



晶復科技股份有限公司

A Test Lab Techno Corp.

低功率射頻器材試驗報告

報告編號 2012DR19

版本(Rev.) 01

產品名稱 會議電視終端 Videoconferencing Endpoint

申請廠商 訊嵐技術有限公司

廠牌 HUAWEI

型式 (號) HUAWEI Box 600

系列型式 (號) HUAWEI Box 300

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

報告發行日期 109 年 12 月 29 日

填發本型式認可報告之試驗機構 (認可代號)

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認證編號 : 1330

認證有效期間 : 108.09.06 ~ 111.09.05

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



免責聲明

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

版本 (Rev.)	發行日期	修訂內容	修訂者
00	109 年 12 月 22 日	初版發行	鄭安蓁
01	109 年 12 月 29 日	更新 1.1 章節(P.6) 更新 2.2 章節(P.9~P.10) 更新 2.3 章節(P.12) 更新電波暴露量之評估(P.198) 更新 Internal Photo	鄭安蓁

低功率射頻器材測試證明書

產品名稱：會議電視終端 Videoconferencing Endpoint

廠牌：HUAWEI

型號：HUAWEI Box 600

系列型號：HUAWEI Box 300

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, Guangdong, 518129, P.R.China.

待測物電壓：AC 100-240 V, 50/60 Hz, 1.5 A

試驗電壓：110 Vac, 60 Hz

量測規範：低功率射頻器材技術規範(LP0002) 109年7月1日

試驗實驗室：晶復科技股份有限公司(桃園市八德區長安街140-1號)

樣品接受日期：109 年 07 月 17 日

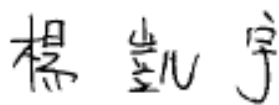
試驗日期：109 年 10 月 28日 ~ 109 年 11 月 12 日

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

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

特此證明！

審核者：



(楊 凱 宇)

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1. 一般敘述

1.1 待測設備一般敘述

本敘述僅針對產品簡單說明之，其他詳細之規格請參考使用說明書。

產 品 名 稱	會議電視終端 Videoconferencing Endpoint				
廠 牌	HUAWEI				
型 號	HUAWEI Box 600				
系 列 型 號	HUAWEI Box 300				
額 定 電 源	AC 100-240 V, 50/60 Hz, 1.5 A				
調 變 方 式	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n 2.4 GHz 20 MHz / 40 MHz: OFDM IEEE 802.11a U-NII Band: OFDM IEEE 802.11n 5 GHz 20 MHz / 40 MHz U-NII Band: OFDM IEEE 802.11ac 20 MHz / 40 MHz U-NII Band: OFDM *此產品之不具有動態選擇(DFS)之雷達偵測功能 (Client without radar detection function)				
頻 率 使 用 範 圍	Mode				Frequency Range (MHz)
	IEEE 802.11b / IEEE 802.11g / IEEE 802.11n 2.4 GHz 20 MHz				2412 – 2462
	IEEE 802.11n 2.4 GHz 40 MHz				2422 – 2452
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band I IEEE 802.11ac 20 MHz U-NII Band I				5180 – 5240
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I IEEE 802.11ac 40 MHz U-NII Band I				5190 – 5230
天 線 資 訊	Antenna	廠牌	型號	型態	增益值(dBi)
					2.4 GHz 5 GHz
	ANT-0	Shenglu	SL10002B	Metal Antenna	4.92 4.81
	ANT-1	Shenglu	SL10002B	Metal Antenna	4.61 5.38
RF 最大輸出功率	Mode			Power	
	IEEE 802.11b			20.03 dBm	0.101 W
	IEEE 802.11g			24.96 dBm	0.313 W
	IEEE 802.11n 2.4 GHz 20 MHz			25.01 dBm	0.317 W
	IEEE 802.11n 2.4 GHz 40 MHz			22.73 dBm	0.187 W
	IEEE 802.11a U-NII Band I			21.23 dBm	0.133 W
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I			21.11 dBm	0.129 W
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I			17.02 dBm	0.050 W
	IEEE 802.11ac 20 MHz U-NII Band I			21.16 dBm	0.131 W
	IEEE 802.11ac 40 MHz U-NII Band I			17.06 dBm	0.051 W

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	AUDIO INPUT Port (RCA 介面)	1	連接至 Notebook
2	AUDIO INPUT Port (麥克風介面)	1	此 Port 無功能，使用軟體關閉
3	AUDIO OUTPUT Port	2	連接至喇叭(L) x 2, (R) x 2
4	HD-AI Port	1	此 Port 無功能，使用軟體關閉
5	HDMI OUTPUT Port	3	連接至液晶螢幕
6	HDMI INPUT Port	3	連接至 Notebook/桌上型電腦
7	HT-RX Port	1	此 Port 無功能，使用軟體關閉
8	USB STD-A Port	2	連接至 HDD
9	TOUCH Port	1	連接至會議觸控屏 Touch
10	COM Port	2	此 Port 無功能，使用軟體關閉
11	LAN Port	2	連接至 AP
12	DC Power Port	1	連接至交流電源
Note：HDMI OUTPUT Port 僅能同時使用 2 組，驗證 HDMI OUTPUT Port 1+2 及 HDMI OUTPUT Port 1+3 (HDMI OUTPUT Port 2+3 無法使用)，結果為 HDMI OUTPUT Port 1+2 為 Worst。			

附屬裝置表：

裝置名稱	廠牌	型號	備註
會議觸控屏 Touch	HUAWEI	HUAWEI Touch	---
HDMI cable	惠州匯聚	D141095-01	Shielded, 3 m
Common network cable	HUAWEI	04070006 VD	Non-Shielded, 3 m
Touch network cable	Comlink	A0603913039-A	Non-Shielded, 10 m
分離式電源線組 (Power cable)	番禺電纜	PD-042	Non-Shielded, 3 m
HDMI to DVI cable	匯聚科技	D150208-01	Non-Shielded, 2 m

1.2 其他相關聲明

本測試報告屬(以下選擇一種打■)

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

系列機型、機型版別之差異說明

原機型 廠牌/型號	系列機型 廠牌/型號	差異敘述
HUAWEI / HUAWEI Box 600	HUAWEI / HUAWEI Box 300	因市場銷售需求，主型號與系列型號差異為系列型號移除兩個 HDMI 介面，其餘電路設計、印刷電路板等等並無變更。 測試結果說明： 工程評估主型號與系列型號差異需驗證電源線傳導干擾及場強輻射(1 GHz 以下)，結果主型號為 Worst，因此僅呈現主型號完整測試數據，系列型號沿用主型號數據。

2. 量測儀器及測試配置說明

2.1 量測設備

For Conducted

Test Period: Oct. 29 ~ Oct. 30, 2020

測試者: 劉展志

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer (10 Hz~26.5 GHz)	KEYSIGHT	N9010B	MY59071418	03/17/2020	1 year
Power Sensor	Anritsu	MA2411B	1126022	09/01/2020	1 year
Power Meter	Anritsu	ML2495A	1135009	09/01/2020	1 year

For Conducted Emission

Test Period: Nov. 05, 2020

測試者: 邱孝儒

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

For Radiated Emissions

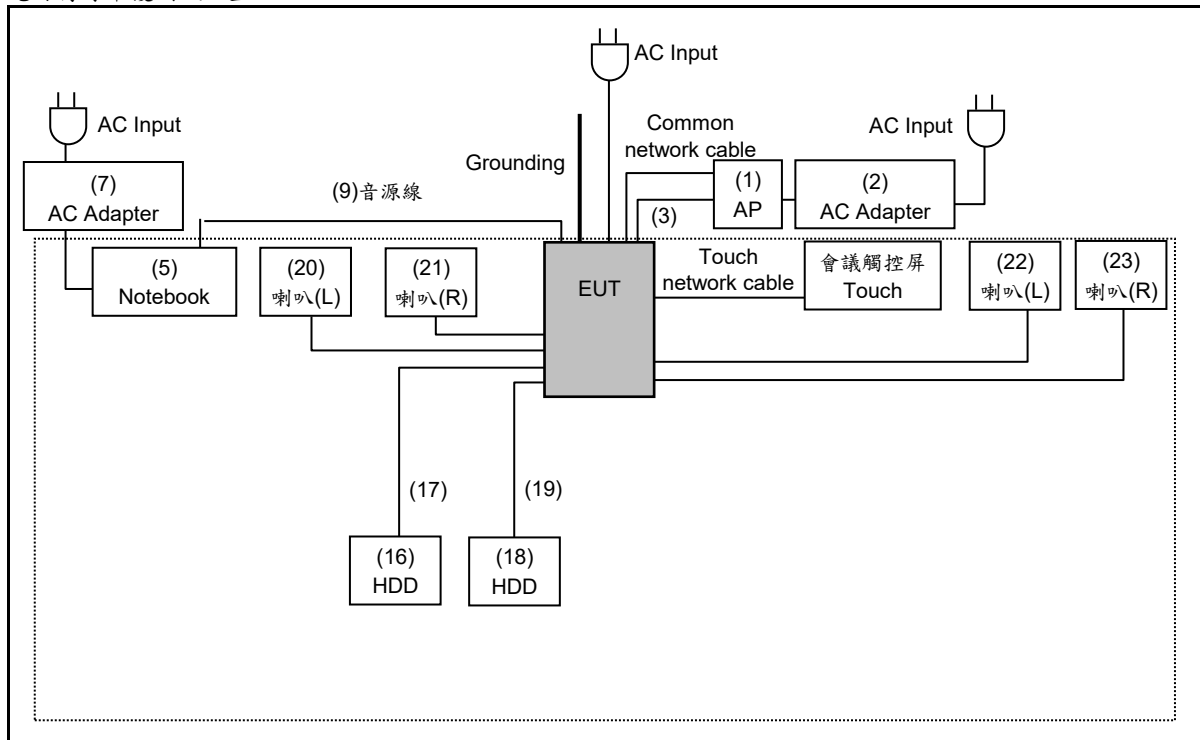
Test Period: Oct. 28 ~ Nov. 12, 2020

測試者: 劉彥聖, 廖經雄

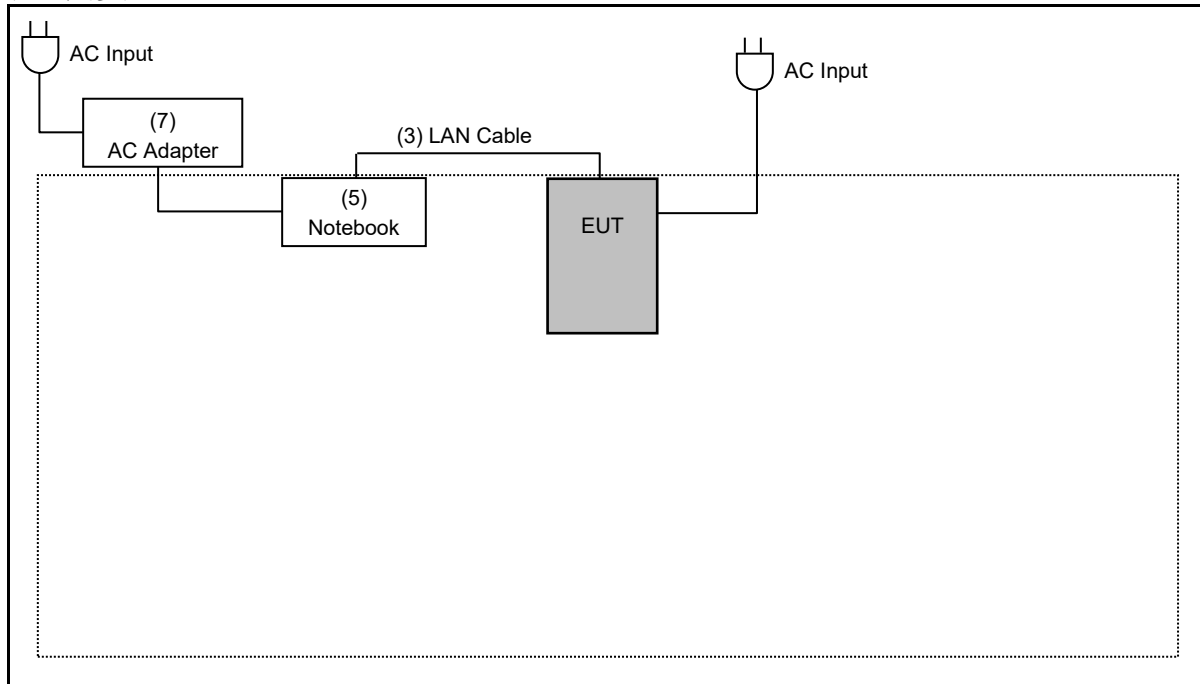
名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer	Keysight	N9030B	MY57143537	04/14/2020	1 year
Amplifier	Titan	T0912E01263025A1F	002	07/23/2020	1 year
Amplifier	Agilent	8447D	2944A11119	01/15/2020	1 year
Preamplifier	EMCI	EMC2654045	980028	08/24/2020	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	01146	07/03/2020	1 year
天線(1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	02207	06/30/2020	1 year
天線(18~40 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	08/18/2020	1 year

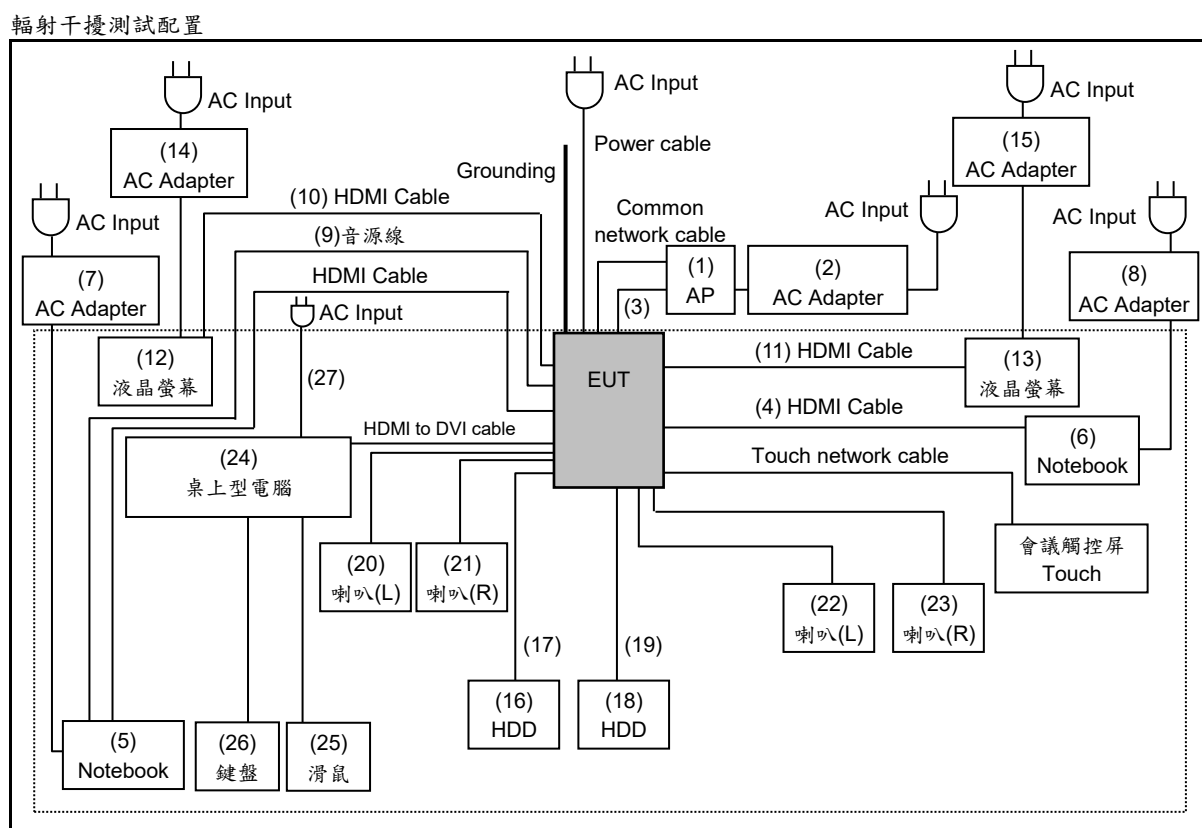
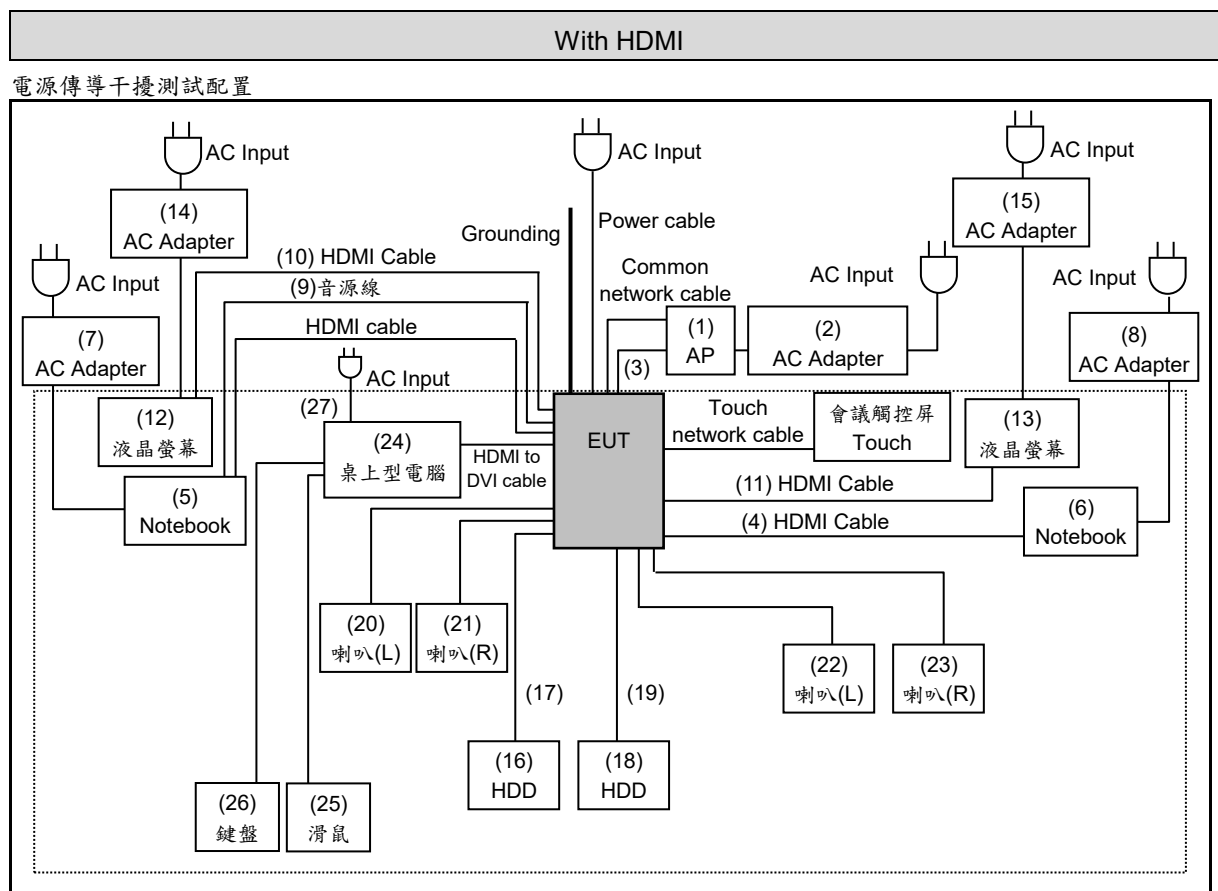
2.2 檢驗系統示意圖

電源傳導干擾測試配置



輻射干擾測試配置





2.3 輔助測試之週邊設備描述

下列輔助設備或配件為測試中所使用，以形成一個代表性的受測系統。

週邊名稱		廠 牌	型 號	序 號	電源線	備 註
(1)	AP	ASUS	RT-AX88U	FCC : MSQ-RTAXHP00	---	(實驗室提供)
(2)	AC Adapter	ASUS	ADP-45BW B	---	---	Input : 100-240 VAC, 1.2 A, 50-60 Hz Output : DC 19 V, 2.37 A (實驗室提供)
(3)	LAN Cable	HUAWEI	UL2464	---	---	規格：RJ45 to RJ45 長度：1.5 m (實驗室提供)
(4)	HDMI Cable	Avier	K48GHS	---	---	規格：HDMI to HDMI 長度：1.7 m (實驗室提供)
(5)	Notebook	ASUS	P1448U	K7NXCVC10P8732 9A	---	(實驗室提供)
(6)	Notebook	ASUS	P1448U	K7NXCVC10P8452 92	---	(實驗室提供)
(7)	AC Adapter	ASUS	EXA1203YH	---	Non-Shielded, 0.8 m	Input : 100-240 VAC, 50/60 Hz, 1.2 A Output : DC 19 V, 3.42 A (實驗室提供)
(8)	AC Adapter	ASUS	ADP-65GD D	---	Non-Shielded, 0.8 m	Input : 100-240 VAC, 50/60 Hz, 1.5 A Output : DC 19 V, 3.42 A (實驗室提供)
(9)	音源線	A-HUNG	A-HUNG	---	---	規格：3.5 mm to AV 端子 長度：1.8 m (實驗室提供)
(10)	HDMI Cable	Avier	K48GHS	---	---	規格：HDMI to HDMI 長度：1.7 m (實驗室提供)
(11)	HDMI Cable	Avier	K48GHS	---	---	規格：HDMI to HDMI 長度：1.7 m (實驗室提供)
(12)	液晶螢幕	ASUS	MX27U	J3LMRS00013	---	(實驗室提供)
(13)	液晶螢幕	ASUS	MX27U	J3LMRS00036	---	(實驗室提供)
(14)	AC Adapter	ASUS	ADP-65GD B	---	Non-Shielded, 0.8 m	Input : 100-240 VAC, 50/60 Hz, 1.5 A Output : DC 19 V, 3.42 A (實驗室提供)
(15)	AC Adapter	ASUS	ADP-65GD B	---	Non-Shielded, 0.8 m	Input : 100-240 VAC, 50/60 Hz, 1.5 A Output : DC 19 V, 3.42 A (實驗室提供)
(16)	HDD	Transend	TS1TSJ25A3 K-RU	E40246-0205	---	(實驗室提供)
(17)	USB Cable	Transend	TS1TSJ25A3 K-RU	E40246-0205	---	規格：STD-A to USB 3.0 Micro Type B 長度：0.46 m (實驗室提供)
(18)	HDD	Transend	TS1TSJ25A3 K-RU	E40246-0210	---	(實驗室提供)
(19)	USB Cable	Transend	TS1TSJ25A3 K-RU	E40246-0210	---	規格：STD-A to USB 3.0 Micro Type B 長度：0.46 m (實驗室提供)
(20)	喇叭(L)	羅技	Z560	---	---	(實驗室提供)

週邊名稱		廠 牌	型 號	序 號	電源線	備 註
(21)	喇叭(R)	羅技	Z560	---	---	(實驗室提供)
(22)	喇叭(L)	羅技	Z560	---	---	(實驗室提供)
(23)	喇叭(R)	羅技	Z560	---	---	(實驗室提供)
(24)	桌上型電腦	DELL	OptiPlex 9020 MT	---	---	(實驗室提供)
(25)	滑鼠	DELL	MOCZUL	---	---	(實驗室提供)
(26)	鍵盤	DELL	KB4021	---	---	(實驗室提供)
(27)	Power Core	I-SHENG	ATL-001	---	---	規格：SP-301 to IS-14, 15 A, 125 長度：1.8 m (實驗室提供)

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

測試組合：

EUT Configure Mode	CE	RE<1G	RE $\geq$ 1G	備註
開關電源(SWITCHING POWER SUPPLY)	V	V	V	
會議觸控屏 Touch	V	---	---	
HDMI cable	---	---	---	
Common network cable	V	---	---	
Touch network cable	V	---	---	
分離式電源線組(Power cable)	V	V	V	
HDMI to DVI cable	---	---	---	
COM port cable	---	---	---	
AP	V	---	---	測試週邊(1)
AC Adapter	V	---	---	測試週邊(2)
LAN Cable	V	V	V	測試週邊(3) Test mode使用
HDMI Cable	---	---	---	測試週邊(4)
Notebook	V	V	V	測試週邊(5) Test mode使用
Notebook	---	---	---	測試週邊(6)
AC Adapter	V	V	V	測試週邊(7) Test mode使用
AC Adapter	---	---	---	測試週邊(8)
音源線	V	---	---	測試週邊(9)
HDMI Cable	---	---	---	測試週邊(10)
HDMI Cable	---	---	---	測試週邊(11)
液晶螢幕	---	---	---	測試週邊(12)
液晶螢幕	---	---	---	測試週邊(13)
AC Adapter	---	---	---	測試週邊(14)
AC Adapter	---	---	---	測試週邊(15)
HDD	V	---	---	測試週邊(16)
USB Cable	V	---	---	測試週邊(17)
HDD	V	---	---	測試週邊(18)
USB Cable	V	---	---	測試週邊(19)
喇叭(L)	V	---	---	測試週邊(20)
喇叭(R)	V	---	---	測試週邊(21)
喇叭(L)	V	---	---	測試週邊(22)
喇叭(R)	V	---	---	測試週邊(23)
接地線	V	---	---	測試週邊(24)
桌上型電腦	---	---	---	測試週邊(25)
滑鼠	---	---	---	測試週邊(26)
鍵盤	---	---	---	測試週邊(27)
Power Core	---	---	---	測試週邊(28)

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

RE<1 GHz : Radiated Emission below 1 GHz

CE : Conducted Emission

V : Final mode

X : Non support

--- : No evaluation required

Blank Space : Pre-test mode

With HDMI

EUT Configure Mode	CE	RE<1G	RE $\geq$ 1G	備註
開關電源(SWITCHING POWER SUPPLY)	V	V	V	
會議觸控屏Touch	V	V	V	
HDMI cable	V	V	V	
Common network cable	V	V	V	
Touch network cable	V	V	V	
分離式電源線組(Power cable)	V	V	V	
HDMI to DVI cable	V	V	V	
COM port cable	V	V	V	
AP	V	V	V	測試週邊(1)
AC Adapter	V	V	V	測試週邊(2)
LAN Cable	V	V	V	測試週邊(3)
HDMI Cable	V	V	V	測試週邊(4)
Notebook	V	V	V	測試週邊(5)
Notebook	V	V	V	測試週邊(6)
AC Adapter	V	V	V	測試週邊(7)
AC Adapter	V	V	V	測試週邊(8)
音源線	V	V	V	測試週邊(9)
HDMI Cable	V	V	V	測試週邊(10)
HDMI Cable	V	V	V	測試週邊(11)
液晶螢幕	V	V	V	測試週邊(12)
液晶螢幕	V	V	V	測試週邊(13)
AC Adapter	V	V	V	測試週邊(14)
AC Adapter	V	V	V	測試週邊(15)
HDD	V	V	V	測試週邊(16)
USB Cable	V	V	V	測試週邊(17)
HDD	V	V	V	測試週邊(18)
USB Cable	V	V	V	測試週邊(19)
喇叭(L)	V	V	V	測試週邊(20)
喇叭(R)	V	V	V	測試週邊(21)
喇叭(L)	V	V	V	測試週邊(22)
喇叭(R)	V	V	V	測試週邊(23)
接地線	V	V	V	測試週邊(24)
桌上型電腦	V	V	V	測試週邊(25)
滑鼠	V	V	V	測試週邊(26)
鍵盤	V	V	V	測試週邊(27)
Power Core	V	V	V	測試週邊(28)

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

RE<1 GHz : Radiated Emission below 1 GHz

CE : Conducted Emission

V : Final mode

X : Non support

--- : No evaluation required

Blank Space : Pre-test mode

2.4 測試軟體版本

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

2.5 測試模式

使用定頻模式量測

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

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

Note 1: 2.4 GHz Conducted Worst 為 ANT-1, Radiated Emission Worst 為 ANT-0 ; 5 GHz Worst 為 ANT-1 。

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

Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 2	2412	43.0	43.0	CMD
	2437	42.0	42.0	
	2462	43.0	43.0	
Mode 3	2412	45.0	45.0	
	2437	58.0	58.0	
	2462	45.0	45.0	
Mode 4	2412	43.0	43.0	
	2437	58.0	58.0	
	2462	44.0	44.0	
Mode 5	2422	41.0	41.0	
	2437	45.0	45.0	
	2452	41.0	41.0	
Mode 6	5180	51	51	CMD
	5200	64	64	
	5220	64	64	
	5240	54	54	
Mode 7	5180	51	51	
	5200	64	64	
	5220	64	64	
	5240	54	54	
Mode 8	5190	40	40	
	5230	52	52	
Mode 9	5180	51	51	
	5200	64	64	
	5220	64	64	
	5240	54	54	
Mode 10	5190	40	40	
	5230	52	52	

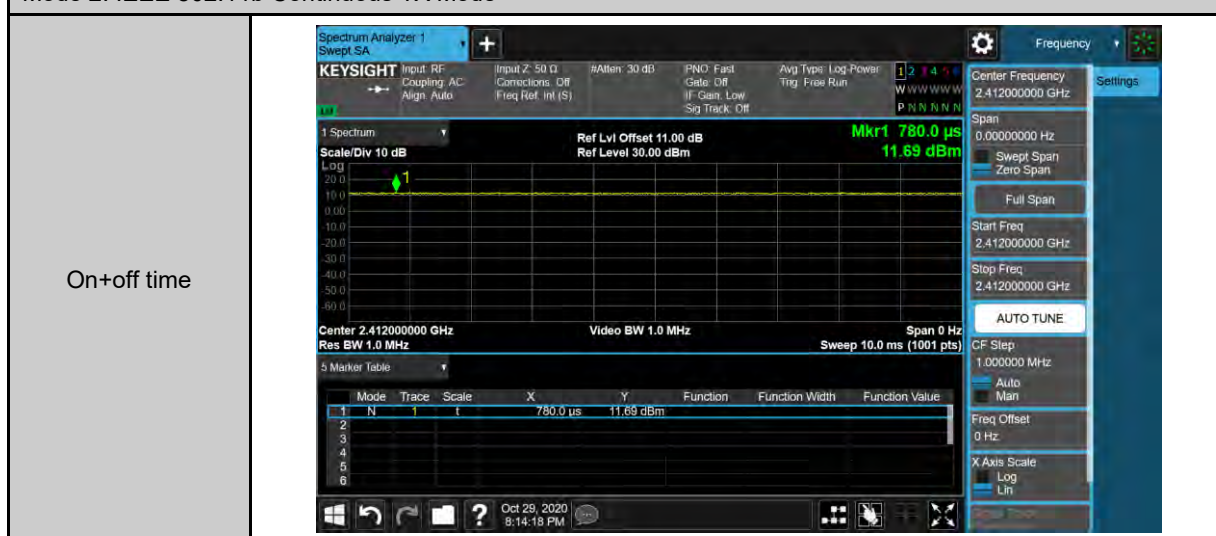
Test Mode	ANT-0	ANT-1	ANT-0+1
Mode 2	V	V	---
Mode 3	V	V	---
Mode 4	V	V	---
Mode 5	V	V	---
Mode 6	V	V	---
Mode 7	V	V	---
Mode 8	V	V	---
Mode 9	V	V	---
Mode 10	V	V	---

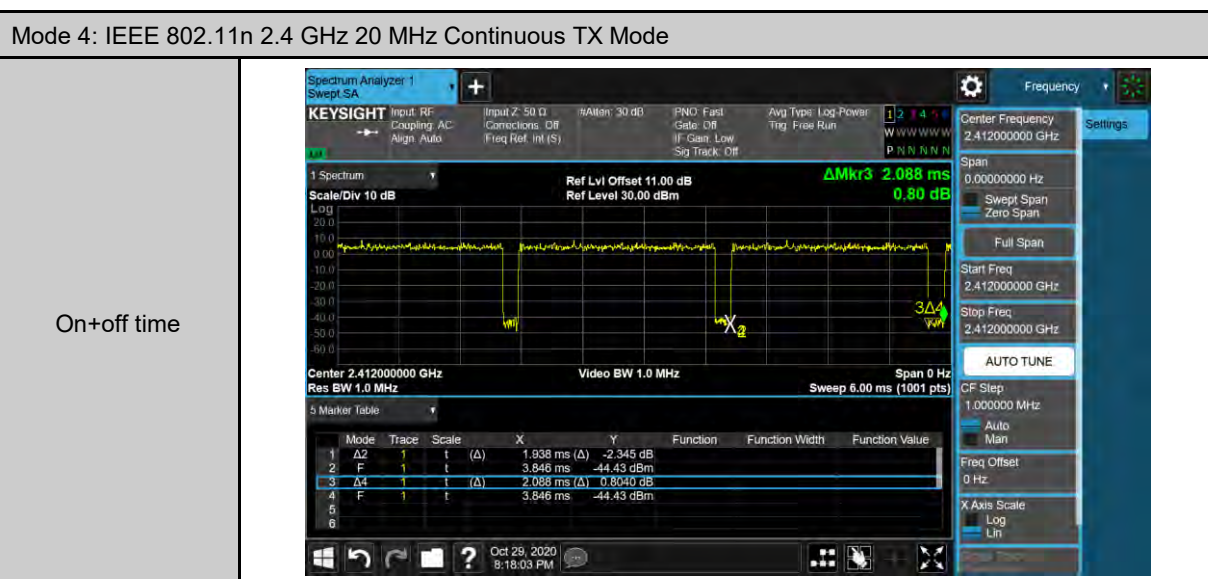
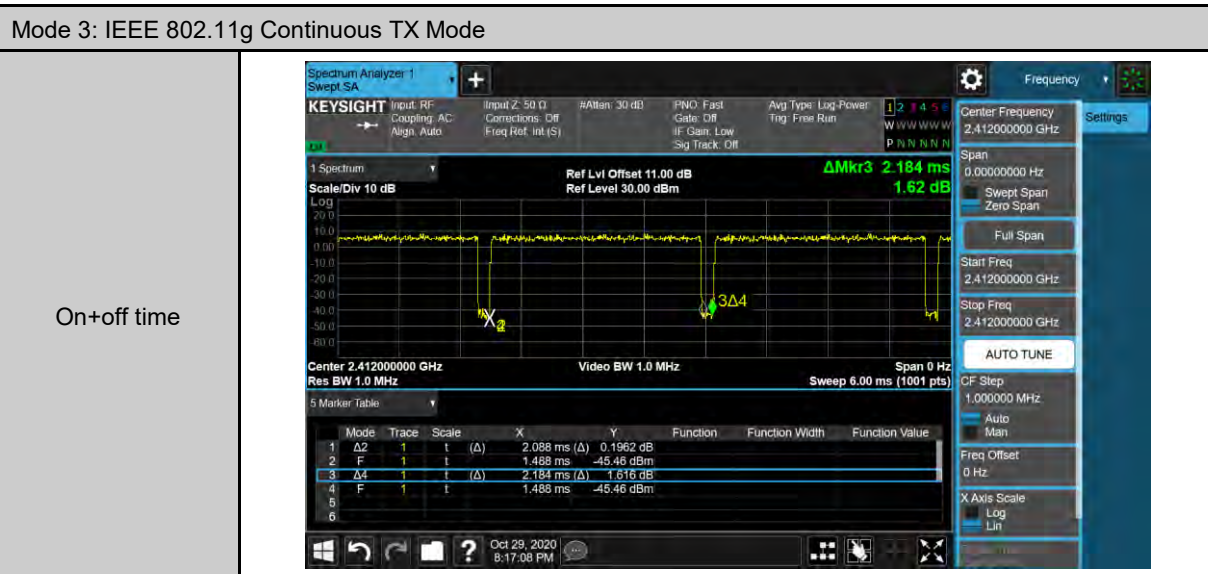
Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 2	1TX / 1RX (Diversity)	1	1, 6, 11
Mode 3	1TX / 1RX (Diversity)	6	1, 6, 11
Mode 4	1TX / 1RX (Diversity)	6.5	1, 6, 11
Mode 5	1TX / 1RX (Diversity)	13.5	3, 6, 9
Mode 6	1TX / 1RX (Diversity)	6	36, 40, 48
Mode 7	1TX / 1RX (Diversity)	6.5	36, 40,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

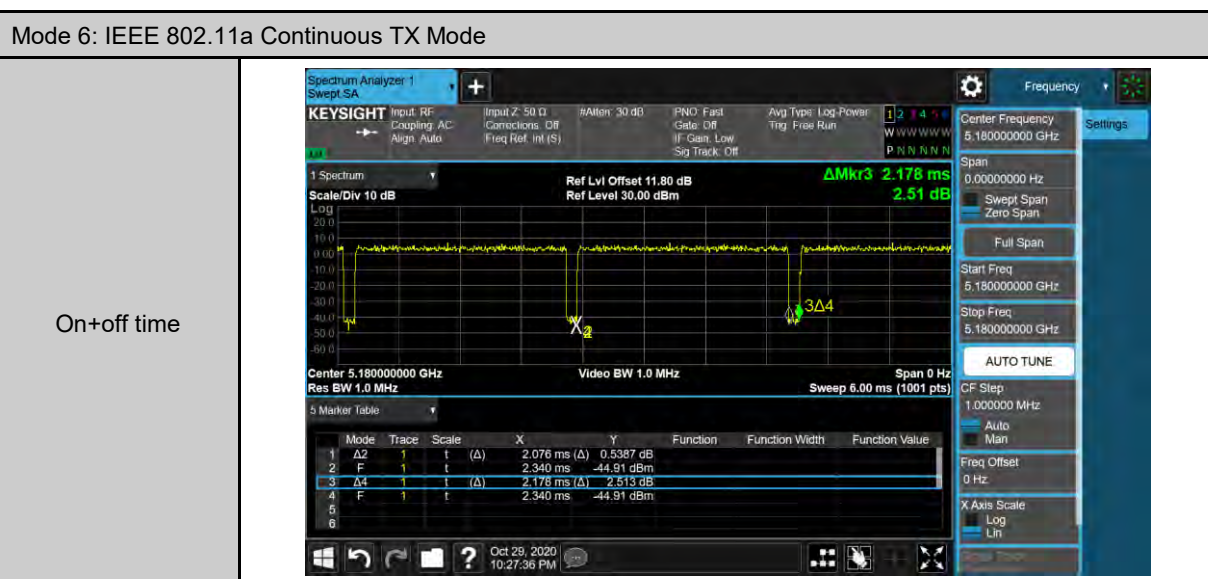
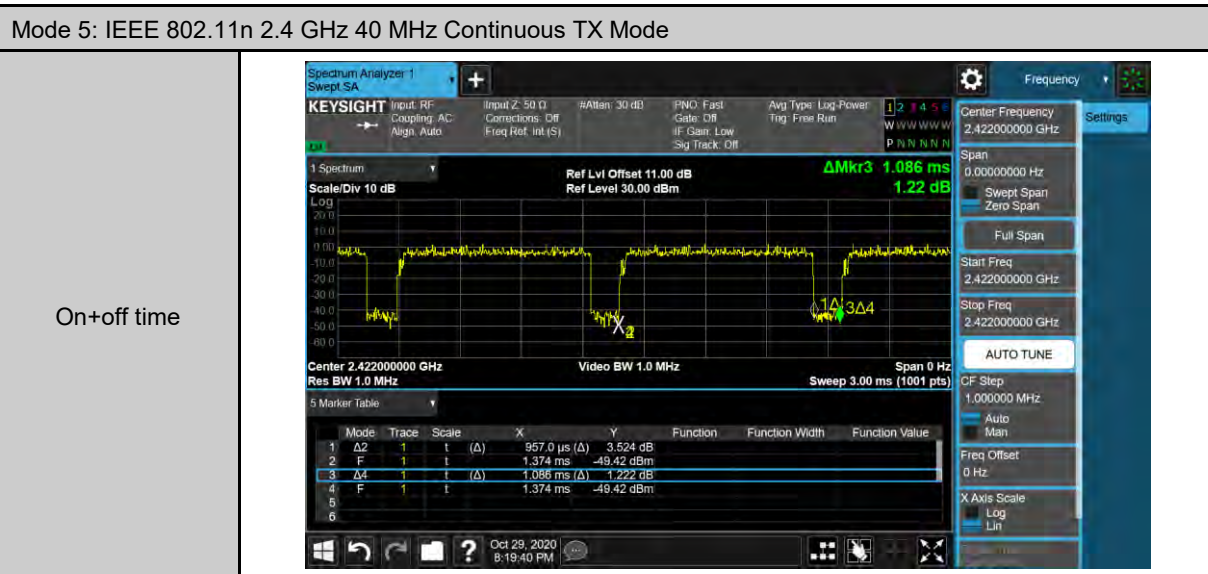
Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	2412.0	10.000	10.000	1.000	0.000	0.010
Mode 3	2412.0	2.088	2.184	0.956	0.195	0.479
Mode 4	2412.0	1.938	2.088	0.928	0.324	0.516
Mode 5	2422.0	0.957	1.086	0.881	0.549	1.045
Mode 6	5180.0	2.076	2.178	0.953	0.208	0.482
Mode 9	5180.0	1.944	2.064	0.942	0.260	0.514
Mode 10	5190.0	0.960	1.095	0.877	0.571	1.042

Mode 2: IEEE 802.11b Continuous TX Mode

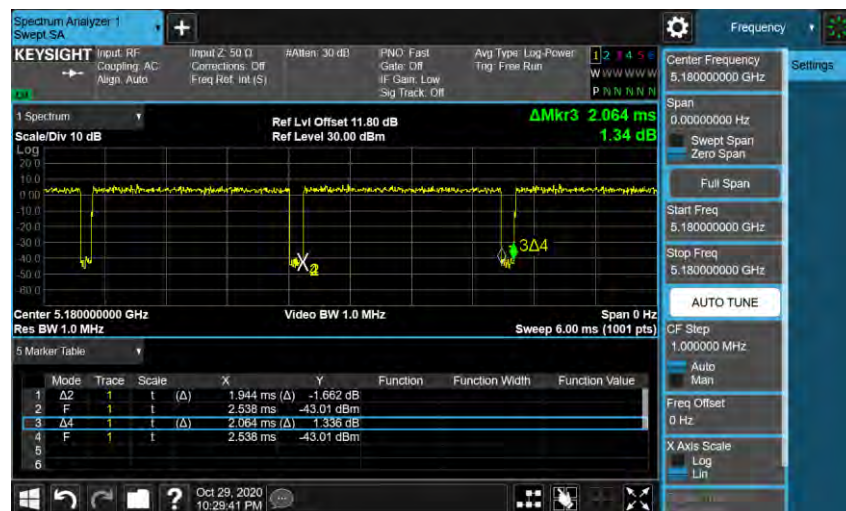






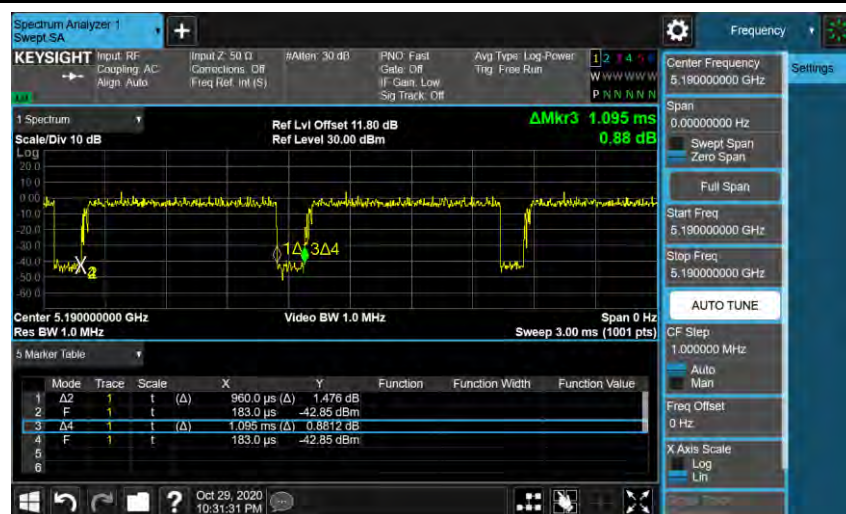
Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode

On+off time



Mode 10: IEEE 802.11ac 40 MHz Continuous TX Mode

On+off time



2.6 量測不確定度

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

Test Item	Frequency Range	Uncertainty
Conducted Emission	150 kHz ~ 30 MHz	2.7 dB
Radiated Emission	9 kHz ~ 30 MHz	2.2 dB
	30 MHz ~ 1000 MHz	5.1 dB
	1000 MHz ~ 18000 MHz	5.1 dB
	18000 MHz ~ 26500 MHz	4.4 dB
	26500 MHz ~ 40000 MHz	4.6 dB
Conducted Output Power		0.92 dB
RF Bandwidth		4.79 %
Power Spectral Density		0.92 dB
Frequency Stability		4.1×10^{-8}
Duty Cycle		1.06 %
Time Occupancy		1.40 %

2.7 試驗環境

產品測試時之實驗室環境條件如下：

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

3. 測試項目與結果判定總表

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

2.4 GHz 頻段適用下列表格

項次	測試項目	適用規範	測試結果	量測設備	結果判定
1	電源線傳導干擾	低功率射頻器材技術規範 3.3 節	Annex A.	請參閱 2.1 節	符合
2	場強輻射	低功率射頻器材技術規範 3.5 節、3.6 節、4.10.1.5 節	Annex B.	請參閱 2.1 節	符合
3	頻帶邊緣外之輻射發射	低功率射頻器材技術規範 4.10.1.5 節	Annex B.	請參閱 2.1 節	符合
4	峰值傳導輸出功率	低功率射頻器材技術規範 4.10.1.2(1)(C)節	Annex C.	請參閱 2.1 節	符合
5	天線規格	低功率射頻器材技術規範 4.10.1.3(3)、4.10.1.4 節	請參閱 4.2.3 節	-----	符合
6	非必要頻帶	低功率射頻器材技術規範 4.10.1.5(1)節	Annex C.	請參閱 2.1 節	符合
7	6 dB 頻寬	低功率射頻器材技術規範 4.10.1.6(2)(A)節	Annex C.	請參閱 2.1 節	符合
8	峰值發射電功率密度	低功率射頻器材技術規範 4.10.1.6(2)(B)節	Annex C.	請參閱 2.1 節	符合
9	電波暴露量之評估	低功率射頻器材技術規範 6.20.2 節	Annex E.	請參閱 2.1 節	符合

5 GHz U-NII 頻段適用下列表格

項次	測試項目	適用規範	測試結果	量測設備	結果判定
1	電源線傳導干擾	低功率射頻器材技術規範 3.3 節	Annex A.	請參閱 2.1 節	符合
2	場強輻射	低功率射頻器材技術規範 3.5 節、3.6 節	Annex D.	請參閱 2.1 節	符合
3	頻帶邊緣外之輻射發射	低功率射頻器材技術規範 3.6 節、5.7.4 節	Annex D.	請參閱 2.1 節	符合
4	非必要頻帶	低功率射頻器材技術規範 5.7.4 節	Annex E.	請參閱 2.1 節	符合
5	最大傳導輸出功率	低功率射頻器材技術規範 5.7.3 節	Annex E.	請參閱 2.1 節	符合
6	最大傳導功率頻譜密度	低功率射頻器材技術規範 5.7.3 節	Annex E.	請參閱 2.1 節	符合
7	26 dB 頻寬之要求	N/A	Annex E.	請參閱 2.1 節	----
8	天線規格	低功率射頻器材技術規範 5.7.8 節	請參閱 4.3.6 節	-----	符合
9	電波暴露量之評估	低功率射頻器材技術規範 6.20.2 節	Annex E.	請參閱 2.1 節	符合

Decision Rule

☒ Uncertainty is not included.

☐ Uncertainty is included.

4. 測試項目表列

4.1 電源線傳導干擾之量測

合格標準：

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

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

註：隨頻率之對數遞減。

測試方法：

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

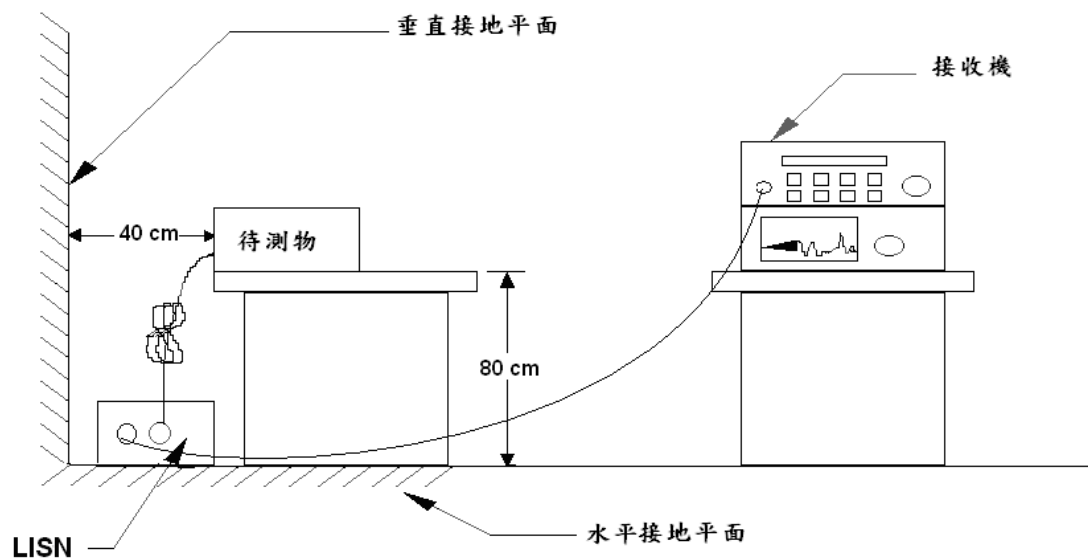
干擾值之計算

電源傳導干擾電壓之計算公式如下

結果值 = 儀器讀值(QP/AV) + 校正因子

其中校正因子為：饋線損失 + 電源阻抗模擬網路損失

測試架構圖：



4.2 2.4 GHz 檢驗項目

4.2.1 場強輻射之量測

合格標準:

依據 NCC 低功率射頻器材技術規範(LP0002)之使用頻帶範圍外之任意 100 千赫 (kHz)內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫(kHz)內的射頻功率，至少須衰減 20 dB，以射頻傳導或輻射方式測量。如發射機以依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.2(1)(C)之峰值傳導輸出功率量測方式者，至少須衰減 30 dB。此外，落於第 3.5 節禁用頻段之輻射發射，應符合第 3.6 節之規定。

依據 NCC 低功率射頻器材技術規範第 3.5 節之規定,禁用頻段如下：

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

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

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

測試方法：

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

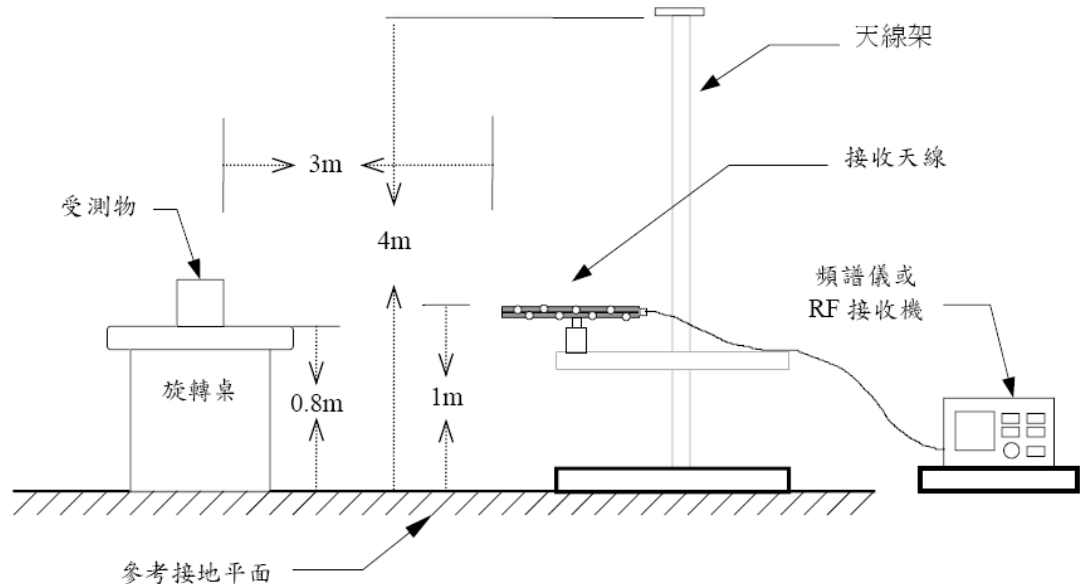
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

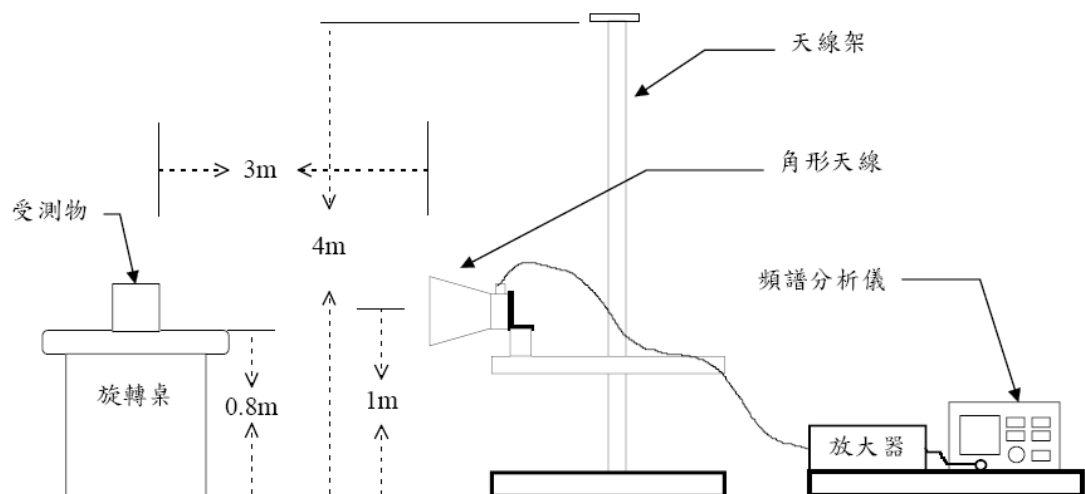
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



量測頻率高於 1 GHz 以上之測試配置



4.2.2 峰值傳導輸出功率之量測

合格標準：

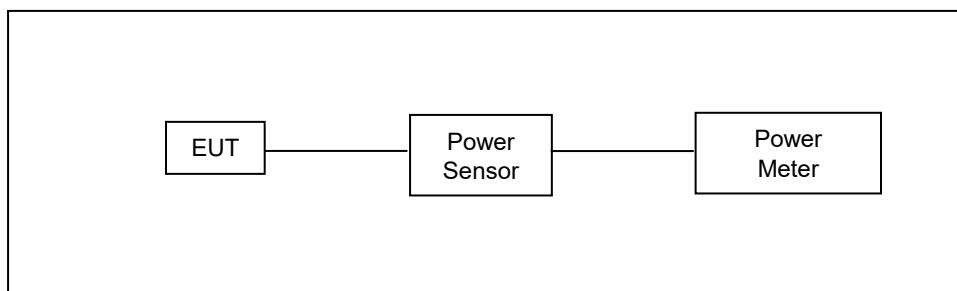
依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.2(1)(C)節之要求，操作於 2400-2483.5 兆赫(MHz)數位調變技術系統：1 瓦(W)(含)以下

Diversity mode：

Max. Gain = ANT-0：4.92 dBi < 6 dBi

ANT-1：4.61 dBi < 6 dBi

測試架構圖：



4.2.3 天線規格之要求

合格標準：

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

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

判定結果：符合。

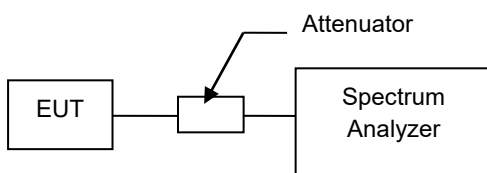
4.2.4 非必要頻帶之量測

合格標準:

合格標準:

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

測試架構圖：



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

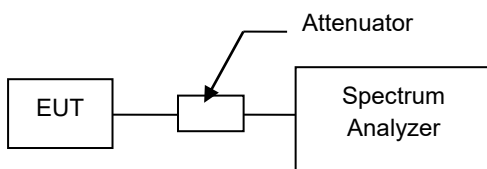
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 20 dB。

4.2.5 6 dB頻寬之要求

合格標準:

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

測試架構圖：



4.2.6 峰值發射電功率密度之要求

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 4.10.1.6(2)(B)節之要求，數位調變技術(Digital Modulation Techniques)系統之功率密度,再使用頻率範圍之任意 3 kHz 頻寬內,由發射機傳導至天線之峰值發射電功率密度在任意期間內,皆不得大於 8 dBm(複合系統時，關閉跳頻作業狀態檢驗)。

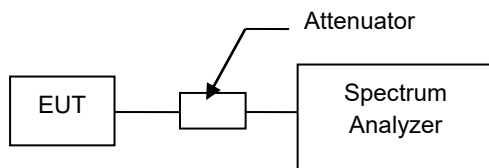
Diversity mode :

Max. Gain = ANT-0 : 4.92 dBi < 6 dBi

ANT-1 : 4.61 dBi < 6 dBi

測試架構圖：

測試場地測試配置如圖所示。



4.2.7 電波暴露量之評估

合格標準:

若受測物於正常操作模式下，其發射機距離人體 20 公分以上者，可測試最大暴露允許值(Maximum Permissible Exposure, MPE)以證明其符合電波暴露量之要求。限制值如下：

6.20.2.1 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

6.20.2.2 一般人/不可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

4.3 5 GHz U-NII 檢驗項目

4.3.1 場強輻射與非必要頻帶之量測

場強輻射合格標準：

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

依據 NCC 低功率射頻器材技術規範第 3.5 節之規定,禁用頻段如下：

頻率(MHz)	頻率(MHz)	頻率(MHz)	頻率(MHz)
0.090~0.110	108.00~138.00	1660.0~1785.0	8025.0~8500.0
0.490~0.510	149.90~150.05	1805.0~1880.0	9000.0~9200.0
2.172~2.198	156.70~156.90	1885.0~1900.0	9300.0~9500.0
3.013~3.033	162.01~167.17	1905.0~1985.0	10600~12700
4.115~4.198	167.72~173.20	2010.0~2025.0	13250~13400
5.670~5.690	240.00~285.00	2110.0~2170.0	14470~14500
6.200~6.300	322.00~335.40	2200.0~2300.0	15350~16200
8.230~8.400	399.90~410.00	2310.0~2390.0	17700~21400
12.265~12.600	485.00~510.00	2483.5~2900.0	22010~23120
13.340~13.430	608.00~614.00	3260.0~3267.0	23600~24000
14.965~15.020	703.00~748.00	3332.0~3339.0	31200~31800
16.700~16.755	758.00~803.00	3345.8~3358.0	36430~36500
19.965~20.020	825.00~915.00	3500.0~4400.0	38600 以上
25.500~25.700	930.00~1240.0	4500.0~5250.0	
37.475~38.275	1300.0~1427.0	5350.0~5460.0	
73.500~75.400	1435.0~1626.5	7250.0~7750.0	

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

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

非必要頻帶合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 5.7.4 節之要：

不必要發射之限值：在操作頻帶外的峰值發射應衰減至符合下列限值：

1. 在 5.15 GHz~5.35 GHz 及 5.470 GHz~5.725 GHz 頻帶操作的發射器：帶外發射之有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz。
2. 在 5.725 GHz~5.850 GHz 的頻帶操作之發射器：所有頻帶邊緣的頻率發射，其有效等向輻射功率(EIRP) $\leq$ 27 dBm/MHz；所有頻帶邊緣向外 5 MHz 內頻率之發射從有效等向輻射功率(EIRP) $\leq$ 27 dBm/MHz 線性減少至有效等向輻射功率(EIRP) $\leq$ 15.6 dBm/MHz；所有頻帶邊緣向外 25 MHz 內頻率之發射從有效等向輻射功率(EIRP) $\leq$ 15.6 dBm/MHz 線性減少至有效等向輻射功率(EIRP) $\leq$ 10 dBm/MHz；所有頻帶邊緣向外 75 MHz 內頻率之發射從有效等向輻射功率(EIRP) $\leq$ 10 dBm/MHz 線性減少至有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz；所有頻帶邊緣向外 75 MHz 頻率之發射的有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz。
3. 量測不必要發射時，應使用之最低解析頻寬為 1 MHz。必要時，於頻帶邊緣附近可使用小於 1 MHz 之解析頻寬，並以補償方式計算其總值。
4. 當測量不必要發射之限值時，應將待測物的載波頻率調整到儘可能接近設備設計所允許的上、下頻帶邊緣。
5. 在 1 GHz 以下的不必要之發射，應符合第 3.6 條之規定，任何使用市電為供應電源之設備亦須符合 3.3 條之電源線傳導限值。
6. 不必要發射頻率屬第 3.5 條規定頻帶者，應符合第 3.6 條之規定。

測試方法：

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

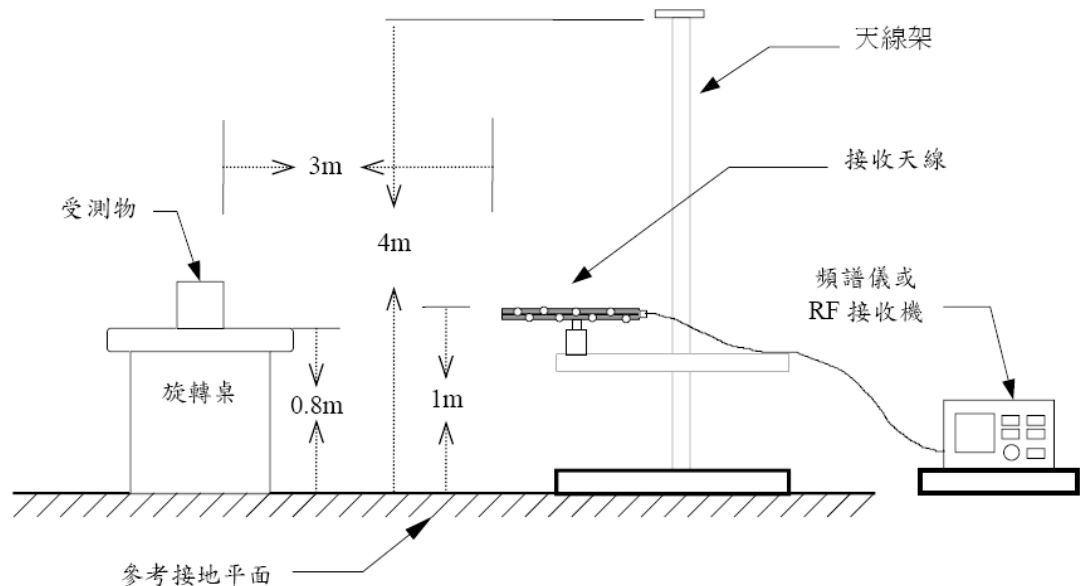
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

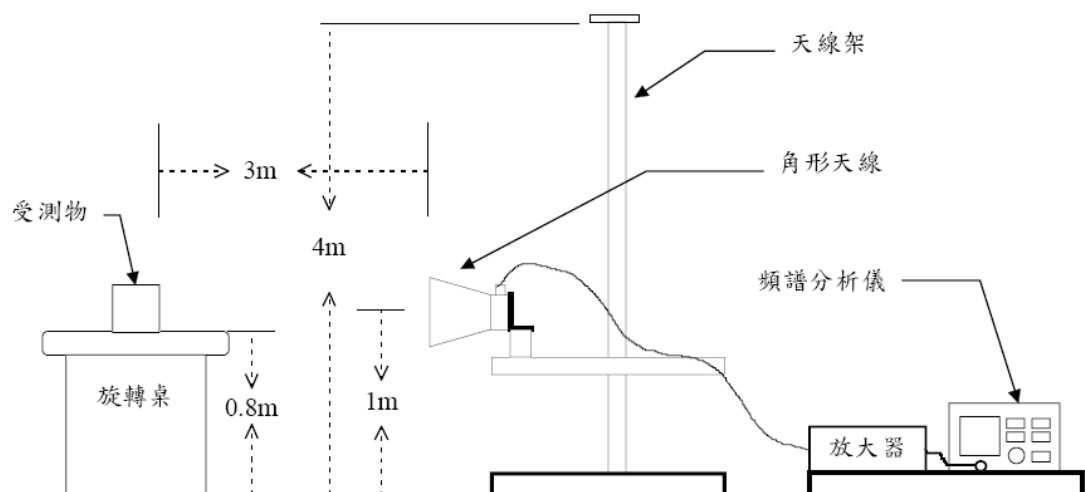
其中校正因子為：天線因子 + 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



量測頻率高於 1 GHz 以上之測試配置



4.3.2 最大傳導輸出功率之量測

合格標準:

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

1. 5.15-5.25 GHz 頻帶

(1) 供戶外操作使用:

- 最大傳導輸出功率不能超過 1 W。
- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- 在水平面仰角超過 30 度時，其最大 EIRP 不能超過 21 dBm。

(2) 供室內操作使用:

- 最大傳導輸出功率不能超過 1 W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(3) 供固定式點對點操作使用:

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

(4) 供行動或可攜式裝置操作使用:

- 最大傳導輸出功率不能超過 250 mW。
- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 11 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

2. 5.25-5.35 GHz 與 5.470-5.725 GHz 頻帶

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

3. 5.725-5.850 GHz 頻帶

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

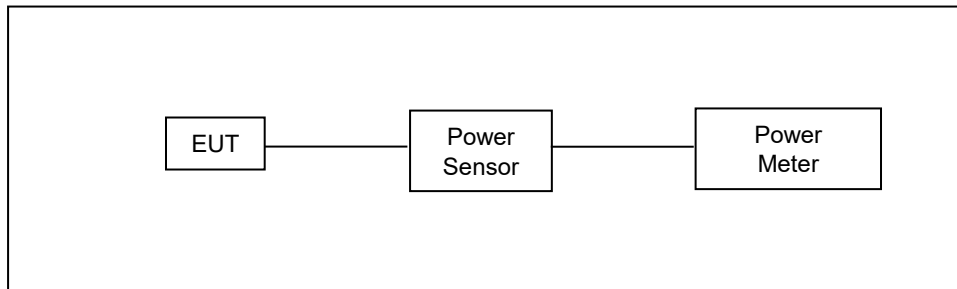
4. 最大傳導輸出功率必須使用依據均方根等效電壓校準之儀器量測於任何連續傳輸之時段，量測結果須依儀器限制（如偵測器反應時間、相較於發射頻寬有限之解析頻寬能力，靈敏度等）調整得出正確之峰值量測，以符合本段落所提之發射定義。

Diversity mode :

Max. Gain = ANT-0 : 4.81 dBi < 6 dBi

ANT-1 : 5.38 dBi < 6 dBi

測試架構圖：



4.3.3 最大傳導功率頻譜密度之要求

合格標準:

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

1. 5.15-5.25 GHz 頻帶

(1) 供戶外操作使用:

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- 在水平面仰角超過 30 度時，其最大 EIRP 不能超過 21 dBm。

(2) 供室內操作使用:

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(3) 供固定式點對點操作使用:

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

(4) 供行動或可攜式裝置操作使用:

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 11 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

2. 5.25-5.35 GHz 與 5.470-5.725 GHz 頻帶

(1) 最大功率頻譜密度在任何 1 MHz 頻帶中不能超過 11 dBm。

(2) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

3. 5.725-5.850 GHz 頻帶

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

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

(3) 除(2)外，使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

4. 最大功率頻譜密度量測規定:

(1) 應將量測儀器直接連接待測物，以傳導方式執行。

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

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

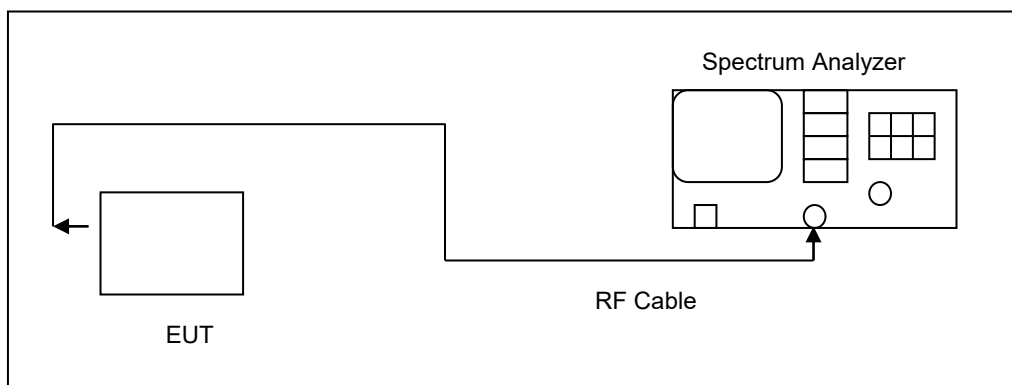
(4) 解析頻寬小於(2)或(3)時，應以補償方式計算總功率頻譜密度。

Diversity mode :

Max. Gain = ANT-0 : 4.81 dBi < 6 dBi

ANT-1 : 5.38 dBi < 6 dBi

測試架構圖：

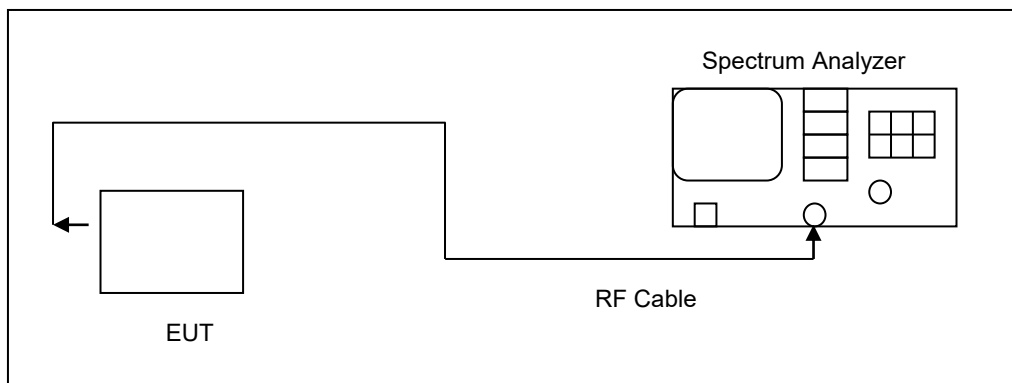


4.3.4 26 dB頻寬之要求

合格標準:

N/A

測試架構圖：



4.3.5 天線規格之要求

合格標準:

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

判定結果: 符合。

4.3.6 電波暴露量之評估

合格標準:

若受測物於正常操作模式下，其發射機距離人體 20 公分以上者，可測試最大暴露允許值(Maximum Permissible Exposure, MPE)以證明其符合電波暴露量之要求。限制值如下：

6.20.2.1 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

6.20.2.2 一般人/不可控制之暴露

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

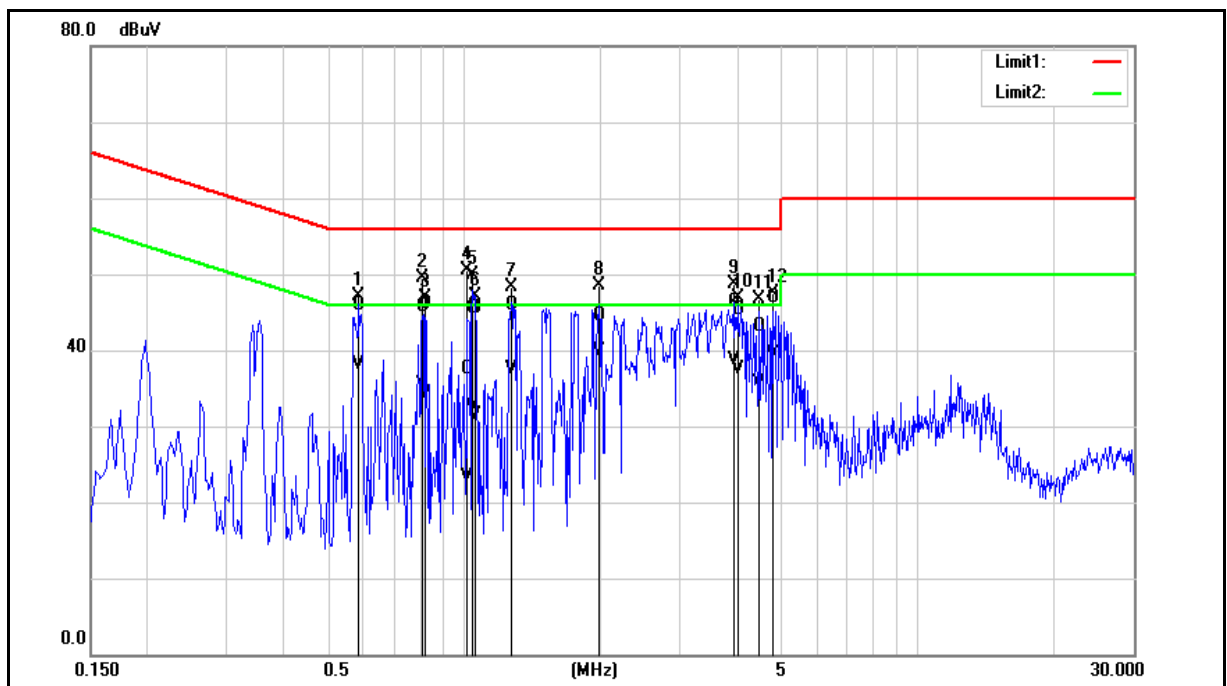
註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

5. Test Results

Annex A. Conducted Emission

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.5860	36.29	28.32	9.71	46.00	38.03	56.00	46.00	-10.00	-7.97	Pass
2	0.8100	35.95	25.71	9.71	45.66	35.42	56.00	46.00	-10.34	-10.58	Pass
3	0.8260	36.36	24.62	9.71	46.07	34.33	56.00	46.00	-9.93	-11.67	Pass
4	1.0180	27.77	13.65	9.71	37.48	23.36	56.00	46.00	-18.52	-22.64	Pass
5	1.0460	35.83	22.81	9.71	45.54	32.52	56.00	46.00	-10.46	-13.48	Pass
6	1.0580	35.83	21.80	9.71	45.54	31.51	56.00	46.00	-10.46	-14.49	Pass
7	1.2740	36.28	27.78	9.72	46.00	37.50	56.00	46.00	-10.00	-8.50	Pass
8	1.9860	34.78	30.17	9.76	44.54	39.93	56.00	46.00	-11.46	-6.07	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)。

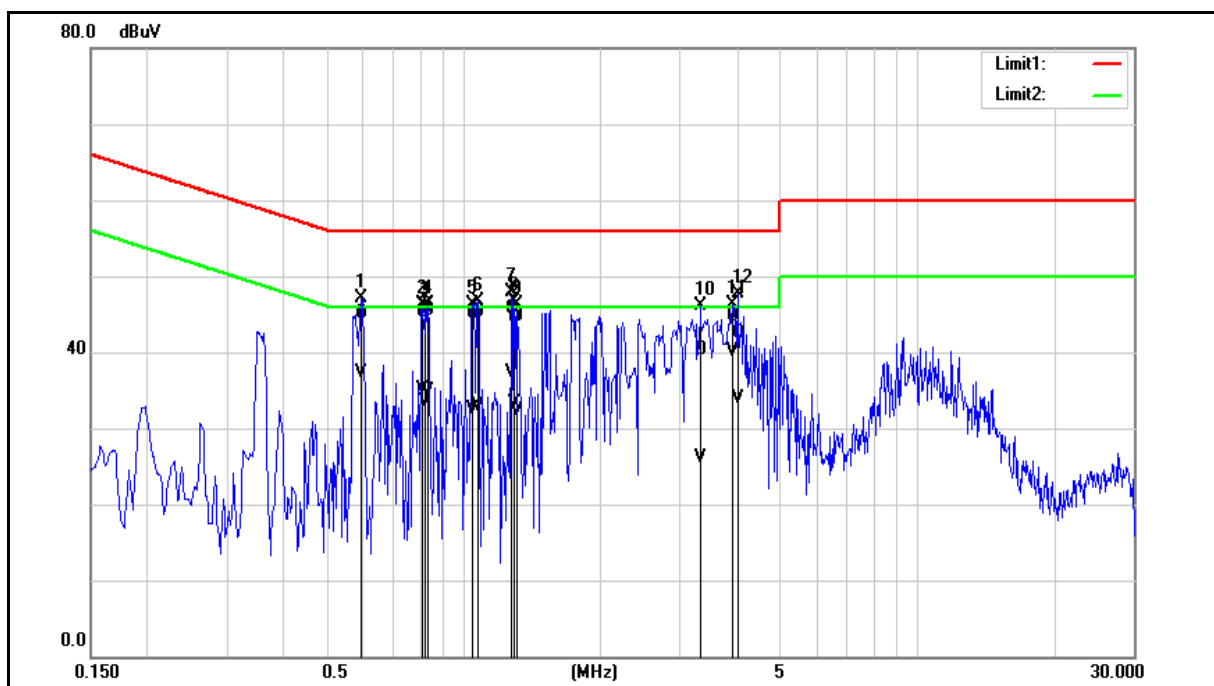
Standard:	LP0002	Line:	L1
Test item:	Conducted Emission	Power:	AC 110 V/60 Hz
Mode:	Mode 1		
Description:			

No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
9	3.9540	36.60	28.84	9.79	46.39	38.63	56.00	46.00	-9.61	-7.37	Pass
10	4.0220	35.59	27.76	9.79	45.38	37.55	56.00	46.00	-10.62	-8.45	Pass
11	4.4820	33.30	25.92	9.80	43.10	35.72	56.00	46.00	-12.90	-10.28	Pass
12	4.8100	37.03	29.65	9.81	46.84	39.46	56.00	46.00	-9.16	-6.54	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)。

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



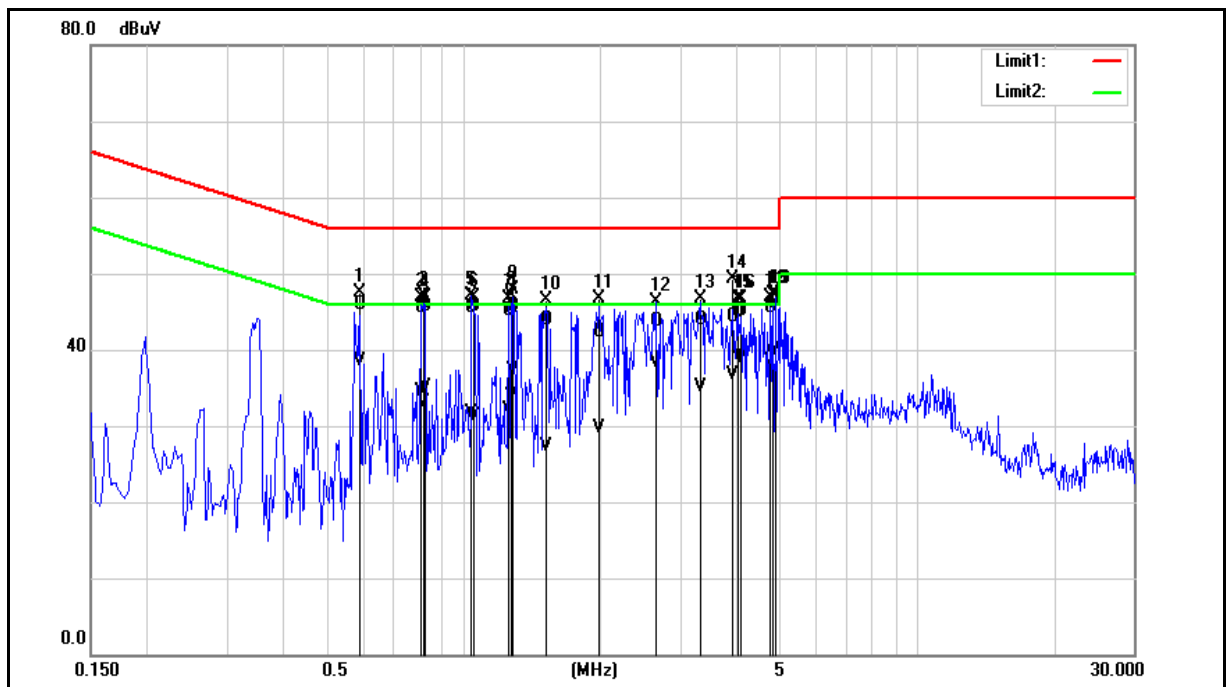
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.5940	35.49	27.66	9.71	45.20	37.37	56.00	46.00	-10.80	-8.63	Pass
2	0.8100	35.56	25.35	9.71	45.27	35.06	56.00	46.00	-10.73	-10.94	Pass
3	0.8180	35.98	23.72	9.71	45.69	33.43	56.00	46.00	-10.31	-12.57	Pass
4	0.8340	35.71	25.29	9.71	45.42	35.00	56.00	46.00	-10.58	-11.00	Pass
5	1.0460	35.44	22.79	9.71	45.15	32.50	56.00	46.00	-10.85	-13.50	Pass
6	1.0740	35.55	23.29	9.71	45.26	33.00	56.00	46.00	-10.74	-13.00	Pass
7	1.2740	36.03	27.67	9.72	45.75	37.39	56.00	46.00	-10.25	-8.61	Pass
8	1.2900	34.77	23.60	9.72	44.49	33.32	56.00	46.00	-11.51	-12.68	Pass
9	1.3140	35.02	22.50	9.72	44.74	32.22	56.00	46.00	-11.26	-13.78	Pass
10	3.3180	30.55	16.25	9.78	40.33	26.03	56.00	46.00	-15.67	-19.97	Pass
11	3.9060	34.88	30.36	9.79	44.67	40.15	56.00	46.00	-11.33	-5.85	Pass
12	4.0220	32.75	24.20	9.79	42.54	33.99	56.00	46.00	-13.46	-12.01	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

With HDMI

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.5900	36.19	28.85	9.71	45.90	38.56	56.00	46.00	-10.10	-7.44	Pass
2	0.8060	35.87	24.84	9.71	45.58	34.55	56.00	46.00	-10.42	-11.45	Pass
3	0.8140	36.41	23.30	9.71	46.12	33.01	56.00	46.00	-9.88	-12.99	Pass
4	0.8260	36.03	25.30	9.71	45.74	35.01	56.00	46.00	-10.26	-10.99	Pass
5	1.0420	35.74	22.02	9.71	45.45	31.73	56.00	46.00	-10.55	-14.27	Pass
6	1.0500	35.98	21.56	9.71	45.69	31.27	56.00	46.00	-10.31	-14.73	Pass
7	1.2580	35.39	22.40	9.72	45.11	32.12	56.00	46.00	-10.89	-13.88	Pass
8	1.2700	35.59	24.28	9.72	45.31	34.00	56.00	46.00	-10.69	-12.00	Pass
9	1.2860	35.99	27.57	9.72	45.71	37.29	56.00	46.00	-10.29	-8.71	Pass
10	1.5180	34.15	17.53	9.74	43.89	27.27	56.00	46.00	-12.11	-18.73	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)。

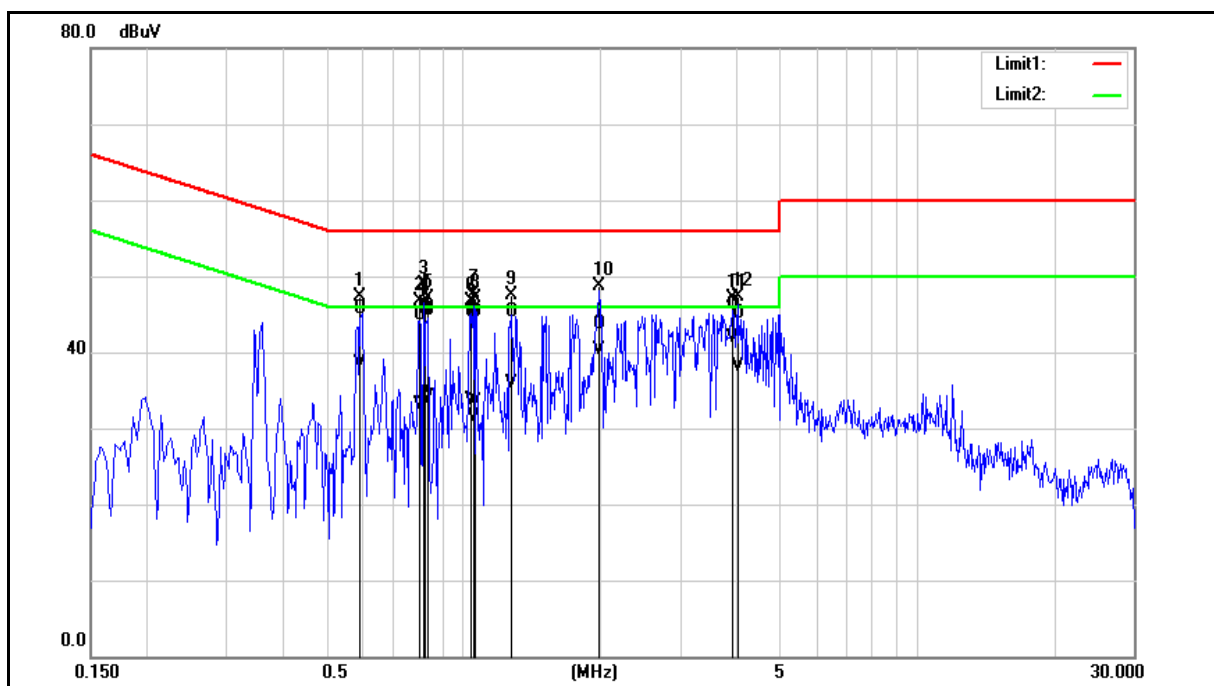
Standard:	LP0002	Line:	L1
Test item:	Conducted Emission	Power:	AC 110 V/60 Hz
Mode:	Mode 1		
Description:			

No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
11	1.9820	32.51	19.88	9.76	42.27	29.64	56.00	46.00	-13.73	-16.36	Pass
12	2.6540	33.95	28.60	9.77	43.72	38.37	56.00	46.00	-12.28	-7.63	Pass
13	3.3220	34.05	25.40	9.78	43.83	35.18	56.00	46.00	-12.17	-10.82	Pass
14	3.9100	34.60	26.82	9.79	44.39	36.61	56.00	46.00	-11.61	-9.39	Pass
15	4.0100	35.21	29.59	9.79	45.00	39.38	56.00	46.00	-11.00	-6.62	Pass
16	4.0780	35.26	29.14	9.79	45.05	38.93	56.00	46.00	-10.95	-7.07	Pass
17	4.7340	35.71	28.69	9.81	45.52	38.50	56.00	46.00	-10.48	-7.50	Pass
18	4.8020	36.26	29.65	9.81	46.07	39.46	56.00	46.00	-9.93	-6.54	Pass
19	4.8660	36.60	30.59	9.81	46.41	40.40	56.00	46.00	-9.59	-5.60	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.5900	36.03	28.83	9.71	45.74	38.54	56.00	46.00	-10.26	-7.46	Pass
2	0.7980	35.20	23.37	9.71	44.91	33.08	56.00	46.00	-11.09	-12.92	Pass
3	0.8140	35.93	23.41	9.71	45.64	33.12	56.00	46.00	-10.36	-12.88	Pass
4	0.8260	35.72	25.15	9.71	45.43	34.86	56.00	46.00	-10.57	-11.14	Pass
5	0.8340	35.75	24.48	9.71	45.46	34.19	56.00	46.00	-10.54	-11.81	Pass
6	1.0340	35.55	24.08	9.71	45.26	33.79	56.00	46.00	-10.74	-12.21	Pass
7	1.0500	35.51	21.82	9.71	45.22	31.53	56.00	46.00	-10.78	-14.47	Pass
8	1.0620	35.61	23.89	9.71	45.32	33.60	56.00	46.00	-10.68	-12.40	Pass
9	1.2740	35.65	26.15	9.72	45.37	35.87	56.00	46.00	-10.63	-10.13	Pass
10	1.9900	34.02	30.51	9.76	43.78	40.27	56.00	46.00	-12.22	-5.73	Pass
11	3.9180	36.52	32.03	9.79	46.31	41.82	56.00	46.00	-9.69	-4.18	Pass
12	4.0100	35.24	28.32	9.79	45.03	38.11	56.00	46.00	-10.97	-7.89	Pass

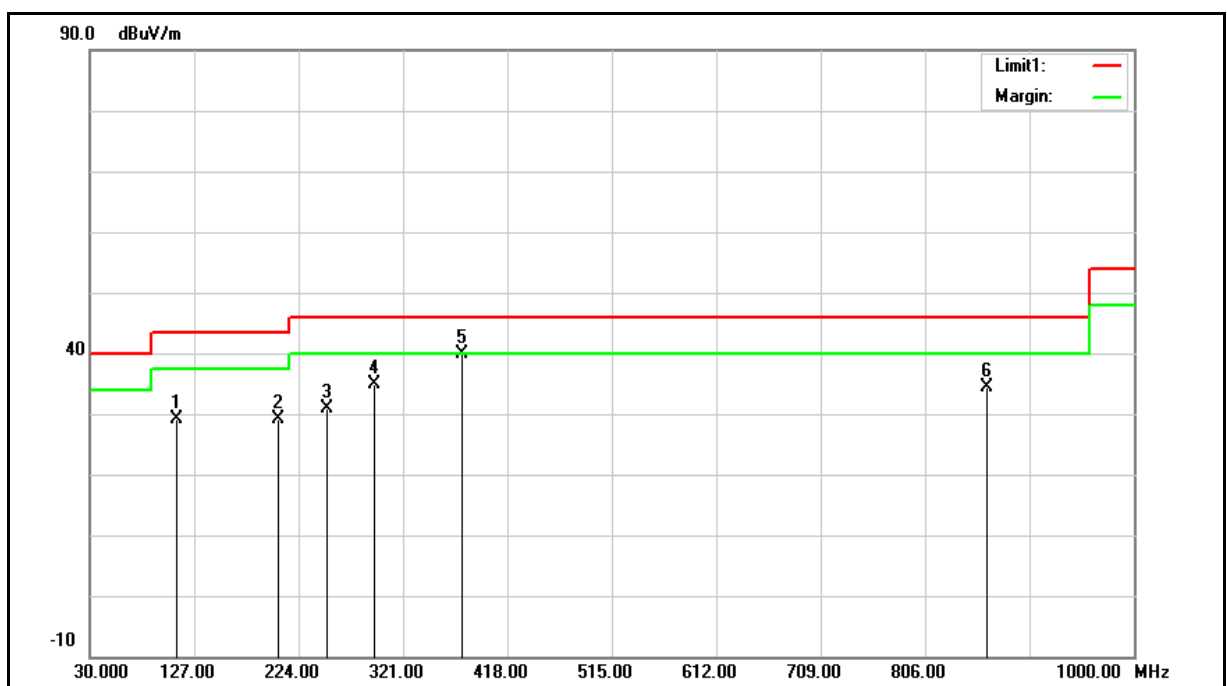
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

Annex B. Radiated Emission Measurement (2.4 GHz)

其它不必要之訊號 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	110.5100	40.20	-11.03	29.17	43.50	-14.33	QP
2	204.6000	39.11	-9.95	29.16	43.50	-14.34	QP
3	250.1900	39.25	-8.32	30.93	46.00	-15.07	QP
4	294.8100	41.50	-6.70	34.80	46.00	-11.20	QP
5	375.3200	45.21	-5.23	39.98	46.00	-6.02	QP
6	863.2300	31.93	2.36	34.29	46.00	-11.71	QP

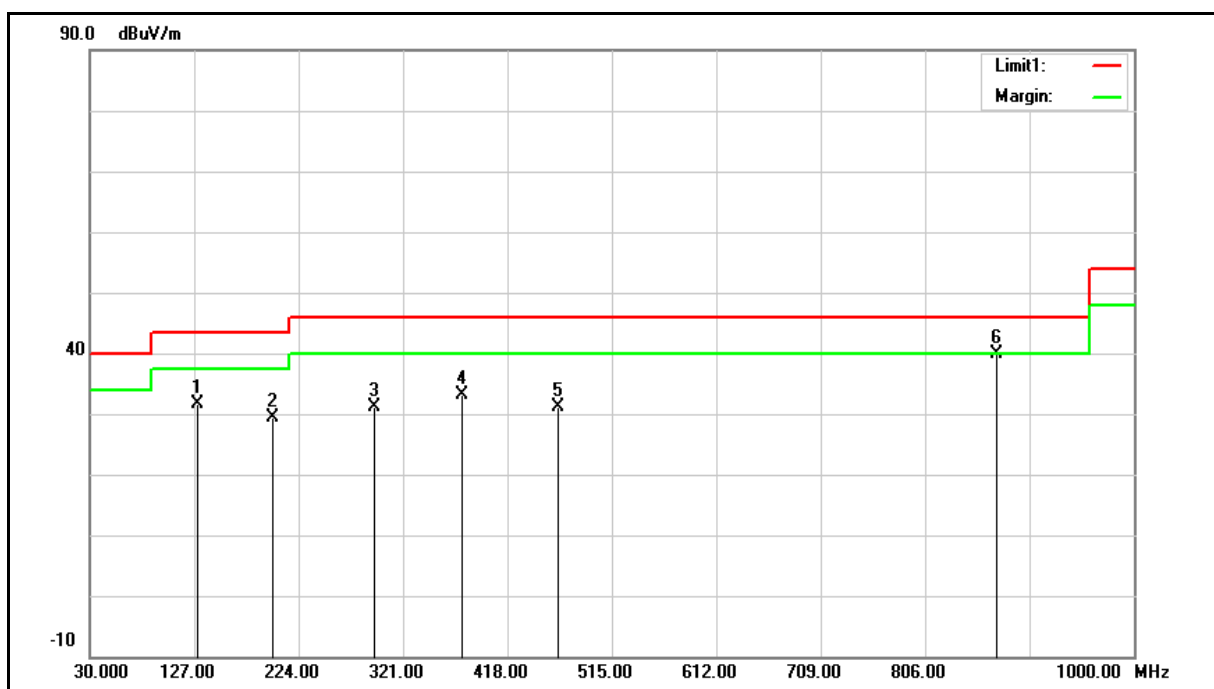
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $29.19 = -11.03 + 40.20$

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	129.9100	40.58	-8.93	31.65	43.50	-11.85	QP
2	199.7500	39.47	-10.02	29.45	43.50	-14.05	QP
3	294.8100	37.84	-6.70	31.14	46.00	-14.86	QP
4	375.3200	38.46	-5.23	33.23	46.00	-12.77	QP
5	464.5600	35.01	-3.89	31.12	46.00	-14.88	QP
6	872.9300	37.31	2.53	39.84	46.00	-6.16	QP

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

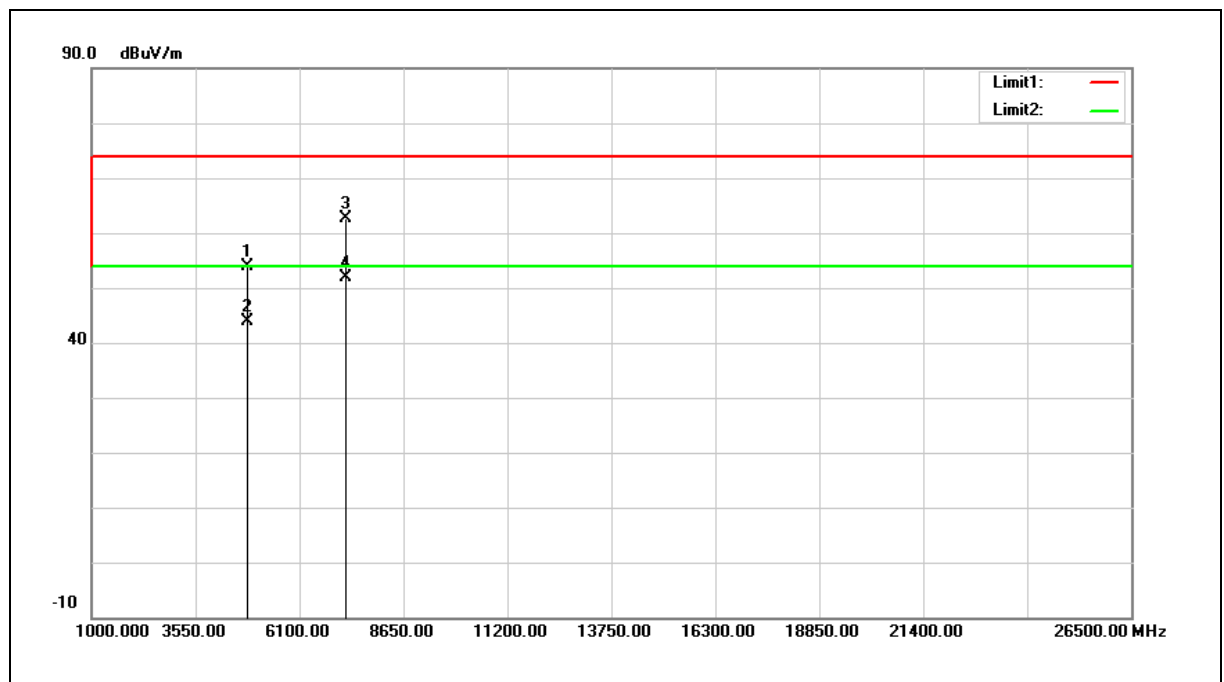
Example: $31.65 = -8.93 + 40.58$

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

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

場強輻射量側 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	55.19	-1.25	53.94	74.00	-20.06	peak
2	4824.000	45.20	-1.25	43.95	54.00	-10.05	AVG
3	7236.000	56.66	5.85	62.51	74.00	-11.49	peak
4	7236.000	45.92	5.85	51.77	54.00	-2.23	AVG

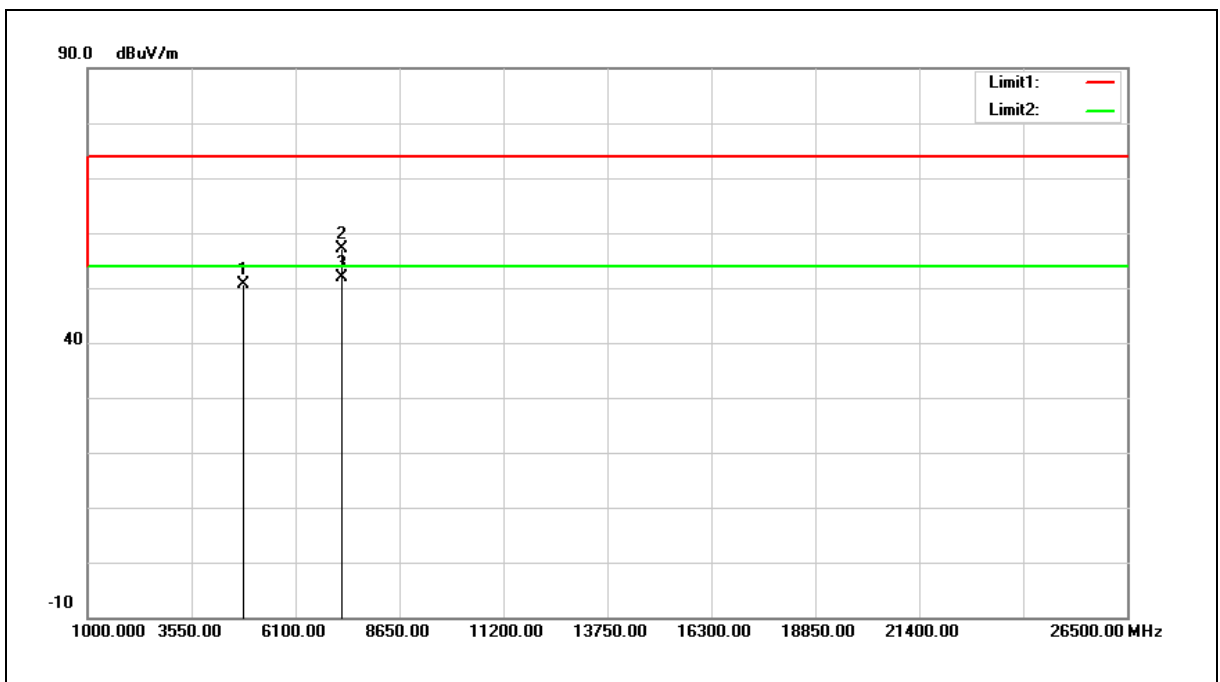
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $53.94 = -1.25 + 55.19$

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	51.94	-1.25	50.69	74.00	-23.31	peak
2	7236.000	51.24	5.85	57.09	74.00	-16.91	peak
3	7236.000	45.99	5.85	51.84	54.00	-2.16	AVG

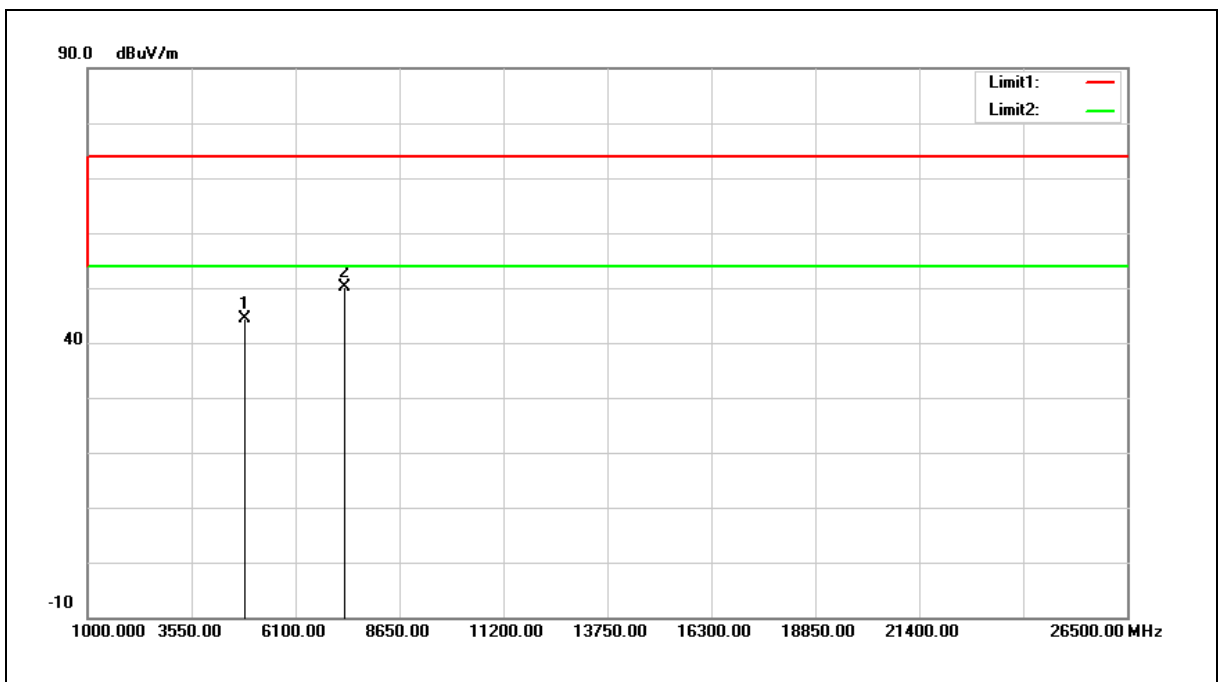
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $50.69 = -1.25 + 51.94$

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

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

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



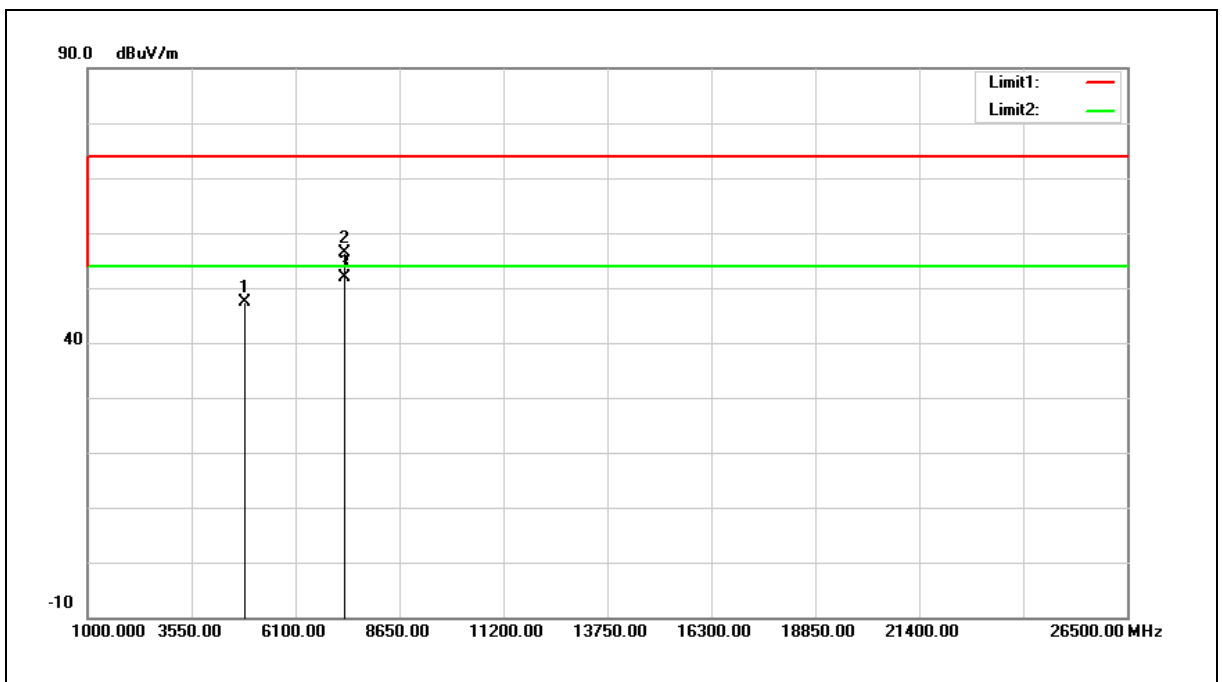
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	45.50	-1.12	44.38	74.00	-29.62	peak
2	7311.000	44.11	6.11	50.22	74.00	-23.78	peak

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

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

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

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



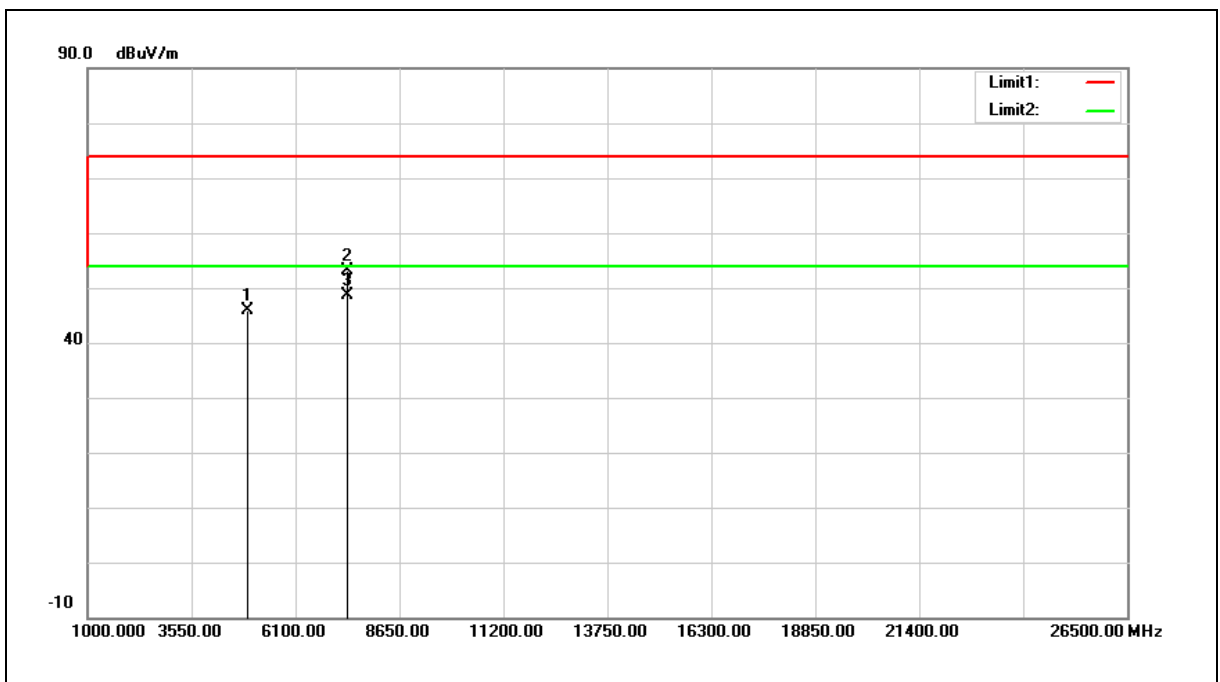
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	48.40	-1.12	47.28	74.00	-26.72	peak
2	7311.000	50.36	6.11	56.47	74.00	-17.53	peak
3	7311.000	45.82	6.11	51.93	54.00	-2.07	AVG

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

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

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

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



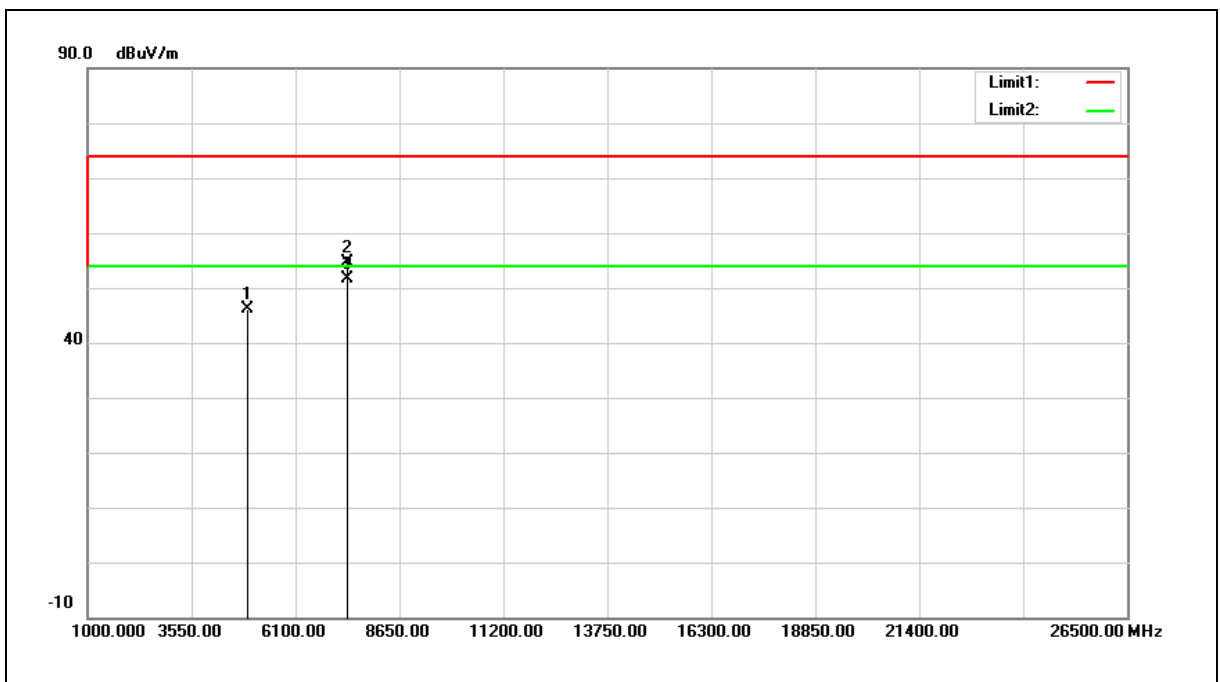
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	46.80	-0.99	45.81	74.00	-28.19	peak
2	7386.000	46.71	6.38	53.09	74.00	-20.91	peak
3	7386.000	42.27	6.38	48.65	54.00	-5.35	AVG

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

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

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

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



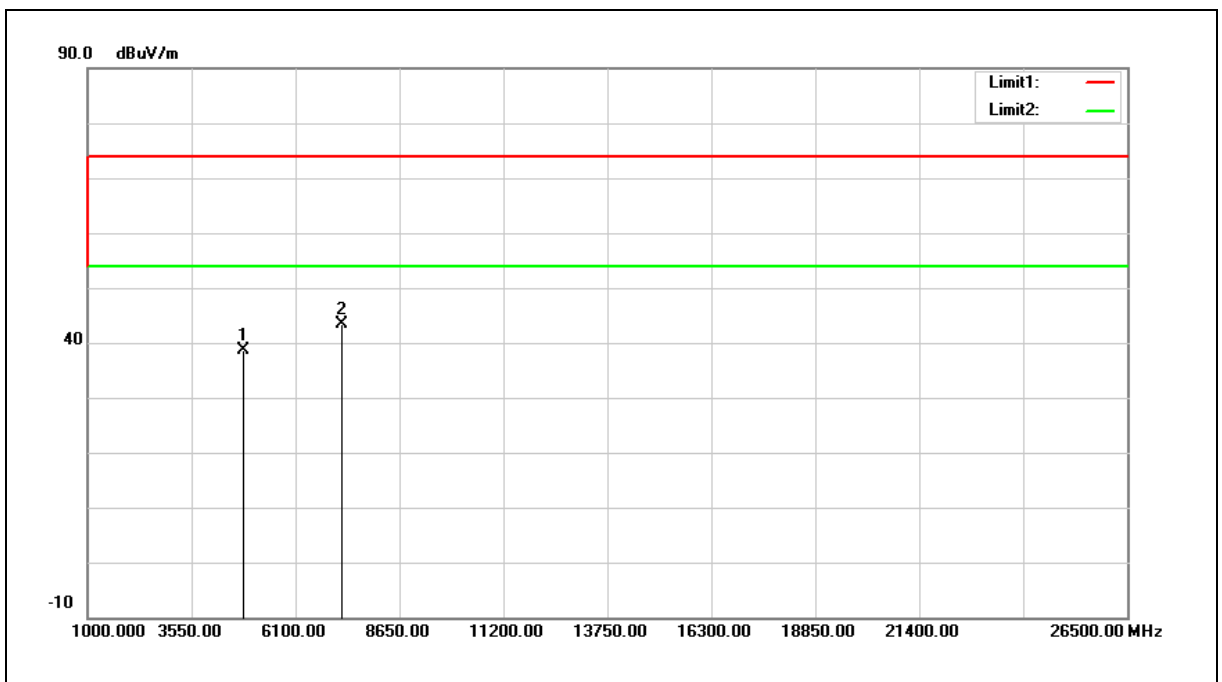
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	47.22	-0.99	46.23	74.00	-27.77	peak
2	7386.000	48.21	6.38	54.59	74.00	-19.41	peak
3	7386.000	45.34	6.38	51.72	54.00	-2.28	AVG

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

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

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

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



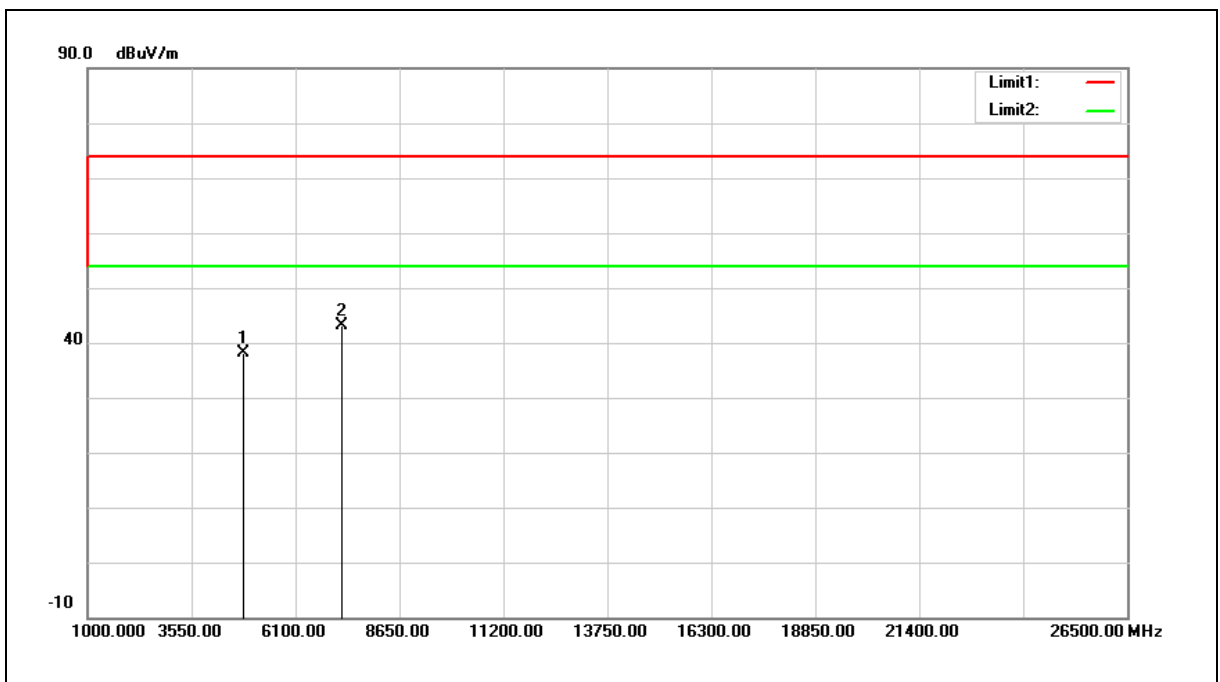
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.77	-1.25	38.52	74.00	-35.48	peak
2	7236.000	37.45	5.85	43.30	74.00	-30.70	peak

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

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

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

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



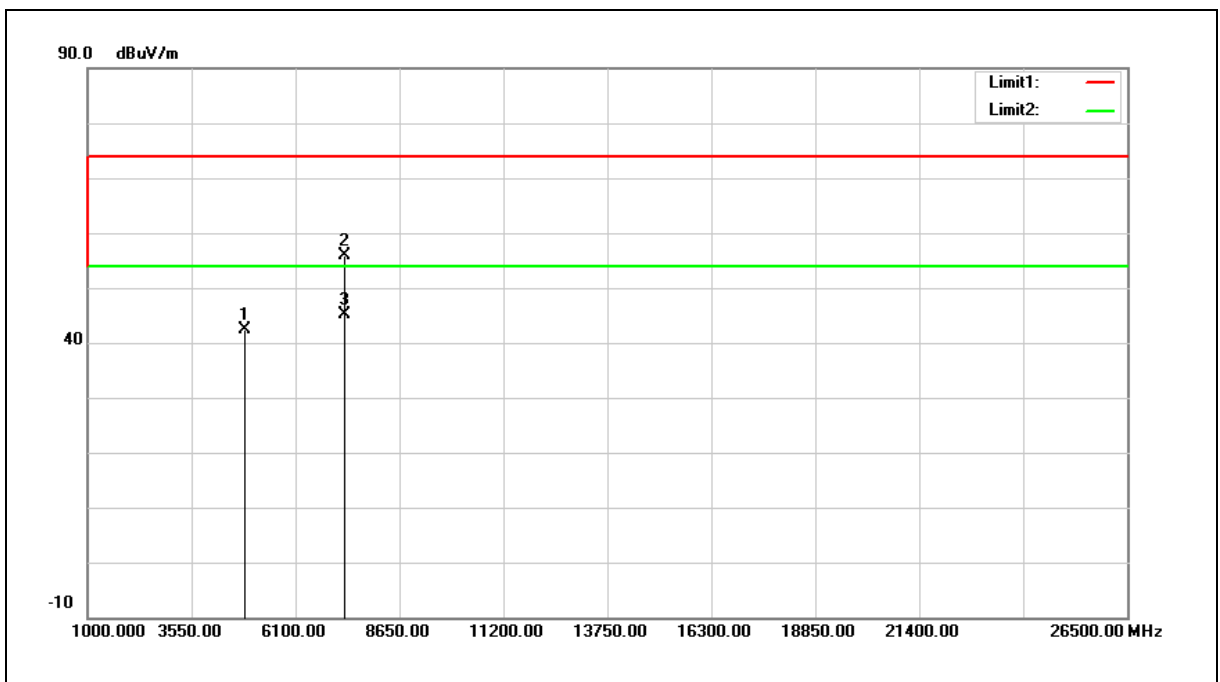
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.39	-1.25	38.14	74.00	-35.86	peak
2	7236.000	37.23	5.85	43.08	74.00	-30.92	peak

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

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

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

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



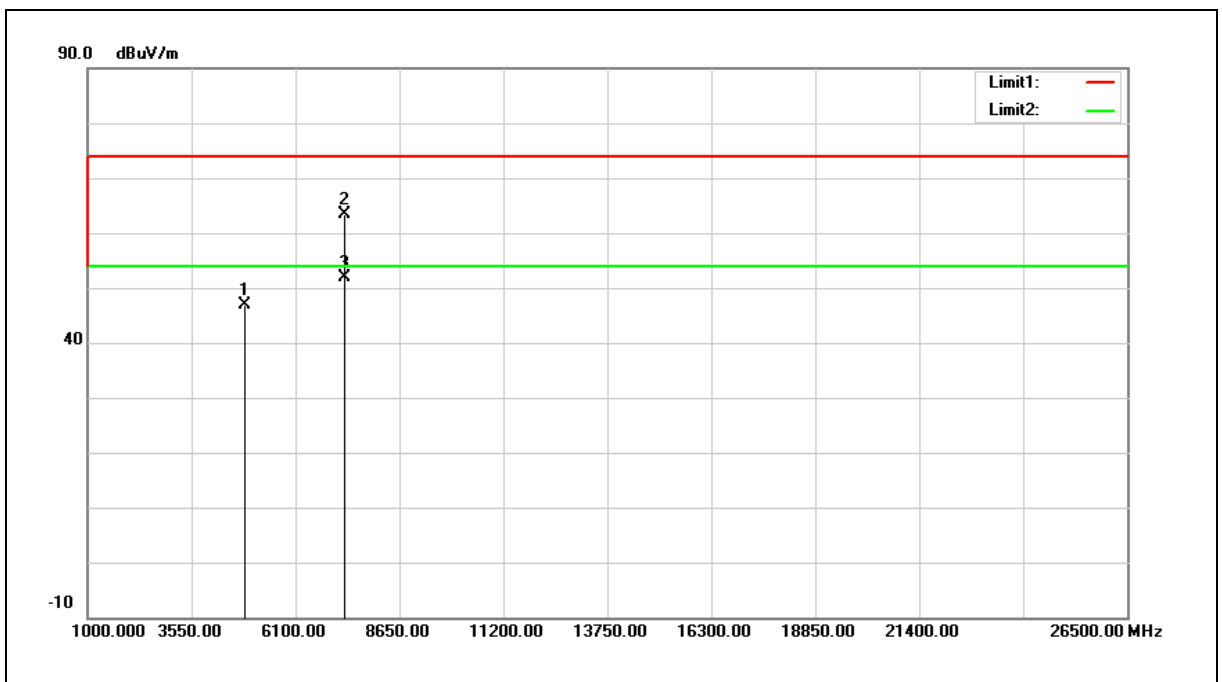
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	43.48	-1.12	42.36	74.00	-31.64	peak
2	7311.000	49.81	6.11	55.92	74.00	-18.08	peak
3	7311.000	39.03	6.11	45.14	54.00	-8.86	AVG

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

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

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

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



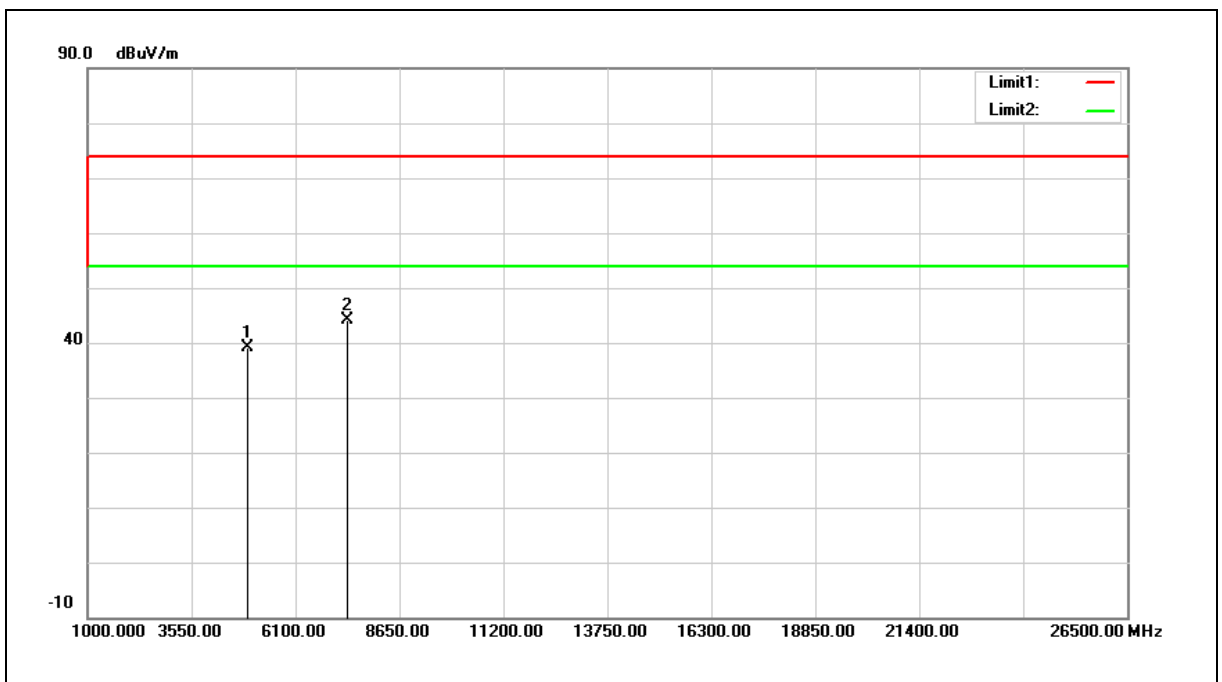
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	47.89	-1.12	46.77	74.00	-27.23	peak
2	7311.000	57.21	6.11	63.32	74.00	-10.68	peak
3	7311.000	45.75	6.11	51.86	54.00	-2.14	AVG

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

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

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

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



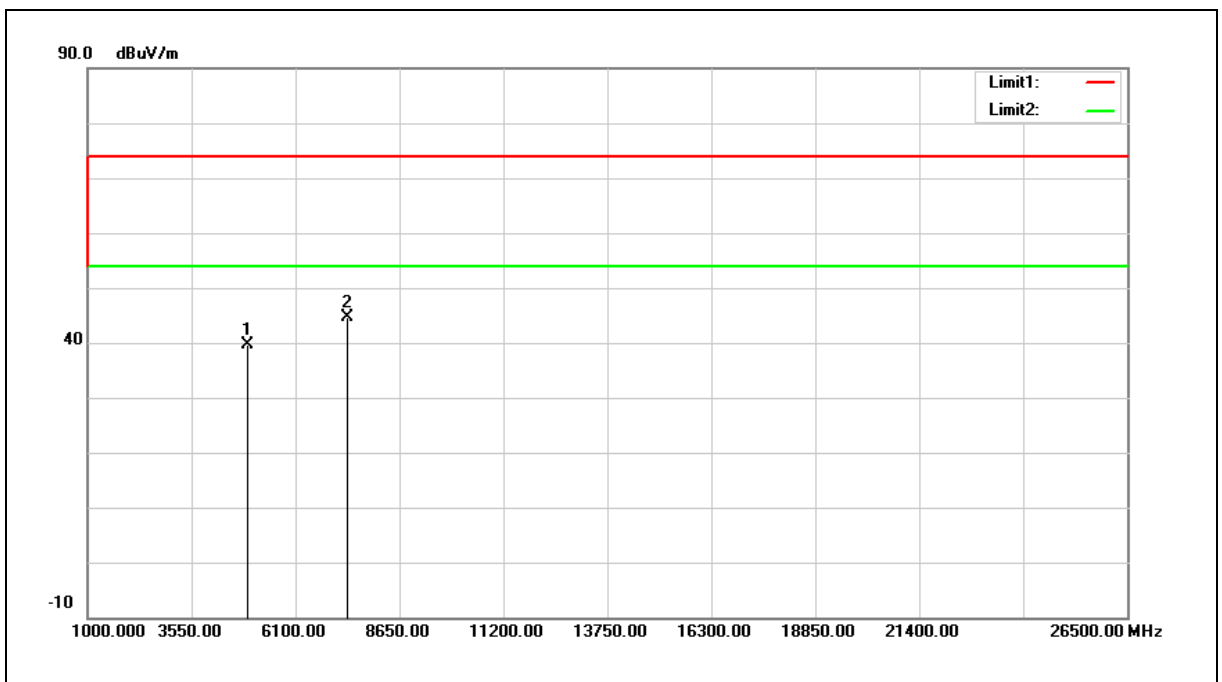
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.01	-0.99	39.02	74.00	-34.98	peak
2	7386.000	37.78	6.38	44.16	74.00	-29.84	peak

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

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

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

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



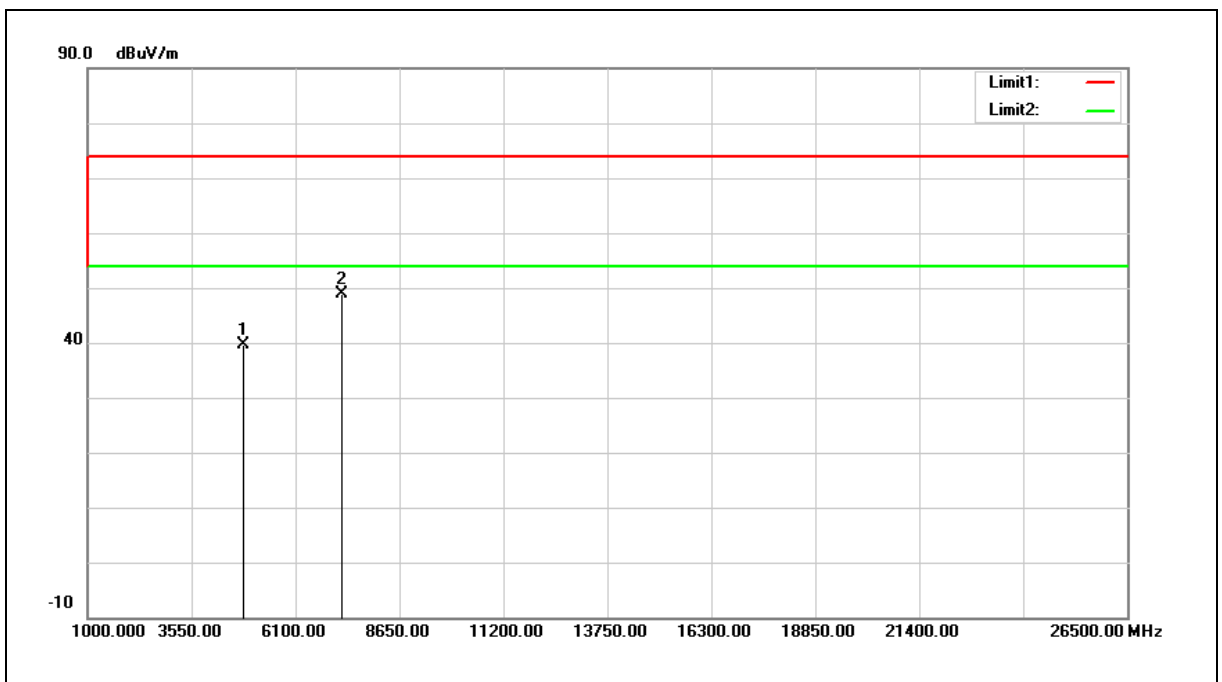
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.52	-0.99	39.53	74.00	-34.47	peak
2	7386.000	38.21	6.38	44.59	74.00	-29.41	peak

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

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

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

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



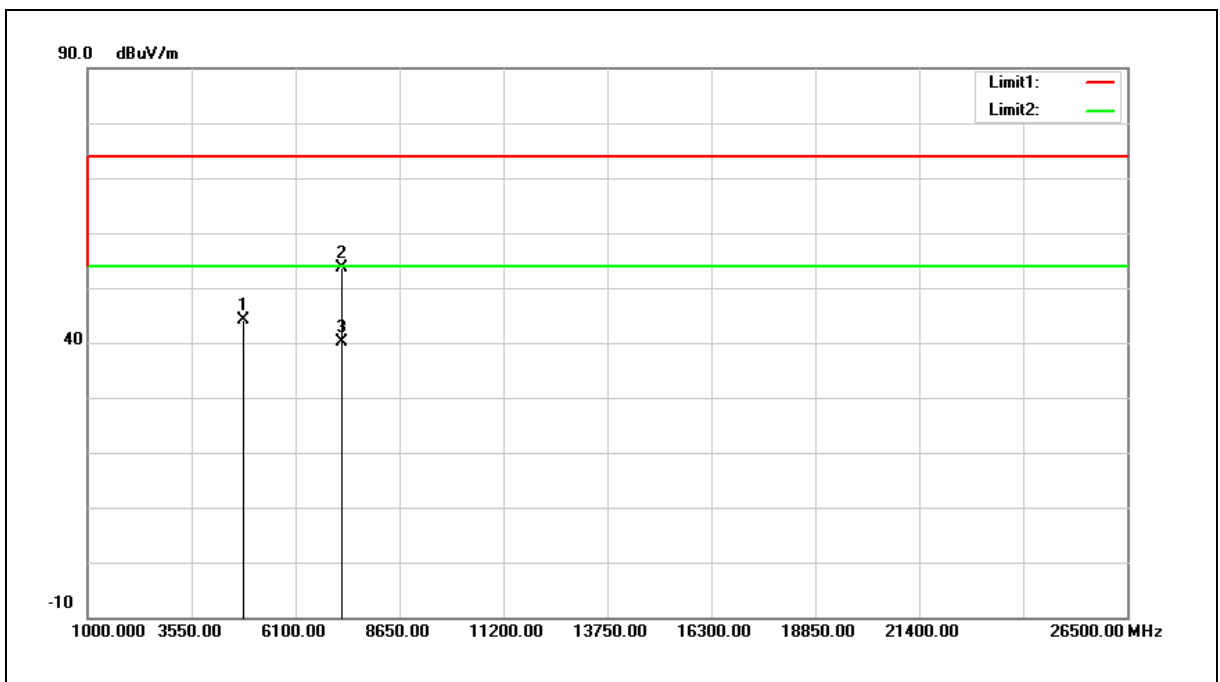
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	40.95	-1.25	39.70	74.00	-34.30	peak
2	7236.000	43.07	5.85	48.92	74.00	-25.08	peak

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

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

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

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



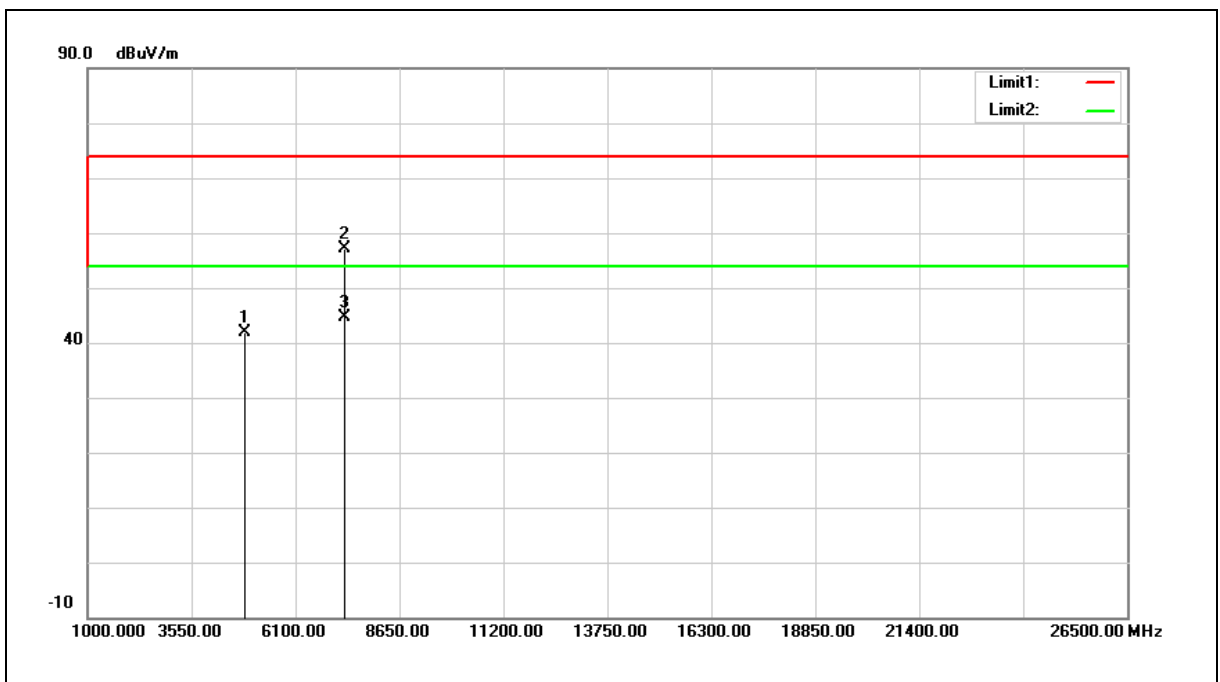
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	45.33	-1.25	44.08	74.00	-29.92	peak
2	7236.000	47.81	5.85	53.66	74.00	-20.34	peak
3	7236.000	34.34	5.85	40.19	54.00	-13.81	AVG

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

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

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

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



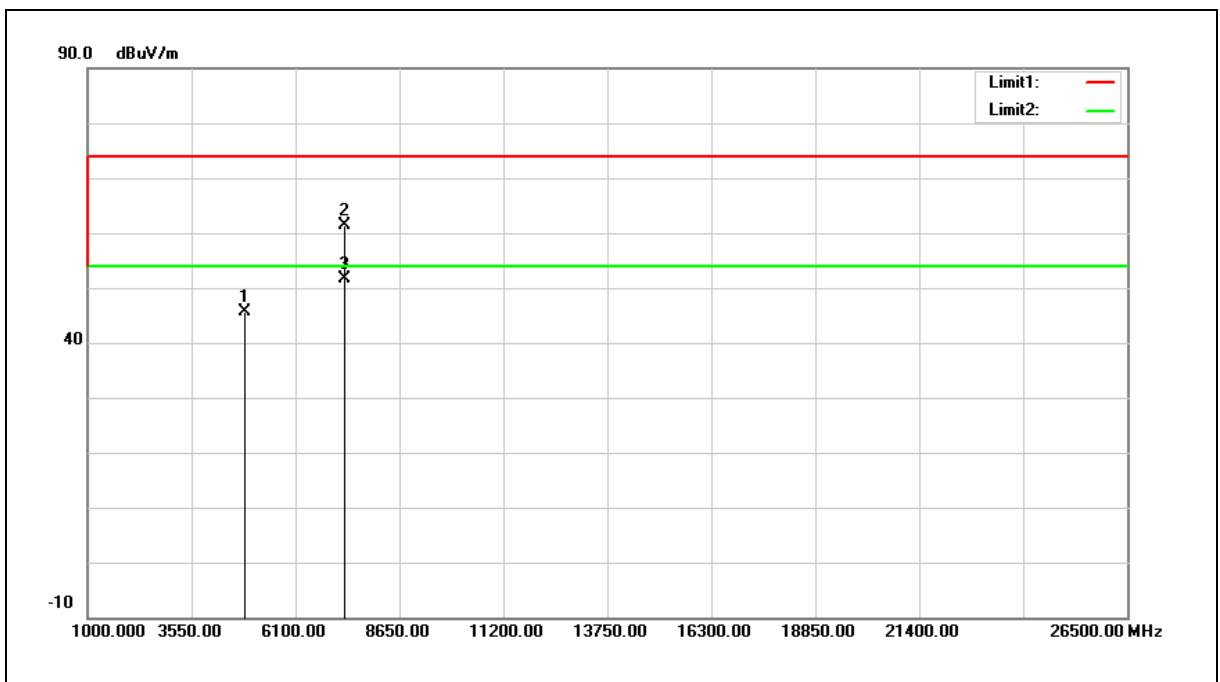
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	43.03	-1.12	41.91	74.00	-32.09	peak
2	7311.000	51.13	6.11	57.24	74.00	-16.76	peak
3	7311.000	38.64	6.11	44.75	54.00	-9.25	AVG

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

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

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

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



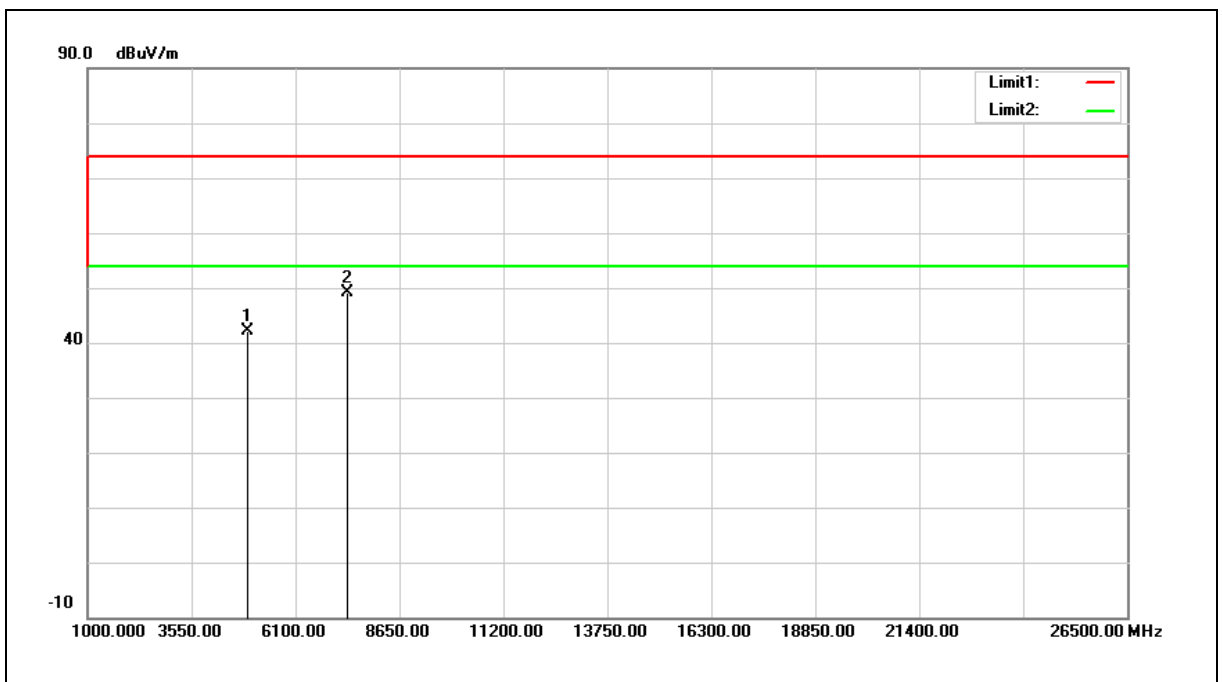
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	46.86	-1.12	45.74	74.00	-28.26	peak
2	7311.000	55.39	6.11	61.50	74.00	-12.50	peak
3	7311.000	45.52	6.11	51.63	54.00	-2.37	AVG

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

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

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

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



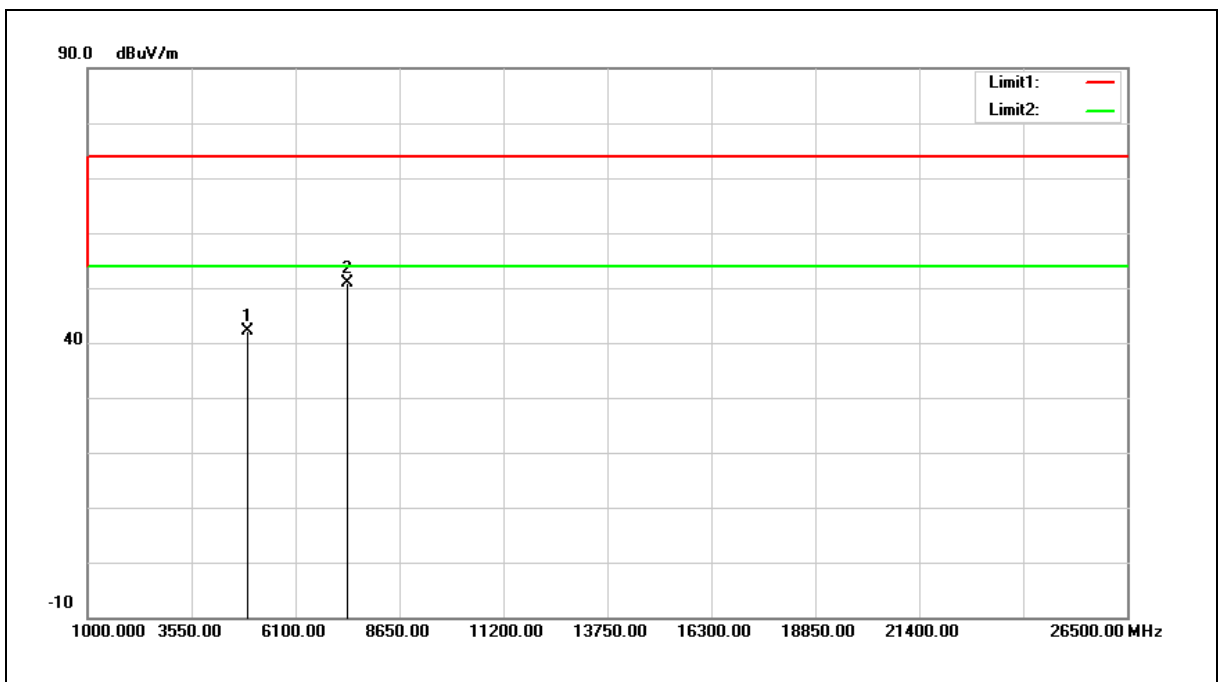
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	43.03	-0.99	42.04	74.00	-31.96	peak
2	7386.000	42.82	6.38	49.20	74.00	-24.80	peak

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

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

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

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



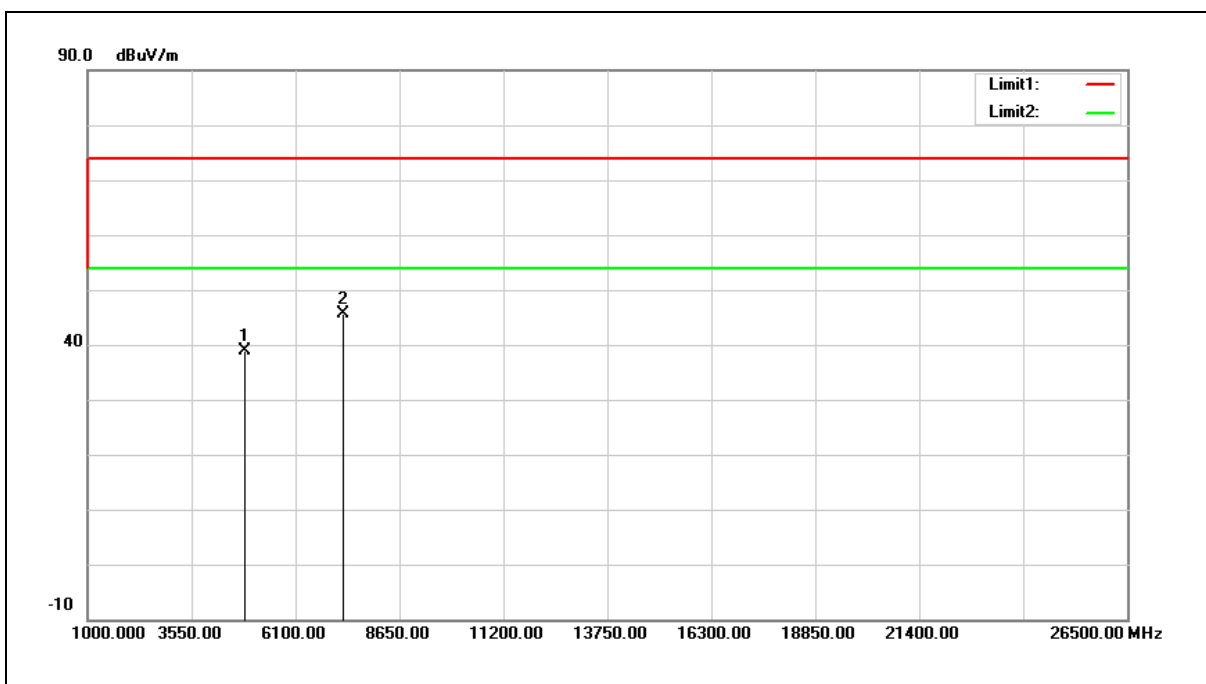
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	43.19	-0.99	42.20	74.00	-31.80	peak
2	7386.000	44.43	6.38	50.81	74.00	-23.19	peak

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

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

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

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



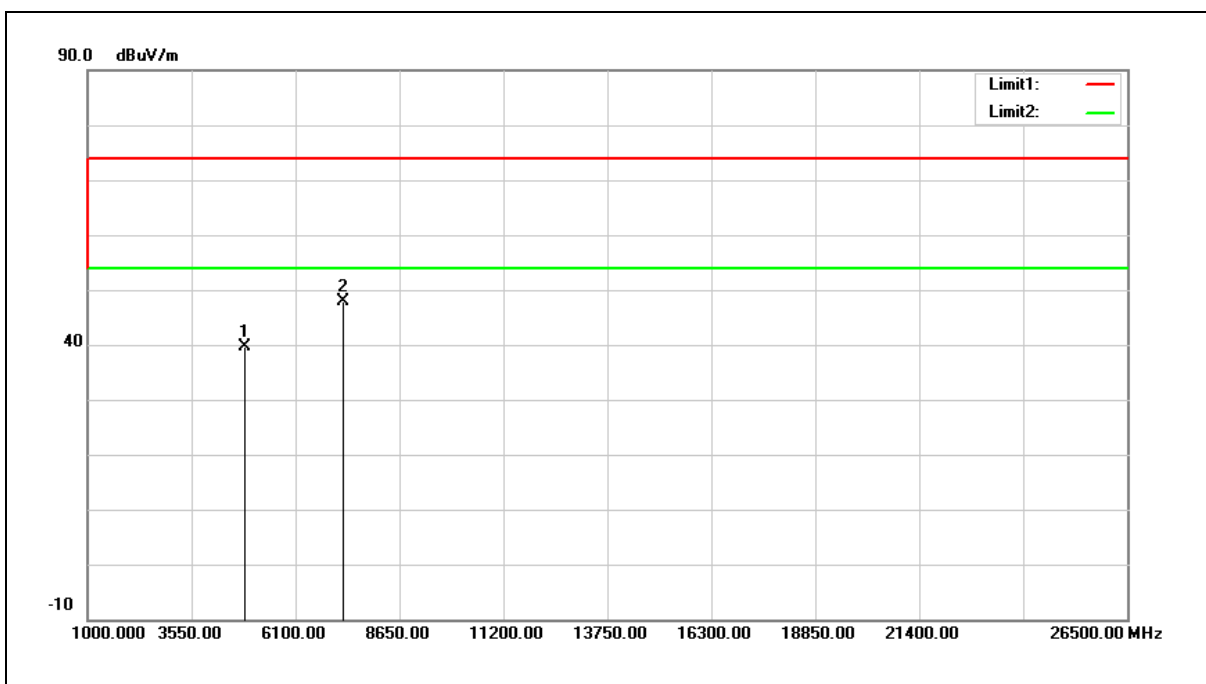
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	40.00	-1.19	38.81	74.00	-35.19	peak
2	7266.000	39.65	5.95	45.60	74.00	-28.40	peak

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

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

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

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



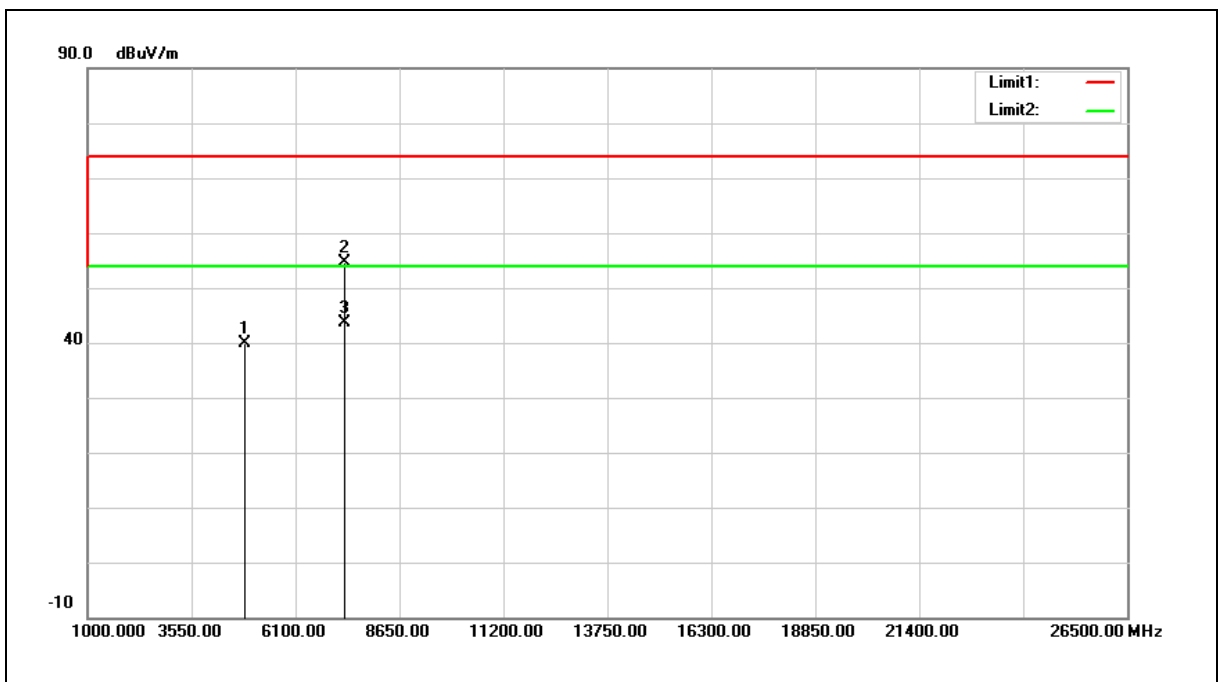
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	40.85	-1.19	39.66	74.00	-34.34	peak
2	7266.000	41.82	5.95	47.77	74.00	-26.23	peak

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

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

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

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



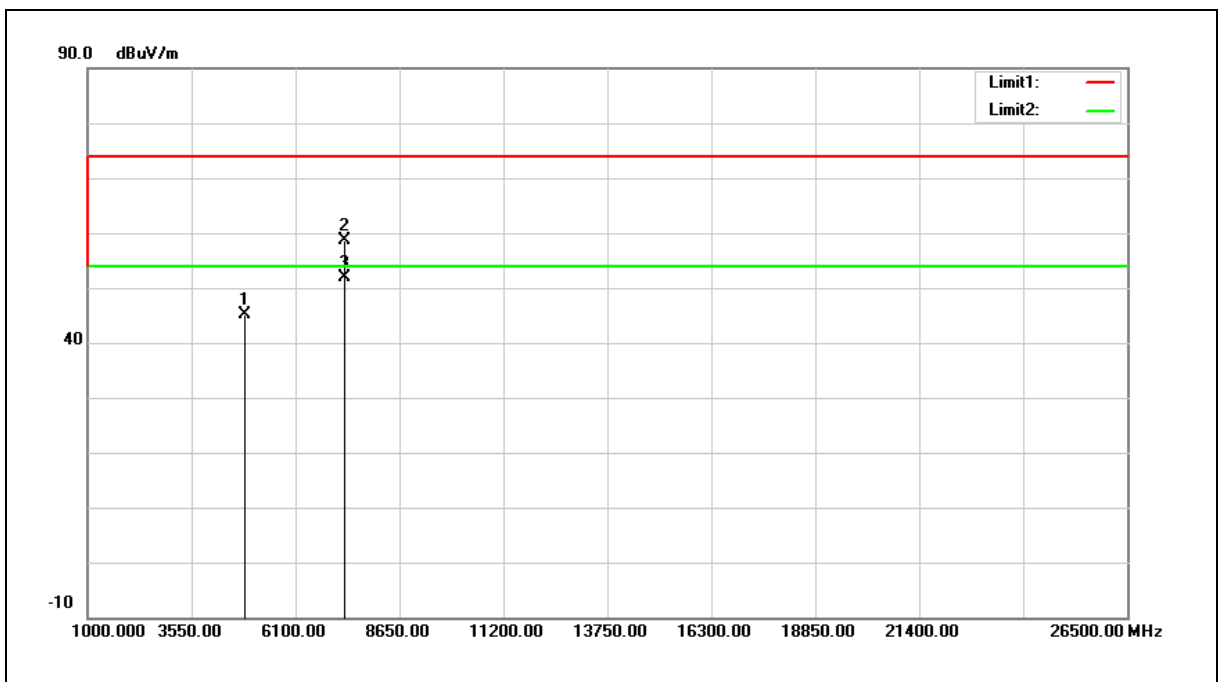
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.91	-1.12	39.79	74.00	-34.21	peak
2	7311.000	48.45	6.11	54.56	74.00	-19.44	peak
3	7311.000	37.61	6.11	43.72	54.00	-10.28	AVG

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

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

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

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



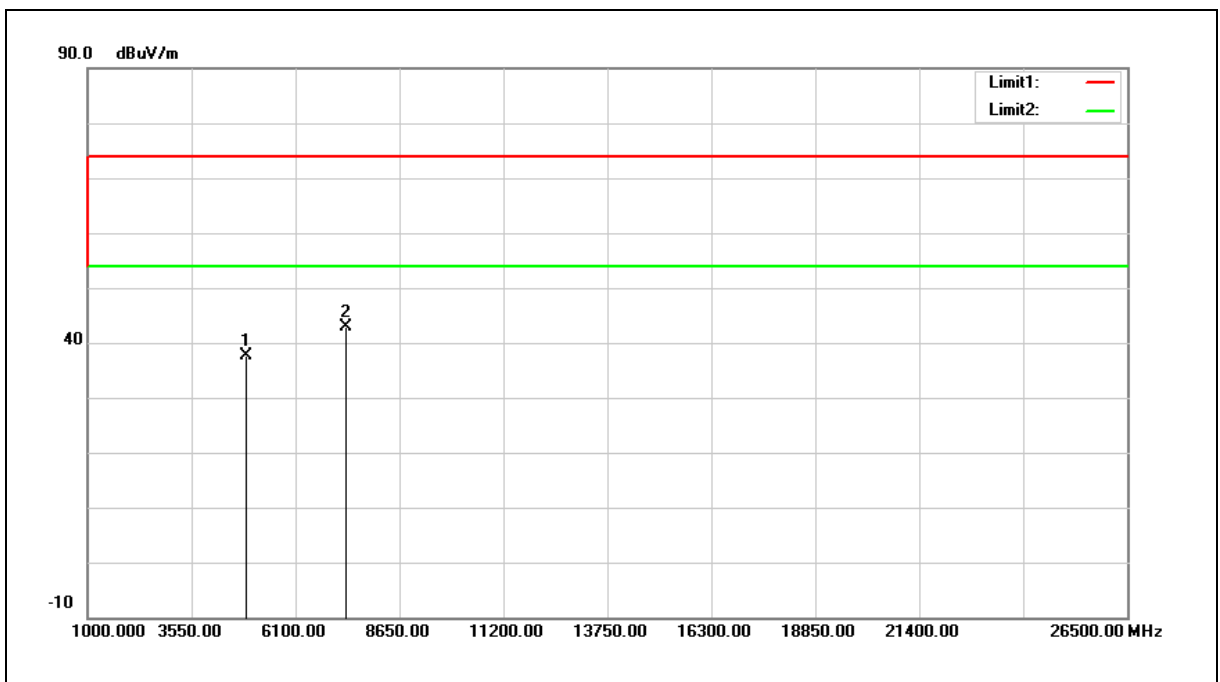
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	46.37	-1.12	45.25	74.00	-28.75	peak
2	7311.000	52.60	6.11	58.71	74.00	-15.29	peak
3	7311.000	45.72	6.11	51.83	54.00	-2.17	AVG

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:	Harmonic		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



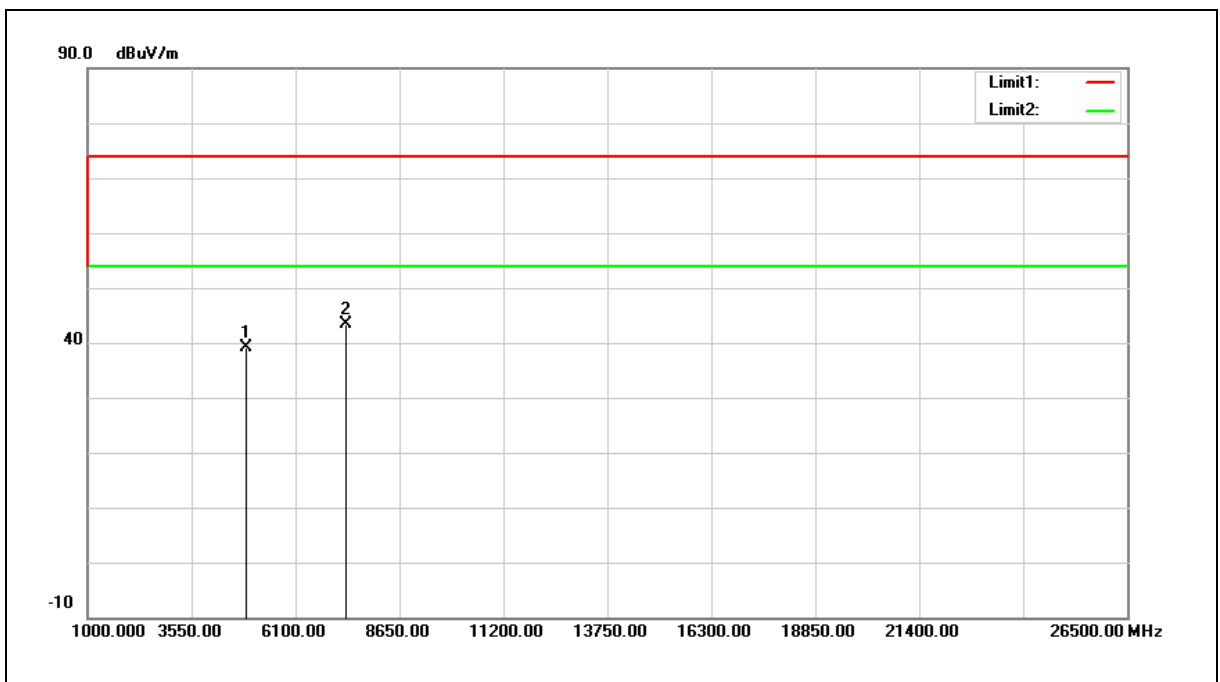
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	38.63	-1.04	37.59	74.00	-36.41	peak
2	7356.000	36.56	6.27	42.83	74.00	-31.17	peak

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		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



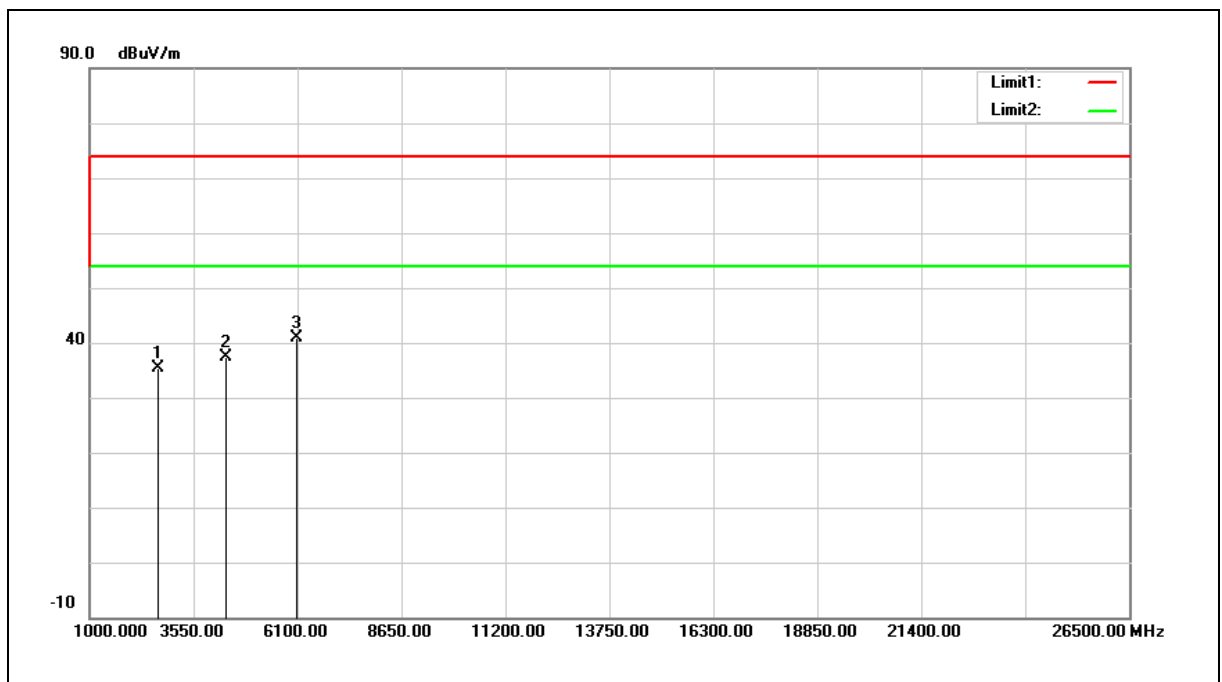
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	40.25	-1.04	39.21	74.00	-34.79	peak
2	7356.000	37.08	6.27	43.35	74.00	-30.65	peak

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



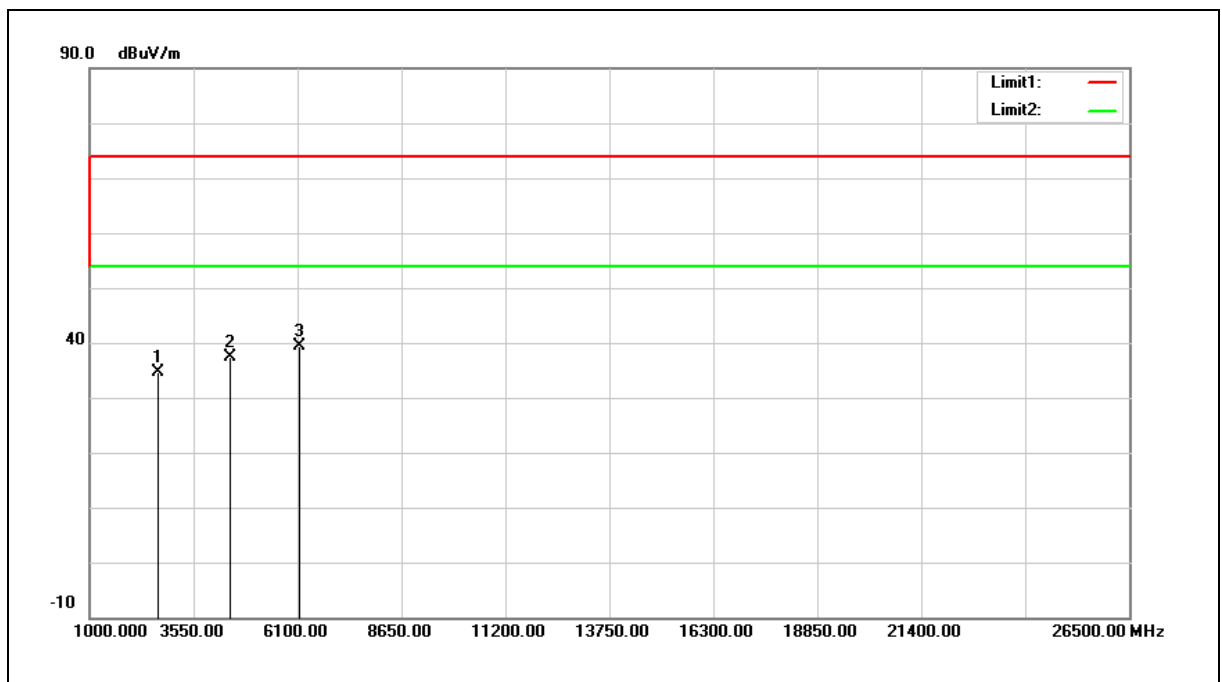
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2666.000	41.97	-6.60	35.37	74.00	-38.63	peak
2	4349.000	39.89	-2.55	37.34	74.00	-36.66	peak
3	6066.000	39.01	1.80	40.81	74.00	-33.19	peak

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

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2683.000	41.04	-6.53	34.51	74.00	-39.49	peak
2	4434.000	39.83	-2.33	37.50	74.00	-36.50	peak
3	6134.000	37.38	2.04	39.42	74.00	-34.58	peak

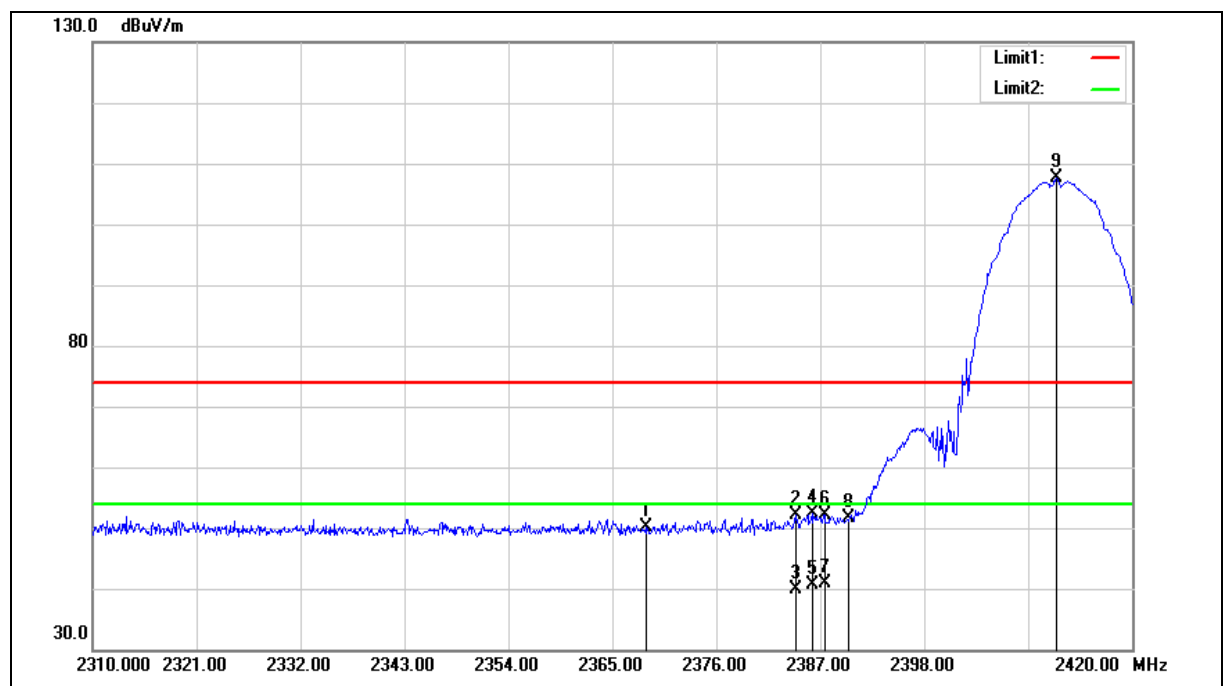
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

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



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

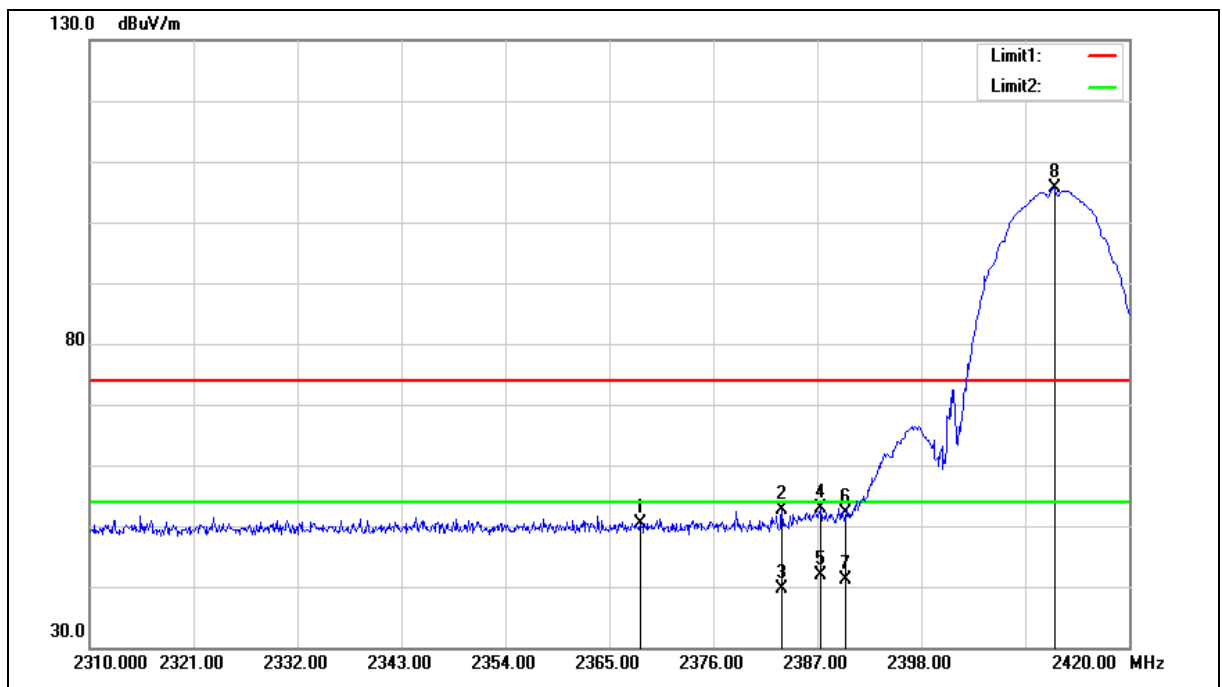
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2368.630	57.85	-7.80	50.05	74.00	-23.95	peak
2	2384.360	59.88	-7.75	52.13	74.00	-21.87	peak
3	2384.360	47.62	-7.75	39.87	54.00	-14.13	AVG
4	2386.120	60.15	-7.73	52.42	74.00	-21.58	peak
5	2386.120	48.32	-7.73	40.59	54.00	-13.41	AVG
6	2387.440	59.94	-7.73	52.21	74.00	-21.79	peak
7	2387.440	48.57	-7.73	40.84	54.00	-13.16	AVG
8	2390.000	59.26	-7.72	51.54	74.00	-22.46	peak
9	2411.970	115.14	-7.63	107.51	--	--	peak

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

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

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

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



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

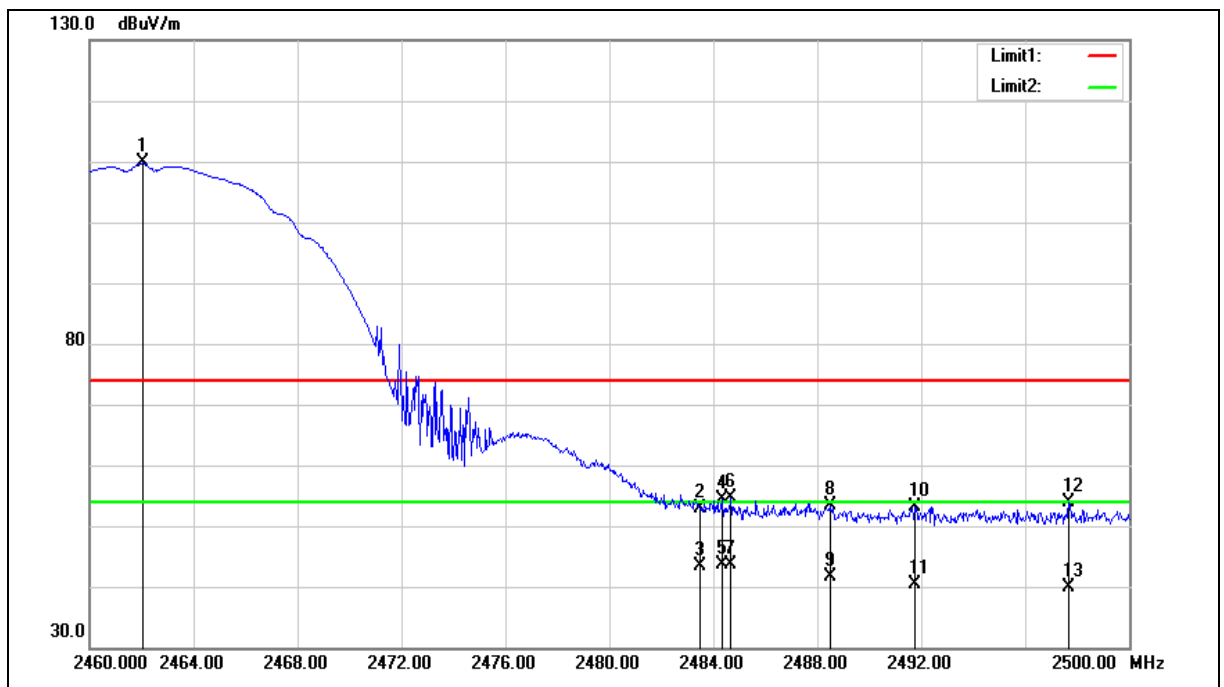
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2368.300	58.26	-7.81	50.45	74.00	-23.55	peak
2	2383.260	60.34	-7.75	52.59	74.00	-21.41	peak
3	2383.260	47.27	-7.75	39.52	54.00	-14.48	AVG
4	2387.330	60.50	-7.73	52.77	74.00	-21.23	peak
5	2387.330	49.62	-7.73	41.89	54.00	-12.11	AVG
6	2390.000	59.84	-7.72	52.12	74.00	-21.88	peak
7	2390.000	48.76	-7.72	41.04	54.00	-12.96	AVG
8	2412.080	113.31	-7.63	105.68	--	--	peak

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

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

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

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



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

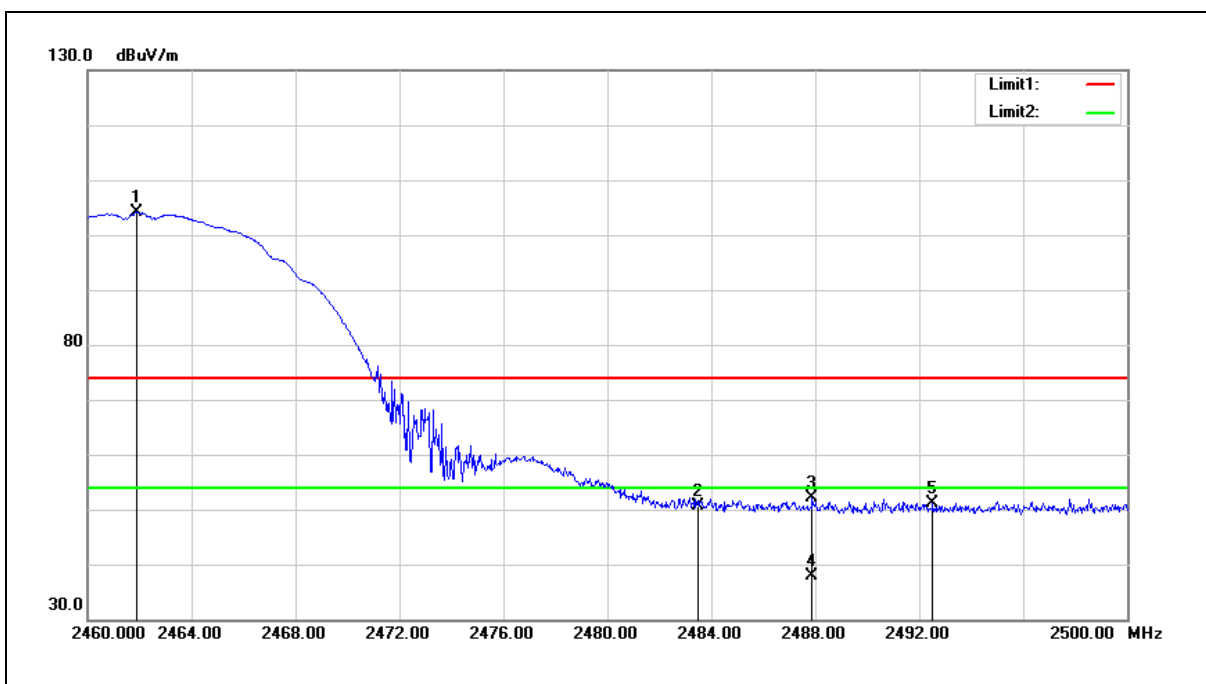
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.040	117.20	-7.42	109.78	--	--	peak
2	2483.500	60.12	-7.34	52.78	74.00	-21.22	peak
3	2483.500	50.70	-7.34	43.36	54.00	-10.64	AVG
4	2484.320	61.60	-7.34	54.26	74.00	-19.74	peak
5	2484.320	50.92	-7.34	43.58	54.00	-10.42	AVG
6	2484.680	61.86	-7.34	54.52	74.00	-19.48	peak
7	2484.680	50.88	-7.34	43.54	54.00	-10.46	AVG
8	2488.480	60.57	-7.31	53.26	74.00	-20.74	peak
9	2488.480	48.86	-7.31	41.55	54.00	-12.45	AVG
10	2491.760	60.50	-7.30	53.20	74.00	-20.80	peak
11	2491.760	47.66	-7.30	40.36	54.00	-13.64	AVG
12	2497.680	61.24	-7.28	53.96	74.00	-20.04	peak
13	2497.680	47.20	-7.28	39.92	54.00	-14.08	AVG

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

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

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

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



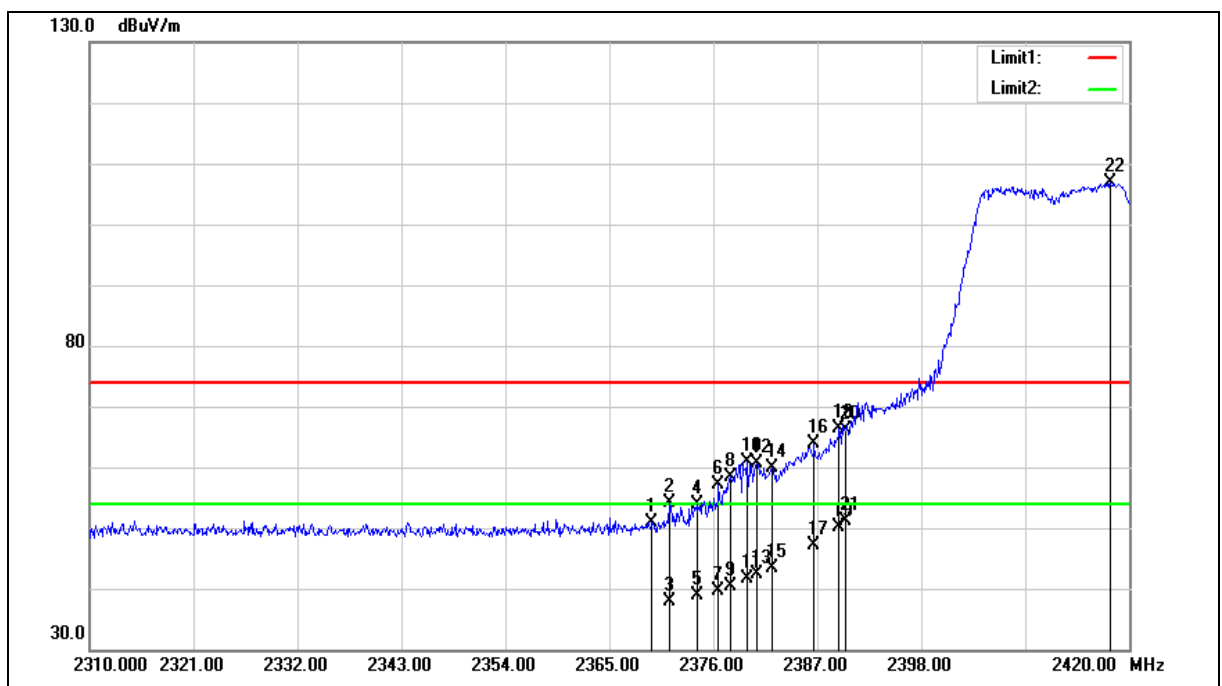
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2461.880	111.65	-7.42	104.23	--	--	peak
2	2483.500	57.89	-7.34	50.55	74.00	-23.45	peak
3	2487.880	59.51	-7.32	52.19	74.00	-21.81	peak
4	2487.880	45.18	-7.32	37.86	54.00	-16.14	AVG
5	2492.520	58.38	-7.30	51.08	74.00	-22.92	peak

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

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

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

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



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

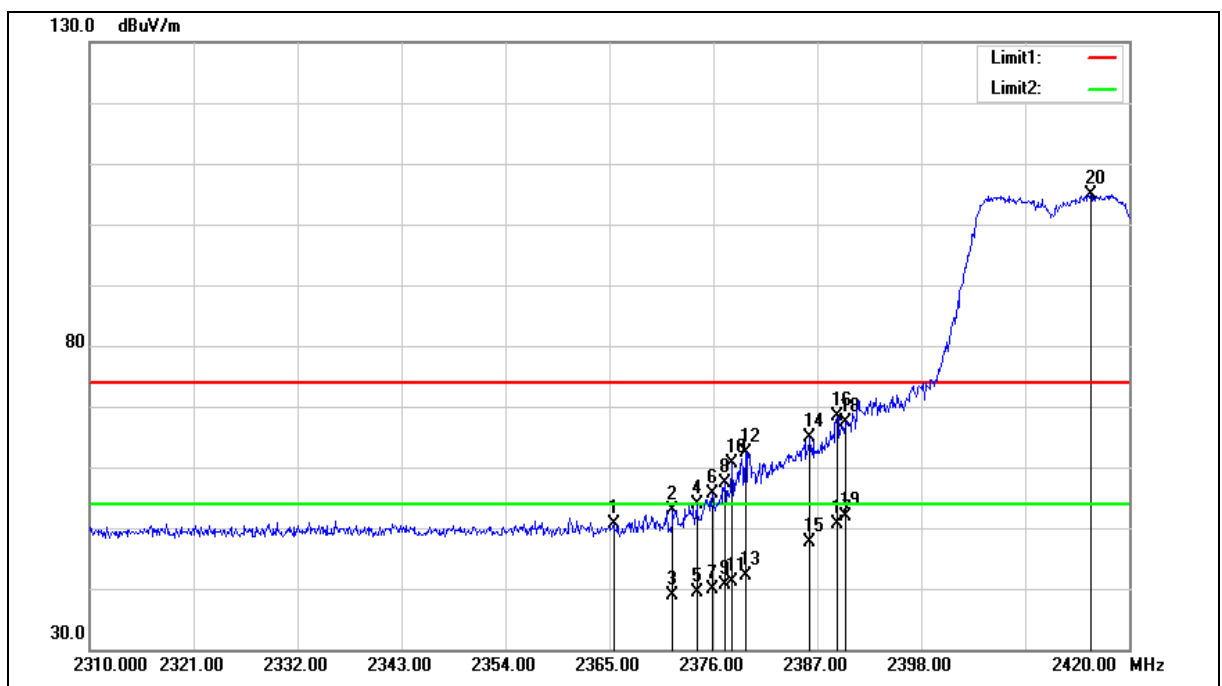
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2369.510	58.72	-7.80	50.92	74.00	-23.08	peak
2	2371.380	61.81	-7.80	54.01	74.00	-19.99	peak
3	2371.380	45.72	-7.80	37.92	54.00	-16.08	AVG
4	2374.350	61.58	-7.78	53.80	74.00	-20.20	peak
5	2374.350	46.62	-7.78	38.84	54.00	-15.16	AVG
6	2376.550	64.93	-7.77	57.16	74.00	-16.84	peak
7	2376.550	47.47	-7.77	39.70	54.00	-14.30	AVG
8	2377.760	66.22	-7.77	58.45	74.00	-15.55	peak
9	2377.760	48.24	-7.77	40.47	54.00	-13.53	AVG
10	2379.630	68.67	-7.76	60.91	74.00	-13.09	peak
11	2379.630	49.47	-7.76	41.71	54.00	-12.29	AVG
12	2380.620	68.34	-7.76	60.58	74.00	-13.42	peak
13	2380.620	50.02	-7.76	42.26	54.00	-11.74	AVG
14	2382.270	67.57	-7.75	59.82	74.00	-14.18	peak
15	2382.270	51.23	-7.75	43.48	54.00	-10.52	AVG
16	2386.670	71.72	-7.73	63.99	74.00	-10.01	peak
17	2386.670	54.96	-7.73	47.23	54.00	-6.77	AVG
18	2389.310	74.14	-7.72	66.42	74.00	-7.58	peak
19	2389.310	57.83	-7.72	50.11	54.00	-3.89	AVG
20	2390.000	73.78	-7.72	66.06	74.00	-7.94	peak
21	2390.000	58.91	-7.72	51.19	54.00	-2.81	AVG
22	2418.020	114.42	-7.61	106.81	--	--	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:	Band edge		
Frequency:	2412 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2365.440	58.33	-7.82	50.51	74.00	-23.49	peak
2	2371.710	60.66	-7.78	52.88	74.00	-21.12	peak
3	2371.710	46.71	-7.78	38.93	54.00	-15.07	AVG
4	2374.240	61.64	-7.78	53.86	74.00	-20.14	peak
5	2374.240	47.16	-7.78	39.38	54.00	-14.62	AVG
6	2375.890	63.41	-7.77	55.64	74.00	-18.36	peak
7	2375.890	47.63	-7.77	39.86	54.00	-14.14	AVG
8	2377.210	65.11	-7.77	57.34	74.00	-16.66	peak
9	2377.210	48.33	-7.77	40.56	54.00	-13.44	AVG
10	2377.980	68.49	-7.77	60.72	74.00	-13.28	peak
11	2377.980	48.88	-7.77	41.11	54.00	-12.89	AVG
12	2379.410	70.15	-7.76	62.39	74.00	-11.61	peak
13	2379.410	49.99	-7.76	42.23	54.00	-11.77	AVG
14	2386.230	72.52	-7.73	64.79	74.00	-9.21	peak
15	2386.230	55.39	-7.73	47.66	54.00	-6.34	AVG
16	2389.090	76.12	-7.72	68.40	74.00	-5.60	peak
17	2389.090	58.38	-7.72	50.66	54.00	-3.34	AVG
18	2390.000	75.17	-7.72	67.45	74.00	-6.55	peak
19	2390.000	59.66	-7.72	51.94	54.00	-2.06	AVG
20	2415.930	112.50	-7.61	104.89	--	--	peak

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

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

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

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

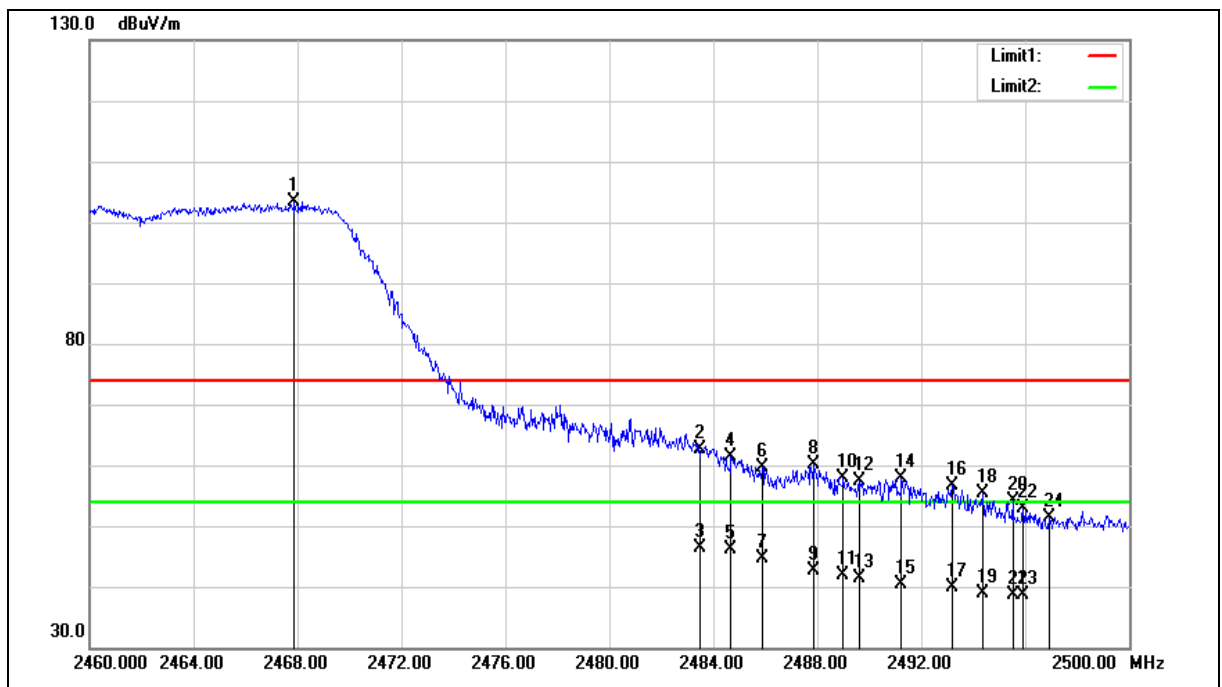
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2466.200	117.02	-7.41	109.61	--	--	peak
2	2483.500	76.72	-7.34	69.38	74.00	-4.62	peak
3	2483.500	59.14	-7.34	51.80	54.00	-2.20	AVG
4	2484.360	77.06	-7.34	69.72	74.00	-4.28	peak
5	2484.360	59.32	-7.34	51.98	54.00	-2.02	AVG
6	2485.080	75.67	-7.33	68.34	74.00	-5.66	peak
7	2485.080	58.62	-7.33	51.29	54.00	-2.71	AVG
8	2487.440	75.43	-7.32	68.11	74.00	-5.89	peak
9	2487.440	55.36	-7.32	48.04	54.00	-5.96	AVG
10	2487.880	74.96	-7.32	67.64	74.00	-6.36	peak
11	2487.880	55.02	-7.32	47.70	54.00	-6.30	AVG
12	2490.760	73.12	-7.31	65.81	74.00	-8.19	peak
13	2490.760	53.10	-7.31	45.79	54.00	-8.21	AVG
14	2491.480	70.53	-7.31	63.22	74.00	-10.78	peak
15	2491.480	52.47	-7.31	45.16	54.00	-8.84	AVG
16	2491.680	71.05	-7.30	63.75	74.00	-10.25	peak
17	2491.680	52.40	-7.30	45.10	54.00	-8.90	AVG
18	2493.680	70.22	-7.29	62.93	74.00	-11.07	peak
19	2493.680	51.01	-7.29	43.72	54.00	-10.28	AVG
20	2494.560	67.81	-7.29	60.52	74.00	-13.48	peak
21	2494.560	50.29	-7.29	43.00	54.00	-11.00	AVG
22	2497.520	65.29	-7.28	58.01	74.00	-15.99	peak
23	2497.520	48.40	-7.28	41.12	54.00	-12.88	AVG

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

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

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

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



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

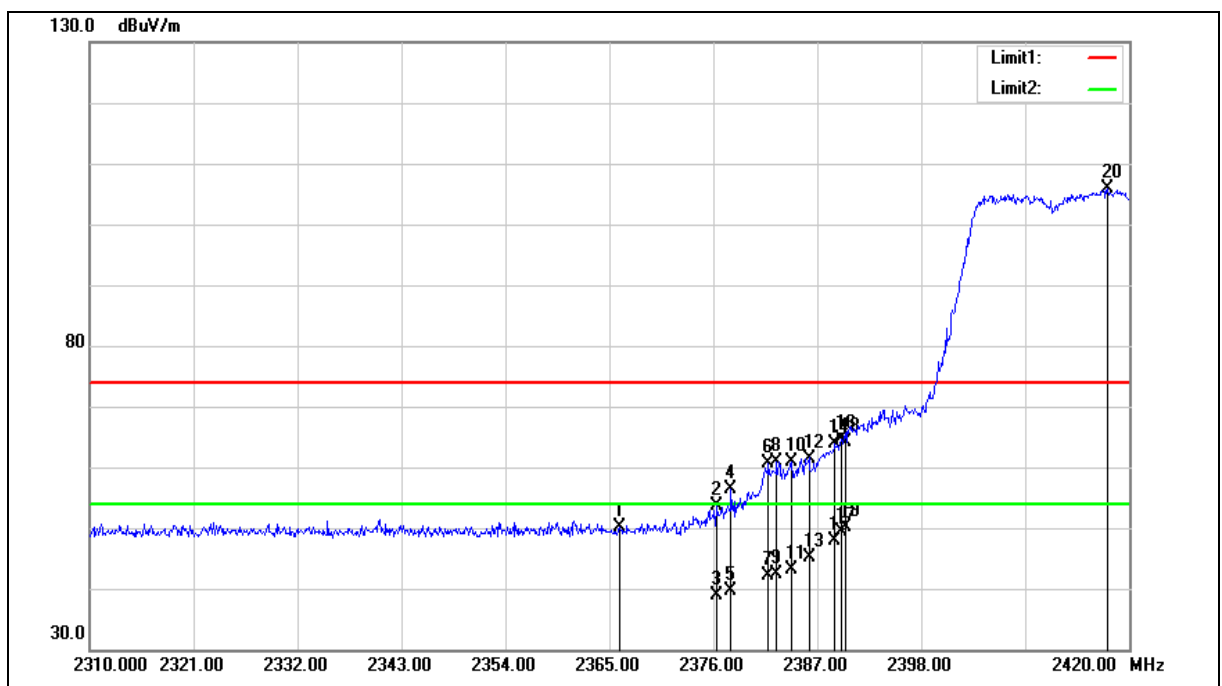
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2467.880	110.87	-7.40	103.47	--	--	peak
2	2483.500	70.02	-7.34	62.68	74.00	-11.32	peak
3	2483.500	53.75	-7.34	46.41	54.00	-7.59	AVG
4	2484.680	68.67	-7.34	61.33	74.00	-12.67	peak
5	2484.680	53.45	-7.34	46.11	54.00	-7.89	AVG
6	2485.880	67.02	-7.32	59.70	74.00	-14.30	peak
7	2485.880	51.85	-7.32	44.53	54.00	-9.47	AVG
8	2487.840	67.35	-7.32	60.03	74.00	-13.97	peak
9	2487.840	49.90	-7.32	42.58	54.00	-11.42	AVG
10	2489.000	65.11	-7.31	57.80	74.00	-16.20	peak
11	2489.000	49.22	-7.31	41.91	54.00	-12.09	AVG
12	2489.600	64.73	-7.31	57.42	74.00	-16.58	peak
13	2489.600	48.79	-7.31	41.48	54.00	-12.52	AVG
14	2491.240	65.24	-7.31	57.93	74.00	-16.07	peak
15	2491.240	47.77	-7.31	40.46	54.00	-13.54	AVG
16	2493.200	63.84	-7.30	56.54	74.00	-17.46	peak
17	2493.200	47.22	-7.30	39.92	54.00	-14.08	AVG
18	2494.360	62.60	-7.29	55.31	74.00	-18.69	peak
19	2494.360	46.29	-7.29	39.00	54.00	-15.00	AVG
20	2495.520	61.37	-7.28	54.09	74.00	-19.91	peak
21	2495.520	45.93	-7.28	38.65	54.00	-15.35	AVG
22	2495.920	60.09	-7.28	52.81	74.00	-21.19	peak
23	2495.920	45.88	-7.28	38.60	54.00	-15.40	AVG
24	2496.920	58.66	-7.28	51.38	74.00	-22.62	peak

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

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

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

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



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

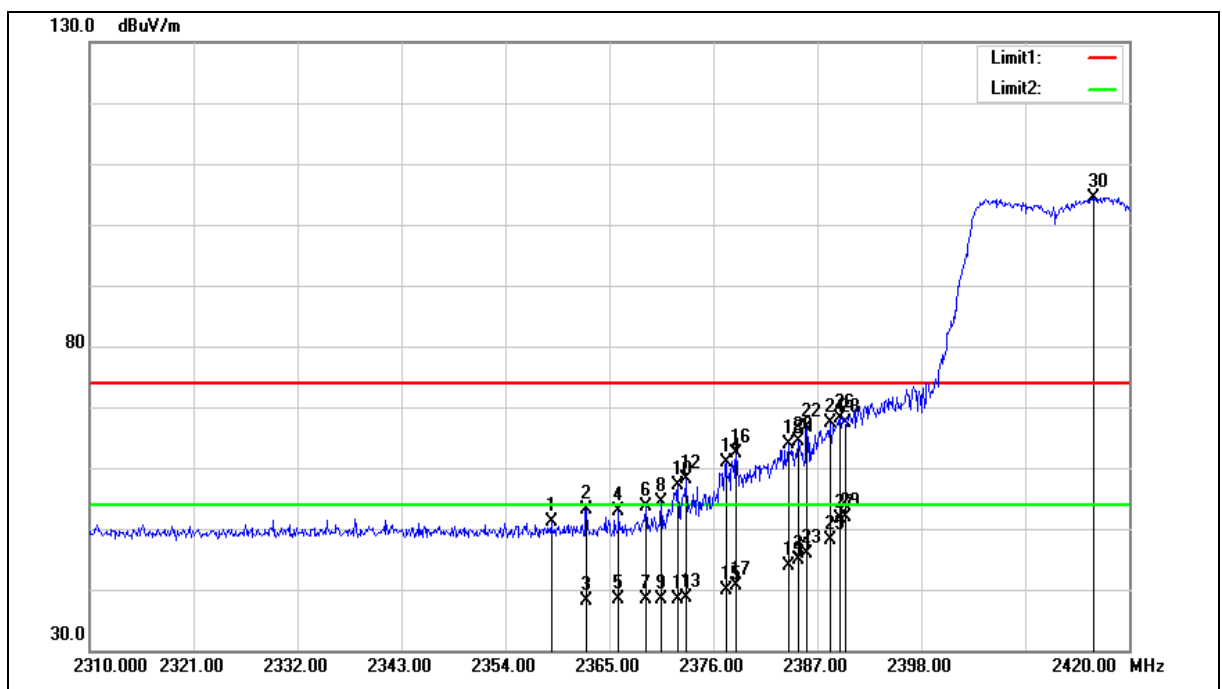
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2366.100	57.88	-7.82	50.06	74.00	-23.94	peak
2	2376.330	61.32	-7.77	53.55	74.00	-20.45	peak
3	2376.330	46.74	-7.77	38.97	54.00	-15.03	AVG
4	2377.870	64.15	-7.77	56.38	74.00	-17.62	peak
5	2377.870	47.45	-7.77	39.68	54.00	-14.32	AVG
6	2381.830	68.40	-7.75	60.65	74.00	-13.35	peak
7	2381.830	49.76	-7.75	42.01	54.00	-11.99	AVG
8	2382.710	68.72	-7.75	60.97	74.00	-13.03	peak
9	2382.710	50.14	-7.75	42.39	54.00	-11.61	AVG
10	2384.250	68.59	-7.75	60.84	74.00	-13.16	peak
11	2384.250	50.97	-7.75	43.22	54.00	-10.78	AVG
12	2386.120	69.23	-7.73	61.50	74.00	-12.50	peak
13	2386.120	52.96	-7.73	45.23	54.00	-8.77	AVG
14	2388.870	71.61	-7.72	63.89	74.00	-10.11	peak
15	2388.870	55.58	-7.72	47.86	54.00	-6.14	AVG
16	2389.530	72.26	-7.72	64.54	74.00	-9.46	peak
17	2389.530	57.11	-7.72	49.39	54.00	-4.61	AVG
18	2390.000	71.91	-7.72	64.19	74.00	-9.81	peak
19	2390.000	57.93	-7.72	50.21	54.00	-3.79	AVG
20	2417.690	113.44	-7.61	105.83	--	--	peak

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

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

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2358.840	58.91	-7.84	51.07	74.00	-22.93	peak
2	2362.580	60.92	-7.83	53.09	74.00	-20.91	peak
3	2362.580	46.01	-7.83	38.18	54.00	-15.82	AVG
4	2365.990	60.68	-7.82	52.86	74.00	-21.14	peak
5	2365.990	46.31	-7.82	38.49	54.00	-15.51	AVG
6	2368.850	61.37	-7.80	53.57	74.00	-20.43	peak
7	2368.850	46.12	-7.80	38.32	54.00	-15.68	AVG
8	2370.500	62.26	-7.80	54.46	74.00	-19.54	peak
9	2370.500	46.14	-7.80	38.34	54.00	-15.66	AVG
10	2372.260	64.86	-7.78	57.08	74.00	-16.92	peak
11	2372.260	46.25	-7.78	38.47	54.00	-15.53	AVG
12	2373.140	65.83	-7.78	58.05	74.00	-15.95	peak
13	2373.140	46.50	-7.78	38.72	54.00	-15.28	AVG
14	2377.320	68.72	-7.77	60.95	74.00	-13.05	peak
15	2377.320	47.66	-7.77	39.89	54.00	-14.11	AVG
16	2378.420	70.09	-7.76	62.33	74.00	-11.67	peak
17	2378.420	48.31	-7.76	40.55	54.00	-13.45	AVG
18	2383.920	71.61	-7.75	63.86	74.00	-10.14	peak
19	2383.920	51.74	-7.75	43.99	54.00	-10.01	AVG
20	2385.020	72.07	-7.74	64.33	74.00	-9.67	peak
21	2385.020	52.56	-7.74	44.82	54.00	-9.18	AVG
22	2385.900	74.25	-7.73	66.52	74.00	-7.48	peak
23	2385.900	53.67	-7.73	45.94	54.00	-8.06	AVG

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

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

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

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

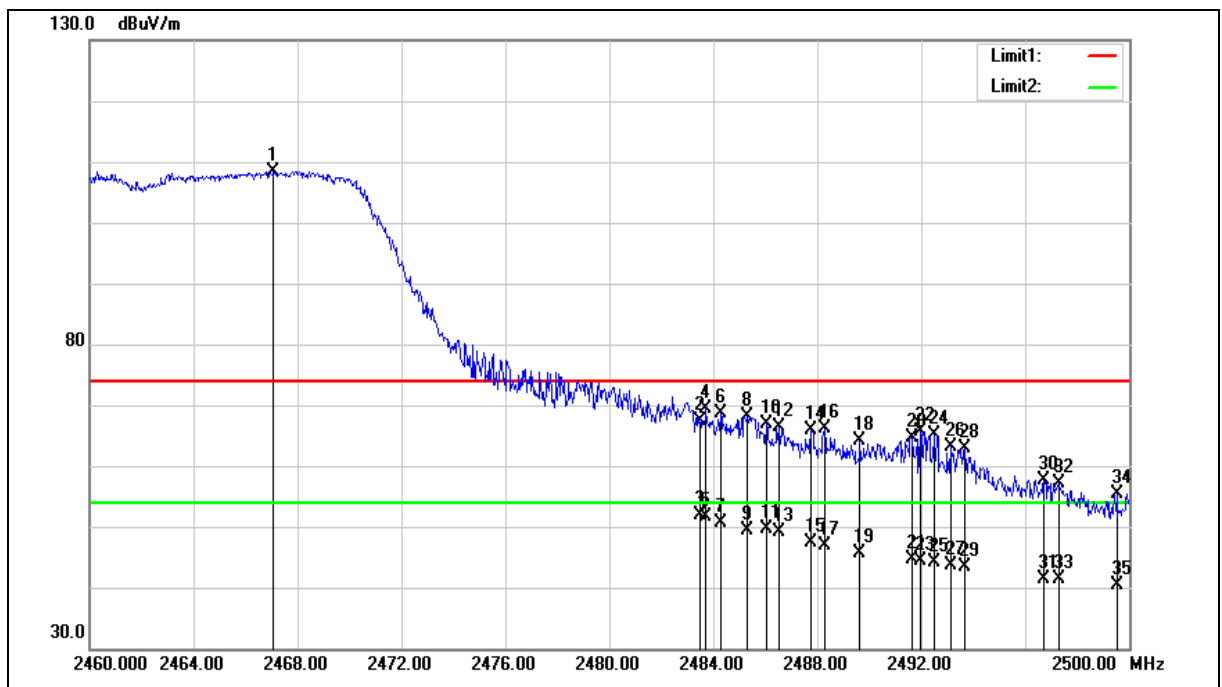
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	2388.320	75.10	-7.73	67.37	74.00	-6.63	peak
25	2388.320	55.78	-7.73	48.05	54.00	-5.95	AVG
26	2389.420	75.85	-7.72	68.13	74.00	-5.87	peak
27	2389.420	59.29	-7.72	51.57	54.00	-2.43	AVG
28	2390.000	75.18	-7.72	67.46	74.00	-6.54	peak
29	2390.000	59.60	-7.72	51.88	54.00	-2.12	AVG
30	2416.260	112.09	-7.61	104.48	--	--	peak

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

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

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2467.080	115.88	-7.40	108.48	--	--	peak
2	2483.500	74.83	-7.34	67.49	74.00	-6.51	peak
3	2483.500	59.12	-7.34	51.78	54.00	-2.22	AVG
4	2483.720	76.75	-7.34	69.41	74.00	-4.59	peak
5	2483.720	58.98	-7.34	51.64	54.00	-2.36	AVG
6	2484.280	76.08	-7.34	68.74	74.00	-5.26	peak
7	2484.280	57.97	-7.34	50.63	54.00	-3.37	AVG
8	2485.280	75.45	-7.33	68.12	74.00	-5.88	peak
9	2485.280	56.75	-7.33	49.42	54.00	-4.58	AVG
10	2486.040	74.25	-7.32	66.93	74.00	-7.07	peak
11	2486.040	56.84	-7.32	49.52	54.00	-4.48	AVG
12	2486.520	73.76	-7.32	66.44	74.00	-7.56	peak
13	2486.520	56.53	-7.32	49.21	54.00	-4.79	AVG
14	2487.760	73.29	-7.32	65.97	74.00	-8.03	peak
15	2487.760	54.76	-7.32	47.44	54.00	-6.56	AVG
16	2488.280	73.47	-7.32	66.15	74.00	-7.85	peak
17	2488.280	54.15	-7.32	46.83	54.00	-7.17	AVG
18	2489.640	71.48	-7.31	64.17	74.00	-9.83	peak
19	2489.640	52.93	-7.31	45.62	54.00	-8.38	AVG
20	2491.640	71.98	-7.31	64.67	74.00	-9.33	peak
21	2491.640	51.97	-7.31	44.66	54.00	-9.34	AVG
22	2491.960	72.98	-7.30	65.68	74.00	-8.32	peak
23	2491.960	51.66	-7.30	44.36	54.00	-9.64	AVG

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

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

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

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

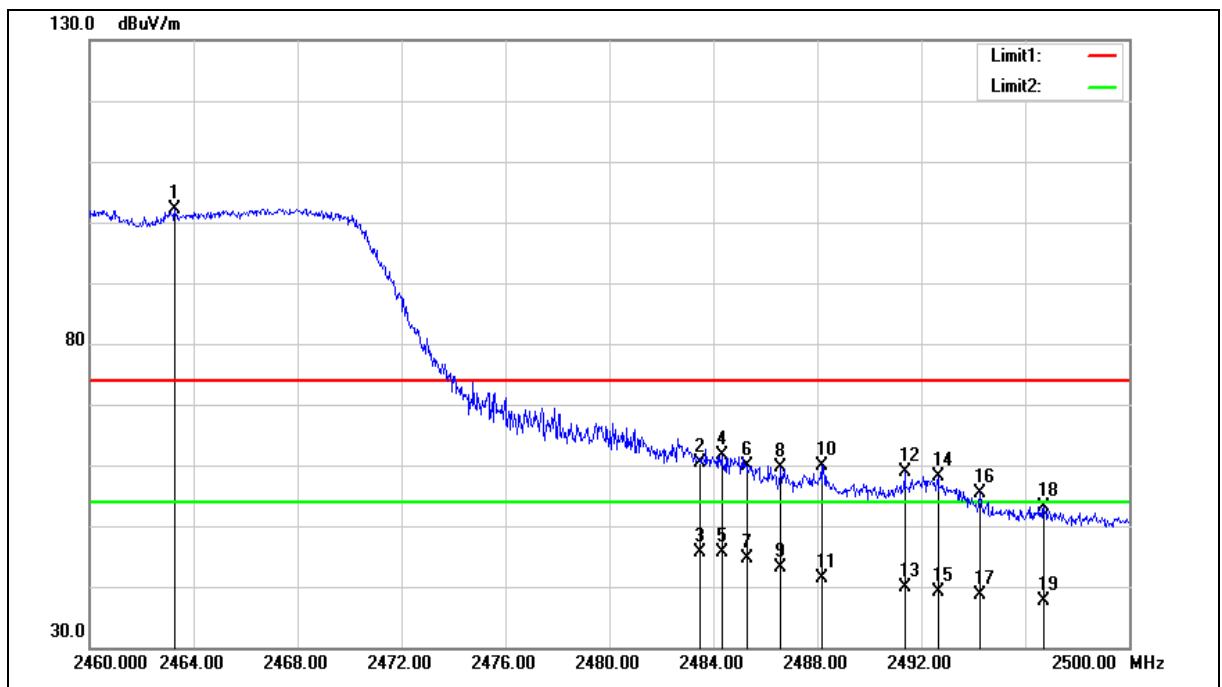
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	2492.520	72.47	-7.30	65.17	74.00	-8.83	peak
25	2492.520	51.40	-7.30	44.10	54.00	-9.90	AVG
26	2493.160	70.34	-7.30	63.04	74.00	-10.96	peak
27	2493.160	50.85	-7.30	43.55	54.00	-10.45	AVG
28	2493.680	70.12	-7.29	62.83	74.00	-11.17	peak
29	2493.680	50.62	-7.29	43.33	54.00	-10.67	AVG
30	2496.720	64.92	-7.28	57.64	74.00	-16.36	peak
31	2496.720	48.76	-7.28	41.48	54.00	-12.52	AVG
32	2497.280	64.52	-7.28	57.24	74.00	-16.76	peak
33	2497.280	48.69	-7.28	41.41	54.00	-12.59	AVG
34	2499.520	62.53	-7.27	55.26	74.00	-18.74	peak
35	2499.520	47.71	-7.27	40.44	54.00	-13.56	AVG

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

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

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

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



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

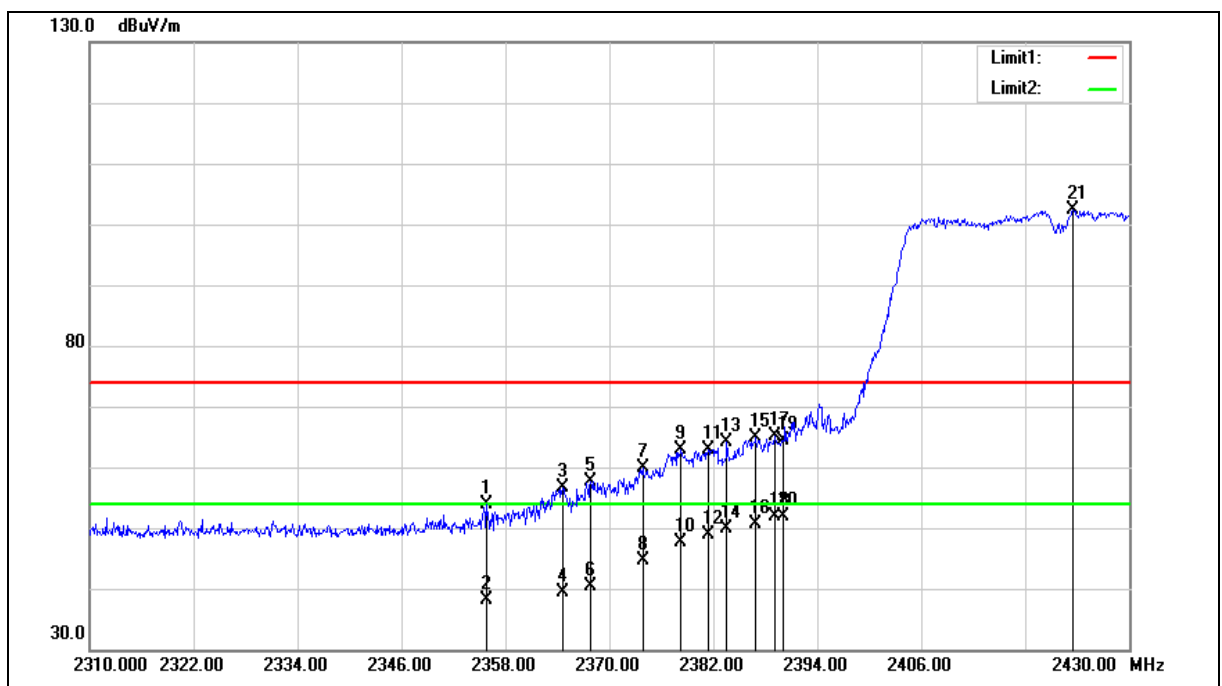
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.280	109.57	-7.42	102.15	--	--	peak
2	2483.500	67.69	-7.34	60.35	74.00	-13.65	peak
3	2483.500	52.95	-7.34	45.61	54.00	-8.39	AVG
4	2484.320	69.00	-7.34	61.66	74.00	-12.34	peak
5	2484.320	53.08	-7.34	45.74	54.00	-8.26	AVG
6	2485.280	67.31	-7.33	59.98	74.00	-14.02	peak
7	2485.280	51.89	-7.33	44.56	54.00	-9.44	AVG
8	2486.600	66.88	-7.32	59.56	74.00	-14.44	peak
9	2486.600	50.42	-7.32	43.10	54.00	-10.90	AVG
10	2488.160	67.29	-7.32	59.97	74.00	-14.03	peak
11	2488.160	48.79	-7.32	41.47	54.00	-12.53	AVG
12	2491.360	66.16	-7.31	58.85	74.00	-15.15	peak
13	2491.360	47.13	-7.31	39.82	54.00	-14.18	AVG
14	2492.640	65.32	-7.30	58.02	74.00	-15.98	peak
15	2492.640	46.50	-7.30	39.20	54.00	-14.80	AVG
16	2494.240	62.66	-7.29	55.37	74.00	-18.63	peak
17	2494.240	45.84	-7.29	38.55	54.00	-15.45	AVG
18	2496.720	60.51	-7.28	53.23	74.00	-20.77	peak
19	2496.720	45.00	-7.28	37.72	54.00	-16.28	AVG

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

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

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

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



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

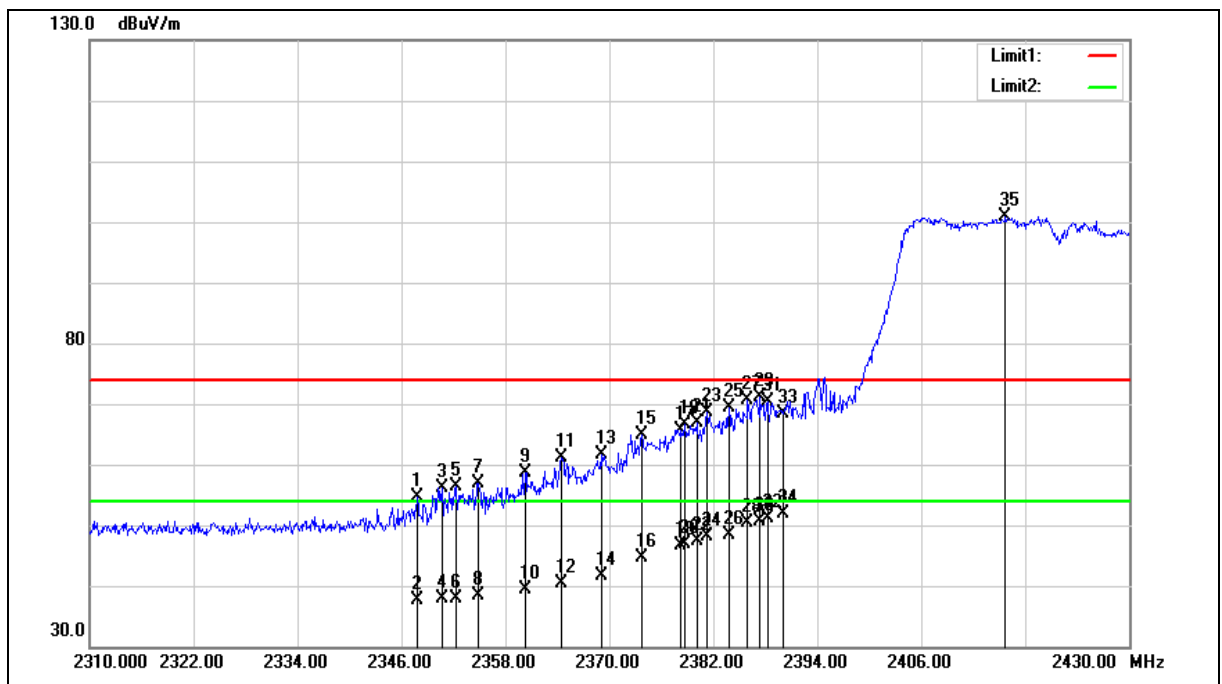
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2355.840	61.85	-7.86	53.99	74.00	-20.01	peak
2	2355.840	45.94	-7.86	38.08	54.00	-15.92	AVG
3	2364.600	64.38	-7.83	56.55	74.00	-17.45	peak
4	2364.600	47.30	-7.83	39.47	54.00	-14.53	AVG
5	2367.840	65.55	-7.81	57.74	74.00	-16.26	peak
6	2367.840	48.16	-7.81	40.35	54.00	-13.65	AVG
7	2373.840	67.64	-7.78	59.86	74.00	-14.14	peak
8	2373.840	52.30	-7.78	44.52	54.00	-9.48	AVG
9	2378.280	70.62	-7.77	62.85	74.00	-11.15	peak
10	2378.280	55.48	-7.77	47.71	54.00	-6.29	AVG
11	2381.400	70.67	-7.76	62.91	74.00	-11.09	peak
12	2381.400	56.63	-7.76	48.87	54.00	-5.13	AVG
13	2383.560	71.78	-7.75	64.03	74.00	-9.97	peak
14	2383.560	57.66	-7.75	49.91	54.00	-4.09	AVG
15	2386.920	72.64	-7.73	64.91	74.00	-9.09	peak
16	2386.920	58.43	-7.73	50.70	54.00	-3.30	AVG
17	2389.080	72.95	-7.72	65.23	74.00	-8.77	peak
18	2389.080	59.64	-7.72	51.92	54.00	-2.08	AVG
19	2390.000	72.03	-7.72	64.31	74.00	-9.69	peak
20	2390.000	59.70	-7.72	51.98	54.00	-2.02	AVG
21	2423.520	109.88	-7.59	102.29	--	--	peak

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

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

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2347.800	62.45	-7.89	54.56	74.00	-19.44	peak
2	2347.800	45.48	-7.89	37.59	54.00	-16.41	AVG
3	2350.680	64.07	-7.88	56.19	74.00	-17.81	peak
4	2350.680	45.74	-7.88	37.86	54.00	-16.14	AVG
5	2352.240	64.28	-7.87	56.41	74.00	-17.59	peak
6	2352.240	45.85	-7.87	37.98	54.00	-16.02	AVG
7	2354.880	64.78	-7.87	56.91	74.00	-17.09	peak
8	2354.880	46.32	-7.87	38.45	54.00	-15.55	AVG
9	2360.280	66.46	-7.84	58.62	74.00	-15.38	peak
10	2360.280	47.15	-7.84	39.31	54.00	-14.69	AVG
11	2364.480	68.95	-7.83	61.12	74.00	-12.88	peak
12	2364.480	48.13	-7.83	40.30	54.00	-13.70	AVG
13	2369.040	69.39	-7.80	61.59	74.00	-12.41	peak
14	2369.040	49.52	-7.80	41.72	54.00	-12.28	AVG
15	2373.720	72.60	-7.78	64.82	74.00	-9.18	peak
16	2373.720	52.36	-7.78	44.58	54.00	-9.42	AVG
17	2378.280	73.44	-7.77	65.67	74.00	-8.33	peak
18	2378.280	54.48	-7.77	46.71	54.00	-7.29	AVG
19	2378.640	74.35	-7.76	66.59	74.00	-7.41	peak
20	2378.640	54.76	-7.76	47.00	54.00	-7.00	AVG
21	2380.080	74.64	-7.76	66.88	74.00	-7.12	peak
22	2380.080	55.12	-7.76	47.36	54.00	-6.64	AVG
23	2381.280	76.41	-7.76	68.65	74.00	-5.35	peak

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

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

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

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

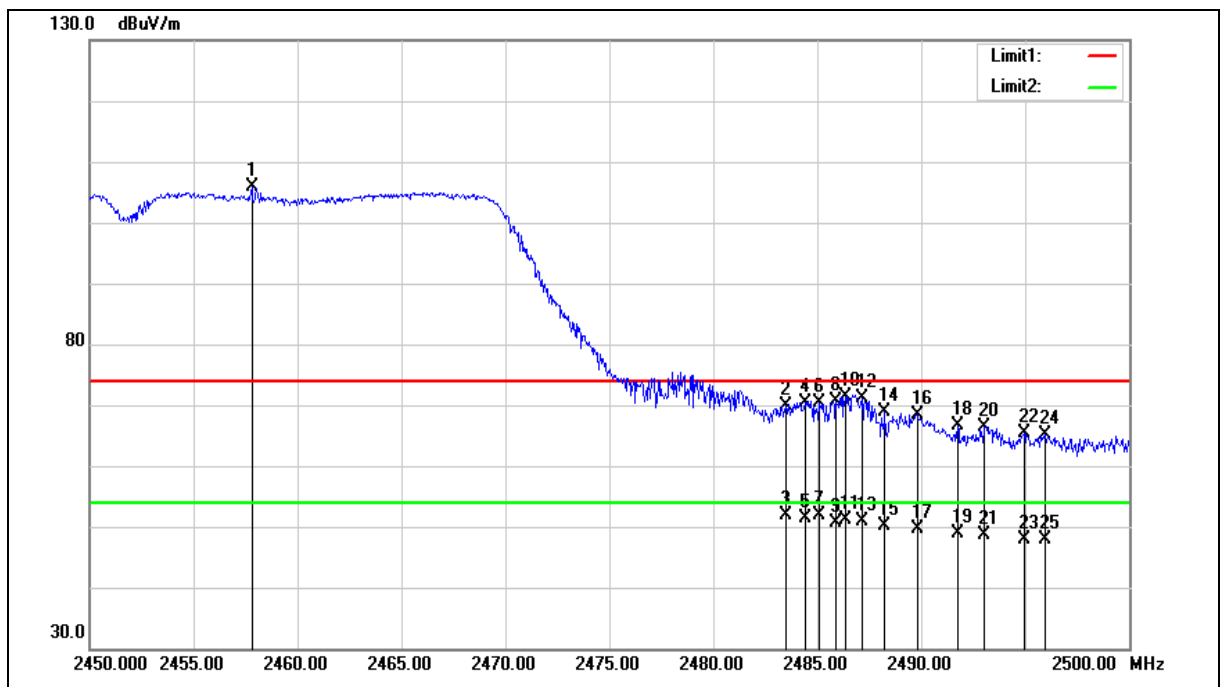
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	2381.280	55.90	-7.76	48.14	54.00	-5.86	AVG
25	2383.800	77.08	-7.75	69.33	74.00	-4.67	peak
26	2383.800	56.23	-7.75	48.48	54.00	-5.52	AVG
27	2385.960	78.32	-7.73	70.59	74.00	-3.41	peak
28	2385.960	58.08	-7.73	50.35	54.00	-3.65	AVG
29	2387.400	78.98	-7.73	71.25	74.00	-2.75	peak
30	2387.400	58.47	-7.73	50.74	54.00	-3.26	AVG
31	2388.240	78.13	-7.73	70.40	74.00	-3.60	peak
32	2388.240	58.95	-7.73	51.22	54.00	-2.78	AVG
33	2390.000	76.17	-7.72	68.45	74.00	-5.55	peak
34	2390.000	59.52	-7.72	51.80	54.00	-2.20	AVG
35	2415.720	108.54	-7.61	100.93	--	--	peak

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

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

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2457.800	113.27	-7.44	105.83	--	--	peak
2	2483.500	77.33	-7.34	69.99	74.00	-4.01	peak
3	2483.500	59.28	-7.34	51.94	54.00	-2.06	AVG
4	2484.400	77.61	-7.34	70.27	74.00	-3.73	peak
5	2484.400	58.84	-7.34	51.50	54.00	-2.50	AVG
6	2485.100	77.76	-7.33	70.43	74.00	-3.57	peak
7	2485.100	59.11	-7.33	51.78	54.00	-2.22	AVG
8	2485.900	77.92	-7.32	70.60	74.00	-3.40	peak
9	2485.900	58.05	-7.32	50.73	54.00	-3.27	AVG
10	2486.350	78.79	-7.32	71.47	74.00	-2.53	peak
11	2486.350	58.34	-7.32	51.02	54.00	-2.98	AVG
12	2487.150	78.44	-7.32	71.12	74.00	-2.88	peak
13	2487.150	58.20	-7.32	50.88	54.00	-3.12	AVG
14	2488.250	76.18	-7.32	68.86	74.00	-5.14	peak
15	2488.250	57.36	-7.32	50.04	54.00	-3.96	AVG
16	2489.800	75.80	-7.31	68.49	74.00	-5.51	peak
17	2489.800	57.01	-7.31	49.70	54.00	-4.30	AVG
18	2491.750	73.93	-7.30	66.63	74.00	-7.37	peak
19	2491.750	56.17	-7.30	48.87	54.00	-5.13	AVG
20	2493.050	73.79	-7.30	66.49	74.00	-7.51	peak
21	2493.050	55.97	-7.30	48.67	54.00	-5.33	AVG
22	2494.950	72.65	-7.29	65.36	74.00	-8.64	peak
23	2494.950	55.29	-7.29	48.00	54.00	-6.00	AVG

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

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

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

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	2495.950	72.48	-7.28	65.20	74.00	-8.80	peak
25	2495.950	55.11	-7.28	47.83	54.00	-6.17	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		
Frequency:	2452 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2450.300	106.68	-7.48	99.20	--	--	peak
2	2483.500	69.75	-7.34	62.41	74.00	-11.59	peak
3	2483.500	59.07	-7.34	51.73	54.00	-2.27	AVG
4	2483.900	70.15	-7.34	62.81	74.00	-11.19	peak
5	2483.900	58.87	-7.34	51.53	54.00	-2.47	AVG
6	2484.150	68.49	-7.34	61.15	74.00	-12.85	peak
7	2484.150	58.71	-7.34	51.37	54.00	-2.63	AVG
8	2484.650	68.38	-7.34	61.04	74.00	-12.96	peak
9	2484.650	58.68	-7.34	51.34	54.00	-2.66	AVG
10	2486.450	69.18	-7.32	61.86	74.00	-12.14	peak
11	2486.450	57.78	-7.32	50.46	54.00	-3.54	AVG
12	2486.900	68.97	-7.32	61.65	74.00	-12.35	peak
13	2486.900	57.79	-7.32	50.47	54.00	-3.53	AVG
14	2487.400	68.29	-7.32	60.97	74.00	-13.03	peak
15	2487.400	56.66	-7.32	49.34	54.00	-4.66	AVG
16	2489.500	66.10	-7.31	58.79	74.00	-15.21	peak
17	2489.500	55.54	-7.31	48.23	54.00	-5.77	AVG
18	2492.700	64.93	-7.30	57.63	74.00	-16.37	peak
19	2492.700	55.43	-7.30	48.13	54.00	-5.87	AVG
20	2494.900	63.74	-7.29	56.45	74.00	-17.55	peak
21	2494.900	54.11	-7.29	46.82	54.00	-7.18	AVG
22	2497.700	62.93	-7.28	55.65	74.00	-18.35	peak
23	2497.700	52.20	-7.28	44.92	54.00	-9.08	AVG

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

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

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

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	2498.250	63.01	-7.28	55.73	74.00	-18.27	peak
25	2498.250	50.86	-7.28	43.58	54.00	-10.42	AVG

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

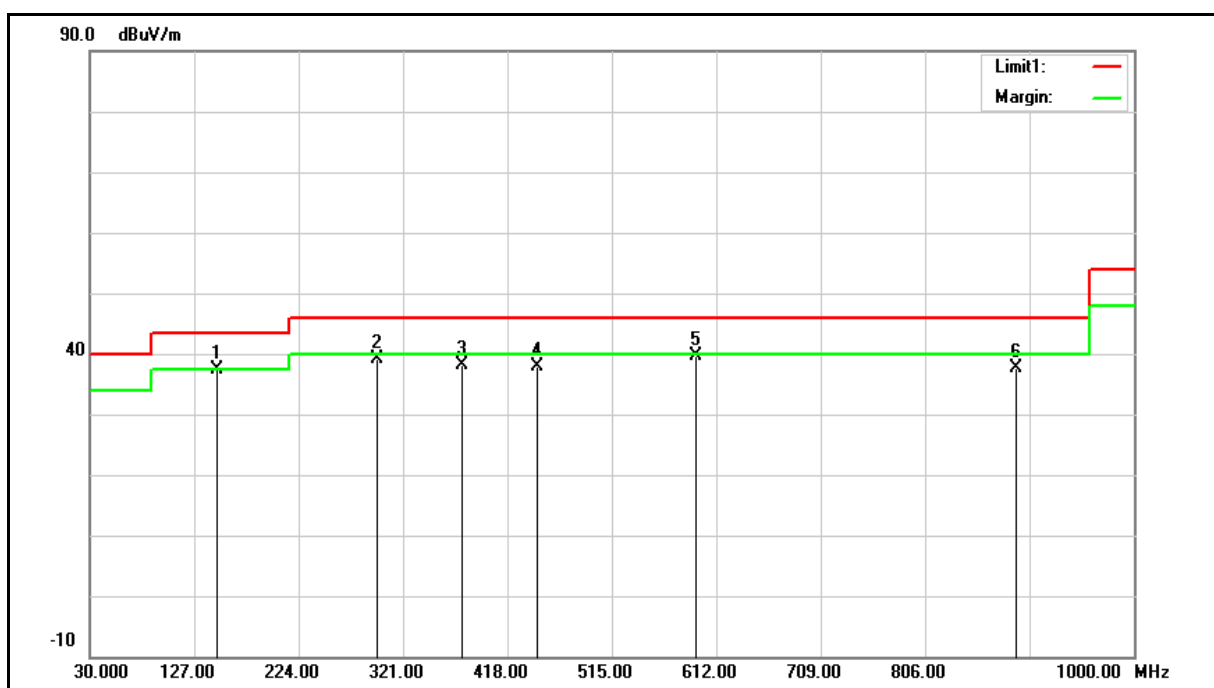
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

With HDMI

其它不必要之訊號 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	148.3400	45.11	-7.75	37.36	43.50	-6.14	QP
2	296.7500	45.86	-6.67	39.19	46.00	-6.81	QP
3	375.3200	43.27	-5.23	38.04	46.00	-7.96	QP
4	445.1600	41.87	-4.04	37.83	46.00	-8.17	QP
5	593.5700	41.24	-1.49	39.75	46.00	-6.25	QP
6	890.3900	34.80	2.81	37.61	46.00	-8.39	QP

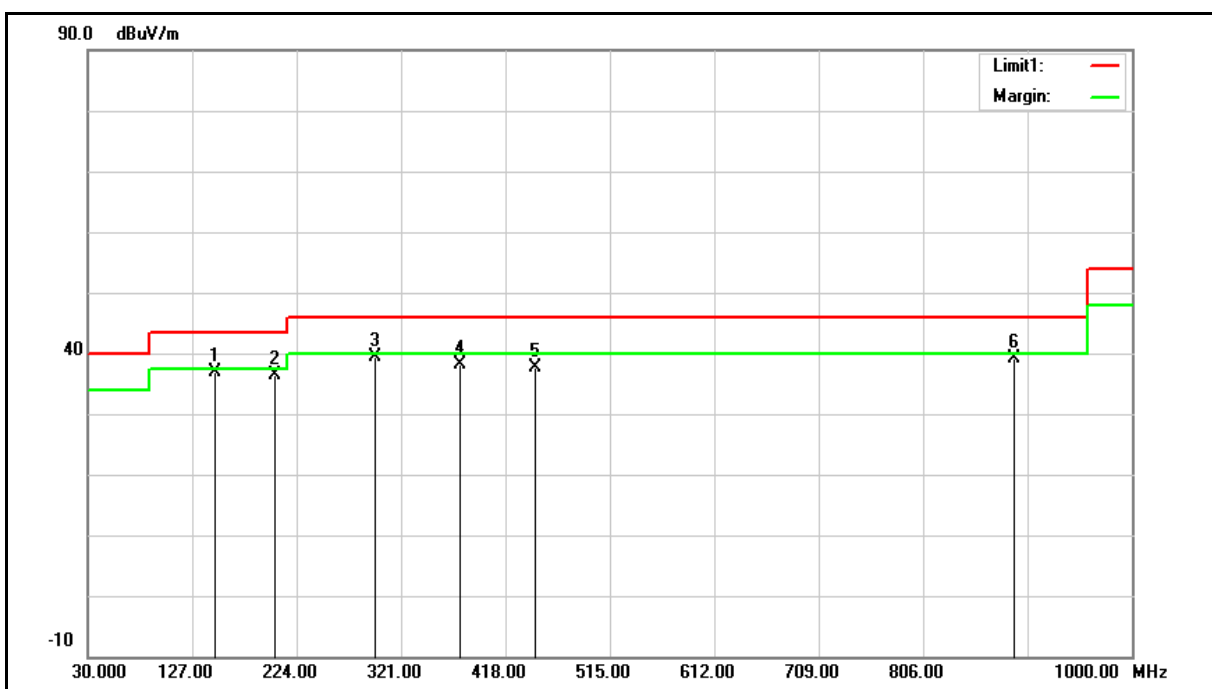
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $37.36 = -7.75 + 45.11$

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	148.3400	44.53	-7.75	36.78	43.50	-6.72	QP
2	203.6300	46.29	-9.96	36.33	43.50	-7.17	QP
3	296.7500	45.93	-6.67	39.26	46.00	-6.74	QP
4	375.3200	43.34	-5.23	38.11	46.00	-7.89	QP
5	445.1600	41.73	-4.04	37.69	46.00	-8.31	QP
6	890.3900	36.30	2.81	39.11	46.00	-6.89	QP

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

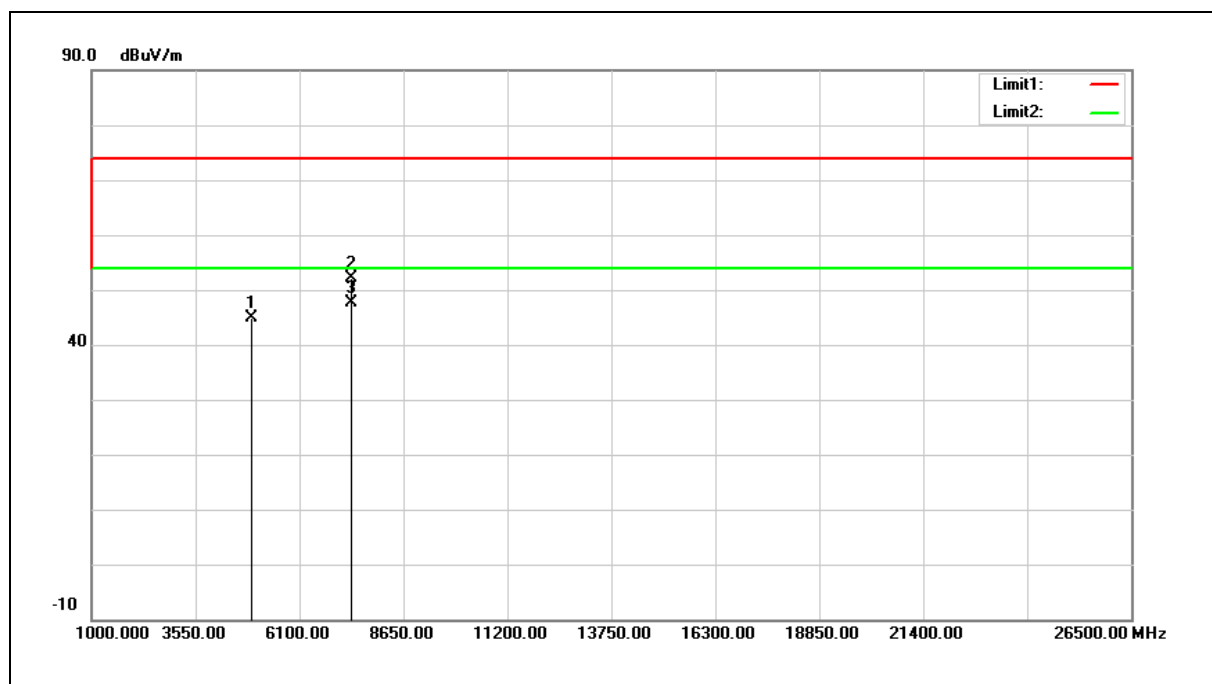
Example: $36.78 = -7.75 + 44.53$

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

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

場強輻射量側 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	45.91	-0.99	44.92	74.00	-29.08	peak
2	7386.000	45.87	6.38	52.25	74.00	-21.75	peak
3	7386.000	41.36	6.38	47.74	54.00	-6.26	AVG

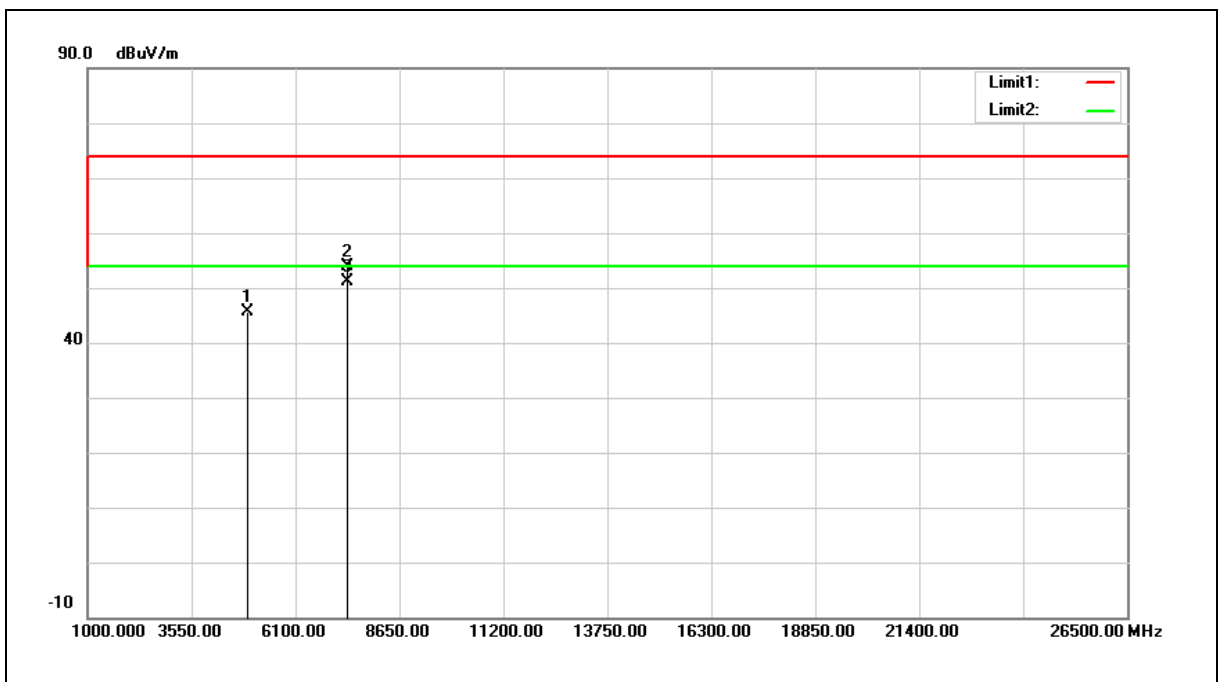
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $44.92 = -0.99 + 45.91$

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	46.71	-0.99	45.72	74.00	-28.28	peak
2	7386.000	47.42	6.38	53.80	74.00	-20.20	peak
3	7386.000	44.78	6.38	51.16	54.00	-2.84	AVG

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

Example: $45.72 = -0.99 + 46.71$

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

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

Annex C. Conducted Test Results (2.4 GHz)

Maximum Conducted Output Power

操作模式	Data Rate (Mbps)	頻道 CH	Conducted Output Power								Limit (dBm)
			ANT-0				ANT-1				
			Average		Peak		Average		Peak		
			dBm	W	dBm	W	dBm	W	dBm	W	
Mode 2	1	01	17.02	0.050	19.61	0.091	17.41	0.055	20.03	0.101	≤30.00
		06	16.43	0.044	19.12	0.082	16.81	0.048	19.34	0.086	≤30.00
		11	16.82	0.048	19.31	0.085	17.06	0.051	19.61	0.091	≤30.00
Mode 3	6	01	14.93	0.031	23.06	0.202	15.18	0.033	23.31	0.214	≤30.00
		06	20.18	0.104	24.92	0.310	20.36	0.109	24.96	0.313	≤30.00
		11	14.63	0.029	22.73	0.187	14.72	0.030	23.21	0.209	≤30.00
Mode 4	6.5	01	13.83	0.024	21.46	0.140	14.06	0.025	22.33	0.171	≤30.00
		06	20.06	0.101	24.92	0.310	20.37	0.109	25.01	0.317	≤30.00
		11	14.06	0.025	22.13	0.163	14.21	0.026	22.16	0.164	≤30.00
Mode 5	13.5	03	13.06	0.020	21.18	0.131	13.16	0.021	21.27	0.134	≤30.00
		06	15.03	0.032	22.62	0.183	15.08	0.032	22.73	0.187	≤30.00
		09	13.04	0.020	21.38	0.137	13.06	0.020	21.41	0.138	≤30.00

Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

CH01

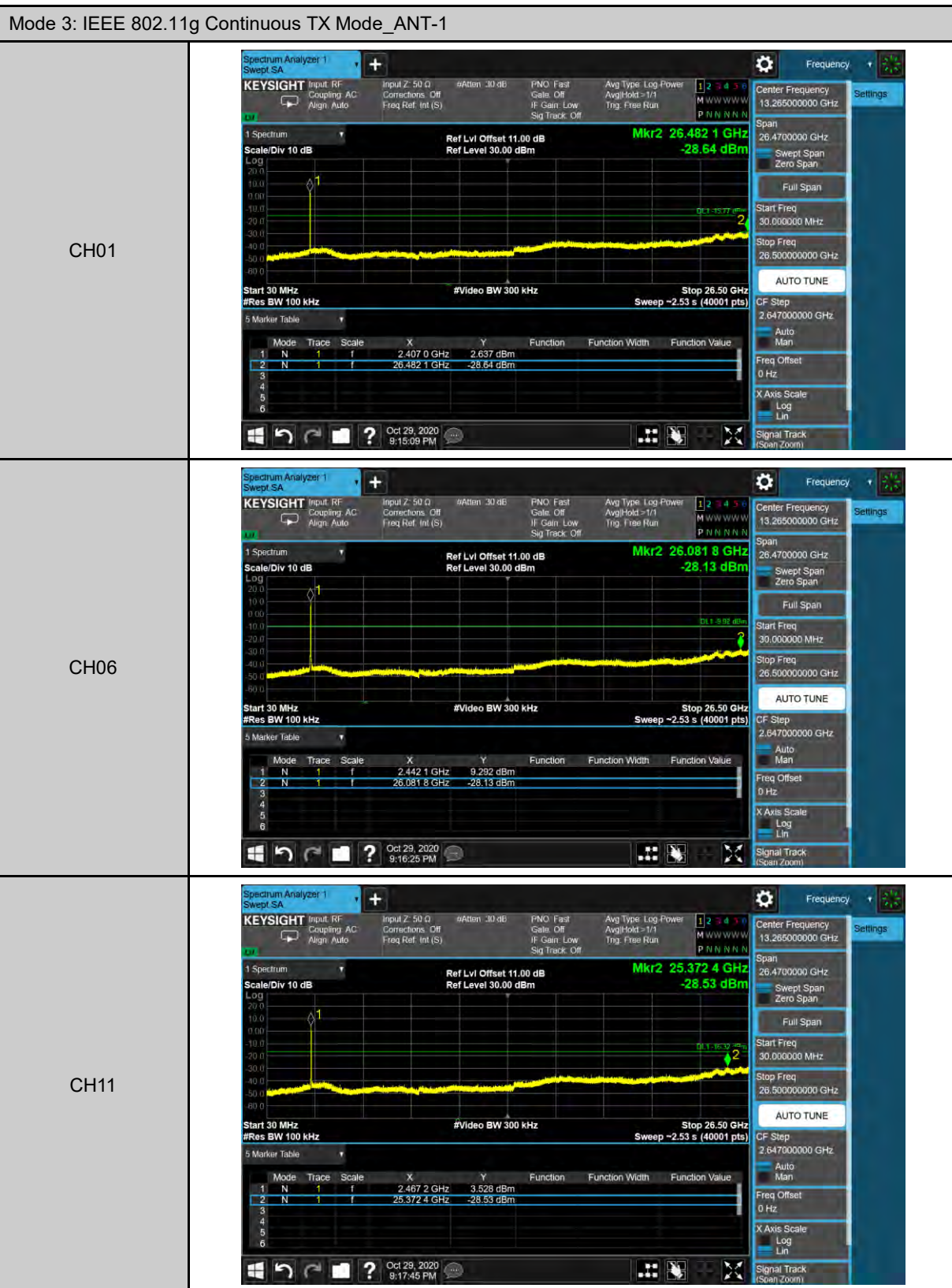


CH06



CH11





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

CH01

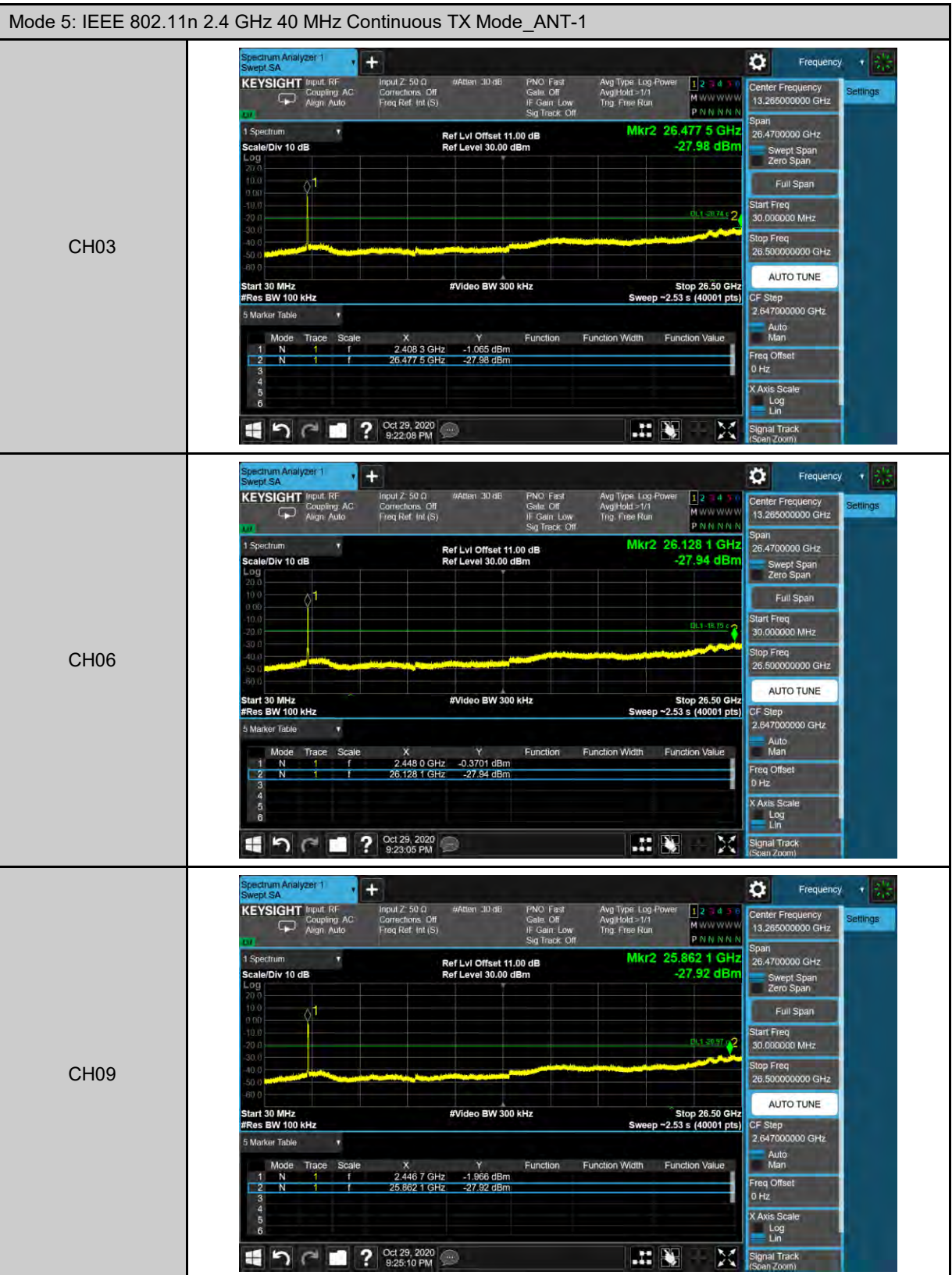


CH06

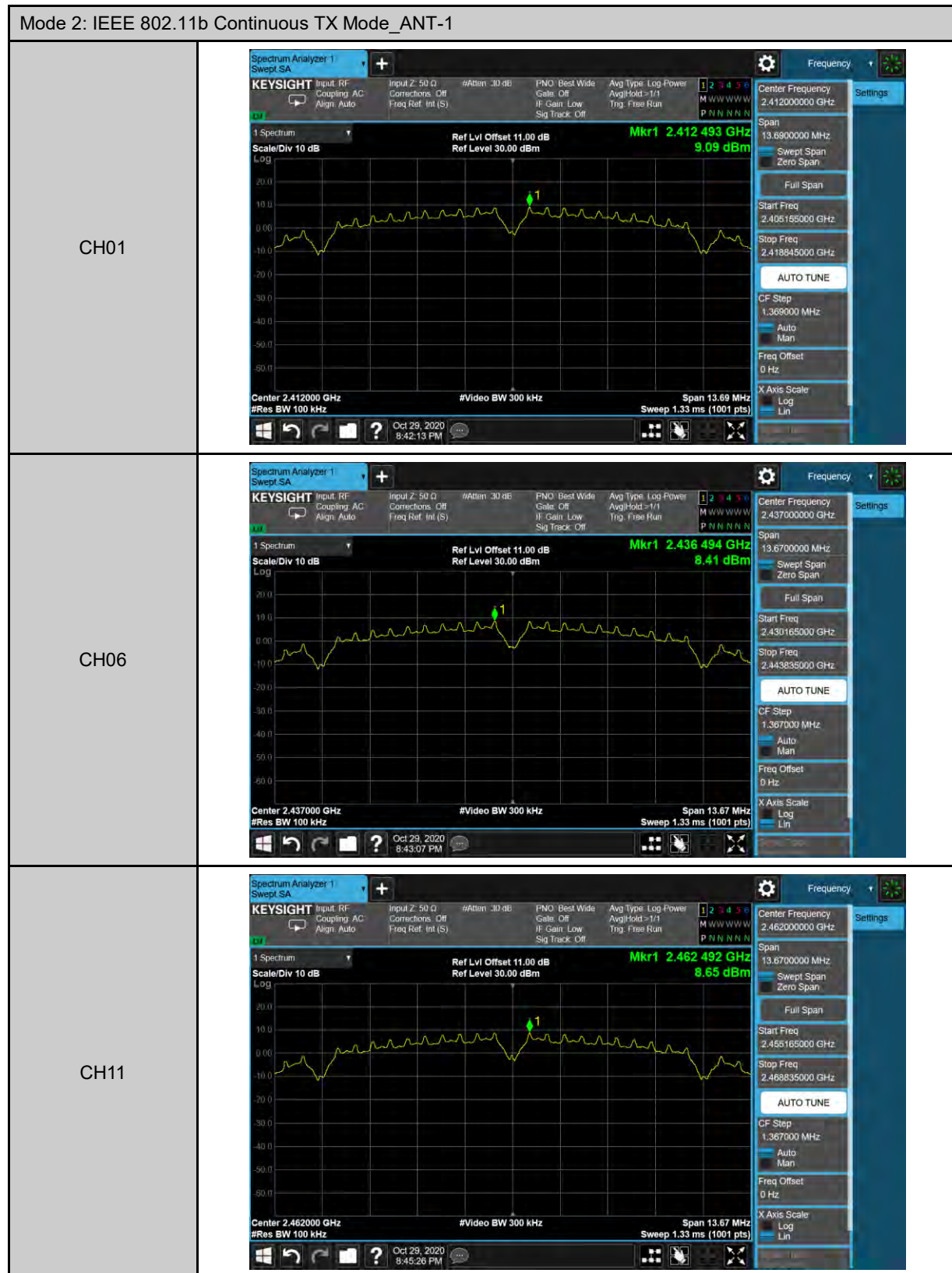


CH11





Reference level

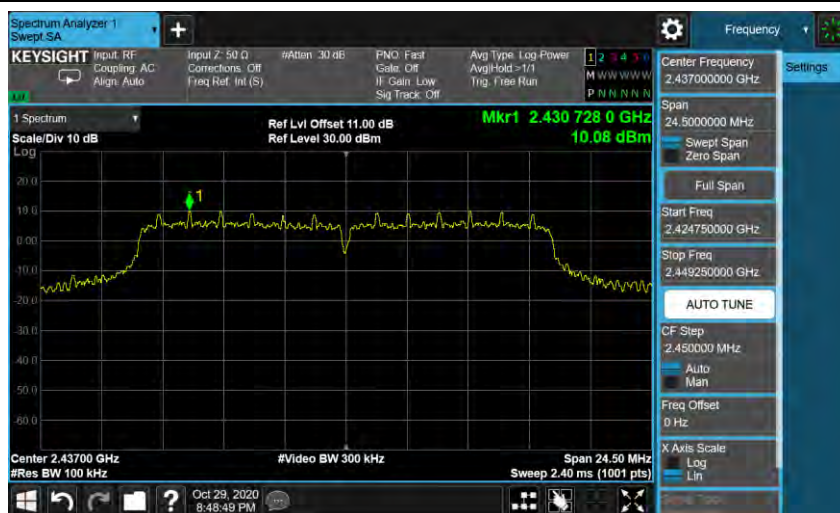


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

CH01



CH06



CH11





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

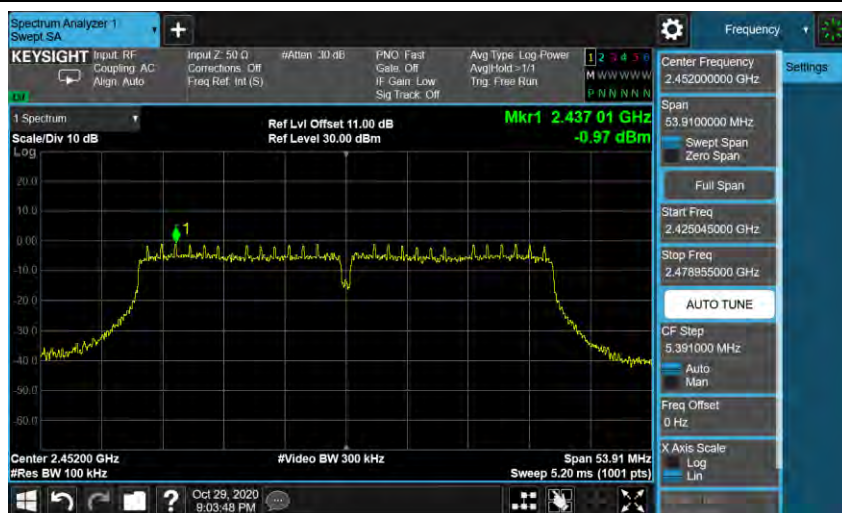
CH03



CH06



CH09



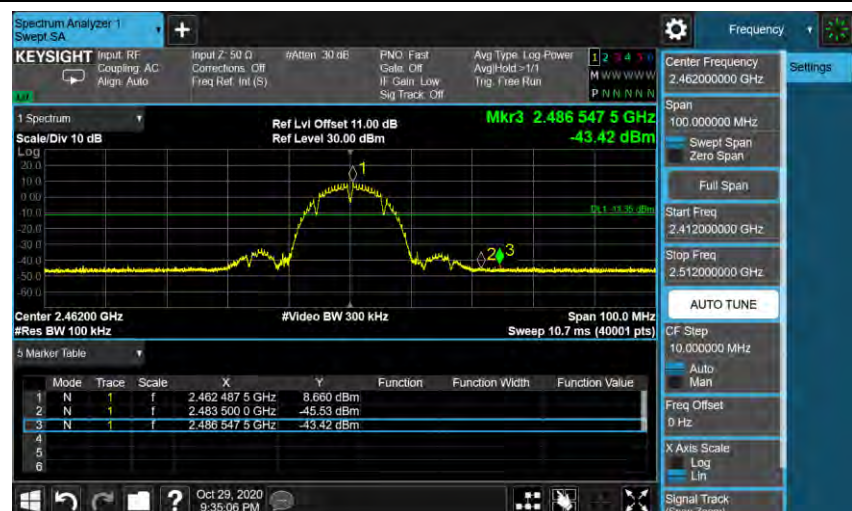
Conducted Band Edge

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

CH01

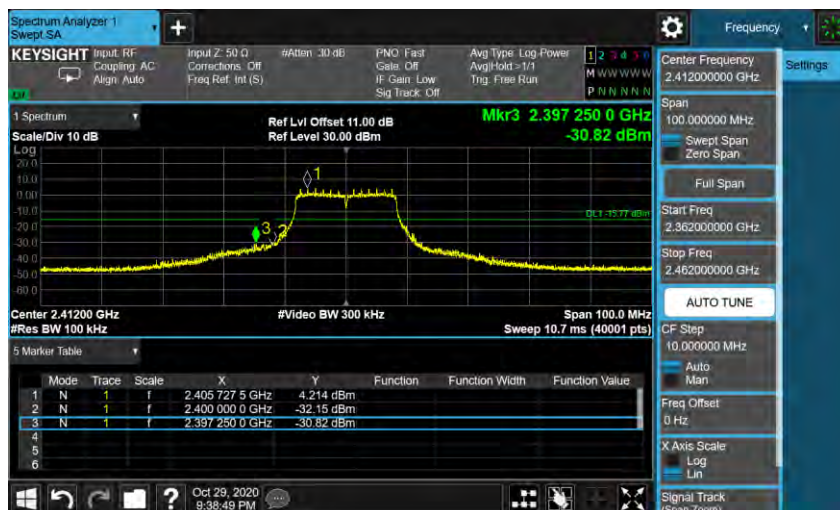


CH11

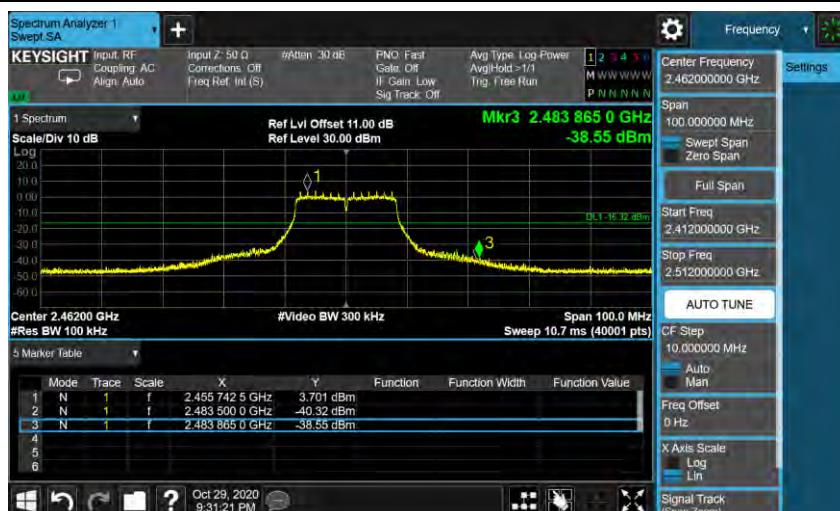


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

CH01

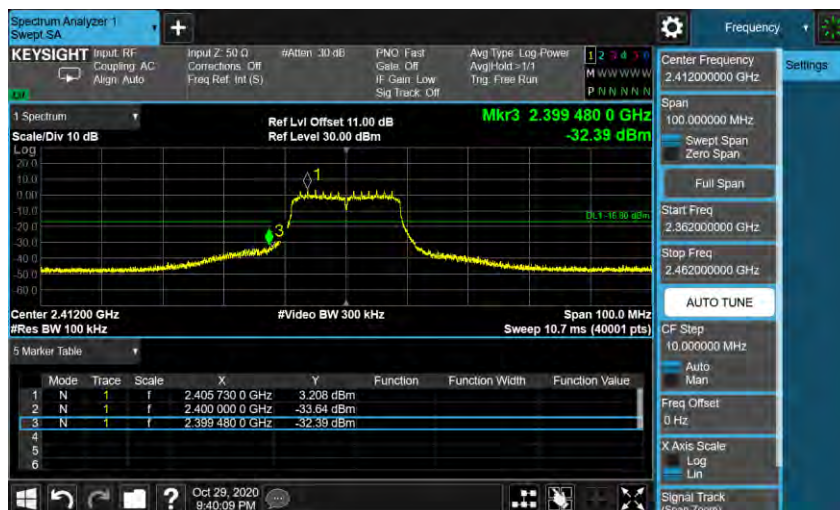


CH11

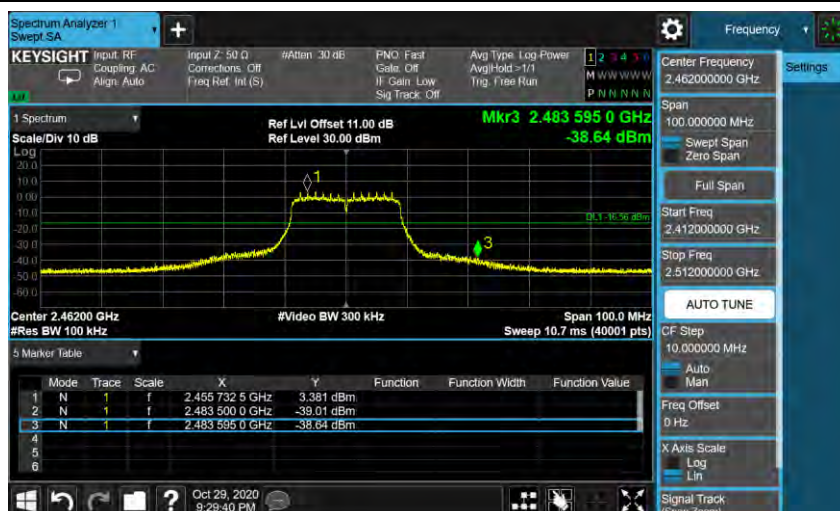


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-1

CH01

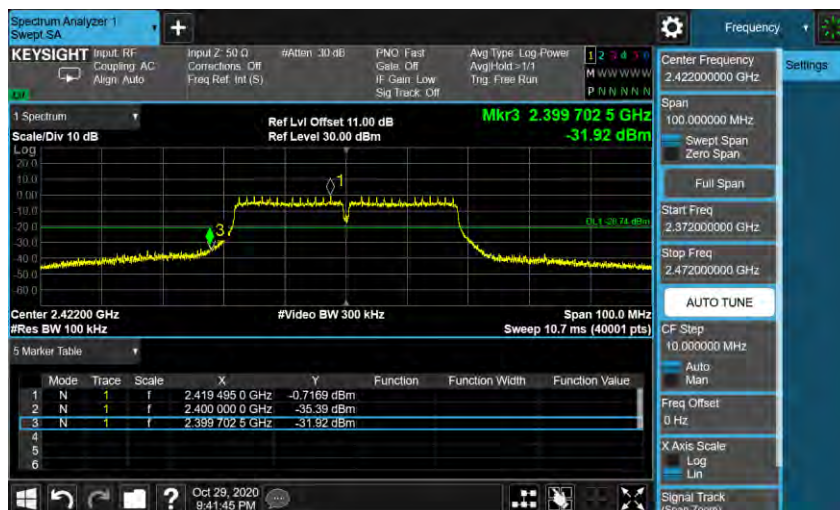


CH11

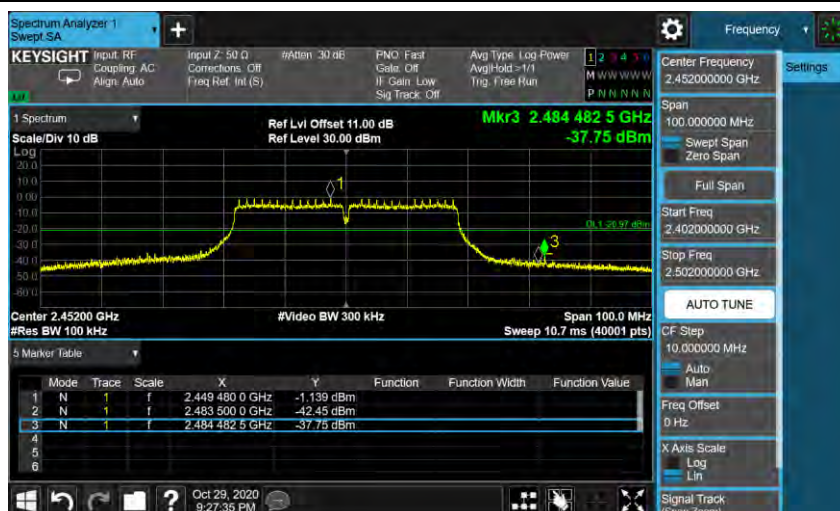


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1

CH03



CH09



6 dB Bandwidth

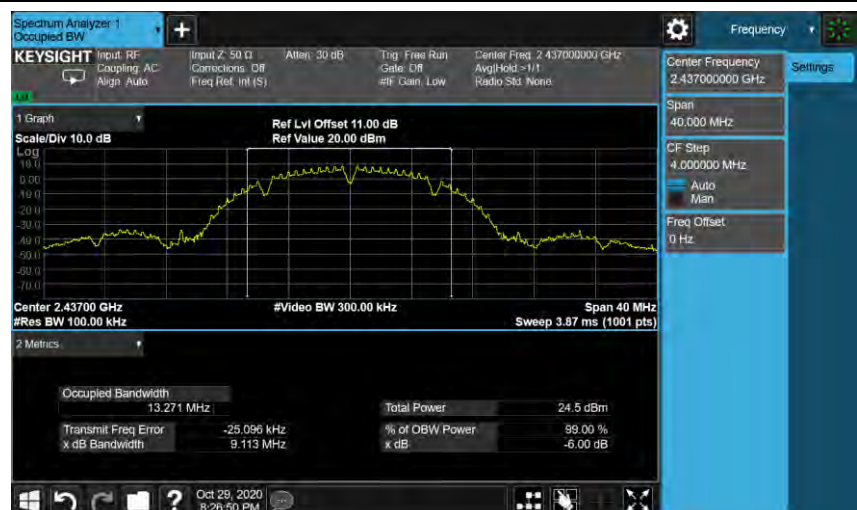
操作模式	頻道	量測值 (kHz)	限制值 (kHz)
		ANT-1	
Mode 2	CH01	9121	≥ 500
	CH06	9113	≥ 500
	CH11	9109	≥ 500
Mode 3	CH01	16350	≥ 500
	CH06	16330	≥ 500
	CH11	16360	≥ 500
Mode 4	CH01	17120	≥ 500
	CH06	16690	≥ 500
	CH11	17090	≥ 500
Mode 5	CH03	36100	≥ 500
	CH06	36330	≥ 500
	CH09	35940	≥ 500

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

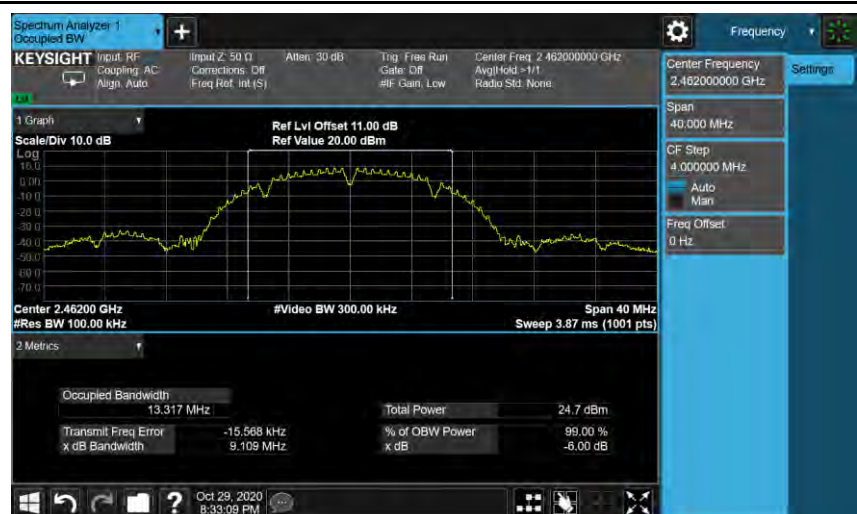
CH01



CH06



CH11



Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

CH01



CH06

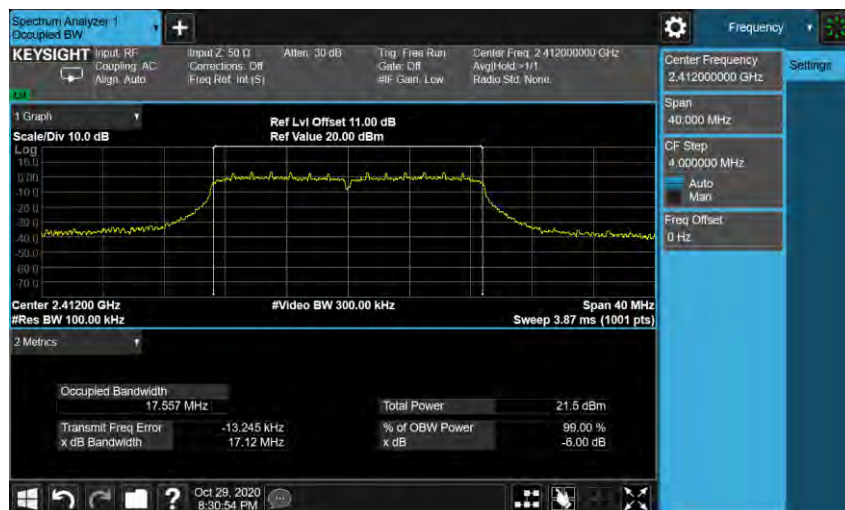


CH11



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

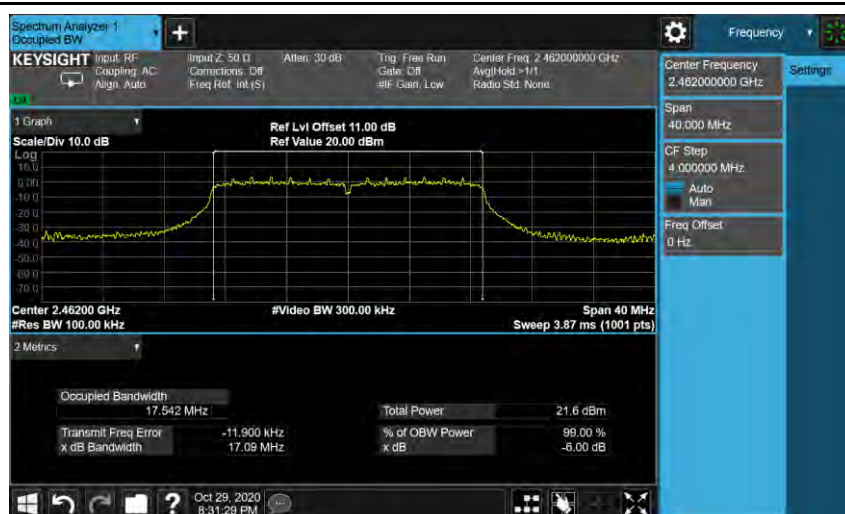
CH01



CH06

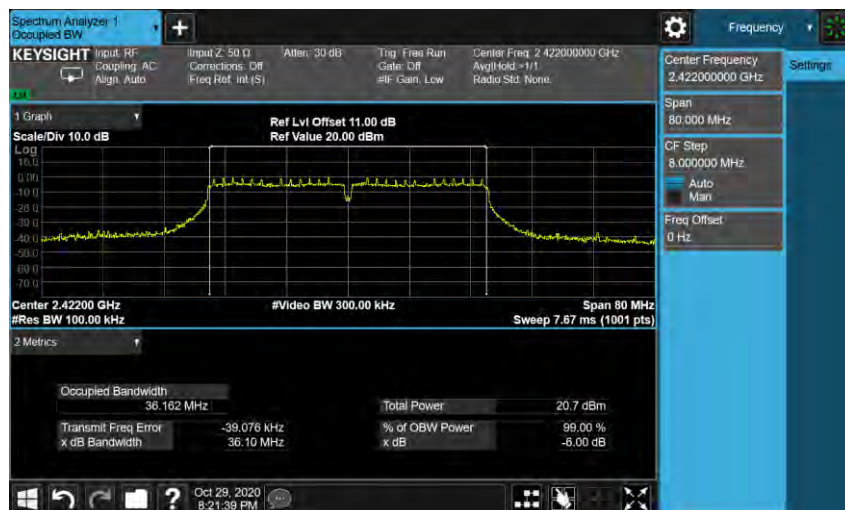


CH11

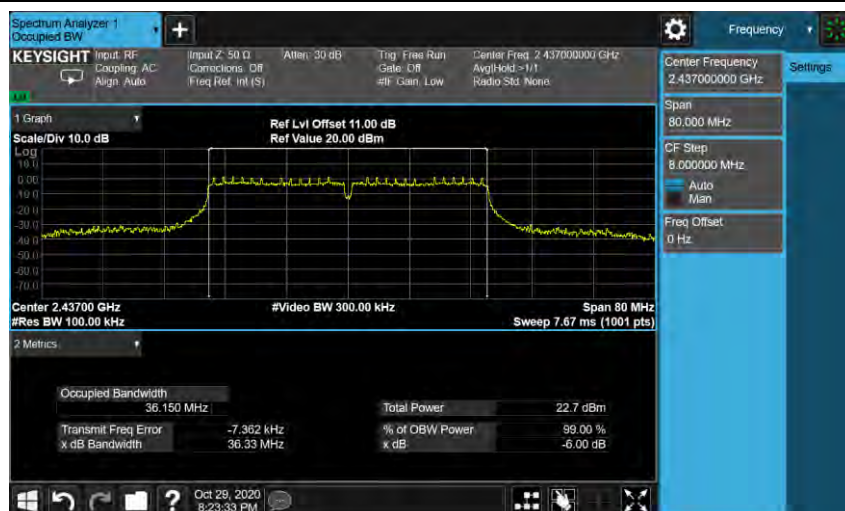


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1

CH03



CH06



CH09

