45.19	74.00	-28.81	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



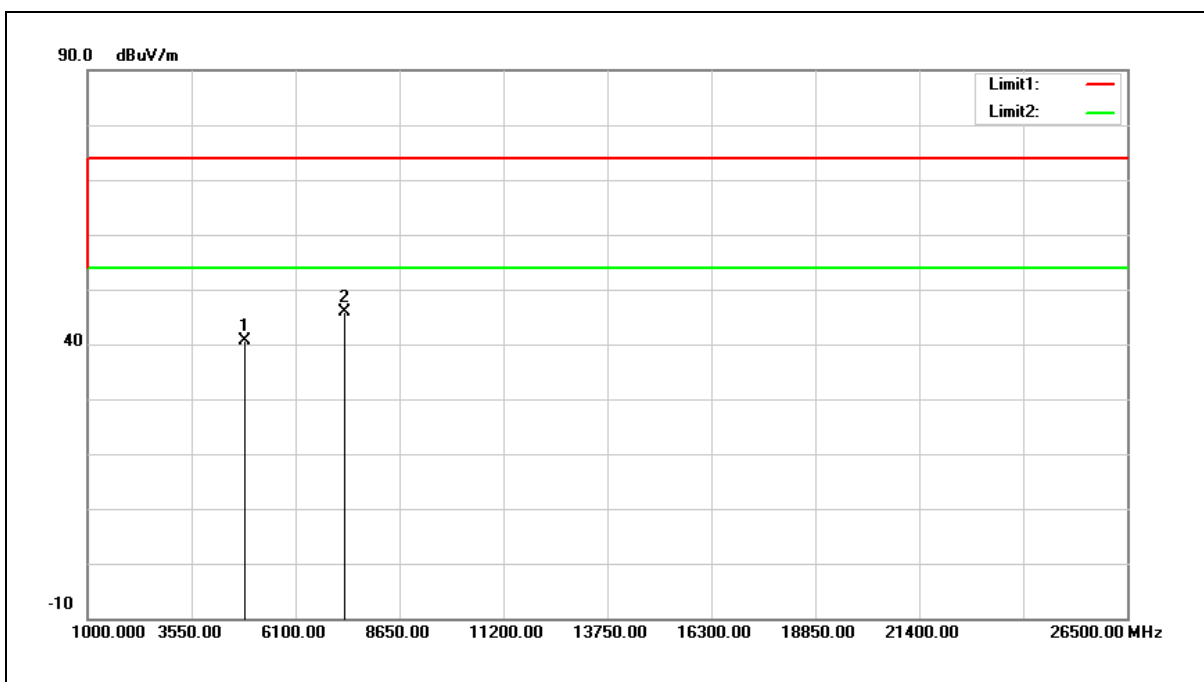
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	33.91	6.12	40.03	74.00	-33.97	peak
2	7311.000	33.28	12.73	46.01	74.00	-27.99	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



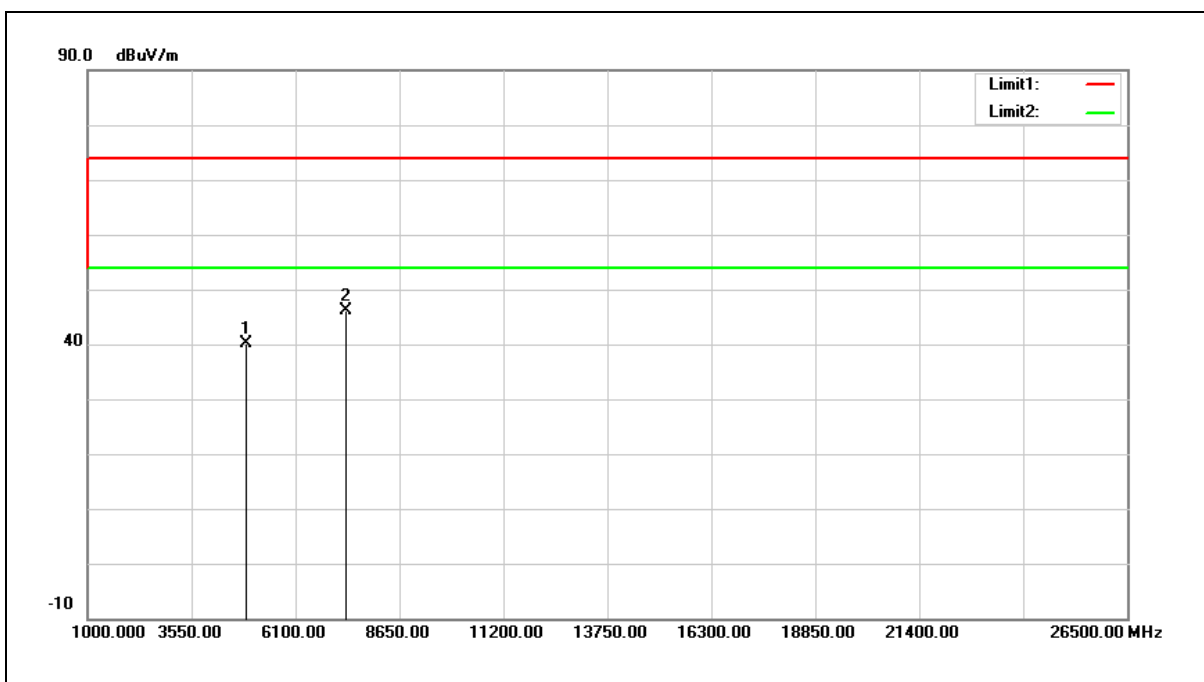
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.43	6.12	40.55	74.00	-33.45	peak
2	7311.000	33.06	12.73	45.79	74.00	-28.21	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



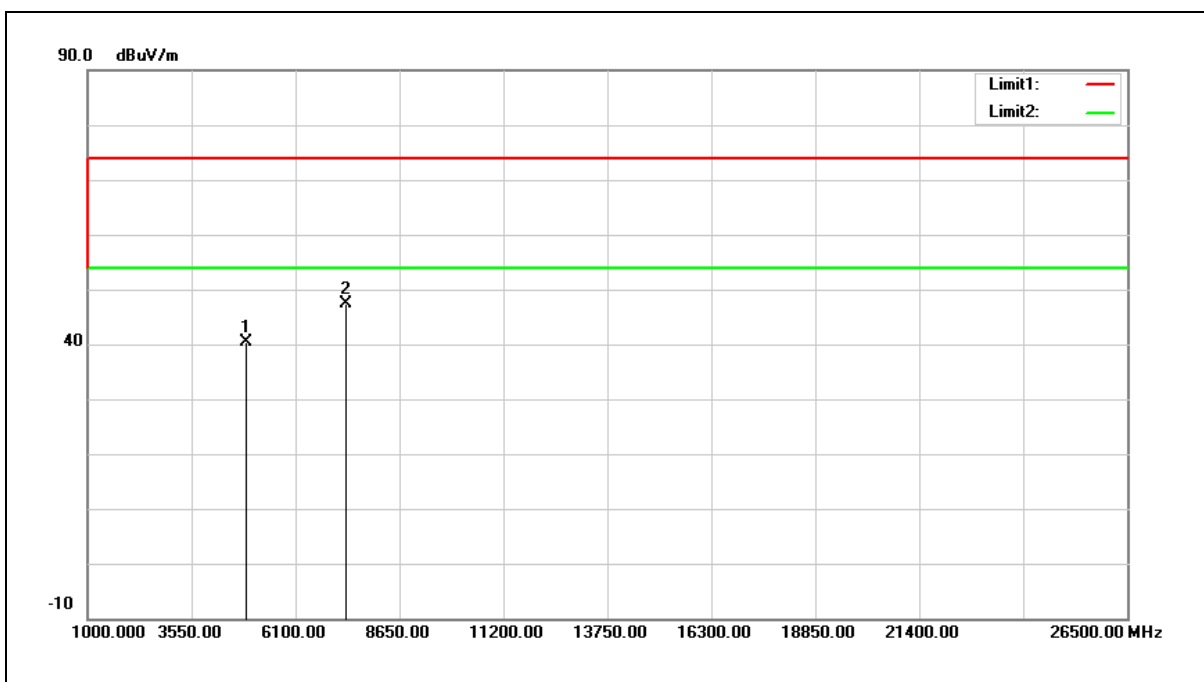
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	33.96	6.21	40.17	74.00	-33.83	peak
2	7356.000	33.12	12.89	46.01	74.00	-27.99	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



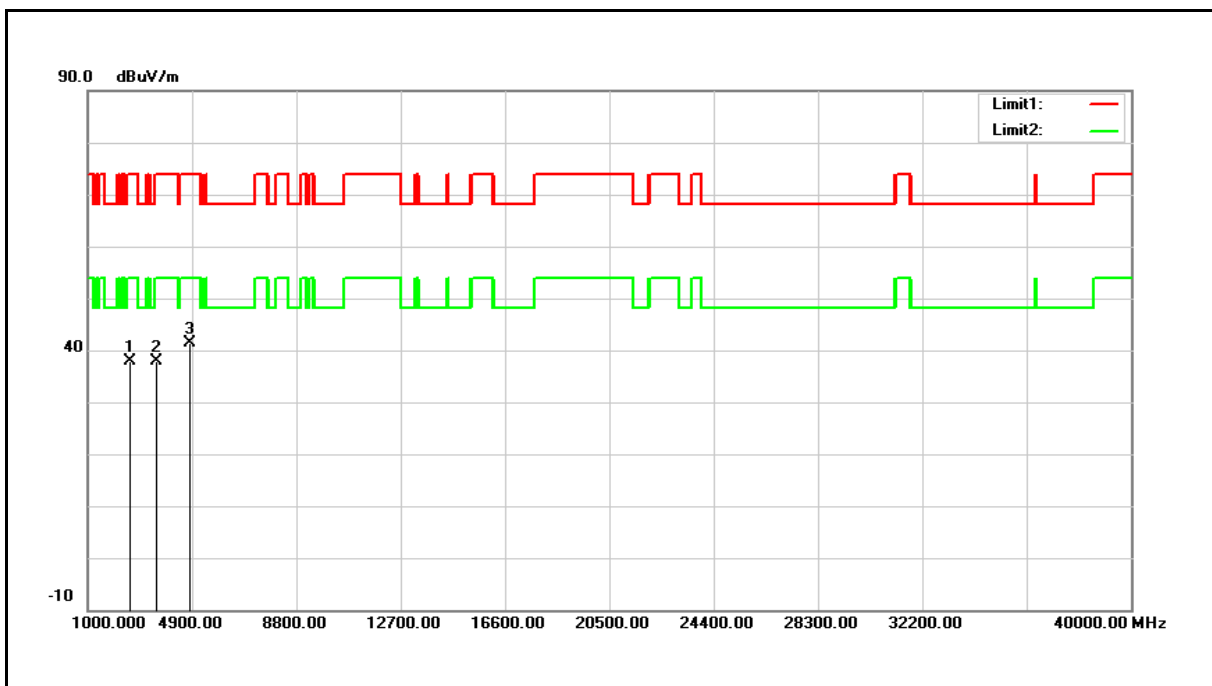
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	34.12	6.21	40.33	74.00	-33.67	peak
2	7356.000	34.45	12.89	47.34	74.00	-26.66	peak

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	Power:	AC 110 V/60 Hz
Mode:	Simultaneous Transmitting (WLAN 2.4 +5 GHz + Bluetooth)	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



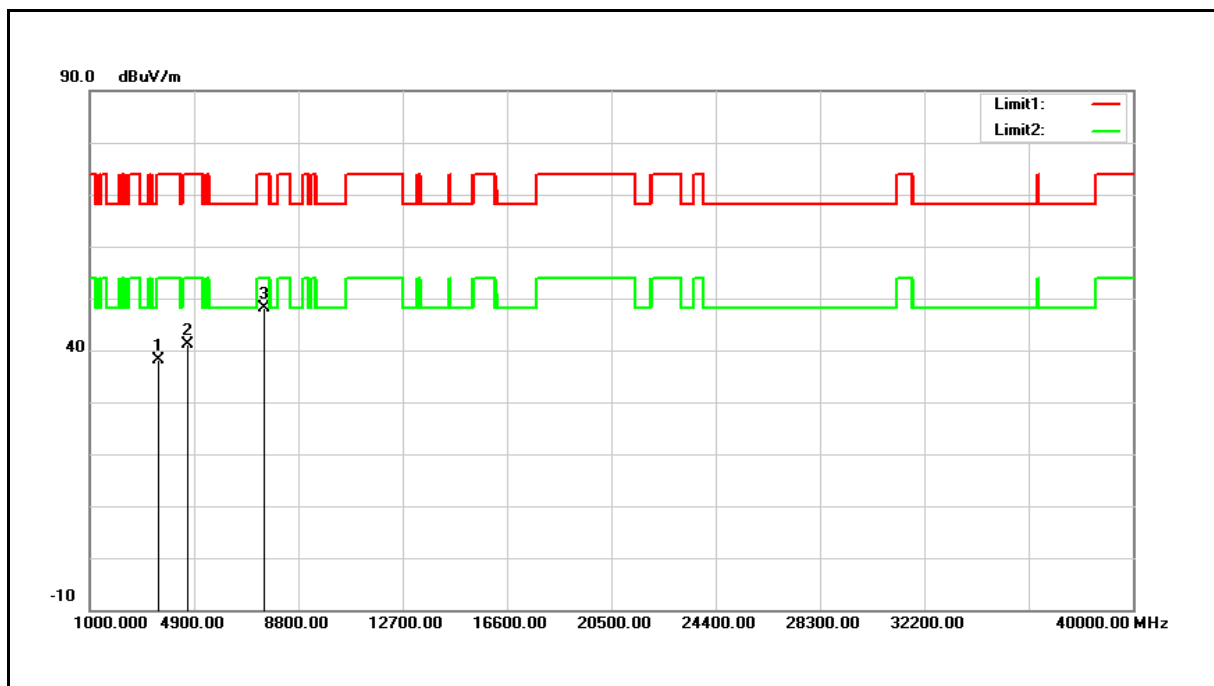
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2581.000	37.93	-0.08	37.85	74.00	-36.15	peak
2	3550.000	35.41	2.42	37.83	74.00	-36.17	peak
3	4842.000	35.48	6.02	41.50	74.00	-32.50	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Mode:	Simultaneous Transmitting (WLAN 2.4 +5 GHz + Bluetooth)	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		



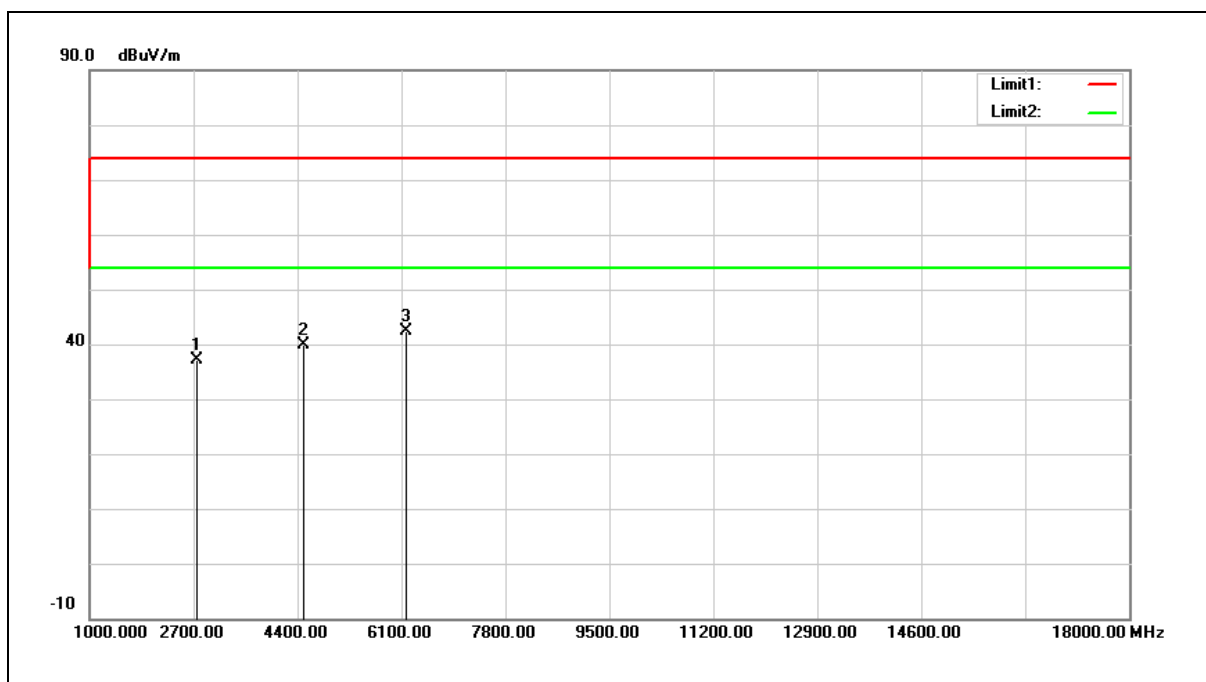
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3567.000	35.57	2.48	38.05	74.00	-35.95	peak
2	4655.000	35.78	5.45	41.23	74.00	-32.77	peak
3	7494.000	34.76	13.36	48.12	74.00	-25.88	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Mode:	Mode 13	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		
Description:			



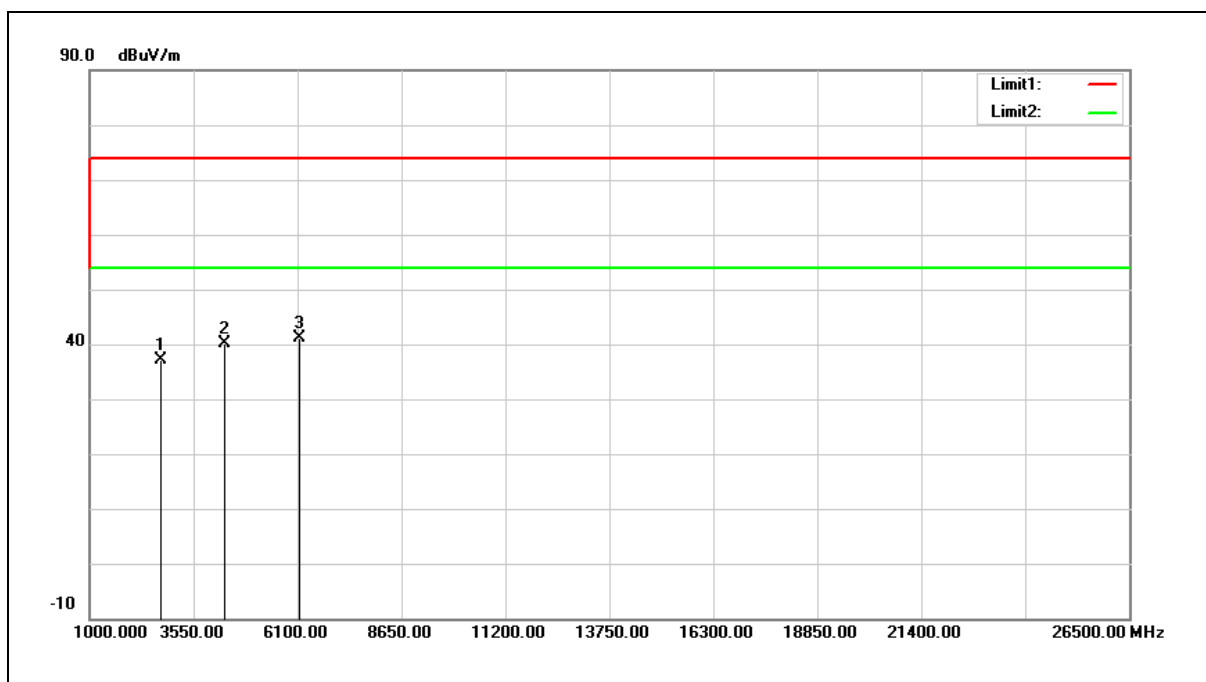
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	36.60	0.42	37.02	74.00	-36.98	peak
2	4502.000	34.81	4.98	39.79	74.00	-34.21	peak
3	6185.000	32.95	9.49	42.44	74.00	-31.56	peak

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	Power:	AC 110 V/60 Hz
Mode:	Mode 13	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	36.80	0.42	37.22	74.00	-36.78	peak
2	4315.000	35.41	4.62	40.03	74.00	-33.97	peak
3	6151.000	31.86	9.38	41.24	74.00	-32.76	peak

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

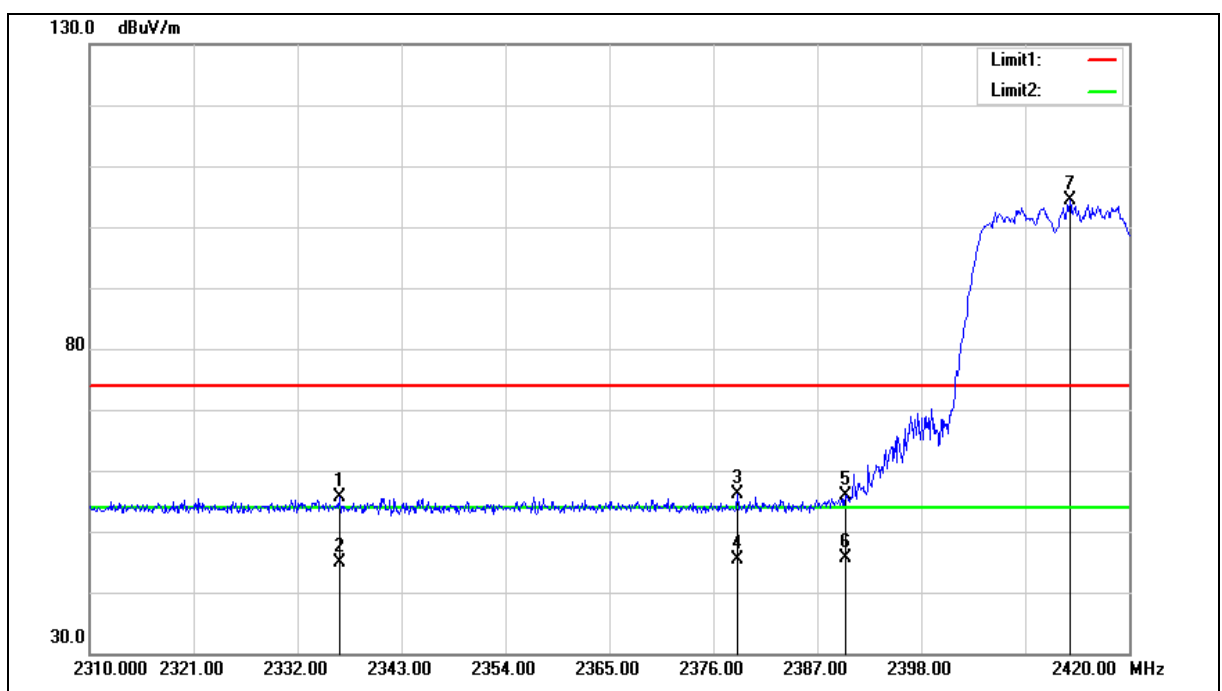
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

頻帶邊緣

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

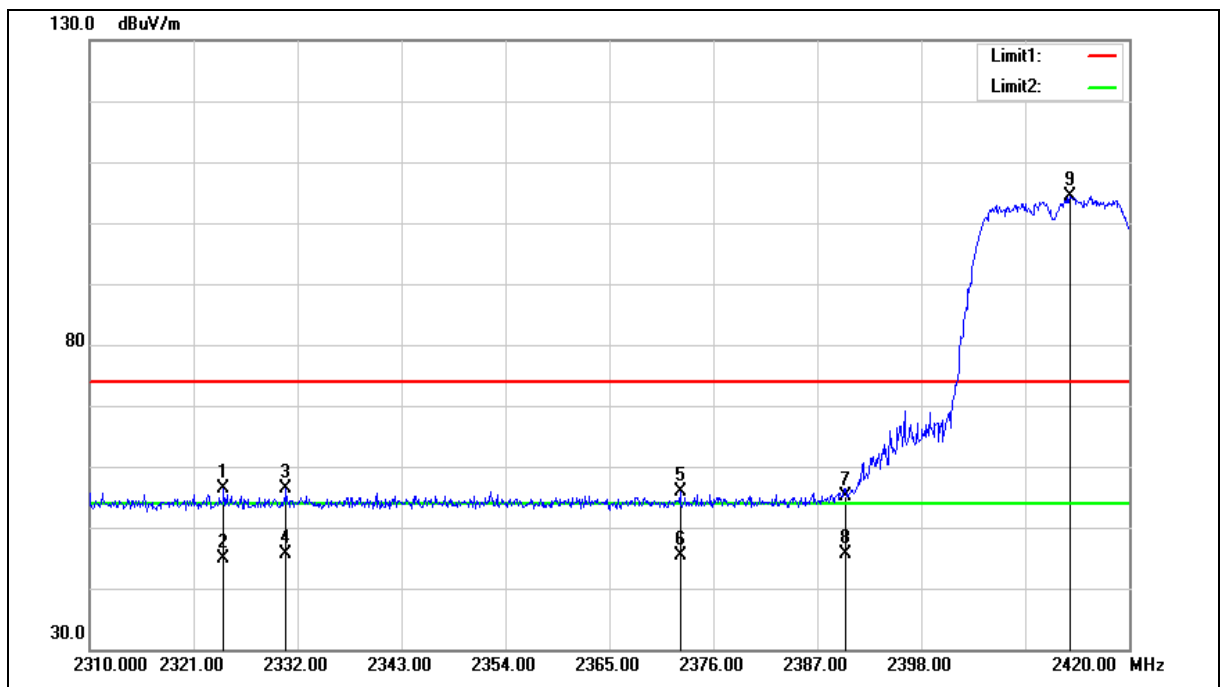
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2336.510	56.71	-1.14	55.57	74.00	-18.43	peak
2	2336.510	46.01	-1.14	44.87	54.00	-9.13	AVG
3	2378.530	57.08	-0.93	56.15	74.00	-17.85	peak
4	2378.530	46.41	-0.93	45.48	54.00	-8.52	AVG
5	2390.000	56.64	-0.87	55.77	74.00	-18.23	peak
6	2390.000	46.61	-0.87	45.74	54.00	-8.26	AVG
7	2413.730	105.18	-0.75	104.43	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

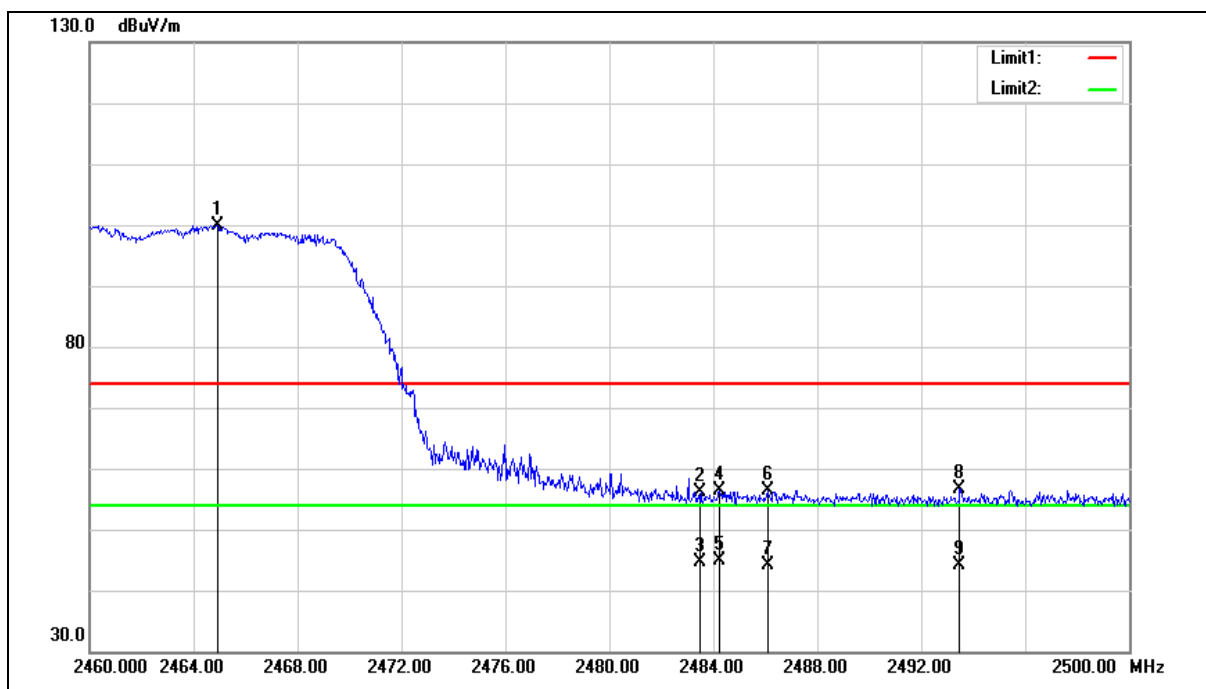
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2324.190	57.67	-1.20	56.47	74.00	-17.53	peak
2	2324.190	46.16	-1.20	44.96	54.00	-9.04	AVG
3	2330.790	57.60	-1.17	56.43	74.00	-17.57	peak
4	2330.790	46.68	-1.17	45.51	54.00	-8.49	AVG
5	2372.480	56.89	-0.96	55.93	74.00	-18.07	peak
6	2372.480	46.31	-0.96	45.35	54.00	-8.65	AVG
7	2390.000	55.90	-0.87	55.03	74.00	-18.97	peak
8	2390.000	46.50	-0.87	45.63	54.00	-8.37	AVG
9	2413.730	105.22	-0.75	104.47	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

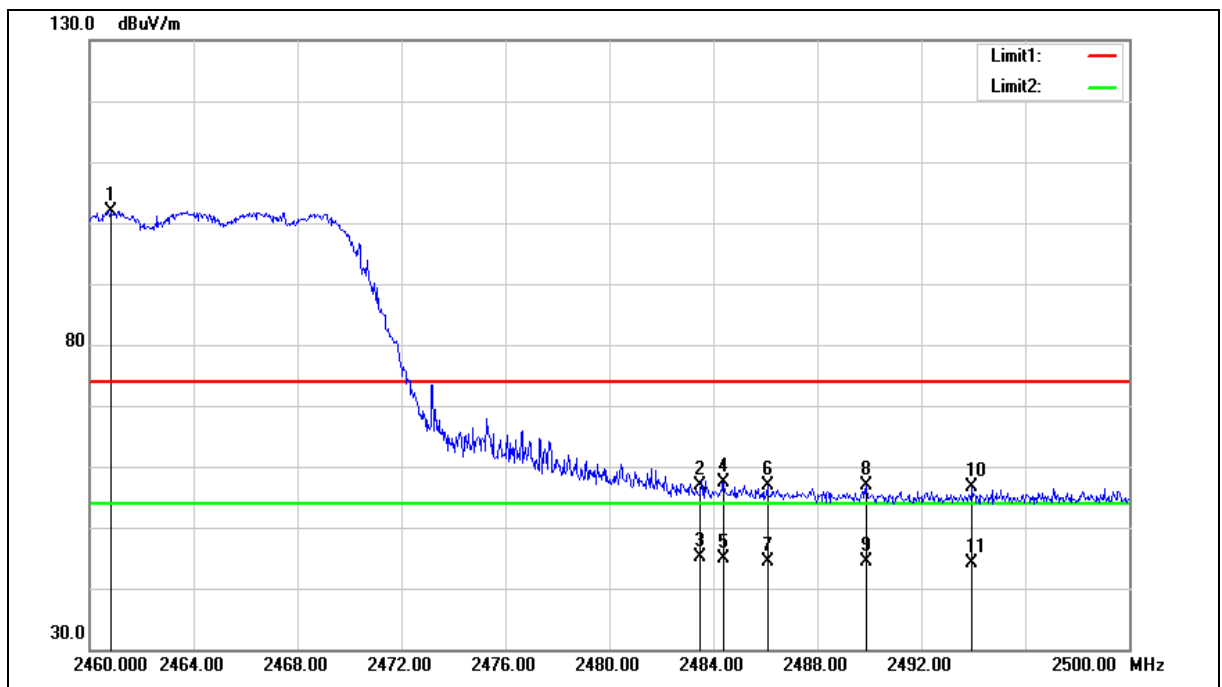
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.920	100.45	-0.49	99.96	--	--	peak
2	2483.500	56.48	-0.40	56.08	74.00	-17.92	peak
3	2483.500	44.99	-0.40	44.59	54.00	-9.41	AVG
4	2484.240	56.68	-0.39	56.29	74.00	-17.71	peak
5	2484.240	45.34	-0.39	44.95	54.00	-9.05	AVG
6	2486.080	56.83	-0.38	56.45	74.00	-17.55	peak
7	2486.080	44.63	-0.38	44.25	54.00	-9.75	AVG
8	2493.480	56.95	-0.34	56.61	74.00	-17.39	peak
9	2493.480	44.42	-0.34	44.08	54.00	-9.92	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

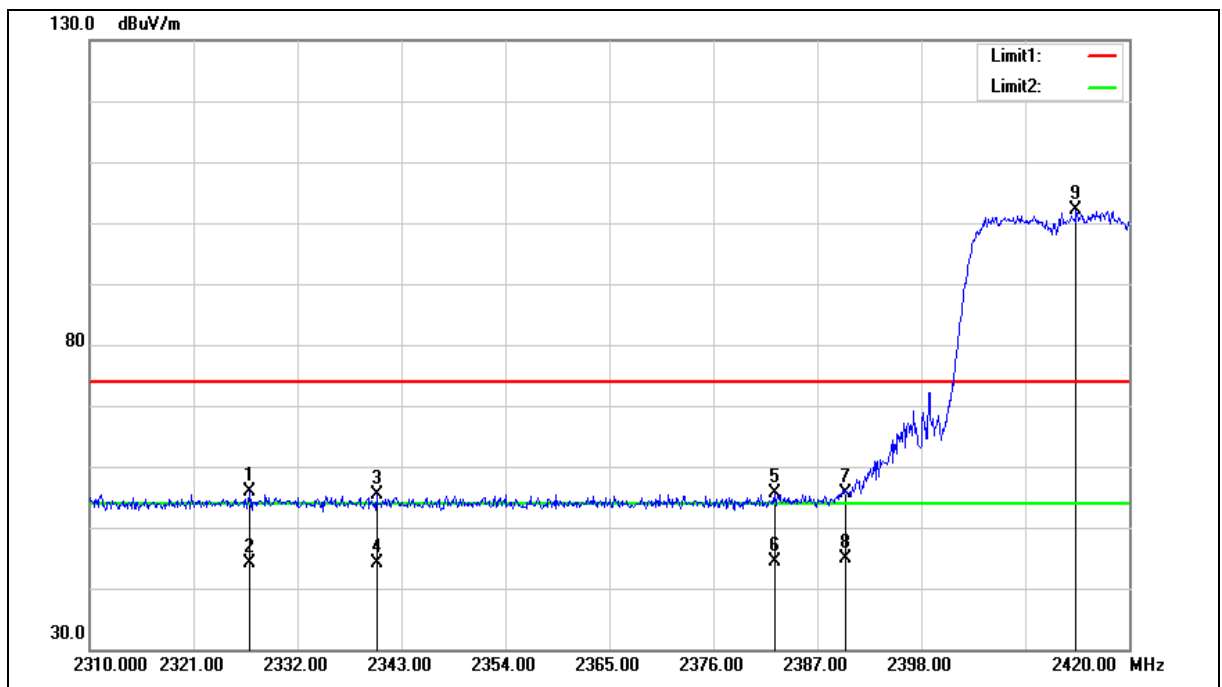
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.840	102.39	-0.51	101.88	--	--	peak
2	2483.500	57.22	-0.40	56.82	74.00	-17.18	peak
3	2483.500	45.41	-0.40	45.01	54.00	-8.99	AVG
4	2484.400	57.84	-0.39	57.45	74.00	-16.55	peak
5	2484.400	45.23	-0.39	44.84	54.00	-9.16	AVG
6	2486.080	57.35	-0.38	56.97	74.00	-17.03	peak
7	2486.080	44.81	-0.38	44.43	54.00	-9.57	AVG
8	2489.880	57.12	-0.36	56.76	74.00	-17.24	peak
9	2489.880	44.71	-0.36	44.35	54.00	-9.65	AVG
10	2493.960	56.85	-0.34	56.51	74.00	-17.49	peak
11	2493.960	44.58	-0.34	44.24	54.00	-9.76	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

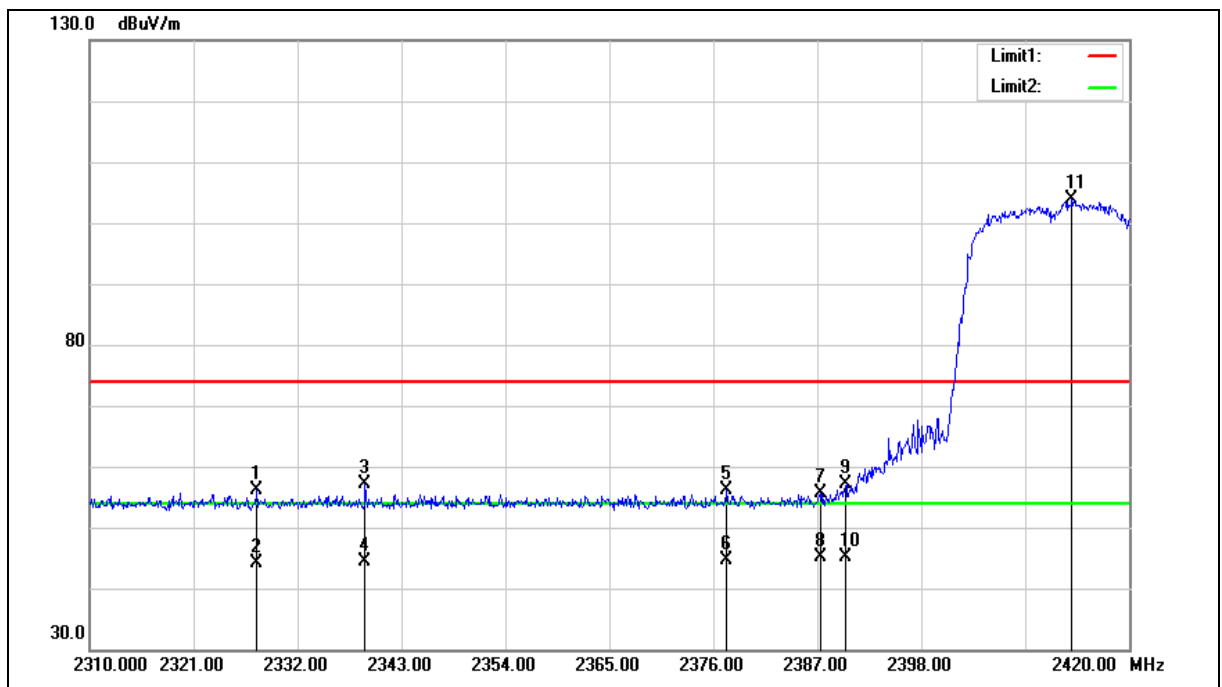
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.940	57.04	-1.19	55.85	74.00	-18.15	peak
2	2326.940	45.32	-1.19	44.13	54.00	-9.87	AVG
3	2340.360	56.60	-1.11	55.49	74.00	-18.51	peak
4	2340.360	45.28	-1.11	44.17	54.00	-9.83	AVG
5	2382.490	56.43	-0.91	55.52	74.00	-18.48	peak
6	2382.490	45.27	-0.91	44.36	54.00	-9.64	AVG
7	2390.000	56.61	-0.87	55.74	74.00	-18.26	peak
8	2390.000	45.69	-0.87	44.82	54.00	-9.18	AVG
9	2414.390	102.96	-0.75	102.21	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

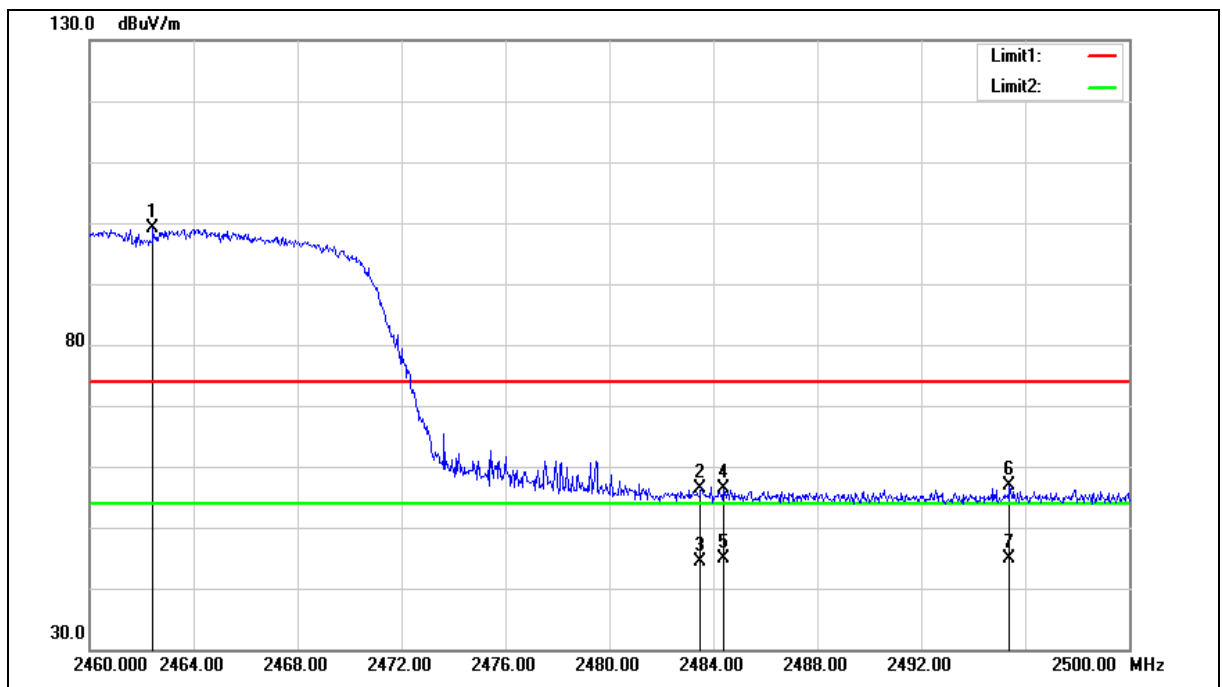
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2327.710	57.28	-1.19	56.09	74.00	-17.91	peak
2	2327.710	45.36	-1.19	44.17	54.00	-9.83	AVG
3	2339.150	58.24	-1.13	57.11	74.00	-16.89	peak
4	2339.150	45.51	-1.13	44.38	54.00	-9.62	AVG
5	2377.430	56.98	-0.94	56.04	74.00	-17.96	peak
6	2377.430	45.48	-0.94	44.54	54.00	-9.46	AVG
7	2387.330	56.62	-0.88	55.74	74.00	-18.26	peak
8	2387.330	45.94	-0.88	45.06	54.00	-8.94	AVG
9	2390.000	58.04	-0.87	57.17	74.00	-16.83	peak
10	2390.000	46.07	-0.87	45.20	54.00	-8.80	AVG
11	2413.950	104.66	-0.75	103.91	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

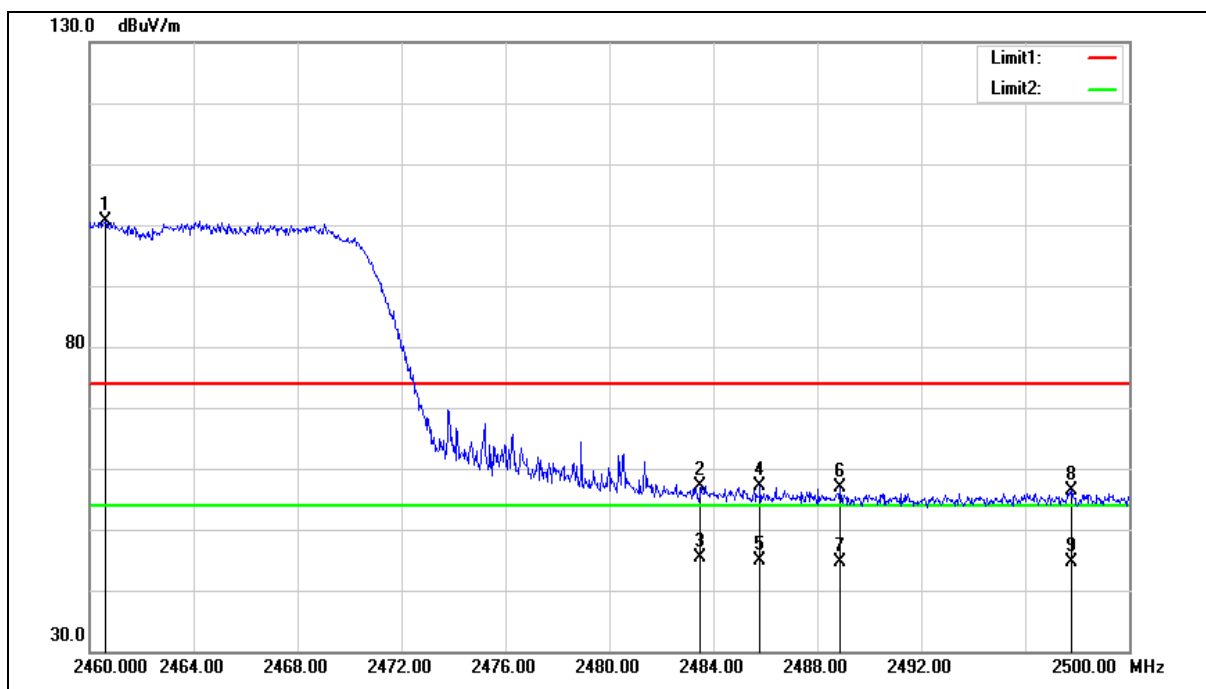
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.440	99.52	-0.50	99.02	--	--	peak
2	2483.500	56.79	-0.40	56.39	74.00	-17.61	peak
3	2483.500	44.72	-0.40	44.32	54.00	-9.68	AVG
4	2484.400	56.75	-0.39	56.36	74.00	-17.64	peak
5	2484.400	45.24	-0.39	44.85	54.00	-9.15	AVG
6	2495.400	57.21	-0.34	56.87	74.00	-17.13	peak
7	2495.400	45.17	-0.34	44.83	54.00	-9.17	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

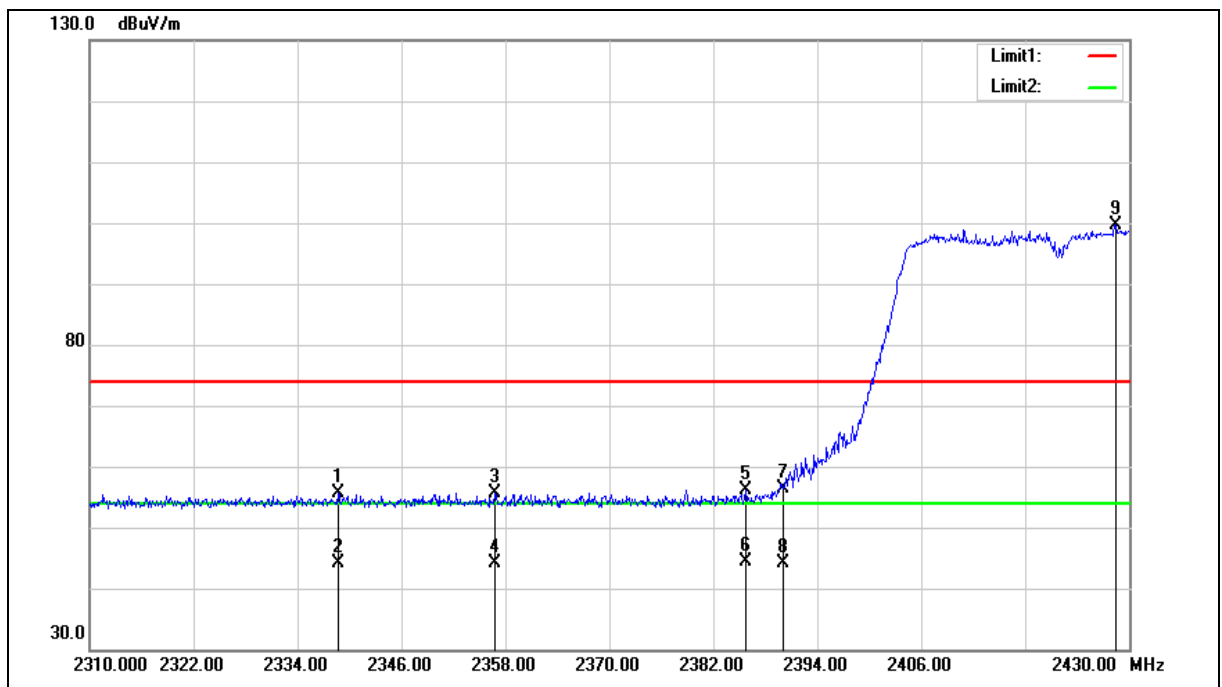
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.600	101.25	-0.51	100.74	--	--	peak
2	2483.500	57.53	-0.40	57.13	74.00	-16.87	peak
3	2483.500	45.87	-0.40	45.47	54.00	-8.53	AVG
4	2485.800	57.39	-0.38	57.01	74.00	-16.99	peak
5	2485.800	45.20	-0.38	44.82	54.00	-9.18	AVG
6	2488.880	57.23	-0.37	56.86	74.00	-17.14	peak
7	2488.880	45.10	-0.37	44.73	54.00	-9.27	AVG
8	2497.800	56.71	-0.32	56.39	74.00	-17.61	peak
9	2497.800	44.91	-0.32	44.59	54.00	-9.41	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

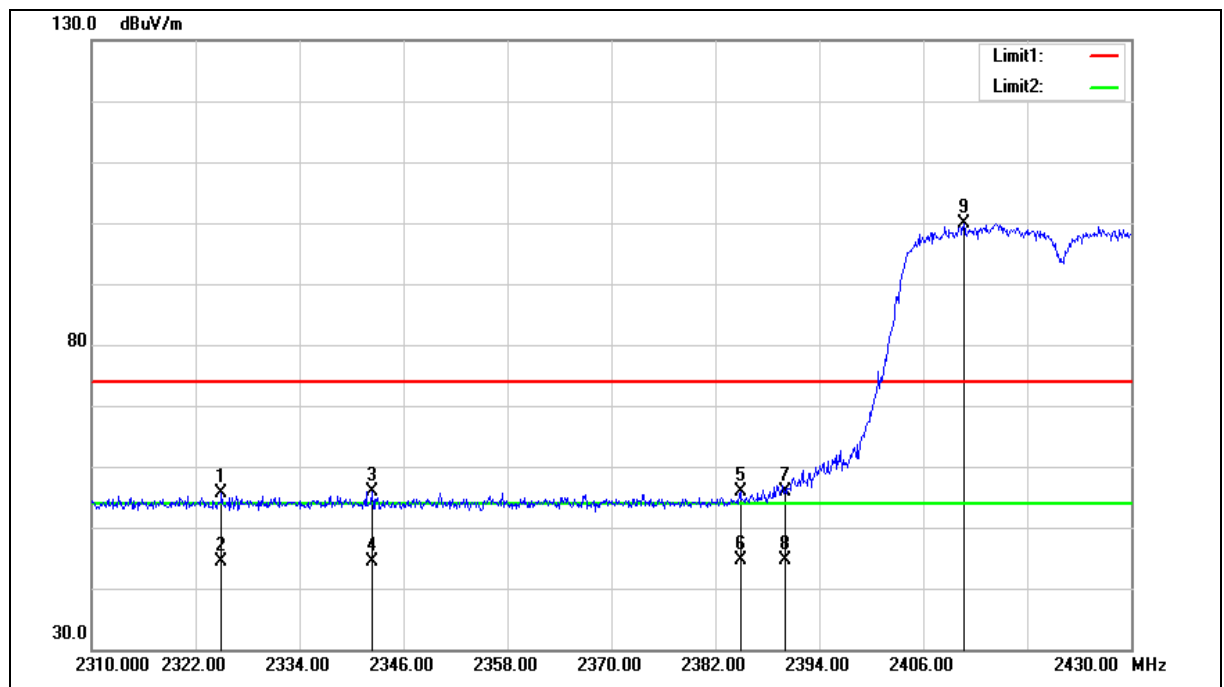
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2338.680	56.79	-1.13	55.66	74.00	-18.34	peak
2	2338.680	45.20	-1.13	44.07	54.00	-9.93	AVG
3	2356.800	56.60	-1.04	55.56	74.00	-18.44	peak
4	2356.800	45.19	-1.04	44.15	54.00	-9.85	AVG
5	2385.720	57.00	-0.90	56.10	74.00	-17.90	peak
6	2385.720	45.19	-0.90	44.29	54.00	-9.71	AVG
7	2390.000	57.32	-0.87	56.45	74.00	-17.55	peak
8	2390.000	45.09	-0.87	44.22	54.00	-9.78	AVG
9	2428.440	100.34	-0.67	99.67	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

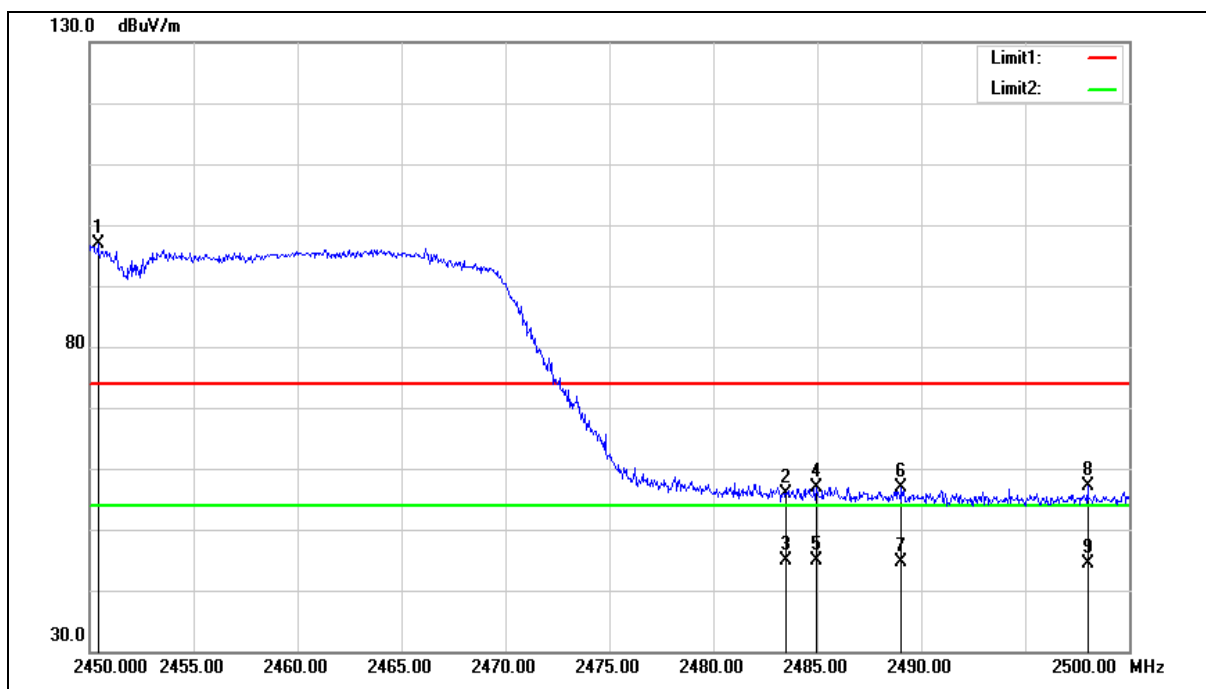
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2325.000	56.82	-1.20	55.62	74.00	-18.38	peak
2	2325.000	45.51	-1.20	44.31	54.00	-9.69	AVG
3	2342.400	56.94	-1.11	55.83	74.00	-18.17	peak
4	2342.400	45.54	-1.11	44.43	54.00	-9.57	AVG
5	2384.880	56.86	-0.90	55.96	74.00	-18.04	peak
6	2384.880	45.54	-0.90	44.64	54.00	-9.36	AVG
7	2390.000	56.72	-0.87	55.85	74.00	-18.15	peak
8	2390.000	45.58	-0.87	44.71	54.00	-9.29	AVG
9	2410.680	100.71	-0.76	99.95	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

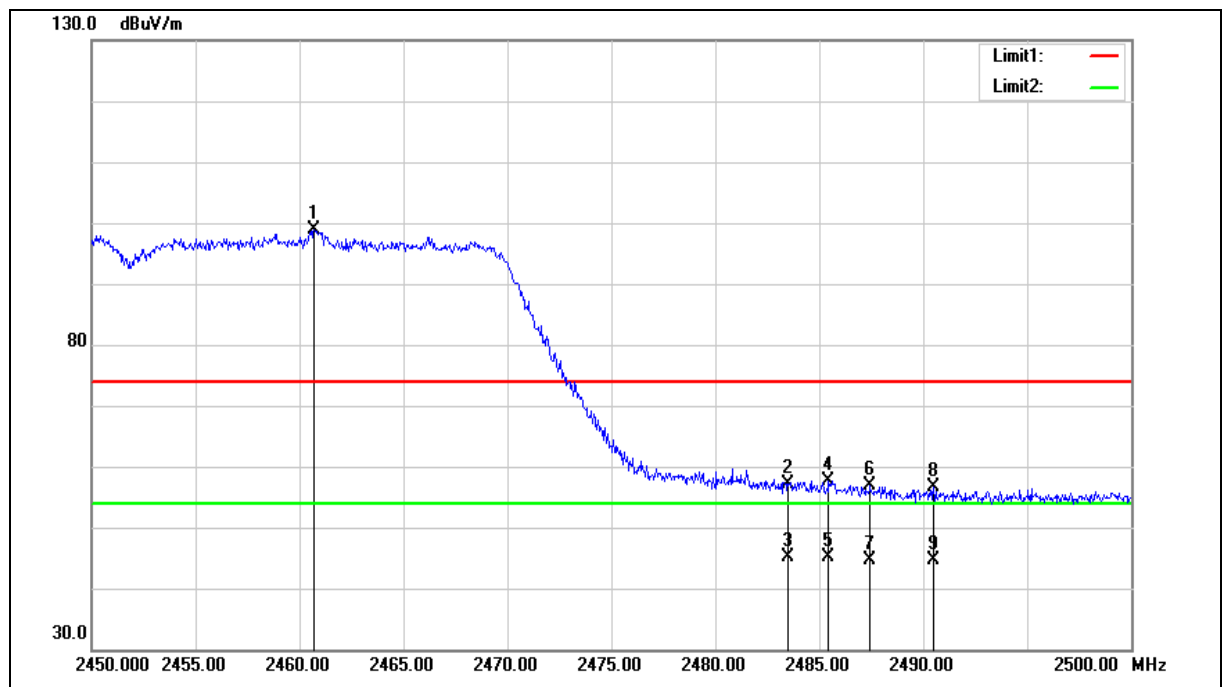
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2450.400	97.46	-0.57	96.89	--	--	peak
2	2483.500	56.19	-0.40	55.79	74.00	-18.21	peak
3	2483.500	45.27	-0.40	44.87	54.00	-9.13	AVG
4	2484.950	57.38	-0.39	56.99	74.00	-17.01	peak
5	2484.950	45.32	-0.39	44.93	54.00	-9.07	AVG
6	2489.050	57.35	-0.37	56.98	74.00	-17.02	peak
7	2489.050	45.09	-0.37	44.72	54.00	-9.28	AVG
8	2498.000	57.53	-0.32	57.21	74.00	-16.79	peak
9	2498.000	44.82	-0.32	44.50	54.00	-9.50	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.700	99.34	-0.51	98.83	--	--	peak
2	2483.500	57.49	-0.40	57.09	74.00	-16.91	peak
3	2483.500	45.43	-0.40	45.03	54.00	-8.97	AVG
4	2485.450	58.09	-0.39	57.70	74.00	-16.30	peak
5	2485.450	45.49	-0.39	45.10	54.00	-8.90	AVG
6	2487.450	57.35	-0.37	56.98	74.00	-17.02	peak
7	2487.450	45.08	-0.37	44.71	54.00	-9.29	AVG
8	2490.500	57.11	-0.36	56.75	74.00	-17.25	peak
9	2490.500	44.95	-0.36	44.59	54.00	-9.41	AVG

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

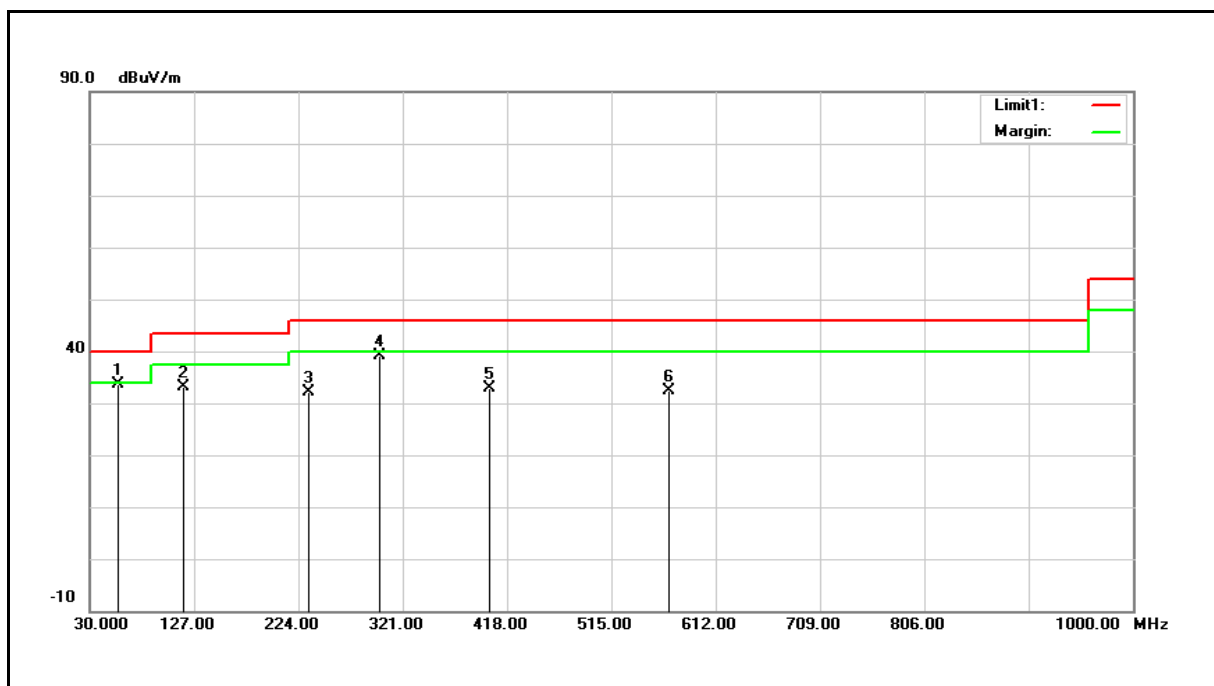
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Core0 + Core1 TAS

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission	Power:	AC 110 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	56.1900	39.81	-6.26	33.55	40.00	-6.45	QP
2	117.3000	41.90	-8.66	33.24	43.50	-10.26	QP
3	233.7000	38.81	-6.68	32.13	46.00	-13.87	QP
4	299.6600	43.34	-4.21	39.13	46.00	-6.87	QP
5	401.5100	34.92	-2.05	32.87	46.00	-13.13	QP
6	568.3500	30.92	1.57	32.49	46.00	-13.51	QP

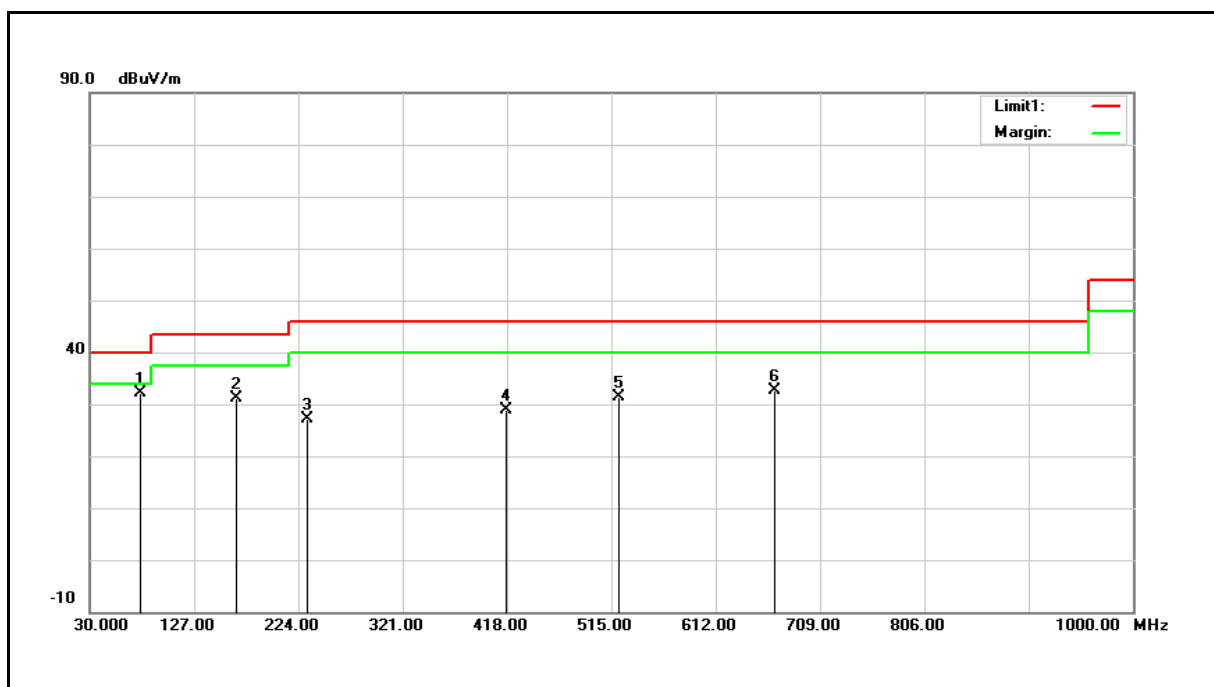
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 33.55 = -6.26 + 39.81

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission	Power:	AC 110 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	76.5600	42.25	-10.12	32.13	40.00	-7.87	QP
2	166.7700	36.88	-5.69	31.19	43.50	-12.31	QP
3	232.7300	33.90	-6.76	27.14	46.00	-18.86	QP
4	417.0300	30.45	-1.61	28.84	46.00	-17.16	QP
5	521.7900	31.02	0.37	31.39	46.00	-14.61	QP
6	667.2900	29.48	3.26	32.74	46.00	-13.26	QP

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

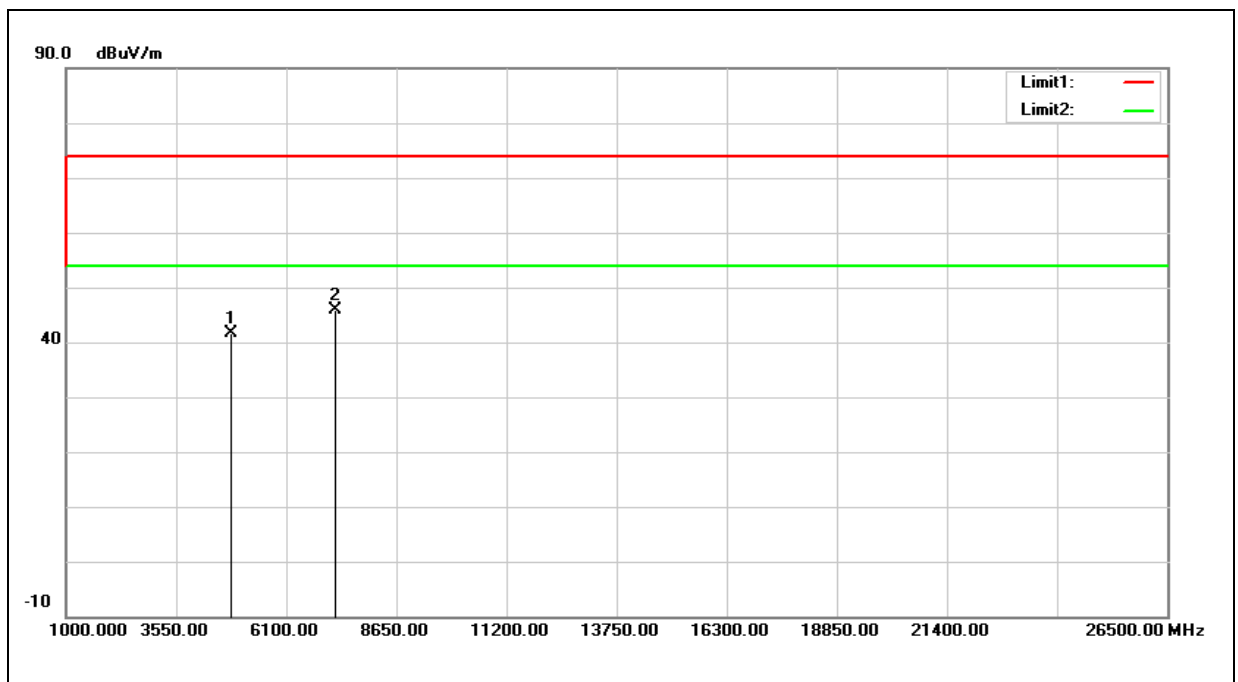
Example: 32.13 = -10.12 + 42.25

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.

場強輻射量側 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



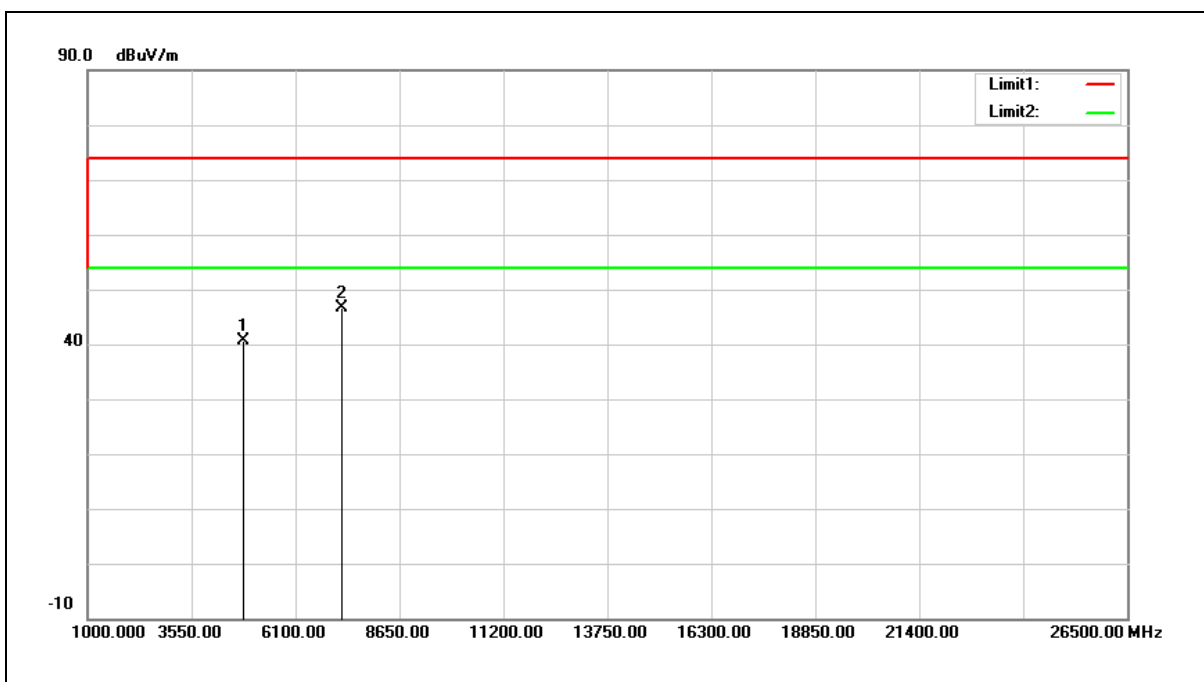
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.64	5.97	41.61	74.00	-32.39	peak
2	7236.000	33.40	12.48	45.88	74.00	-28.12	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



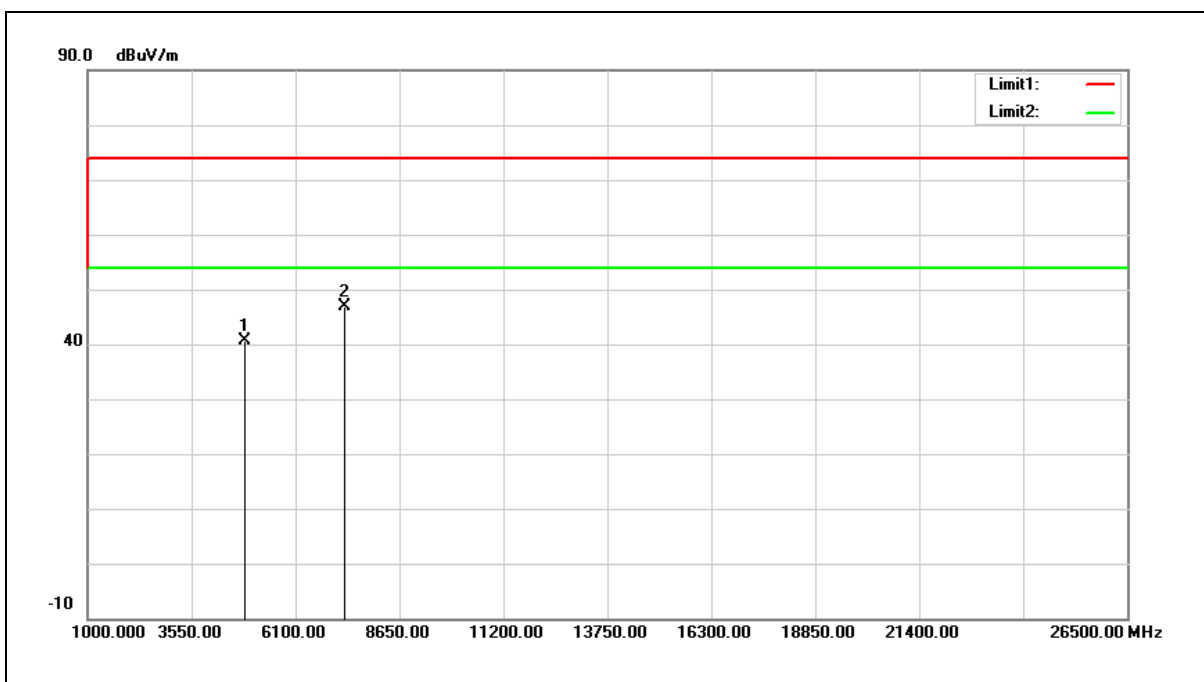
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.71	5.97	40.68	74.00	-33.32	peak
2	7236.000	34.15	12.48	46.63	74.00	-27.37	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



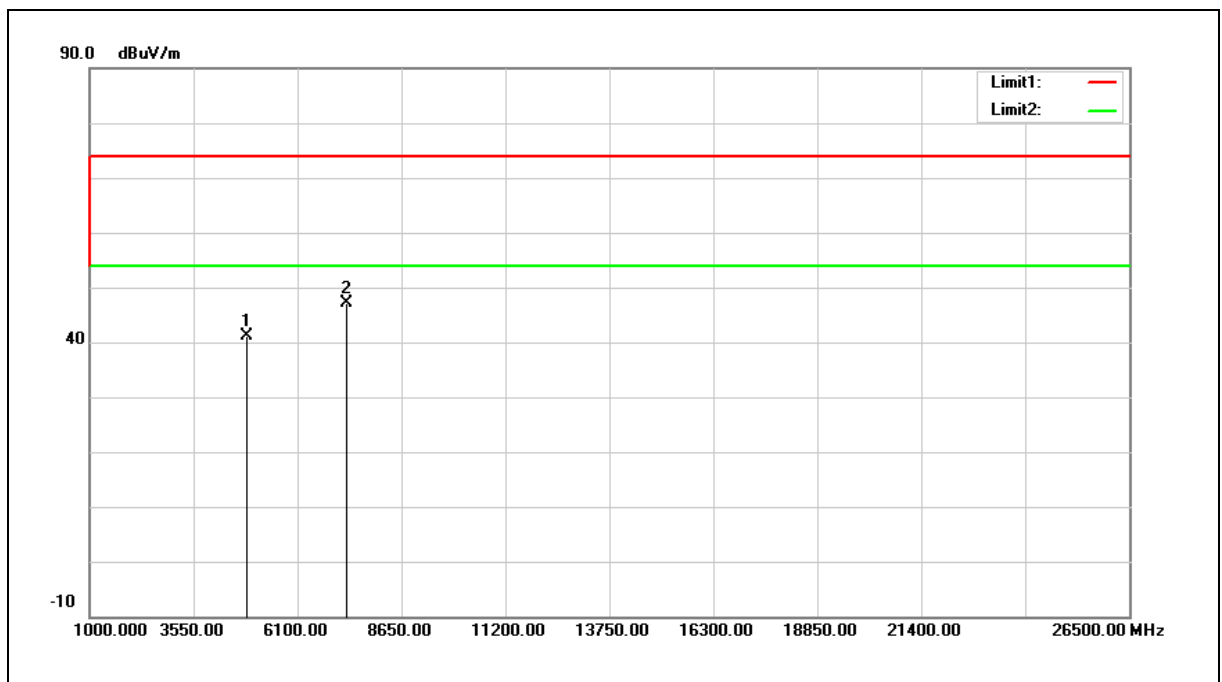
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.59	6.12	40.71	74.00	-33.29	peak
2	7311.000	34.04	12.73	46.77	74.00	-27.23	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



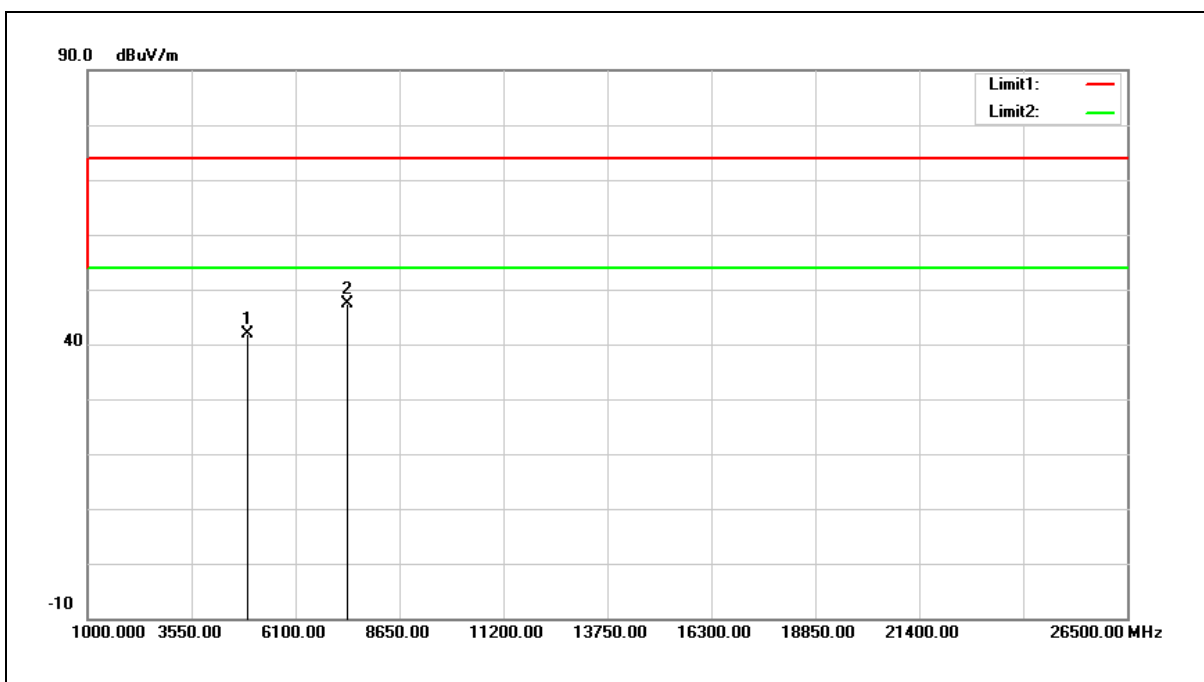
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	35.06	6.12	41.18	74.00	-32.82	peak
2	7311.000	34.33	12.73	47.06	74.00	-26.94	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



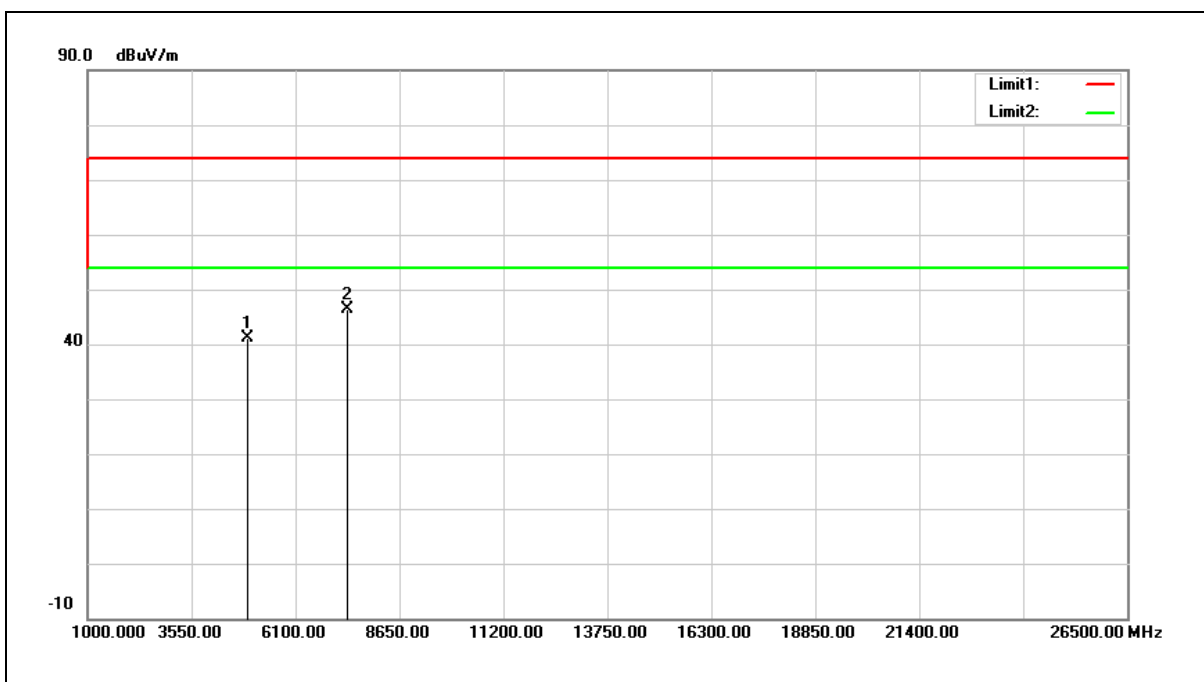
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.49	6.28	41.77	74.00	-32.23	peak
2	7386.000	34.47	12.99	47.46	74.00	-26.54	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



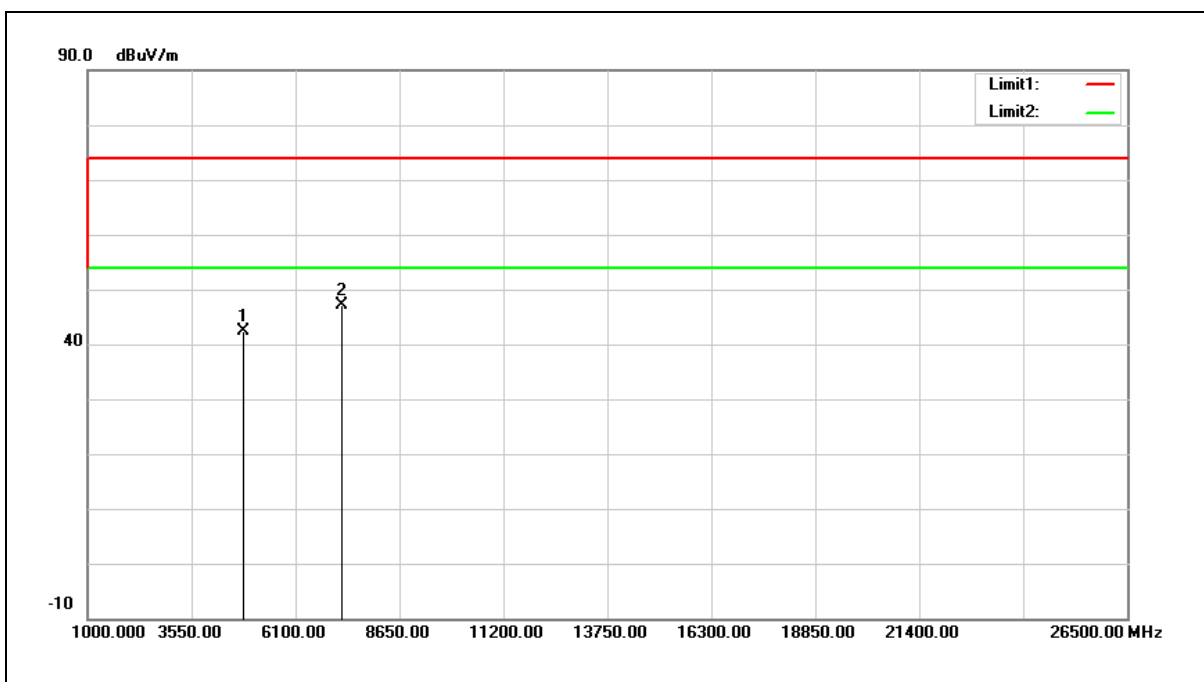
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.74	6.28	41.02	74.00	-32.98	peak
2	7386.000	33.32	12.99	46.31	74.00	-27.69	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



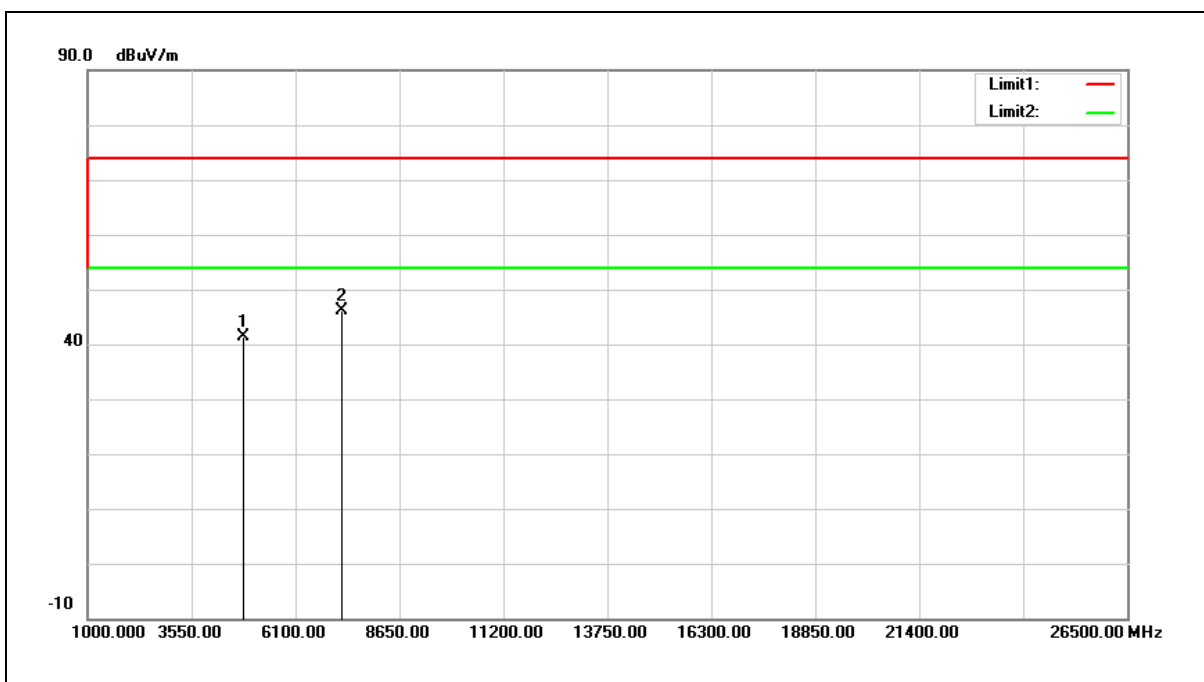
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	36.40	5.97	42.37	74.00	-31.63	peak
2	7236.000	34.75	12.48	47.23	74.00	-26.77	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



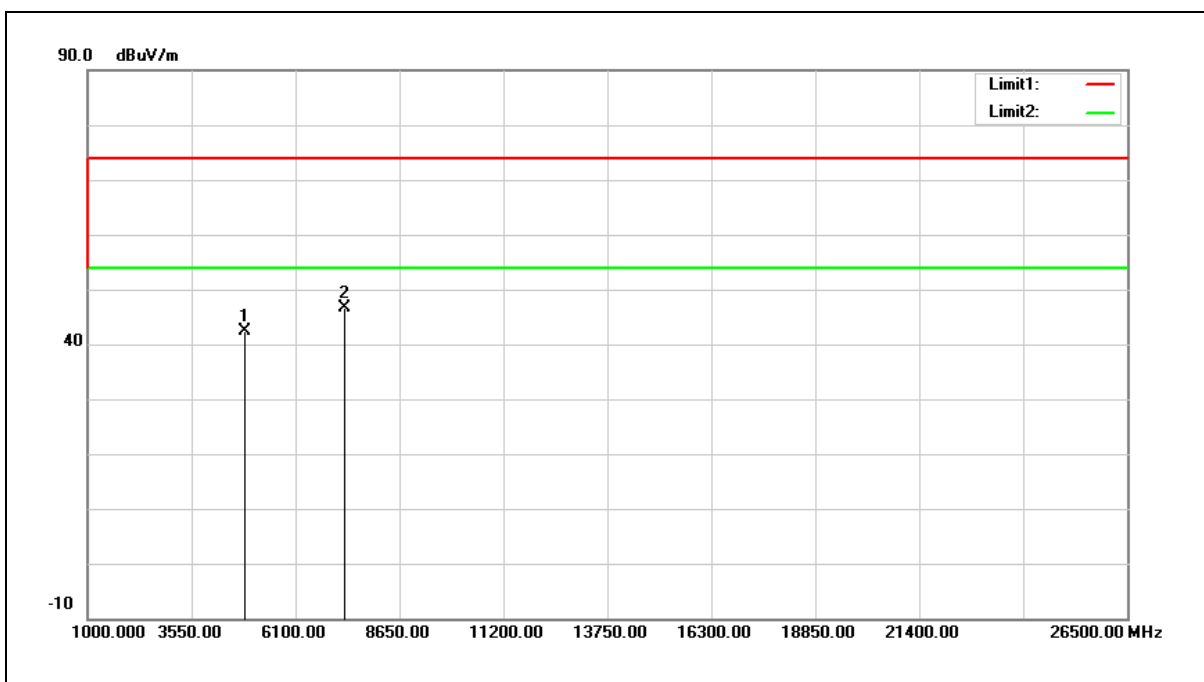
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.41	5.97	41.38	74.00	-32.62	peak
2	7236.000	33.67	12.48	46.15	74.00	-27.85	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



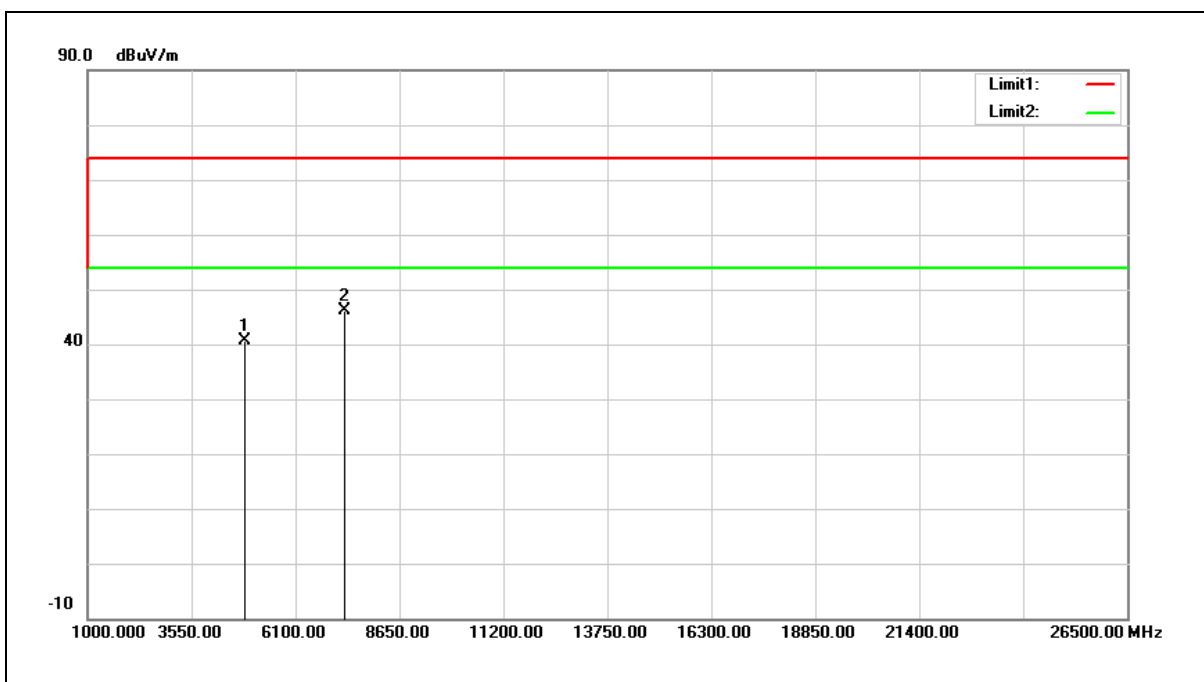
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	36.18	6.12	42.30	74.00	-31.70	peak
2	7311.000	33.83	12.73	46.56	74.00	-27.44	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



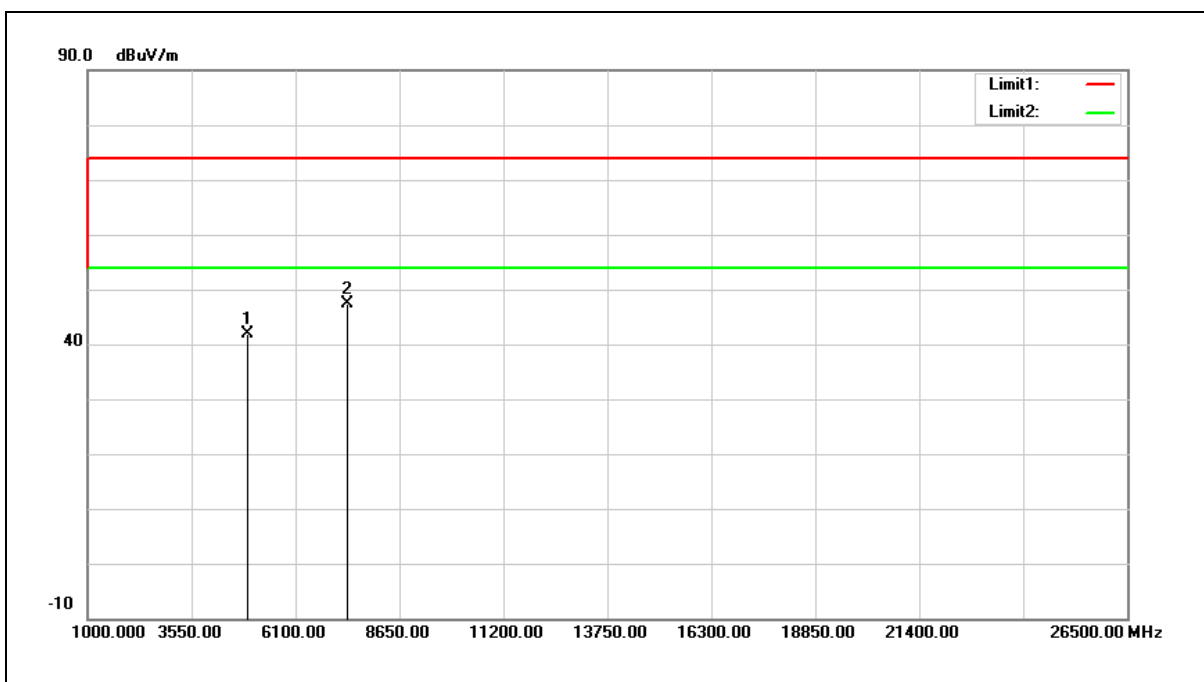
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.40	6.12	40.52	74.00	-33.48	peak
2	7311.000	33.49	12.73	46.22	74.00	-27.78	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



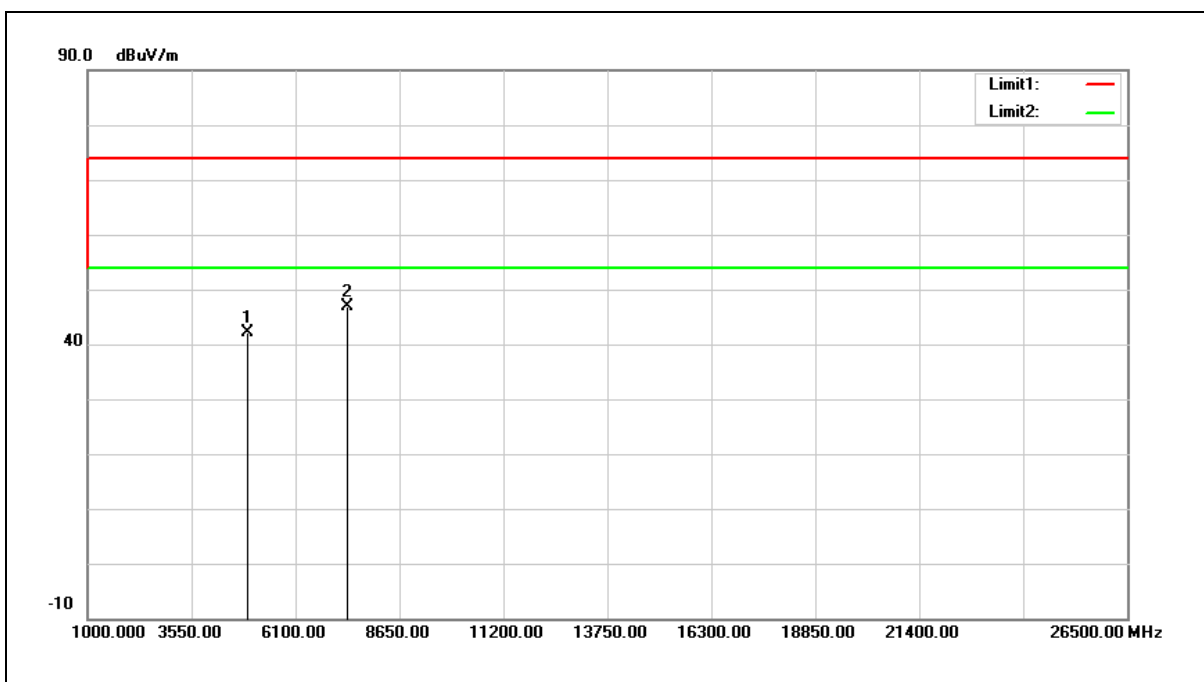
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.59	6.28	41.87	74.00	-32.13	peak
2	7386.000	34.29	12.99	47.28	74.00	-26.72	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



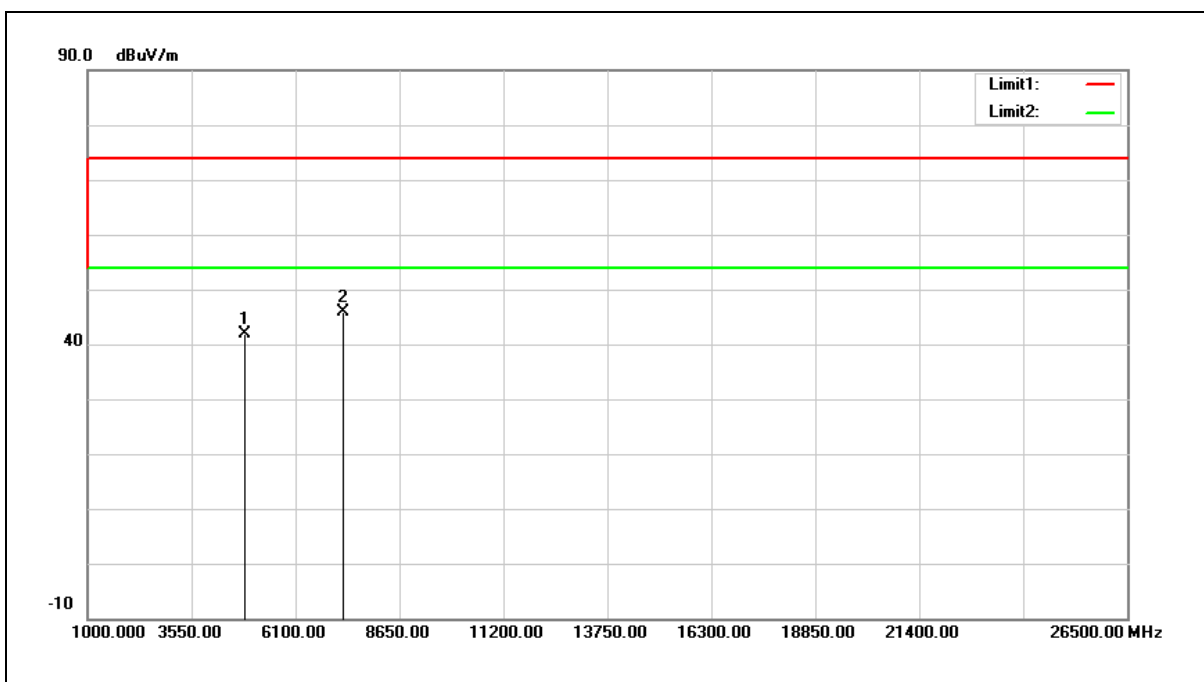
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.78	6.28	42.06	74.00	-31.94	peak
2	7386.000	33.88	12.99	46.87	74.00	-27.13	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



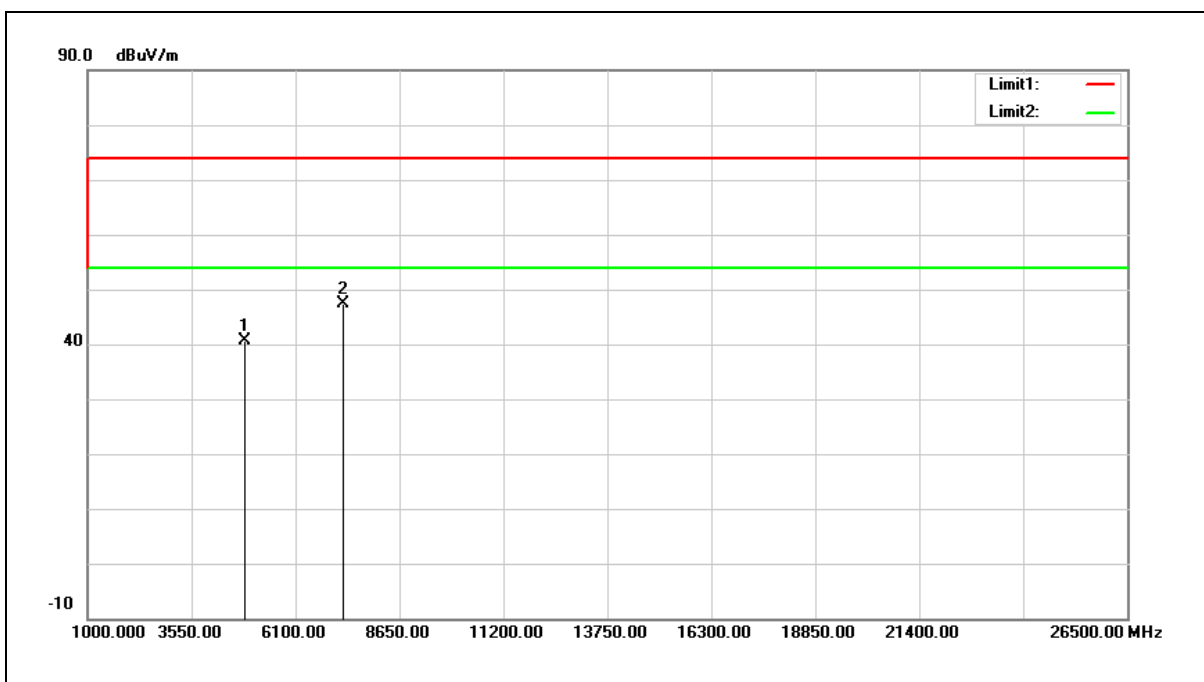
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	35.91	6.04	41.95	74.00	-32.05	peak
2	7266.000	33.36	12.59	45.95	74.00	-28.05	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



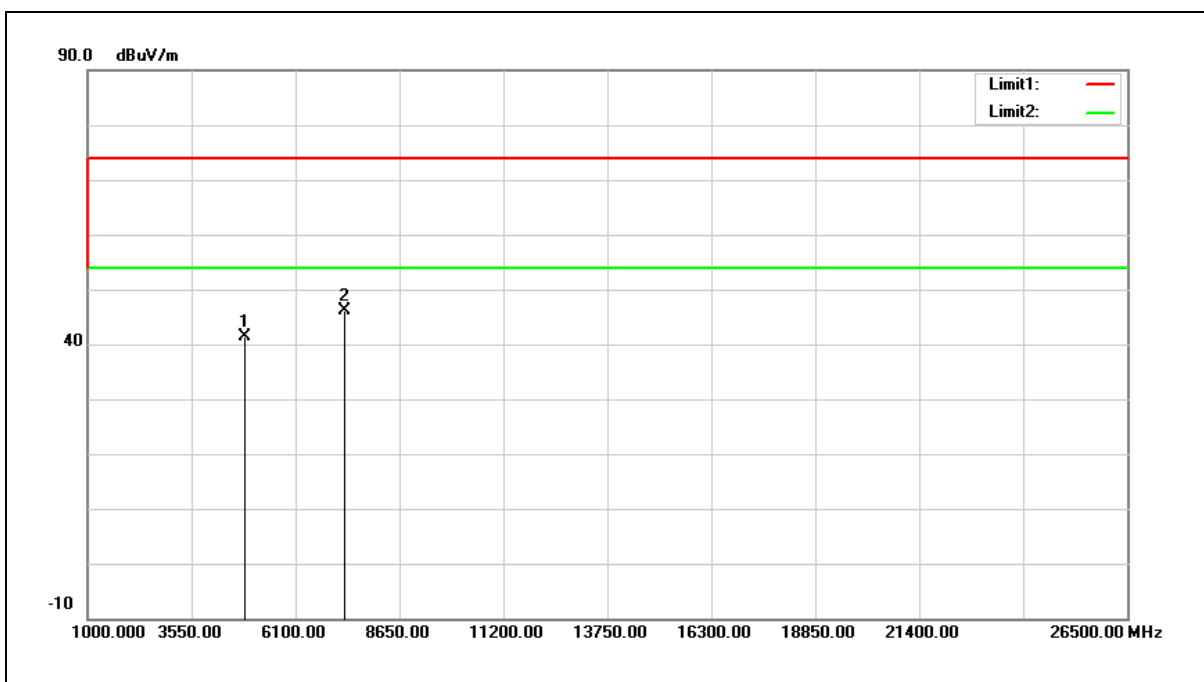
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	34.66	6.04	40.70	74.00	-33.30	peak
2	7266.000	34.72	12.59	47.31	74.00	-26.69	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



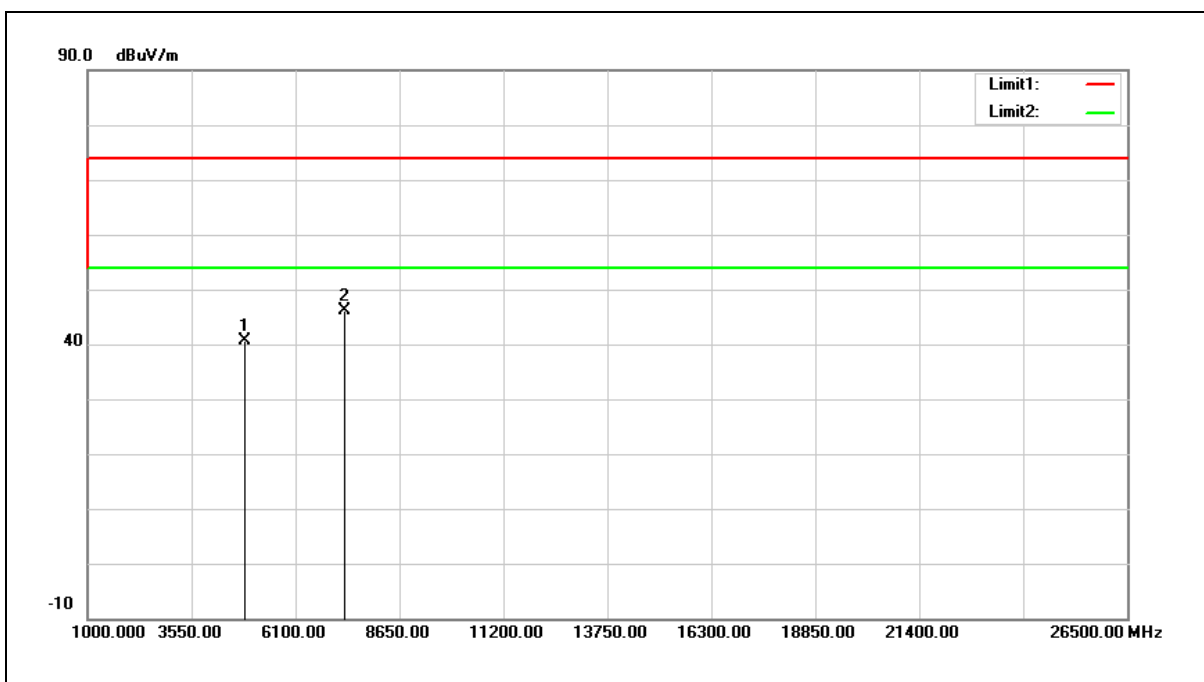
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	35.35	6.12	41.47	74.00	-32.53	peak
2	7311.000	33.38	12.73	46.11	74.00	-27.89	peak

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	Power:	AC 110 V/60 Hz
Frequency:	2437 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



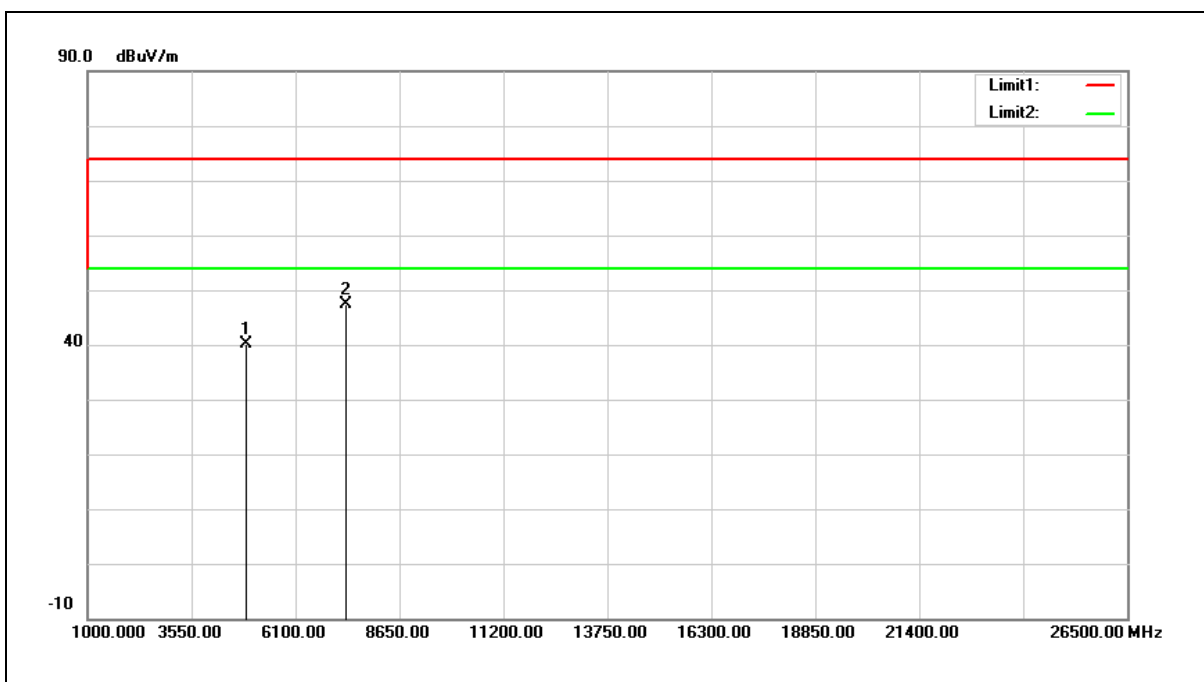
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	34.53	6.12	40.65	74.00	-33.35	peak
2	7311.000	33.36	12.73	46.09	74.00	-27.91	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



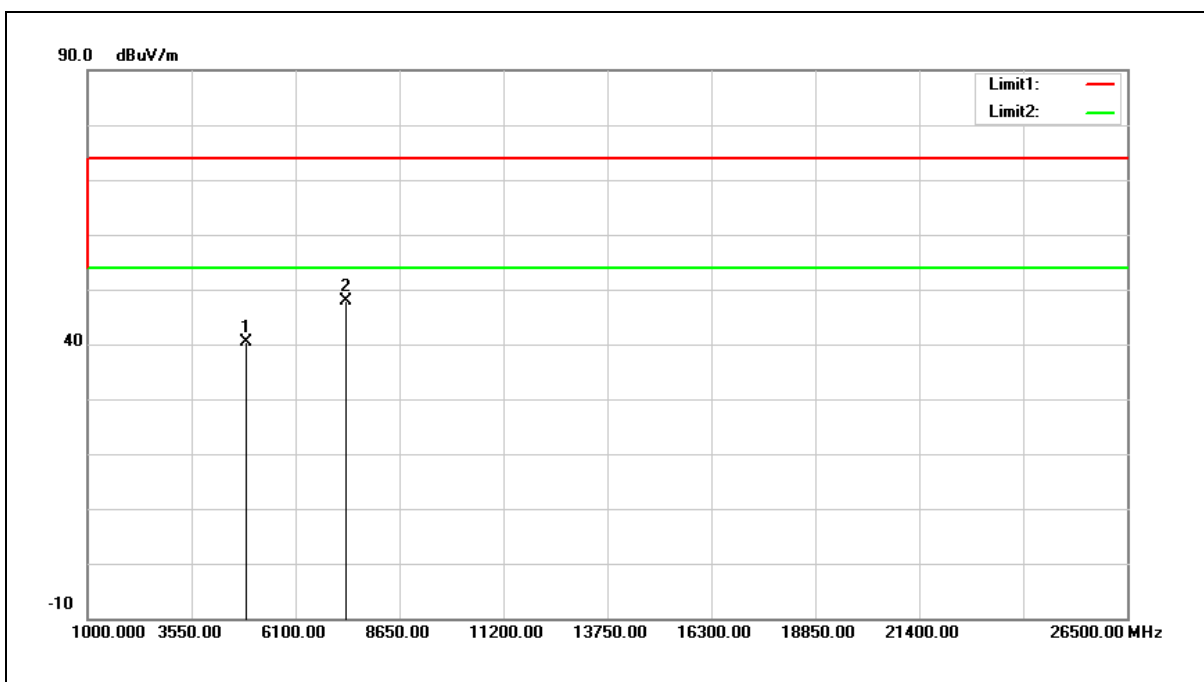
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	33.92	6.21	40.13	74.00	-33.87	peak
2	7356.000	34.57	12.89	47.46	74.00	-26.54	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



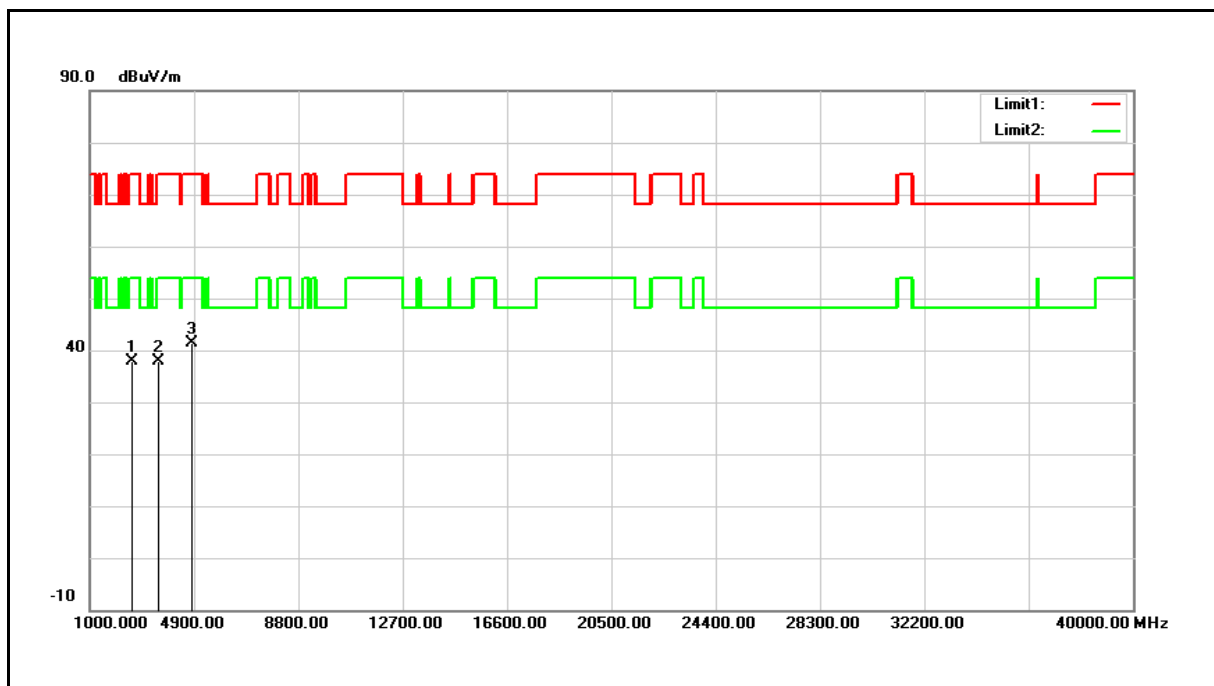
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	34.25	6.21	40.46	74.00	-33.54	peak
2	7356.000	35.02	12.89	47.91	74.00	-26.09	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Mode:	Simultaneous Transmitting (WLAN 2.4 +5 GHz + Bluetooth)	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



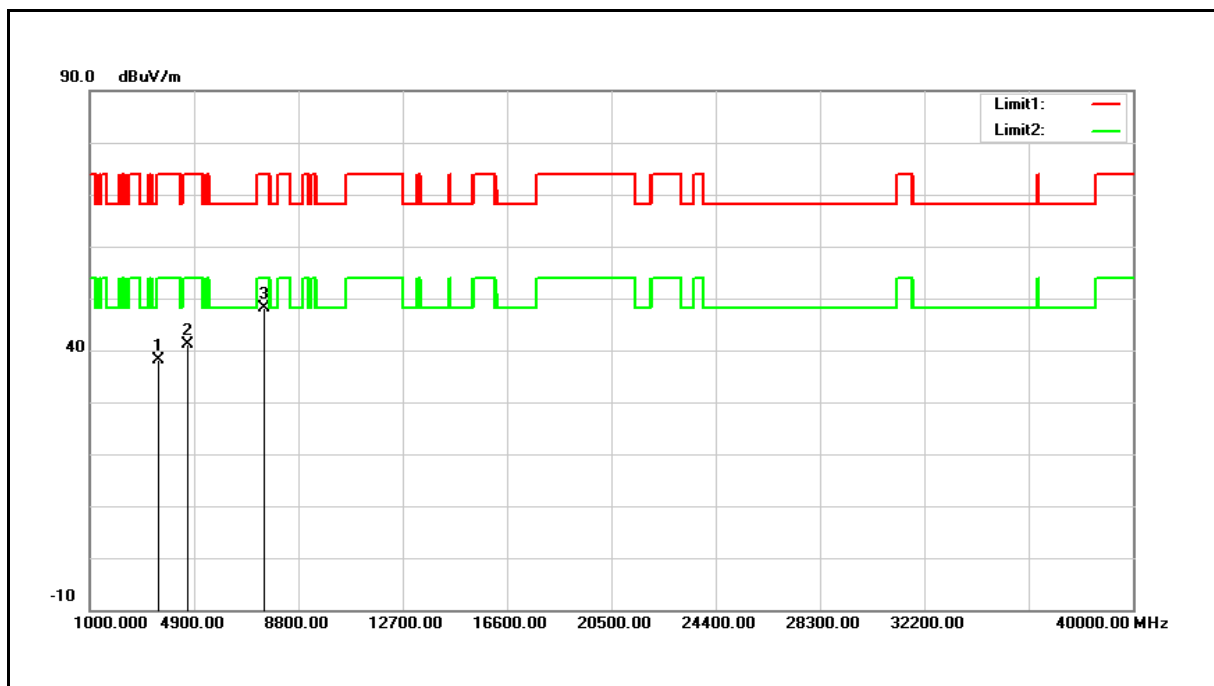
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2581.000	37.93	-0.08	37.85	74.00	-36.15	peak
2	3550.000	35.41	2.42	37.83	74.00	-36.17	peak
3	4842.000	35.48	6.02	41.50	74.00	-32.50	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Mode:	Simultaneous Transmitting (WLAN 2.4 +5 GHz + Bluetooth)	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		



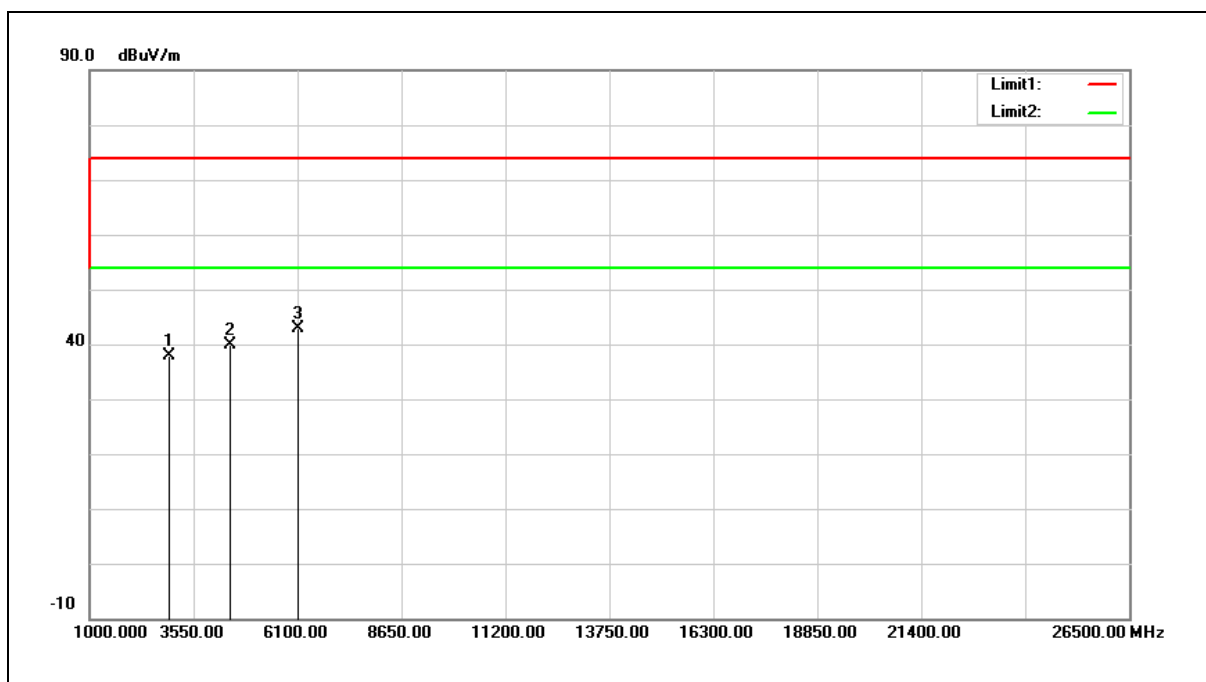
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3567.000	35.57	2.48	38.05	74.00	-35.95	peak
2	4655.000	35.78	5.45	41.23	74.00	-32.77	peak
3	7494.000	34.76	13.36	48.12	74.00	-25.88	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Mode:	Mode 13	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		
Description:			



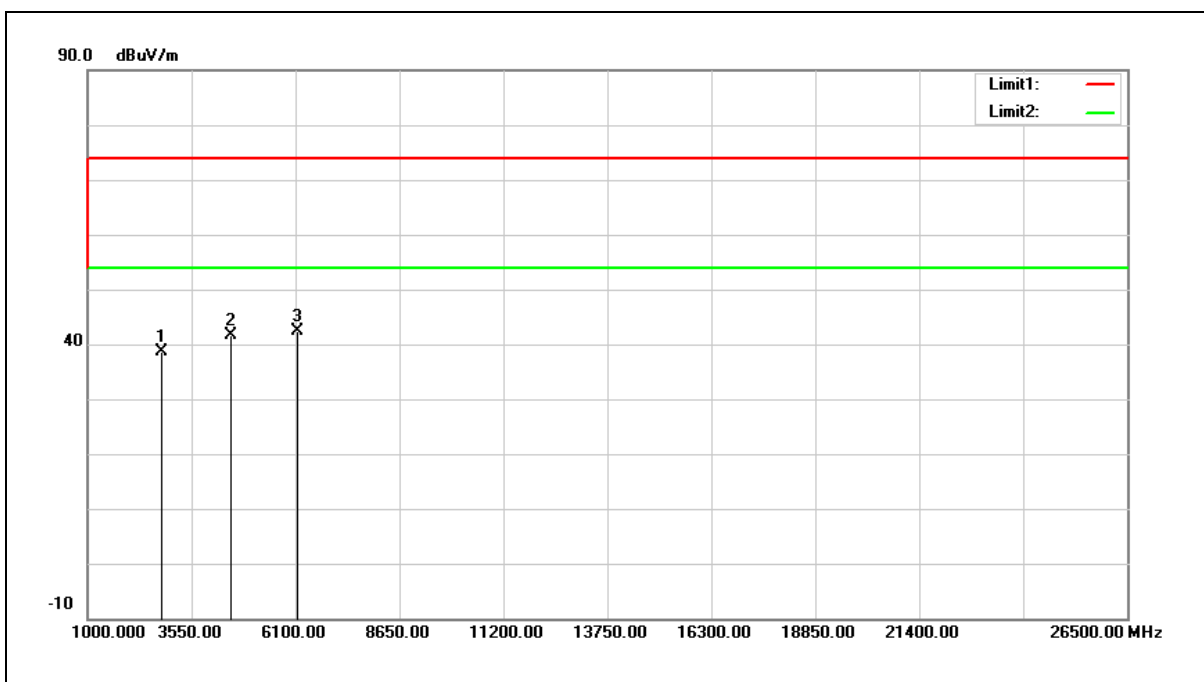
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2921.000	37.06	0.91	37.97	74.00	-36.03	peak
2	4434.000	35.07	4.85	39.92	74.00	-34.08	peak
3	6117.000	33.59	9.29	42.88	74.00	-31.12	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Mode:	Mode 13	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	37.95	0.56	38.51	74.00	-35.49	peak
2	4519.000	36.49	5.03	41.52	74.00	-32.48	peak
3	6151.000	33.08	9.38	42.46	74.00	-31.54	peak

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

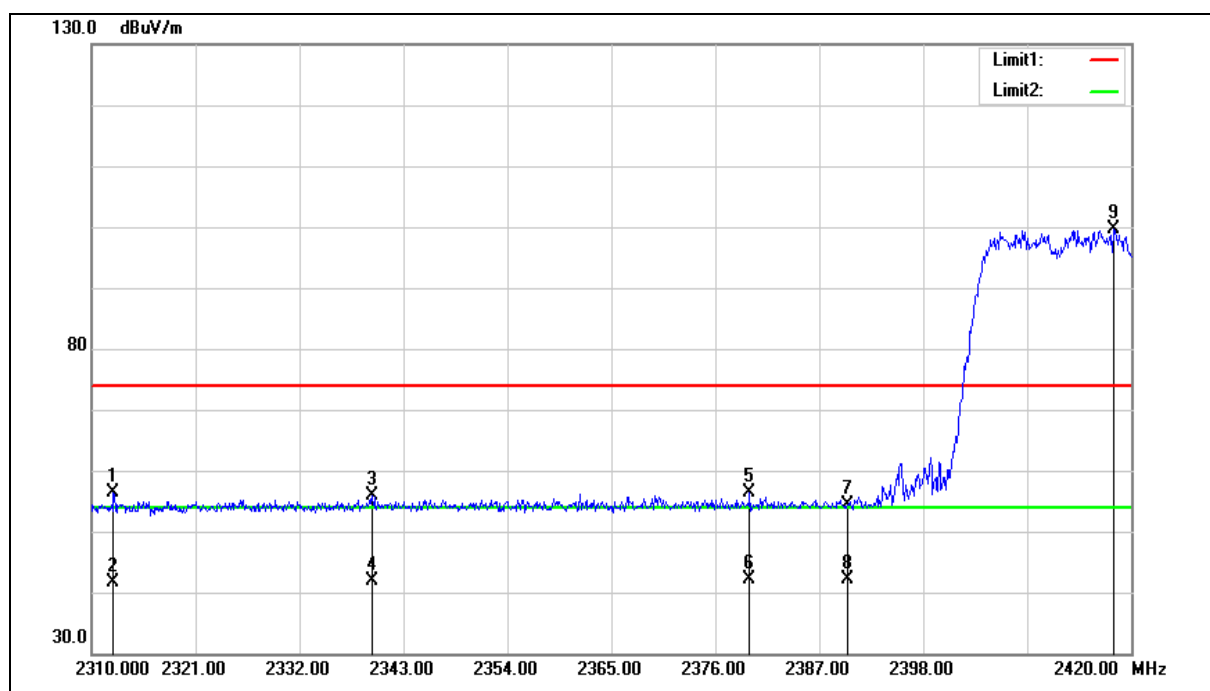
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

頻帶邊緣

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

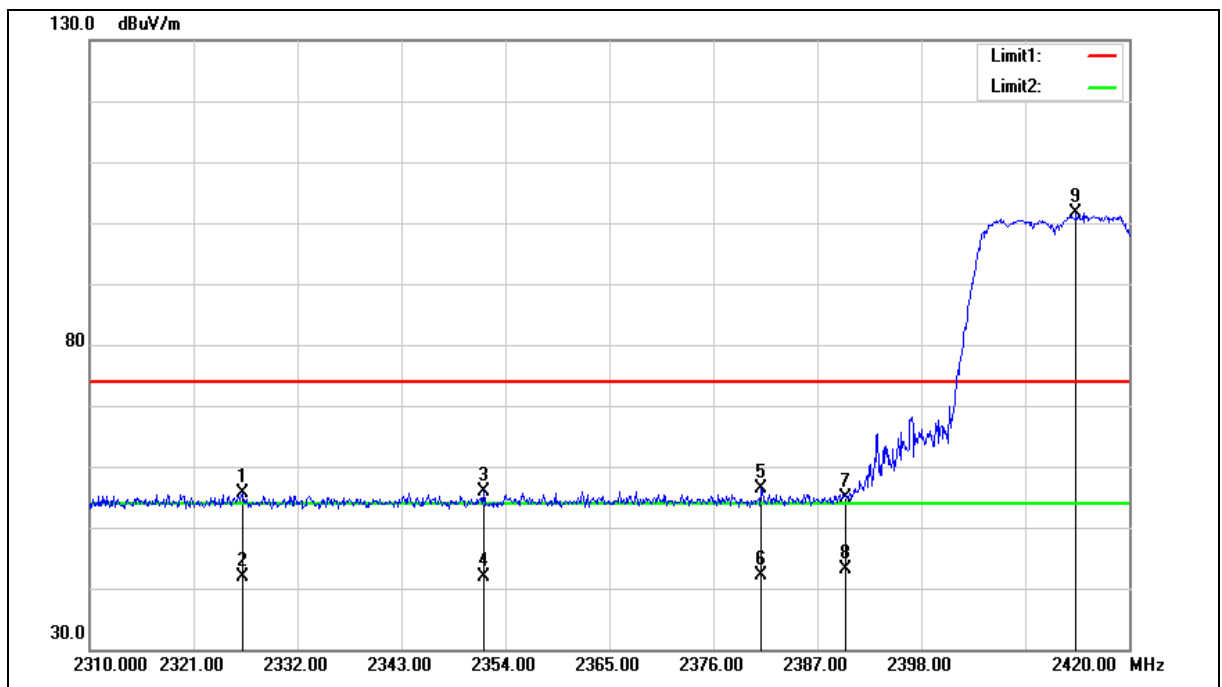
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2312.310	57.59	-1.26	56.33	74.00	-17.67	peak
2	2312.310	42.93	-1.26	41.67	54.00	-12.33	AVG
3	2339.700	56.90	-1.13	55.77	74.00	-18.23	peak
4	2339.700	42.99	-1.13	41.86	54.00	-12.14	AVG
5	2379.630	57.21	-0.93	56.28	74.00	-17.72	peak
6	2379.630	42.95	-0.93	42.02	54.00	-11.98	AVG
7	2390.000	55.37	-0.87	54.50	74.00	-19.50	peak
8	2390.000	42.99	-0.87	42.12	54.00	-11.88	AVG
9	2418.130	100.26	-0.73	99.53	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

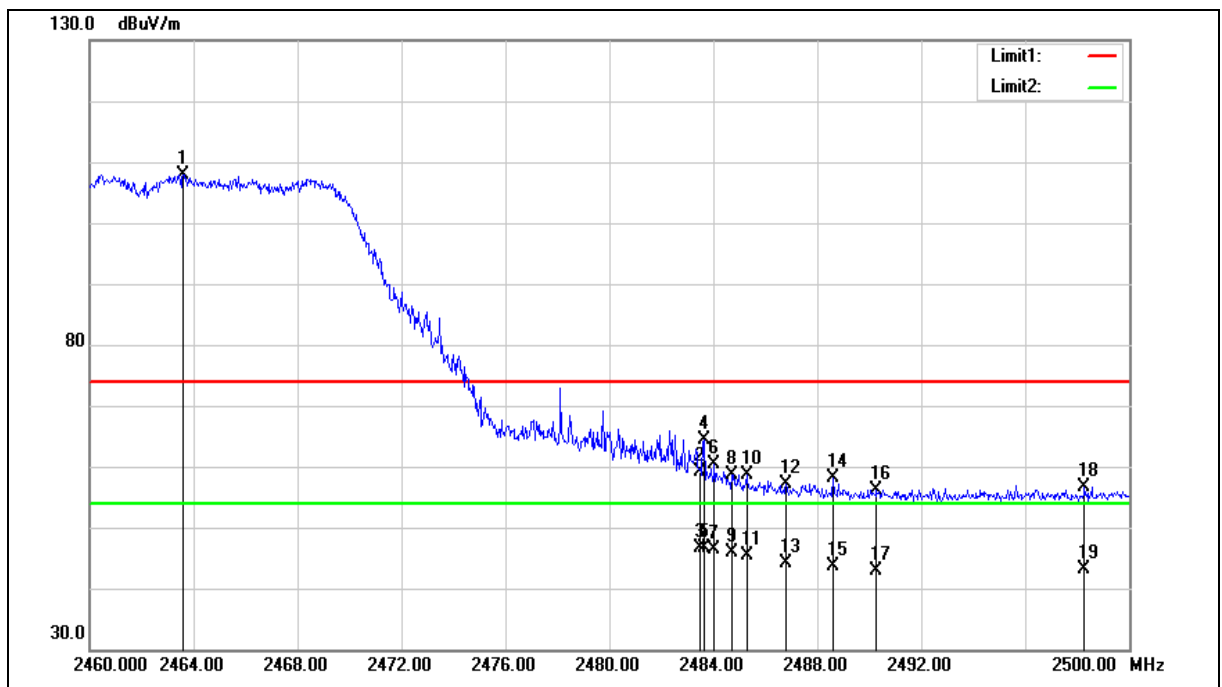
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2326.170	56.90	-1.19	55.71	74.00	-18.29	peak
2	2326.170	42.98	-1.19	41.79	54.00	-12.21	AVG
3	2351.690	57.02	-1.06	55.96	74.00	-18.04	peak
4	2351.690	42.93	-1.06	41.87	54.00	-12.13	AVG
5	2381.060	57.23	-0.91	56.32	74.00	-17.68	peak
6	2381.060	42.94	-0.91	42.03	54.00	-11.97	AVG
7	2390.000	55.86	-0.87	54.99	74.00	-19.01	peak
8	2390.000	43.94	-0.87	43.07	54.00	-10.93	AVG
9	2414.390	102.42	-0.75	101.67	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

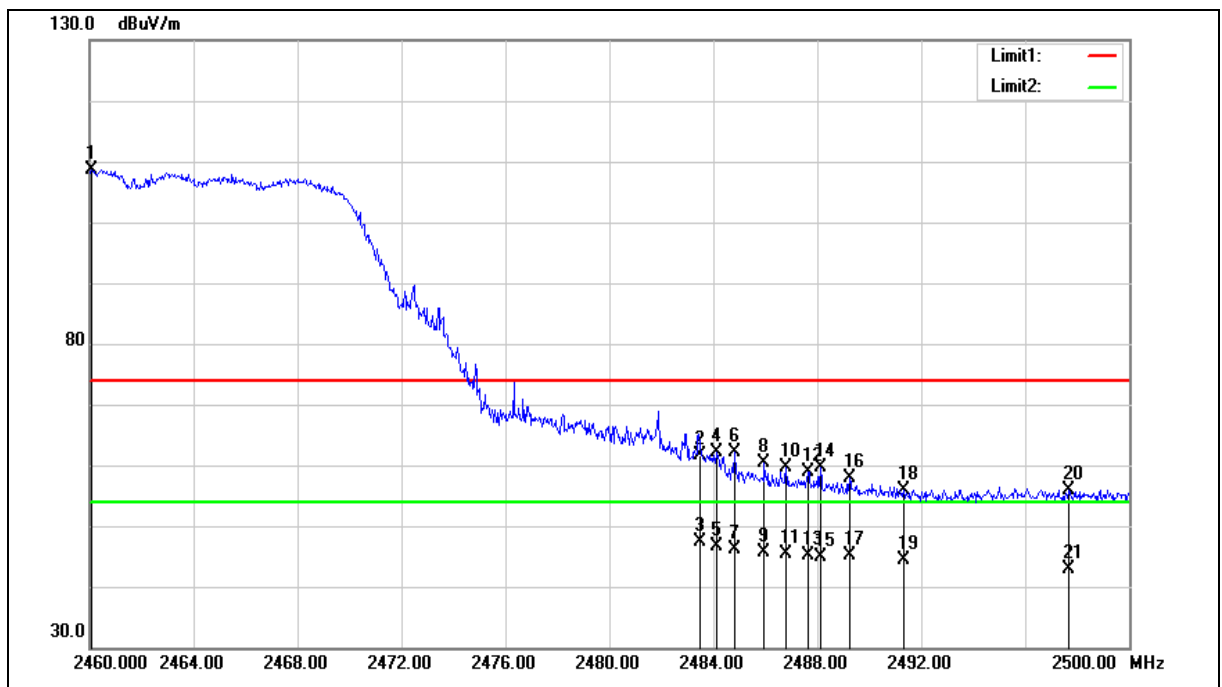
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.600	108.43	-0.49	107.94	--	--	peak
2	2483.500	59.44	-0.40	59.04	74.00	-14.96	peak
3	2483.500	47.09	-0.40	46.69	54.00	-7.31	AVG
4	2483.640	64.80	-0.40	64.40	74.00	-9.60	peak
5	2483.640	46.99	-0.40	46.59	54.00	-7.41	AVG
6	2484.040	60.70	-0.39	60.31	74.00	-13.69	peak
7	2484.040	46.75	-0.39	46.36	54.00	-7.64	AVG
8	2484.720	59.05	-0.39	58.66	74.00	-15.34	peak
9	2484.720	46.20	-0.39	45.81	54.00	-8.19	AVG
10	2485.280	58.98	-0.39	58.59	74.00	-15.41	peak
11	2485.280	45.75	-0.39	45.36	54.00	-8.64	AVG
12	2486.800	57.60	-0.37	57.23	74.00	-16.77	peak
13	2486.800	44.39	-0.37	44.02	54.00	-9.98	AVG
14	2488.600	58.46	-0.37	58.09	74.00	-15.91	peak
15	2488.600	44.08	-0.37	43.71	54.00	-10.29	AVG
16	2490.280	56.56	-0.36	56.20	74.00	-17.80	peak
17	2490.280	43.34	-0.36	42.98	54.00	-11.02	AVG
18	2498.280	56.93	-0.32	56.61	74.00	-17.39	peak
19	2498.280	43.37	-0.32	43.05	54.00	-10.95	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

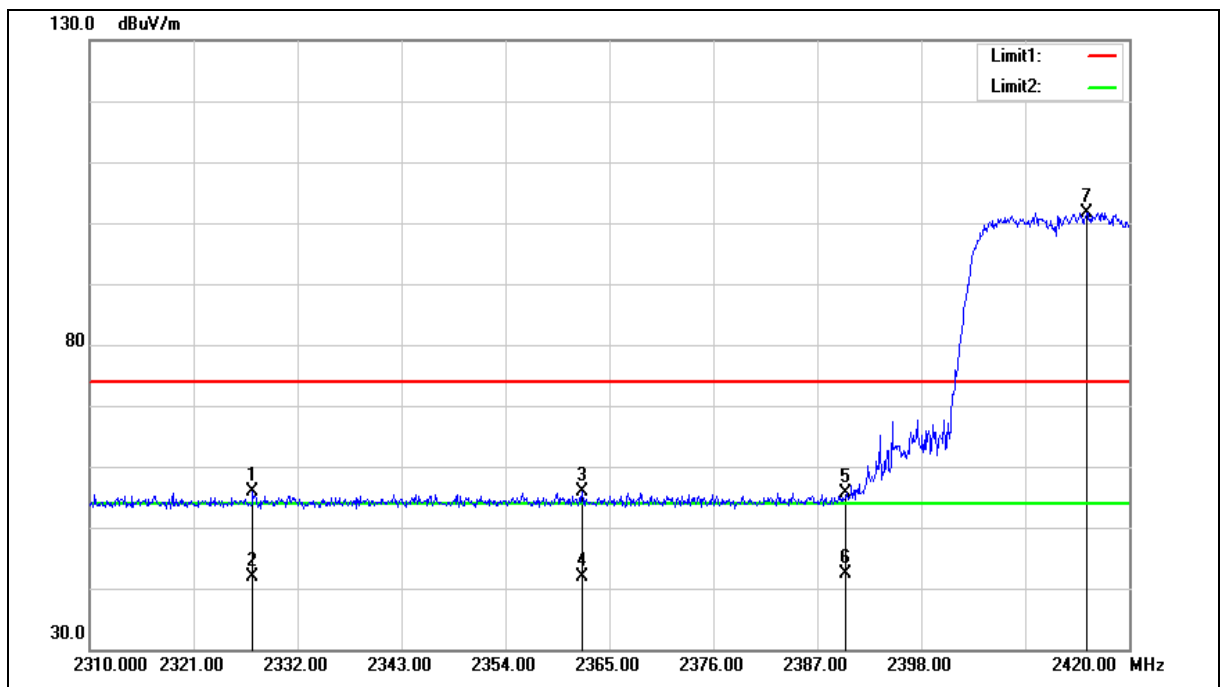
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.080	109.12	-0.52	108.60	--	--	peak
2	2483.500	61.95	-0.40	61.55	74.00	-12.45	peak
3	2483.500	47.80	-0.40	47.40	54.00	-6.60	AVG
4	2484.120	62.61	-0.39	62.22	74.00	-11.78	peak
5	2484.120	47.06	-0.39	46.67	54.00	-7.33	AVG
6	2484.840	62.62	-0.39	62.23	74.00	-11.77	peak
7	2484.840	46.62	-0.39	46.23	54.00	-7.77	AVG
8	2485.960	60.76	-0.38	60.38	74.00	-13.62	peak
9	2485.960	46.00	-0.38	45.62	54.00	-8.38	AVG
10	2486.800	60.08	-0.37	59.71	74.00	-14.29	peak
11	2486.800	45.85	-0.37	45.48	54.00	-8.52	AVG
12	2487.640	59.19	-0.37	58.82	74.00	-15.18	peak
13	2487.640	45.44	-0.37	45.07	54.00	-8.93	AVG
14	2488.120	59.89	-0.37	59.52	74.00	-14.48	peak
15	2488.120	45.26	-0.37	44.89	54.00	-9.11	AVG
16	2489.240	58.14	-0.37	57.77	74.00	-16.23	peak
17	2489.240	45.40	-0.37	45.03	54.00	-8.97	AVG
18	2491.320	56.31	-0.35	55.96	74.00	-18.04	peak
19	2491.320	44.78	-0.35	44.43	54.00	-9.57	AVG
20	2497.680	56.08	-0.32	55.76	74.00	-18.24	peak
21	2497.680	43.18	-0.32	42.86	54.00	-11.14	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

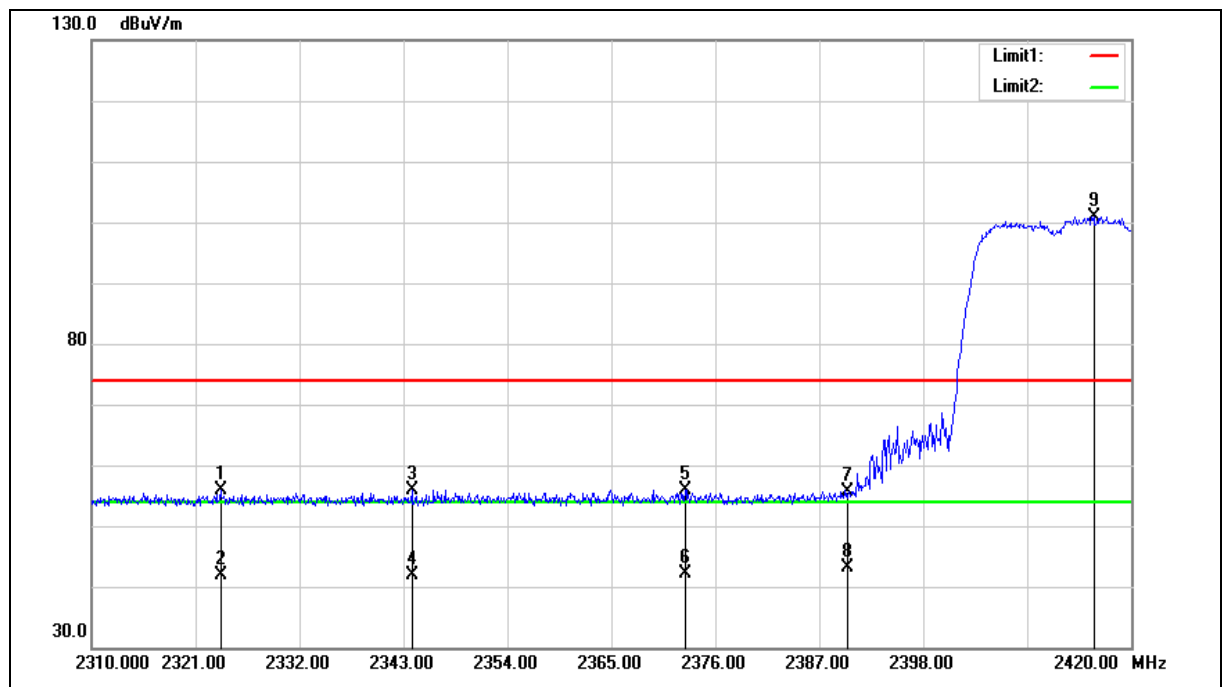
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2327.270	57.07	-1.19	55.88	74.00	-18.12	peak
2	2327.270	42.95	-1.19	41.76	54.00	-12.24	AVG
3	2362.140	56.89	-1.02	55.87	74.00	-18.13	peak
4	2362.140	43.00	-1.02	41.98	54.00	-12.02	AVG
5	2390.000	56.39	-0.87	55.52	74.00	-18.48	peak
6	2390.000	43.22	-0.87	42.35	54.00	-11.65	AVG
7	2415.490	102.50	-0.75	101.75	--	--	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

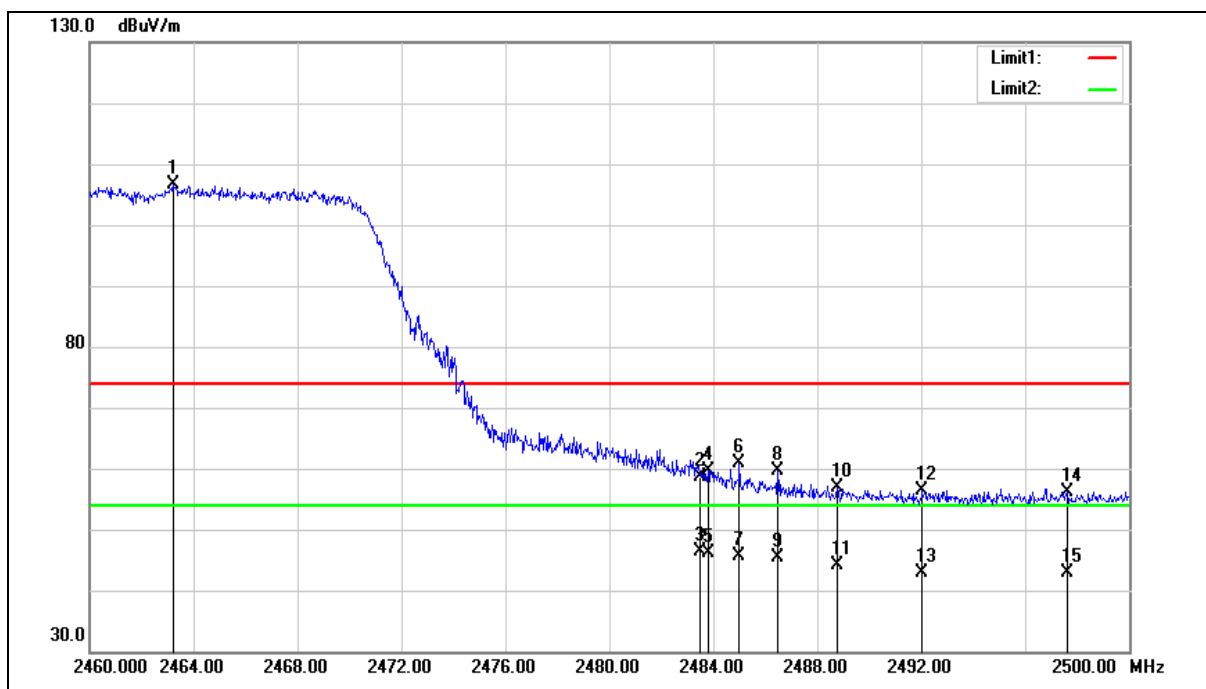
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2323.640	57.03	-1.20	55.83	74.00	-18.17	peak
2	2323.640	42.98	-1.20	41.78	54.00	-12.22	AVG
3	2343.880	56.99	-1.10	55.89	74.00	-18.11	peak
4	2343.880	42.92	-1.10	41.82	54.00	-12.18	AVG
5	2372.810	56.85	-0.96	55.89	74.00	-18.11	peak
6	2372.810	42.98	-0.96	42.02	54.00	-11.98	AVG
7	2390.000	56.47	-0.87	55.60	74.00	-18.40	peak
8	2390.000	43.97	-0.87	43.10	54.00	-10.90	AVG
9	2416.040	101.70	-0.74	100.96	--	--	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

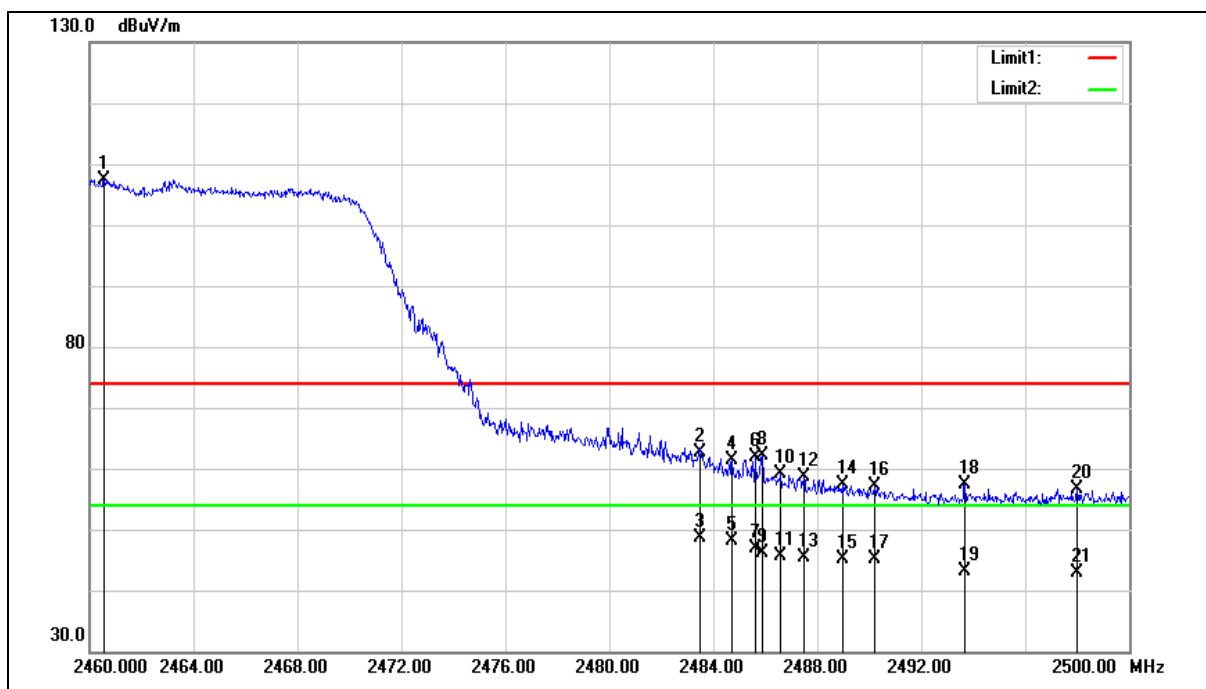
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.200	107.11	-0.50	106.61	--	--	peak
2	2483.500	59.10	-0.40	58.70	74.00	-15.30	peak
3	2483.500	46.88	-0.40	46.48	54.00	-7.52	AVG
4	2483.800	60.15	-0.40	59.75	74.00	-14.25	peak
5	2483.800	46.64	-0.40	46.24	54.00	-7.76	AVG
6	2485.000	61.35	-0.39	60.96	74.00	-13.04	peak
7	2485.000	46.07	-0.39	45.68	54.00	-8.32	AVG
8	2486.480	60.07	-0.38	59.69	74.00	-14.31	peak
9	2486.480	45.68	-0.38	45.30	54.00	-8.70	AVG
10	2488.760	57.34	-0.37	56.97	74.00	-17.03	peak
11	2488.760	44.41	-0.37	44.04	54.00	-9.96	AVG
12	2492.040	56.81	-0.35	56.46	74.00	-17.54	peak
13	2492.040	43.14	-0.35	42.79	54.00	-11.21	AVG
14	2497.600	56.50	-0.32	56.18	74.00	-17.82	peak
15	2497.600	43.14	-0.32	42.82	54.00	-11.18	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

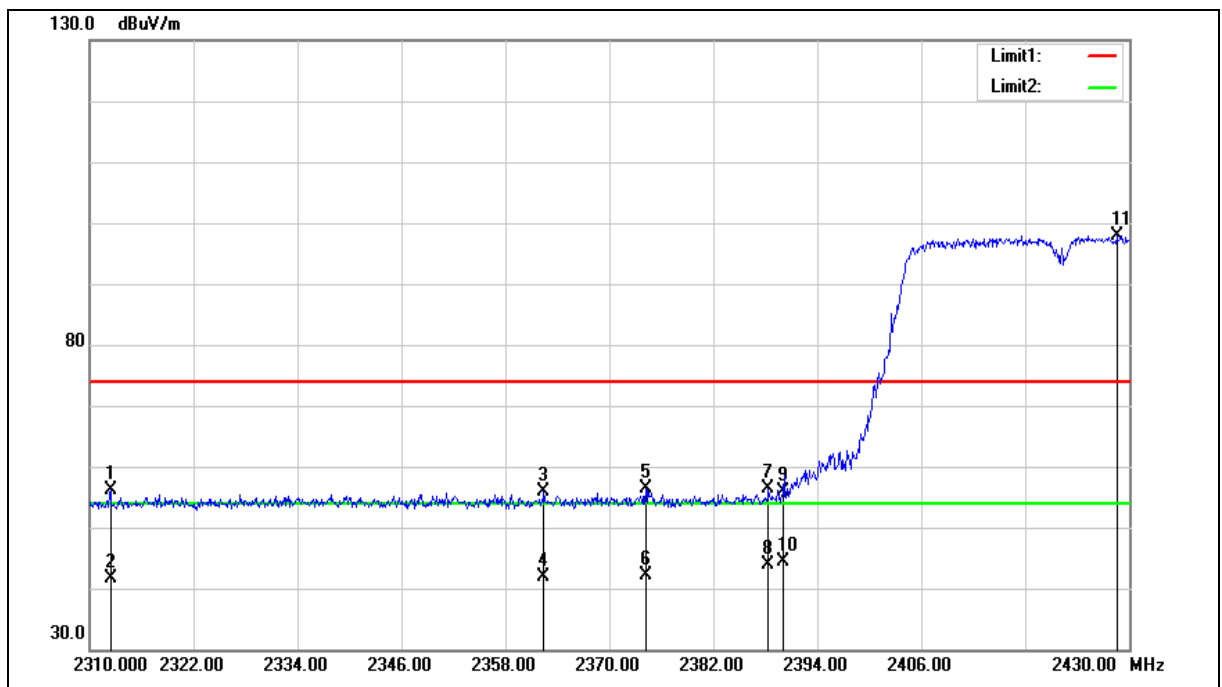
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.560	107.97	-0.51	107.46	--	--	peak
2	2483.500	63.14	-0.40	62.74	74.00	-11.26	peak
3	2483.500	49.09	-0.40	48.69	54.00	-5.31	AVG
4	2484.720	61.85	-0.39	61.46	74.00	-12.54	peak
5	2484.720	48.41	-0.39	48.02	54.00	-5.98	AVG
6	2485.600	62.23	-0.38	61.85	74.00	-12.15	peak
7	2485.600	47.35	-0.38	46.97	54.00	-7.03	AVG
8	2485.880	62.44	-0.38	62.06	74.00	-11.94	peak
9	2485.880	46.41	-0.38	46.03	54.00	-7.97	AVG
10	2486.600	59.54	-0.38	59.16	74.00	-14.84	peak
11	2486.600	46.11	-0.38	45.73	54.00	-8.27	AVG
12	2487.480	58.88	-0.37	58.51	74.00	-15.49	peak
13	2487.480	45.66	-0.37	45.29	54.00	-8.71	AVG
14	2488.960	57.67	-0.37	57.30	74.00	-16.70	peak
15	2488.960	45.47	-0.37	45.10	54.00	-8.90	AVG
16	2490.200	57.58	-0.36	57.22	74.00	-16.78	peak
17	2490.200	45.37	-0.36	45.01	54.00	-8.99	AVG
18	2493.680	57.80	-0.34	57.46	74.00	-16.54	peak
19	2493.680	43.58	-0.34	43.24	54.00	-10.76	AVG
20	2498.000	57.03	-0.32	56.71	74.00	-17.29	peak
21	2498.000	43.19	-0.32	42.87	54.00	-11.13	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

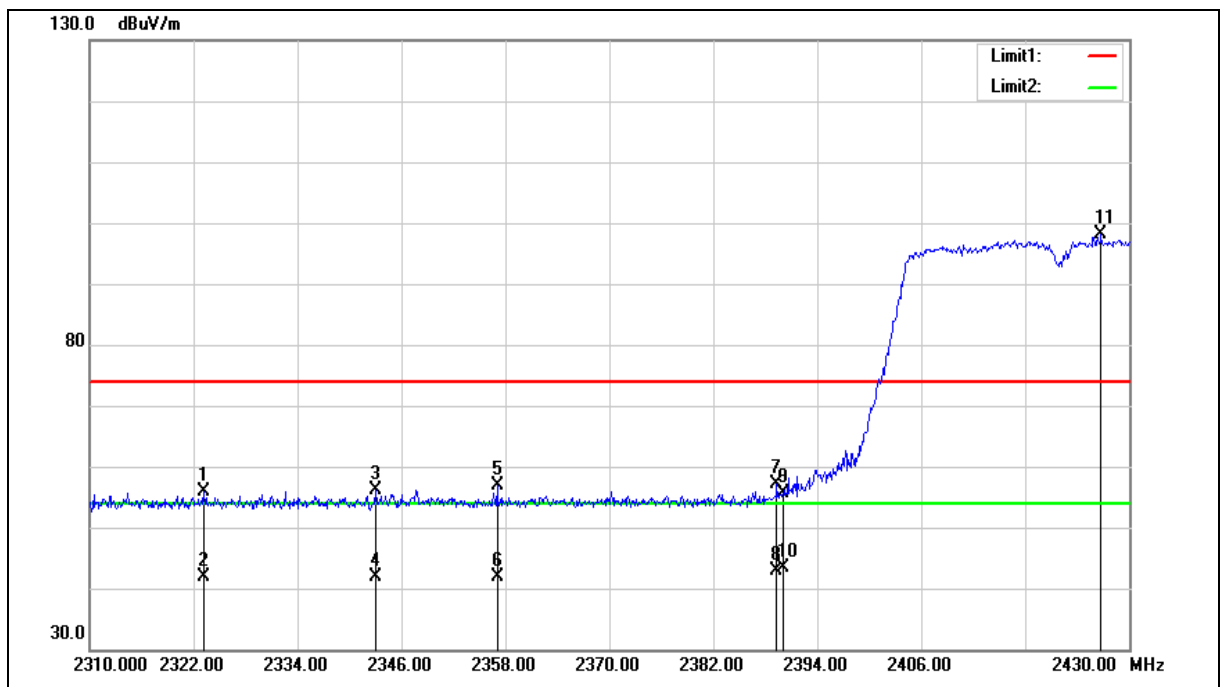
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2312.400	57.41	-1.26	56.15	74.00	-17.85	peak
2	2312.400	42.93	-1.26	41.67	54.00	-12.33	AVG
3	2362.440	56.95	-1.02	55.93	74.00	-18.07	peak
4	2362.440	43.00	-1.02	41.98	54.00	-12.02	AVG
5	2374.200	57.38	-0.96	56.42	74.00	-17.58	peak
6	2374.200	43.00	-0.96	42.04	54.00	-11.96	AVG
7	2388.360	57.17	-0.88	56.29	74.00	-17.71	peak
8	2388.360	44.77	-0.88	43.89	54.00	-10.11	AVG
9	2390.000	56.87	-0.87	56.00	74.00	-18.00	peak
10	2390.000	45.22	-0.87	44.35	54.00	-9.65	AVG
11	2428.560	98.63	-0.67	97.96	--	--	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2422 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

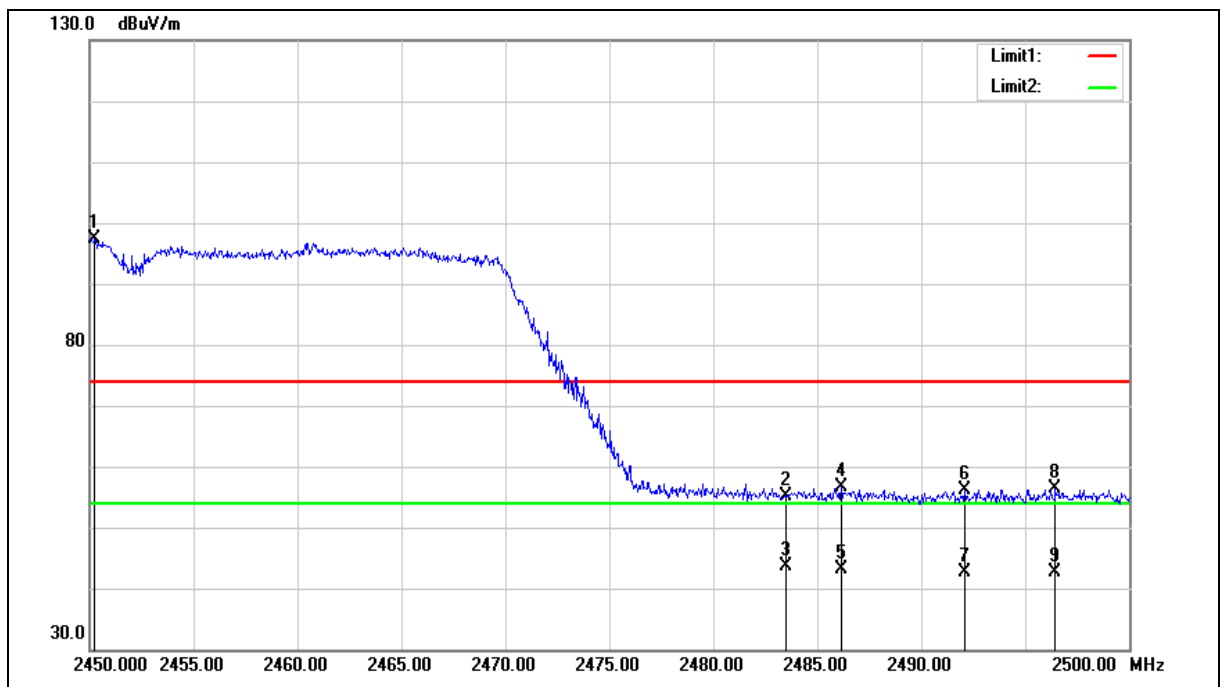
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2323.200	57.10	-1.20	55.90	74.00	-18.10	peak
2	2323.200	43.09	-1.20	41.89	54.00	-12.11	AVG
3	2343.000	57.23	-1.10	56.13	74.00	-17.87	peak
4	2343.000	42.88	-1.10	41.78	54.00	-12.22	AVG
5	2357.040	57.97	-1.04	56.93	74.00	-17.07	peak
6	2357.040	42.95	-1.04	41.91	54.00	-12.09	AVG
7	2389.320	57.91	-0.88	57.03	74.00	-16.97	peak
8	2389.320	43.86	-0.88	42.98	54.00	-11.02	AVG
9	2390.000	56.52	-0.87	55.65	74.00	-18.35	peak
10	2390.000	44.13	-0.87	43.26	54.00	-10.74	AVG
11	2426.760	98.73	-0.69	98.04	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

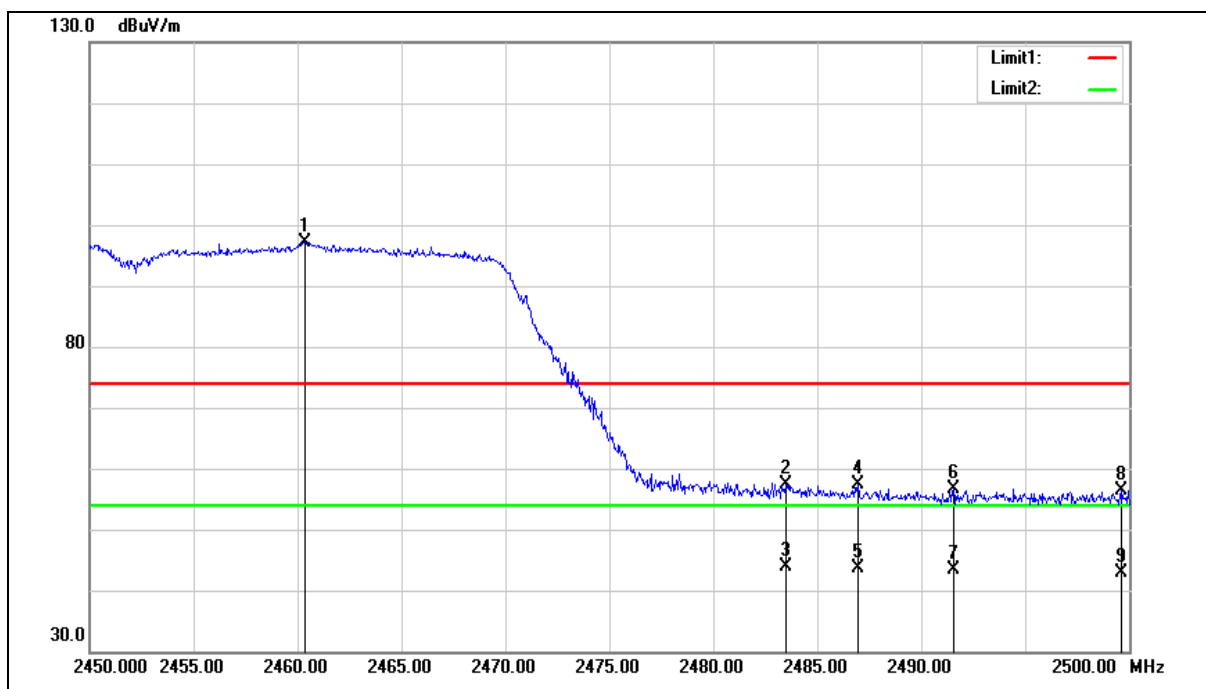
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2450.250	98.01	-0.57	97.44	--	--	peak
2	2483.500	55.46	-0.40	55.06	74.00	-18.94	peak
3	2483.500	43.96	-0.40	43.56	54.00	-10.44	AVG
4	2486.150	57.02	-0.38	56.64	74.00	-17.36	peak
5	2486.150	43.48	-0.38	43.10	54.00	-10.90	AVG
6	2492.100	56.52	-0.35	56.17	74.00	-17.83	peak
7	2492.100	43.07	-0.35	42.72	54.00	-11.28	AVG
8	2496.450	56.70	-0.33	56.37	74.00	-17.63	peak
9	2496.450	43.02	-0.33	42.69	54.00	-11.31	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	2452 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.350	97.75	-0.51	97.24	--	--	peak
2	2483.500	57.70	-0.40	57.30	74.00	-16.70	peak
3	2483.500	44.38	-0.40	43.98	54.00	-10.02	AVG
4	2486.950	57.79	-0.37	57.42	74.00	-16.58	peak
5	2486.950	43.94	-0.37	43.57	54.00	-10.43	AVG
6	2491.550	56.97	-0.35	56.62	74.00	-17.38	peak
7	2491.550	43.77	-0.35	43.42	54.00	-10.58	AVG
8	2499.650	56.65	-0.31	56.34	74.00	-17.66	peak
9	2499.650	43.11	-0.31	42.80	54.00	-11.20	AVG

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

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

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

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

Diversity mode :

Core0, Core1, Core1 TAS

Directional = Max. Gain = -0.5 dBi < 6 dBi

MIMO mode :

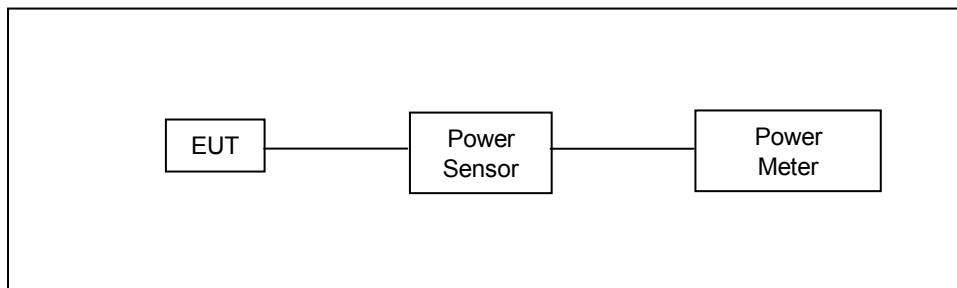
Core0 + Core1

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\}$ = 1.79 dBi < 6 dBi

Core0 + Core1 TAS

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\}$ = 0.9 dBi < 6 dBi

測試架構圖：



Core0, Core1, Core1 TAS

測試結果:

操作模式：Mode 2									
操作模式	Data Rate (Mbps)	頻道 CH	最大傳導輸出功率(Average)						Limit (dBm)
			Core0		Core1		Core1(TAS)		
			dBm	W	dBm	W	dBm	W	
Mode 2	1	01	8.68	0.007	9.10	0.008	9.25	0.008	≤ 30.00
		06	16.65	0.046	17.02	0.050	17.27	0.053	≤ 30.00
		11	16.03	0.040	17.41	0.055	16.84	0.048	≤ 30.00

Core0 + Core1

測試結果:

操作模式： 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)
			Core0		Core1		
			dBm	W	dBm	W	
Mode 3	6	01	8.61	0.007	9.06	0.008	≤ 30.00
		06	15.70	0.037	16.31	0.043	≤ 30.00
		11	15.42	0.035	16.23	0.042	≤ 30.00
Mode 4	13	01	8.24	0.007	8.81	0.008	≤ 30.00
		06	15.12	0.033	15.87	0.039	≤ 30.00
		11	14.84	0.030	15.68	0.037	≤ 30.00
Mode 5	27	03	8.47	0.007	9.01	0.008	≤ 30.00
		06	15.22	0.033	15.76	0.038	≤ 30.00
		09	8.45	0.007	8.73	0.007	≤ 30.00

操作模式： 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)
			Core0+1		
			dBm	W	
Mode 3	6	01	11.85	0.015	≤ 30.00
		06	19.03	0.080	≤ 30.00
		11	18.85	0.077	≤ 30.00
Mode 4	13	01	11.54	0.014	≤ 30.00
		06	18.52	0.071	≤ 30.00
		11	18.29	0.067	≤ 30.00
Mode 5	27	03	11.76	0.015	≤ 30.00
		06	18.51	0.071	≤ 30.00
		09	11.60	0.014	≤ 30.00

Core0 + Core1 TAS

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)
			Core0		Core1		
			dBm	W	dBm	W	
Mode 3	6	01	8.59	0.007	9.43	0.009	≤ 30.00
		06	15.77	0.038	16.41	0.044	≤ 30.00
		11	15.51	0.036	16.01	0.040	≤ 30.00
Mode 4	13	01	8.46	0.007	9.06	0.008	≤ 30.00
		06	15.15	0.033	16.28	0.042	≤ 30.00
		11	14.98	0.031	15.38	0.035	≤ 30.00
Mode 5	27	03	8.50	0.007	8.87	0.008	≤ 30.00
		06	15.30	0.034	15.59	0.036	≤ 30.00
		09	8.53	0.007	8.74	0.007	≤ 30.00

操作模式 : 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)
			Core0+1		
			dBm	W	
Mode 3	6	01	12.04	0.016	≤ 30.00
		06	19.11	0.082	≤ 30.00
		11	18.78	0.075	≤ 30.00
Mode 4	13	01	11.78	0.015	≤ 30.00
		06	18.76	0.075	≤ 30.00
		11	18.19	0.066	≤ 30.00
Mode 5	27	03	11.70	0.015	≤ 30.00
		06	18.46	0.070	≤ 30.00
		09	11.65	0.015	≤ 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:

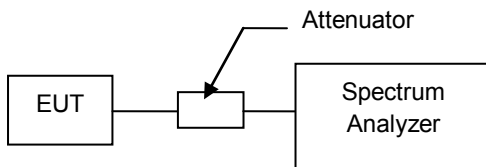
符合。

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。

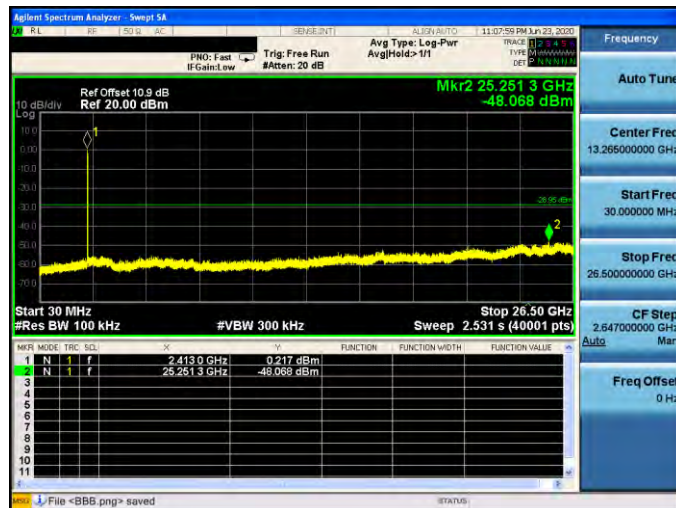
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 30 dB。

Core0

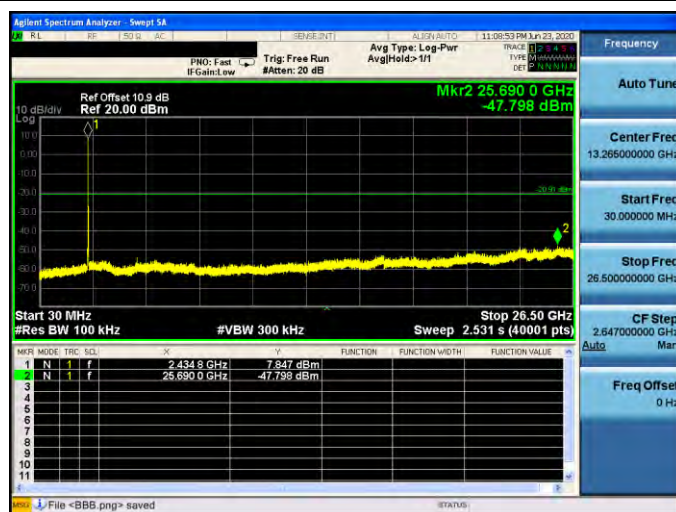
Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX Mode_Core0

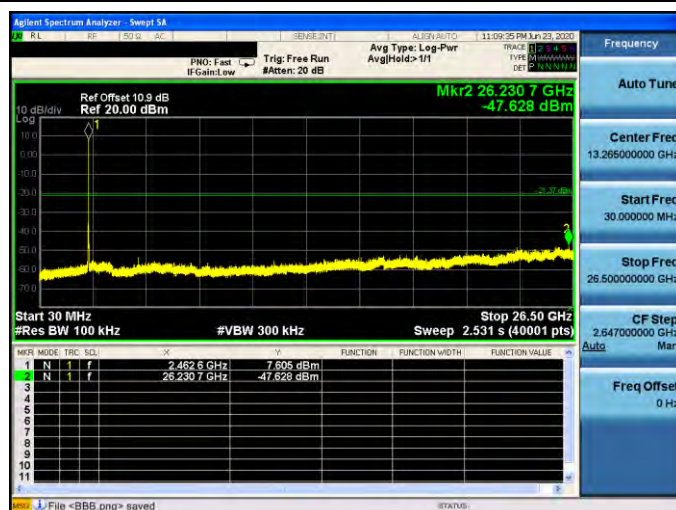
CH01



CH06



CH11



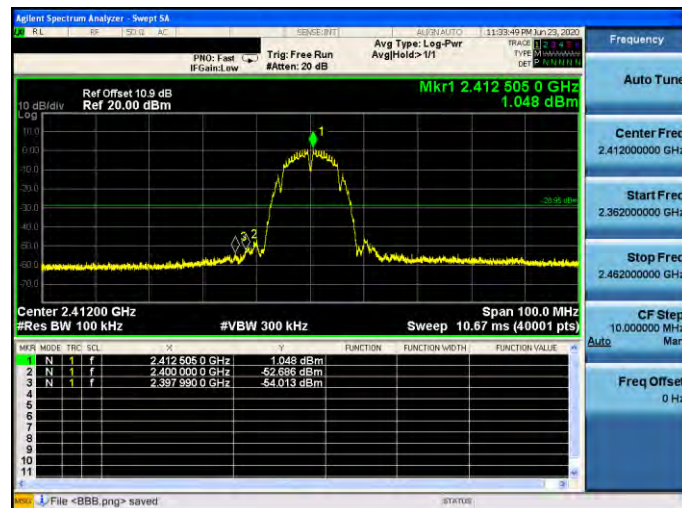
Reference level

Mode 2: IEEE 802.11b Continuous TX Mode_Core0	
CH01	 Agilent Spectrum Analyzer - Swept SA Ref Offset 10.9 dB Ref 20.00 dBm Mkr1 2.411 509 GHz 1.050 dBm Center 2.412000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.267 ms (1001 pts) Span 12.91 MHz Frequency Auto Tune Center Freq 2.412000000 GHz Start Freq 2.406545000 GHz Stop Freq 2.418455000 GHz CF Step 1.291000 MHz Auto Man Freq Offset 0 Hz
CH06	 Agilent Spectrum Analyzer - Swept SA Ref Offset 10.9 dB Ref 20.00 dBm Mkr1 2.436 509 GHz 9.092 dBm Center 2.437000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.267 ms (1001 pts) Span 12.92 MHz Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.430540000 GHz Stop Freq 2.443460000 GHz CF Step 1.292000 MHz Auto Man Freq Offset 0 Hz
CH11	 Agilent Spectrum Analyzer - Swept SA Ref Offset 10.9 dB Ref 20.00 dBm Mkr1 2.461 510 GHz 8.632 dBm Center 2.462000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.267 ms (1001 pts) Span 12.89 MHz Frequency Auto Tune Center Freq 2.462000000 GHz Start Freq 2.456555000 GHz Stop Freq 2.468445000 GHz CF Step 1.289000 MHz Auto Man Freq Offset 0 Hz

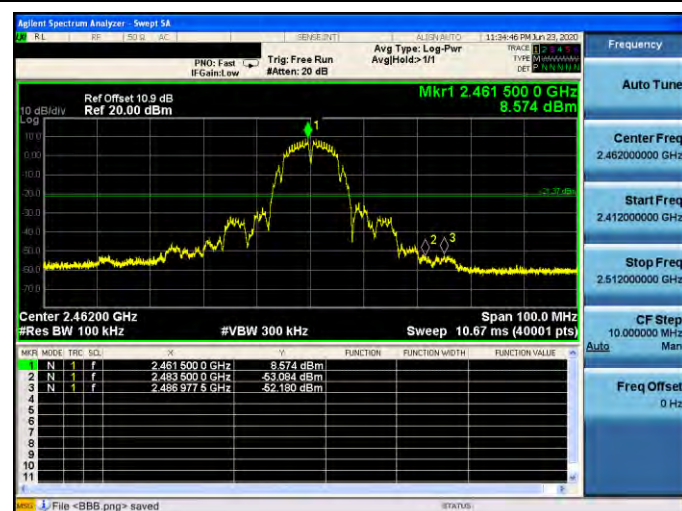
Conducted Band Edge

Mode 2: IEEE 802.11b Continuous TX Mode_Core0

CH01



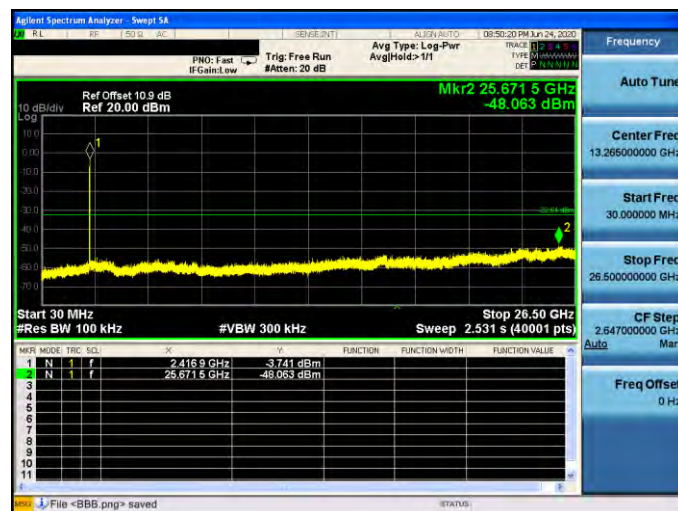
CH11



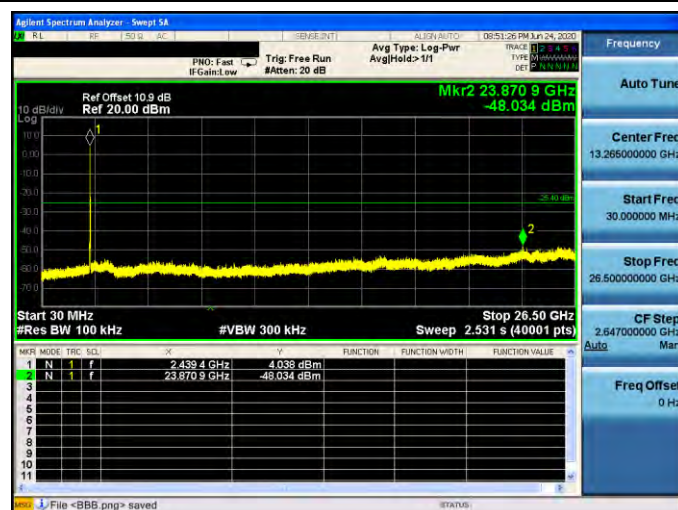
Core0 + Core1	
Out of Band Conducted Spurious Emission	
Mode 3: IEEE 802.11g Continuous TX Mode_Core0	
CH01	
CH06	
CH11	

Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_Core0

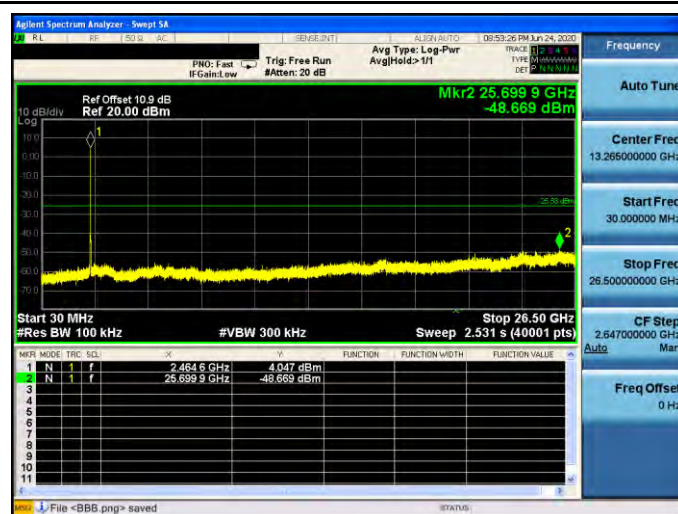
CH01



CH06

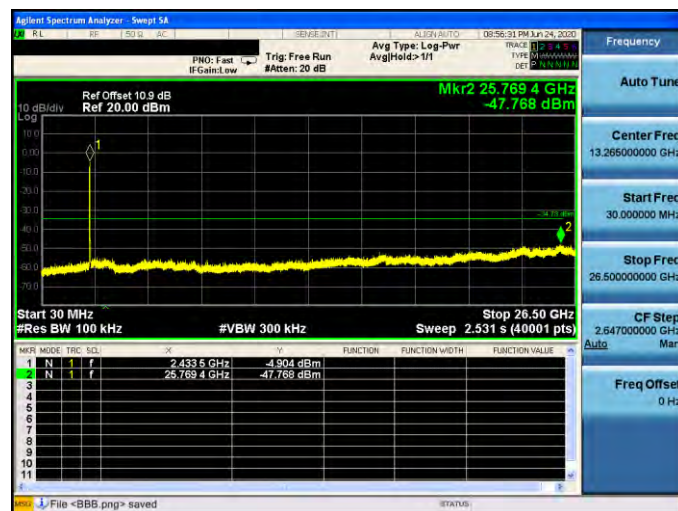


CH11

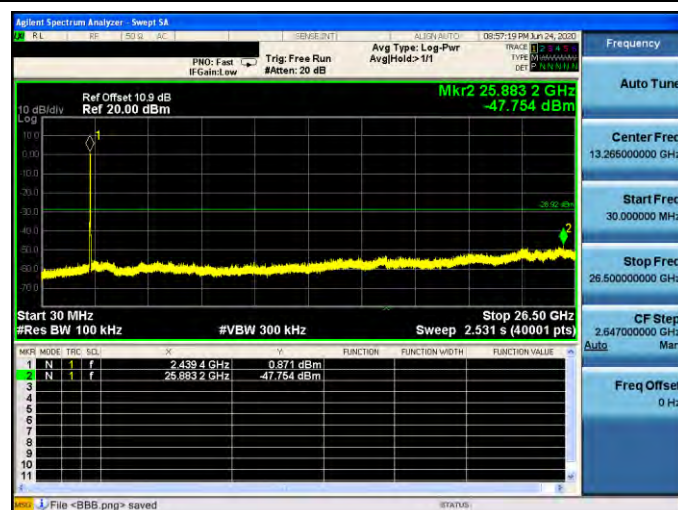


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_Core0

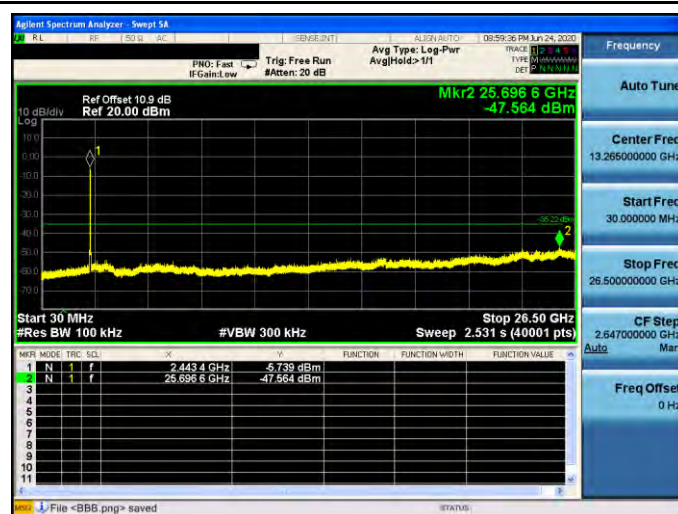
CH03

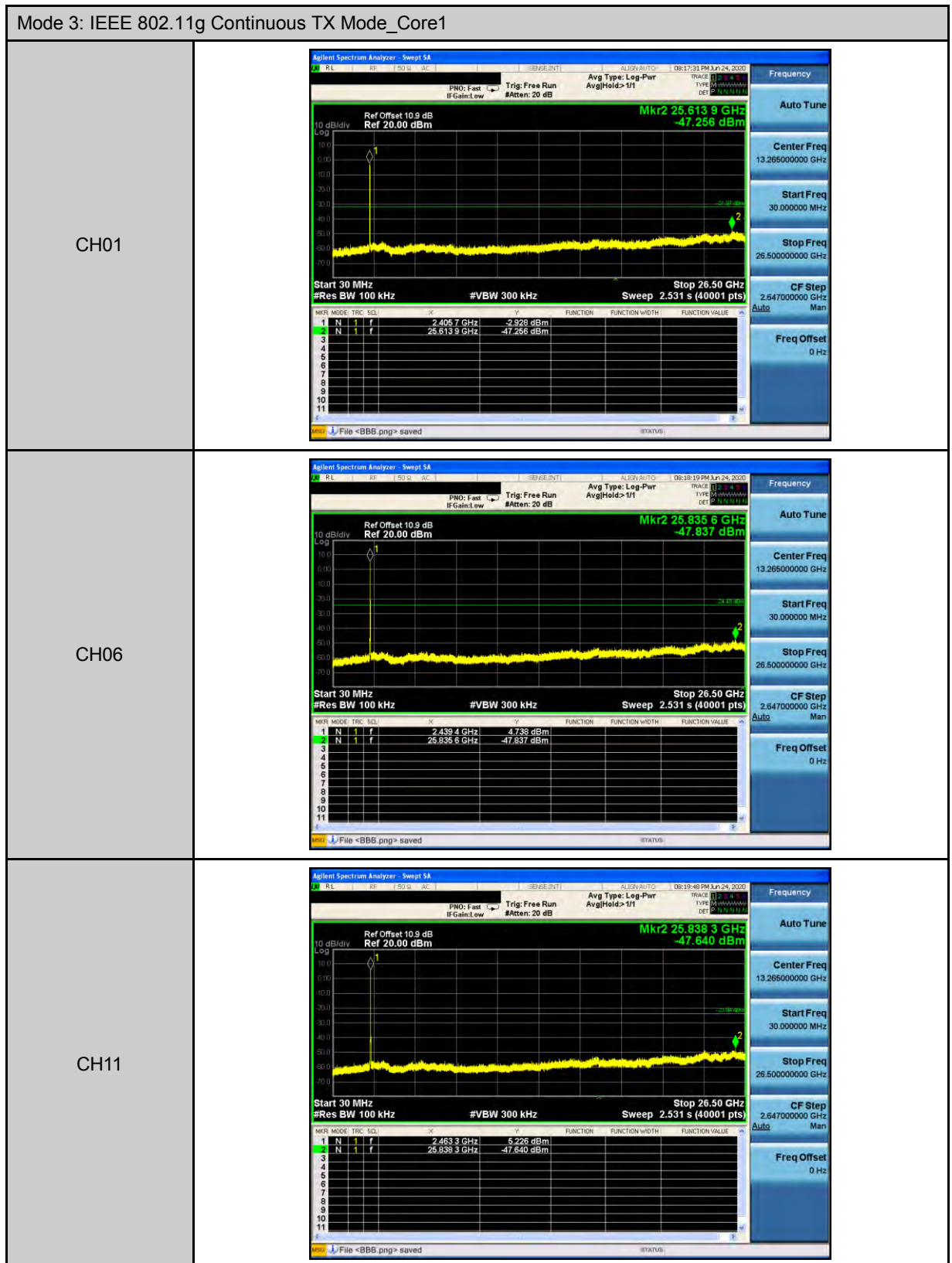


CH06



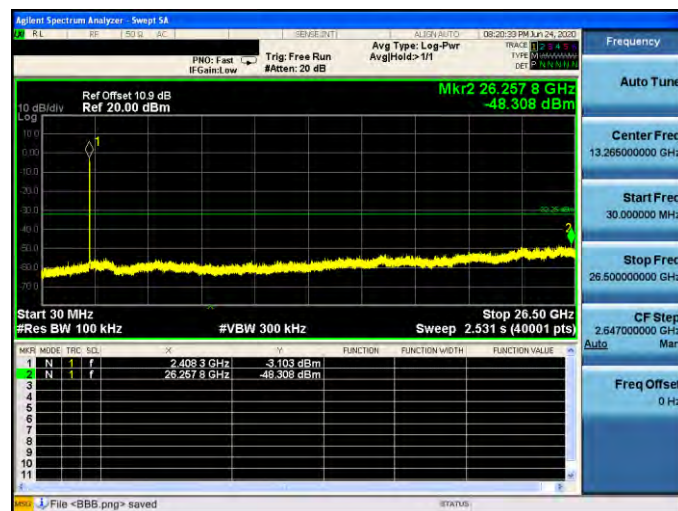
CH09



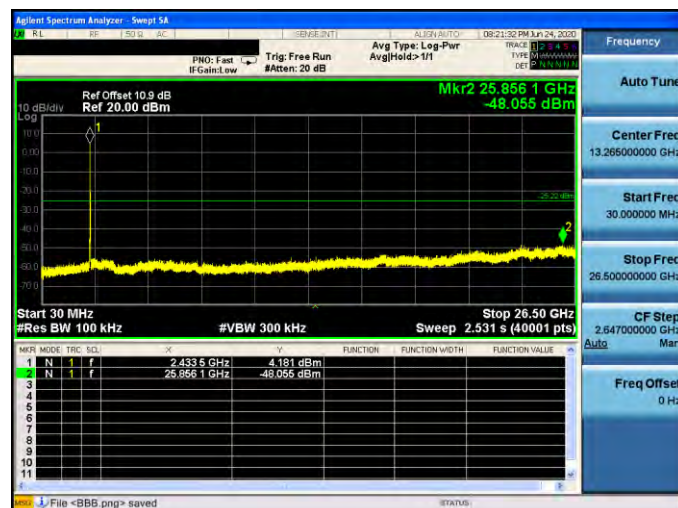


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_Core1

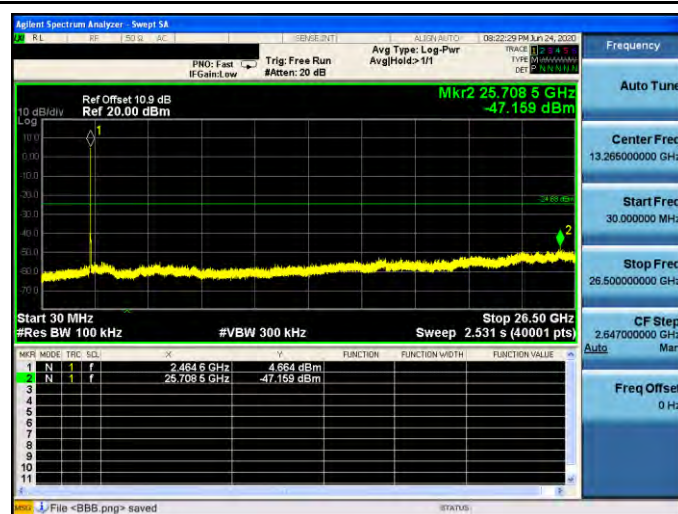
CH01



CH06

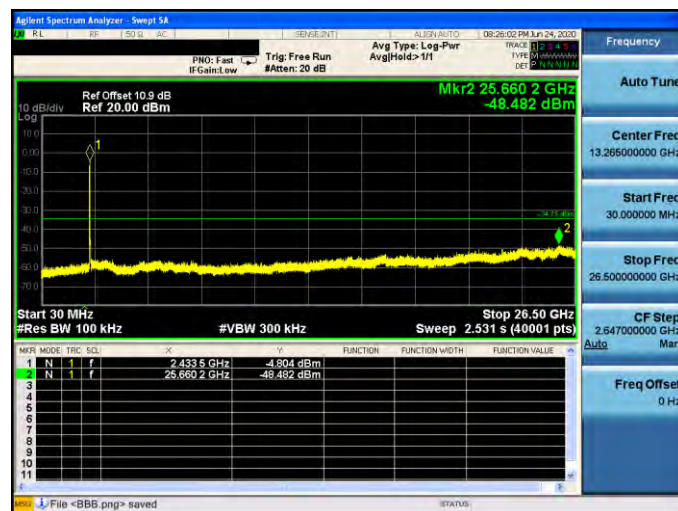


CH11

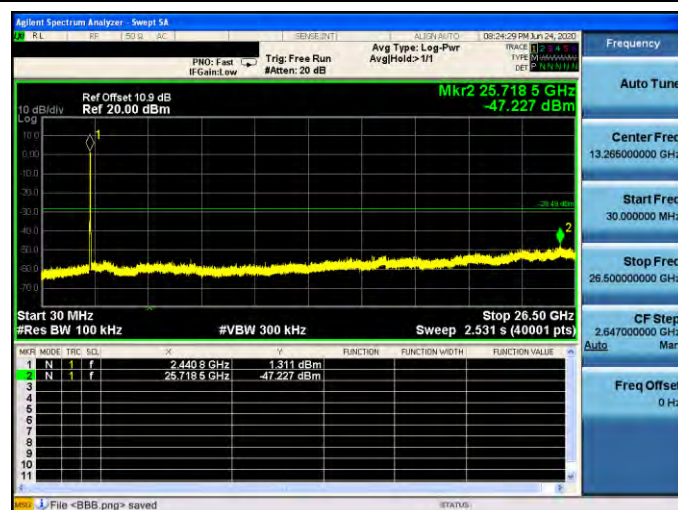


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_Core1

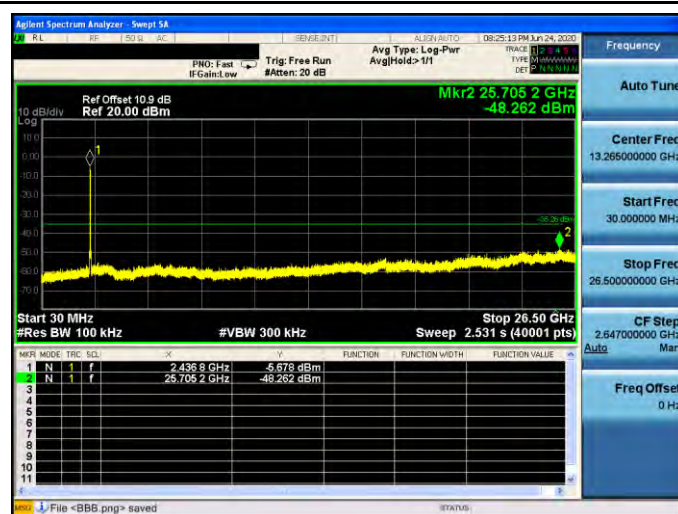
CH03



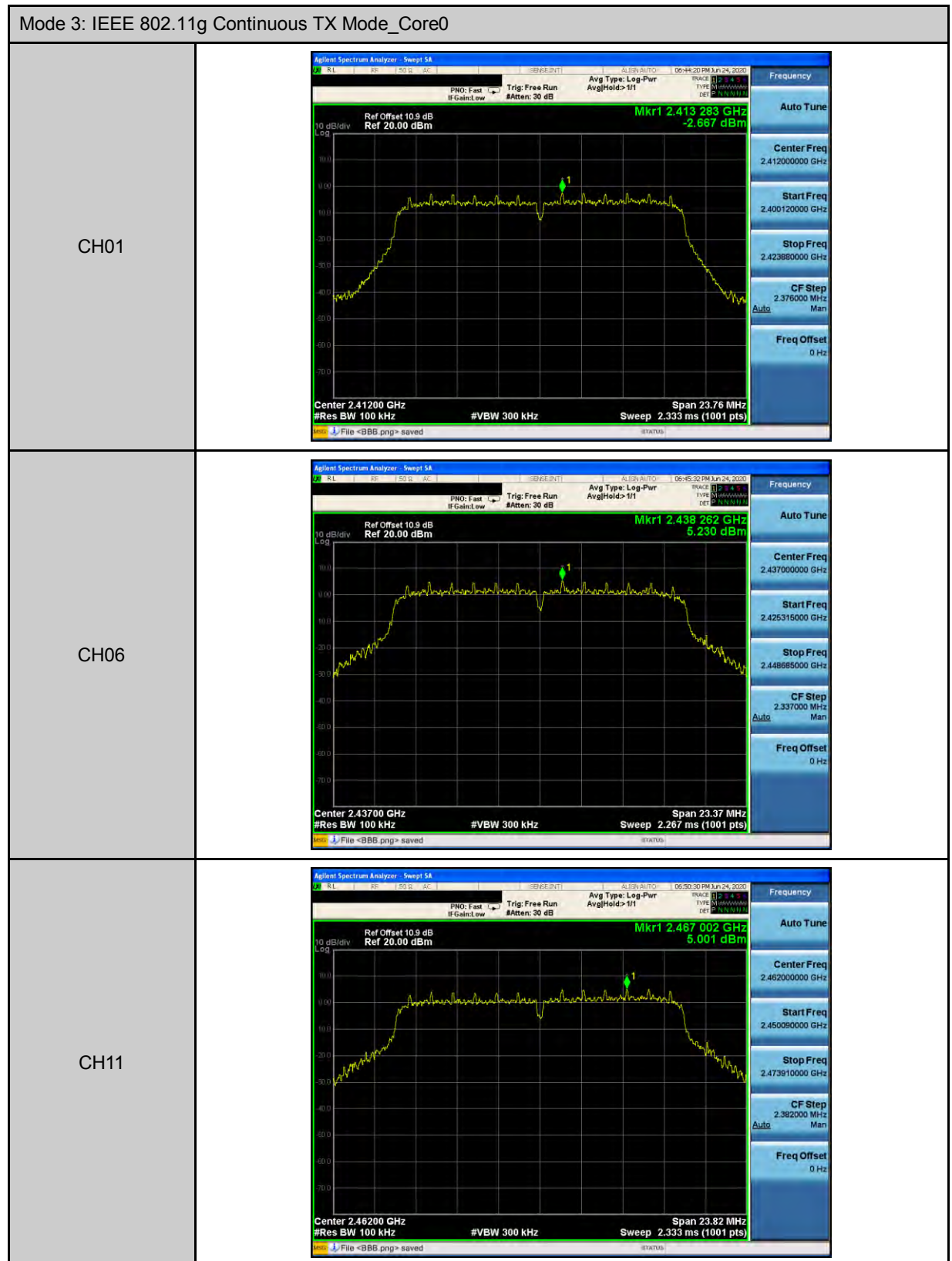
CH06

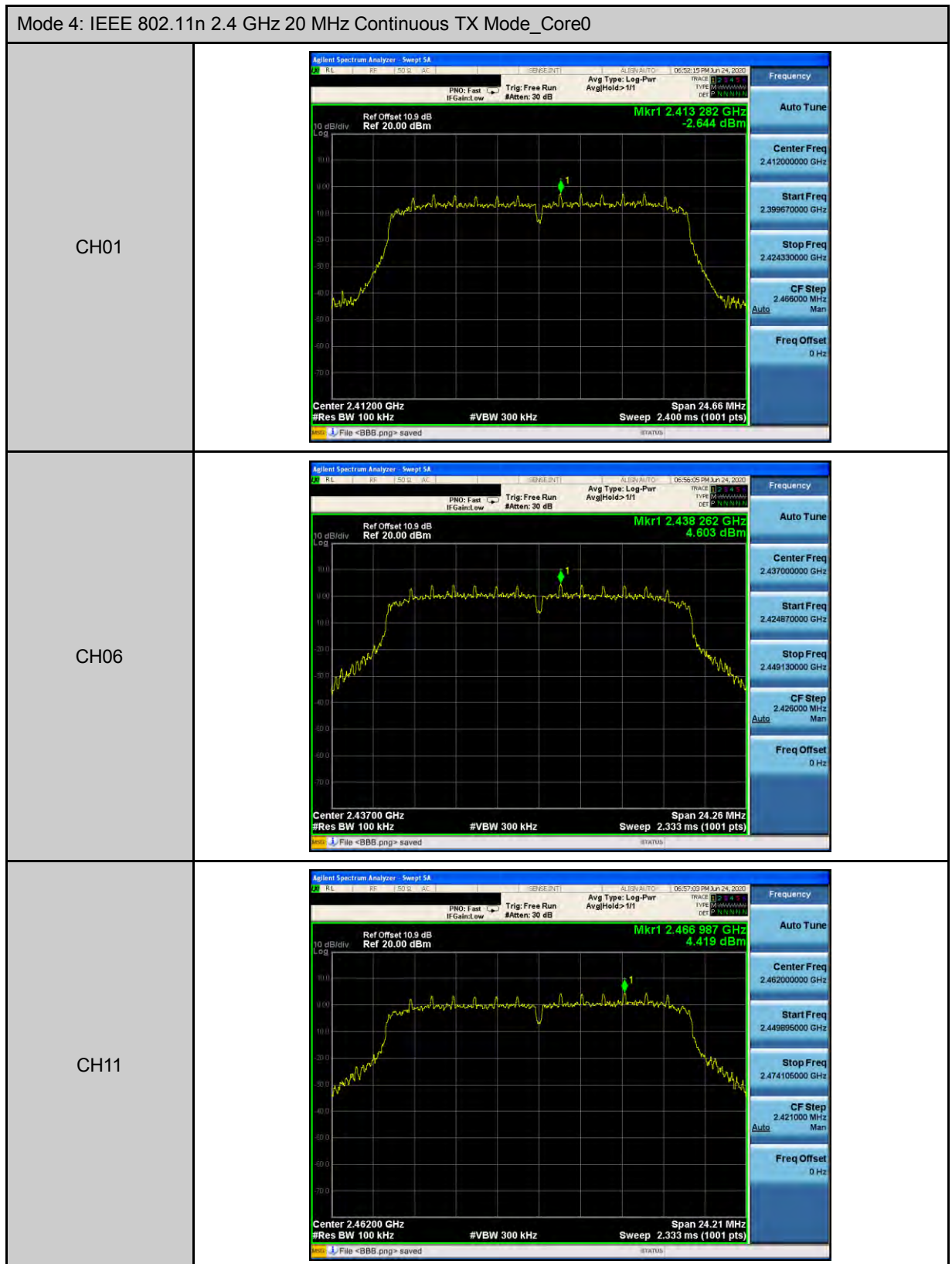


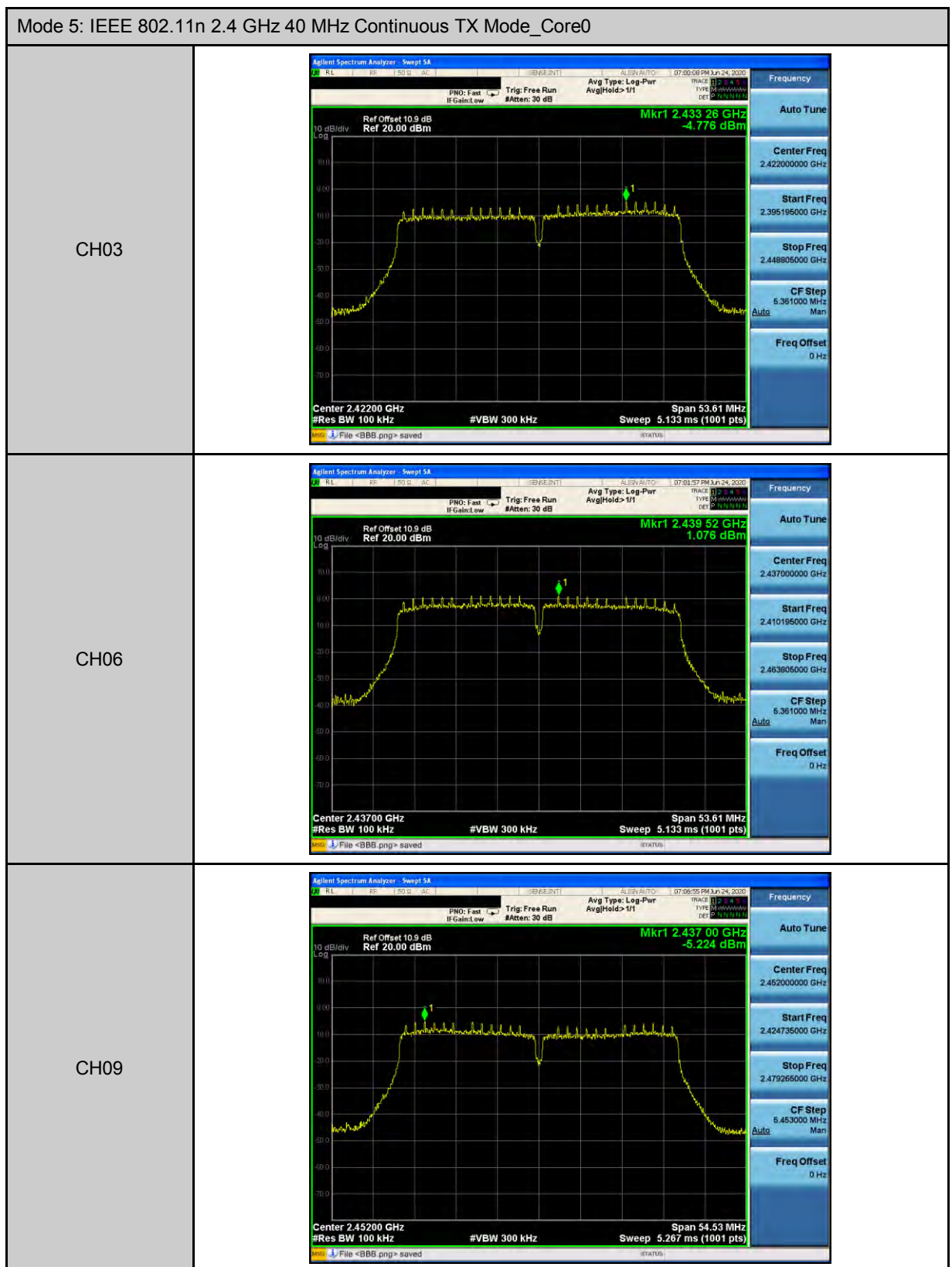
CH09

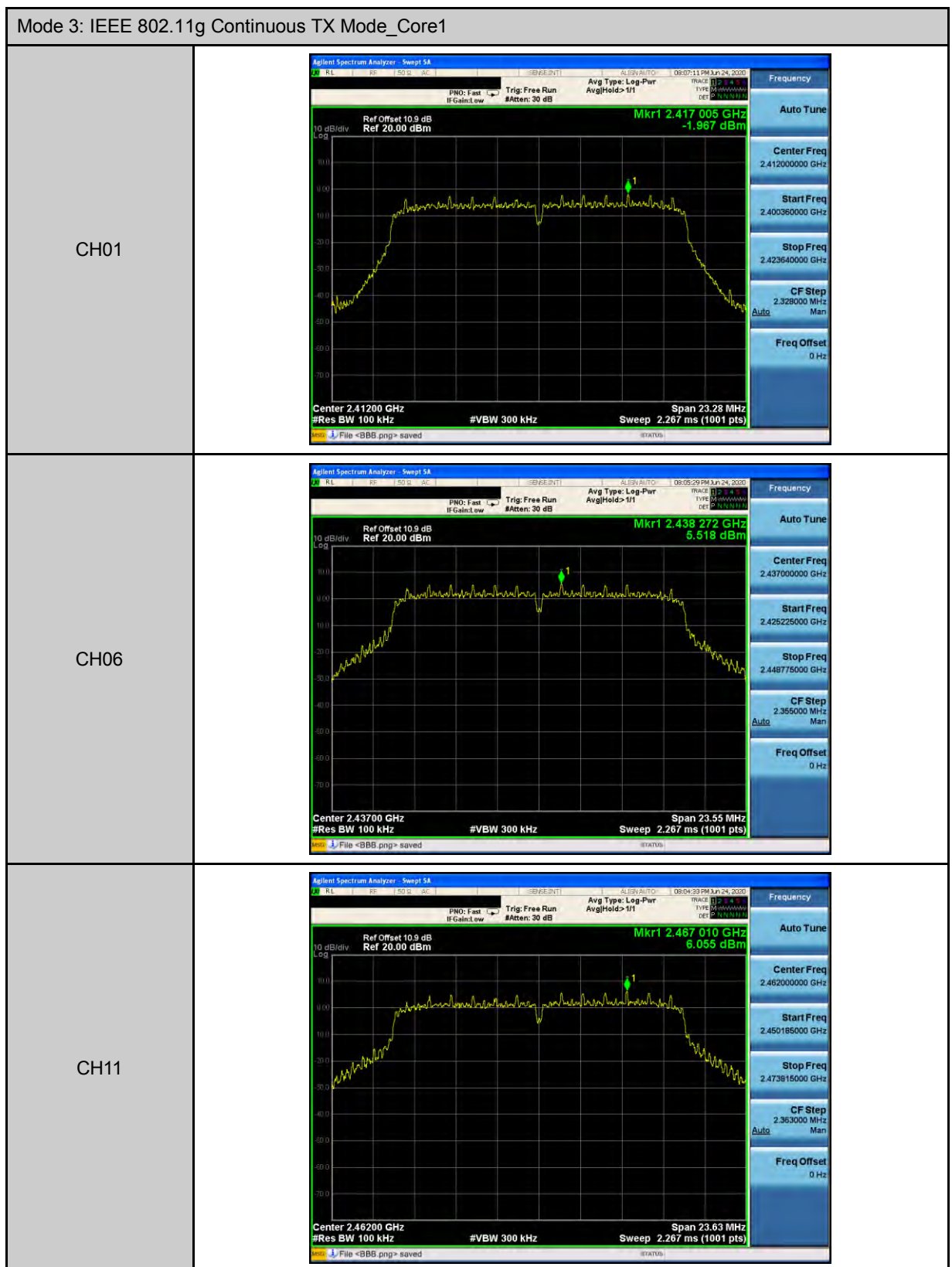


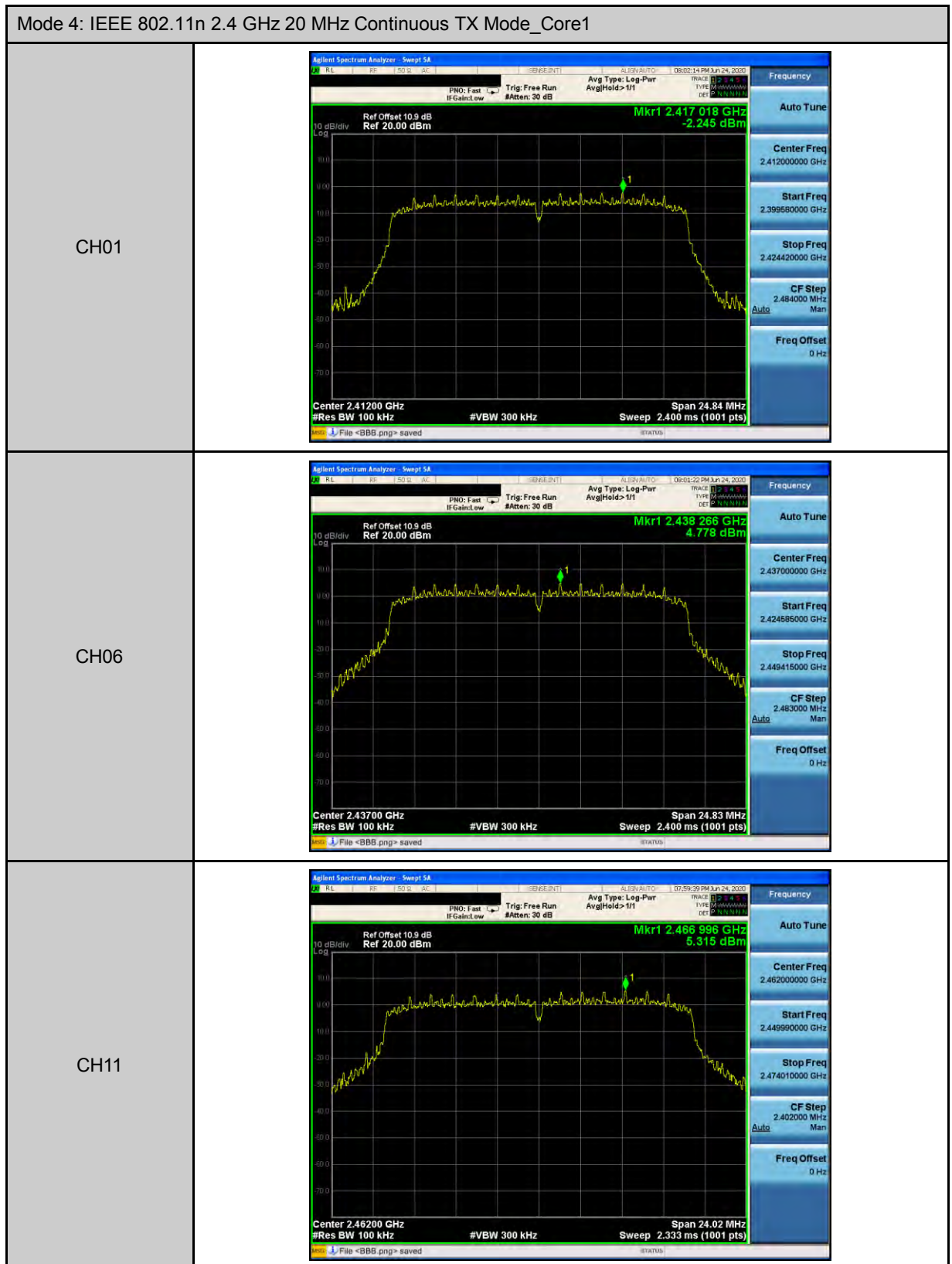
Reference level

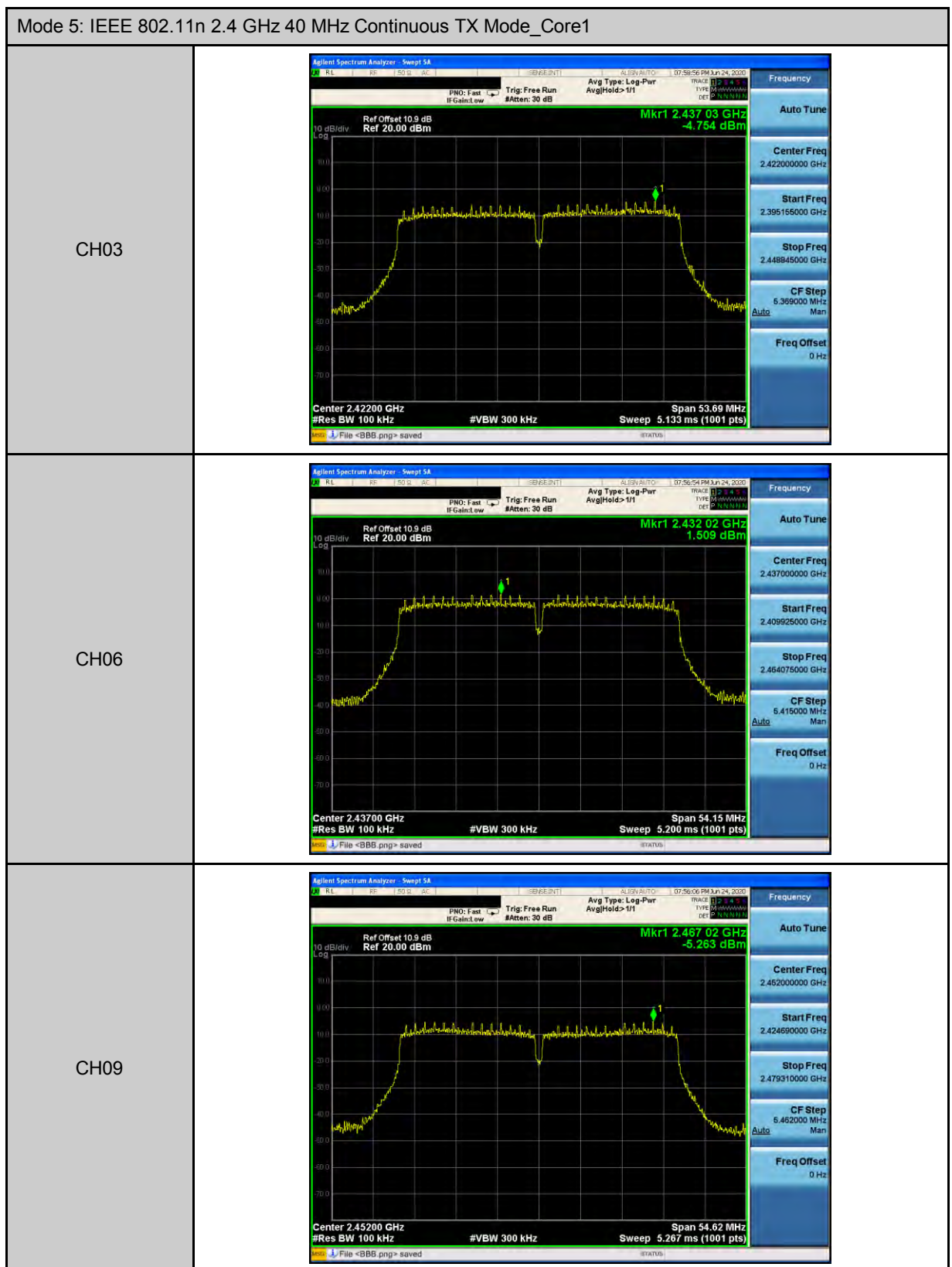








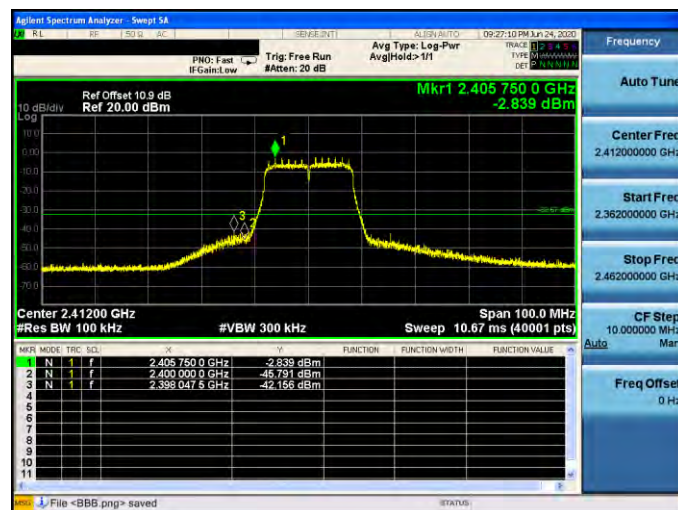




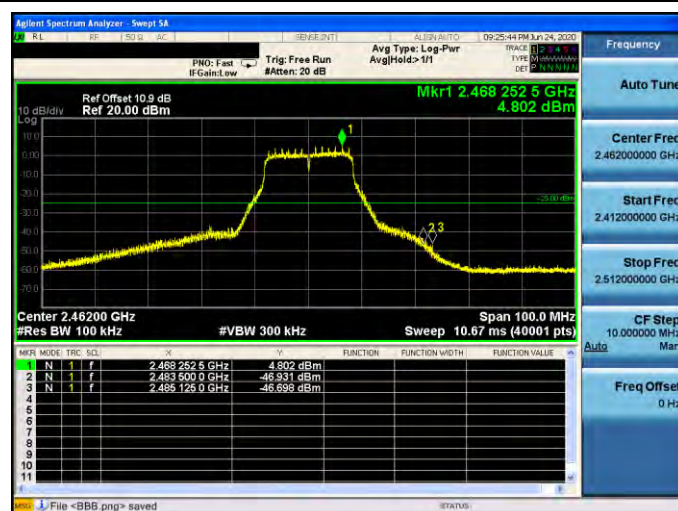
Conducted Band Edge

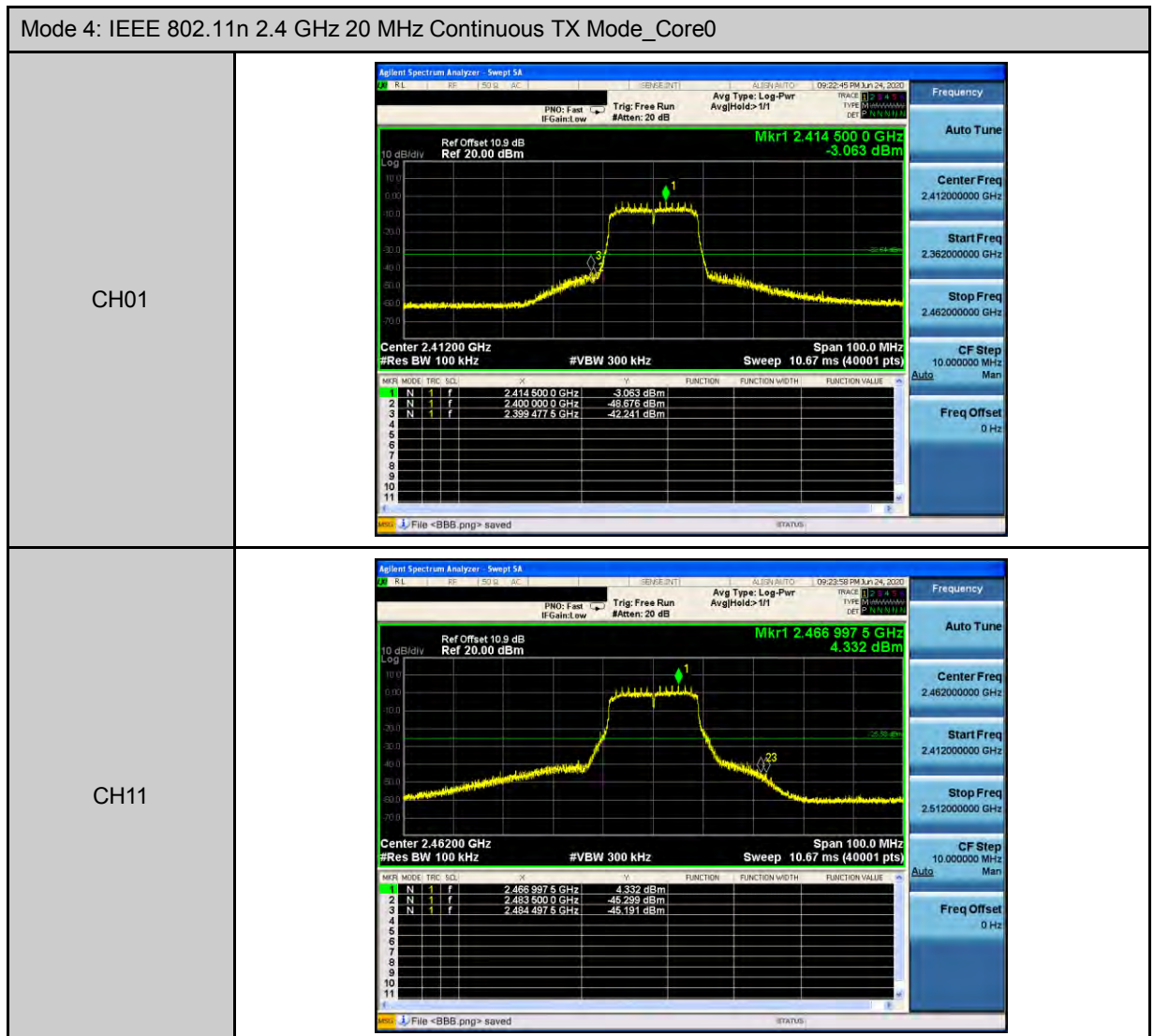
Mode 3: IEEE 802.11g Continuous TX Mode_Core0

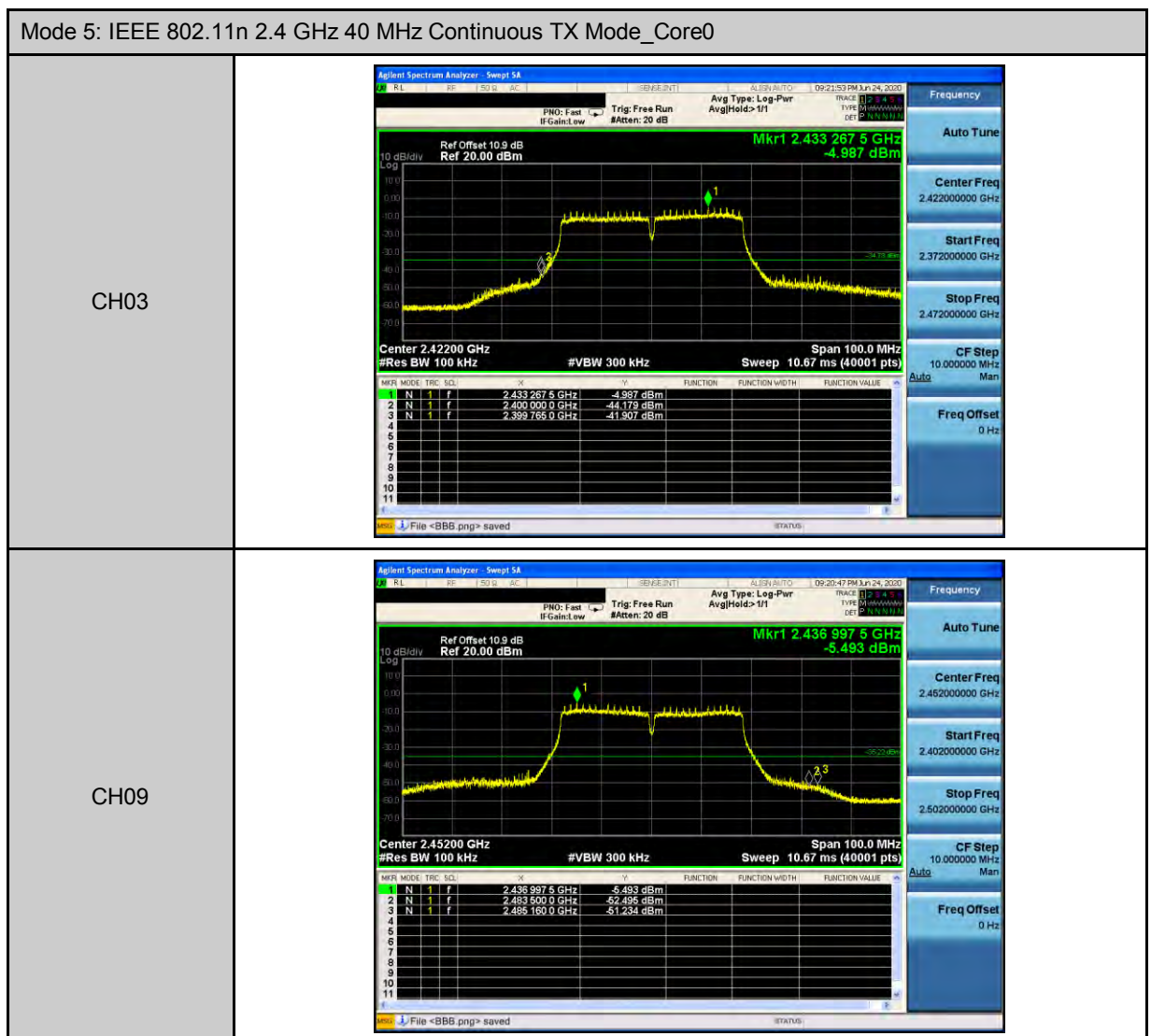
CH01

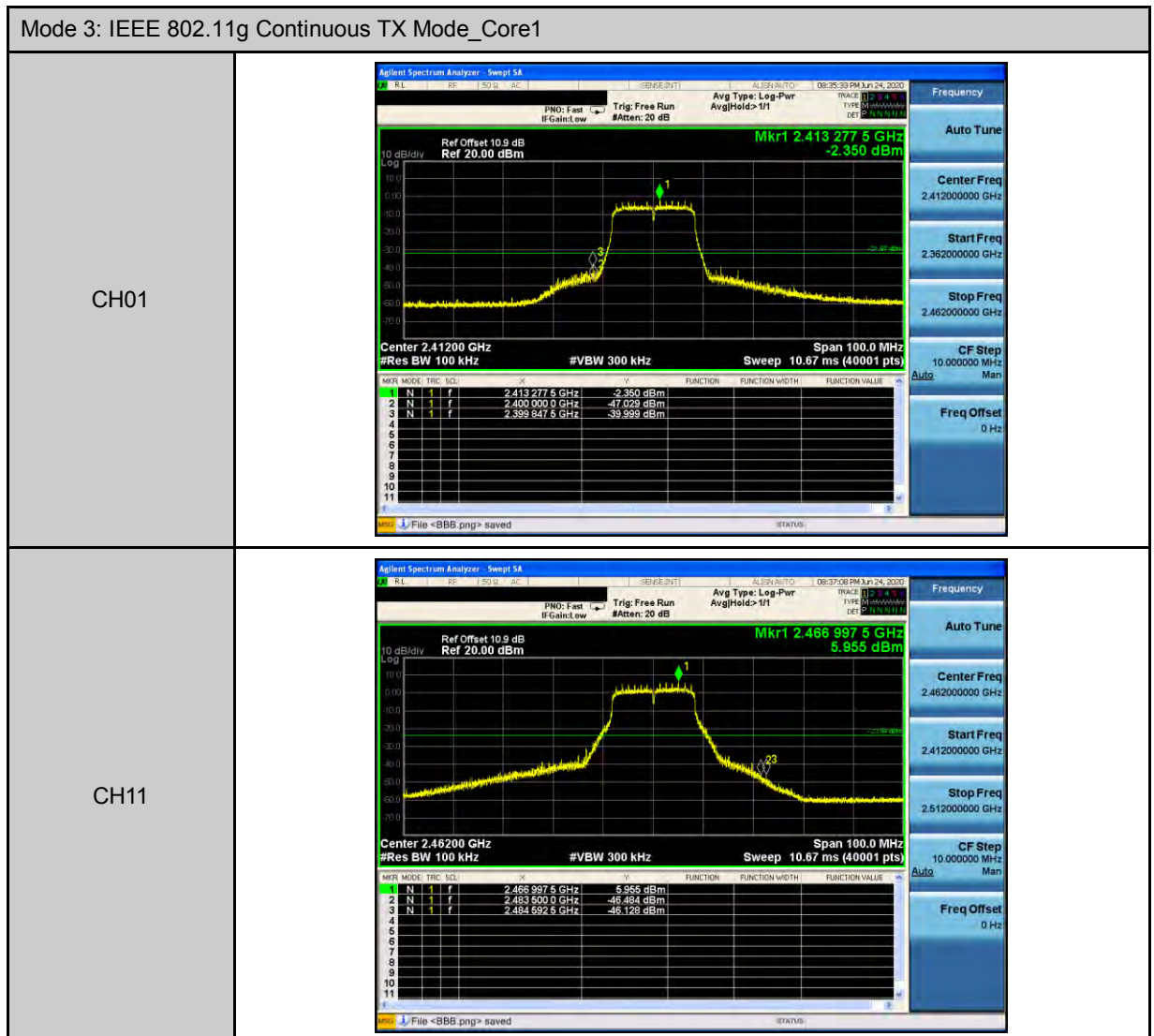


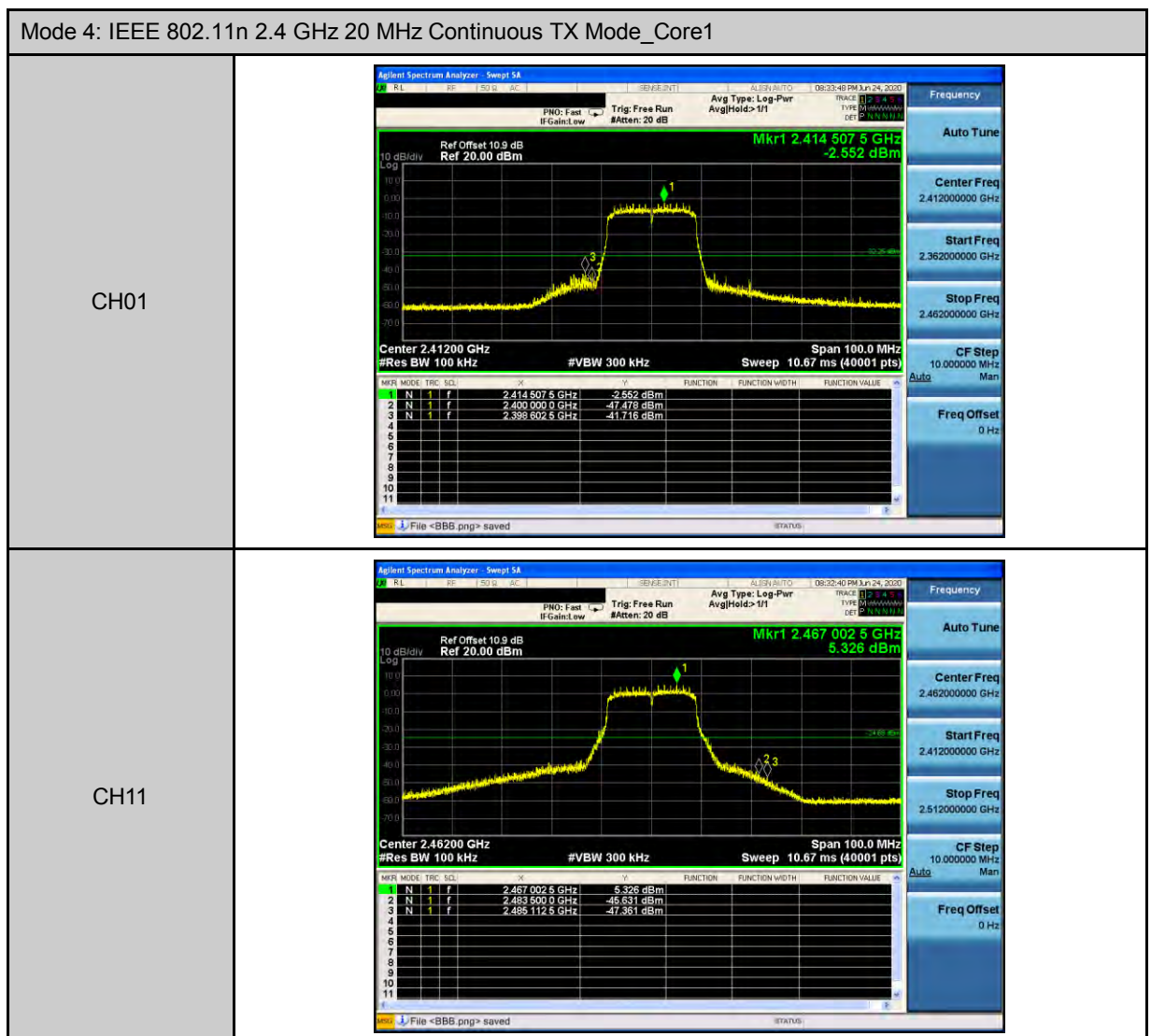
CH11











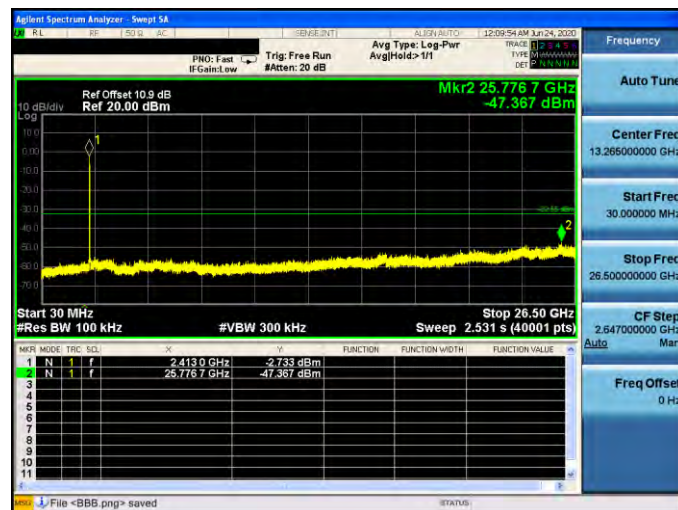


Core0 + Core1 TAS

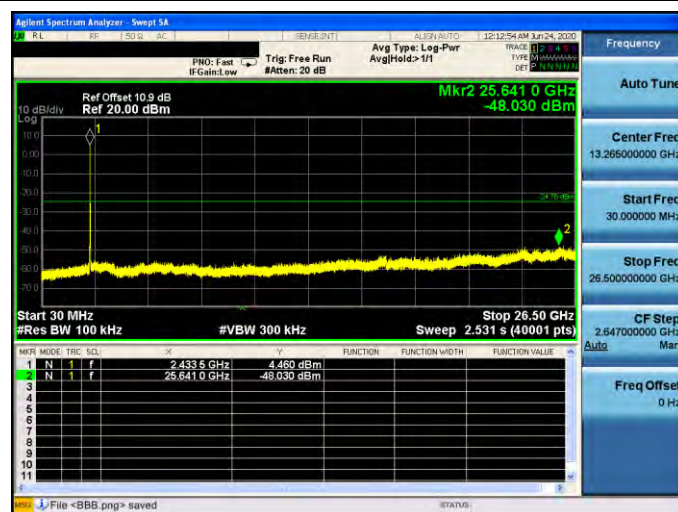
Out of Band Conducted Spurious Emission

Mode 3: IEEE 802.11g Continuous TX Mode_Core0

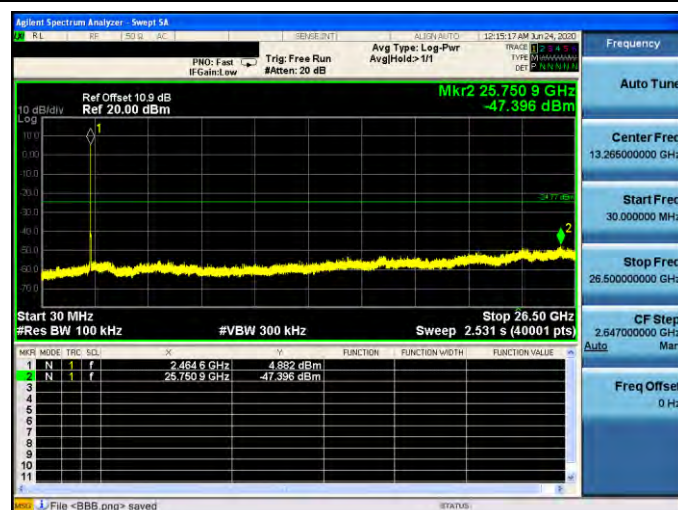
CH01

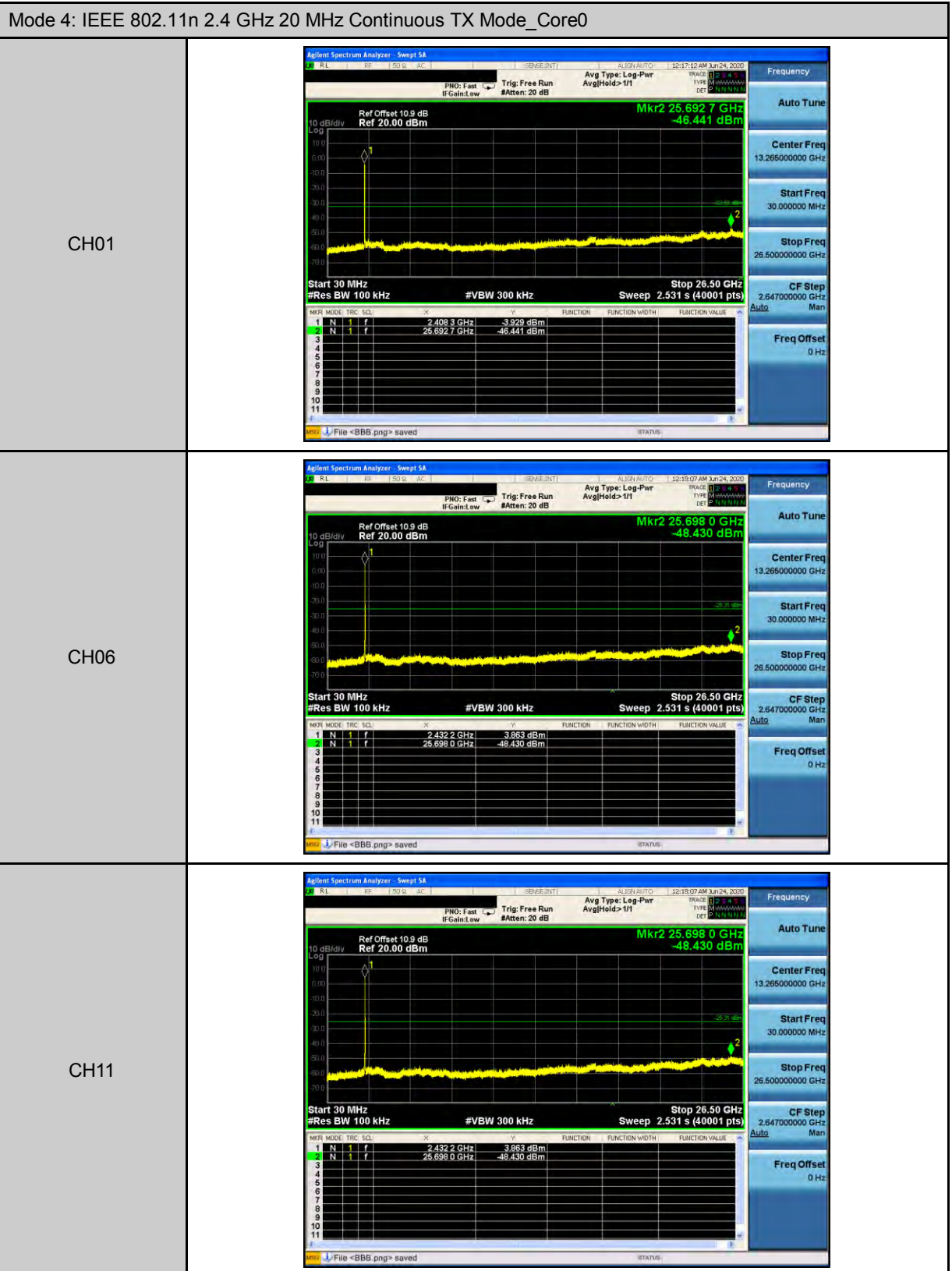


CH06



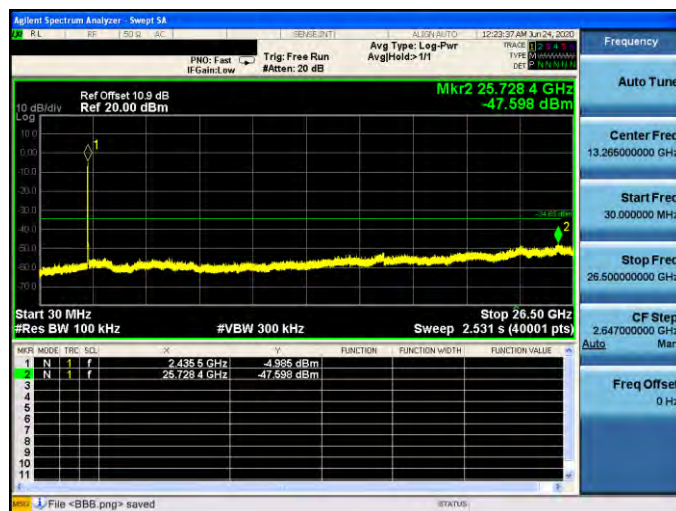
CH11



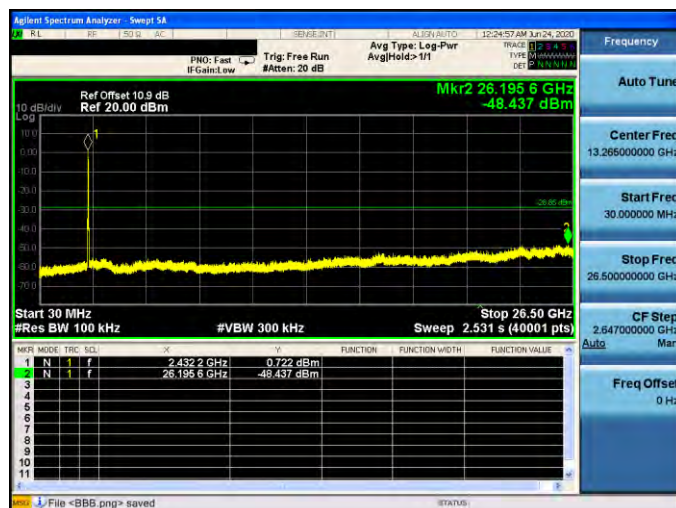


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_Core0

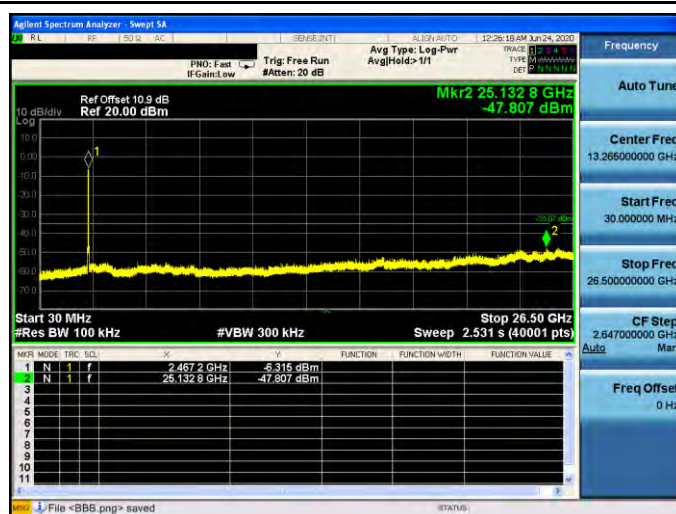
CH03



CH06

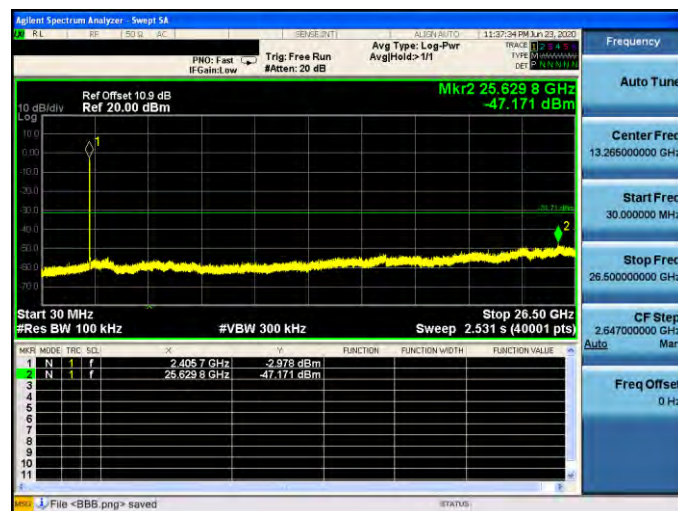


CH09

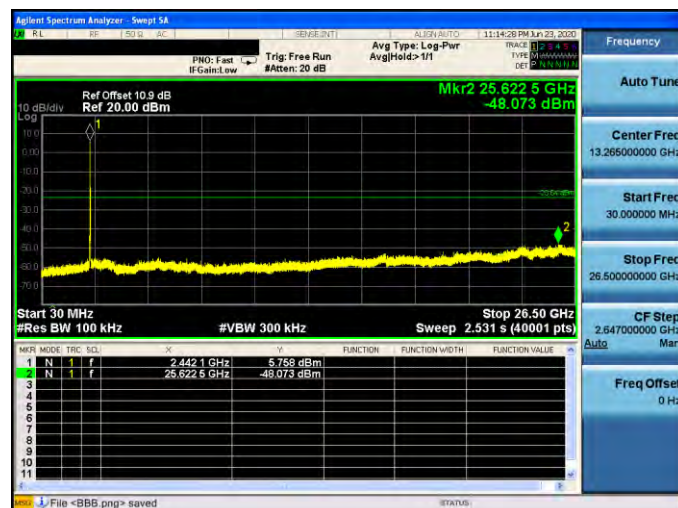


Mode 3: IEEE 802.11g Continuous TX Mode_Core1

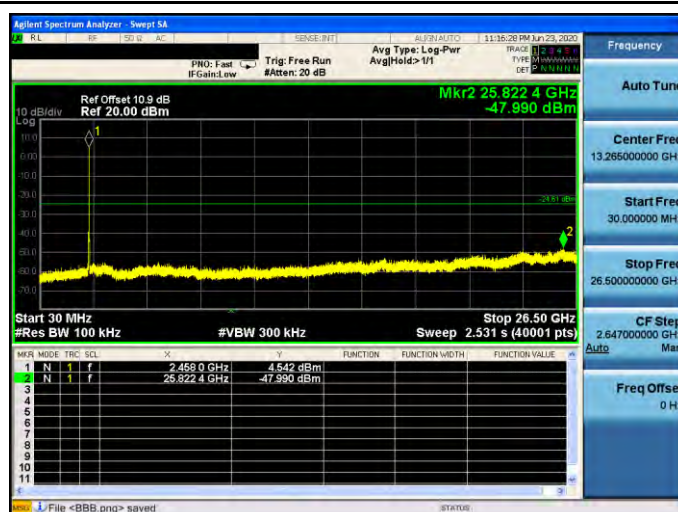
CH01



CH06

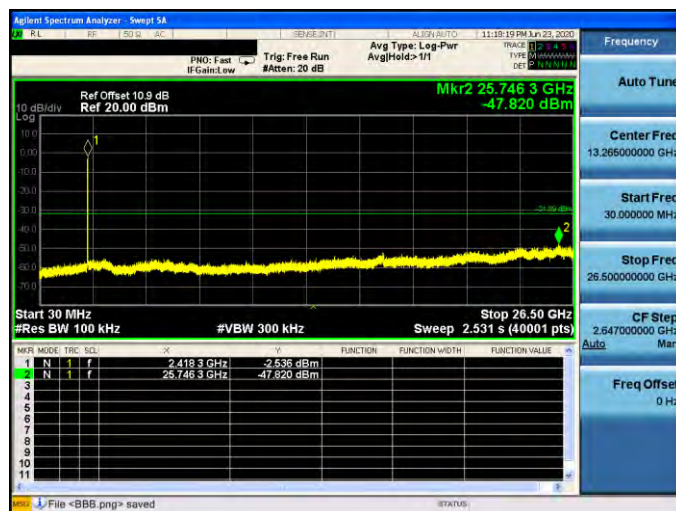


CH11

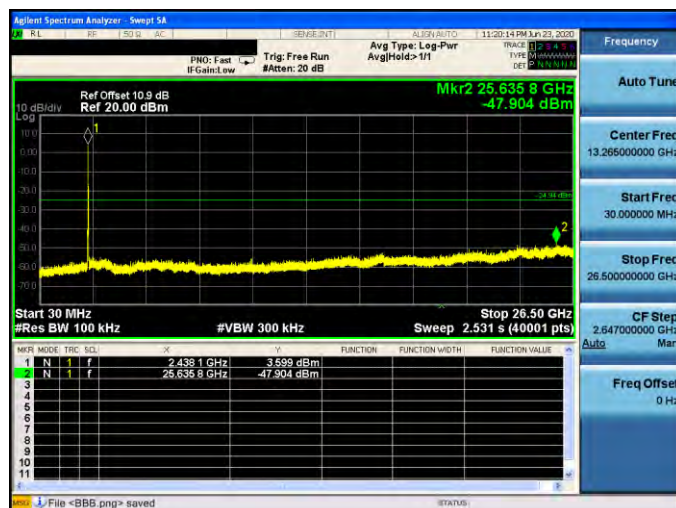


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_Core1

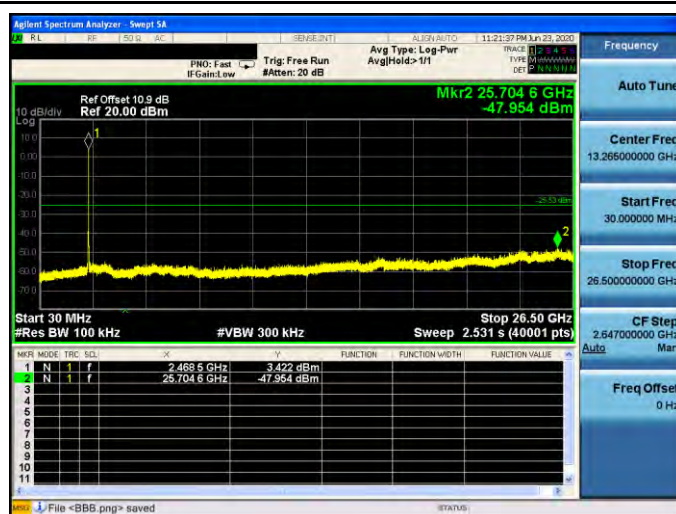
CH01



CH06



CH11





Reference level

Mode 3: IEEE 802.11g Continuous TX Mode_Core0	
CH01	 Agilent Spectrum Analyzer - Swept SA Ref Offset 10.3 dB Ref 20.00 dBm Mkr1 2.413 285 GHz -2.546 dBm Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.333 ms (1001 pts) Frequency Auto Tune Center Freq 2.41200000 GHz Start Freq 2.400105000 GHz Stop Freq 2.423895000 GHz CF Step 2.379000 MHz Auto Freq Offset 0 Hz
CH06	 Agilent Spectrum Analyzer - Swept SA Ref Offset 10.3 dB Ref 20.00 dBm Mkr1 2.438 270 GHz 5.241 dBm Center 2.43700 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.267 ms (1001 pts) Frequency Auto Tune Center Freq 2.43700000 GHz Start Freq 2.425455000 GHz Stop Freq 2.448545000 GHz CF Step 2.309000 MHz Auto Freq Offset 0 Hz
CH11	 Agilent Spectrum Analyzer - Swept SA Ref Offset 10.3 dB Ref 20.00 dBm Mkr1 2.467 007 GHz 5.230 dBm Center 2.46200 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.267 ms (1001 pts) Frequency Auto Tune Center Freq 2.46200000 GHz Start Freq 2.450410000 GHz Stop Freq 2.473590000 GHz CF Step 2.318000 MHz Auto Freq Offset 0 Hz

