



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 2104DR23

版本(Rev.) 01

產品名稱 HUAWEI MateBook D 15

申請廠商 訊嵐技術有限公司

廠牌 HUAWEI

型式 (號) BoB-WAH9P

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

報告發行日期 110 年 04 月 22 日

填發本型式認可報告之試驗機構 (認可代號)

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財團法人全國認證基金會

認證編號 : 1330

認證有效期間 : 108.09.06 ~ 111.09.05

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

免責聲明

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報告修訂紀錄

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00	110 年 04 月 15 日	初版發行	江玉
01	110 年 04 月 22 日	更新 1.1 章節(P.5) 更新 5 章節(P.388~394, 397)	江玉

低功率射頻器材測試證明書

產品名稱 : HUAWEI MateBook D 15

廠牌 : HUAWEI

型號 : BoB-WAH9P

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.

製造商地址 : Huawei Industrial Base, Bantian, Longgang, Shenzhen 518129,
People's Republic of China

待測物電壓 : 輸入 : DC 20 V, 3.25 A
輸出 : PD DC 5 V, 2 A

量測規範 : 低功率射頻器材技術規範(LP0002) 109年7月1日

試驗實驗室 : 晶復科技股份有限公司(桃園市八德區長安街140-1號)

樣品接受日期 : 110 年 03 月 25 日

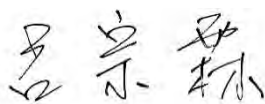
試驗日期 : 110 年 03 月 27 日~110 年 04 月 01 日

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 :



(呂 宗 霖)

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1. 一般敘述

1.1 待測設備一般敘述

本敘述僅針對產品簡單說明之，其他詳細之規格請參考使用說明書。

產 品 名 稱	HUAWEI MateBook D 15	
廠 牌	HUAWEI	
型 號	BoB-WAH9P	
額 定 電 源	輸入：DC 20 V, 3.25 A 輸出：PD DC 5 V, 2 A	
待 測 物 電 源 類 別	Form Power Adapter / Battery	
調 變 方 式	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n 2.4 GHz 20 MHz / 40 MHz: OFDM IEEE 802.11a U-NII Band: OFDM IEEE 802.11n 5 GHz 20 MHz / 40 MHz U-NII Band: OFDM IEEE 802.11ac 20 MHz / 40 MHz / 80 MHz / 160 MHz U-NII Band: OFDM *此產品之不具有動態選擇(DFS)之雷達偵測功能 (Client without radar detection function)	
頻 率 使 用 範 圍	Mode	Frequency Range (MHz)
	IEEE 802.11b / IEEE 802.11g/IEEE 802.11n 2.4 GHz 20 MHz	2412 – 2462
	IEEE 802.11n 2.4 GHz 40 MHz	2422 – 2452
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band I IEEE 802.11ac 20 MHz U-NII Band I	5180 – 5240
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band II-A IEEE 802.11ac 20 MHz U-NII Band II-A	5260 – 5320
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band II-C IEEE 802.11ac 20 MHz U-NII Band II-C	5500 – 5700
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band III IEEE 802.11ac 20 MHz U-NII Band III	5745 – 5825
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I IEEE 802.11ac 40 MHz U-NII Band I	5190 – 5230
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-A IEEE 802.11ac 40 MHz U-NII Band II-A	5270 – 5310
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-C IEEE 802.11ac 40 MHz U-NII Band II-C	5510 – 5670
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III IEEE 802.11ac 40 MHz U-NII Band III	5755 – 5795
	IEEE 802.11ac 80 MHz U-NII Band I	5210
	IEEE 802.11ac 80 MHz U-NII Band II-A	5290
	IEEE 802.11ac 80 MHz U-NII Band II-C	5530
	IEEE 802.11ac 80 MHz U-NII Band III	5775
	IEEE 802.11ac 160 MHz U-NII Band I & Band II-A	5250

天 線 資 訊	Antenna	廠牌	型號	型態	增益值(dBi)	
					2.4 GHz	5 GHz
	ANT-0/ ANT-1	INPAQ	WA-P-LBLB-04-065	PIFA Antenna	1	1
	ANT-0/ ANT-1	WNC	81EABC15.G01	PIFA Antenna	1	1
	G _{ANT}				1	1
	Directional Gain				4.01	4.01
RF 最大輸出功率	Mode			Power		
	IEEE 802.11b			15.31 dBm	0.034 W	
	IEEE 802.11g			15.25 dBm	0.033 W	
	IEEE 802.11n 2.4 GHz 20 MHz			15.17 dBm	0.033 W	
	IEEE 802.11n 2.4 GHz 40 MHz			15.11 dBm	0.032 W	
	IEEE 802.11a U-NII Band I			12.52 dBm	0.018 W	
	IEEE 802.11a U-NII Band II-A			12.39 dBm	0.017 W	
	IEEE 802.11a U-NII Band II-C			12.49 dBm	0.018 W	
	IEEE 802.11a U-NII Band III			12.44 dBm	0.018 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I			12.24 dBm	0.017 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band II-A			12.04 dBm	0.016 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band II-C			12.28 dBm	0.017 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band III			12.22 dBm	0.017 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I			12.36 dBm	0.017 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-A			12.34 dBm	0.017 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-C			12.29 dBm	0.017 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III			12.29 dBm	0.017 W	
	IEEE 802.11ac 20 MHz U-NII Band I			12.35 dBm	0.017 W	
	IEEE 802.11ac 20 MHz U-NII Band II-A			12.11 dBm	0.016 W	
	IEEE 802.11ac 20 MHz U-NII Band II-C			12.33 dBm	0.017 W	
	IEEE 802.11ac 20 MHz U-NII Band III			12.31 dBm	0.017 W	
	IEEE 802.11ac 40 MHz U-NII Band I			12.39 dBm	0.017 W	
	IEEE 802.11ac 40 MHz U-NII Band II-A			12.37 dBm	0.017 W	
	IEEE 802.11ac 40 MHz U-NII Band II-C			12.31 dBm	0.017 W	
	IEEE 802.11ac 40 MHz U-NII Band III			12.40 dBm	0.017 W	
	IEEE 802.11ac 80 MHz U-NII Band I			10.43 dBm	0.011 W	
	IEEE 802.11ac 80 MHz U-NII Band II-A			10.52 dBm	0.011 W	
	IEEE 802.11ac 80 MHz U-NII Band II-C			10.47 dBm	0.011 W	
	IEEE 802.11ac 80 MHz U-NII Band III			12.42 dBm	0.017 W	
	IEEE 802.11ac 160 MHz U-NII Band I			10.23 dBm	0.011 W	
	IEEE 802.11ac 160 MHz U-NII Band II-A			10.38 dBm	0.011 W	

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	USB Type-C Port	1	連接至電源供應器/多媒體終端
2	HDMI Port	1	連接至 Monitor
3	USB Port	3	連接至 HDD/Mouse
4	Audio Port	1	連接至多媒體終端

附屬裝置表：

裝置名稱	廠牌	型號	備註
內建固定式電池	HUAWEI	HB4692J5ECW-31	11.46 VDC, 3665 mAh 製造商(1)：Shenzhen Sunwoda Intelligence Technology Co., Ltd. 製造商(2)：Huizhou Desay Battery Co., Ltd. 製造商(3)：Dynapack Electronic Technology(SuZhou) Co., Ltd. *僅製造商不同
電源供應器	HUAWEI	HW-200325UP0	INPUT : 100-240 VAC, 50/60 Hz, 1.8 A OUTPUT : DC 5 V, 2 A OR DC 9 V, 2 A OR DC 12 V, 2 A OR DC 15 V, 3 A OR DC 20.0 V, 3.25 A
USB Cable	HUAWEI	04071375	Type-C → Type-C Shielded, 1.75 m

1.2 其他相關聲明

本測試報告屬(以下選擇一種打■)

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

2. 量測儀器及測試配置說明

2.1 量測設備

For Conducted

Test Period: Mar. 29 ~ Apr. 01, 2021

測試者: 呂迪曄, 林佳禾

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Power Sensor	Agilent	N1921A	MY45241957	12/09/2020	1 year
Power Meter	Agilent	N1911A	MY45101619	12/09/2020	1 year
Spectrum Analyzer 頻譜分析儀	Keysight	N9010B	MY59071418	03/17/2021	1 year

For Conducted Emission

Test Period: Mar. 27, 2021

測試者: 申世傑

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

For Radiated Emissions

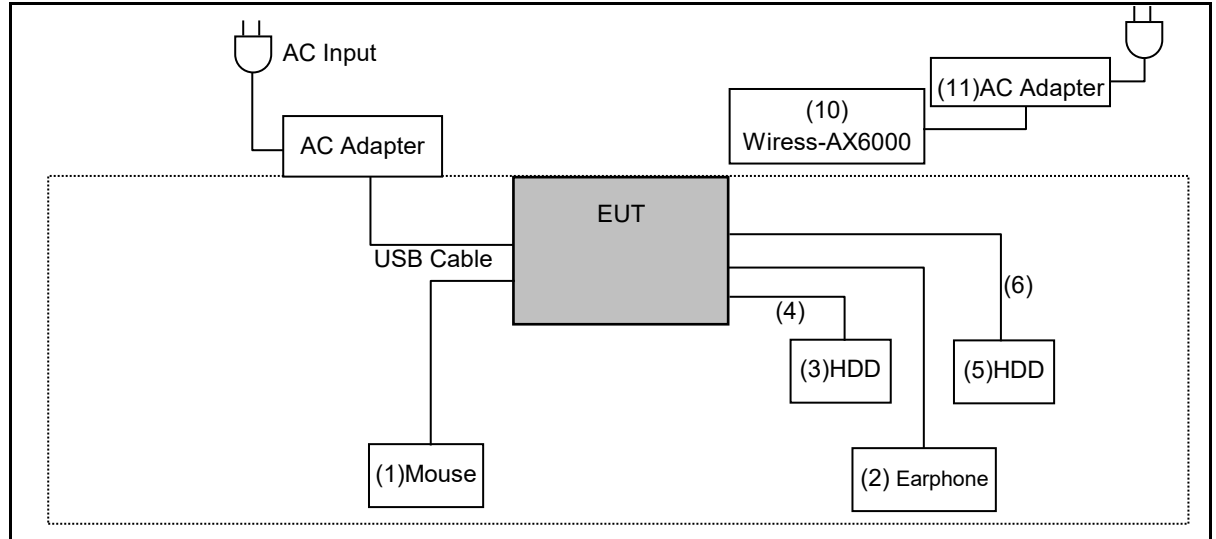
Test Period: Mar. 30 ~ Mar. 31, 2021

測試者: 周瑞鴻, 李怡華, 李亭衛

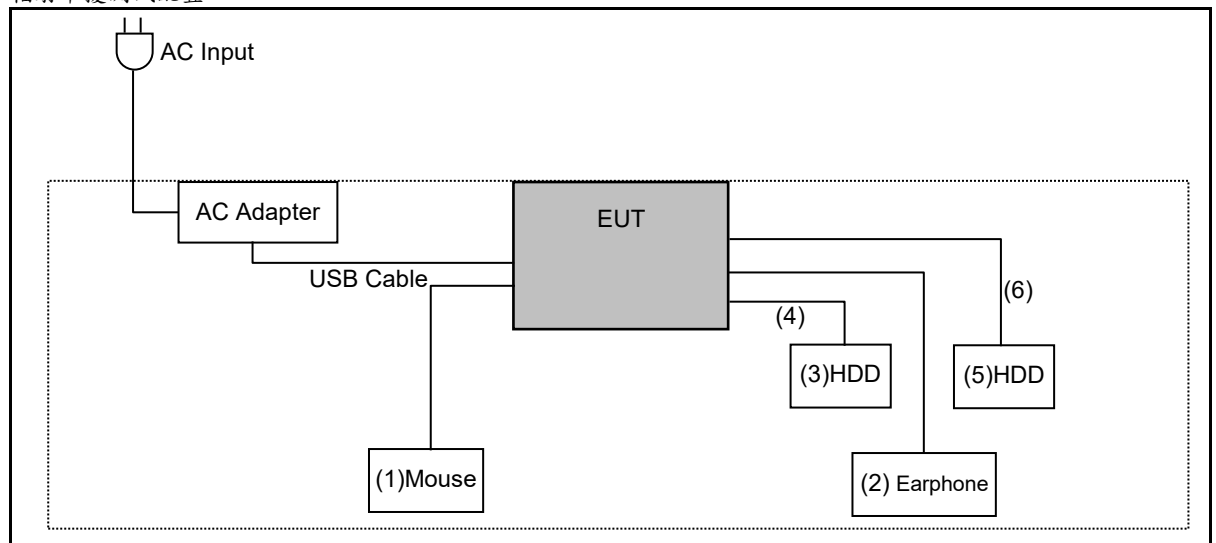
名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer	Keysight	N9030B	MY57143537	04/14/2020	1 year
Amplifier	Agilent	8447D	2944A11119	01/15/2021	1 year
Amplifier	Titan	T0912E0126302 5A1F	002	07/23/2020	1 year
Preamplifier	EMCI	EMC2654045	980028	08/24/2020	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	01146	07/03/2020	1 year
天線(1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	02207	06/30/2020	1 year
天線(18~40 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	08/18/2020	1 year

2.2 檢驗系統示意圖

電源傳導干擾測試配置

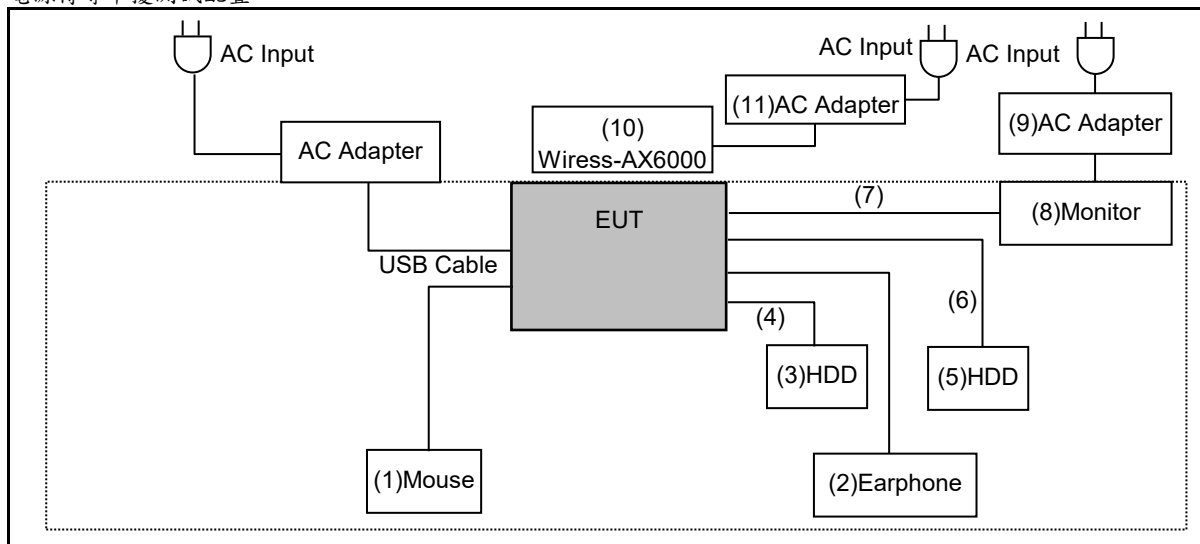


輻射干擾測試配置

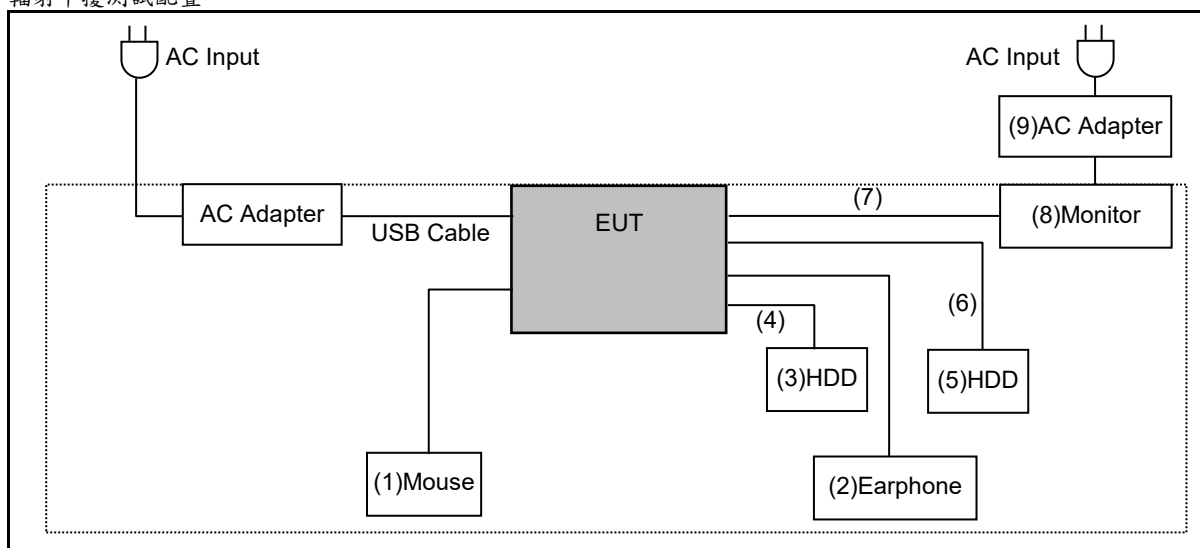


with HDMI

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) Mouse	KINYO	M-02	---	---	(實驗室提供)
(2) Earphone	HUAWEI	22040296	---	---	(實驗室提供)
(3) HDD	Transend	TS1TSJ25A3K	E47225-0078	---	(實驗室提供)
(4) USB Cable	Transend	TS1TSJ25A3K	---	---	STD-A→Micro-B 線長：0.4 m (實驗室提供)
(5) HDD	Transend	TS1TSJ25A3K	E47225-0095	---	(實驗室提供)
(6) USB cable	Transend	TS1TSJ25A3K	---	---	STD-A→Micro-B 線長：0.4 m (實驗室提供)
(7) HDMI Cable	Avier	K48GHS	---	---	規格：HDMI to HDMI 線長：1.7 m (實驗室提供)
(8) Monitor	ViewSonic	VS16024	---	---	(實驗室提供)
(9) AC Adapter	AOC	ADPC2065	---	---	INPUT : 100-240 VAC, 50/60 Hz, 1.5 A OUTPUT : 20 Vdc, 3.25 A (實驗室提供)
(10) Wiress-AX6000	ASUS	RT-AX88U	---	---	NCC ID : CCAF18LP1530T1 (實驗室提供)
(11) AC Adapter	ASUS	ADP-45BW B	---	---	INPUT : 100-240 VAC, 50/60 Hz, 1.2 A OUTPUT : 19 Vdc, 2.37 A 線長: 1.7 m (實驗室提供)
(12) 手持式行動電話機	HUAWEI	ELS-NX9	---	---	NCC 證號: CCAK204G0170T4 (申請者提供)

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
未開啟相機模式	V	V	V	
開啟相機模式				
內建固定式電池 製造商(1)	V	V	V	
內建固定式電池 製造商(2)			---	
內建固定式電池 製造商(3)			---	
電源供應器	V	V	V	
USB Cable	V	V	V	
Mouse	V	V	V	測試週邊(1)
Earphone	V	V	V	測試週邊(2)
HDD	V	V	V	測試週邊(3)
USB Cable	V	V	V	測試週邊(4)
HDD	V	V	V	測試週邊(5)
USB cable	V	V	V	測試週邊(6)
HDMI Cable	---	---	---	測試週邊(7)
Monitor	---	---	---	測試週邊(8)
AC Adapter	---	---	---	測試週邊(9)
Wiress-AX6000	V		X	測試週邊(10) Normal Link
AC Adapter	V		X	測試週邊(11) Normal Link
手持式行動電話機	X		---	測試週邊(12) Charge

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
未開啟相機模式	V	V	V	
開啟相機模式				
內建固定式電池 製造商(1)	V	V	V	
內建固定式電池 製造商(2)			---	
內建固定式電池 製造商(3)			---	
電源供應器	V	V	V	
USB Cable	V	V	V	
Mouse	V	V	V	測試週邊(1)
Earphone	V	V	V	測試週邊(2)
HDD	V	V	V	測試週邊(3)
USB Cable	V	V	V	測試週邊(4)
HDD	V	V	V	測試週邊(5)
USB cable	V	V	V	測試週邊(6)
HDMI Cable	V	V	V	測試週邊(7)
Monitor	V	V	V	測試週邊(8)
AC Adapter	V	V	V	測試週邊(9)
Wiress-AX6000	V		X	測試週邊(10) Normal Link
AC Adapter	V		X	測試週邊(11) Normal Link
手持式行動電話機	X		---	測試週邊(12) Charge

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: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 12: IEEE 802.11ac 160 MHz Continuous TX Mode
Mode 13: Receiver Mode

Final-Test Mode
Mode 1: Transmit Mode
Mode 2: IEEE 802.11b Continuous TX Mode
Mode 3: IEEE 802.11g Continuous TX Mode
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode
Mode 6: IEEE 802.11a Continuous TX Mode
Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode
Mode 10: IEEE 802.11ac 40 MHz Continuous TX Mode
Mode 11: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 12: IEEE 802.11ac 160 MHz Continuous TX Mode
Mode 13: Receiver Mode

Note 1: ANT-1 is the worst case in Mode 2, 3, 6.

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	11.8	11.8	DTRU
	2437	14.8	14.8	
	2462	11.8	11.8	
Mode 3	2412	11.8	11.8	
	2437	14.8	14.8	
	2462	11.8	11.8	
Mode 4	2412	9.0	9.0	
	2437	12.0	12.0	
	2462	9.0	9.0	
Mode 5	2422	7.0	7.0	
	2437	12.0	12.0	
	2452	7.0	7.0	

Test Mode	Frequency (MHz)	RF power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 6	5180	11	11	DRTU
	5200	11	11	
	5220	11	11	
	5240	11	11	
	5260	11	11	
	5280	11	11	
	5300	11	11	
	5320	11	11	
	5500	11	11	
	5520	11.5	11.5	
	5540	11.5	11.5	
	5560	11.5	11.5	
	5580	11.5	11.5	
	5680	11.5	11.5	
	5700	11	11	
	5745	11	11	
	5765	11	11	
	5785	11	11	
	5805	11	11	
	5825	11	11	

Test Mode	Frequency (MHz)	RF power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 7	5180	8.25	8.25	DRTU
	5200	8.25	8.25	
	5220	8.25	8.25	
	5240	8.25	8.25	
	5260	8.25	8.25	
	5280	8.25	8.25	
	5300	8.25	8.25	
	5320	8.25	8.25	
	5500	8.25	8.25	
	5520	8.5	8.5	
	5540	8.5	8.5	
	5560	8.5	8.5	
	5580	8.5	8.5	
	5660	8.5	8.5	
	5680	8.5	8.5	
	5700	8.25	8.25	
	5745	8.25	8.25	
	5765	8.25	8.25	
	5785	8.25	8.25	
	5805	8.25	8.25	
	5825	8.25	8.25	
Mode 8	5190	6.5	6.5	DRTU
	5230	8.5	8.5	
	5270	8.5	8.5	
	5310	6.5	6.5	
	5510	6.5	6.5	
	5550	8.5	8.5	
	5670	8.5	8.5	
	5755	8.5	8.5	
	5795	8.5	8.5	

Test Mode	Frequency (MHz)	RF power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 9	5180	8.25	8.25	DRTU
	5200	8.25	8.25	
	5220	8.25	8.25	
	5240	8.25	8.25	
	5260	8.25	8.25	
	5280	8.25	8.25	
	5300	8.25	8.25	
	5320	8.25	8.25	
	5500	8.25	8.25	
	5520	8.5	8.5	
	5540	8.5	8.5	
	5560	8.5	8.5	
	5580	8.5	8.5	
	5660	8.5	8.5	
	5680	8.5	8.5	
	5700	8.25	8.25	
	5745	8.25	8.25	
	5765	8.25	8.25	
	5785	8.25	8.25	
	5805	8.25	8.25	
	5825	8.25	8.25	
Mode .10	5190	6.5	6.5	
	5230	8.5	8.5	
	5270	8.5	8.5	
	5310	6.5	6.5	
	5510	6.5	6.5	
	5550	8.5	8.5	
	5670	8.5	8.5	
	5755	8.5	8.5	
	5795	8.5	8.5	
Mode .11	5210	7	7	
	5290	7	7	
	5530	7	7	
	5775	9	9	
Mode .12	5250	7	7	

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

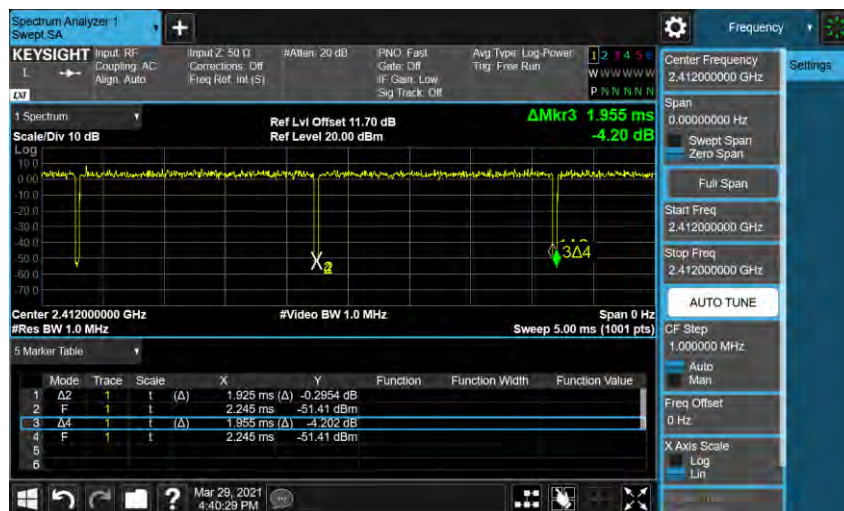
Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 2	1TX / 1RX	1	1, 6, 11
Mode 3	1TX / 1RX	6	1, 6, 11
Mode 4	2TX / 2RX (MIMO)	13	1, 6, 11
Mode 5	2TX / 2RX (MIMO)	27	3, 6, 9
Mode 6	1TX / 1RX	6	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 7	2TX / 2RX ((MIMO)	13	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 8	2TX / 2RX ((MIMO)	27	38, 46, 54, 62, 102, 110, 134, 151, 159
Mode 9	2TX / 2RX ((MIMO)	13	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 10	2TX / 2RX ((MIMO)	27	38, 46, 54, 62, 102, 110, 134, 151, 159
Mode 11	2TX / 2RX ((MIMO)	58.6	42, 58, 106, 155
Mode 12	2TX / 2RX ((MIMO)	117	50

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	1.925	1.955	0.985	0.067	0.010
Mode 3	2412	2.065	2.085	0.990	0.042	0.010
Mode 4	2412	0.984	1.020	0.965	0.156	1.016
Mode 5	2422	0.500	0.538	0.929	0.321	2.000
Mode 6	5180	1.935	1.955	0.990	0.045	0.010
Mode 9	5180	0.993	1.032	0.962	0.167	1.007
Mode 10	5190	0.502	0.540	0.930	0.317	1.992
Mode 11	5210	0.259	0.301	0.860	0.653	3.861
Mode 12	5250	0.157	0.195	0.803	0.951	6.378

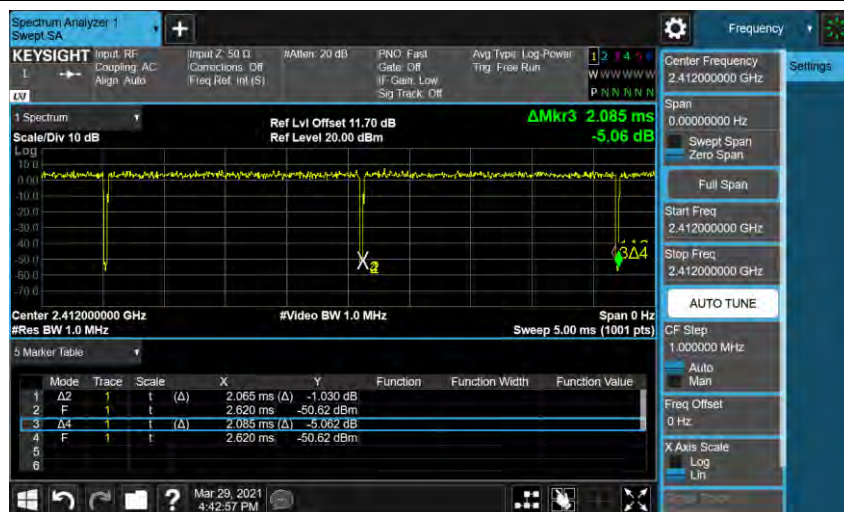
Mode 2: IEEE 802.11b Continuous TX Mode

On time



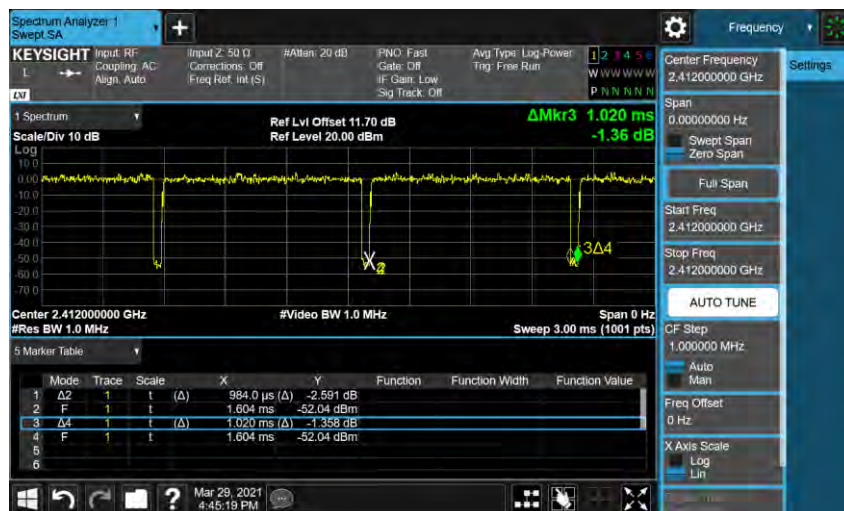
Mode 3: IEEE 802.11g Continuous TX Mode

On+off time



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

On+off time



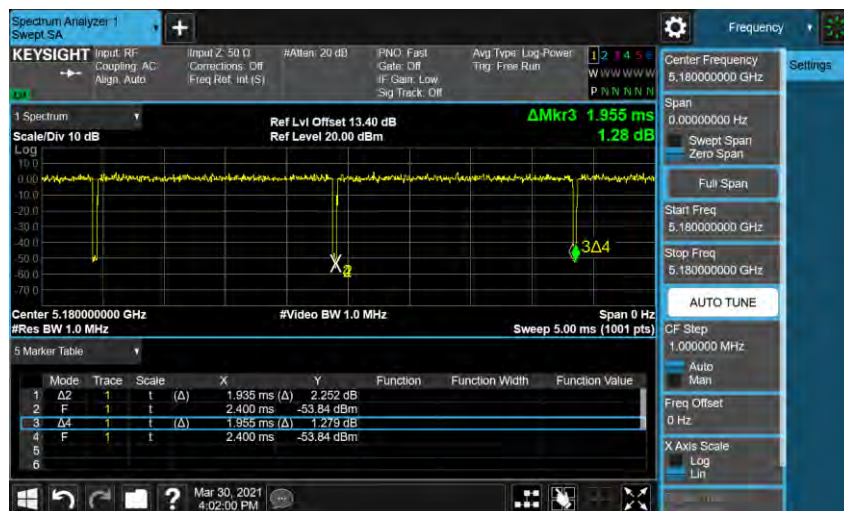
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode

On+off time



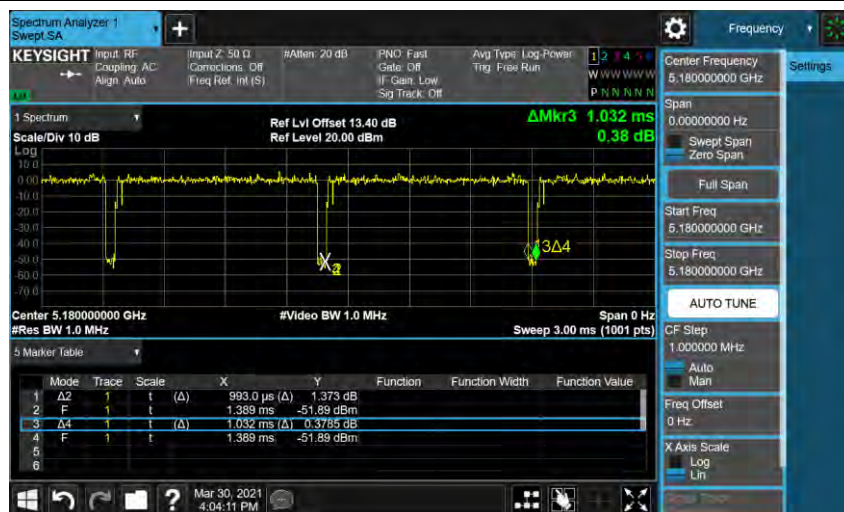
Mode 6: IEEE 802.11a Continuous TX Mode

On+off time



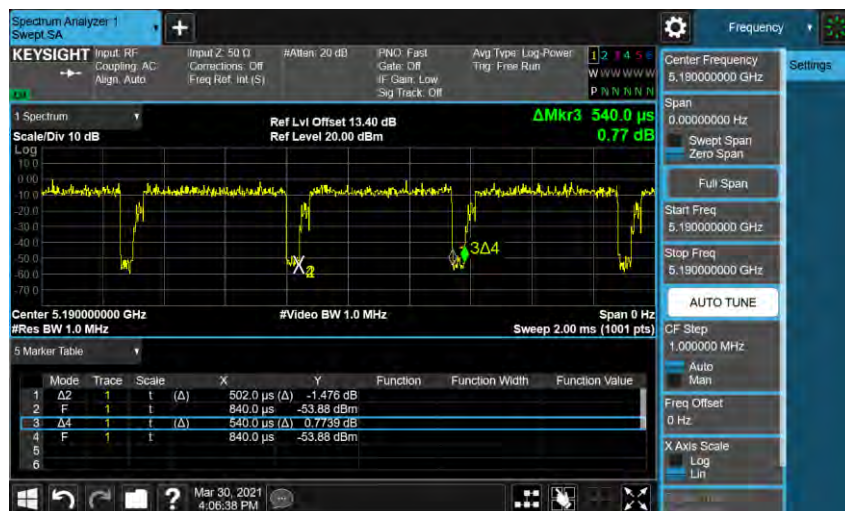
Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode

On+off time



Mode 10: IEEE 802.11ac 40 MHz Continuous TX Mode

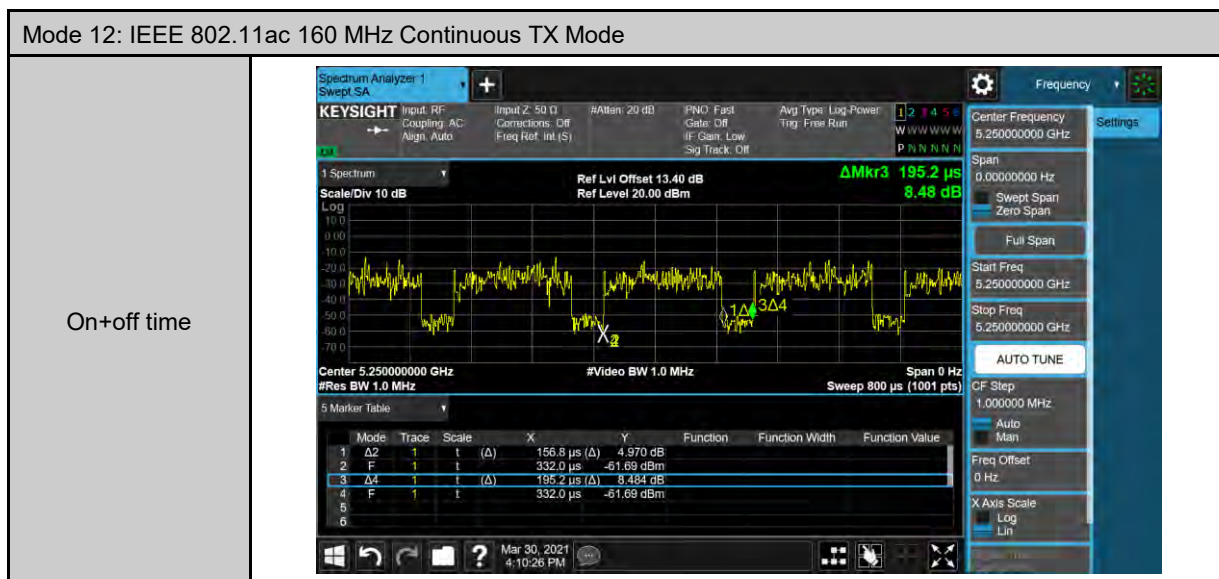
On+off time



Mode 11: IEEE 802.11ac 80 MHz Continuous TX Mode

On+off time





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		1.1 dB
RF Bandwidth		4.7 %
Power Spectral Density		1.1 dB
Duty Cycle		1.1 %
Time Occupancy		1.5 %

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	最大傳導輸出功率	低功率射頻器材技術規範 4.10.1.2(1)(C)節	Annex C.	請參閱 2.1 節	符合
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	6 dB 頻寬之要求	低功率射頻器材技術規範 5.7.5 節	Annex E.	請參閱 2.1 節	符合
9	發射功率控制(TPC)	低功率射頻器材技術規範 5.7.7.1 節	Annex E.	請參閱 2.1 節	符合
10	動態頻率選擇(DFS) 雷達偵測功能	低功率射頻器材技術規範 5.7.7.2 節	Annex E.	請參閱 2.1 節	不適用
11	動態頻率選擇(DFS) 頻道可用性檢查時間	低功率射頻器材技術規範 5.7.7.2(3)節	Annex E.	請參閱 2.1 節	不適用
12	動態頻率選擇(DFS) 頻道移動時間	低功率射頻器材技術規範 5.7.7.2(4)節	Annex E.	請參閱 2.1 節	符合
13	動態頻率選擇(DFS) 不可佔用時間	低功率射頻器材技術規範 5.7.7.2(5)節	Annex E.	請參閱 2.1 節	符合
14	天線規格	低功率射頻器材技術規範 5.7.8 節	請參閱 4.3.11 節	-----	符合
15	電波暴露量之評估	低功率射頻器材技術規範 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。

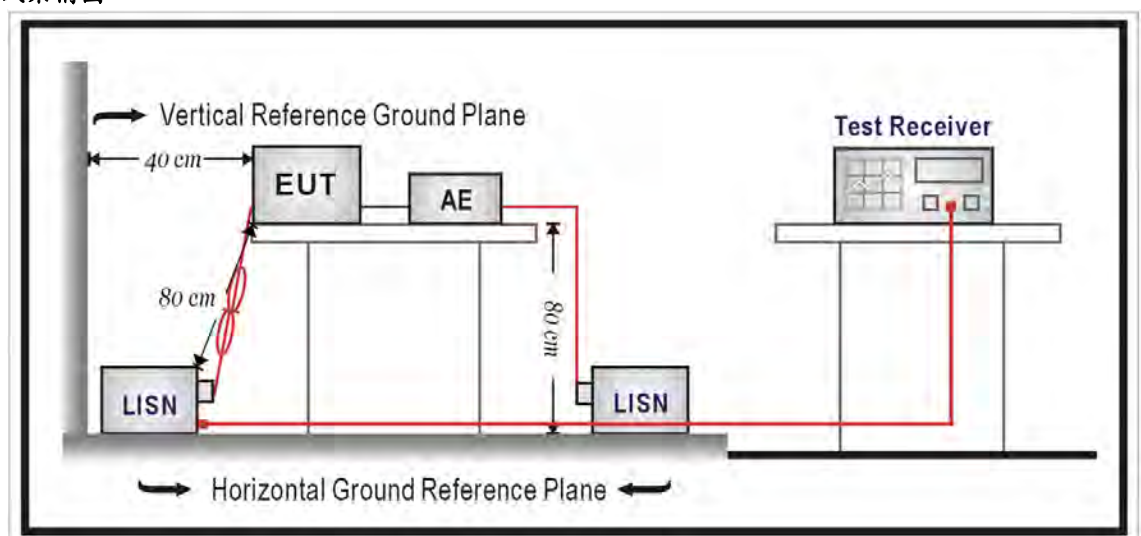
干擾值之計算

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。

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

測試方法：

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

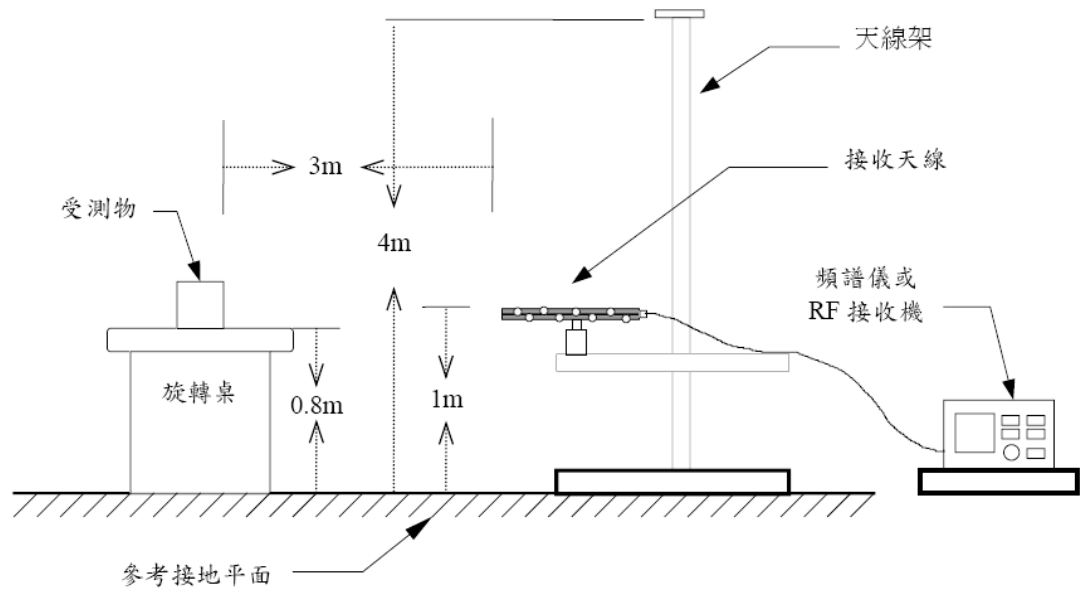
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

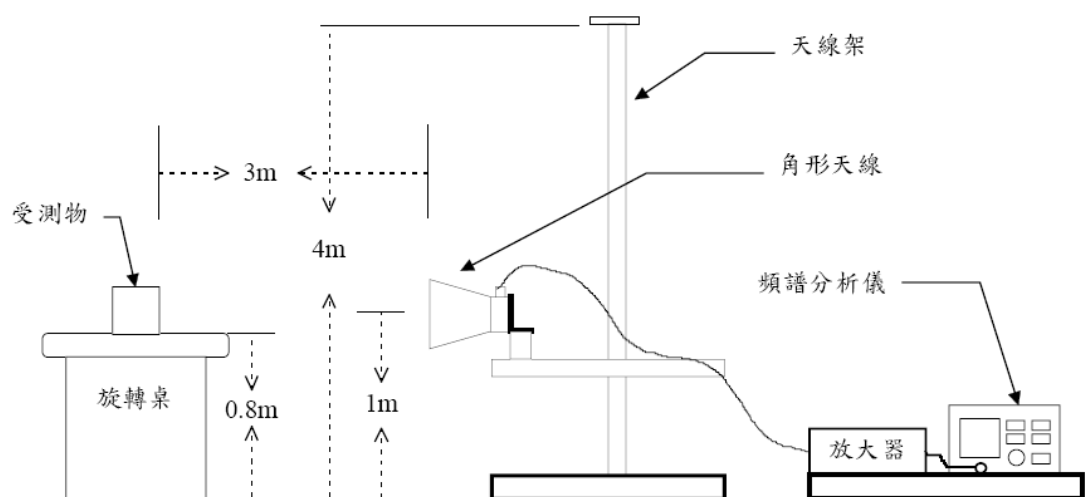
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



量測頻率高於 1 GHz 以上之測試配置

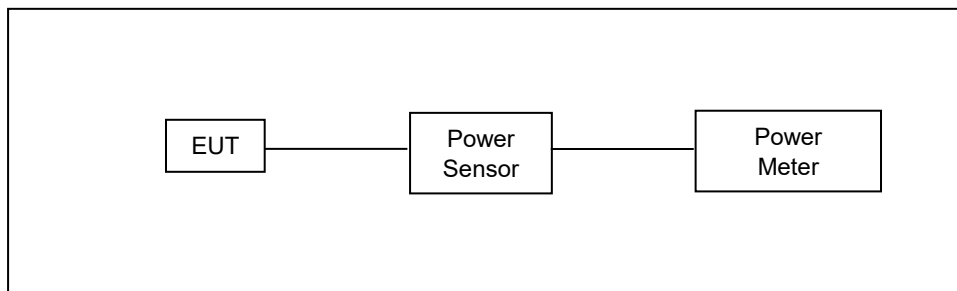


4.2.2 最大傳導輸出功率之量測

合格標準：

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

測試架構圖：



4.2.3 天線規格之要求

合格標準：

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

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

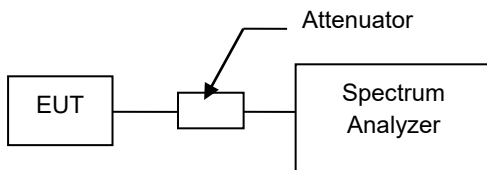
判定結果：符合。

4.2.4 非必要頻帶之量測

合格標準：

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

測試架構圖：



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

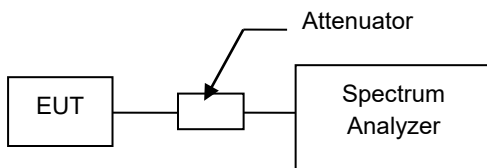
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 30 dB。

4.2.5 6 dB頻寬之要求

合格標準：

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

測試架構圖：



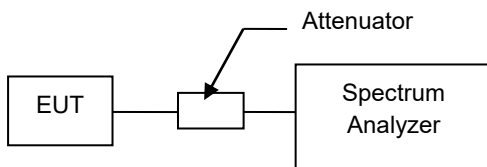
4.2.6 峰值發射電功率密度之要求

合格標準：

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

測試架構圖：

測試場地測試配置如圖所示。



4.2.7 電波暴露量之評估

合格標準:

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

6.20.2.1 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

6.20.2.2 一般人/不可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

4.3 5 GHz U-NII 檢驗項目

4.3.1 場強輻射與非必要頻帶之量測

場強輻射合格標準：

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

依據 NCC 低功率射頻器材技術規範第 3.5 節之規定,禁用頻段如下：

頻率(MHz)	頻率(MHz)	頻率(MHz)	頻率(MHz)
0.090~0.110	108.00~138.00	1660.0~1785.0	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。

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

非必要頻帶合格標準:

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

不必要發射之限值：在操作頻帶外的峰值發射應衰減至符合下列限值：

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

測試方法：

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

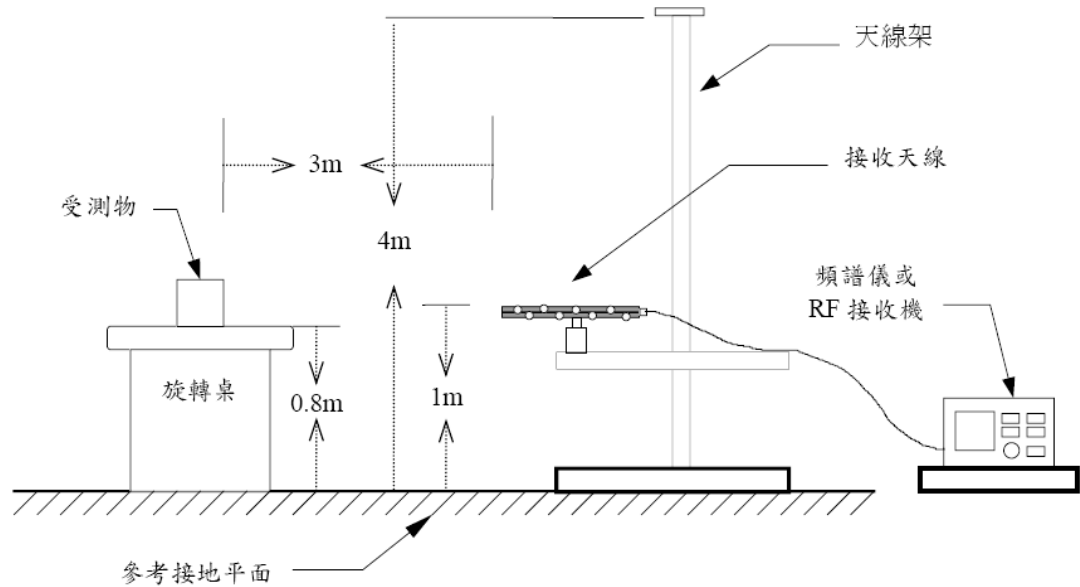
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

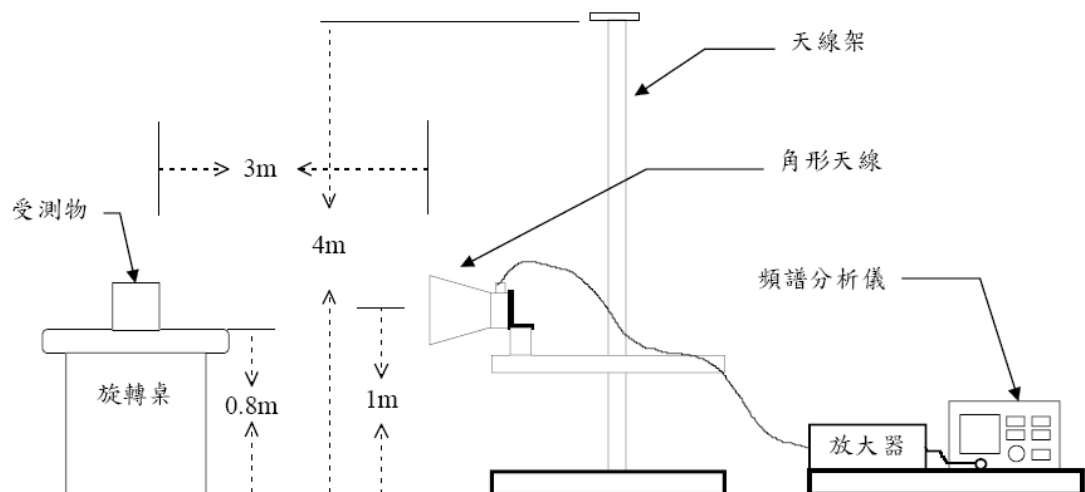
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



量測頻率高於 1 GHz 以上之測試配置



4.3.2 最大傳導輸出功率之量測

合格標準:

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

1. 5.15-5.25 GHz 頻帶

(1) 供戶外操作使用:

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

(2) 供室內操作使用:

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

(3) 供固定式點對點操作使用:

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

(4) 供行動或可攜式裝置操作使用:

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

2. 5.25-5.35 GHz 與 5.470-5.725 GHz 頻帶

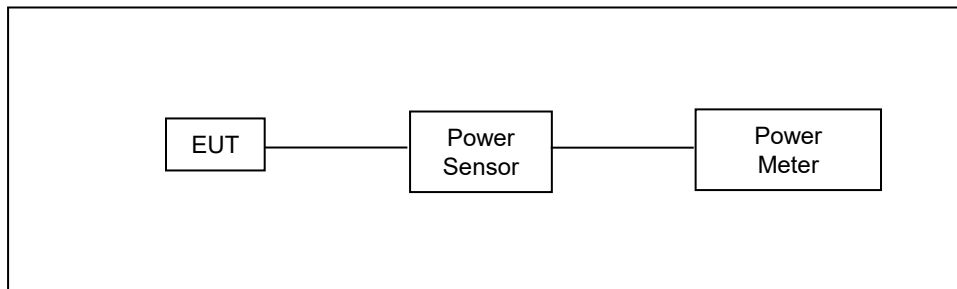
- (1) 最大傳導輸出功率不能超過 250 mW 或 $11 \text{ dBm} + 10 \log B$ (B 是 26 dB 發射頻寬，單位 MHz)之較小者。
- (2) 最大功率頻譜密度在任何 1 MHz 頻帶中不能超過 11 dBm。
- (3) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

3. 5.725-5.850 GHz 頻帶

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

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

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:

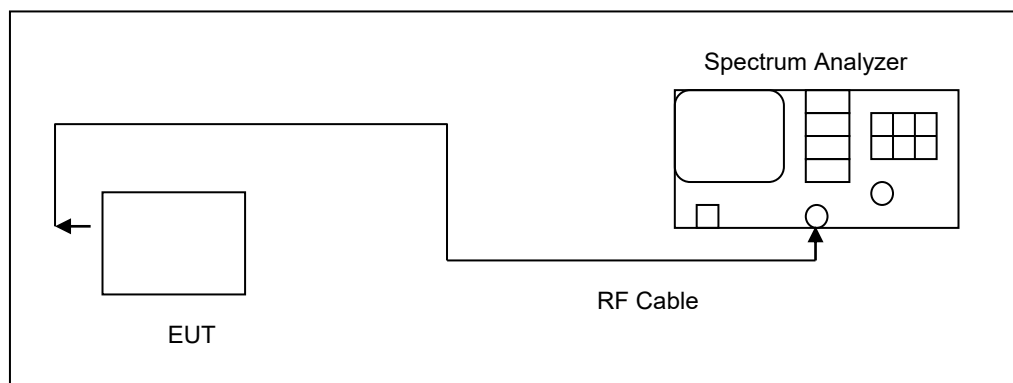
(1) 應將量測儀器直接連接待測物，以傳導方式執行。

(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。

測試架構圖：

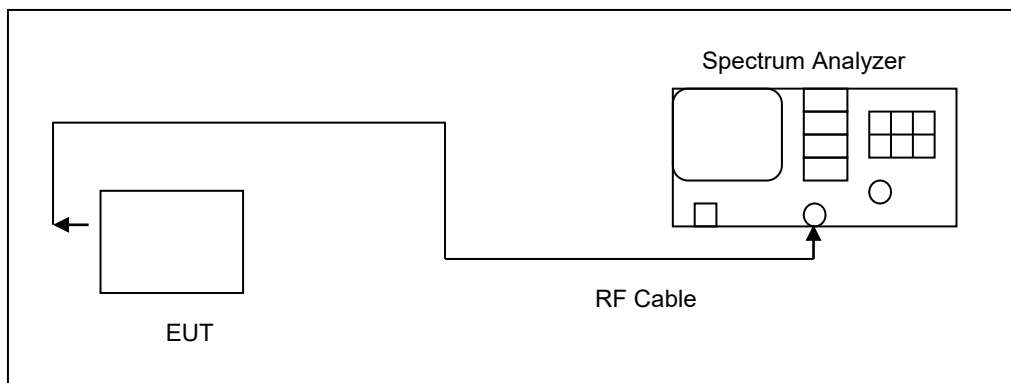


4.3.4 26 dB頻寬之要求

合格標準:

N/A

測試架構圖：

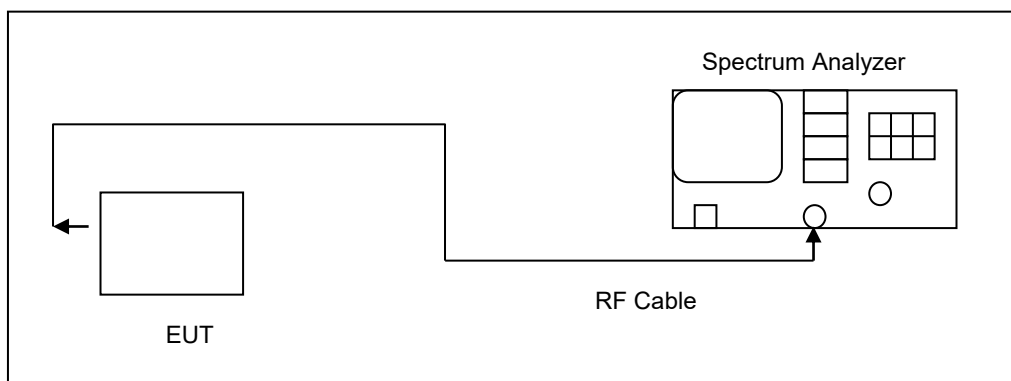


4.3.5 6 dB頻寬之要求

合格標準:

在 5.725 GHz~5.850 GHz 頻帶操作之設備，其 6 dB 頻寬至少應有 500 kHz。

測試架構圖：

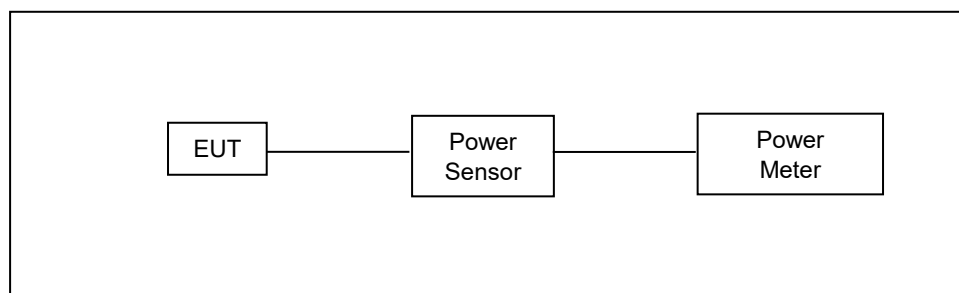


4.3.6 發射功率控制(TPC)之量測

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)5.7.7.1 節之要求，發射功率控制(TPC)操作於 5.25 GHz~5.35 GHz 與 5.470 GHz~5.725 GHz 頻帶的設備，應具備發射功率控制功能。設備必須至少具有 6 dB 低於平均 EIRP 值 30 dBm 的能力。EIRP 值低於 500 mW 之系統不須具備 TPC 功能。

測試架構圖：



4.3.7 動態頻率選擇(DFS)之量測

合格標準:

依據 NCC 低功率射頻器材技術規範(LP0002)5.7.7.2 節之要求, 操作於 5.25 GHz~5.35 GHz 與 5.470 GHz~5.725 GHz 頻帶之設備應具備動態頻率選擇雷達偵測功能並啟動之, 以完整偵測使用頻帶內之雷達訊號, 避免與雷達系統

同頻道操作。相關規定如下:

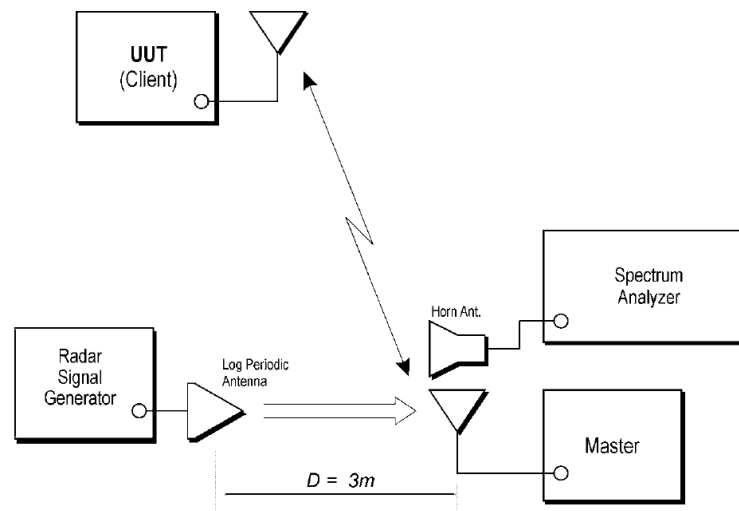
最低動態頻率選擇的偵測門檻

- 最大 EIRP 為 200 mW 至 1 W 之設備, 其最低動態頻率選擇的偵測門檻值為-64 dBm。
- 最大 EIRP 低於 200 mW, 且功率頻譜密度小於 10 dBm/MHz 之設備, 其最低動態頻率選擇的偵測門檻值為-62 dBm。
- 最大 EIRP 低於 200 mW, 且功率頻譜密度大於或等於 10 dBm/MHz 之設備, 其最低動態頻率選擇的偵測門檻值為-64dBm。
- 此偵測門檻值為 1 微秒內之平均接收功率, 並以 0 dBi 天線為參考基準。頻道初始設定得由系統隨機選取或使用者手動選取。

操作模式: 動態頻率選擇之規定適用於以下之操作模式:

- 頻道可用性檢查時間之規定, 適用於主控運作模式。
- 頻道移動時間之規定, 適用於主控及受控運作模式。

測試架構圖:

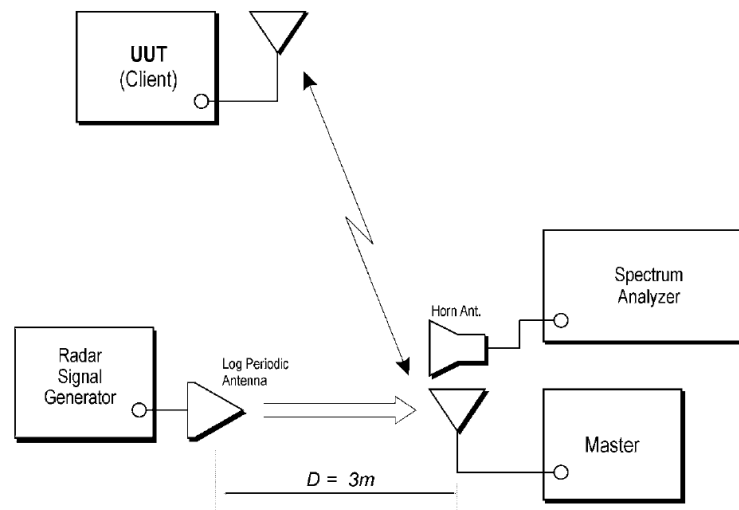


4.3.8 頻道可用性檢查時間之量測

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 5.7.7.2(3)節之要求，設備必須檢查其可在某一頻道上起始傳送之前是否有雷達系統已經操作在該頻道上，以及何時其必須移動到另一新的頻道，在 60 秒內若沒有偵測到功率位準大過上述之干擾門檻值的雷達信號時，設備才可開始使用該頻道。

測試架構圖：

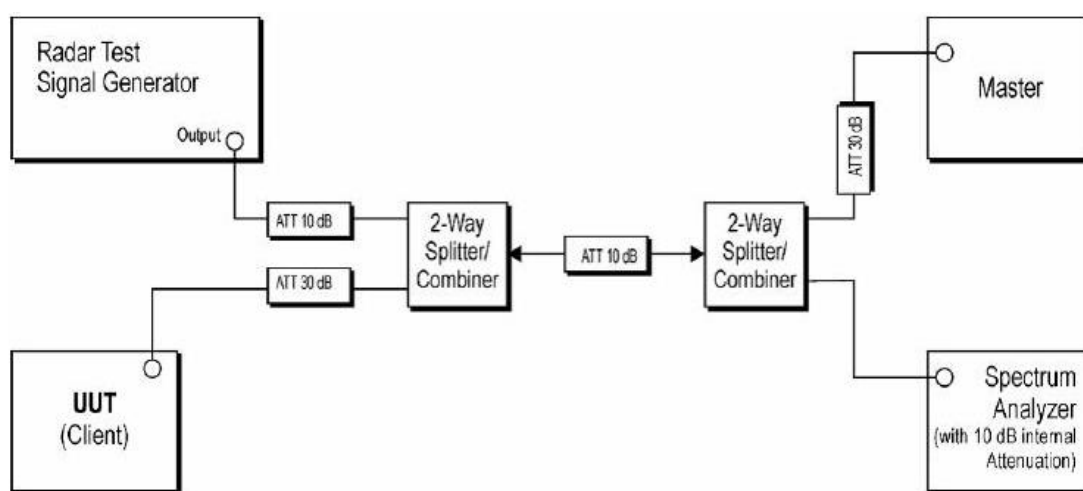


4.3.9 頻道移動時間之量測

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 5.7.7.2(4)節之要求，在偵測到雷達的存在後，所有在該操作頻道上
的所有傳輸須在 10 秒內停止，在偵測到雷達信號後，該期間內的傳輸應維持最多 200 毫秒的正常通訊。另外，間
歇性的管理與控制信號可在剩餘的時間中傳送，以便撤離該操作頻道。

測試架構圖：



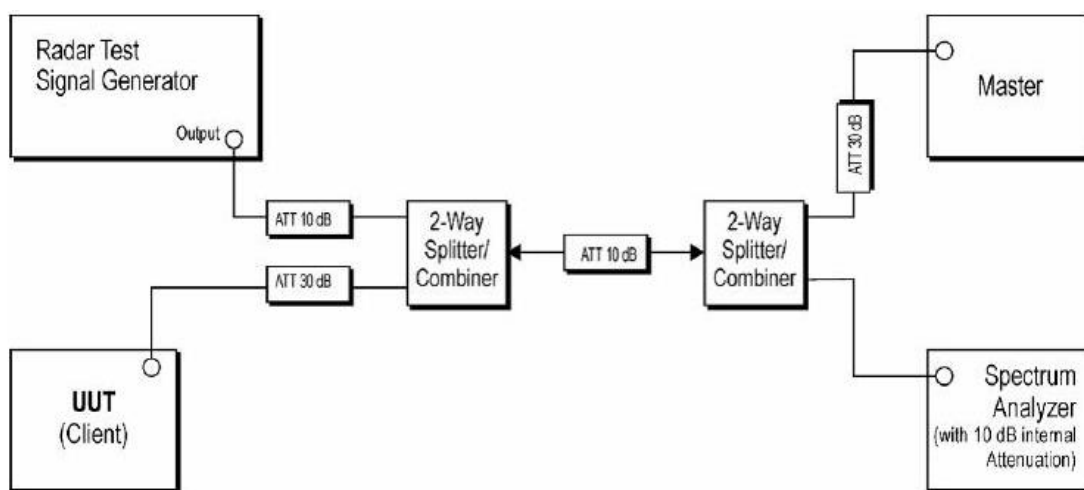
Product		Manufacturer	Model No.	ID
1.	Wiress-AX6000	ASUS	RT-AX88U	NCC : CCAF18LP1530T1

4.3.10 不可佔用時間之量測

合格標準：

依據 NCC 低功率射頻器材技術規範(LP0002)之 5.7.7.2(5)節之要求，某一頻道已被頻道可用性檢查或”服務中”監視顯示含有雷達系統，至少須有 30 分鐘的不可佔用期間。不可佔用期間起始於偵測到雷達系統的當時。

測試架構圖：



4.3.11 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。

4.3.12 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

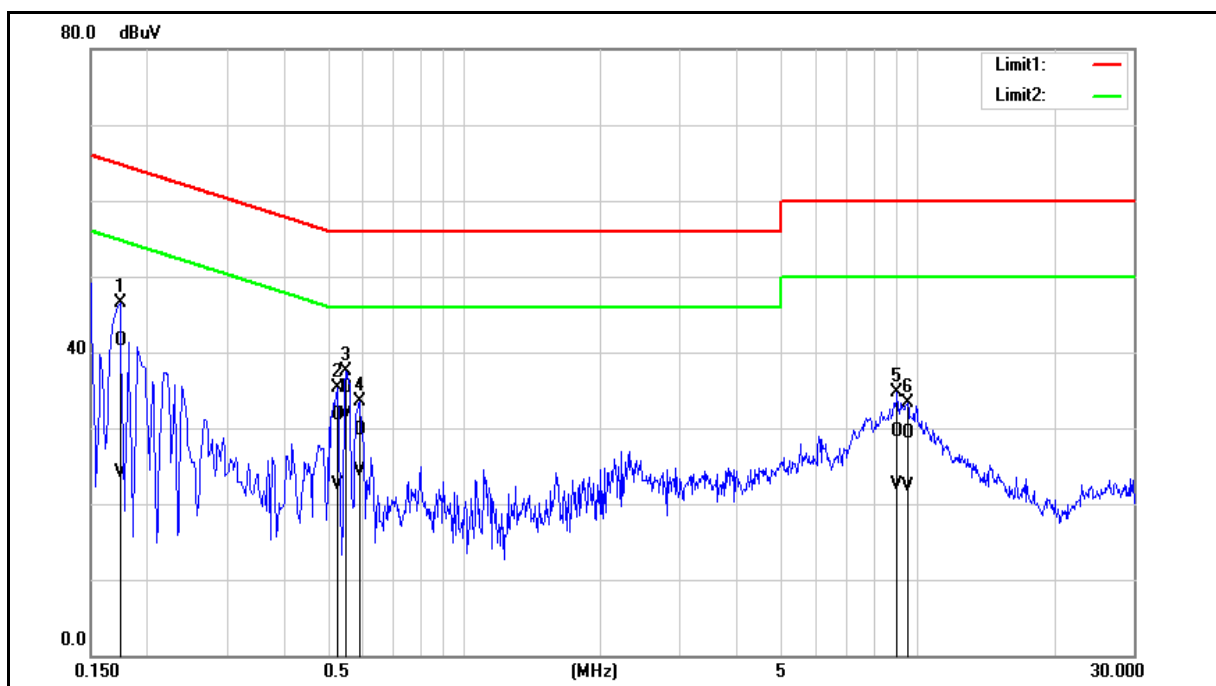
註 1：標記*表平面波等效功率密度。

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:			

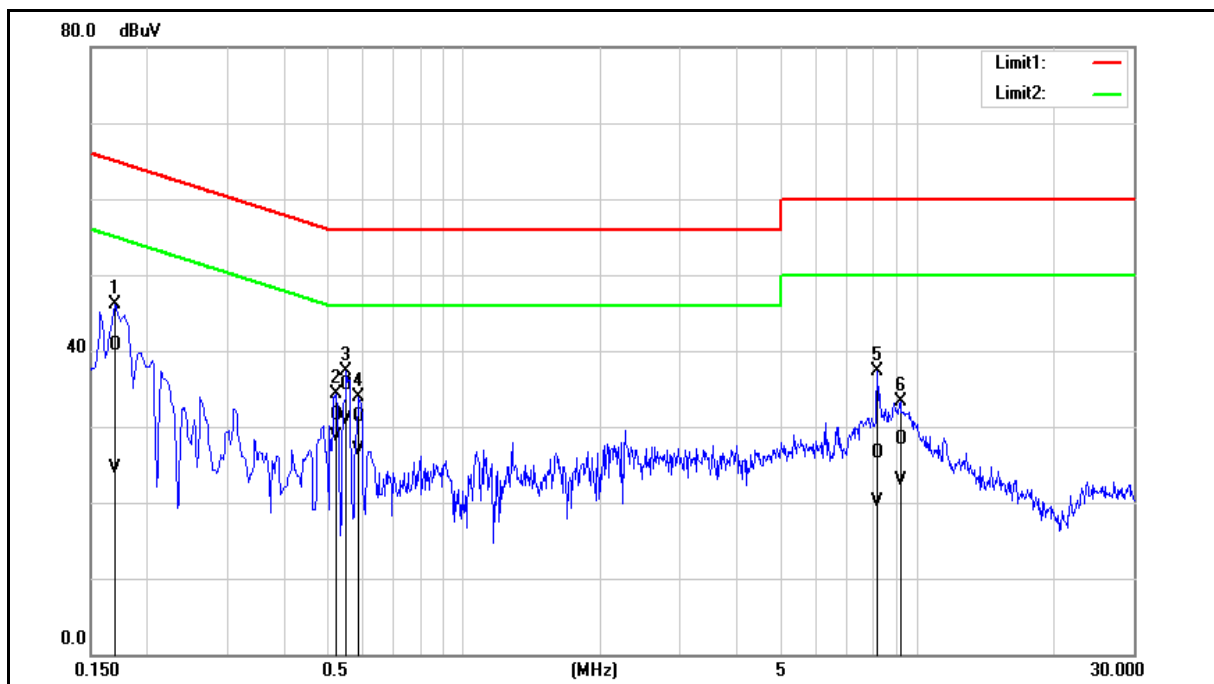


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1740	31.71	14.44	9.70	41.41	24.14	64.77	54.77	-23.36	-30.63	Pass
2	0.5260	21.99	12.83	9.71	31.70	22.54	56.00	46.00	-24.30	-23.46	Pass
3	0.5500	25.59	22.05	9.71	35.30	31.76	56.00	46.00	-20.70	-14.24	Pass
4	0.5900	19.90	14.65	9.71	29.61	24.36	56.00	46.00	-26.39	-21.64	Pass
5	9.0180	19.63	12.68	9.87	29.50	22.55	60.00	50.00	-30.50	-27.45	Pass
6	9.5340	19.52	12.48	9.88	29.40	22.36	60.00	50.00	-30.60	-27.64	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:			



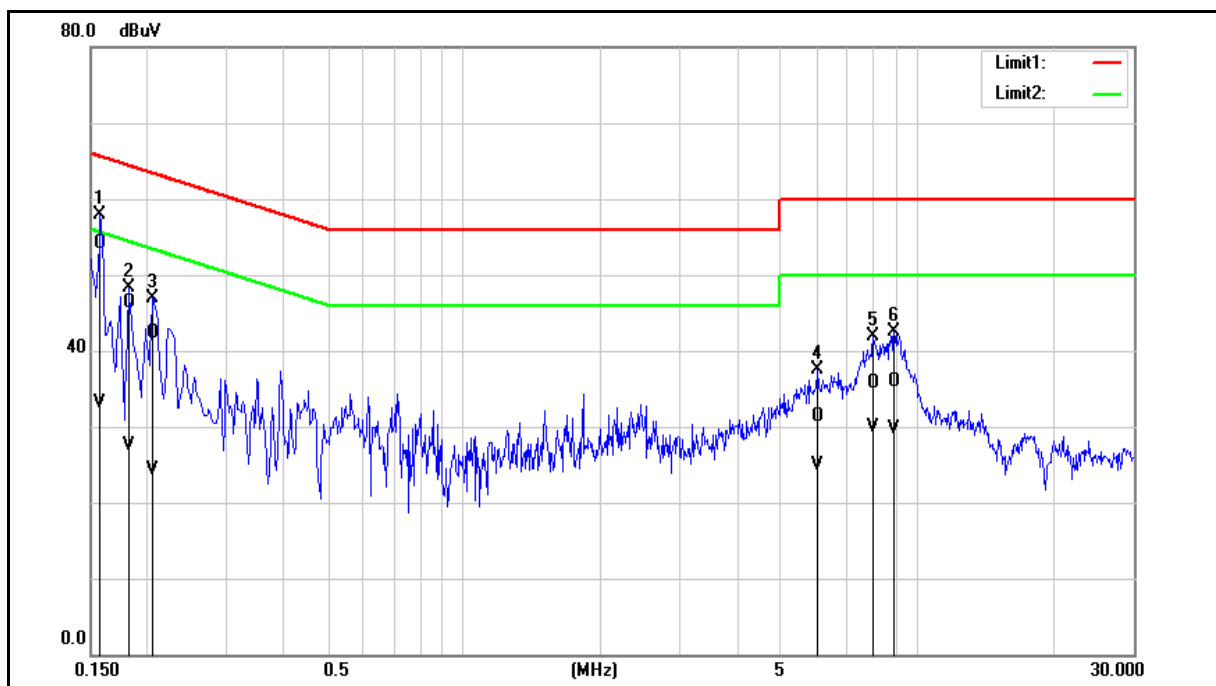
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1700	31.02	14.87	9.69	40.71	24.56	64.96	54.96	-24.25	-30.40	Pass
2	0.5220	21.86	19.09	9.70	31.56	28.79	56.00	46.00	-24.44	-17.21	Pass
3	0.5500	25.77	21.25	9.70	35.47	30.95	56.00	46.00	-20.53	-15.05	Pass
4	0.5860	21.54	17.18	9.70	31.24	26.88	56.00	46.00	-24.76	-19.12	Pass
5	8.1580	16.71	10.21	9.85	26.56	20.06	60.00	50.00	-33.44	-29.94	Pass
6	9.1780	18.43	12.94	9.87	28.30	22.81	60.00	50.00	-31.70	-27.19	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:			

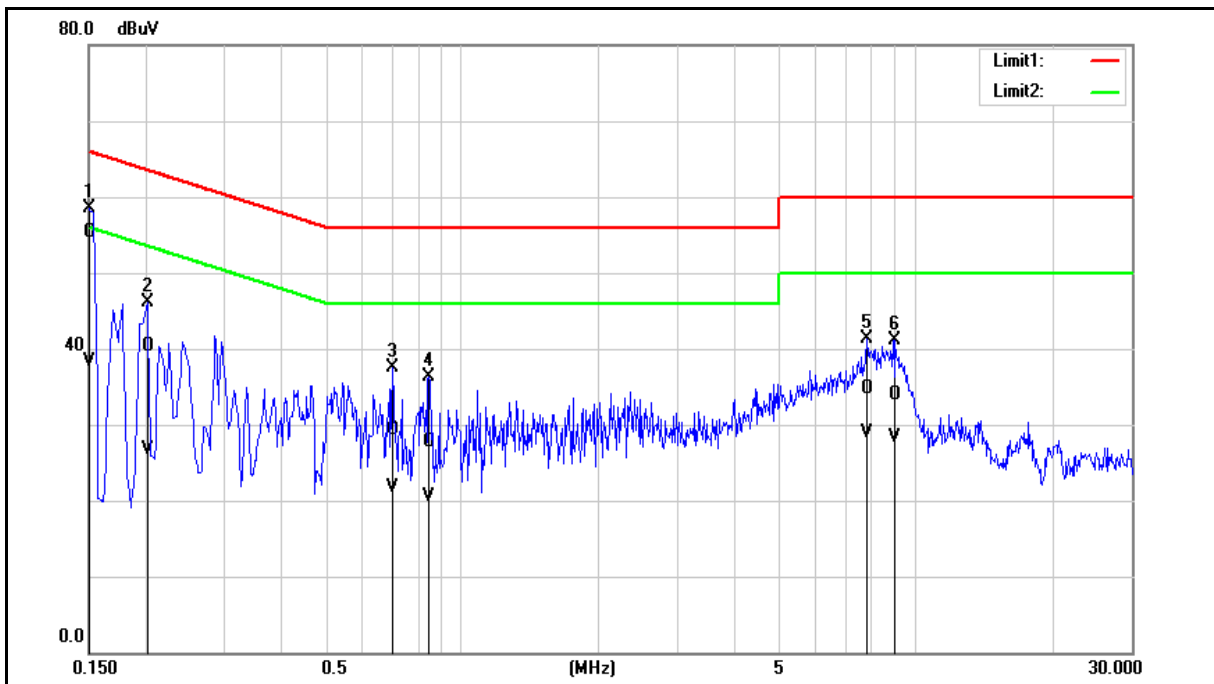


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1580	44.34	23.38	9.70	54.04	33.08	65.57	55.57	-11.53	-22.49	Pass
2	0.1820	36.54	17.72	9.70	46.24	27.42	64.39	54.39	-18.15	-26.97	Pass
3	0.2060	32.55	14.53	9.70	42.25	24.23	63.37	53.37	-21.12	-29.14	Pass
4	6.0540	21.40	15.17	9.83	31.23	25.00	60.00	50.00	-28.77	-25.00	Pass
5	7.9940	25.93	20.11	9.85	35.78	29.96	60.00	50.00	-24.22	-20.04	Pass
6	8.8820	26.04	19.78	9.87	35.91	29.65	60.00	50.00	-24.09	-20.35	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	45.62	28.53	9.69	55.31	38.22	66.00	56.00	-10.69	-17.78	Pass
2	0.2020	30.59	17.01	9.69	40.28	26.70	63.53	53.53	-23.25	-26.83	Pass
3	0.7020	19.67	12.10	9.69	29.36	21.79	56.00	46.00	-26.64	-24.21	Pass
4	0.8460	18.07	10.80	9.70	27.77	20.50	56.00	46.00	-28.23	-25.50	Pass
5	7.8180	24.90	19.00	9.85	34.75	28.85	60.00	50.00	-25.25	-21.15	Pass
6	9.0380	24.02	18.51	9.87	33.89	28.38	60.00	50.00	-26.11	-21.62	Pass

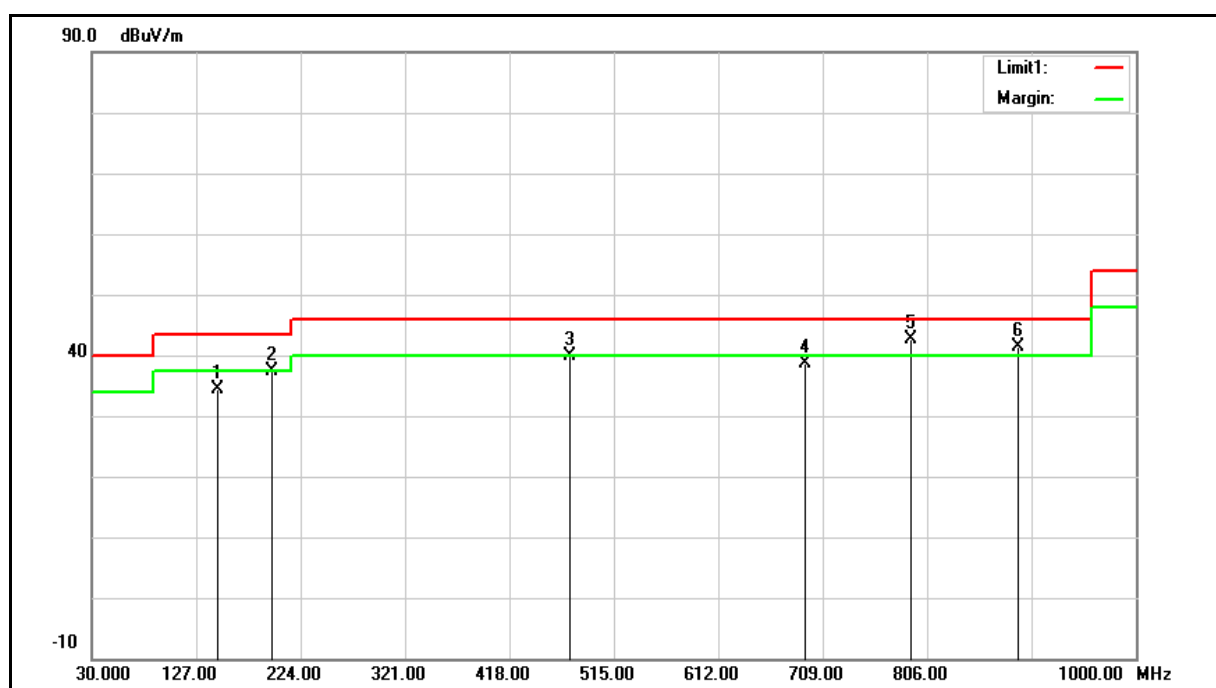
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

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:	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	147.3700	42.09	-7.70	34.39	43.50	-9.11	QP
2	197.8100	47.34	-9.92	37.42	43.50	-6.08	QP
3	474.2600	43.61	-3.76	39.85	46.00	-6.15	QP
4	692.5100	38.79	-0.11	38.68	46.00	-7.32	QP
5	791.4500	41.27	1.48	42.75	46.00	-3.25	QP
6	890.3900	38.43	2.90	41.33	46.00	-4.67	QP

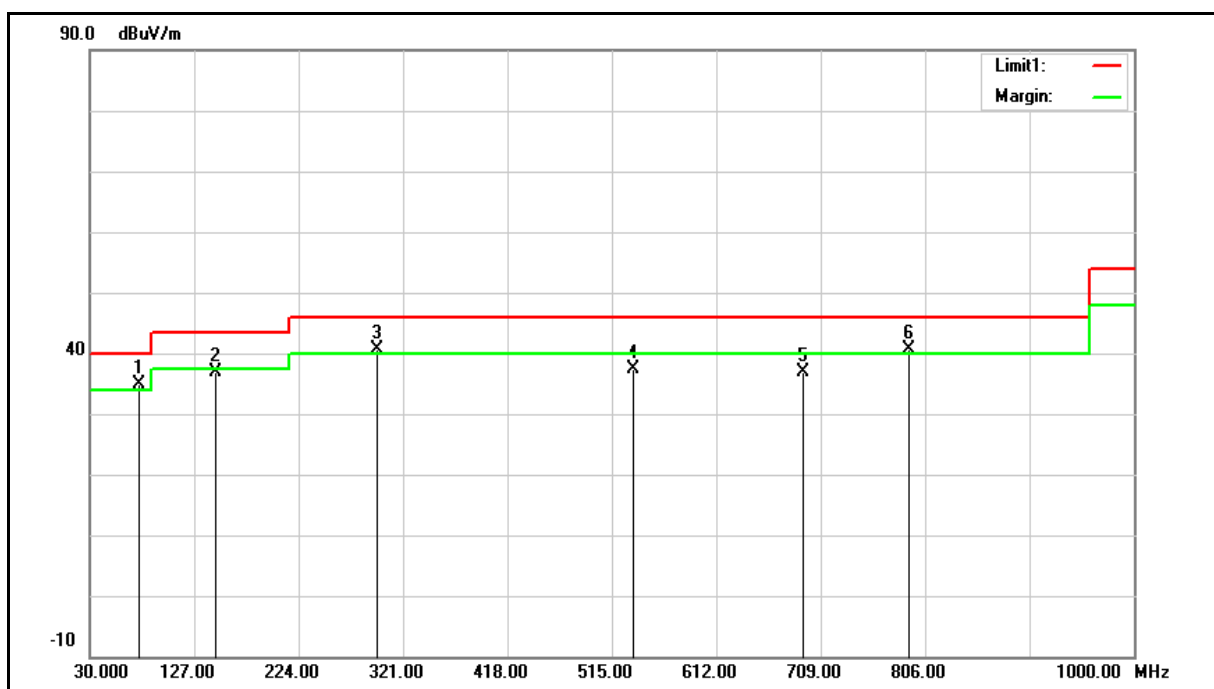
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 34.39 = -7.70 + 42.09

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	75.5900	46.57	-11.76	34.81	40.00	-5.19	QP
2	147.3700	44.50	-7.70	36.80	43.50	-6.70	QP
3	296.7500	47.25	-6.61	40.64	46.00	-5.36	QP
4	535.3700	40.12	-2.78	37.34	46.00	-8.66	QP
5	692.5100	36.90	-0.11	36.79	46.00	-9.21	QP
6	791.4500	39.13	1.48	40.61	46.00	-5.39	QP

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

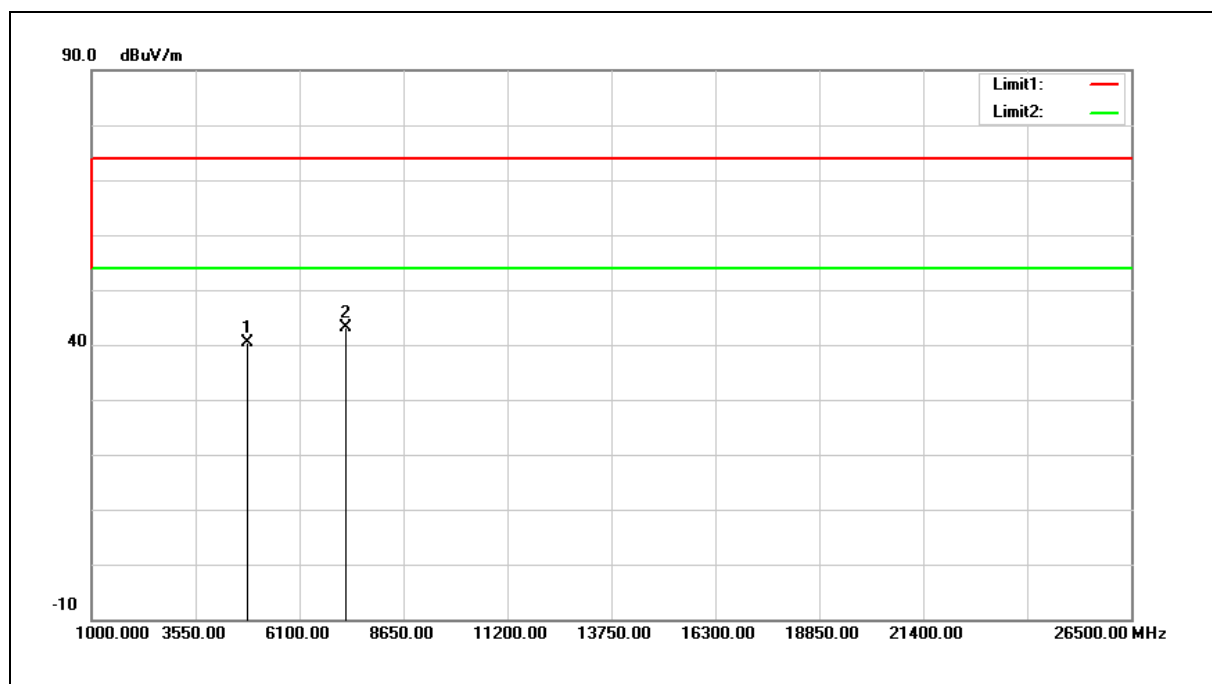
Example: $34.81 = -11.76 + 46.57$

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

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

場強輻射量測 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	41.57	-1.25	40.32	74.00	-33.68	peak
2	7236.000	37.17	5.85	43.02	74.00	-30.98	peak

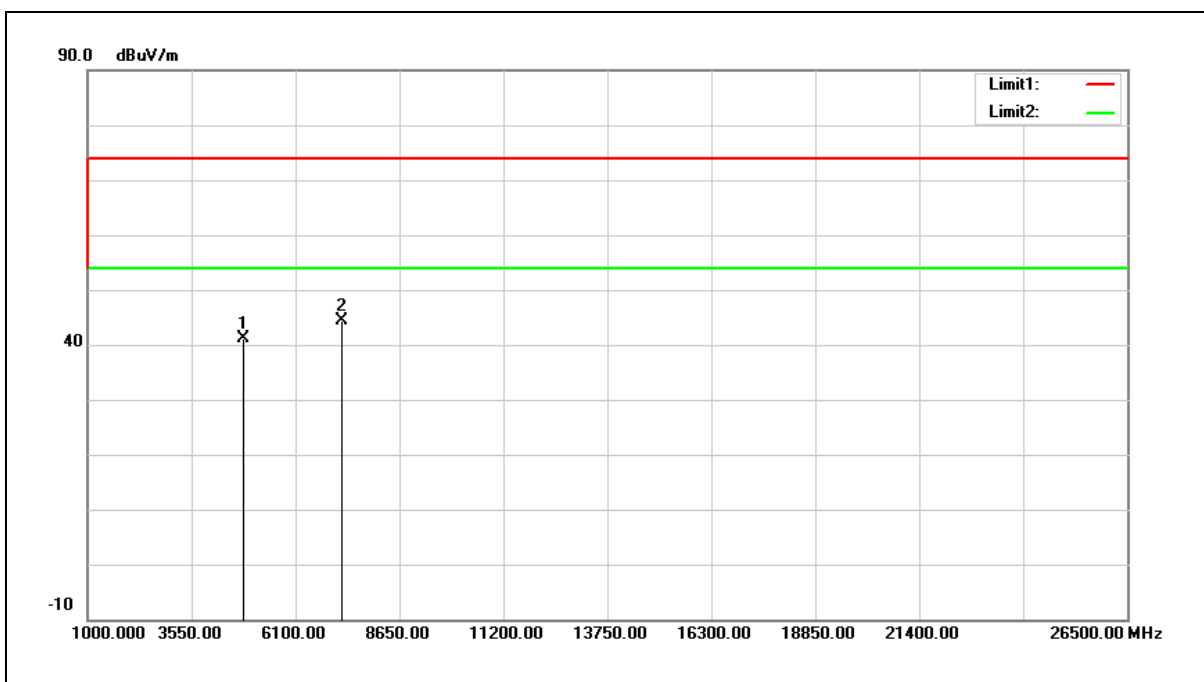
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $40.32 = -1.25 + 41.57$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	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	42.26	-1.25	41.01	74.00	-32.99	peak
2	7236.000	38.51	5.85	44.36	74.00	-29.64	peak

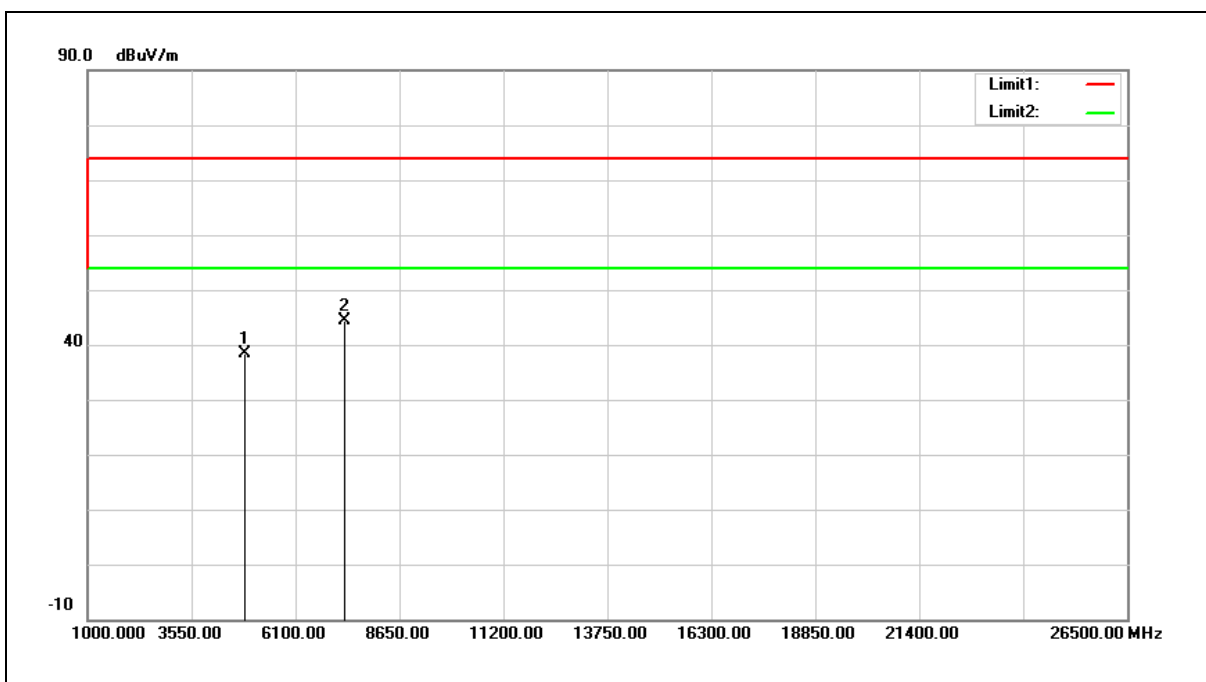
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $41.01 = -1.25 + 42.26$

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

3.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		



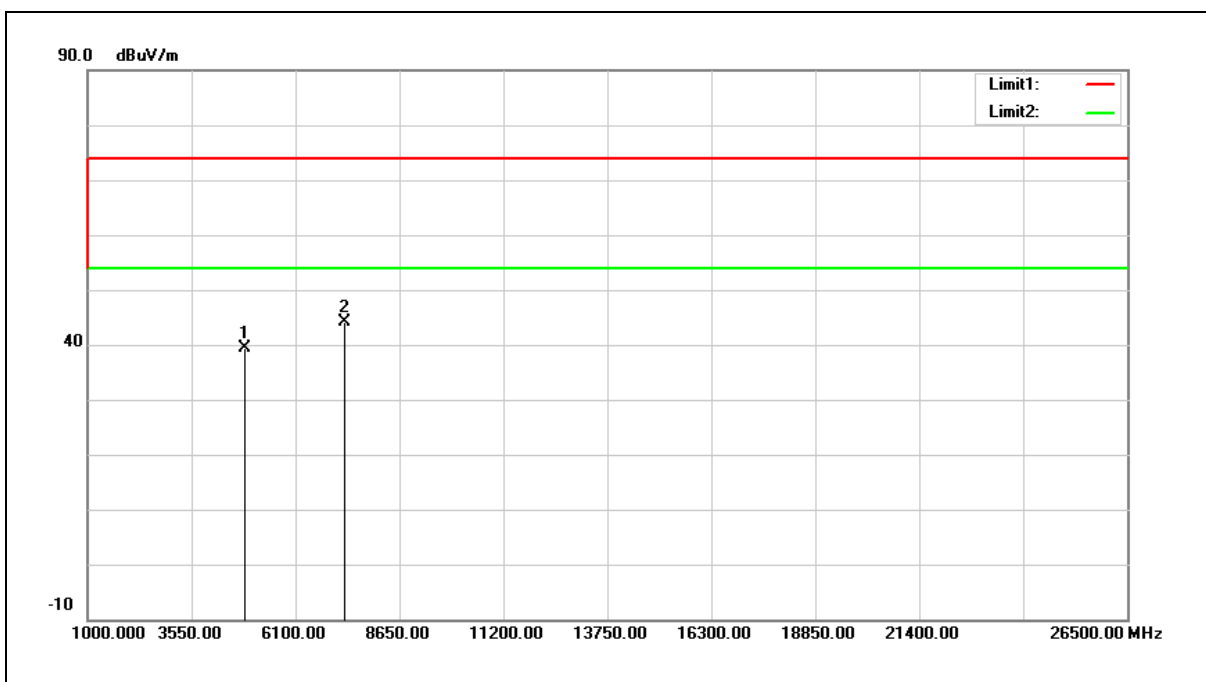
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.55	-1.12	38.43	74.00	-35.57	peak
2	7311.000	38.19	6.11	44.30	74.00	-29.70	peak

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:	2437 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



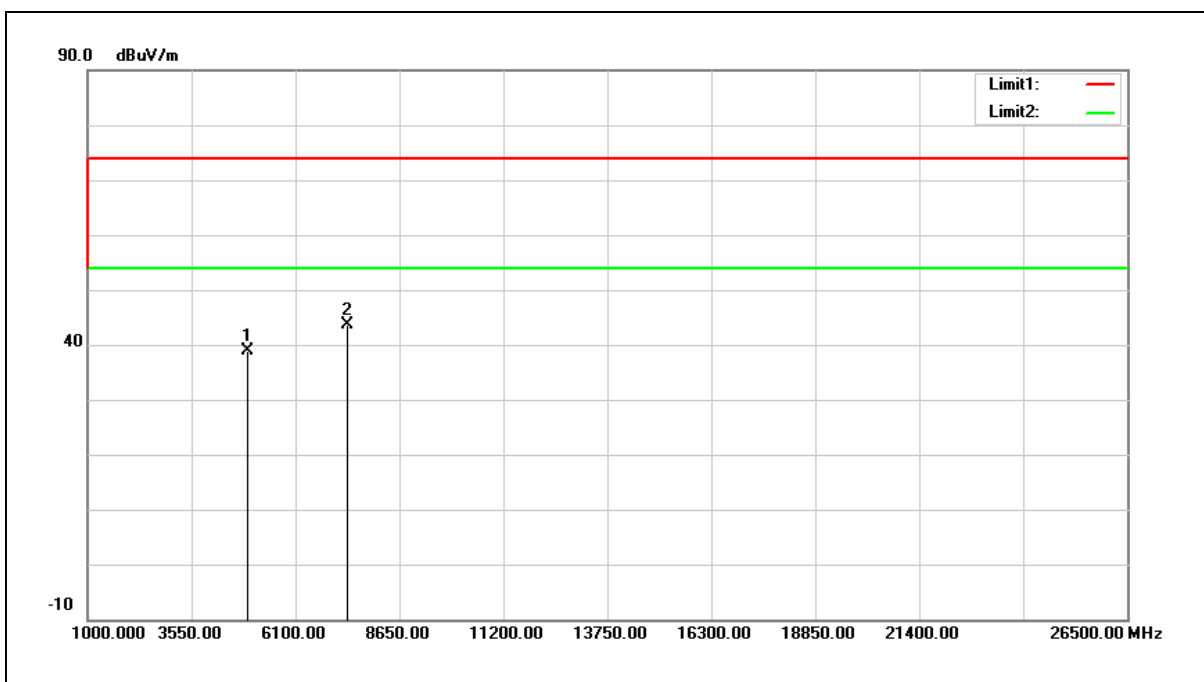
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.60	-1.12	39.48	74.00	-34.52	peak
2	7311.000	38.09	6.11	44.20	74.00	-29.80	peak

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 2		
Ant.Polar.:	Horizontal		



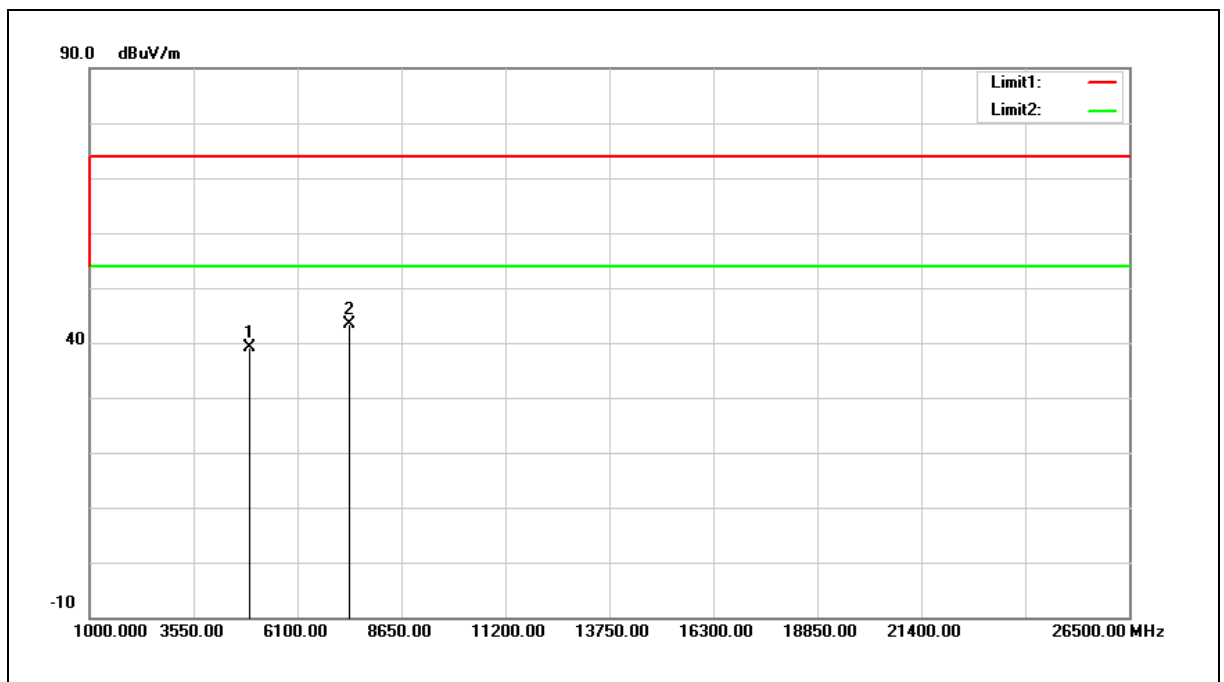
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	39.92	-0.99	38.93	74.00	-35.07	peak
2	7386.000	37.23	6.38	43.61	74.00	-30.39	peak

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

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

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

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



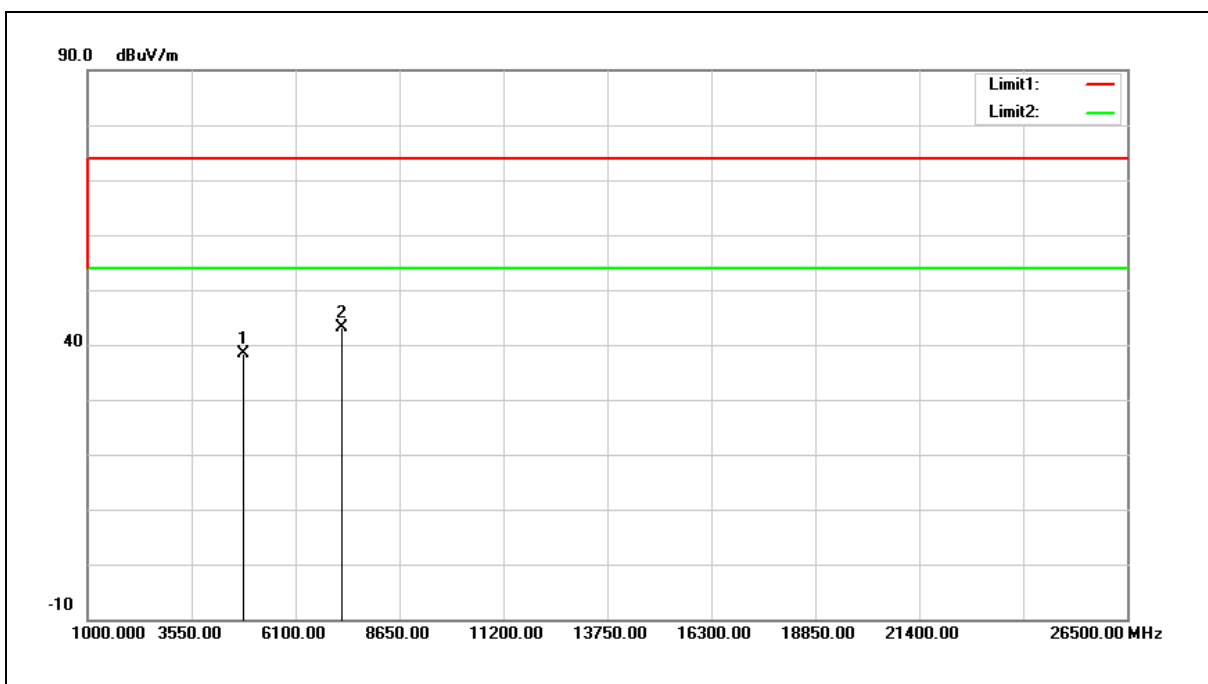
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.24	-0.99	39.25	74.00	-34.75	peak
2	7386.000	36.91	6.38	43.29	74.00	-30.71	peak

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

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

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

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



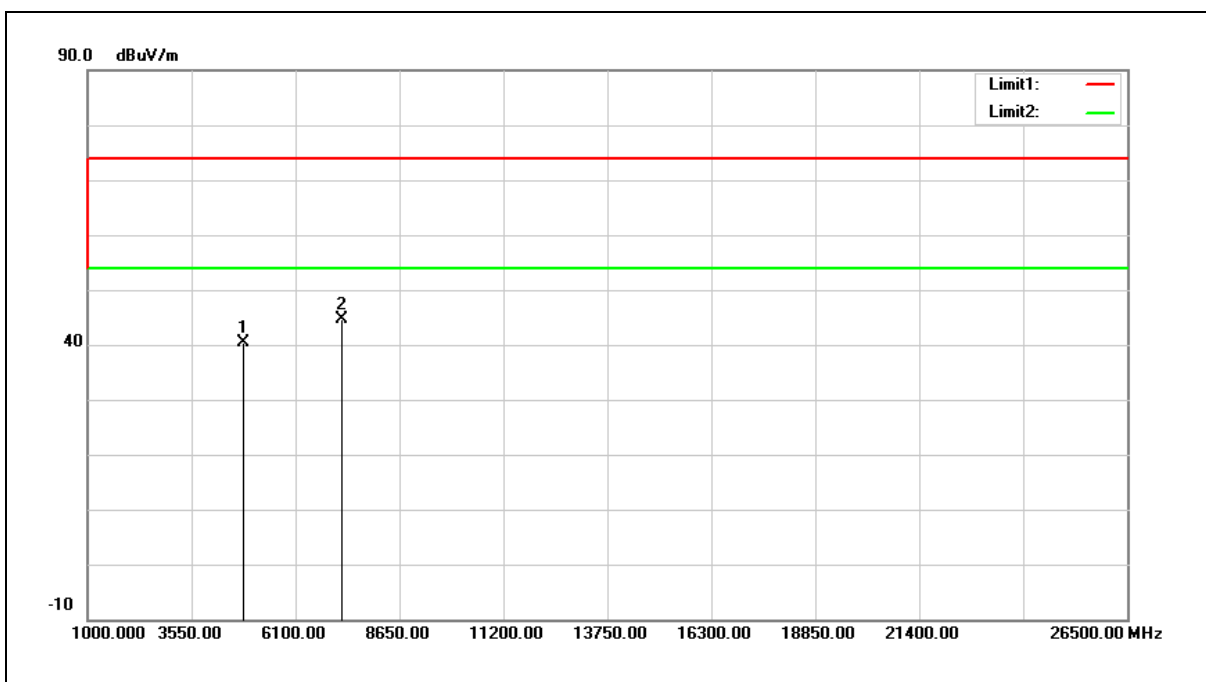
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.65	-1.25	38.40	74.00	-35.60	peak
2	7236.000	37.23	5.85	43.08	74.00	-30.92	peak

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



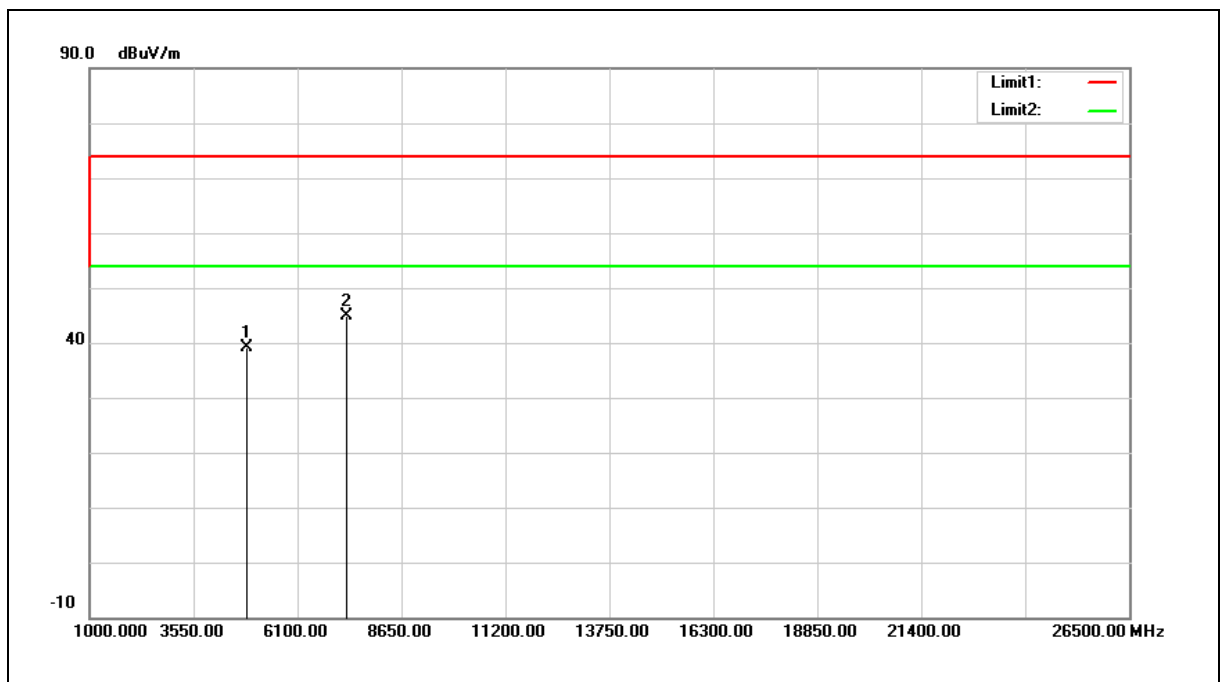
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	41.69	-1.25	40.44	74.00	-33.56	peak
2	7236.000	38.68	5.85	44.53	74.00	-29.47	peak

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

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

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

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



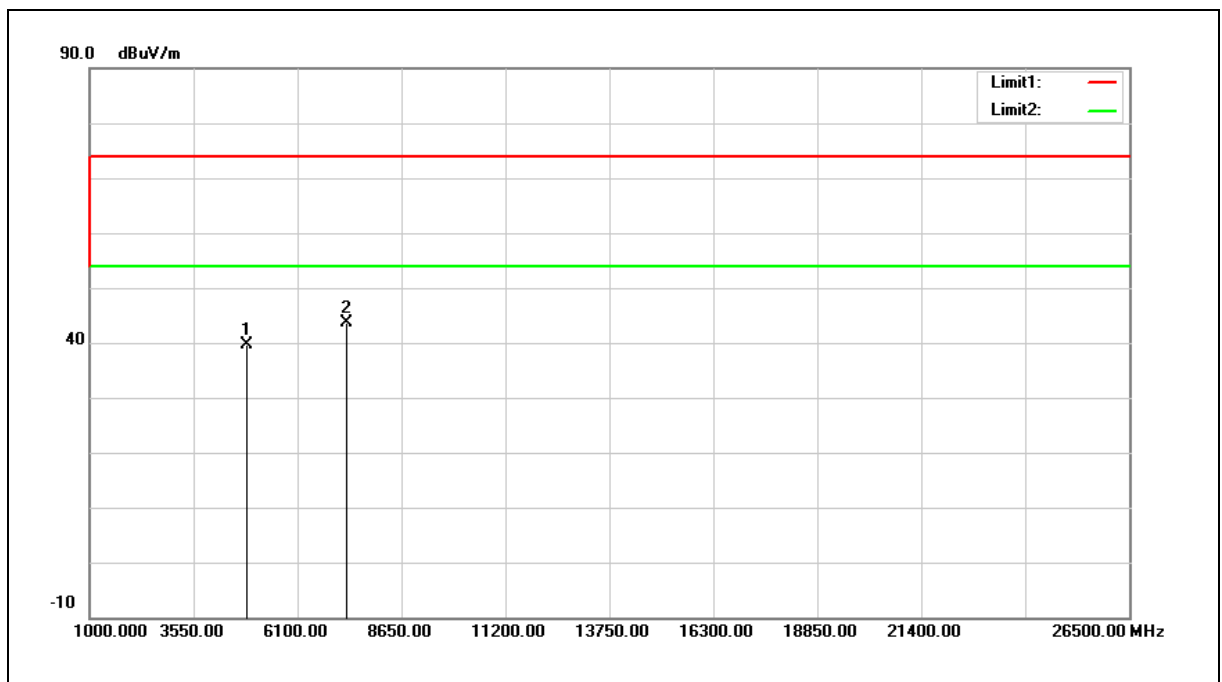
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.13	-1.12	39.01	74.00	-34.99	peak
2	7311.000	38.74	6.11	44.85	74.00	-29.15	peak

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

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

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

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



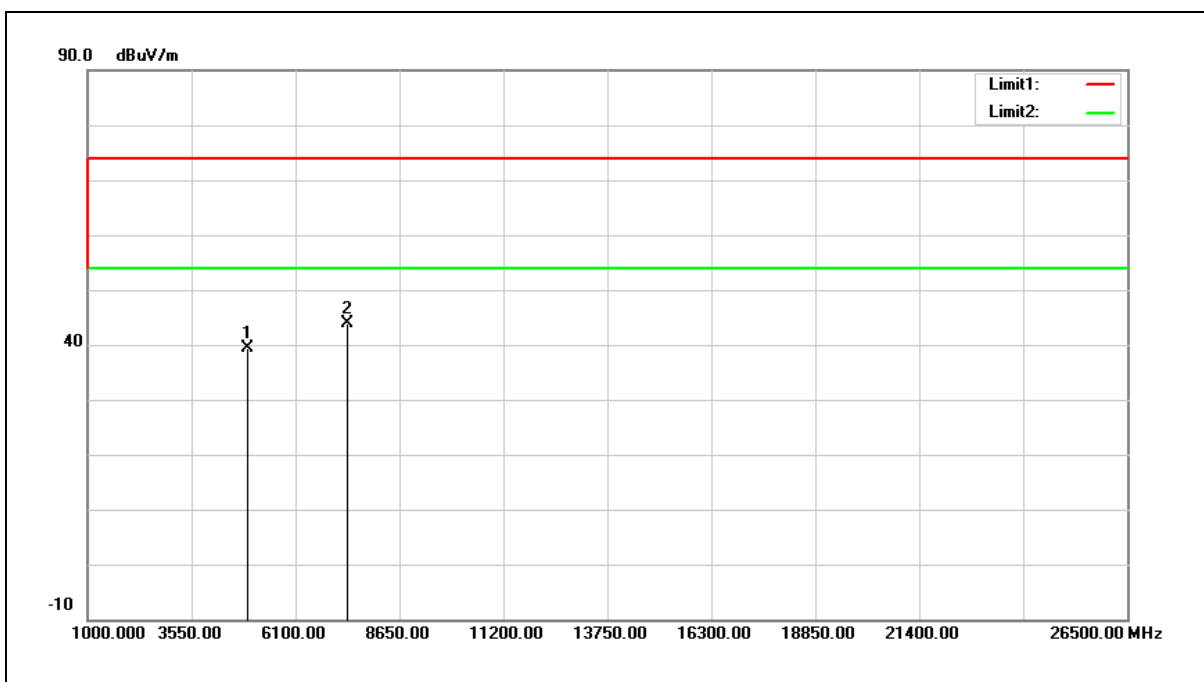
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.81	-1.12	39.69	74.00	-34.31	peak
2	7311.000	37.41	6.11	43.52	74.00	-30.48	peak

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

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

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

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



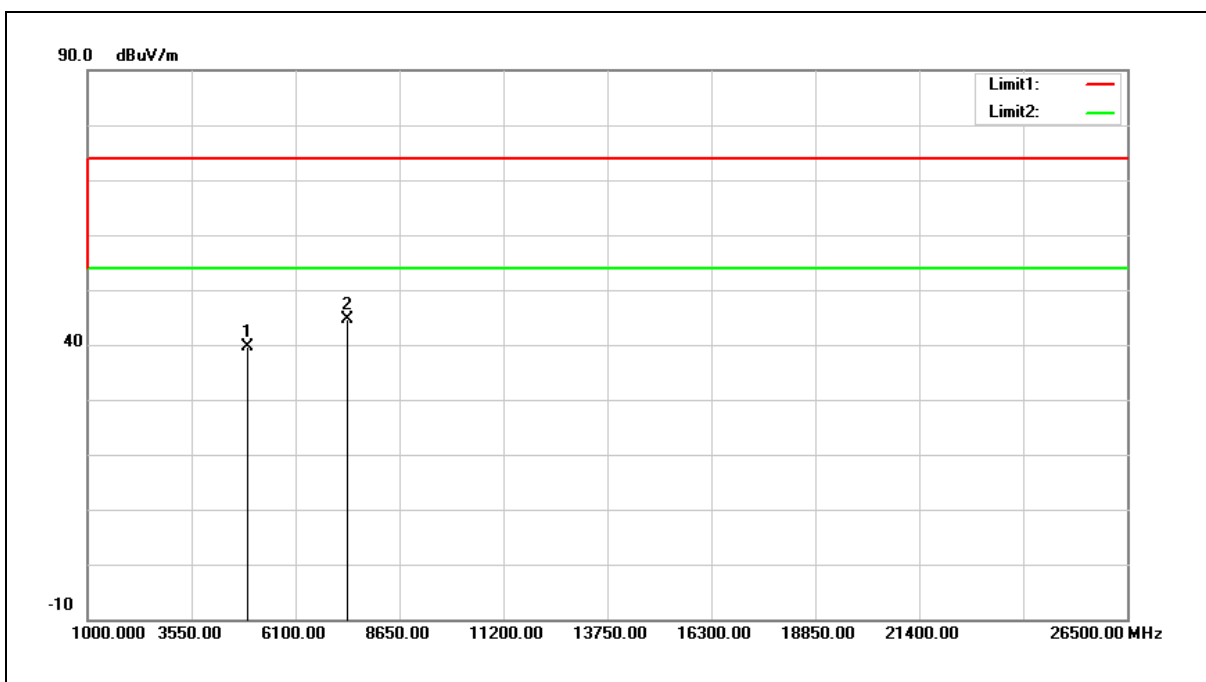
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.27	-0.99	39.28	74.00	-34.72	peak
2	7386.000	37.45	6.38	43.83	74.00	-30.17	peak

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



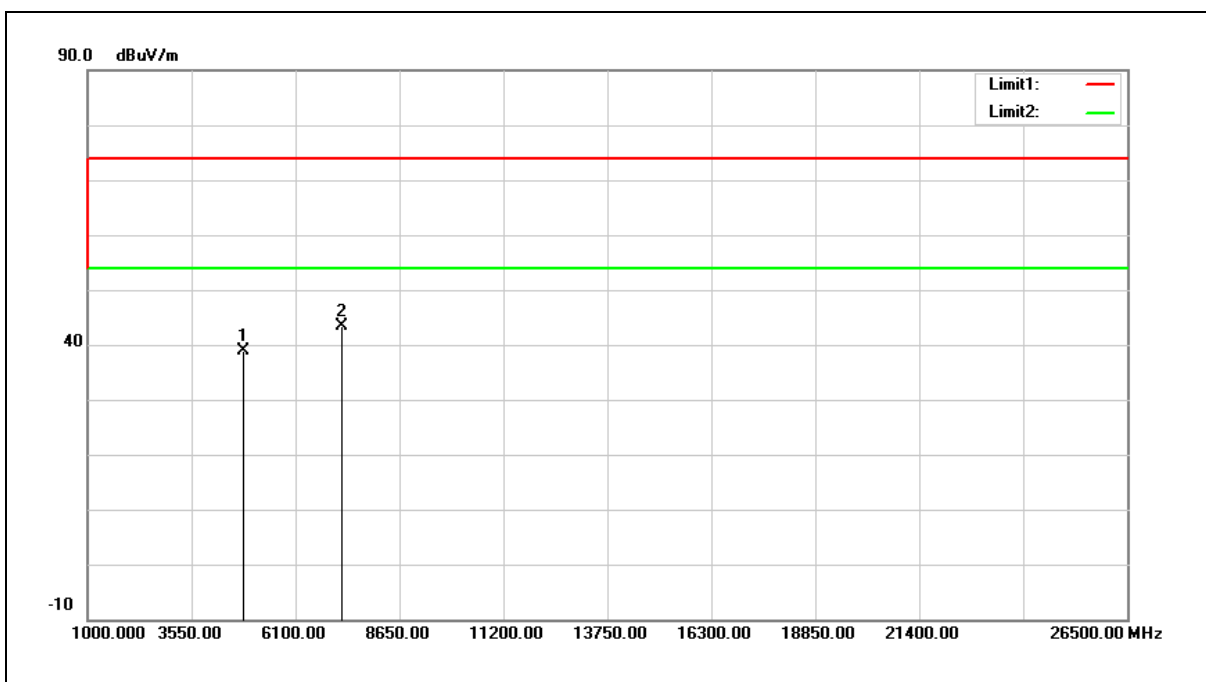
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.57	-0.99	39.58	74.00	-34.42	peak
2	7386.000	38.34	6.38	44.72	74.00	-29.28	peak

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

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

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

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



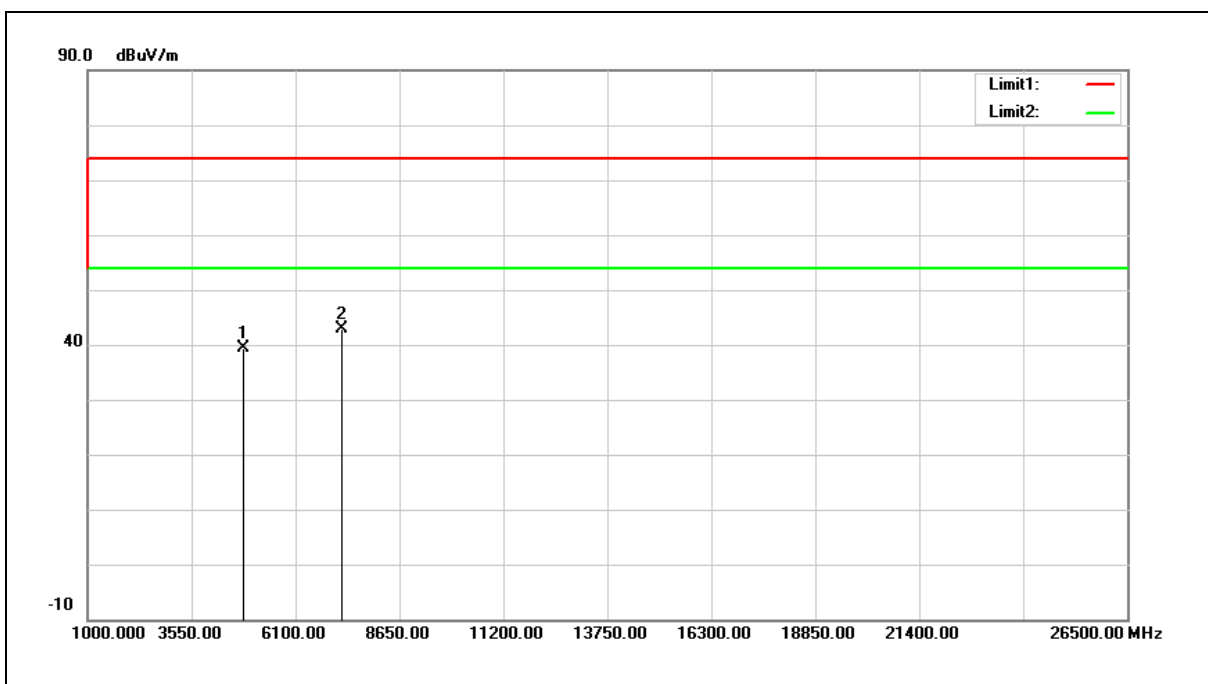
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	40.07	-1.25	38.82	74.00	-35.18	peak
2	7236.000	37.47	5.85	43.32	74.00	-30.68	peak

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

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

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

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



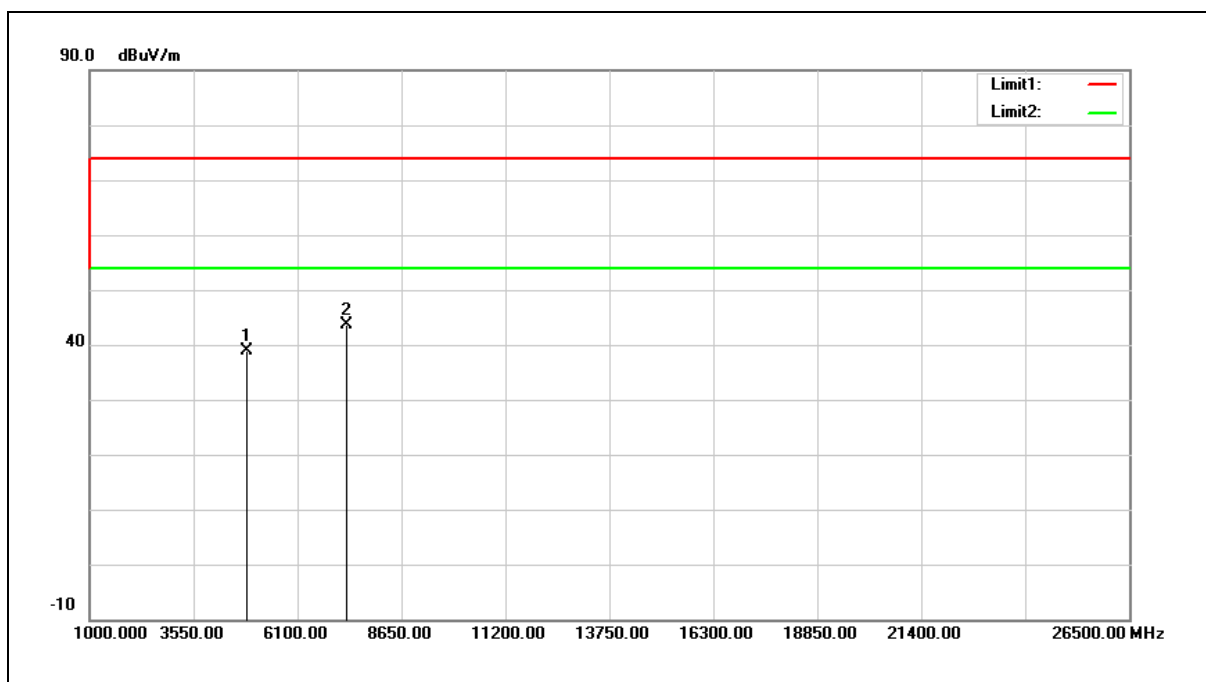
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	40.55	-1.25	39.30	74.00	-34.70	peak
2	7236.000	37.04	5.85	42.89	74.00	-31.11	peak

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

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

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

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



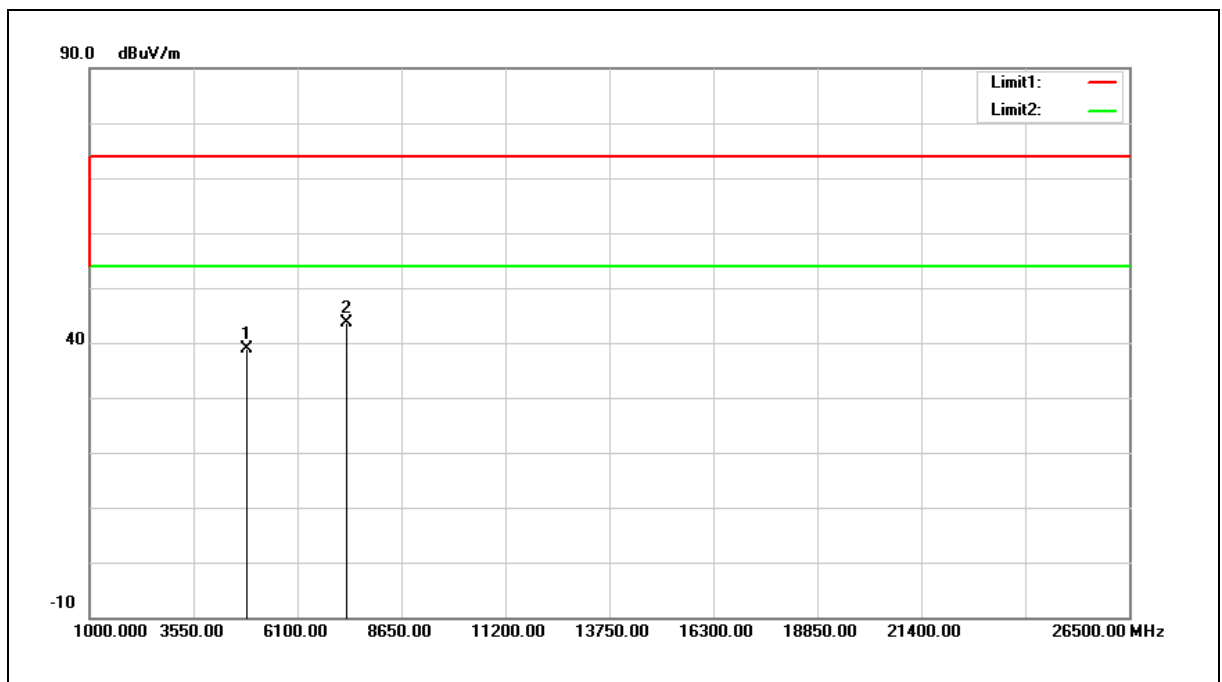
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.90	-1.12	38.78	74.00	-35.22	peak
2	7311.000	37.45	6.11	43.56	74.00	-30.44	peak

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

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

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

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



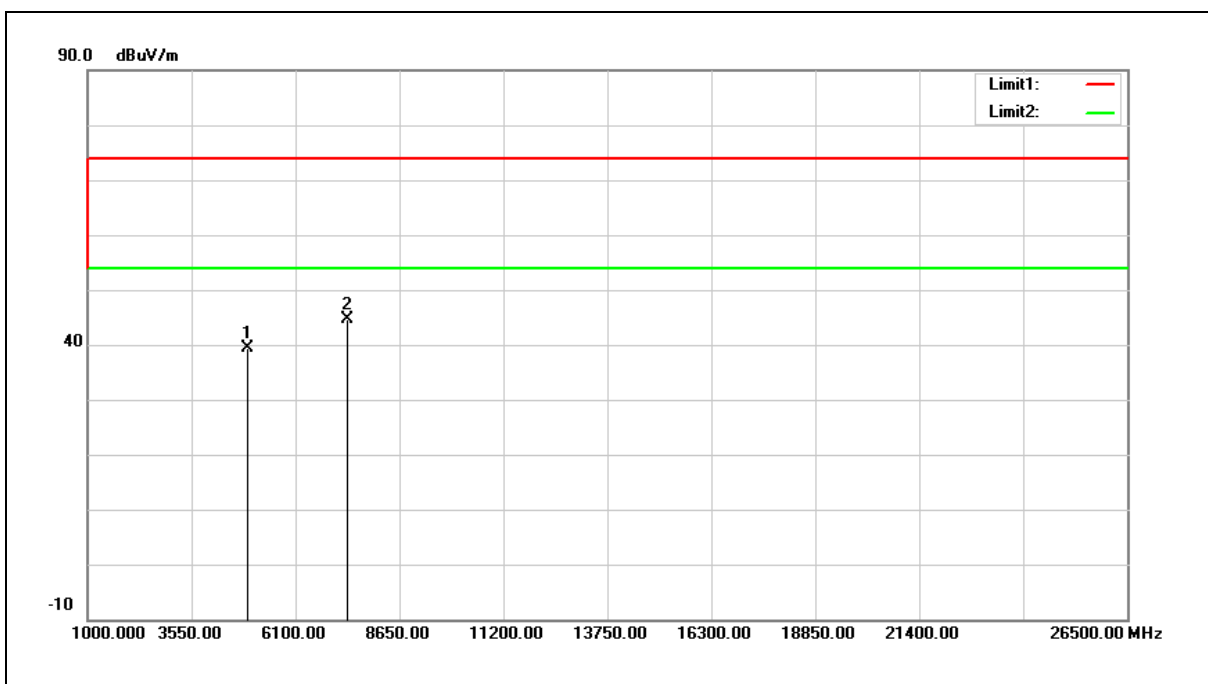
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.01	-1.12	38.89	74.00	-35.11	peak
2	7311.000	37.62	6.11	43.73	74.00	-30.27	peak

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

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

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

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



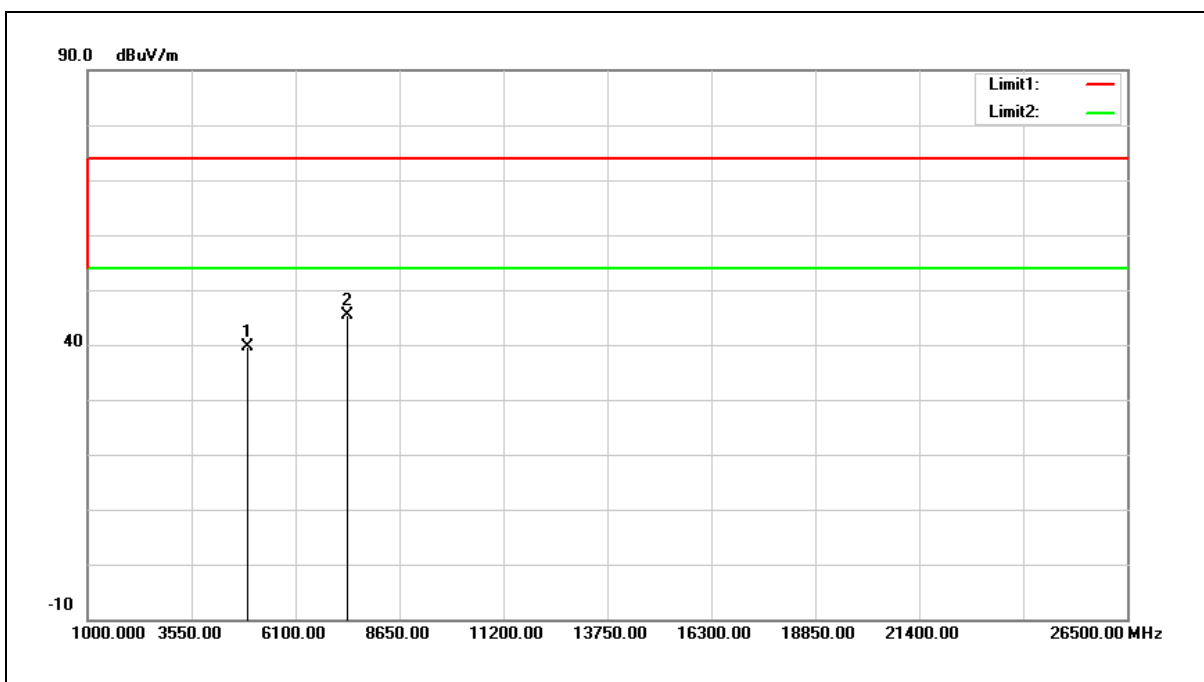
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.25	-0.99	39.26	74.00	-34.74	peak
2	7386.000	38.27	6.38	44.65	74.00	-29.35	peak

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

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

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

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



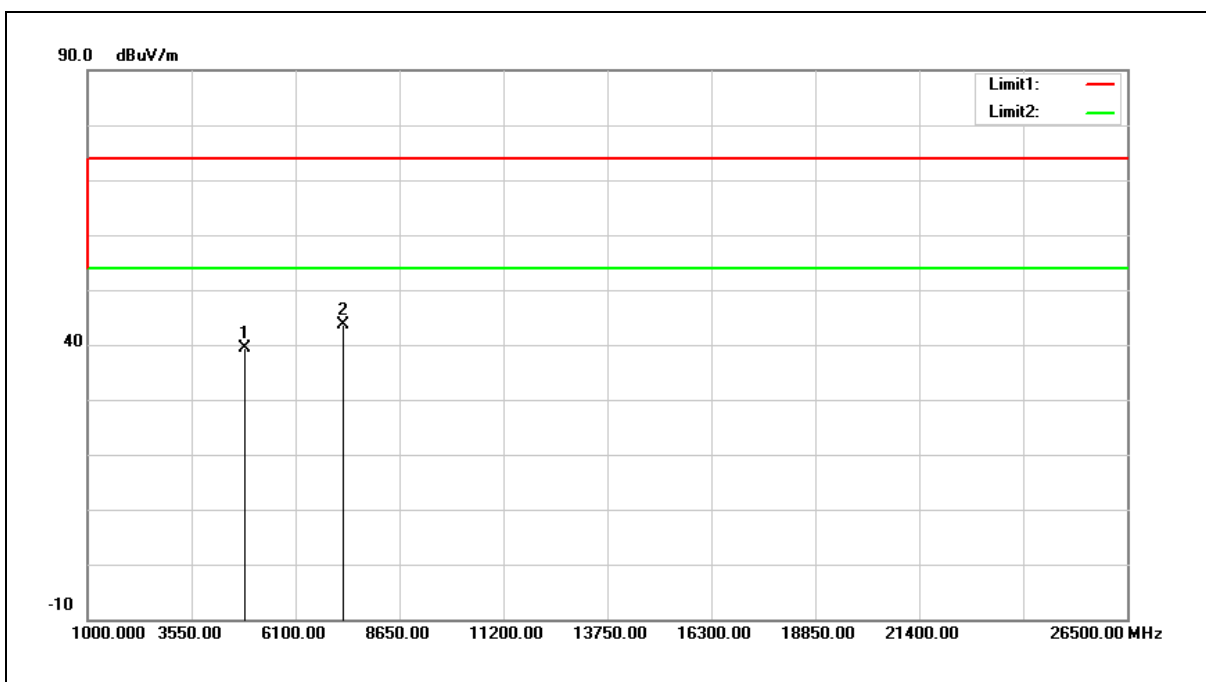
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.67	-0.99	39.68	74.00	-34.32	peak
2	7386.000	39.00	6.38	45.38	74.00	-28.62	peak

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:	Harmonic		
Frequency:	2422 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



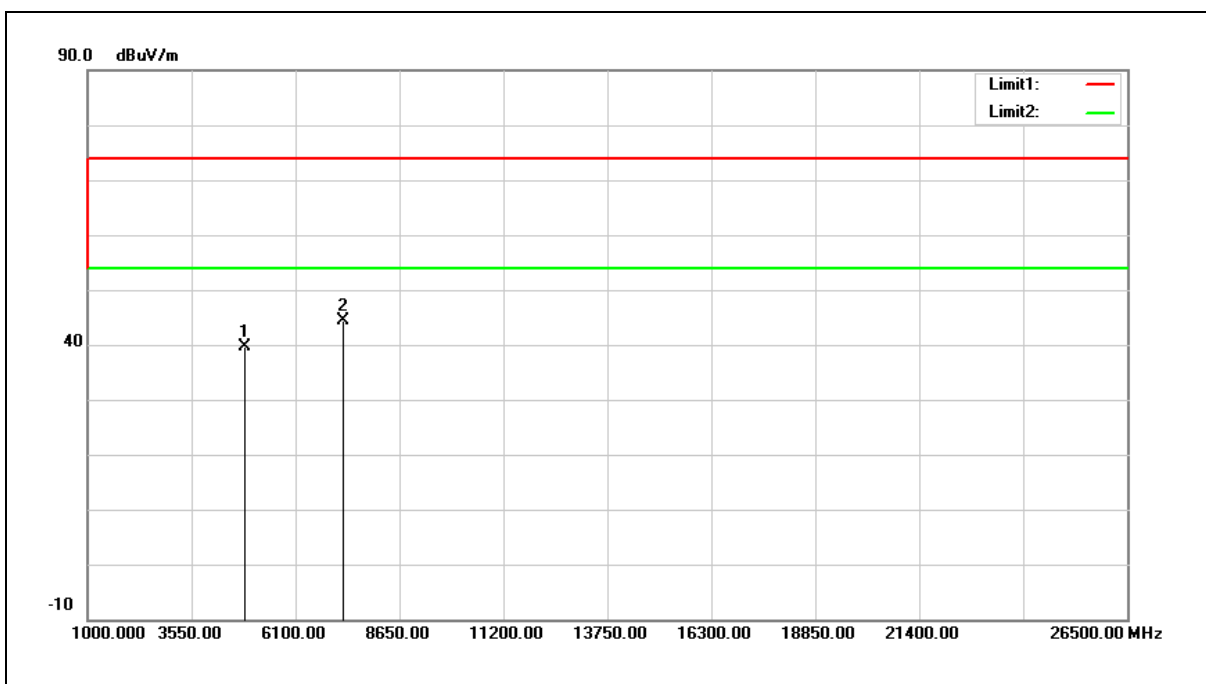
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	40.54	-1.19	39.35	74.00	-34.65	peak
2	7266.000	37.64	5.95	43.59	74.00	-30.41	peak

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:	2422 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



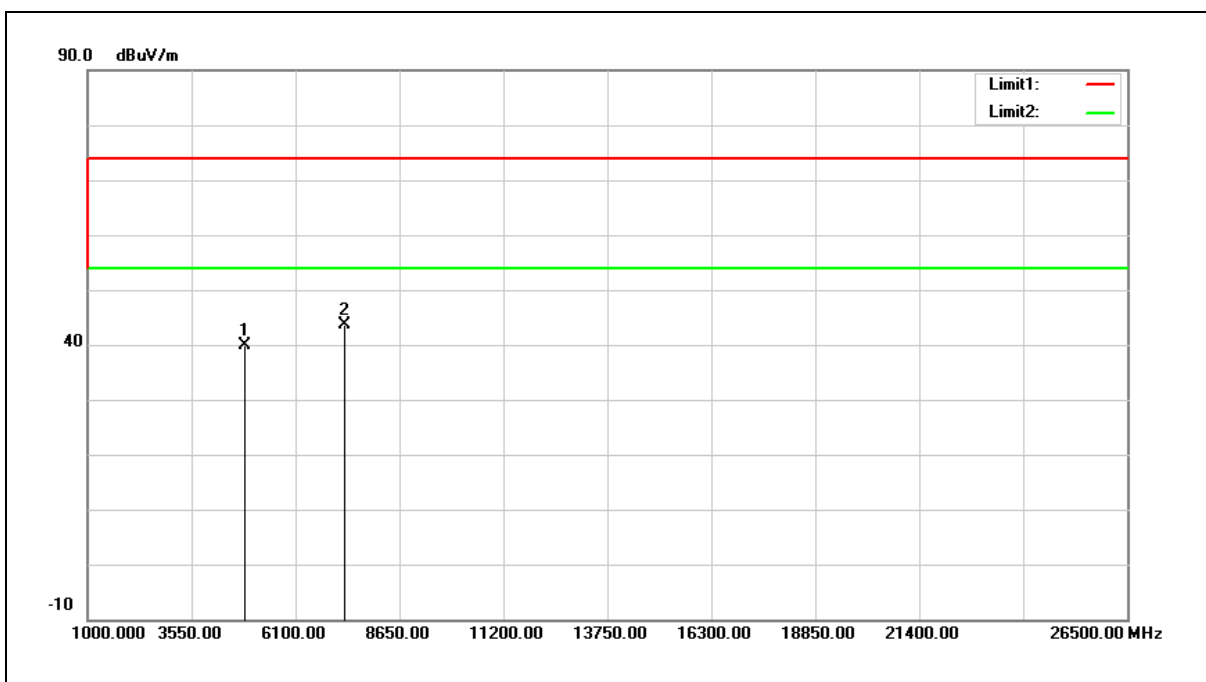
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	40.74	-1.19	39.55	74.00	-34.45	peak
2	7266.000	38.39	5.95	44.34	74.00	-29.66	peak

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

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

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

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



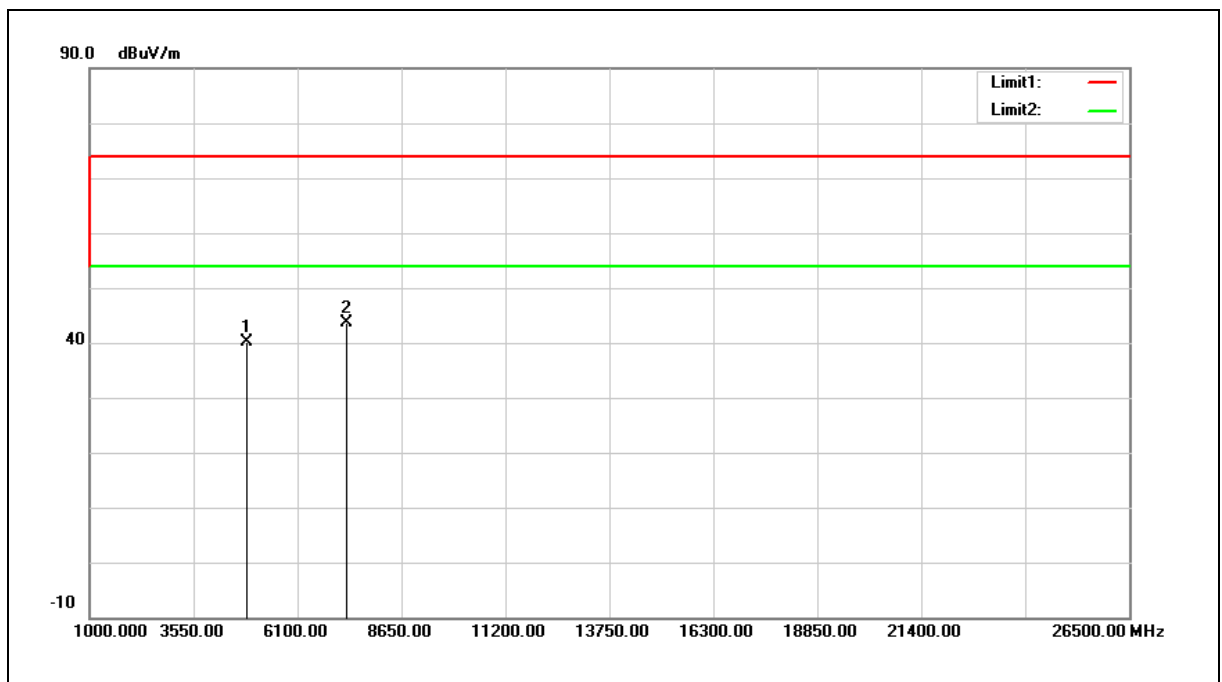
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	41.05	-1.12	39.93	74.00	-34.07	peak
2	7311.000	37.62	6.11	43.73	74.00	-30.27	peak

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

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

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

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



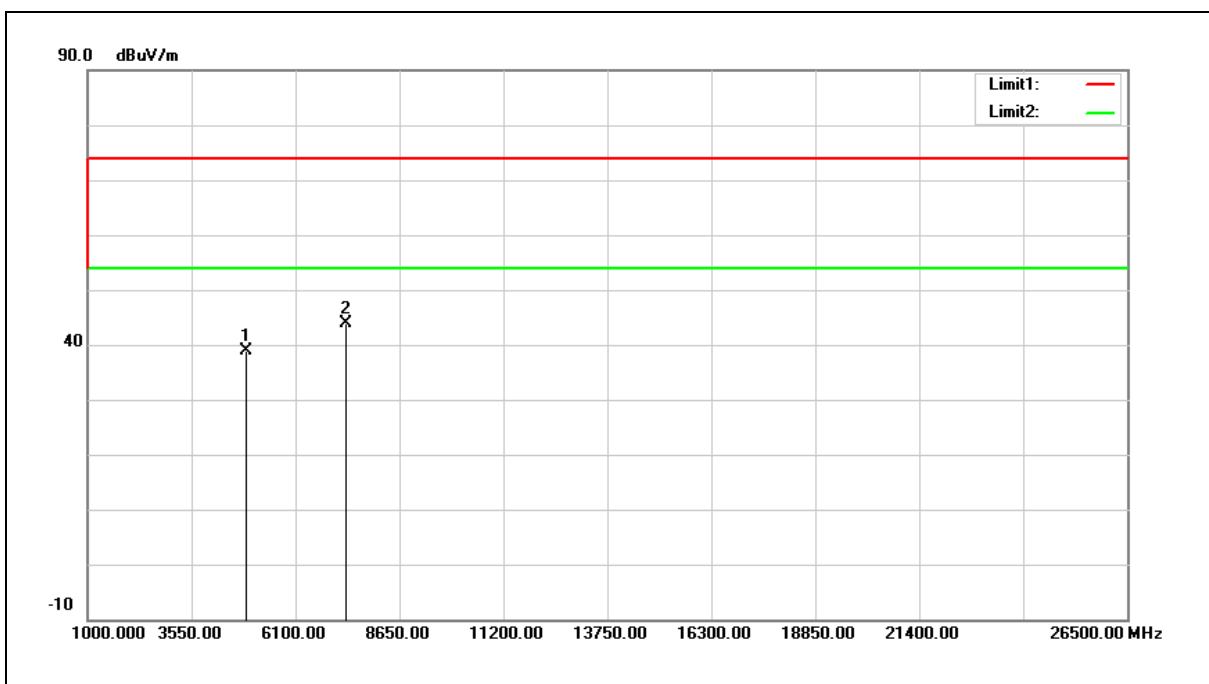
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	41.27	-1.12	40.15	74.00	-33.85	peak
2	7311.000	37.42	6.11	43.53	74.00	-30.47	peak

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

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

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

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



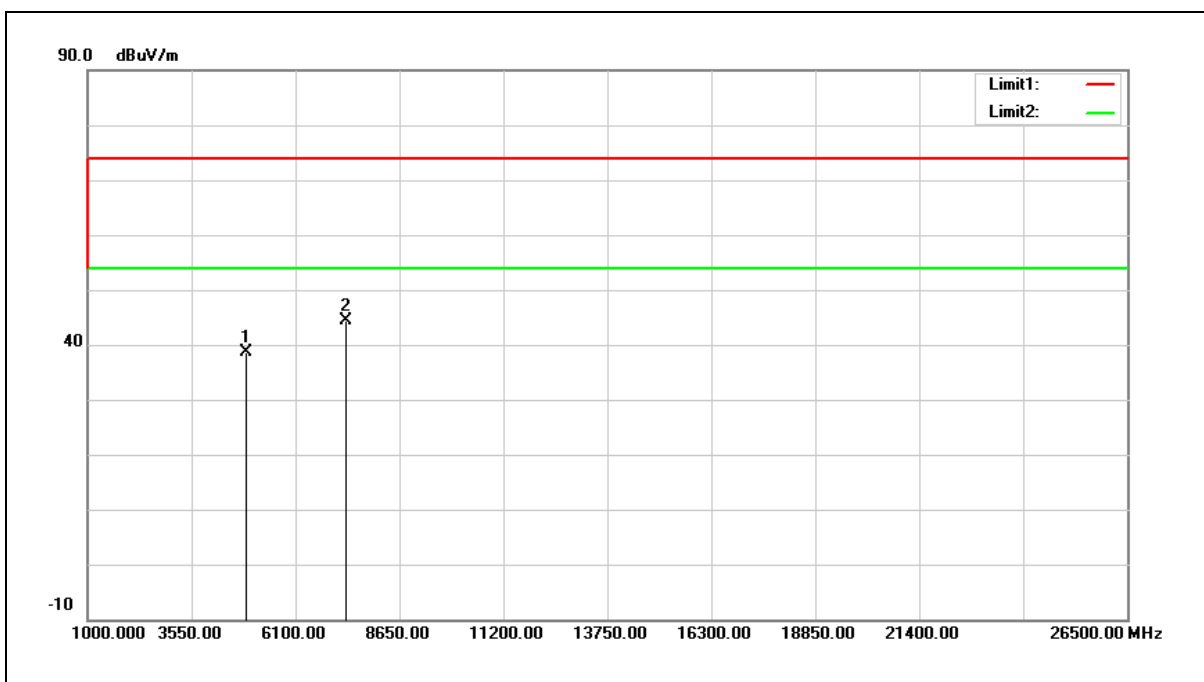
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	39.99	-1.04	38.95	74.00	-35.05	peak
2	7356.000	37.55	6.27	43.82	74.00	-30.18	peak

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

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

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

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



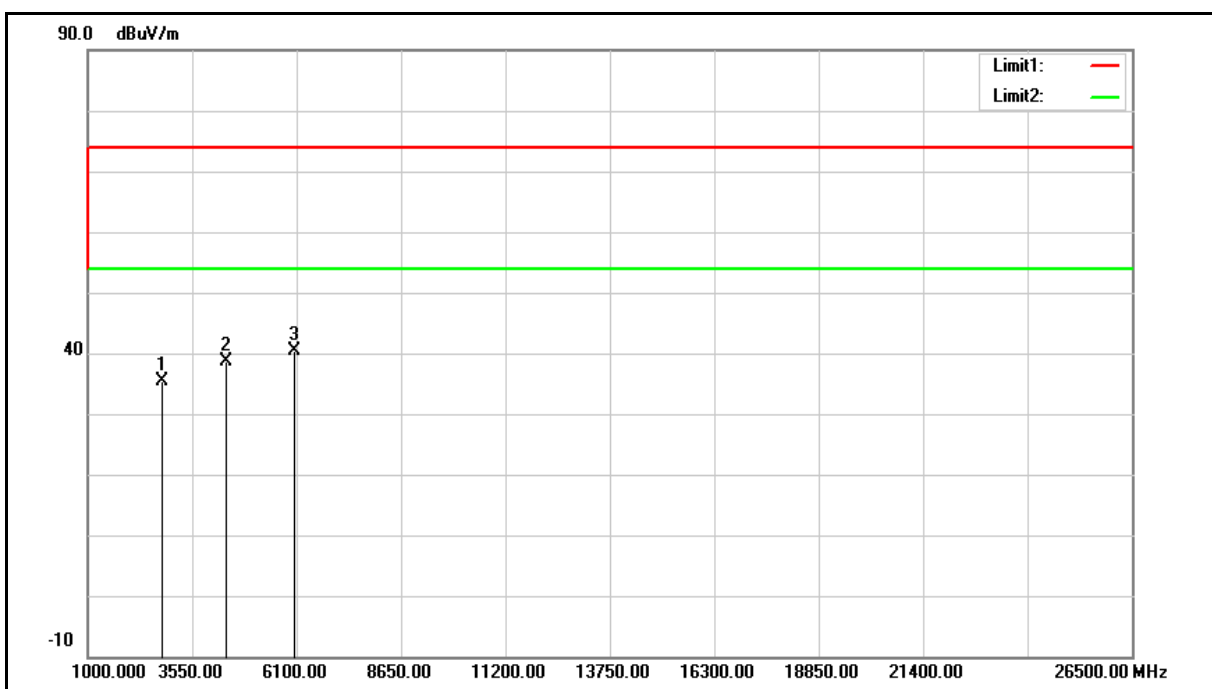
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	39.63	-1.04	38.59	74.00	-35.41	peak
2	7356.000	38.17	6.27	44.44	74.00	-29.56	peak

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

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

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

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



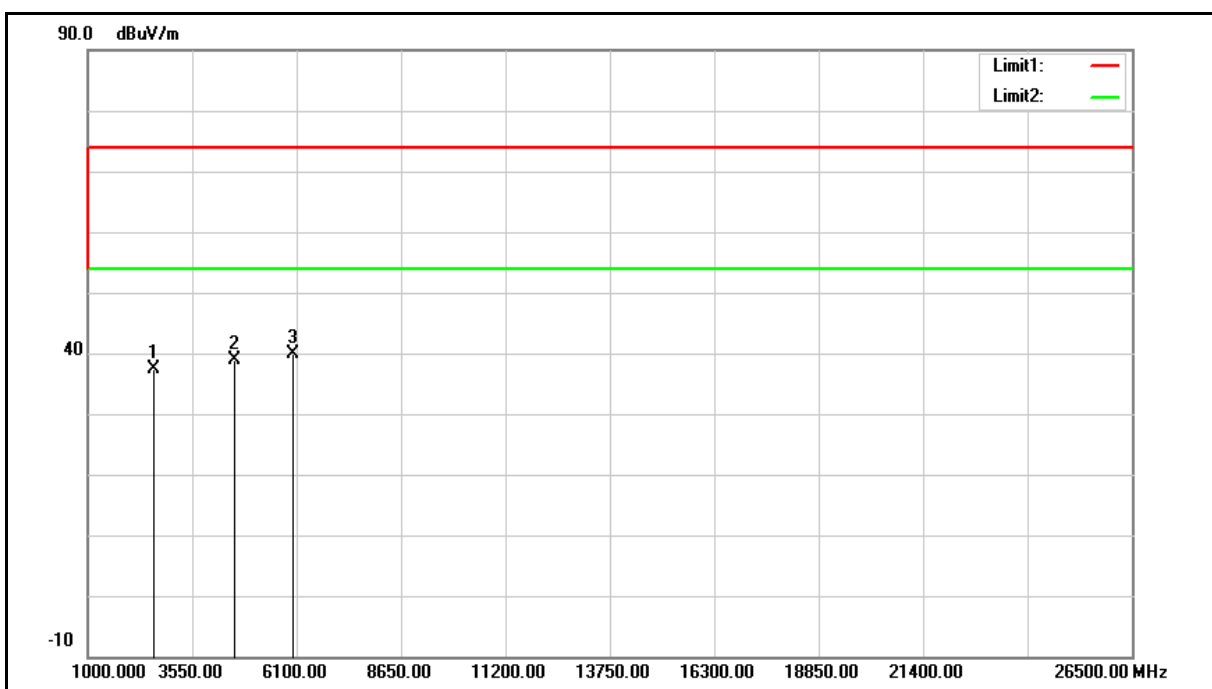
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	41.41	-6.04	35.37	74.00	-38.63	peak
2	4383.000	41.16	-2.46	38.70	74.00	-35.30	peak
3	6049.000	38.59	1.74	40.33	74.00	-33.67	peak

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

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

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

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



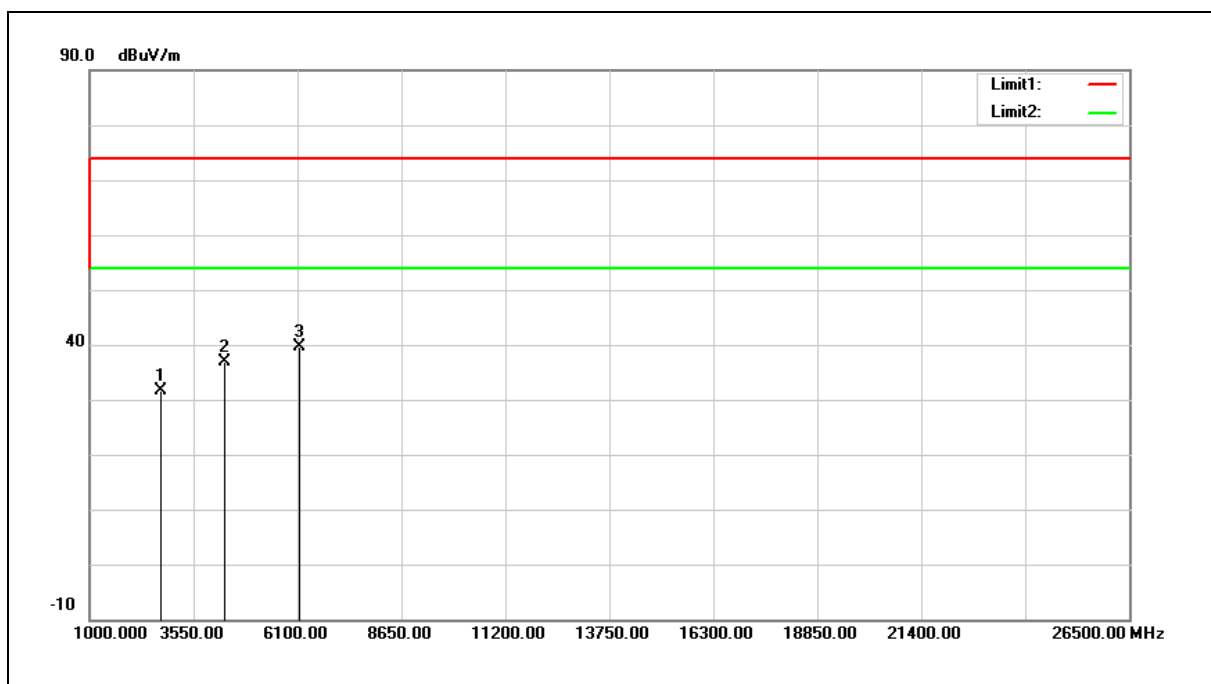
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2598.000	44.36	-6.88	37.48	74.00	-36.52	peak
2	4570.000	40.91	-1.95	38.96	74.00	-35.04	peak
3	6015.000	38.19	1.63	39.82	74.00	-34.18	peak

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

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

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

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



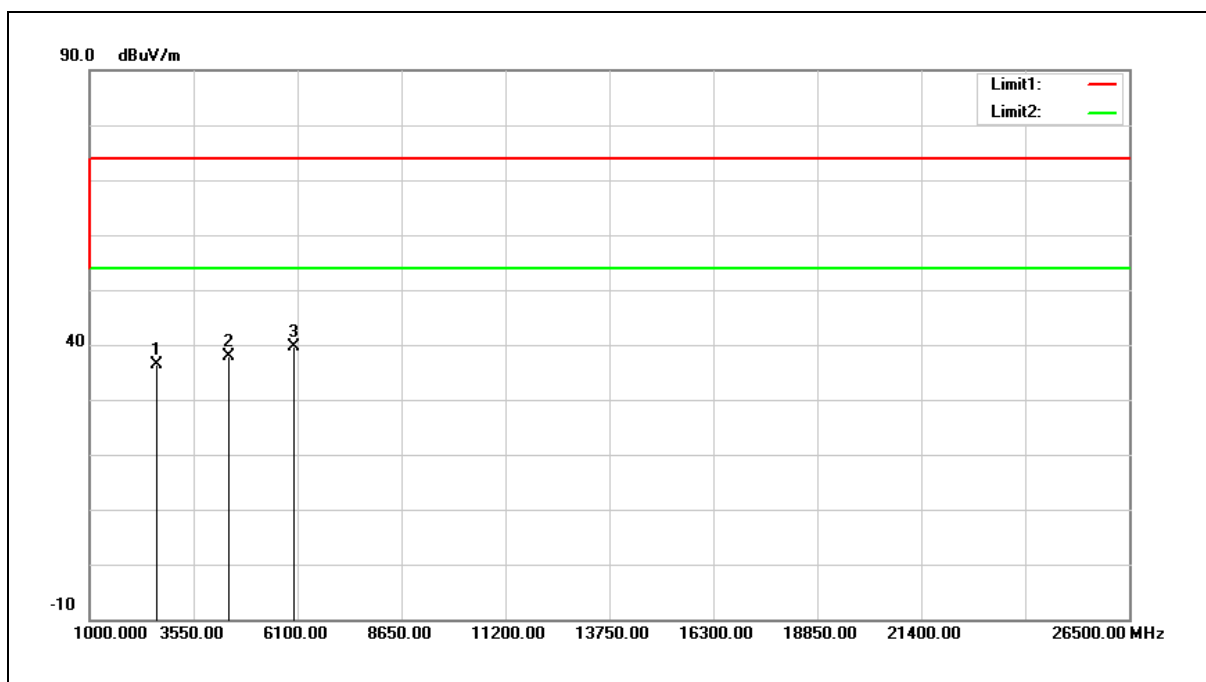
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2734.000	37.94	-6.31	31.63	74.00	-42.37	peak
2	4298.000	39.49	-2.69	36.80	74.00	-37.20	peak
3	6151.000	37.57	2.10	39.67	74.00	-34.33	peak

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

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2649.000	42.99	-6.66	36.33	74.00	-37.67	peak
2	4417.000	40.22	-2.36	37.86	74.00	-36.14	peak
3	5998.000	37.94	1.57	39.51	74.00	-34.49	peak

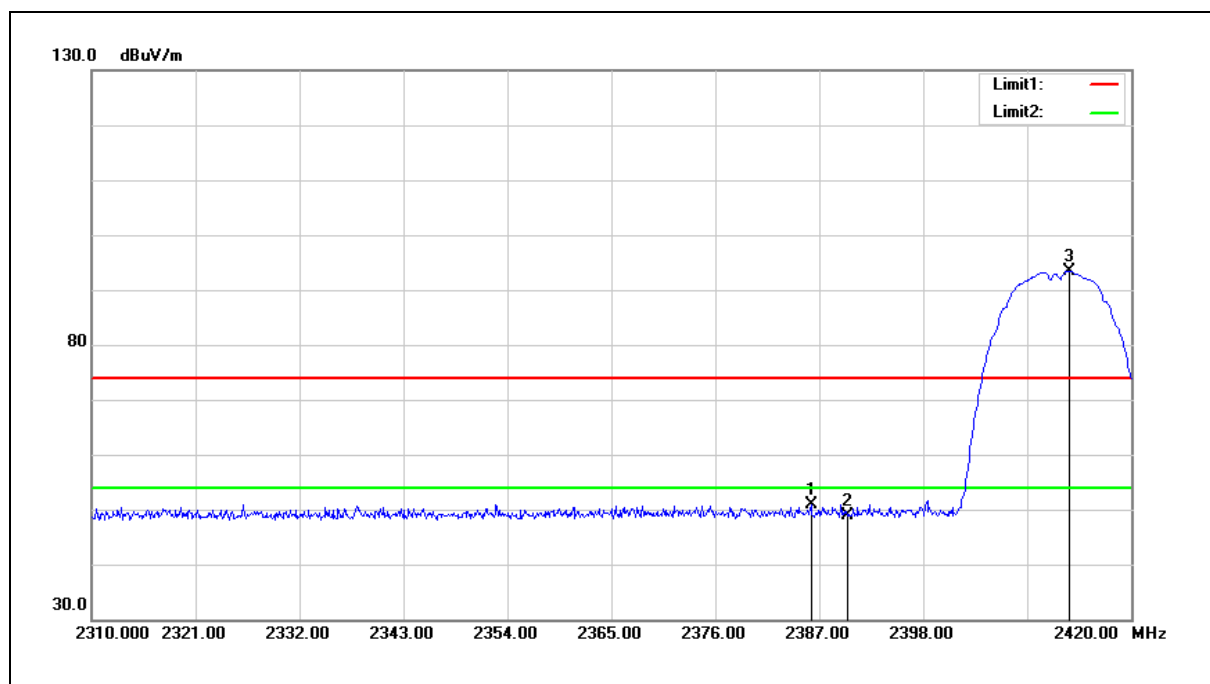
Note: 1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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



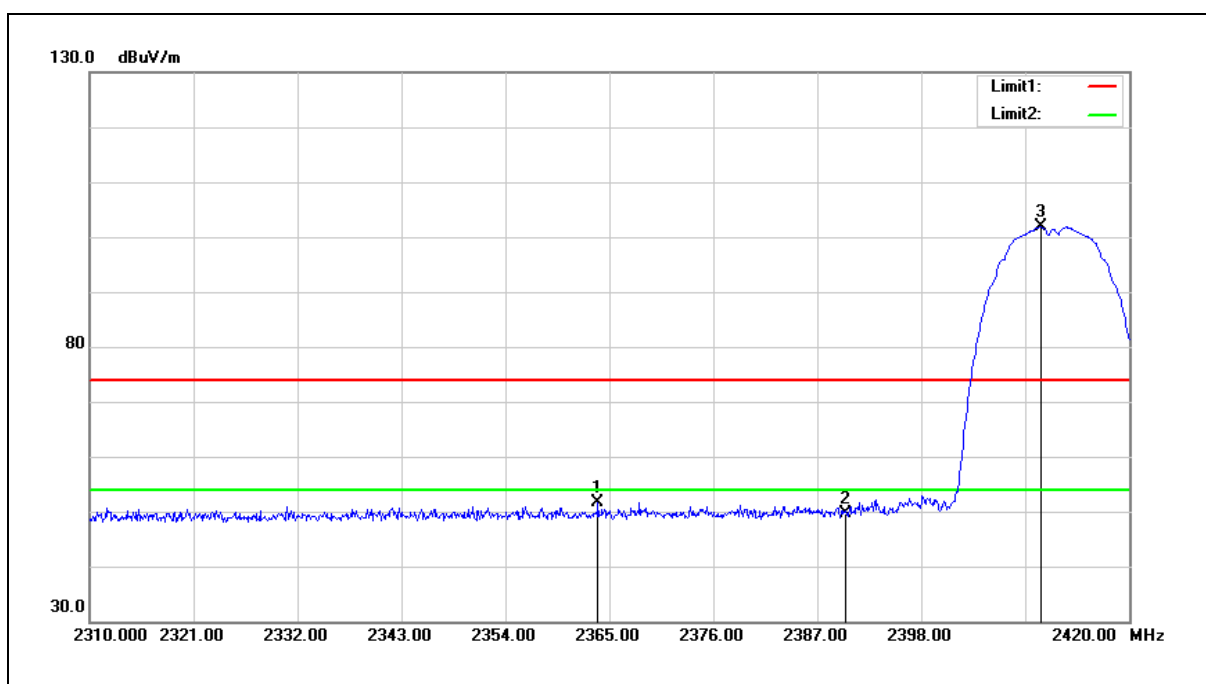
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.120	58.68	-7.73	50.95	74.00	-23.05	peak
2	2390.000	56.52	-7.72	48.80	74.00	-25.20	peak
3	2413.510	100.99	-7.62	93.37	--	--	peak

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

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

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

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



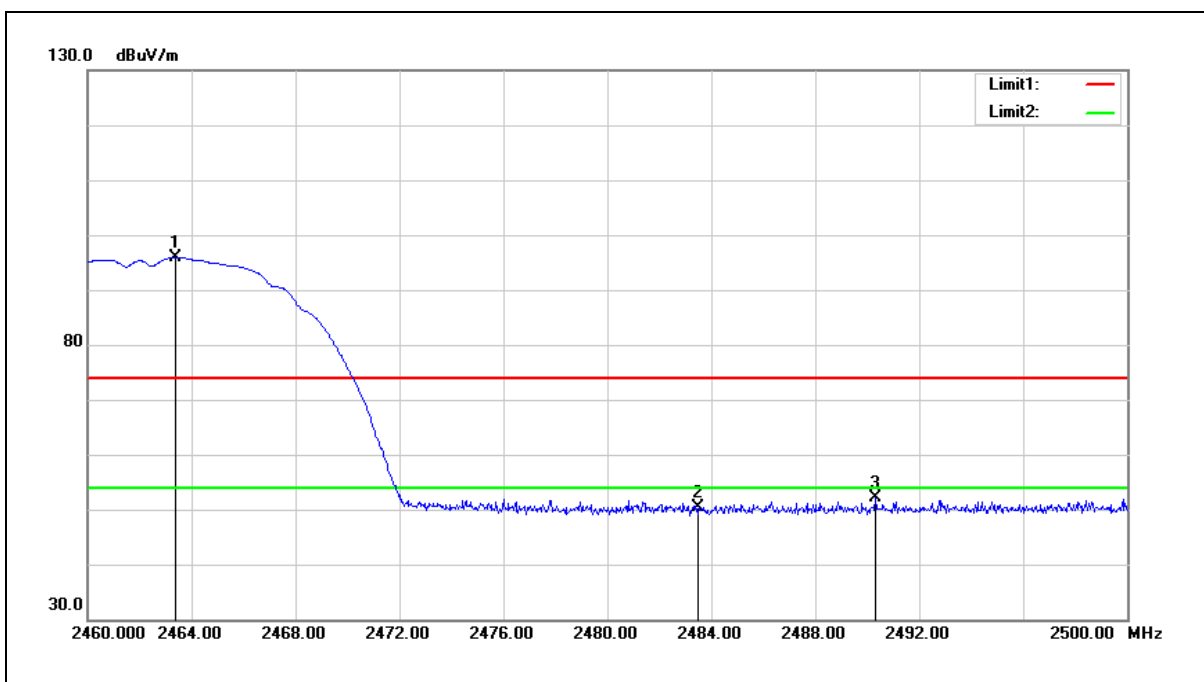
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2363.790	59.49	-7.83	51.66	74.00	-22.34	peak
2	2390.000	57.39	-7.72	49.67	74.00	-24.33	peak
3	2410.650	109.40	-7.64	101.76	--	--	peak

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

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

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

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



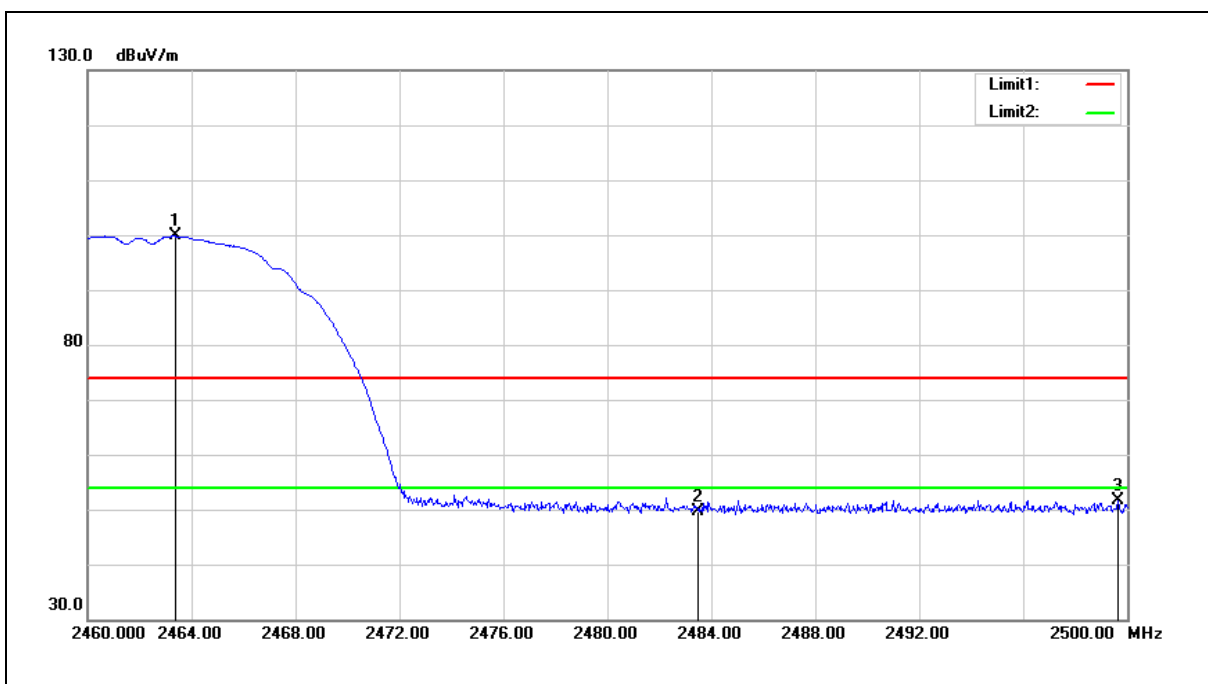
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.360	103.26	-7.42	95.84	--	--	peak
2	2483.500	57.74	-7.34	50.40	74.00	-23.60	peak
3	2490.320	59.52	-7.31	52.00	74.00	-22.00	peak

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

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

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

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



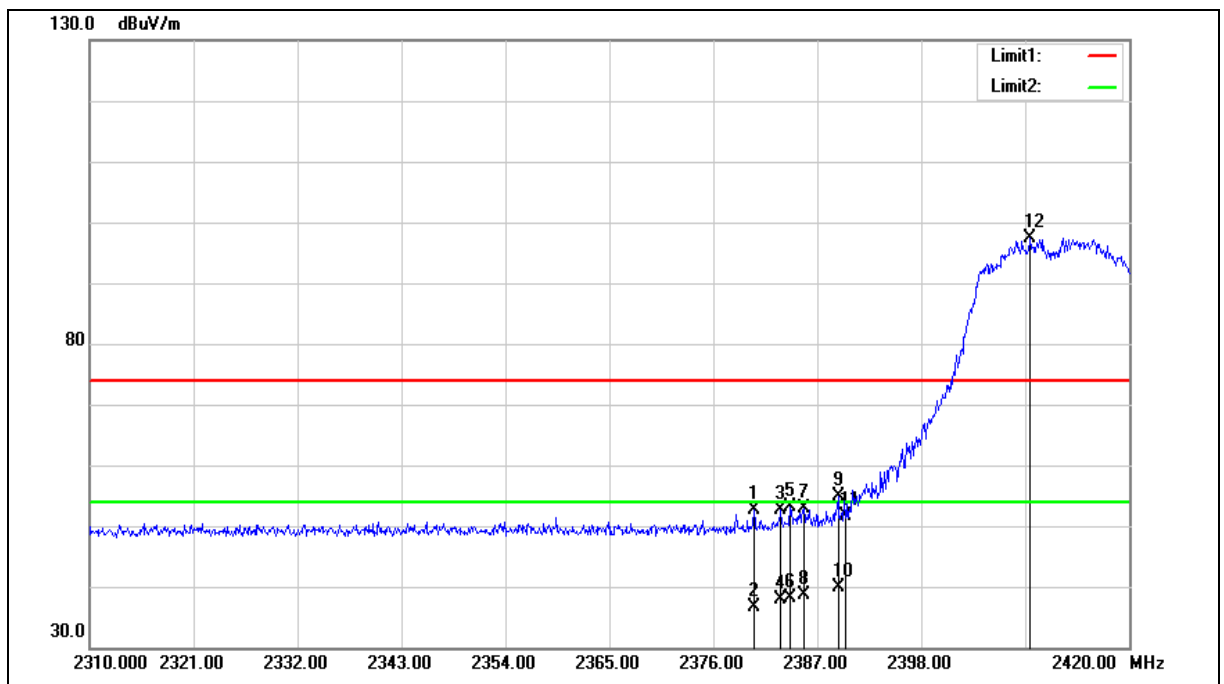
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.360	107.20	-7.42	99.78	--	--	peak
2	2483.500	57.00	-7.34	49.66	74.00	-24.34	peak
3	2499.640	59.01	-7.27	51.74	74.00	-22.26	peak

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

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

3. 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		

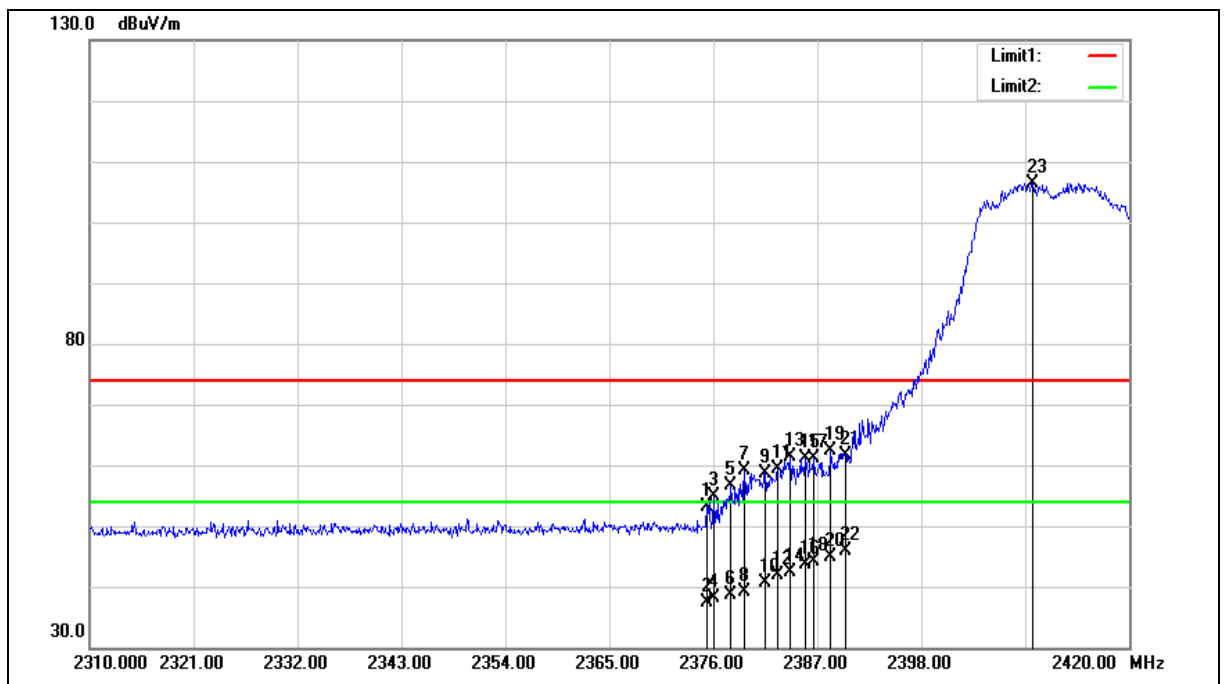
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2380.290	60.38	-7.76	52.62	74.00	-21.38	peak
2	2380.290	44.47	-7.76	36.71	54.00	-17.29	AVG
3	2383.150	60.48	-7.75	52.73	74.00	-21.27	peak
4	2383.150	45.58	-7.75	37.83	54.00	-16.17	AVG
5	2384.140	60.85	-7.75	53.10	74.00	-20.90	peak
6	2384.140	45.90	-7.75	38.15	54.00	-15.85	AVG
7	2385.570	60.54	-7.73	52.81	74.00	-21.19	peak
8	2385.570	46.34	-7.73	38.61	54.00	-15.39	AVG
9	2389.200	62.59	-7.72	54.87	74.00	-19.13	peak
10	2389.200	47.58	-7.72	39.86	54.00	-14.14	AVG
11	2390.000	59.47	-7.72	51.75	74.00	-22.25	peak
12	2409.550	105.11	-7.64	97.47	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
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		

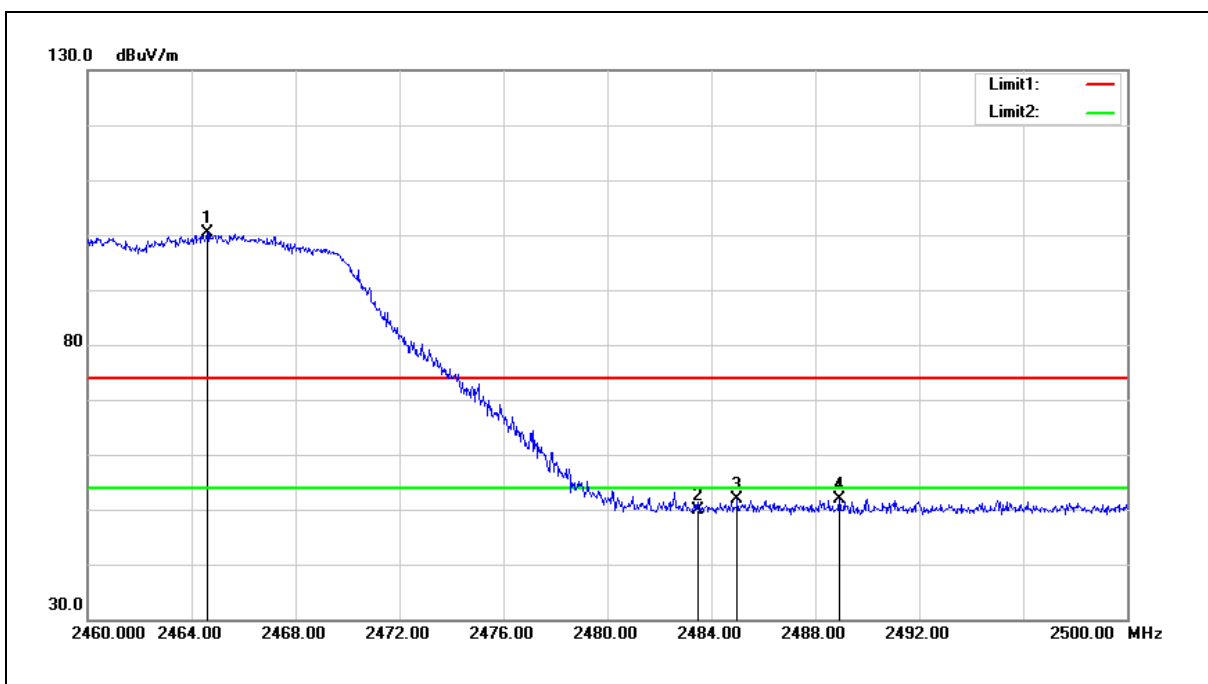
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2375.340	61.02	-7.77	53.25	74.00	-20.75	peak
2	2375.340	45.13	-7.77	37.36	54.00	-16.64	AVG
3	2376.000	62.59	-7.77	54.82	74.00	-19.18	peak
4	2376.000	45.94	-7.77	38.17	54.00	-15.83	AVG
5	2377.870	64.44	-7.77	56.67	74.00	-17.33	peak
6	2377.870	46.46	-7.77	38.69	54.00	-15.31	AVG
7	2379.300	66.92	-7.76	59.16	74.00	-14.84	peak
8	2379.300	46.89	-7.76	39.13	54.00	-14.87	AVG
9	2381.500	66.42	-7.76	58.66	74.00	-15.34	peak
10	2381.500	48.39	-7.76	40.63	54.00	-13.37	AVG
11	2382.820	67.04	-7.75	59.29	74.00	-14.71	peak
12	2382.820	49.52	-7.75	41.77	54.00	-12.23	AVG
13	2384.140	69.23	-7.75	61.48	74.00	-12.52	peak
14	2384.140	50.02	-7.75	42.27	54.00	-11.73	AVG
15	2385.680	68.92	-7.73	61.19	74.00	-12.81	peak
16	2385.680	51.25	-7.73	43.52	54.00	-10.48	AVG
17	2386.560	68.76	-7.73	61.03	74.00	-12.97	peak
18	2386.560	51.76	-7.73	44.03	54.00	-9.97	AVG
19	2388.430	70.18	-7.72	62.46	74.00	-11.54	peak
20	2388.430	52.53	-7.72	44.81	54.00	-9.19	AVG
21	2390.000	69.32	-7.72	61.60	74.00	-12.40	peak
22	2390.000	53.65	-7.72	45.93	54.00	-8.07	AVG
23	2409.770	114.12	-7.64	106.48	--	--	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 3		
Ant.Polar.:	Horizontal		



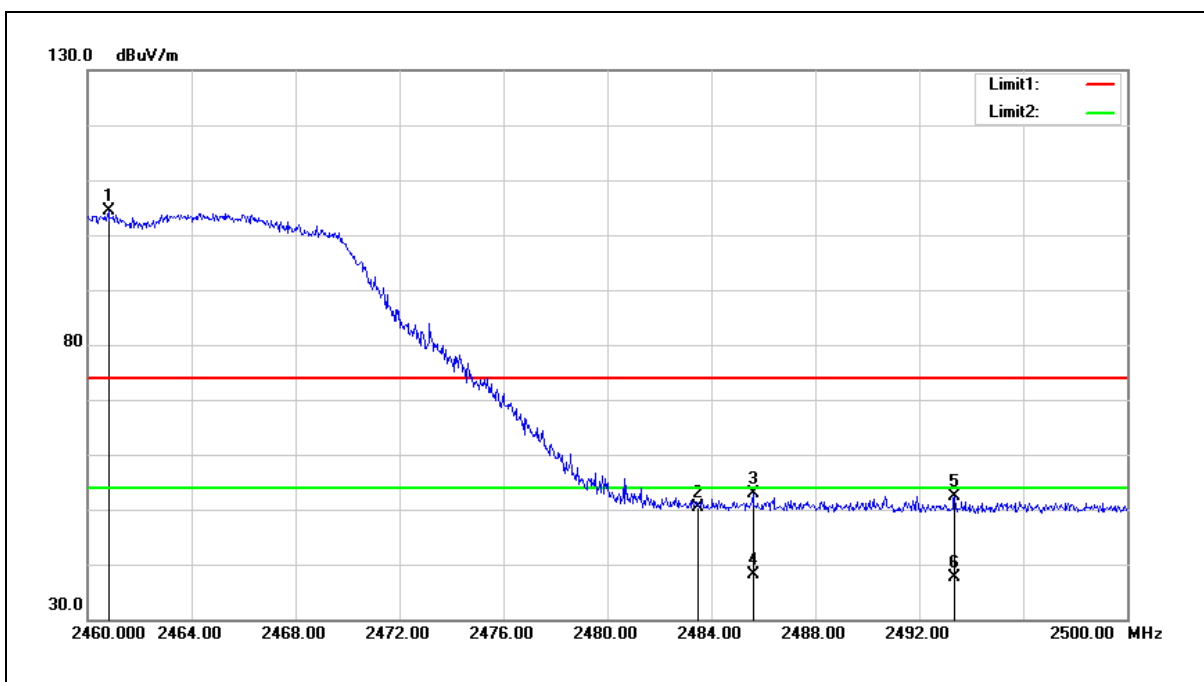
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.600	107.73	-7.42	100.31	--	--	peak
2	2483.500	57.24	-7.34	49.90	74.00	-24.10	peak
3	2485.000	59.30	-7.34	51.96	74.00	-22.04	peak
4	2488.920	59.26	-7.31	51.95	74.00	-22.05	peak

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

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

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

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



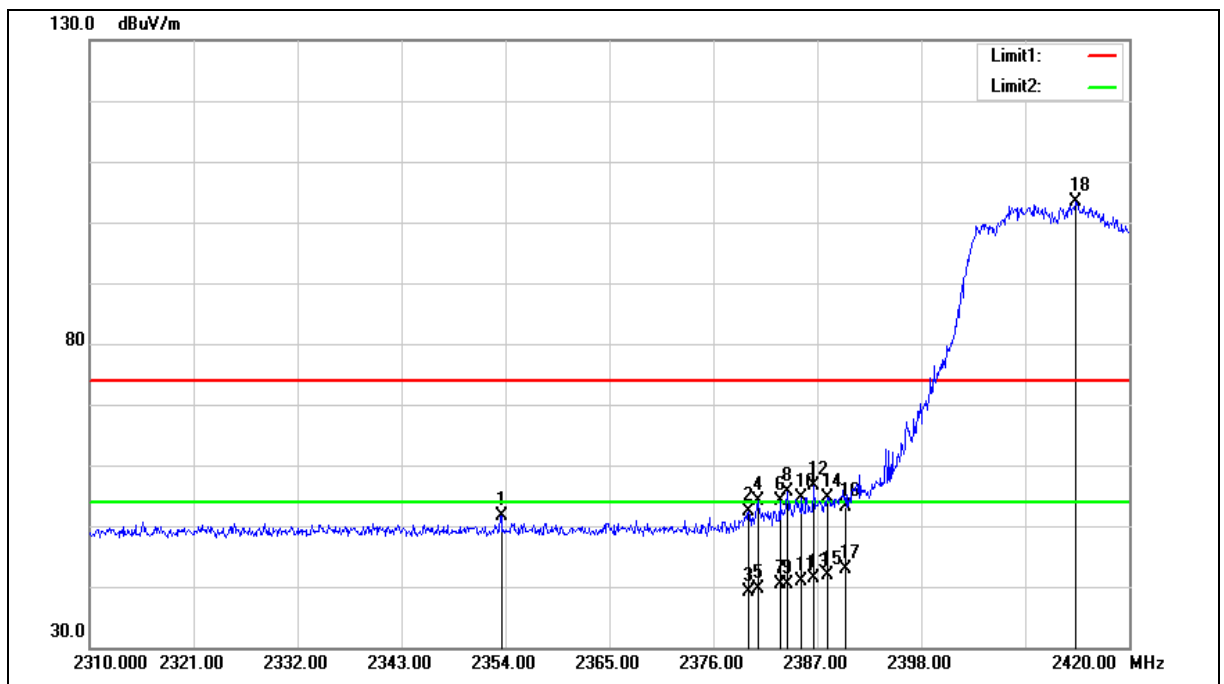
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.800	111.81	-7.43	104.38	--	--	peak
2	2483.500	57.73	-7.34	50.39	74.00	-23.61	peak
3	2485.600	60.15	-7.32	52.83	74.00	-21.17	peak
4	2485.600	45.55	-7.32	38.23	54.00	-15.77	AVG
5	2493.360	59.72	-7.29	52.43	74.00	-21.57	peak
6	2493.360	44.98	-7.29	37.69	54.00	-16.31	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
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		

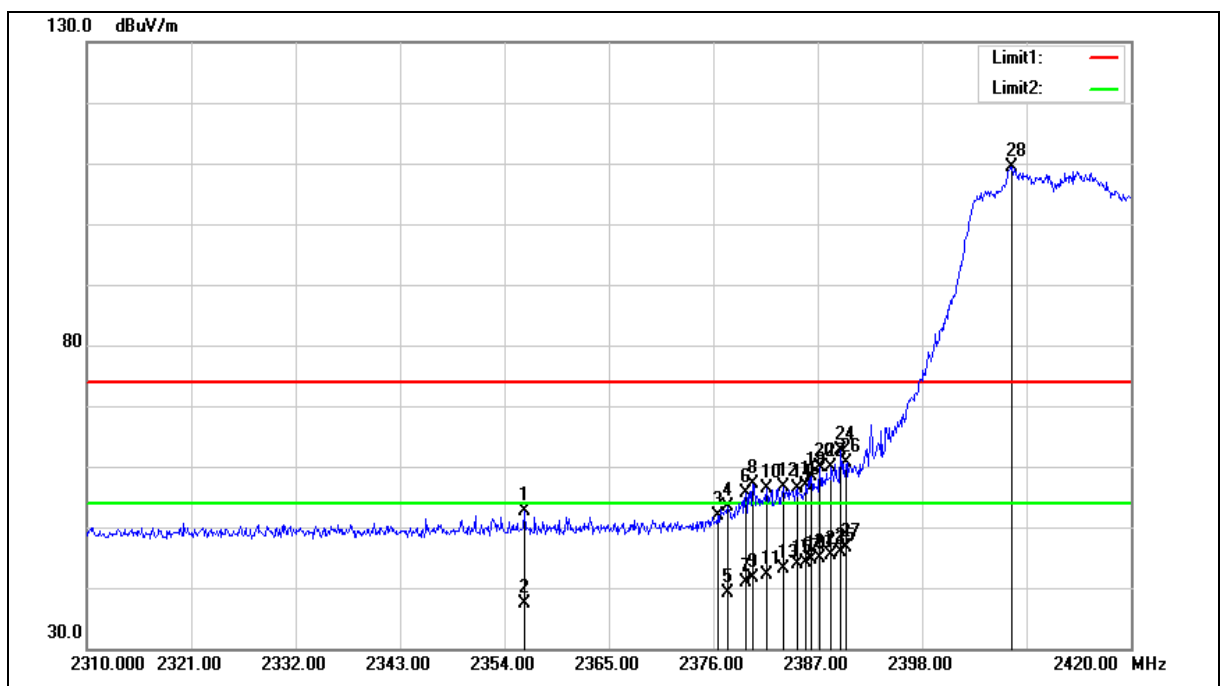
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2353.560	59.58	-7.87	51.71	74.00	-22.29	peak
2	2379.740	60.25	-7.76	52.49	74.00	-21.51	peak
3	2379.740	46.83	-7.76	39.07	54.00	-14.93	AVG
4	2380.730	61.91	-7.76	54.15	74.00	-19.85	peak
5	2380.730	47.31	-7.76	39.55	54.00	-14.45	AVG
6	2383.040	61.79	-7.75	54.04	74.00	-19.96	peak
7	2383.040	48.04	-7.75	40.29	54.00	-13.71	AVG
8	2383.810	63.33	-7.75	55.58	74.00	-18.42	peak
9	2383.810	48.14	-7.75	40.39	54.00	-13.61	AVG
10	2385.350	62.34	-7.73	54.61	74.00	-19.39	peak
11	2385.350	48.55	-7.73	40.82	54.00	-13.18	AVG
12	2386.670	64.34	-7.73	56.61	74.00	-17.39	peak
13	2386.670	49.17	-7.73	41.44	54.00	-12.56	AVG
14	2388.100	62.47	-7.73	54.74	74.00	-19.26	peak
15	2388.100	49.62	-7.73	41.89	54.00	-12.11	AVG
16	2390.000	60.81	-7.72	53.09	74.00	-20.91	peak
17	2390.000	50.56	-7.72	42.84	54.00	-11.16	AVG
18	2414.280	110.97	-7.62	103.35	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	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	2356.090	60.47	-7.86	52.61	74.00	-21.39	peak
2	2356.090	45.23	-7.86	37.37	54.00	-16.63	AVG
3	2376.440	59.55	-7.77	51.78	74.00	-22.22	peak
4	2377.540	61.04	-7.77	53.27	74.00	-20.73	peak
5	2377.540	46.84	-7.77	39.07	54.00	-14.93	AVG
6	2379.410	63.43	-7.76	55.67	74.00	-18.33	peak
7	2379.410	48.73	-7.76	40.97	54.00	-13.03	AVG
8	2380.180	64.97	-7.76	57.21	74.00	-16.79	peak
9	2380.180	49.45	-7.76	41.69	54.00	-12.31	AVG

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

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

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

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

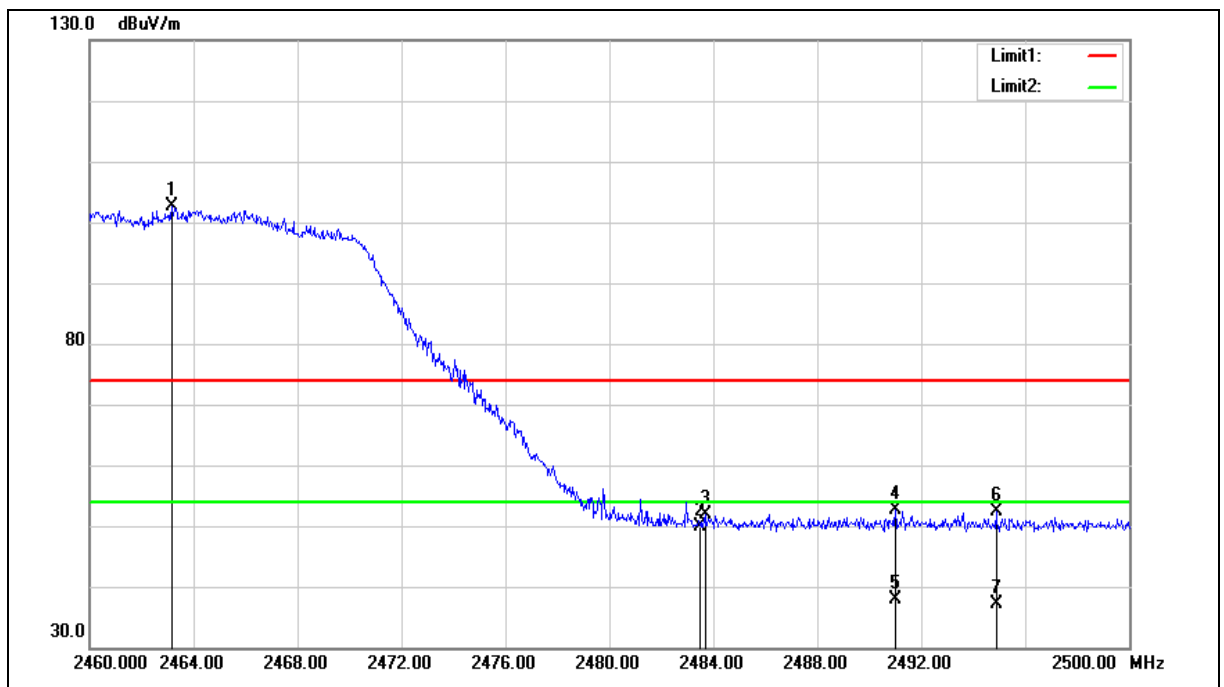
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	2381.610	64.14	-7.76	56.38	74.00	-17.62	peak
11	2381.610	49.94	-7.76	42.18	54.00	-11.82	AVG
12	2383.370	64.30	-7.75	56.55	74.00	-17.45	peak
13	2383.370	50.82	-7.75	43.07	54.00	-10.93	AVG
14	2384.800	64.09	-7.75	56.34	74.00	-17.66	peak
15	2384.800	51.67	-7.75	43.92	54.00	-10.08	AVG
16	2385.790	64.57	-7.73	56.84	74.00	-17.16	peak
17	2385.790	51.91	-7.73	44.18	54.00	-9.82	AVG
18	2386.340	66.05	-7.73	58.32	74.00	-15.68	peak
19	2386.340	52.36	-7.73	44.63	54.00	-9.37	AVG
20	2387.220	67.51	-7.73	59.78	74.00	-14.22	peak
21	2387.220	52.69	-7.73	44.96	54.00	-9.04	AVG
22	2388.430	67.53	-7.72	59.81	74.00	-14.19	peak
23	2388.430	53.02	-7.72	45.30	54.00	-8.70	AVG
24	2389.420	70.31	-7.72	62.59	74.00	-11.41	peak
25	2389.420	53.51	-7.72	45.79	54.00	-8.21	AVG
26	2390.000	68.41	-7.72	60.69	74.00	-13.31	peak
27	2390.000	54.37	-7.72	46.65	54.00	-7.35	AVG
28	2407.460	117.05	-7.65	109.40	--	--	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:	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		

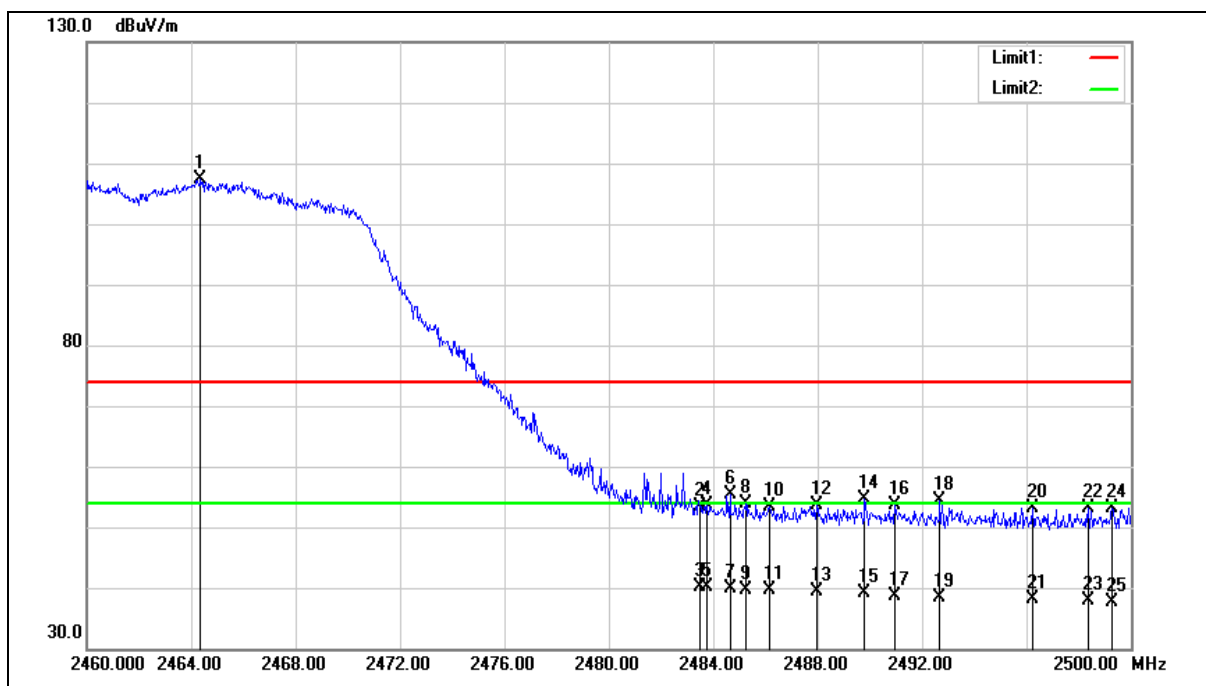
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.160	110.06	-7.42	102.64	--	--	peak
2	2483.500	57.21	-7.34	49.87	74.00	-24.13	peak
3	2483.680	59.21	-7.34	51.87	74.00	-22.13	peak
4	2491.000	59.85	-7.31	52.54	74.00	-21.46	peak
5	2491.000	45.24	-7.31	37.93	54.00	-16.07	AVG
6	2494.880	59.55	-7.29	52.26	74.00	-21.74	peak
7	2494.880	44.51	-7.29	37.22	54.00	-16.78	AVG

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

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.360	114.79	-7.42	107.37	--	--	peak
2	2483.500	60.83	-7.34	53.49	74.00	-20.51	peak
3	2483.500	47.54	-7.34	40.20	54.00	-13.80	AVG
4	2483.760	61.03	-7.34	53.69	74.00	-20.31	peak
5	2483.760	47.42	-7.34	40.08	54.00	-13.92	AVG
6	2484.640	62.72	-7.34	55.38	74.00	-18.62	peak
7	2484.640	47.19	-7.34	39.85	54.00	-14.15	AVG
8	2485.240	61.12	-7.33	53.79	74.00	-20.21	peak
9	2485.240	46.98	-7.33	39.65	54.00	-14.35	AVG

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

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

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

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

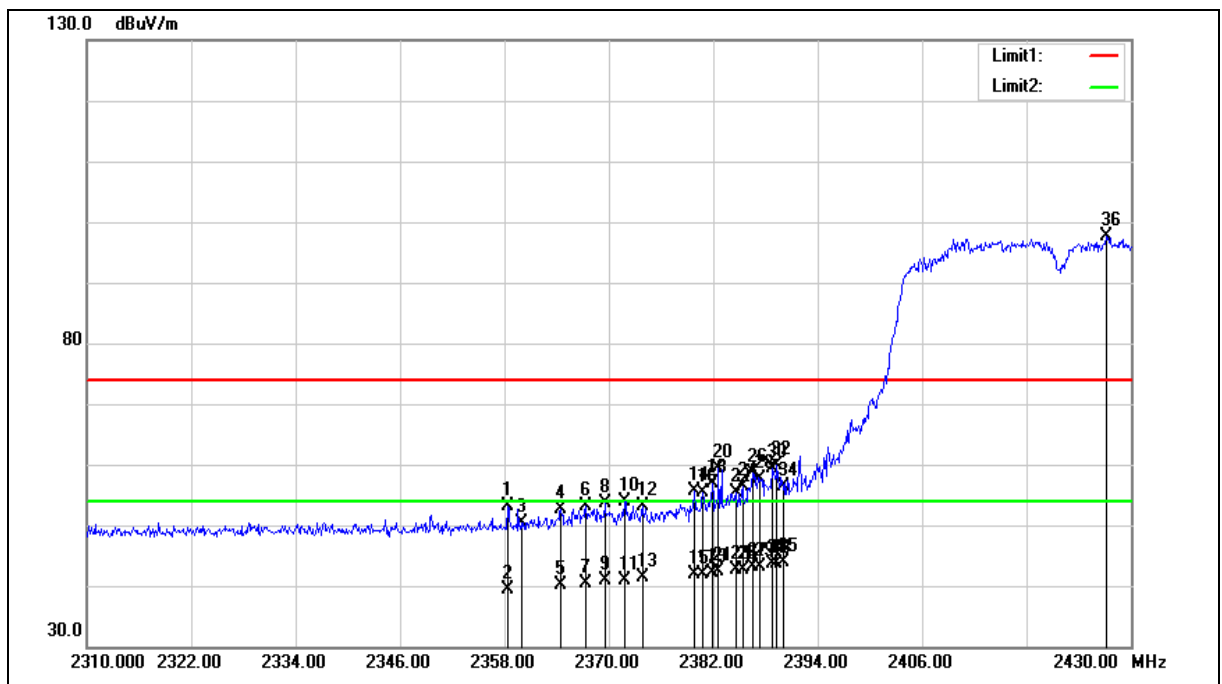
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	2486.160	60.58	-7.32	53.26	74.00	-20.74	peak
11	2486.160	46.88	-7.32	39.56	54.00	-14.44	AVG
12	2487.960	60.98	-7.32	53.66	74.00	-20.34	peak
13	2487.960	46.75	-7.32	39.43	54.00	-14.57	AVG
14	2489.800	61.98	-7.31	54.67	74.00	-19.33	peak
15	2489.800	46.42	-7.31	39.11	54.00	-14.89	AVG
16	2490.960	60.87	-7.31	53.56	74.00	-20.44	peak
17	2490.960	46.02	-7.31	38.71	54.00	-15.29	AVG
18	2492.680	61.78	-7.30	54.48	74.00	-19.52	peak
19	2492.680	45.66	-7.30	38.36	54.00	-15.64	AVG
20	2496.240	60.42	-7.28	53.14	74.00	-20.86	peak
21	2496.240	45.29	-7.28	38.01	54.00	-15.99	AVG
22	2498.360	60.32	-7.27	53.05	74.00	-20.95	peak
23	2498.360	45.11	-7.27	37.84	54.00	-16.16	AVG
24	2499.280	60.36	-7.27	53.09	74.00	-20.91	peak
25	2499.280	44.96	-7.27	37.69	54.00	-16.31	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
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	2358.360	61.01	-7.84	53.17	74.00	-20.83	peak
2	2358.360	47.32	-7.84	39.48	54.00	-14.52	AVG
3	2359.920	58.29	-7.84	50.45	74.00	-23.55	peak
4	2364.480	60.36	-7.83	52.53	74.00	-21.47	peak
5	2364.480	47.98	-7.83	40.15	54.00	-13.85	AVG
6	2367.360	60.91	-7.82	53.09	74.00	-20.91	peak
7	2367.360	48.27	-7.82	40.45	54.00	-13.55	AVG
8	2369.520	61.41	-7.80	53.61	74.00	-20.39	peak
9	2369.520	48.64	-7.80	40.84	54.00	-13.16	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		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	2371.800	61.72	-7.78	53.94	74.00	-20.06	peak
11	2371.800	48.68	-7.78	40.90	54.00	-13.10	AVG
12	2373.840	60.99	-7.78	53.21	74.00	-20.79	peak
13	2373.840	49.20	-7.78	41.42	54.00	-12.58	AVG
14	2379.840	63.37	-7.76	55.61	74.00	-18.39	peak
15	2379.840	49.58	-7.76	41.82	54.00	-12.18	AVG
16	2380.800	63.26	-7.76	55.50	74.00	-18.50	peak
17	2380.800	49.76	-7.76	42.00	54.00	-12.00	AVG
18	2381.880	64.65	-7.75	56.90	74.00	-17.10	peak
19	2381.880	49.79	-7.75	42.04	54.00	-11.96	AVG
20	2382.600	67.06	-7.75	59.31	74.00	-14.69	peak
21	2382.600	50.06	-7.75	42.31	54.00	-11.69	AVG
22	2384.640	63.20	-7.75	55.45	74.00	-18.55	peak
23	2384.640	50.46	-7.75	42.71	54.00	-11.29	AVG
24	2385.360	64.02	-7.73	56.29	74.00	-17.71	peak
25	2385.360	50.44	-7.73	42.71	54.00	-11.29	AVG
26	2386.560	66.47	-7.73	58.74	74.00	-15.26	peak
27	2386.560	50.76	-7.73	43.03	54.00	-10.97	AVG
28	2387.400	65.36	-7.73	57.63	74.00	-16.37	peak
29	2387.400	50.91	-7.73	43.18	54.00	-10.82	AVG
30	2388.720	67.06	-7.72	59.34	74.00	-14.66	peak
31	2388.720	51.28	-7.72	43.56	54.00	-10.44	AVG
32	2389.320	67.69	-7.72	59.97	74.00	-14.03	peak
33	2389.320	51.34	-7.72	43.62	54.00	-10.38	AVG

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

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

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

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

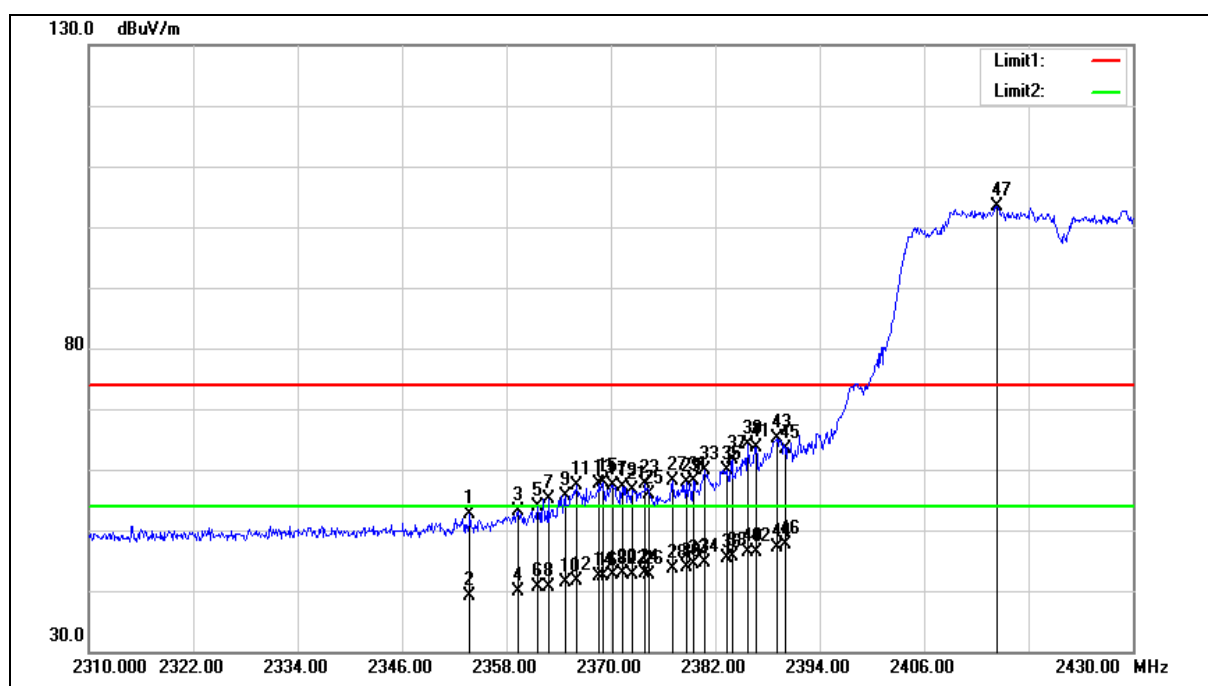
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
34	2390.000	64.18	-7.72	56.46	74.00	-17.54	peak
35	2390.000	51.55	-7.72	43.83	54.00	-10.17	AVG
36	2427.240	105.21	-7.56	97.65	--	--	peak

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:	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	2353.800	60.54	-7.87	52.67	74.00	-21.33	peak
2	2353.800	47.00	-7.87	39.13	54.00	-14.87	AVG
3	2359.320	60.96	-7.84	53.12	74.00	-20.88	peak
4	2359.320	47.80	-7.84	39.96	54.00	-14.04	AVG
5	2361.600	61.68	-7.84	53.84	74.00	-20.16	peak
6	2361.600	48.50	-7.84	40.66	54.00	-13.34	AVG
7	2362.800	62.93	-7.83	55.10	74.00	-18.90	peak
8	2362.800	48.56	-7.83	40.73	54.00	-13.27	AVG
9	2364.720	63.51	-7.83	55.68	74.00	-18.32	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	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
10	2364.720	49.25	-7.83	41.42	54.00	-12.58	AVG
11	2366.040	65.21	-7.82	57.39	74.00	-16.61	peak
12	2366.040	49.40	-7.82	41.58	54.00	-12.42	AVG
13	2368.680	65.31	-7.80	57.51	74.00	-16.49	peak
14	2368.680	50.27	-7.80	42.47	54.00	-11.53	AVG
15	2369.160	65.79	-7.80	57.99	74.00	-16.01	peak
16	2369.160	50.26	-7.80	42.46	54.00	-11.54	AVG
17	2370.240	65.25	-7.80	57.45	74.00	-16.55	peak
18	2370.240	50.38	-7.80	42.58	54.00	-11.42	AVG
19	2371.320	64.92	-7.80	57.12	74.00	-16.88	peak
20	2371.320	50.56	-7.80	42.76	54.00	-11.24	AVG
21	2372.400	64.38	-7.78	56.60	74.00	-17.40	peak
22	2372.400	50.53	-7.78	42.75	54.00	-11.25	AVG
23	2373.960	65.43	-7.78	57.65	74.00	-16.35	peak
24	2373.960	50.55	-7.78	42.77	54.00	-11.23	AVG
25	2374.440	63.68	-7.78	55.90	74.00	-18.10	peak
26	2374.440	50.50	-7.78	42.72	54.00	-11.28	AVG
27	2377.080	65.82	-7.77	58.05	74.00	-15.95	peak
28	2377.080	51.38	-7.77	43.61	54.00	-10.39	AVG
29	2378.640	65.63	-7.76	57.87	74.00	-16.13	peak
30	2378.640	51.72	-7.76	43.96	54.00	-10.04	AVG
31	2379.480	65.97	-7.76	58.21	74.00	-15.79	peak
32	2379.480	52.14	-7.76	44.38	54.00	-9.62	AVG
33	2380.800	67.65	-7.76	59.89	74.00	-14.11	peak

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

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

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

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

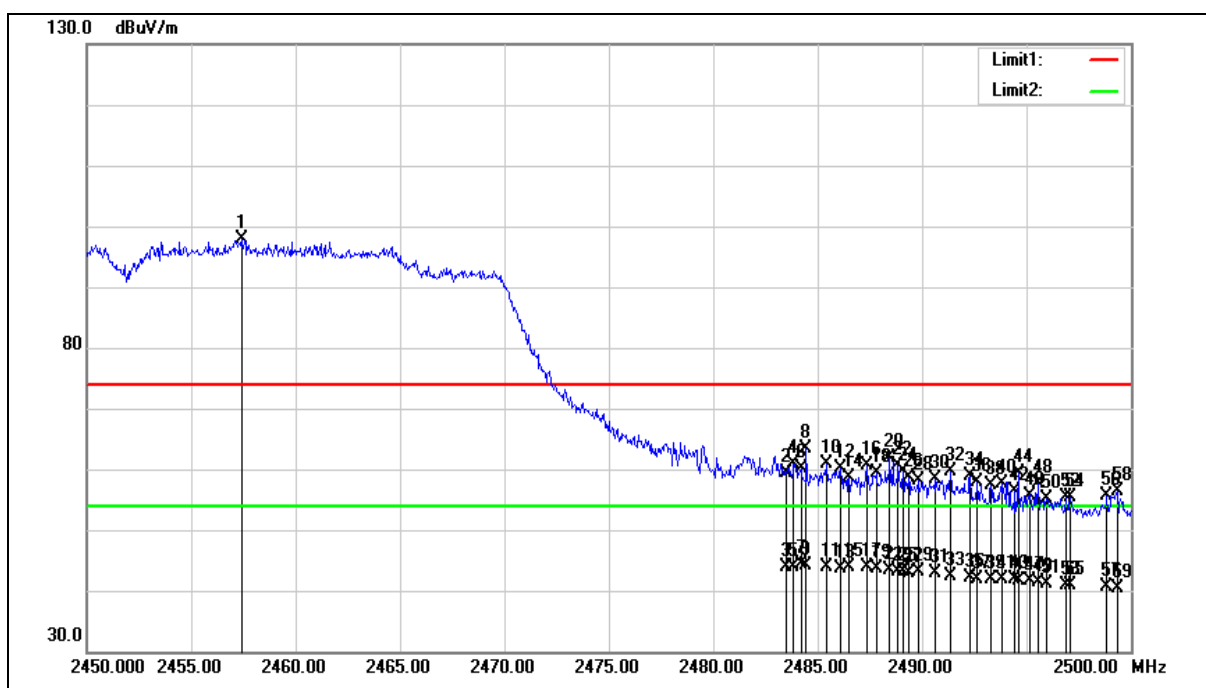
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
34	2380.800	52.48	-7.76	44.72	54.00	-9.28	AVG
35	2383.320	67.64	-7.75	59.89	74.00	-14.11	peak
36	2383.320	53.09	-7.75	45.34	54.00	-8.66	AVG
37	2383.920	69.33	-7.75	61.58	74.00	-12.42	peak
38	2383.920	53.35	-7.75	45.60	54.00	-8.40	AVG
39	2385.720	71.81	-7.73	64.08	74.00	-9.92	peak
40	2385.720	54.13	-7.73	46.40	54.00	-7.60	AVG
41	2386.680	71.29	-7.73	63.56	74.00	-10.44	peak
42	2386.680	54.11	-7.73	46.38	54.00	-7.62	AVG
43	2389.080	72.81	-7.72	65.09	74.00	-8.91	peak
44	2389.080	54.92	-7.72	47.20	54.00	-6.80	AVG
45	2390.000	71.14	-7.72	63.42	74.00	-10.58	peak
46	2390.000	55.23	-7.72	47.51	54.00	-6.49	AVG
47	2414.400	111.03	-7.62	103.41	--	--	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:	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	2457.400	105.25	-7.44	97.81	--	--	peak
2	2483.500	66.64	-7.34	59.30	74.00	-14.70	peak
3	2483.500	51.28	-7.34	43.94	54.00	-10.06	AVG
4	2483.850	68.26	-7.34	60.92	74.00	-13.08	peak
5	2483.850	51.18	-7.34	43.84	54.00	-10.16	AVG
6	2484.200	67.49	-7.34	60.15	74.00	-13.85	peak
7	2484.200	51.64	-7.34	44.30	54.00	-9.70	AVG
8	2484.450	70.64	-7.34	63.30	74.00	-10.70	peak
9	2484.450	51.45	-7.34	44.11	54.00	-9.89	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
10	2485.400	68.11	-7.32	60.79	74.00	-13.21	peak
11	2485.400	51.17	-7.32	43.85	54.00	-10.15	AVG
12	2486.100	67.54	-7.32	60.22	74.00	-13.78	peak
13	2486.100	51.02	-7.32	43.70	54.00	-10.30	AVG
14	2486.500	65.94	-7.32	58.62	74.00	-15.38	peak
15	2486.500	51.13	-7.32	43.81	54.00	-10.19	AVG
16	2487.350	67.95	-7.32	60.63	74.00	-13.37	peak
17	2487.350	51.10	-7.32	43.78	54.00	-10.22	AVG
18	2487.800	66.72	-7.32	59.40	74.00	-14.60	peak
19	2487.800	50.84	-7.32	43.52	54.00	-10.48	AVG
20	2488.450	69.20	-7.31	61.89	74.00	-12.11	peak
21	2488.450	50.60	-7.31	43.29	54.00	-10.71	AVG
22	2488.850	67.91	-7.31	60.60	74.00	-13.40	peak
23	2488.850	50.51	-7.31	43.20	54.00	-10.80	AVG
24	2489.100	67.05	-7.31	59.74	74.00	-14.26	peak
25	2489.100	50.48	-7.31	43.17	54.00	-10.83	AVG
26	2489.350	65.88	-7.31	58.57	74.00	-15.43	peak
27	2489.350	50.26	-7.31	42.95	54.00	-11.05	AVG
28	2489.800	65.33	-7.31	58.02	74.00	-15.98	peak
29	2489.800	50.34	-7.31	43.03	54.00	-10.97	AVG
30	2490.650	65.75	-7.31	58.44	74.00	-15.56	peak
31	2490.650	50.08	-7.31	42.77	54.00	-11.23	AVG
32	2491.350	67.03	-7.31	59.72	74.00	-14.28	peak
33	2491.350	49.75	-7.31	42.44	54.00	-11.56	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:	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
34	2492.300	66.15	-7.30	58.85	74.00	-15.15	peak
35	2492.300	49.44	-7.30	42.14	54.00	-11.86	AVG
36	2492.650	65.21	-7.30	57.91	74.00	-16.09	peak
37	2492.650	49.23	-7.30	41.93	54.00	-12.07	AVG
38	2493.300	64.59	-7.29	57.30	74.00	-16.70	peak
39	2493.300	49.29	-7.29	42.00	54.00	-12.00	AVG
40	2493.850	65.02	-7.29	57.73	74.00	-16.27	peak
41	2493.850	49.16	-7.29	41.87	54.00	-12.13	AVG
42	2494.450	63.71	-7.29	56.42	74.00	-17.58	peak
43	2494.450	49.17	-7.29	41.88	54.00	-12.12	AVG
44	2494.600	66.68	-7.29	59.39	74.00	-14.61	peak
45	2494.600	48.94	-7.29	41.65	54.00	-12.35	AVG
46	2495.150	63.03	-7.28	55.75	74.00	-18.25	peak
47	2495.150	48.80	-7.28	41.52	54.00	-12.48	AVG
48	2495.550	64.87	-7.28	57.59	74.00	-16.41	peak
49	2495.550	48.57	-7.28	41.29	54.00	-12.71	AVG
50	2495.950	62.30	-7.28	55.02	74.00	-18.98	peak
51	2495.950	48.49	-7.28	41.21	54.00	-12.79	AVG
52	2496.900	62.76	-7.28	55.48	74.00	-18.52	peak
53	2496.900	48.25	-7.28	40.97	54.00	-13.03	AVG
54	2497.100	62.59	-7.28	55.31	74.00	-18.69	peak
55	2497.100	48.26	-7.28	40.98	54.00	-13.02	AVG
56	2498.850	62.85	-7.27	55.58	74.00	-18.42	peak
57	2498.850	47.93	-7.27	40.66	54.00	-13.34	AVG

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

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

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

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

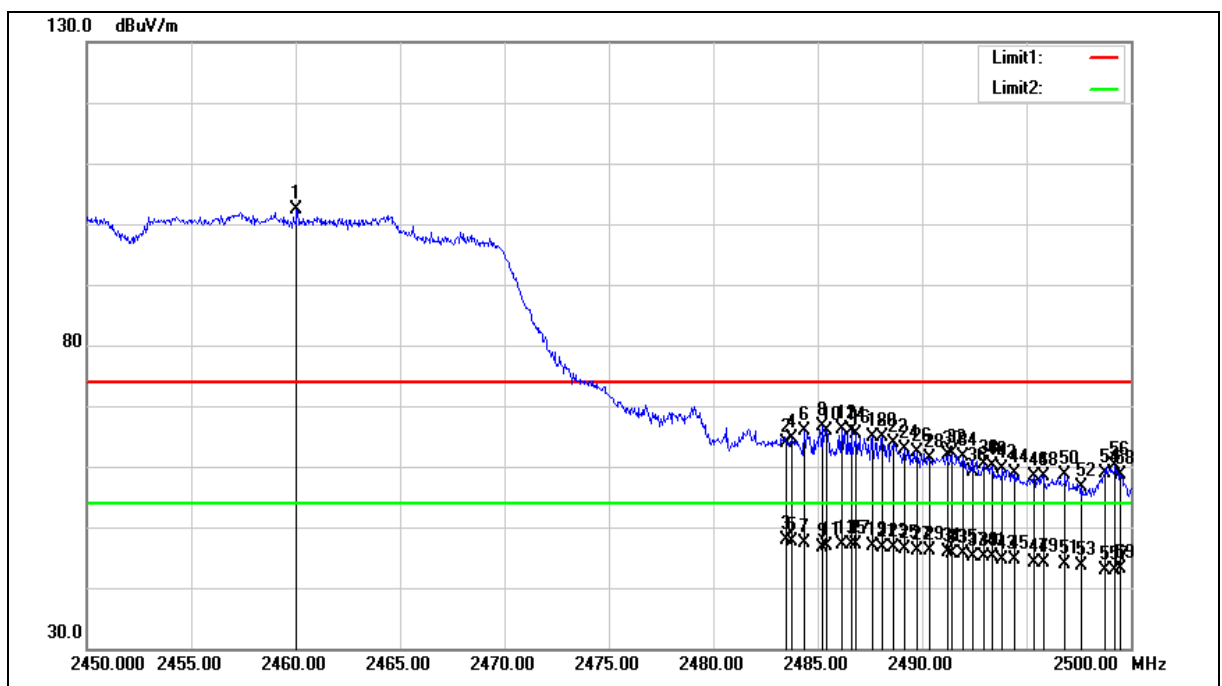
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
58	2499.350	63.53	-7.27	56.26	74.00	-17.74	peak
59	2499.350	47.76	-7.27	40.49	54.00	-13.51	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	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	2460.050	109.81	-7.43	102.38	--	--	peak
2	2483.500	71.16	-7.34	63.82	74.00	-10.18	peak
3	2483.500	55.24	-7.34	47.90	54.00	-6.10	AVG
4	2483.750	72.07	-7.34	64.73	74.00	-9.27	peak
5	2483.750	54.91	-7.34	47.57	54.00	-6.43	AVG
6	2484.350	73.29	-7.34	65.95	74.00	-8.05	peak
7	2484.350	54.63	-7.34	47.29	54.00	-6.71	AVG
8	2485.250	74.07	-7.33	66.74	74.00	-7.26	peak
9	2485.250	54.00	-7.33	46.67	54.00	-7.33	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
10	2485.450	73.23	-7.32	65.91	74.00	-8.09	peak
11	2485.450	54.17	-7.32	46.85	54.00	-7.15	AVG
12	2486.150	73.35	-7.32	66.03	74.00	-7.97	peak
13	2486.150	54.40	-7.32	47.08	54.00	-6.92	AVG
14	2486.600	73.10	-7.32	65.78	74.00	-8.22	peak
15	2486.600	54.52	-7.32	47.20	54.00	-6.80	AVG
16	2486.850	72.58	-7.32	65.26	74.00	-8.74	peak
17	2486.850	54.47	-7.32	47.15	54.00	-6.85	AVG
18	2487.600	72.17	-7.32	64.85	74.00	-9.15	peak
19	2487.600	54.26	-7.32	46.94	54.00	-7.06	AVG
20	2488.100	72.14	-7.32	64.82	74.00	-9.18	peak
21	2488.100	54.00	-7.32	46.68	54.00	-7.32	AVG
22	2488.600	71.13	-7.31	63.82	74.00	-10.18	peak
23	2488.600	53.92	-7.31	46.61	54.00	-7.39	AVG
24	2489.150	70.07	-7.31	62.76	74.00	-11.24	peak
25	2489.150	53.65	-7.31	46.34	54.00	-7.66	AVG
26	2489.750	69.78	-7.31	62.47	74.00	-11.53	peak
27	2489.750	53.56	-7.31	46.25	54.00	-7.75	AVG
28	2490.350	68.72	-7.31	61.41	74.00	-12.59	peak
29	2490.350	53.37	-7.31	46.06	54.00	-7.94	AVG
30	2491.200	69.16	-7.31	61.85	74.00	-12.15	peak
31	2491.200	53.17	-7.31	45.86	54.00	-8.14	AVG
32	2491.400	69.41	-7.31	62.10	74.00	-11.90	peak
33	2491.400	53.04	-7.31	45.73	54.00	-8.27	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
34	2491.950	69.04	-7.30	61.74	74.00	-12.26	peak
35	2491.950	53.01	-7.30	45.71	54.00	-8.29	AVG
36	2492.450	66.45	-7.30	59.15	74.00	-14.85	peak
37	2492.450	52.41	-7.30	45.11	54.00	-8.89	AVG
38	2492.950	67.74	-7.30	60.44	74.00	-13.56	peak
39	2492.950	52.43	-7.30	45.13	54.00	-8.87	AVG
40	2493.350	67.31	-7.29	60.02	74.00	-13.98	peak
41	2493.350	52.31	-7.29	45.02	54.00	-8.98	AVG
42	2493.850	67.01	-7.29	59.72	74.00	-14.28	peak
43	2493.850	51.96	-7.29	44.67	54.00	-9.33	AVG
44	2494.450	66.06	-7.29	58.77	74.00	-15.23	peak
45	2494.450	51.90	-7.29	44.61	54.00	-9.39	AVG
46	2495.350	65.54	-7.28	58.26	74.00	-15.74	peak
47	2495.350	51.38	-7.28	44.10	54.00	-9.90	AVG
48	2495.800	65.76	-7.28	58.48	74.00	-15.52	peak
49	2495.800	51.35	-7.28	44.07	54.00	-9.93	AVG
50	2496.850	65.79	-7.28	58.51	74.00	-15.49	peak
51	2496.850	51.08	-7.28	43.80	54.00	-10.20	AVG
52	2497.650	64.03	-7.28	56.75	74.00	-17.25	peak
53	2497.650	50.79	-7.28	43.51	54.00	-10.49	AVG
54	2498.750	66.23	-7.27	58.96	74.00	-15.04	peak
55	2498.750	50.27	-7.27	43.00	54.00	-11.00	AVG
56	2499.250	67.43	-7.27	60.16	74.00	-13.84	peak
57	2499.250	50.16	-7.27	42.89	54.00	-11.11	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
58	2499.500	65.82	-7.27	58.55	74.00	-15.45	peak
59	2499.500	50.29	-7.27	43.02	54.00	-10.98	AVG

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

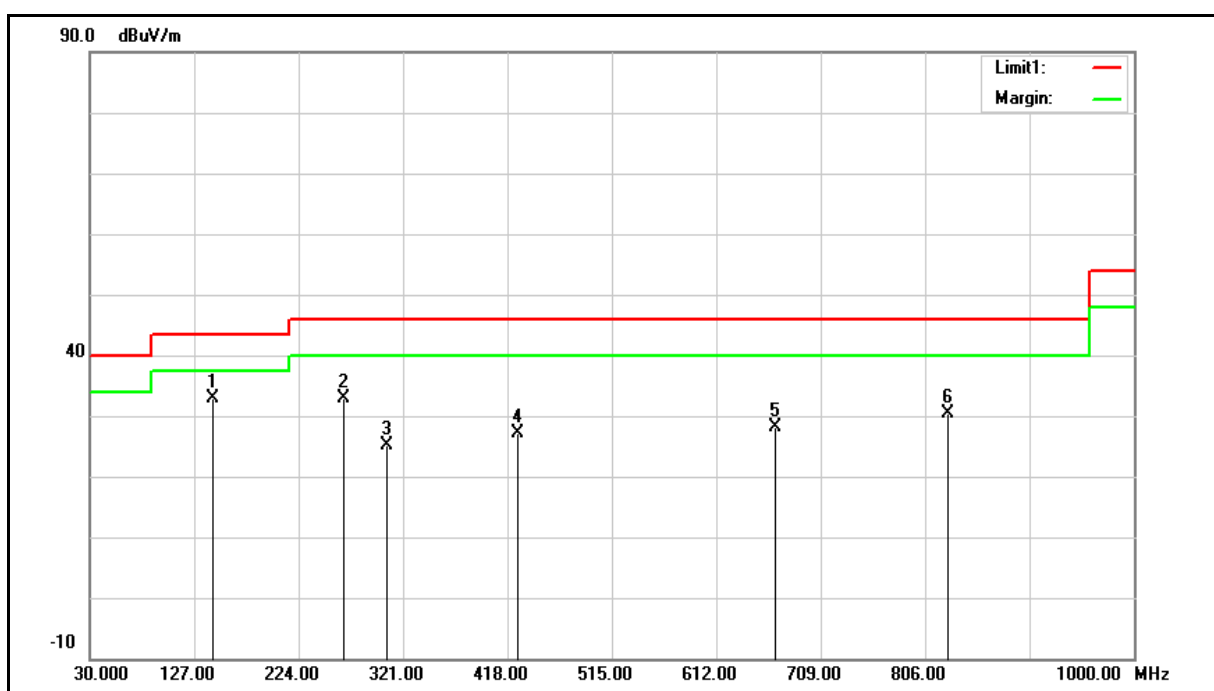
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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:	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	144.4600	40.64	-7.78	32.86	43.50	-10.64	QP
2	265.7100	40.52	-7.74	32.78	46.00	-13.22	QP
3	306.4500	31.50	-6.41	25.09	46.00	-20.91	QP
4	427.7000	31.32	-4.30	27.02	46.00	-18.98	QP
5	667.2900	28.55	-0.47	28.08	46.00	-17.92	QP
6	827.3400	28.30	1.96	30.26	46.00	-15.74	QP

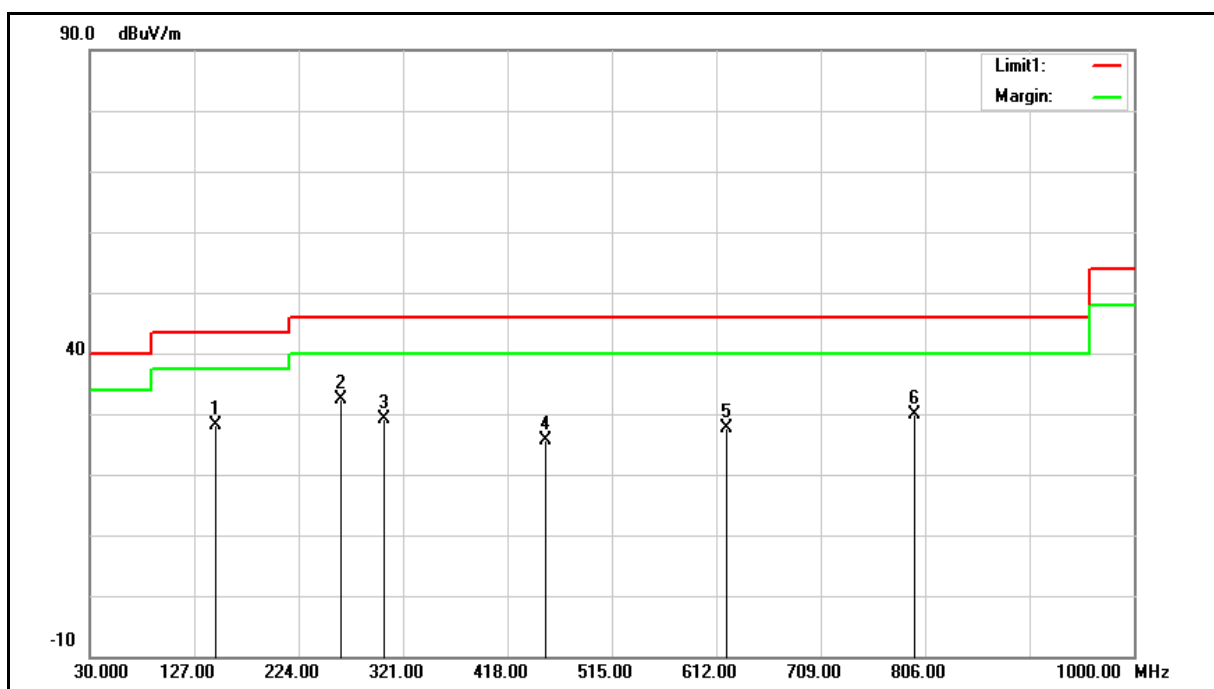
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $32.86 = -7.78 + 40.64$

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	147.3700	35.85	-7.70	28.15	43.50	-15.35	QP
2	263.7700	40.36	-7.86	32.50	46.00	-13.50	QP
3	303.5400	35.50	-6.47	29.03	46.00	-16.97	QP
4	453.8900	29.61	-3.88	25.73	46.00	-20.27	QP
5	621.7000	28.70	-1.02	27.68	46.00	-18.32	QP
6	796.3000	28.27	1.56	29.83	46.00	-16.17	QP

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

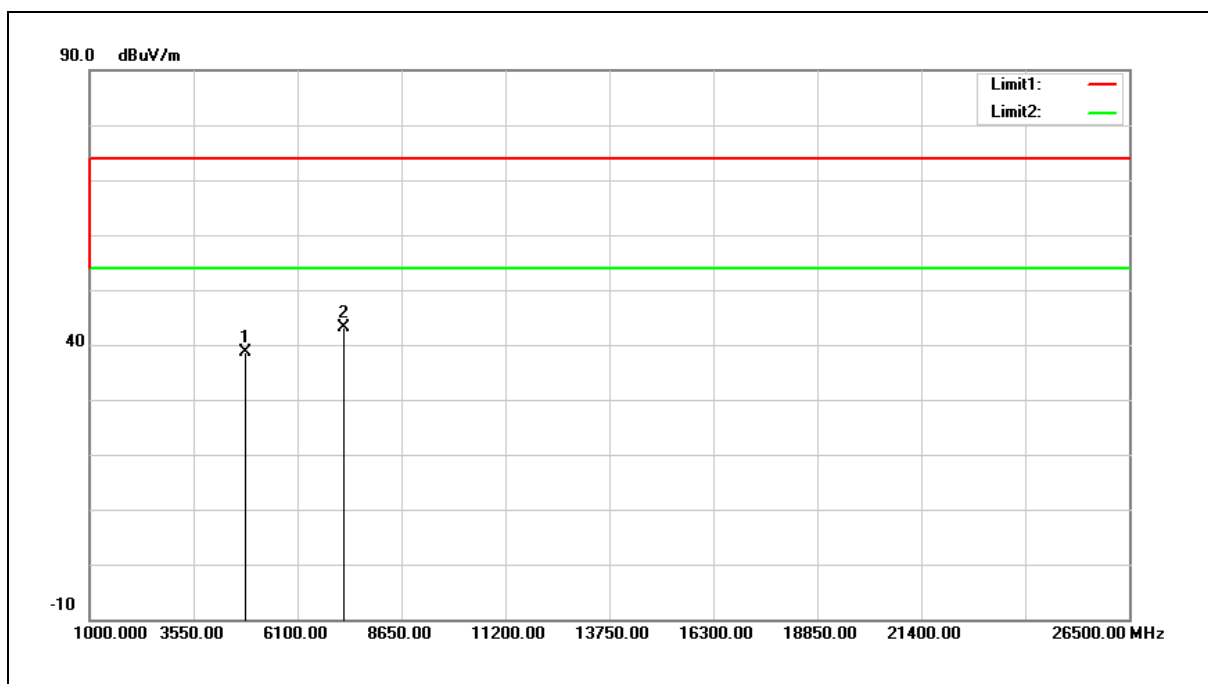
Example: $28.15 = -7.70 + 35.85$

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

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

場強輻射量測 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.98	-1.25	38.73	74.00	-35.27	peak
2	7236.000	37.39	5.85	43.24	74.00	-30.76	peak

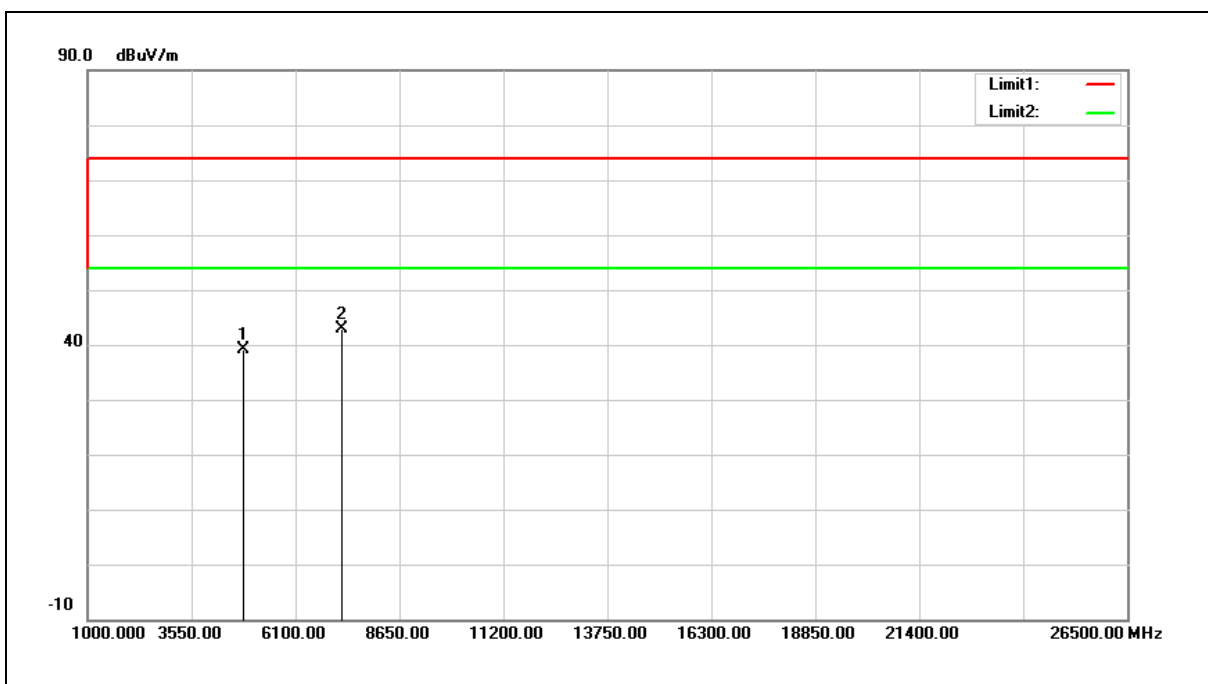
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $38.73 = -1.25 + 39.98$

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

3.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	40.46	-1.25	39.21	74.00	-34.79	peak
2	7236.000	36.92	5.85	42.77	74.00	-31.23	peak

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

Example: $39.21 = -1.25 + 40.46$

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

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

Annex C. Conducted Test Results (2.4 GHz)

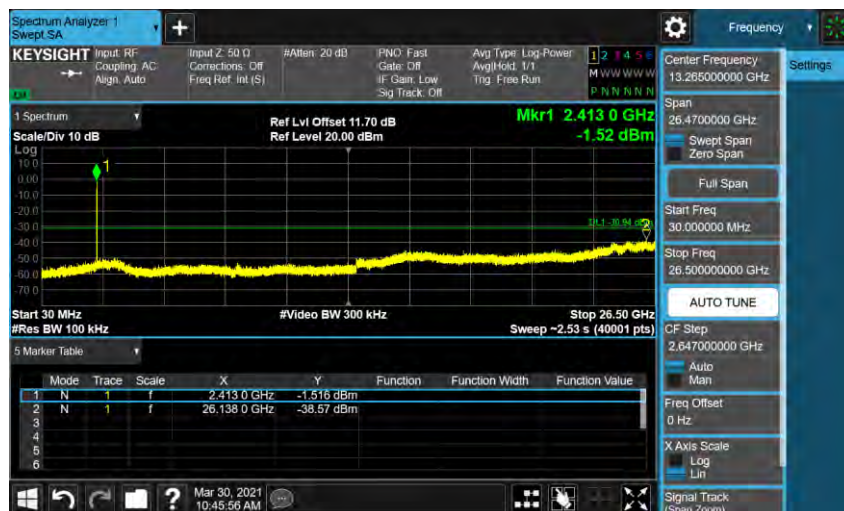
Maximum Conducted Output Power

操作模式	Data Rate (Mbps)	頻道 CH	最大傳導輸出功率(Average)						Limit (dBm)
			ANT-0		ANT-1		ANT-0+1		
			dBm	W	dBm	W	dBm	W	
Mode 2	1	01	12.11	0.016	12.18	0.017	---	---	≤ 30.00
		06	15.16	0.033	15.31	0.034	---	---	≤ 30.00
		11	12.12	0.016	12.16	0.016	---	---	≤ 30.00
Mode 3	6	01	12.13	0.016	12.19	0.017	---	---	≤ 30.00
		06	15.13	0.033	15.25	0.033	---	---	≤ 30.00
		11	12.13	0.016	12.18	0.017	---	---	≤ 30.00
Mode 4	13	01	9.25	0.008	9.31	0.009	12.29	0.017	≤ 30.00
		06	12.13	0.016	12.19	0.017	15.17	0.033	≤ 30.00
		11	9.14	0.008	9.19	0.008	12.18	0.017	≤ 30.00
Mode 5	27	03	7.38	0.005	7.47	0.006	10.44	0.011	≤ 30.00
		06	12.06	0.016	12.13	0.016	15.11	0.032	≤ 30.00
		09	7.44	0.006	7.49	0.006	10.48	0.011	≤ 30.00

Out of Band Conducted Spurious Emission

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

CH01



CH06



CH11



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

CH03



CH06



CH09



Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

CH01



CH06



CH11



Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

CH01



CH06



CH11



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

CH01



CH06



CH11



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

CH03



CH06



CH09



Reference level

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

CH01



CH06



CH11



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

CH03



CH06



CH09



Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

CH01



CH06



CH11



Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

CH01



CH06



CH11



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

CH01



CH06



CH11



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

CH03



CH06



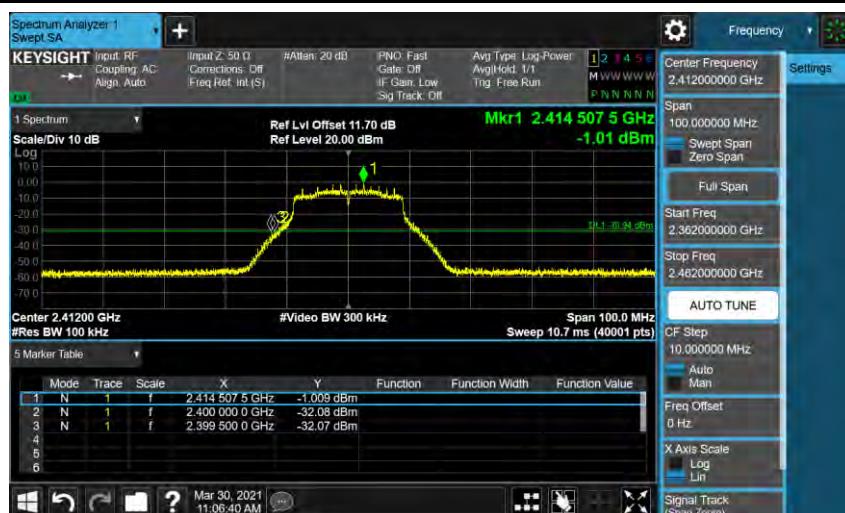
CH09



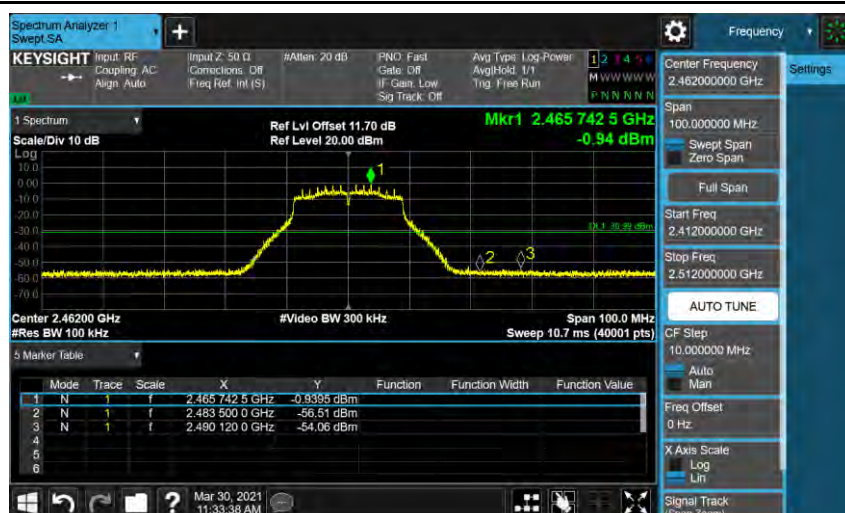
Conducted Band Edge

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

CH01

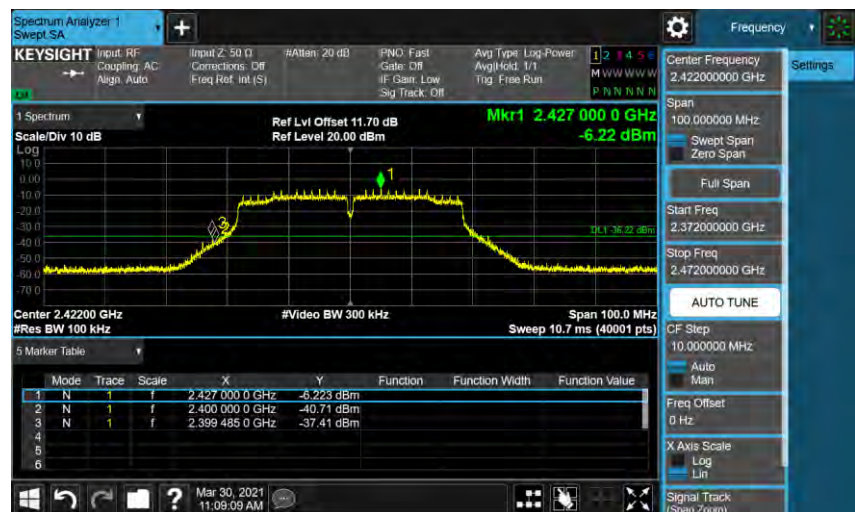


CH11

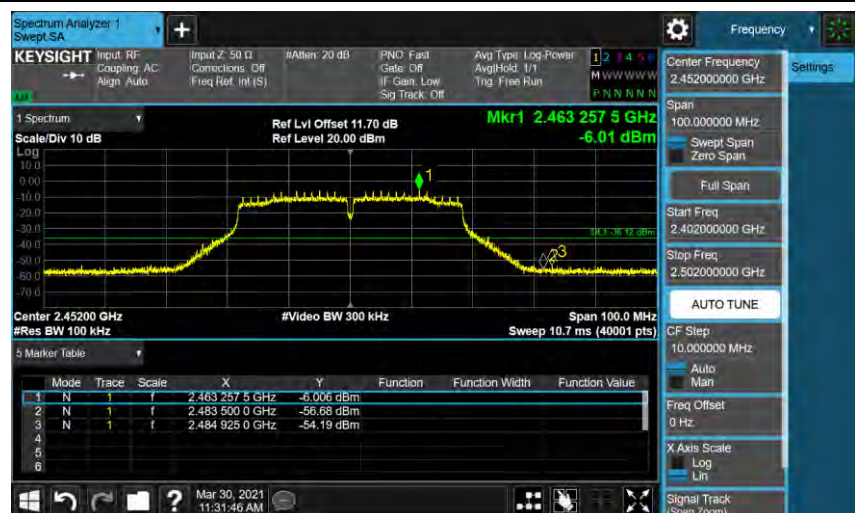


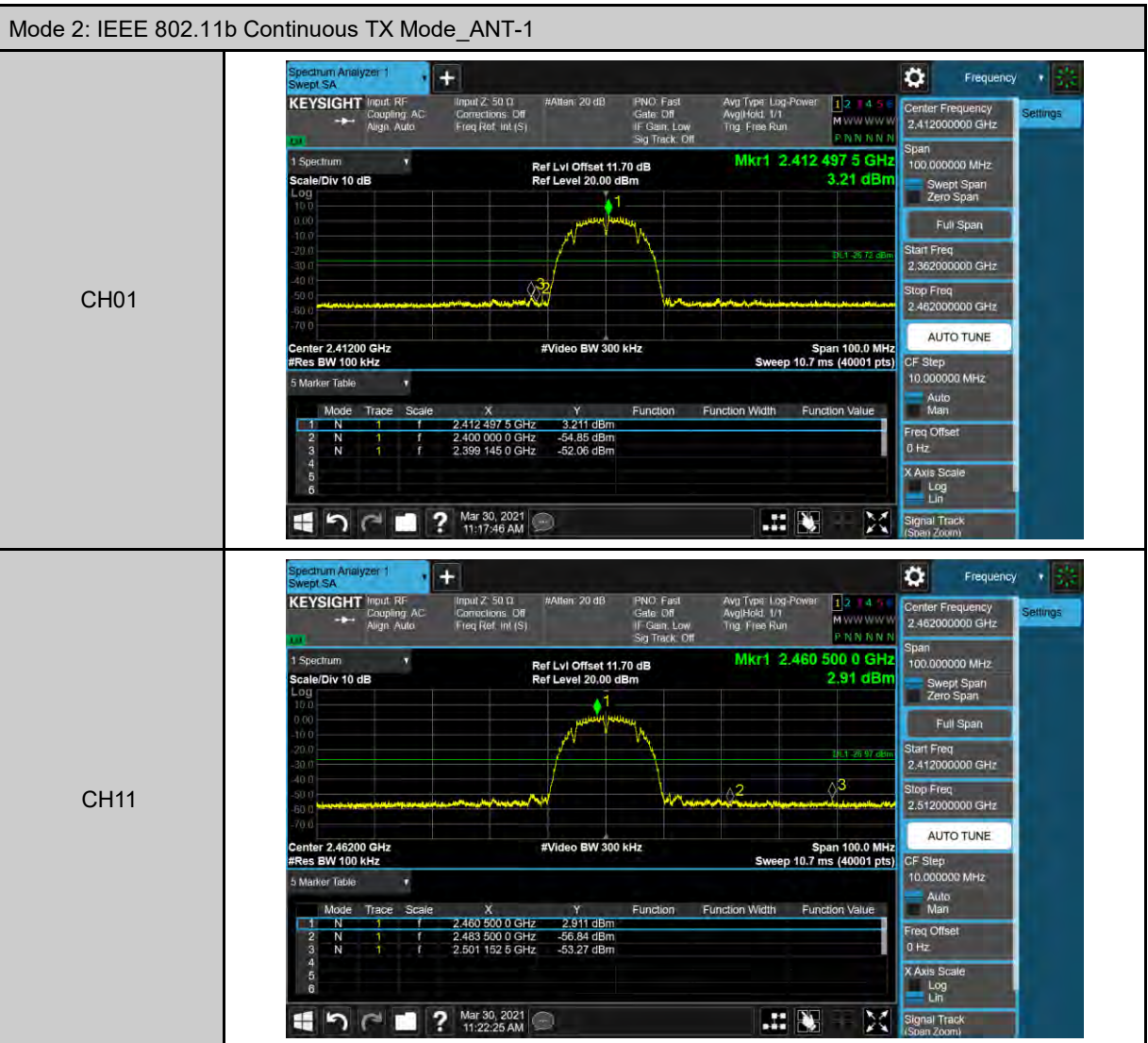
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0

CH03



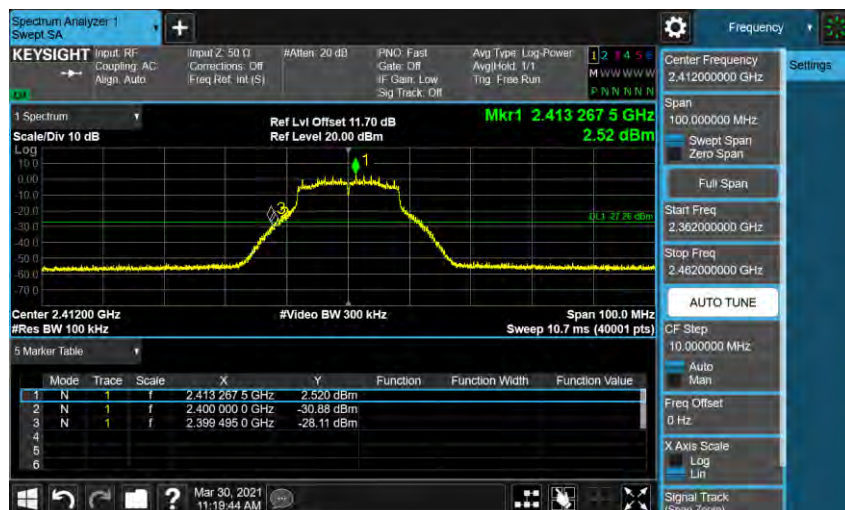
CH09



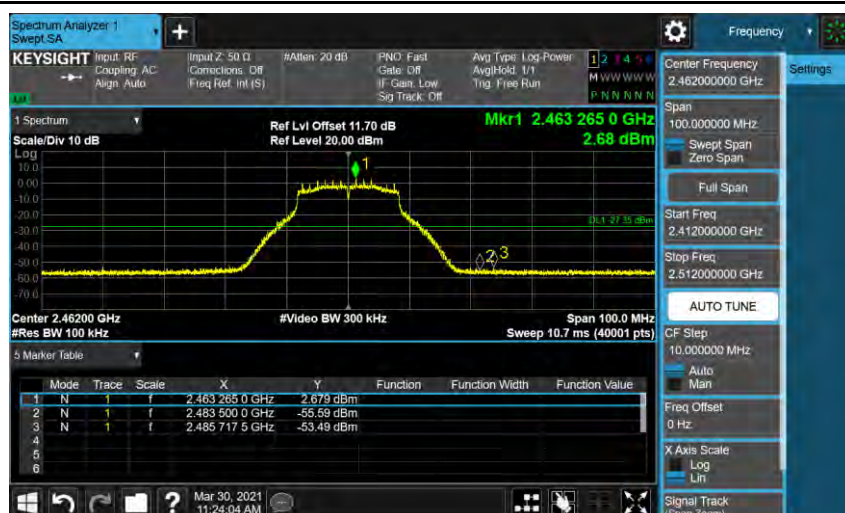


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

CH01

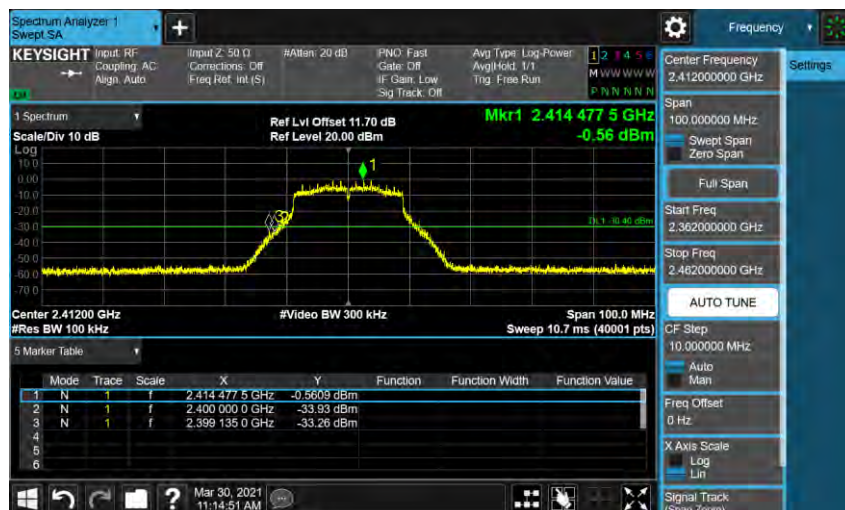


CH11

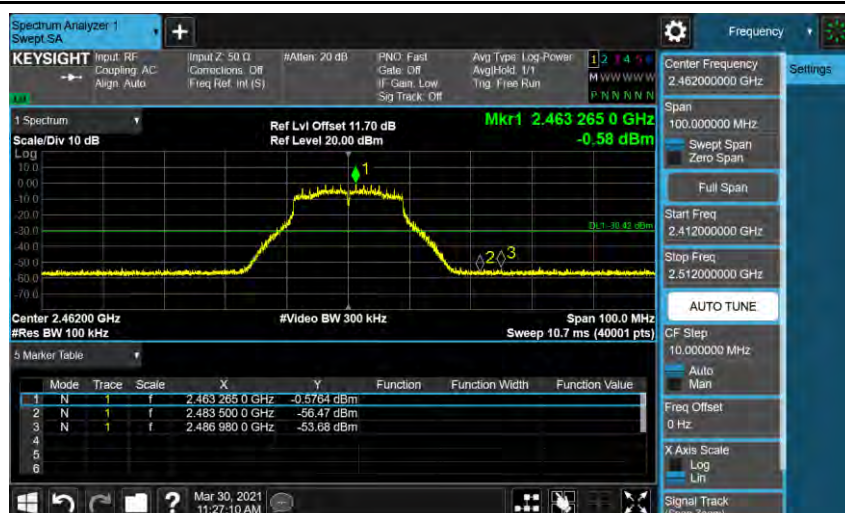


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-1

CH01

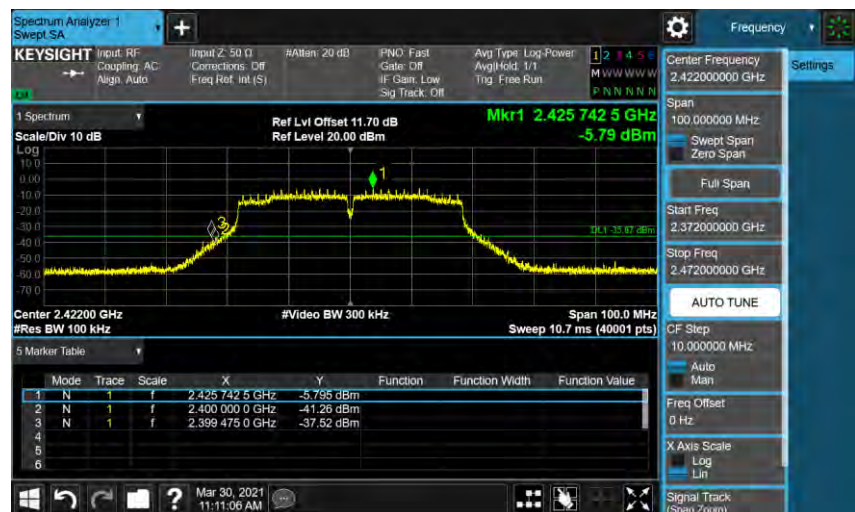


CH11

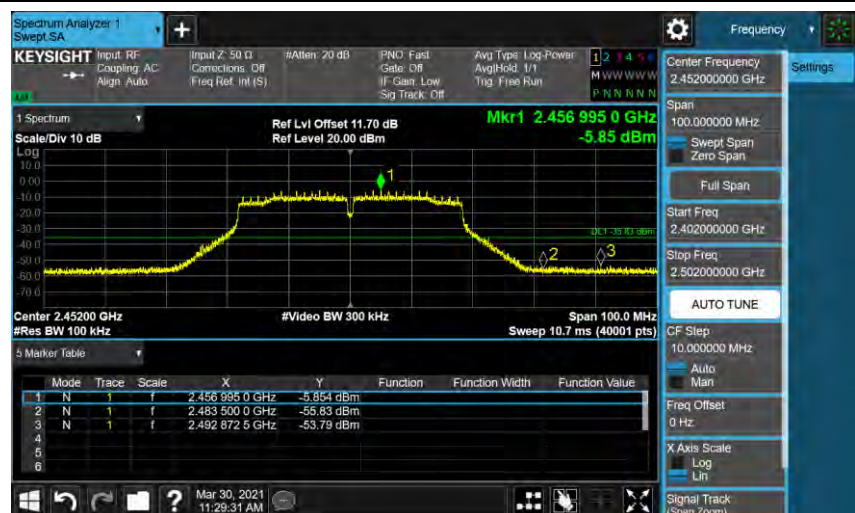


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1

CH03



CH09



6 dB Bandwidth

操作模式	頻道	量測值 (kHz)		限制值 (kHz)
		ANT-0	ANT-1	
Mode 2	CH01	---	10150	≥ 500
	CH06	---	10140	≥ 500
	CH11	---	10150	≥ 500
Mode 3	CH03	---	15170	≥ 500
	CH06	---	15170	≥ 500
	CH09	---	15170	≥ 500
Mode 4	CH01	15170	15130	≥ 500
	CH06	15160	15720	≥ 500
	CH11	15160	15710	≥ 500
Mode 5	CH03	35170	35170	≥ 500
	CH06	35170	35170	≥ 500
	CH09	35170	35170	≥ 500

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

CH01



CH06



CH11

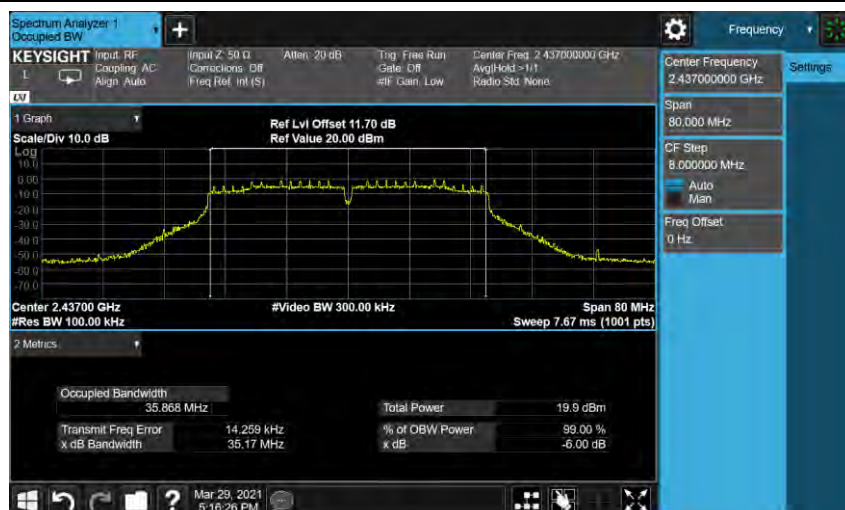


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0

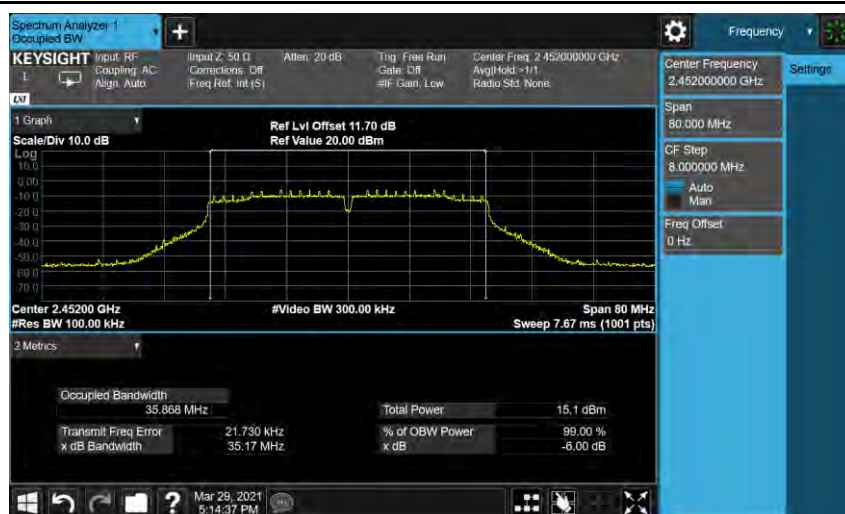
CH03



CH06



CH09



Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

CH01



CH06



CH11



Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

CH01



CH06



CH11



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

CH01



CH06

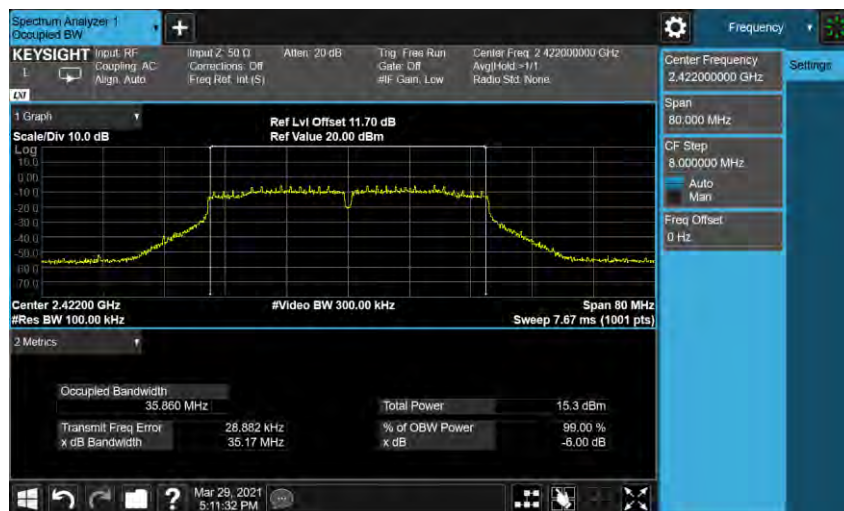


CH11



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

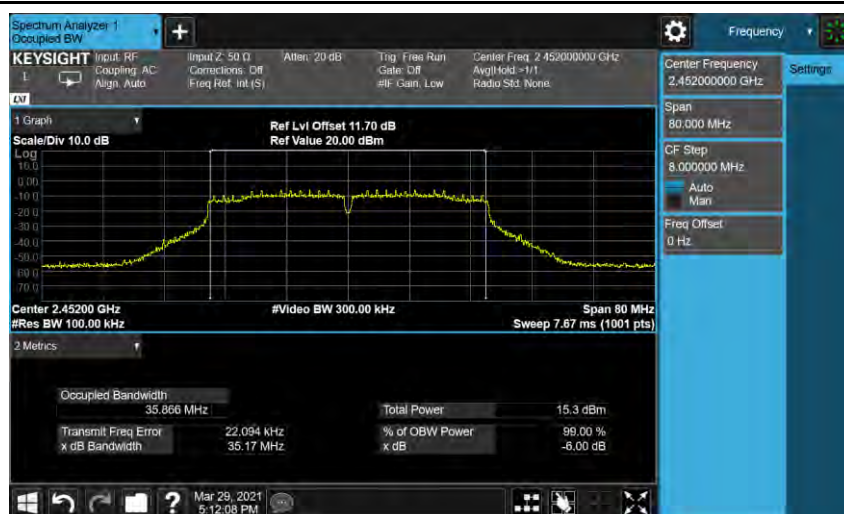
CH03



CH06



CH09

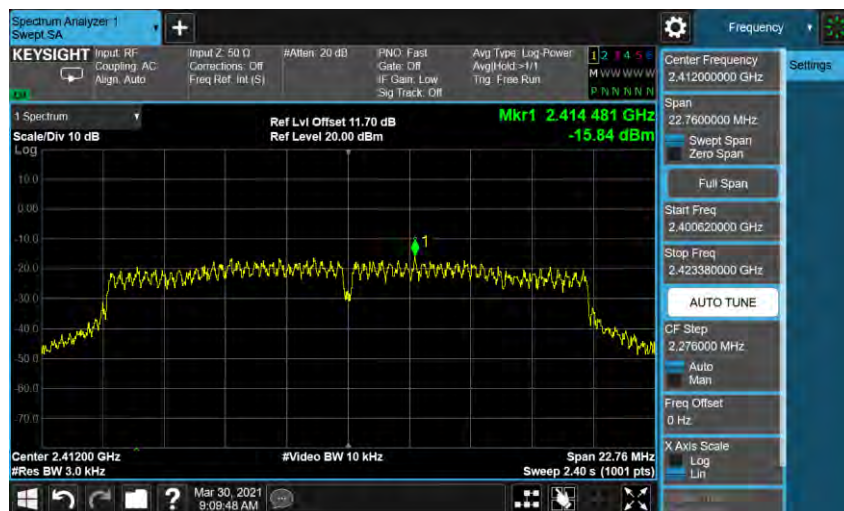


Maximum Power Spectral Density

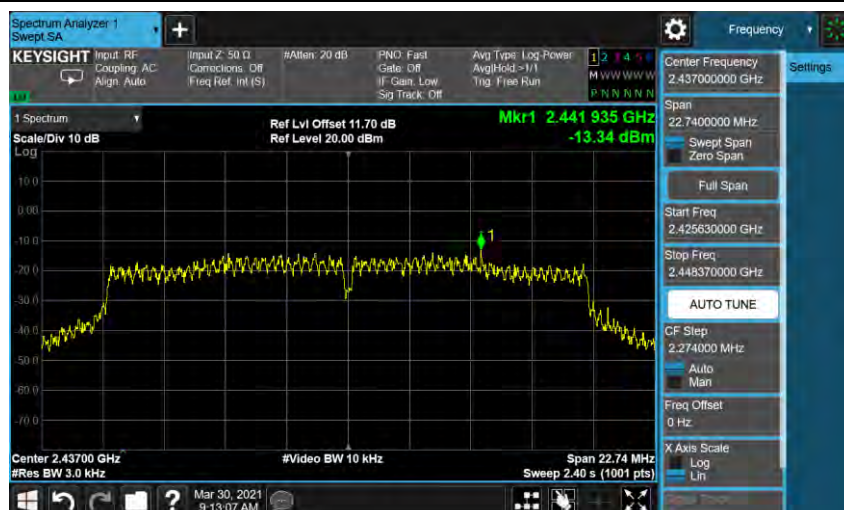
操作模式	頻道	量測值(3 kHz/dBm)		計算值(3 kHz/dBm)	限制值 (3 kHz/dBm)
		ANT-0	ANT-1	ANT-0+1	
Mode 2	CH01	---	-10.410	---	≤ 8.00
	CH06	---	-7.350	---	≤ 8.00
	CH11	---	-10.630	---	≤ 8.00
Mode 3	CH01	---	-12.670	---	≤ 8.00
	CH06	---	-9.370	---	≤ 8.00
	CH11	---	-11.180	---	≤ 8.00
Mode 4	CH01	-15.840	-15.430	-12.620	≤ 8.00
	CH06	-13.340	-11.950	-9.579	≤ 8.00
	CH11	-16.330	-15.320	-12.785	≤ 8.00
Mode 5	CH03	-21.190	-19.720	-17.383	≤ 8.00
	CH06	-16.810	-15.290	-12.974	≤ 8.00
	CH09	-21.670	-21.320	-18.481	≤ 8.00

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

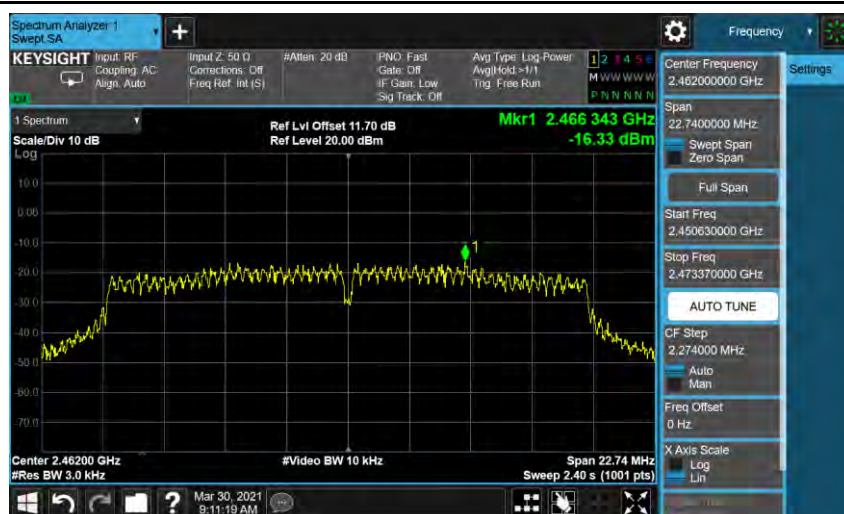
CH01



CH06



CH11

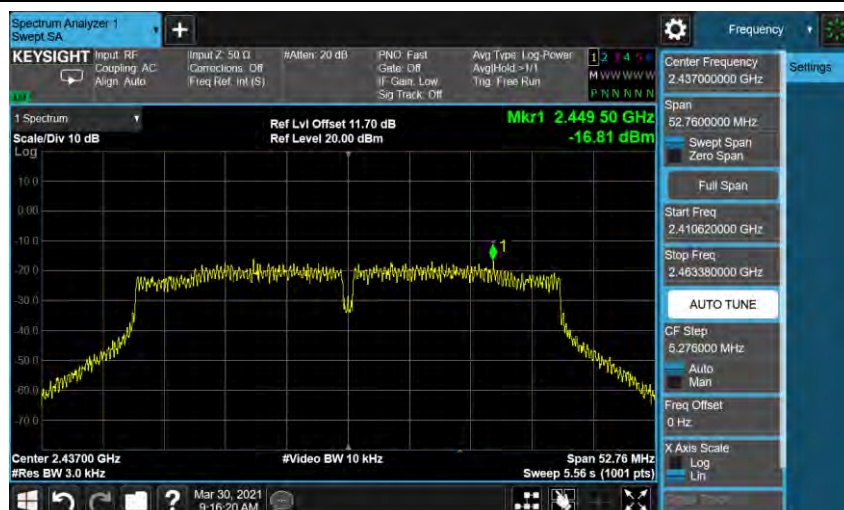


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0

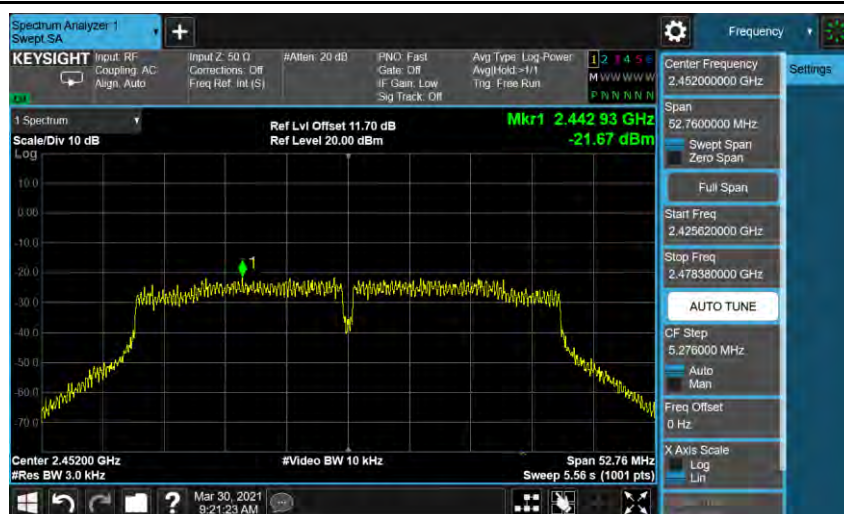
CH03



CH06



CH09



Mode 2: IEEE 802.11b Continuous TX Mode_ANT-1

CH01



CH06



CH11

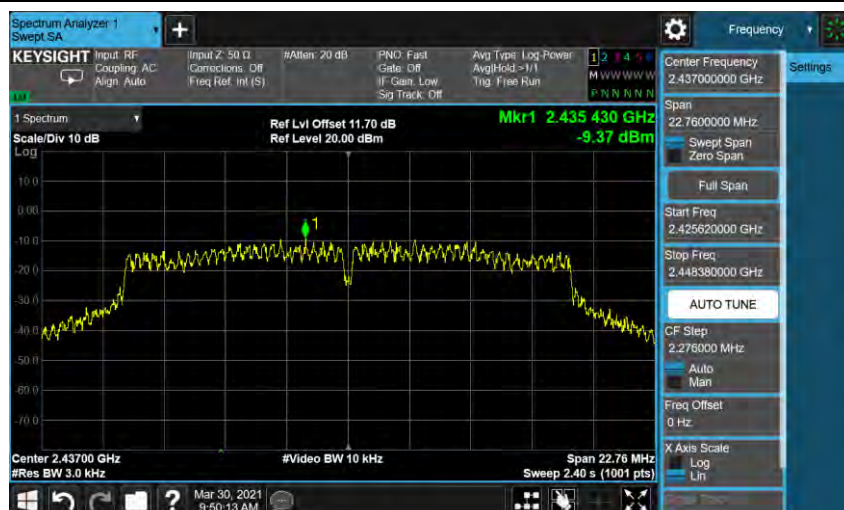


Mode 3: IEEE 802.11g Continuous TX Mode_ANT-1

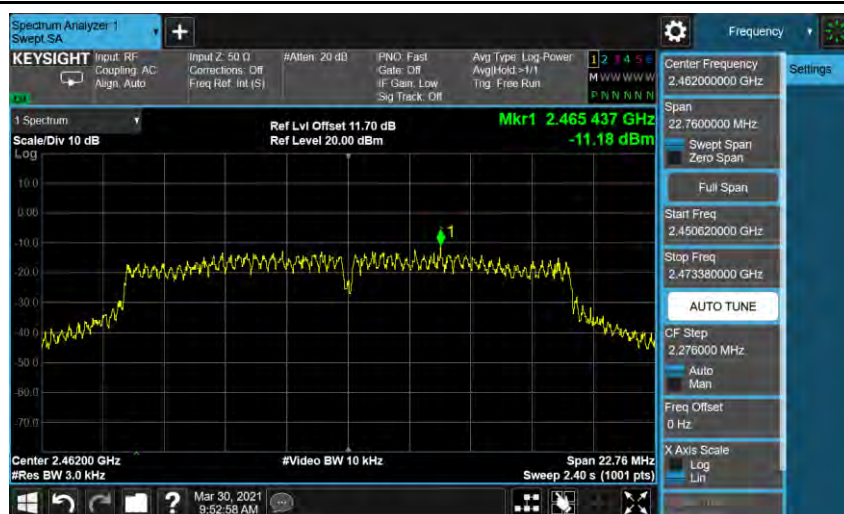
CH01



CH06

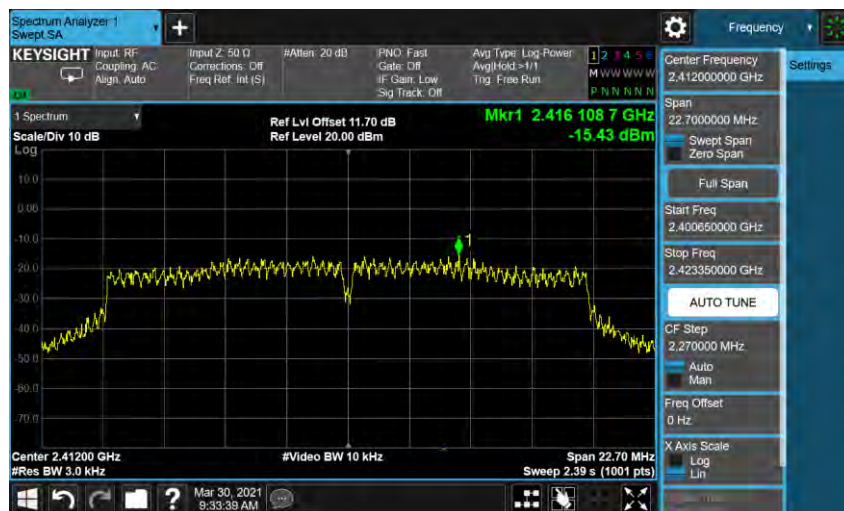


CH11

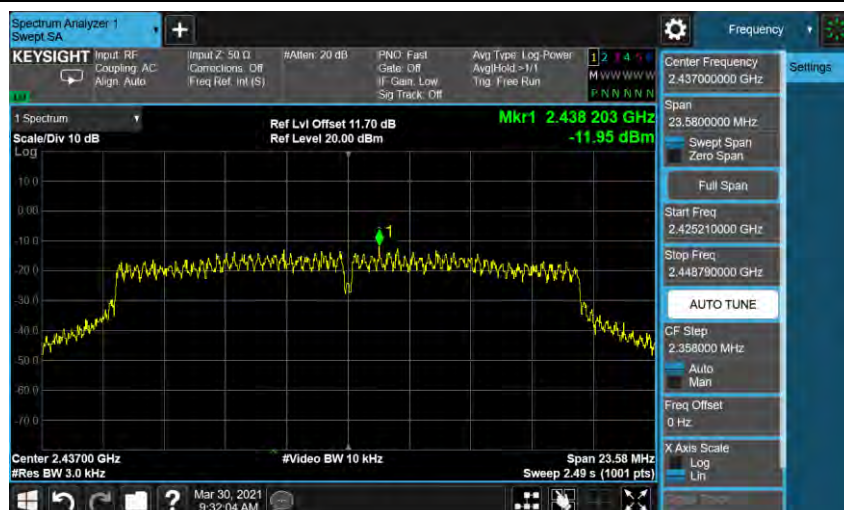


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-1

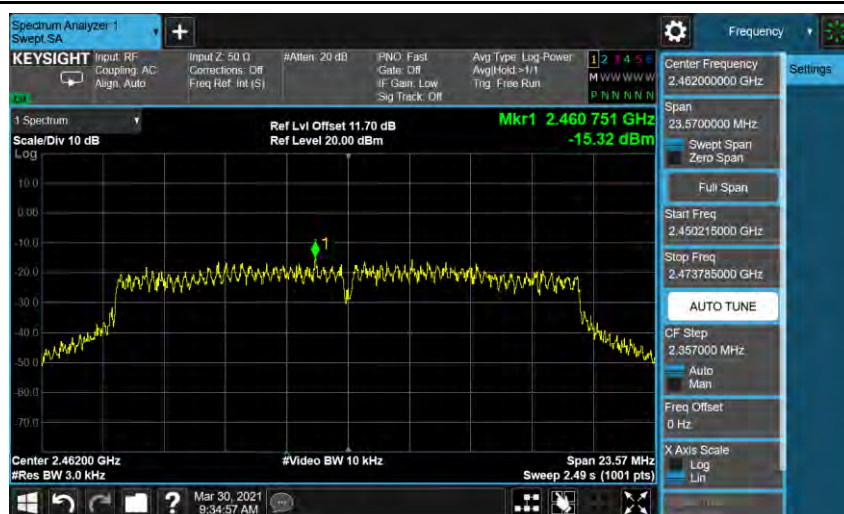
CH01



CH06



CH11

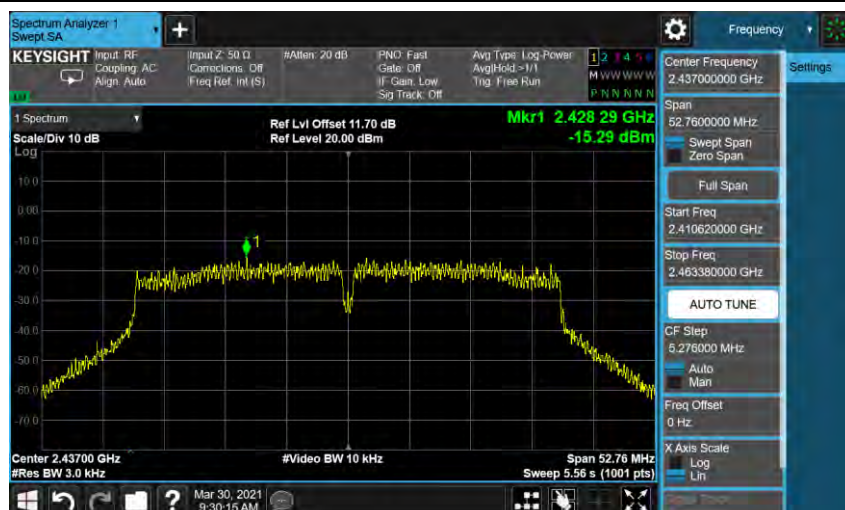


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1

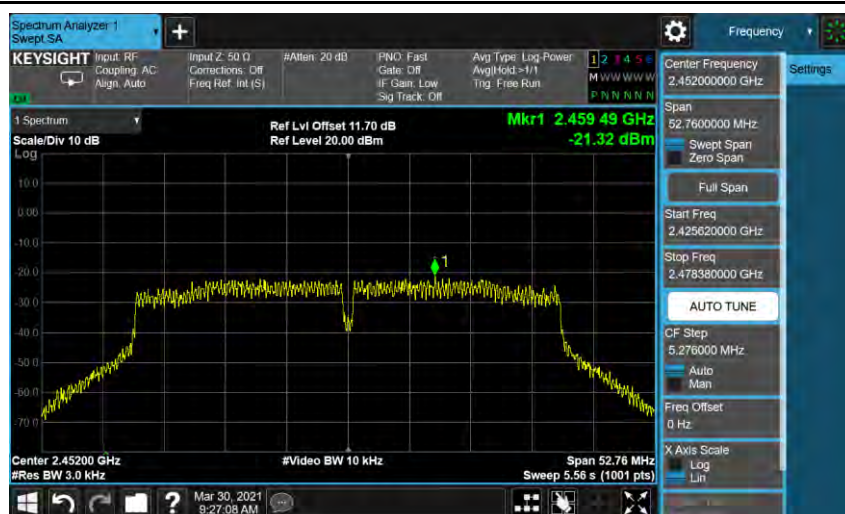
CH03



CH06



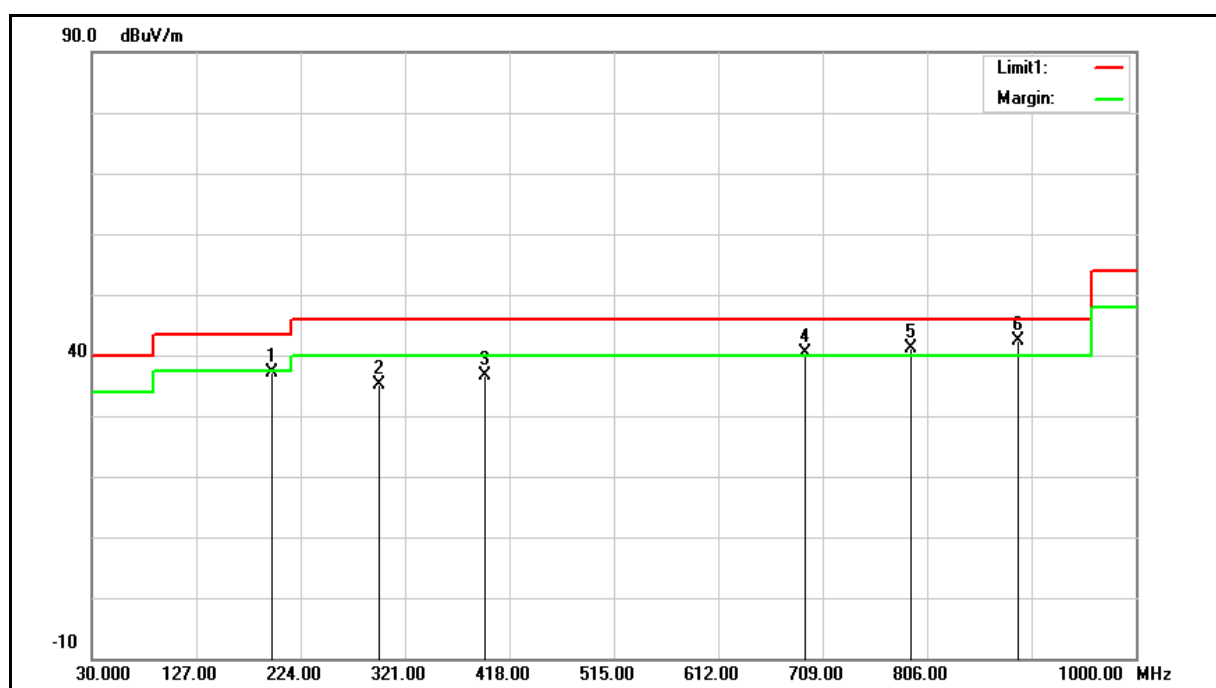
CH09



Annex D. Radiated Emission Measurement (5 GHz)

其它不必要之訊號 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	197.8100	47.00	-9.92	37.08	43.50	-6.42	QP
2	296.7500	41.69	-6.61	35.08	46.00	-10.92	QP
3	395.6900	41.39	-4.87	36.52	46.00	-9.48	QP
4	692.5100	40.52	-0.11	40.41	46.00	-5.59	QP
5	791.4500	39.61	1.48	41.09	46.00	-4.91	QP
6	890.3900	39.57	2.90	42.47	46.00	-3.53	QP

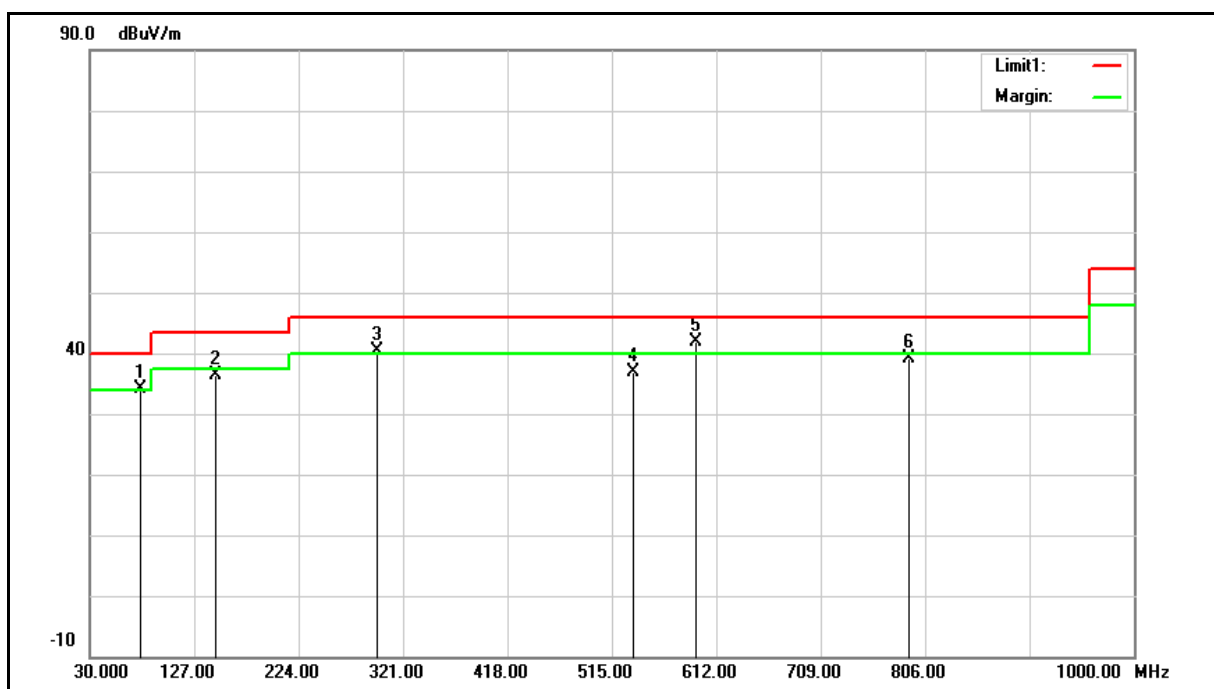
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 37.08 = -9.92 + 47.00

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

3. 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:	5745 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	76.5600	46.05	-11.96	34.09	40.00	-5.91	QP
2	147.3700	44.06	-7.70	36.36	43.50	-7.14	QP
3	296.7500	46.93	-6.61	40.32	46.00	-5.68	QP
4	534.4000	39.80	-2.80	37.00	46.00	-9.00	QP
5	593.5700	43.34	-1.41	41.93	46.00	-4.07	QP
6	791.4500	37.75	1.48	39.23	46.00	-6.77	QP

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

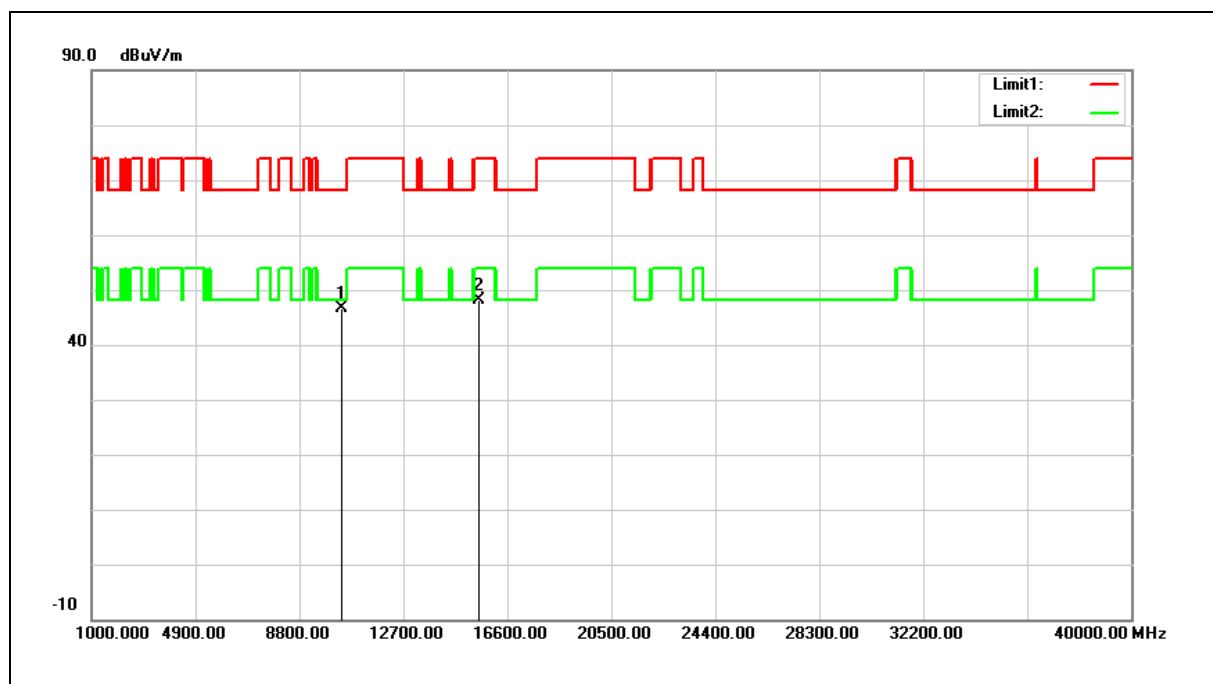
Example: $34.09 = -11.96 + 46.05$

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

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

場強輻射量測 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	34.88	11.69	46.57	68.20	-21.63	peak
2	15540.000	33.60	14.52	48.12	74.00	-25.88	peak

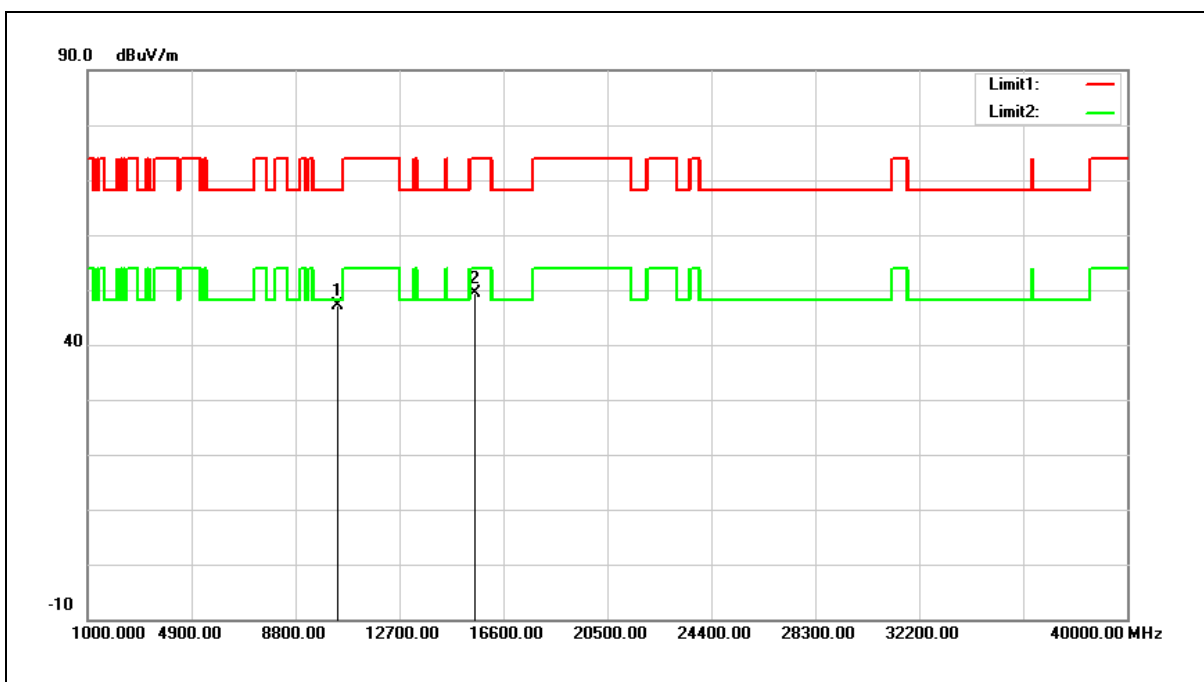
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $46.57 = 11.69 + 34.88$

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	35.36	11.69	47.05	68.20	-21.15	peak
2	15540.000	34.89	14.52	49.41	74.00	-24.59	peak

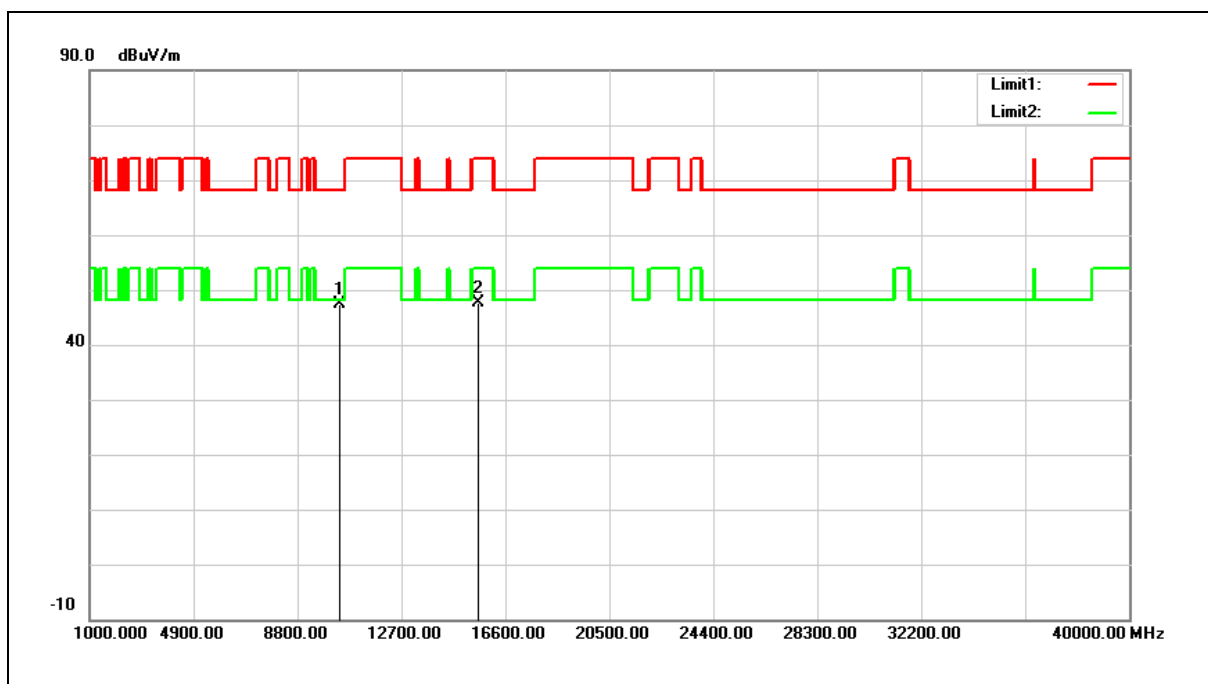
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 47.05 = 11.69 + 35.36

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

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

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



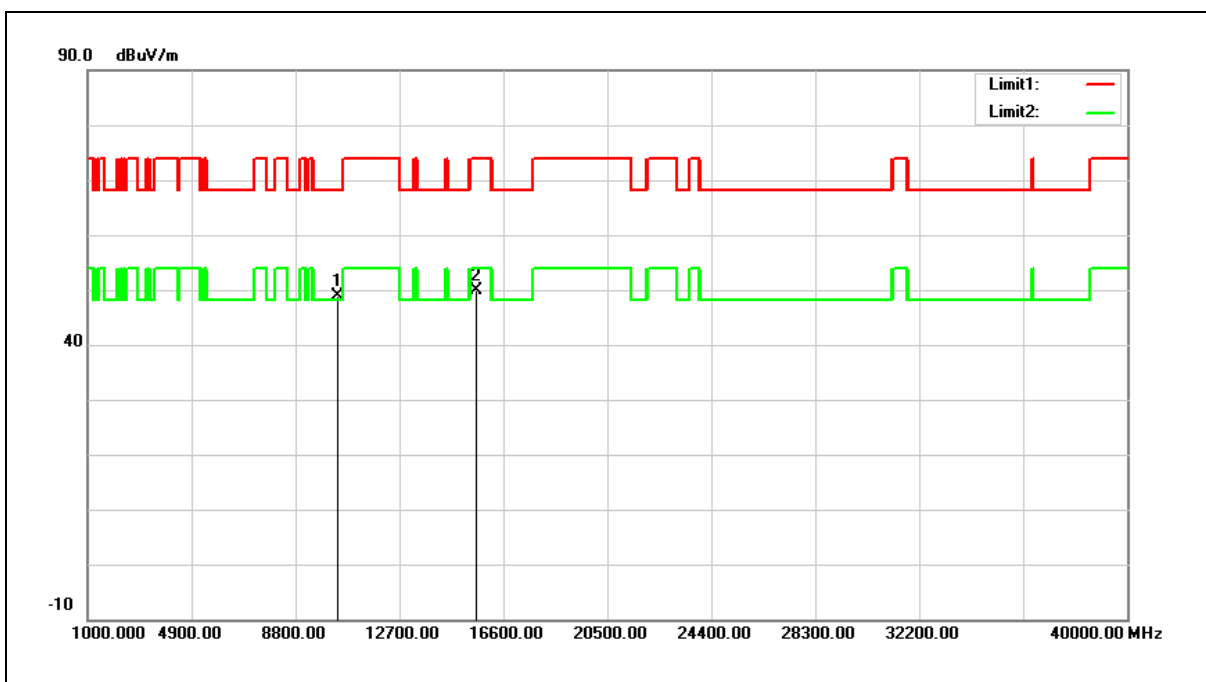
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	35.64	11.79	47.43	68.20	-20.77	peak
2	15600.000	33.26	14.39	47.65	74.00	-26.35	peak

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

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

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

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



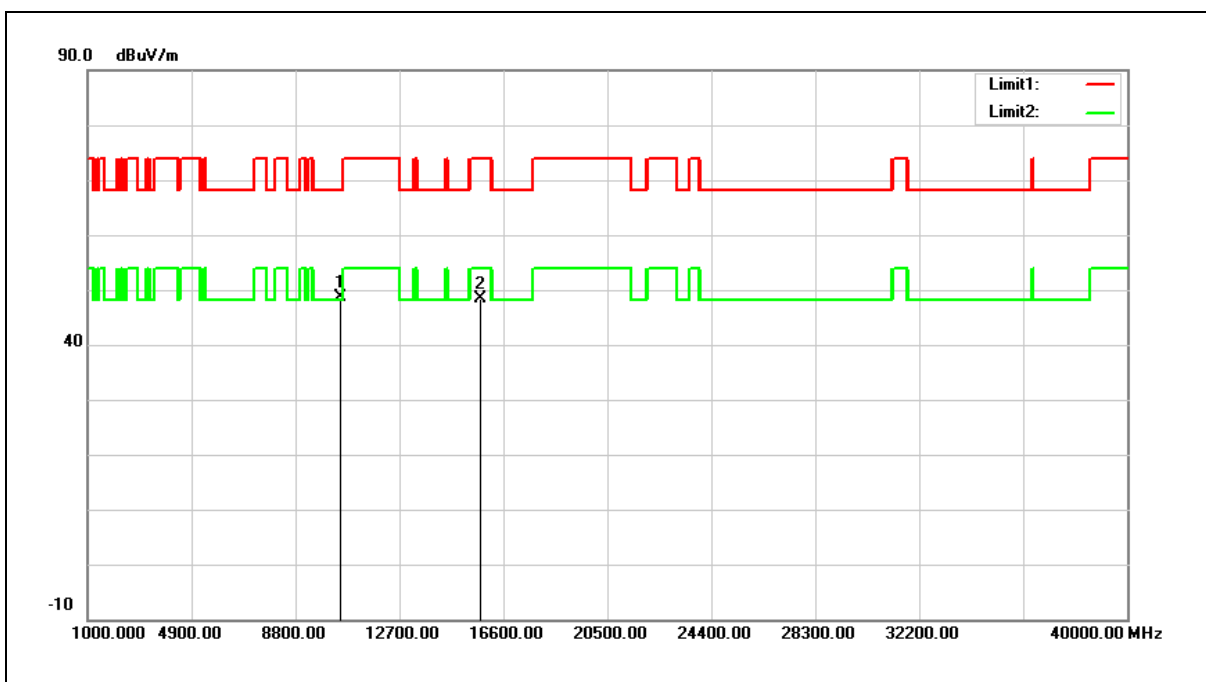
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	37.01	11.79	48.80	68.20	-19.40	peak
2	15600.000	35.46	14.39	49.85	74.00	-24.15	peak

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

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

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

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



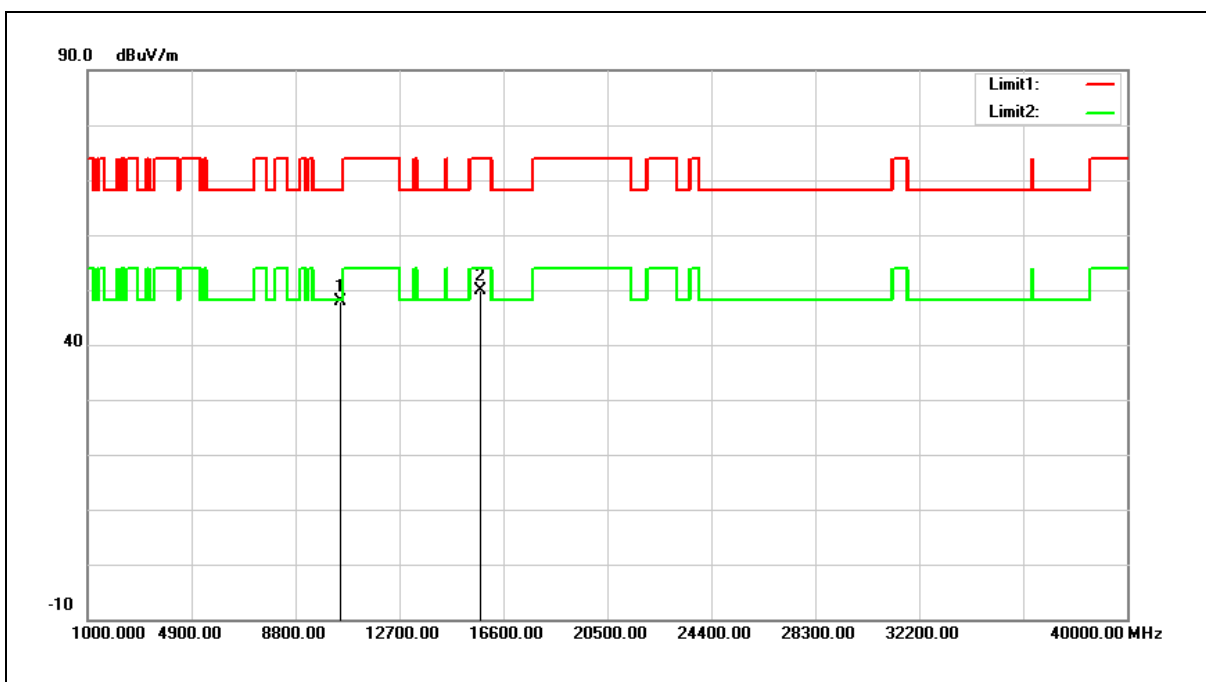
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	36.52	12.00	48.52	68.20	-19.68	peak
2	15720.000	34.35	14.13	48.48	74.00	-25.52	peak

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

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

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

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



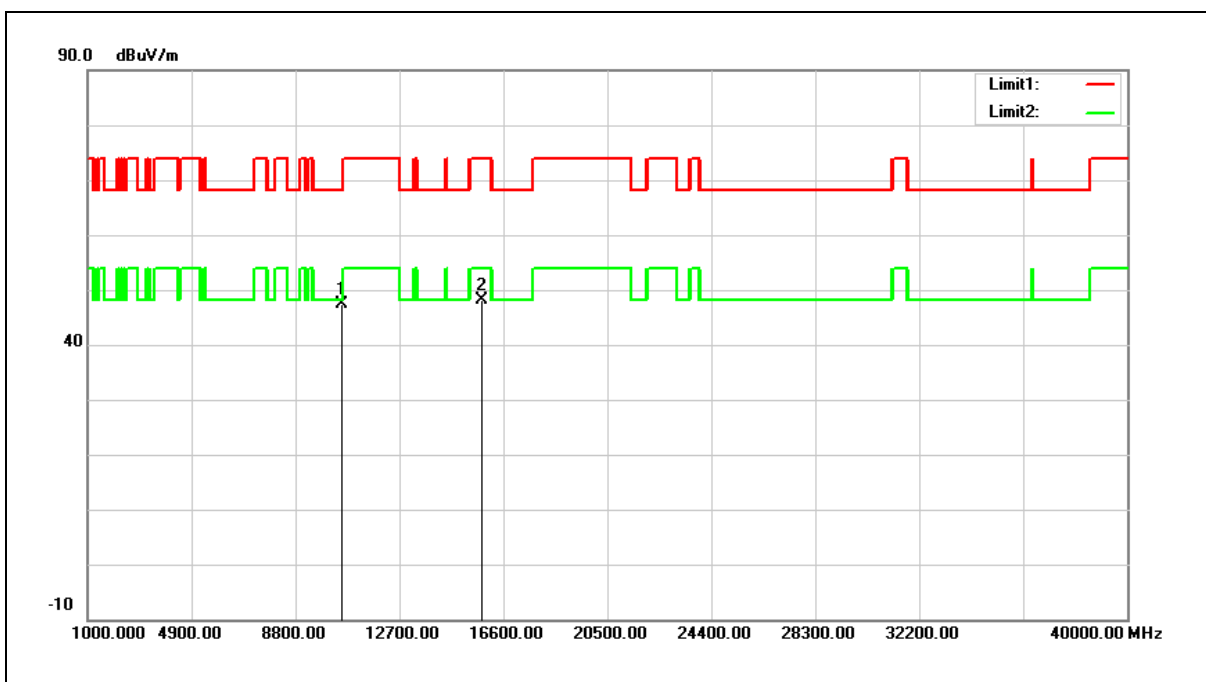
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	35.78	12.00	47.78	68.20	-20.42	peak
2	15720.000	35.78	14.13	49.91	74.00	-24.09	peak

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

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

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

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



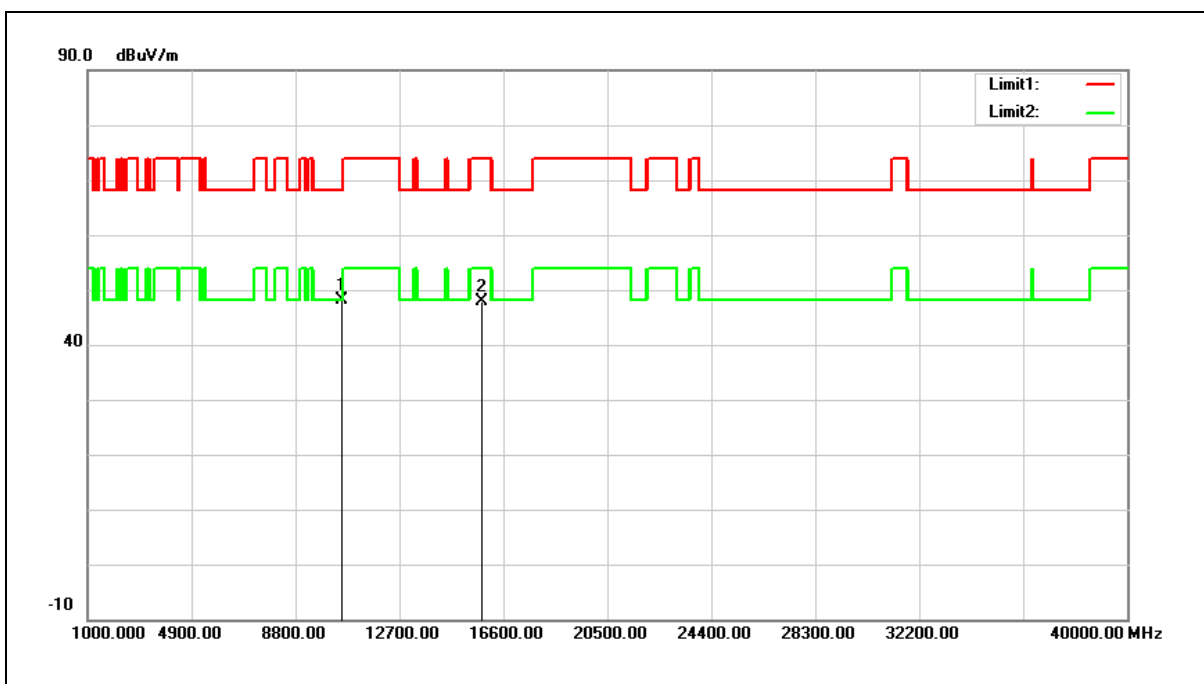
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	35.26	12.06	47.32	68.20	-20.88	peak
2	15780.000	34.03	14.02	48.05	74.00	-25.95	peak

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

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

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

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



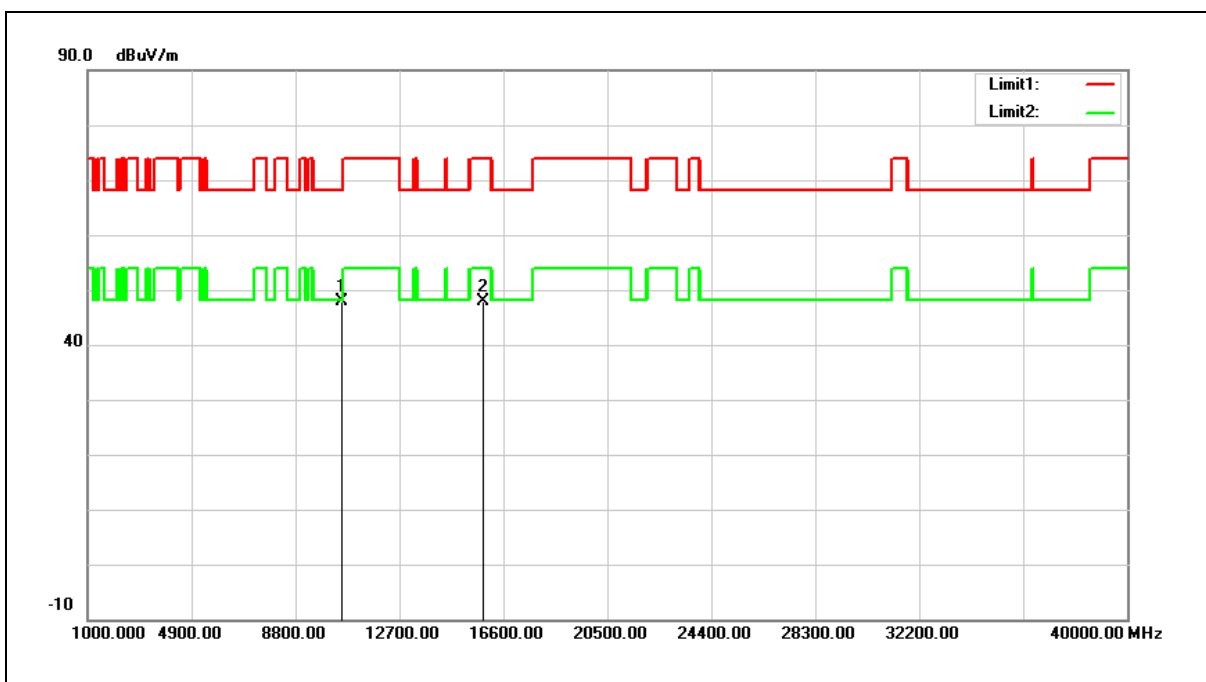
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	36.13	12.06	48.19	68.20	-20.01	peak
2	15780.000	33.93	14.02	47.95	74.00	-26.05	peak

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

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

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

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



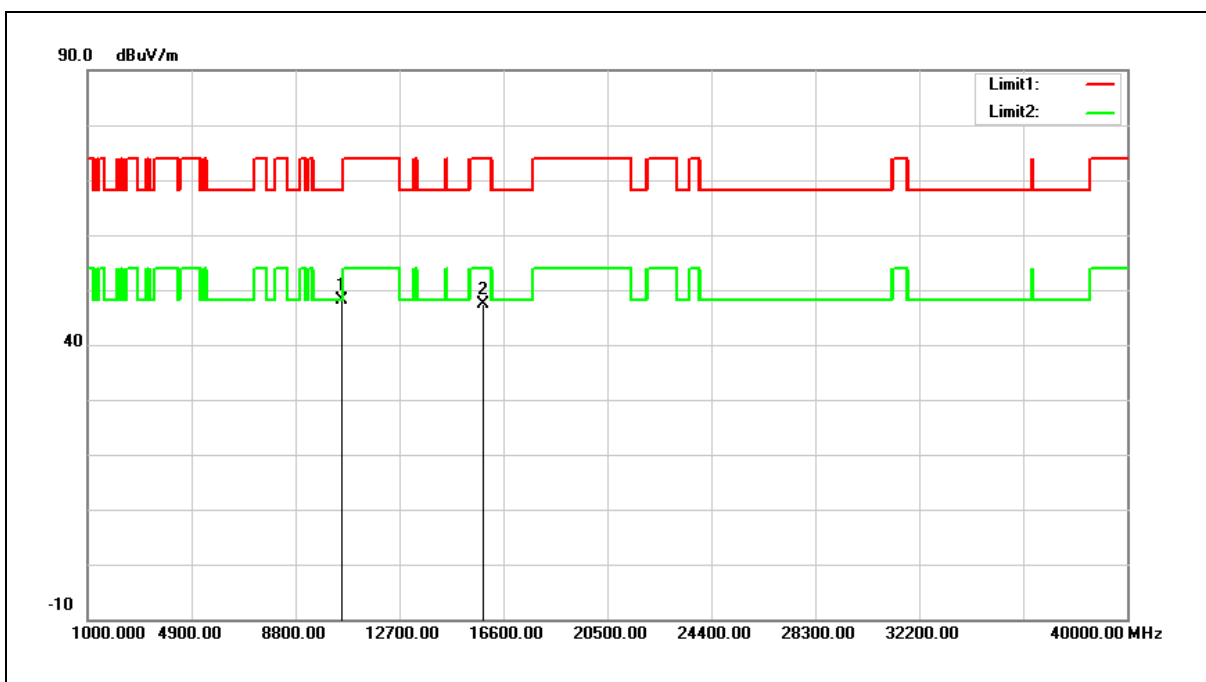
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	35.74	12.09	47.83	68.20	-20.37	peak
2	15840.000	34.08	13.88	47.96	74.00	-26.04	peak

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

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

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

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



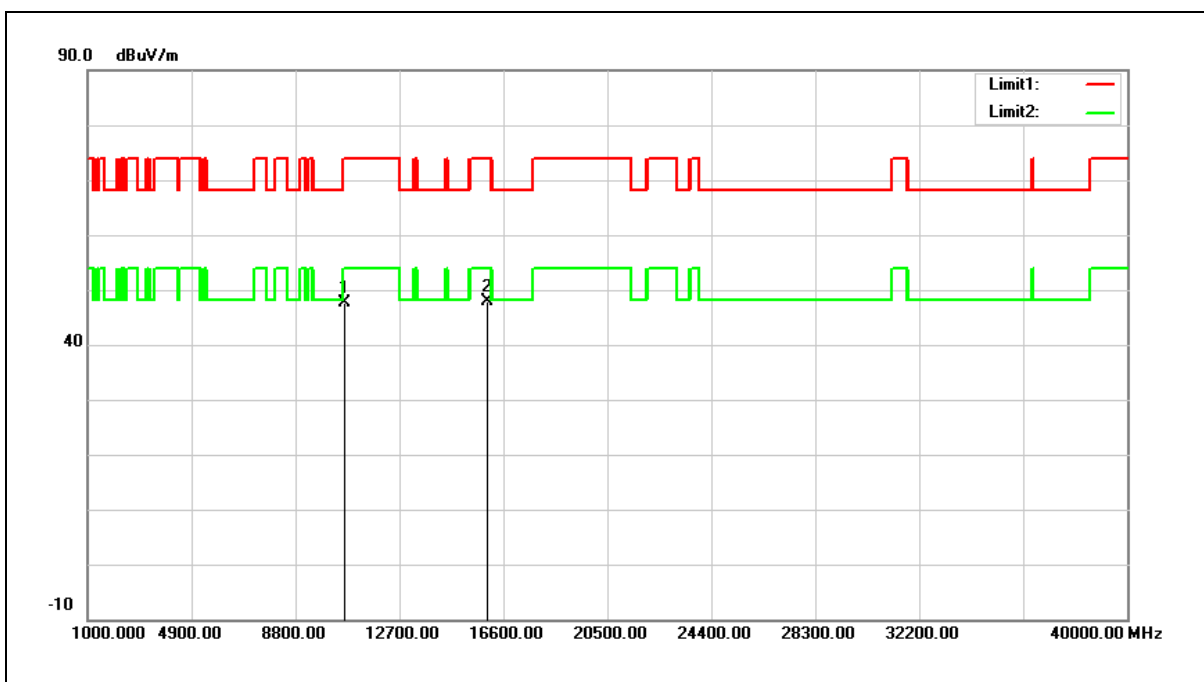
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	36.07	12.09	48.16	68.20	-20.04	peak
2	15840.000	33.59	13.88	47.47	74.00	-26.53	peak

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

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

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

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



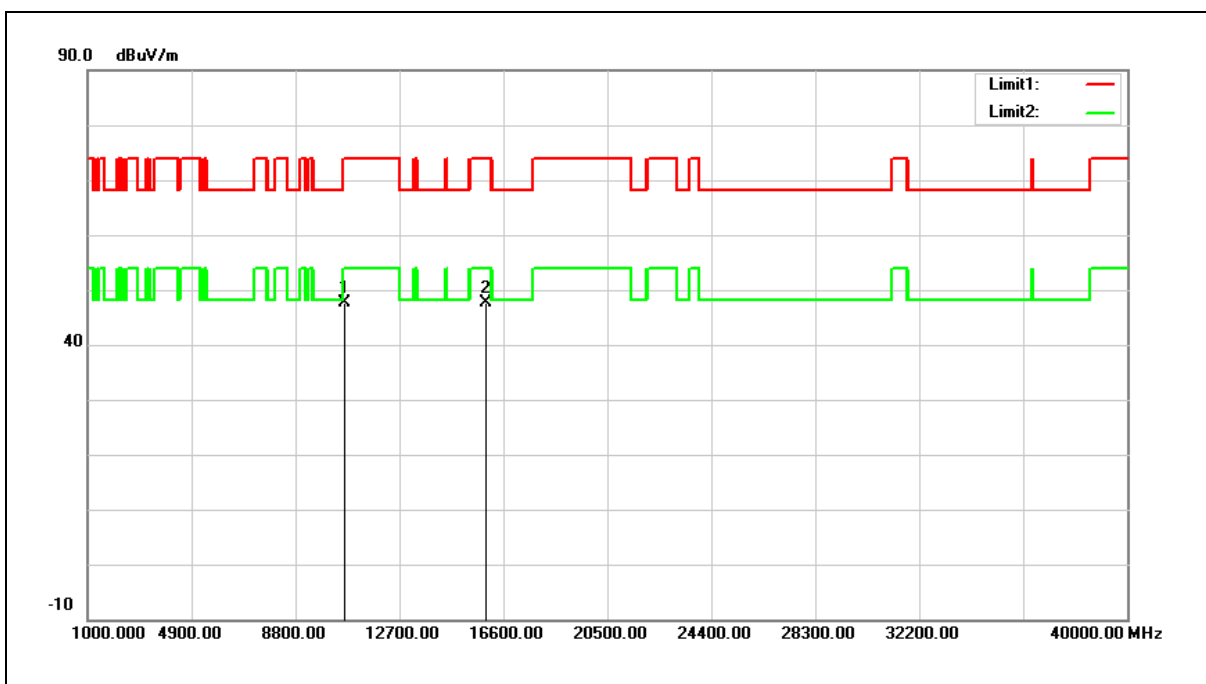
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	35.61	12.14	47.75	74.00	-26.25	peak
2	15960.000	34.35	13.63	47.98	74.00	-26.02	peak

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

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

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

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



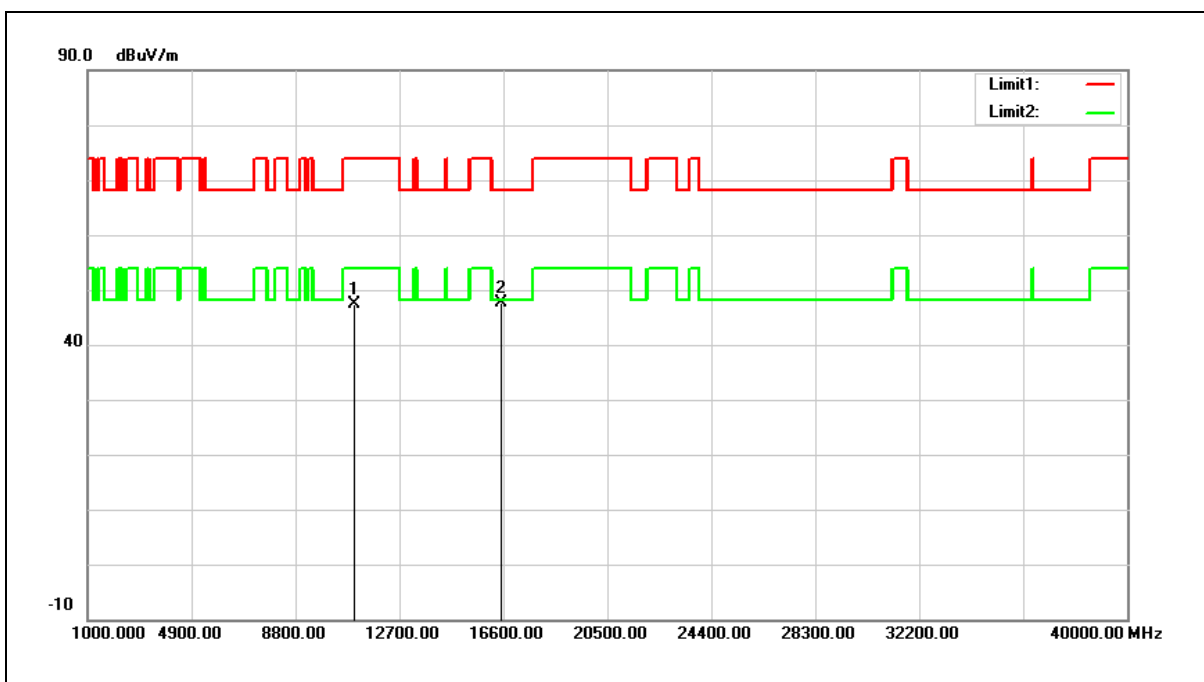
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	35.52	12.14	47.66	74.00	-26.34	peak
2	15960.000	34.04	13.63	47.67	74.00	-26.33	peak

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

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

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

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



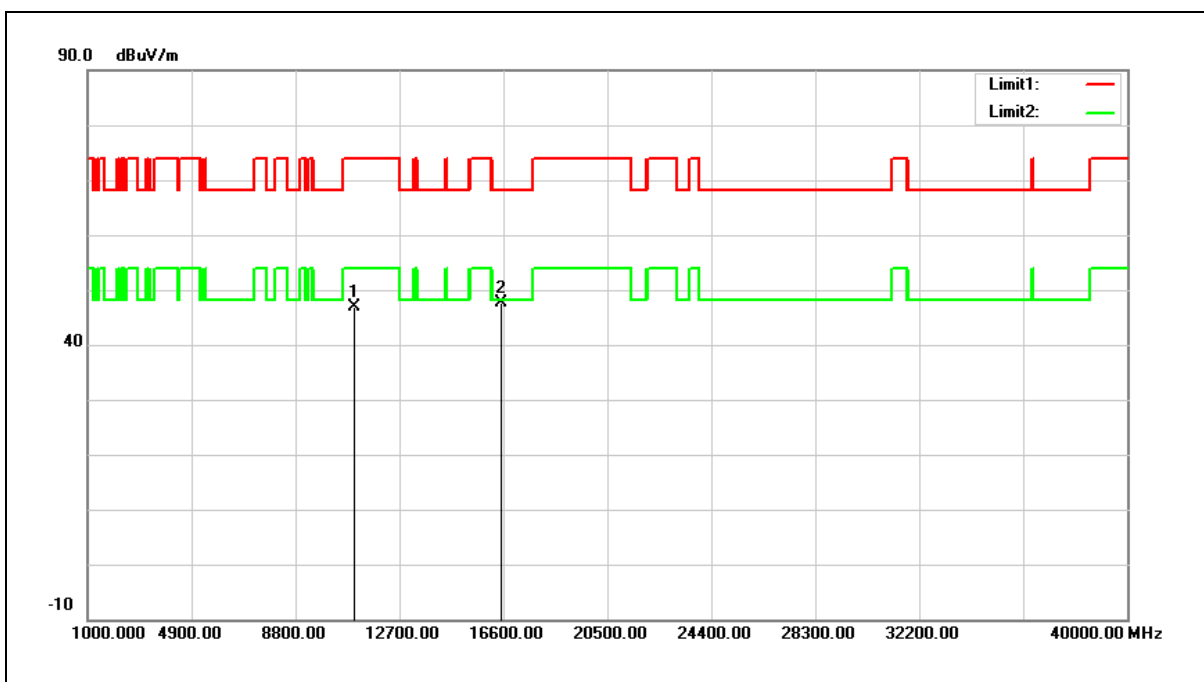
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	35.03	12.39	47.42	74.00	-26.58	peak
2	16500.000	33.30	14.24	47.54	68.20	-20.66	peak

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

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

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

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



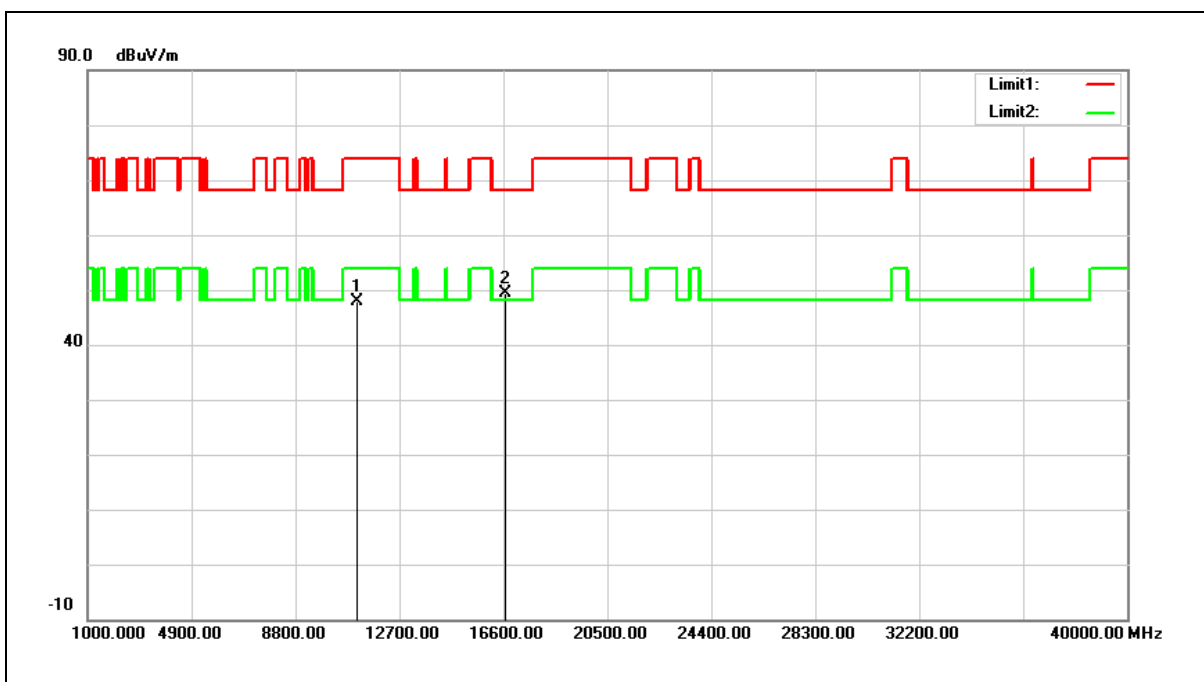
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	34.49	12.39	46.88	74.00	-27.12	peak
2	16500.000	33.43	14.24	47.67	68.20	-20.53	peak

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

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

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

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



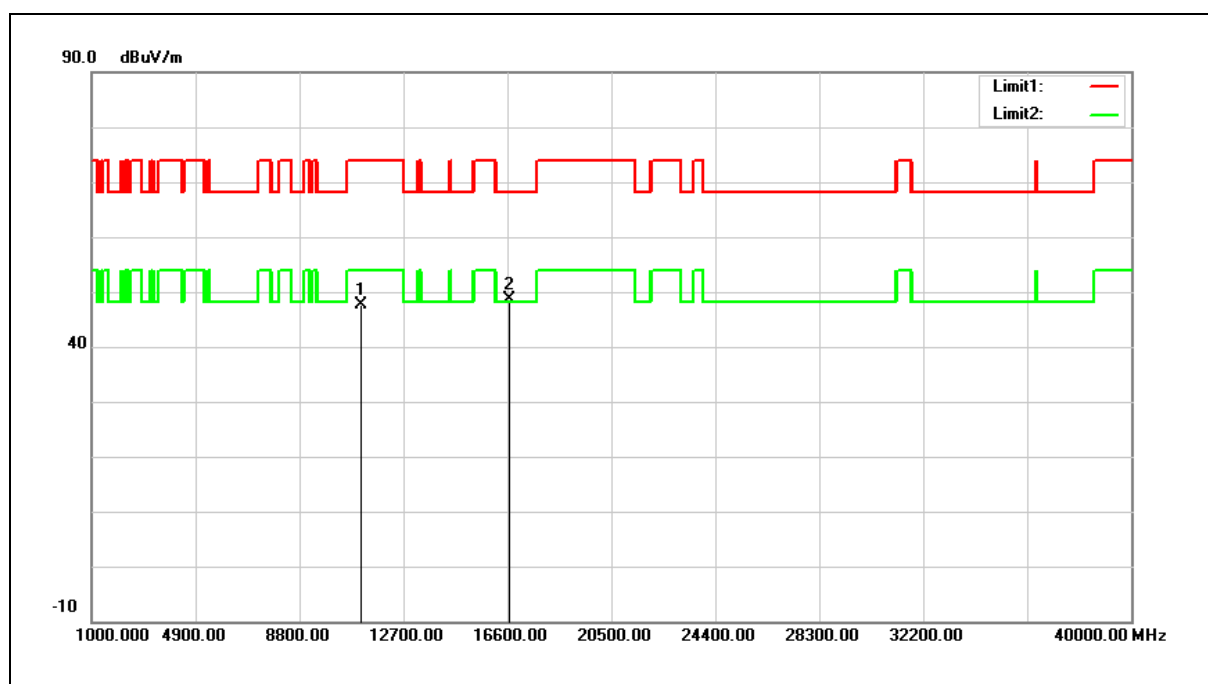
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	35.54	12.46	48.00	74.00	-26.00	peak
2	16680.000	34.15	15.22	49.37	68.20	-18.83	peak

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:	Harmonic		
Frequency:	5560 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



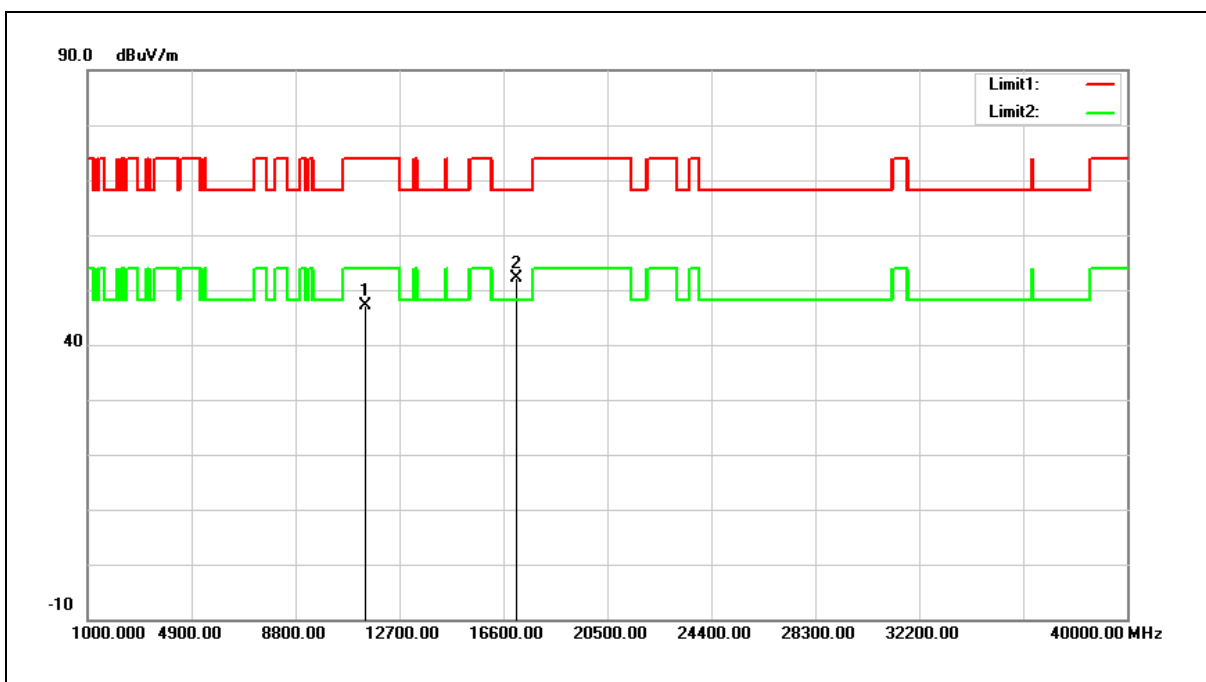
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	35.19	12.46	47.65	74.00	-26.35	peak
2	16680.000	33.42	15.22	48.64	68.20	-19.56	peak

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

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

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

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



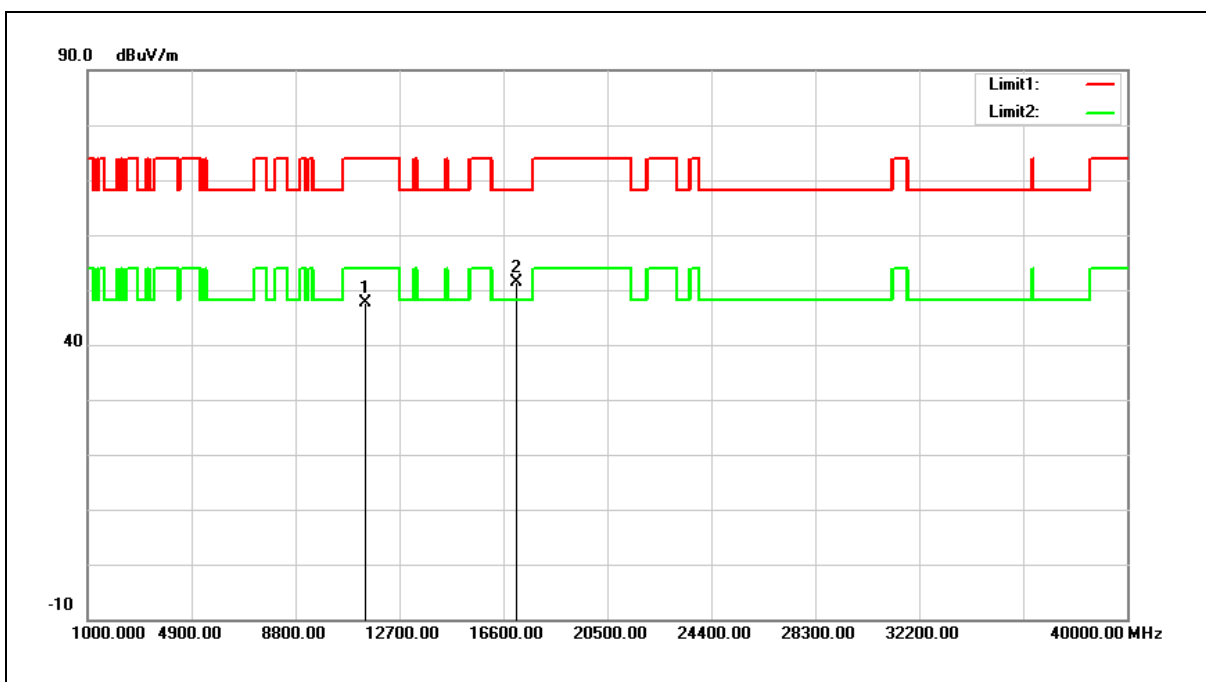
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	34.53	12.63	47.16	74.00	-26.84	peak
2	17100.000	34.61	17.63	52.24	68.20	-15.96	peak

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

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

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

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



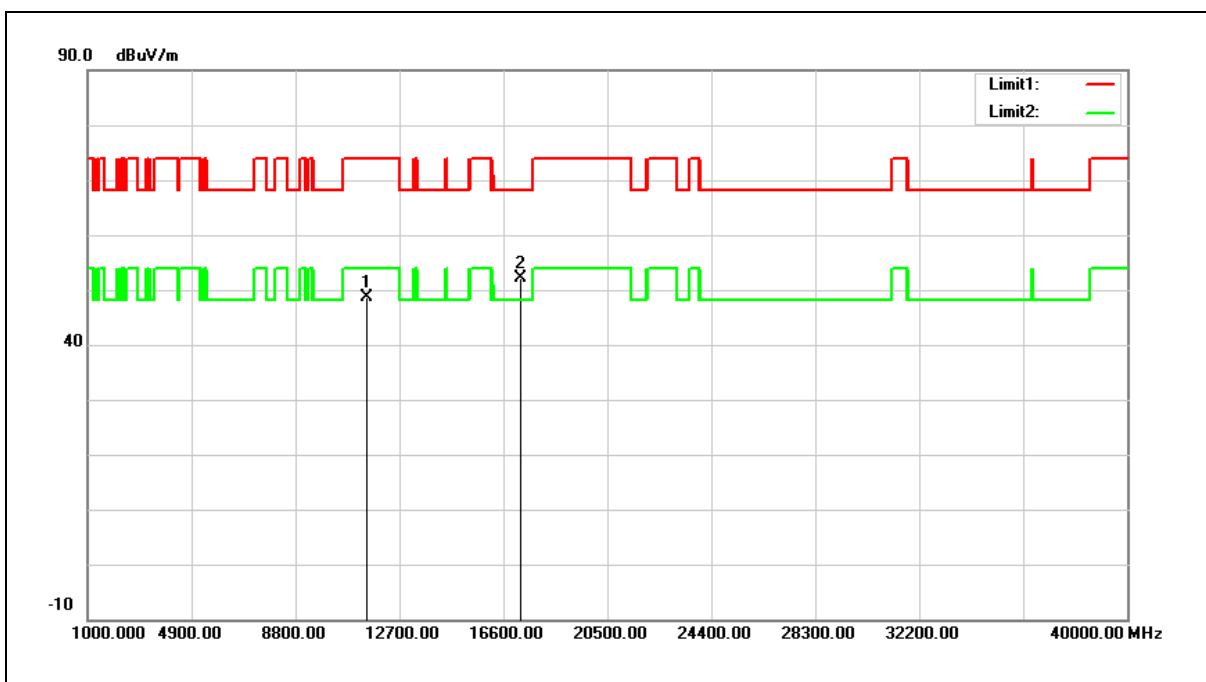
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	34.95	12.63	47.58	74.00	-26.42	peak
2	17100.000	33.82	17.63	51.45	68.20	-16.75	peak

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

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

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

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



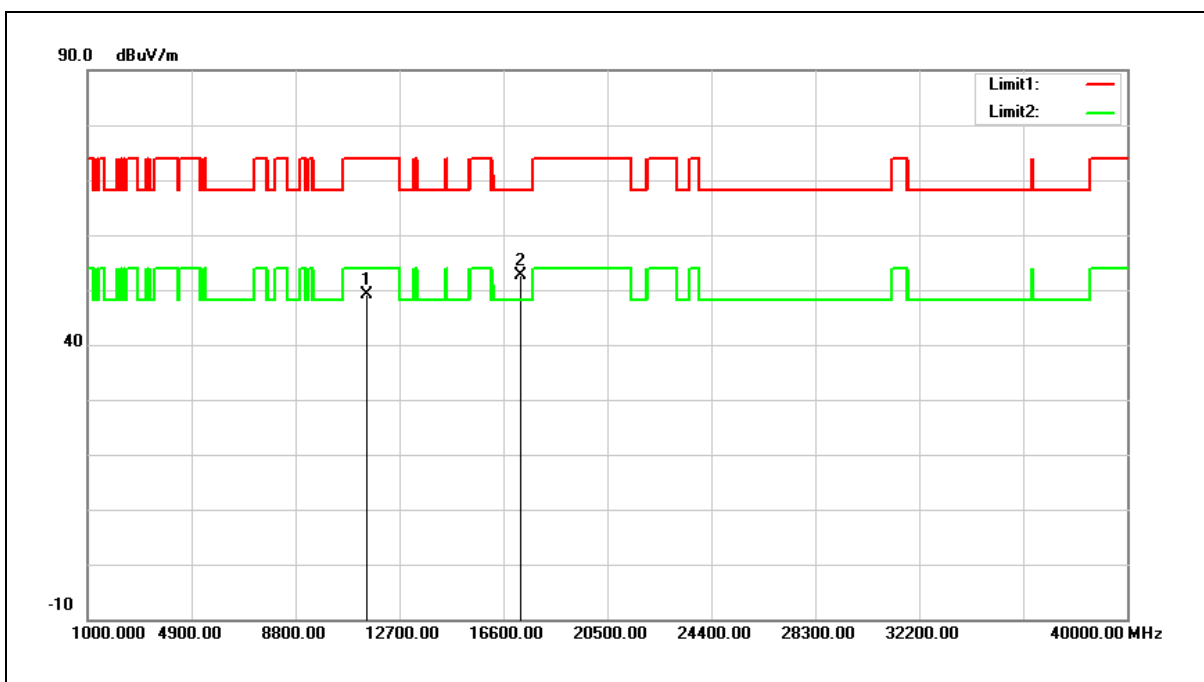
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	35.93	12.68	48.61	74.00	-25.39	peak
2	17235.000	33.62	18.52	52.14	68.20	-16.06	peak

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

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

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

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



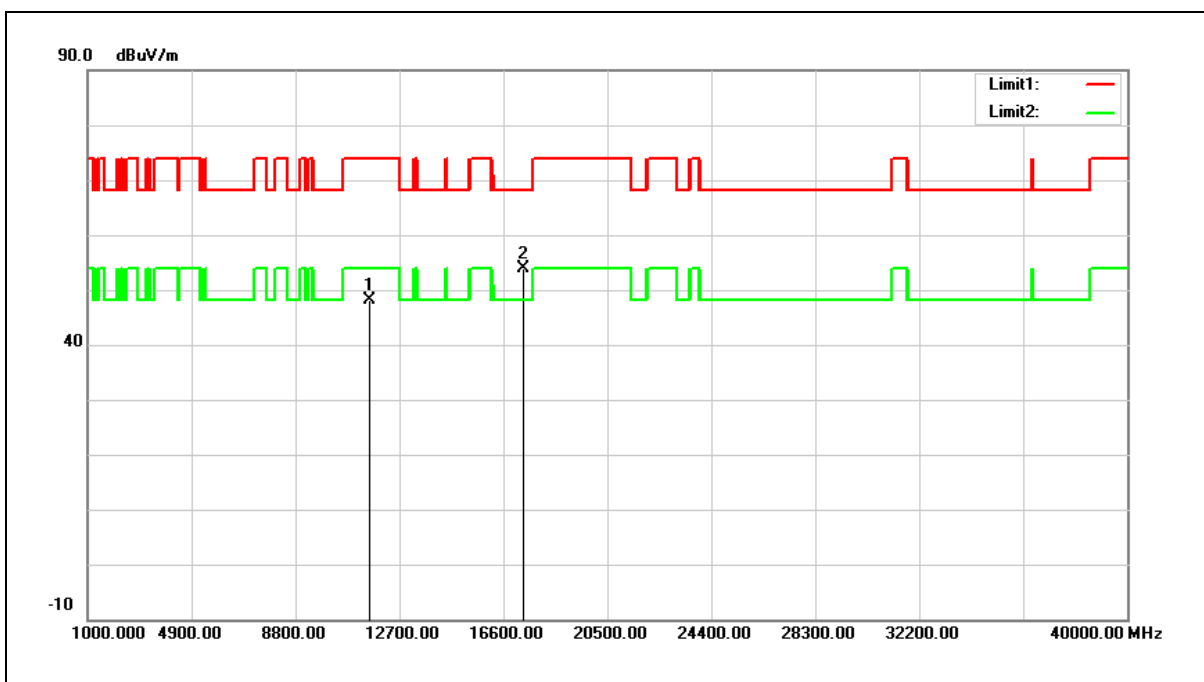
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	36.43	12.68	49.11	74.00	-24.89	peak
2	17235.000	33.99	18.52	52.51	68.20	-15.69	peak

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

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

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

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



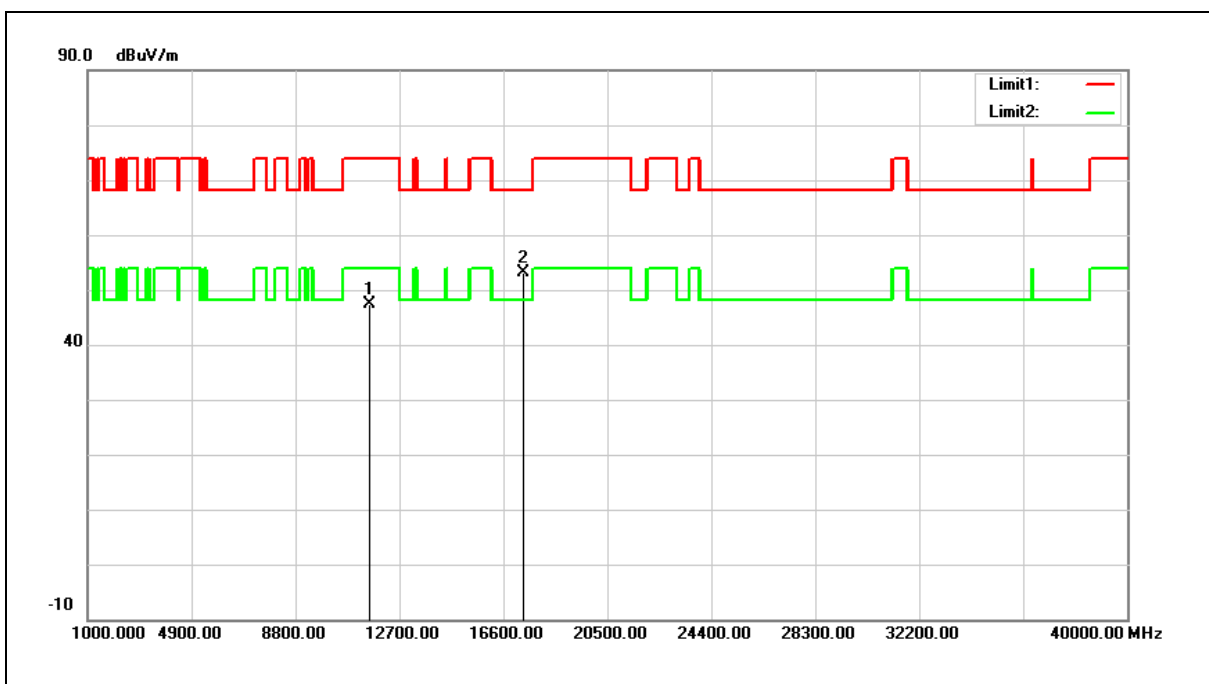
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	35.50	12.59	48.09	74.00	-25.91	peak
2	17355.000	34.62	19.32	53.94	68.20	-14.26	peak

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

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

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

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



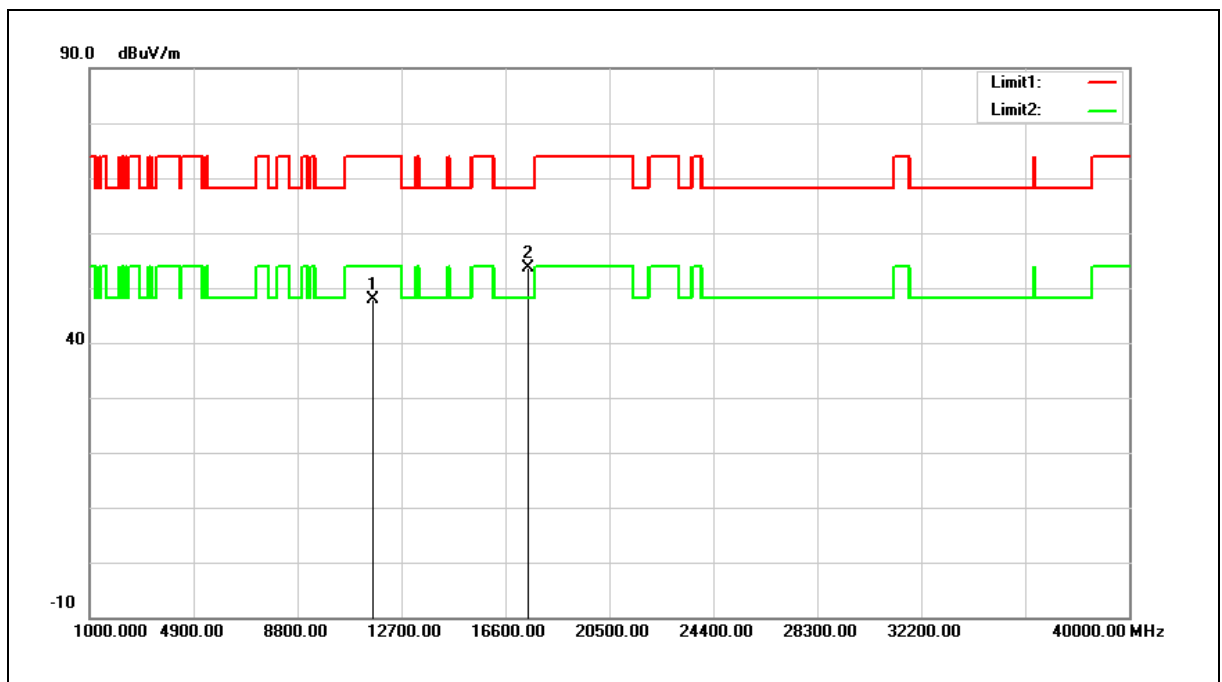
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	34.87	12.59	47.46	74.00	-26.54	peak
2	17355.000	33.92	19.32	53.24	68.20	-14.96	peak

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

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

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

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



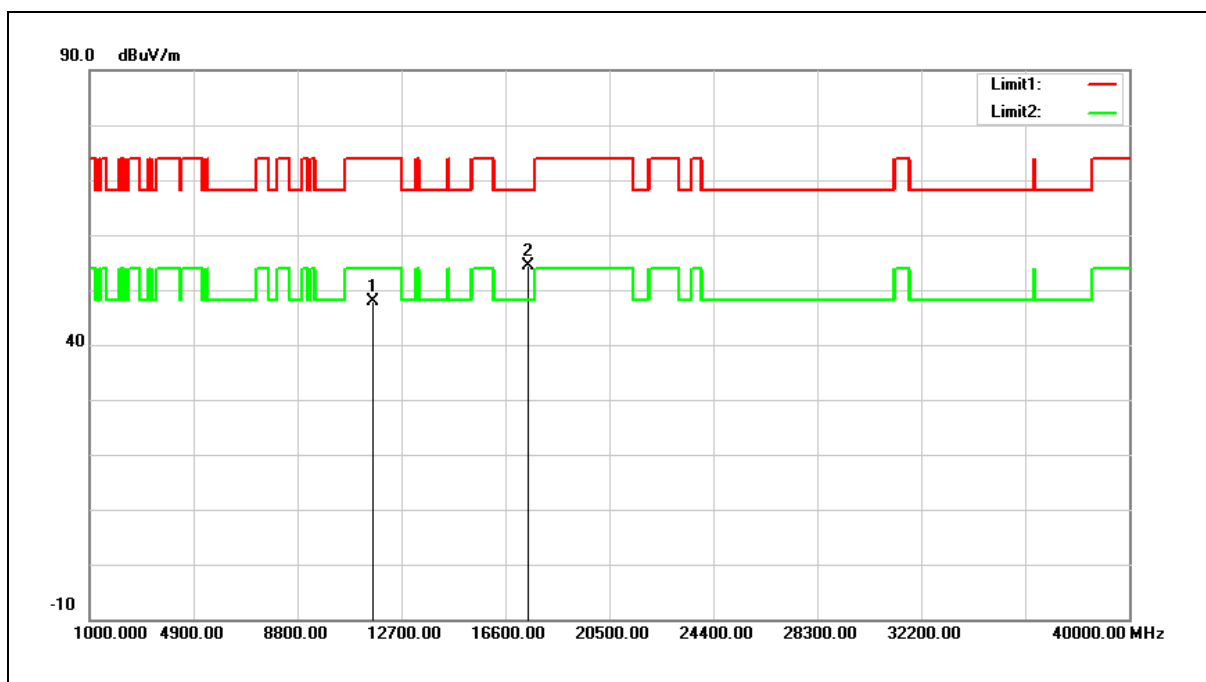
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	35.33	12.48	47.81	74.00	-26.19	peak
2	17475.000	33.39	20.13	53.52	68.20	-14.68	peak

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

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

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

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



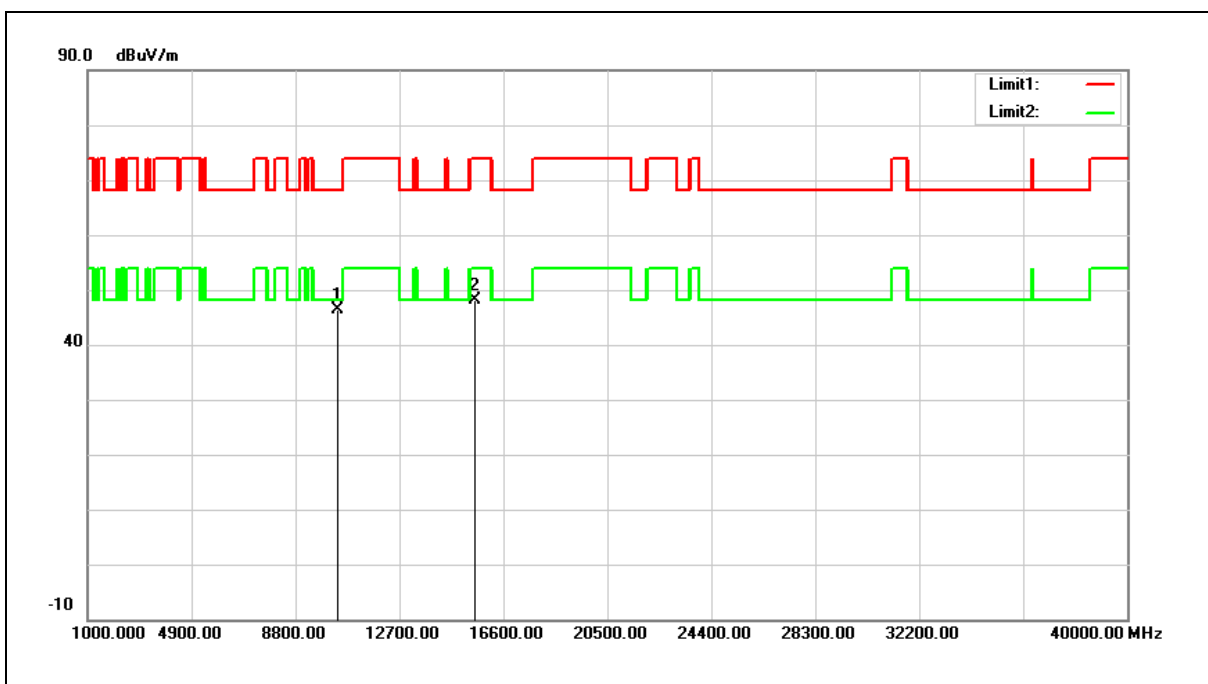
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	35.39	12.48	47.87	74.00	-26.13	peak
2	17475.000	34.36	20.13	54.49	68.20	-13.71	peak

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

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

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

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



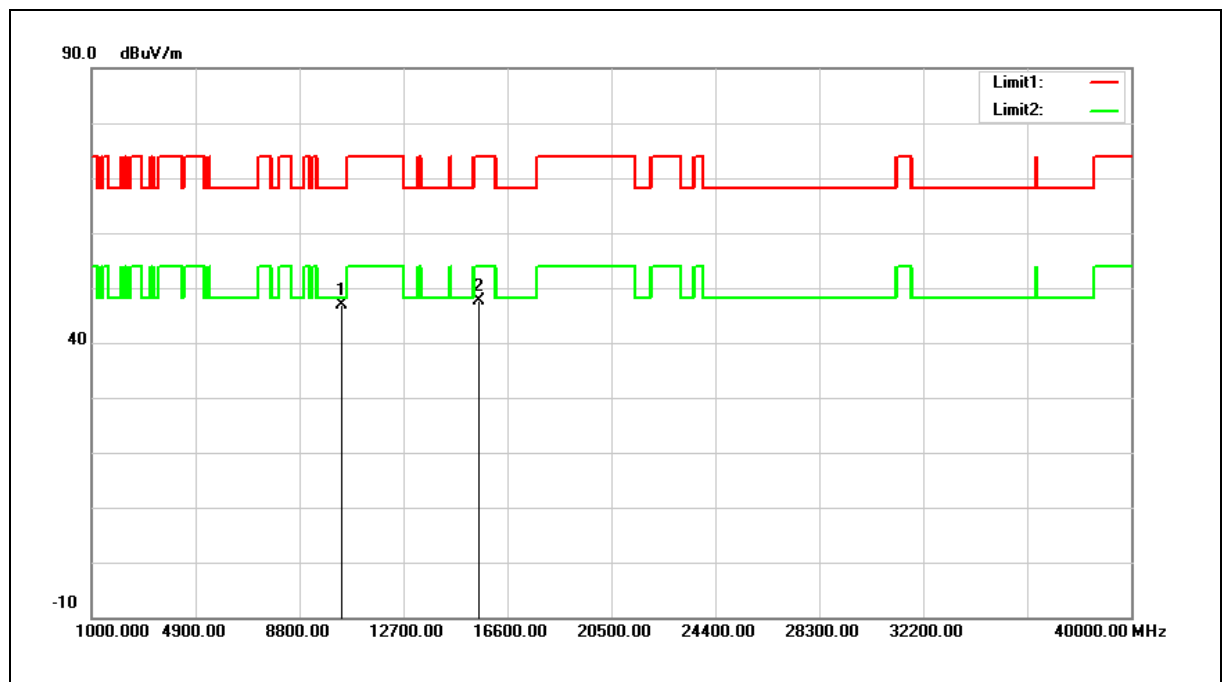
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	34.80	11.69	46.49	68.20	-21.71	peak
2	15540.000	33.57	14.52	48.09	74.00	-25.91	peak

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

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

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

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



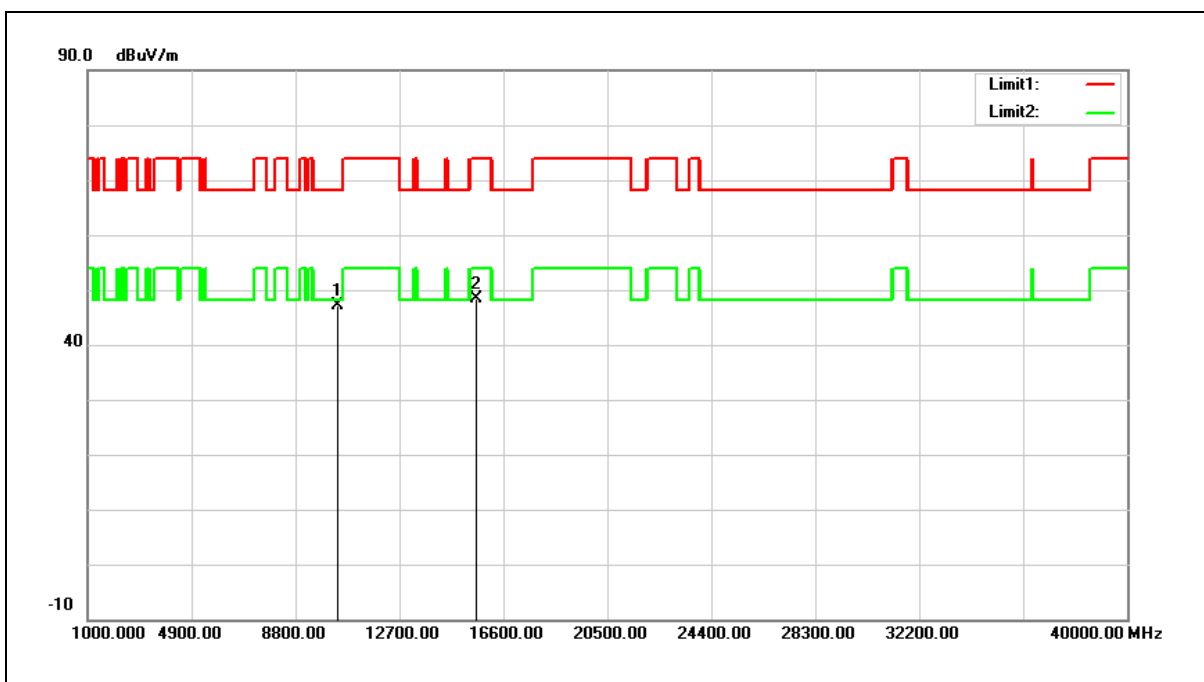
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	35.29	11.69	46.98	68.20	-21.22	peak
2	15540.000	33.08	14.52	47.60	74.00	-26.40	peak

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

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

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

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



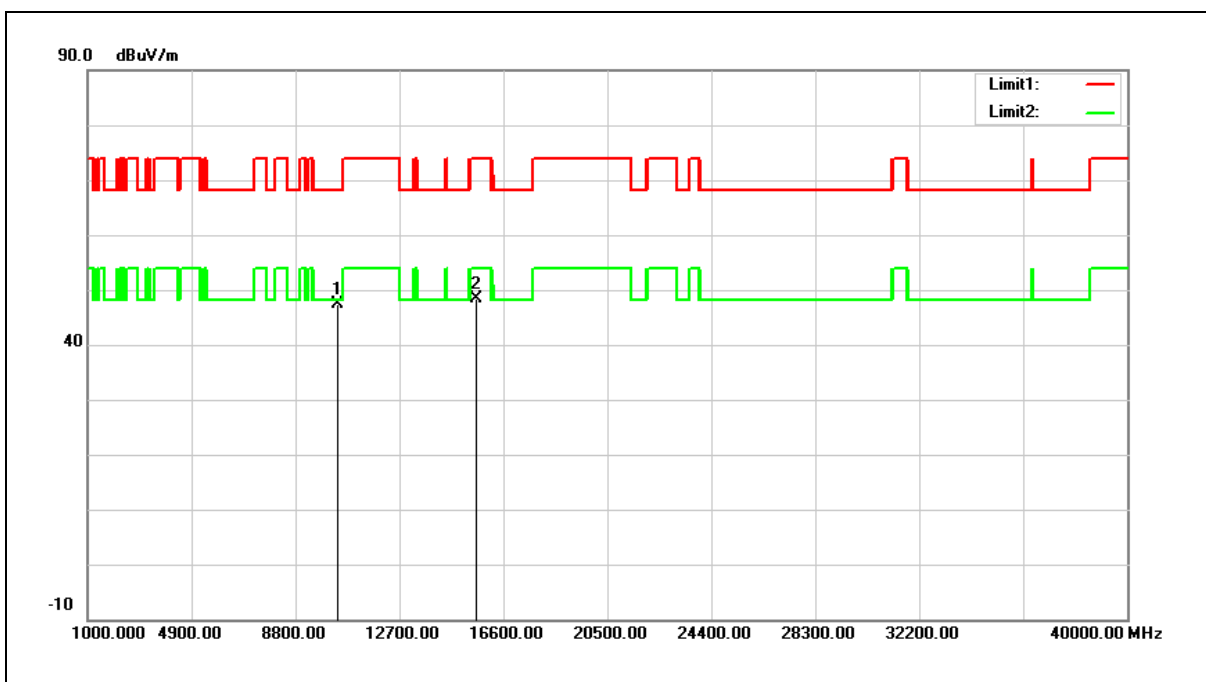
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	35.44	11.79	47.23	68.20	-20.97	peak
2	15600.000	34.01	14.39	48.40	74.00	-25.60	peak

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

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

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

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



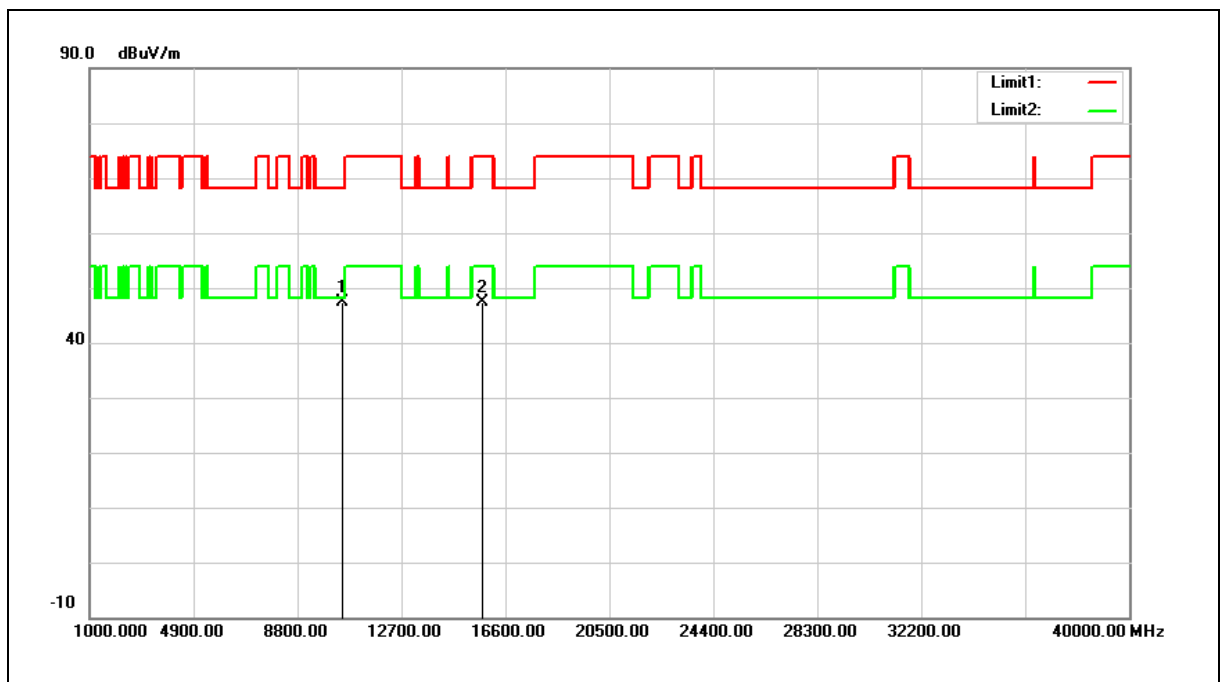
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	35.47	11.79	47.26	68.20	-20.94	peak
2	15600.000	33.89	14.39	48.28	74.00	-25.72	peak

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

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

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

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



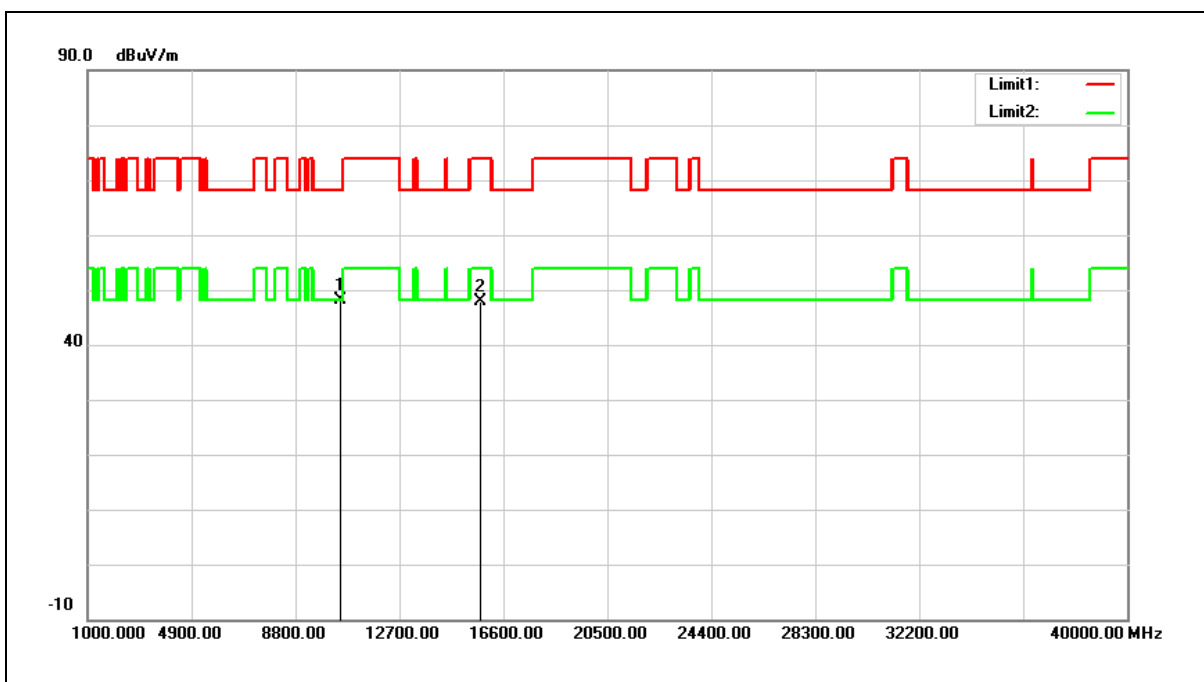
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	35.38	12.00	47.38	68.20	-20.82	peak
2	15720.000	33.35	14.13	47.48	74.00	-26.52	peak

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

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

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

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



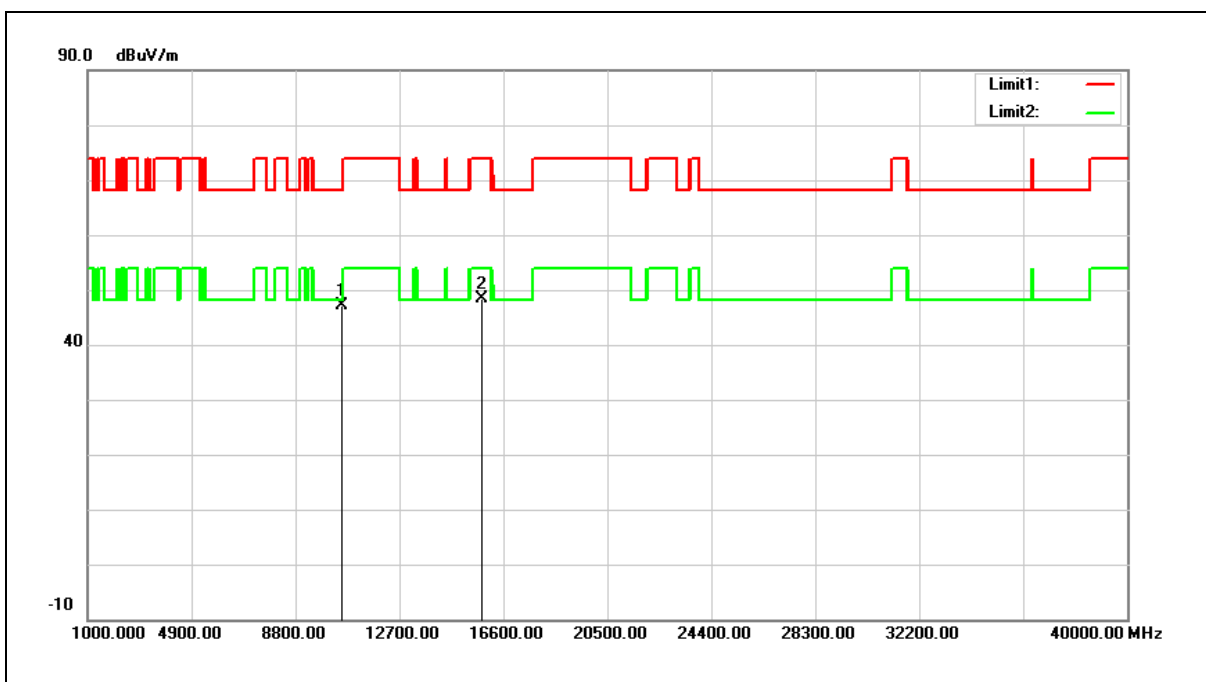
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	36.15	12.00	48.15	68.20	-20.05	peak
2	15720.000	33.75	14.13	47.88	74.00	-26.12	peak

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

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

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

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



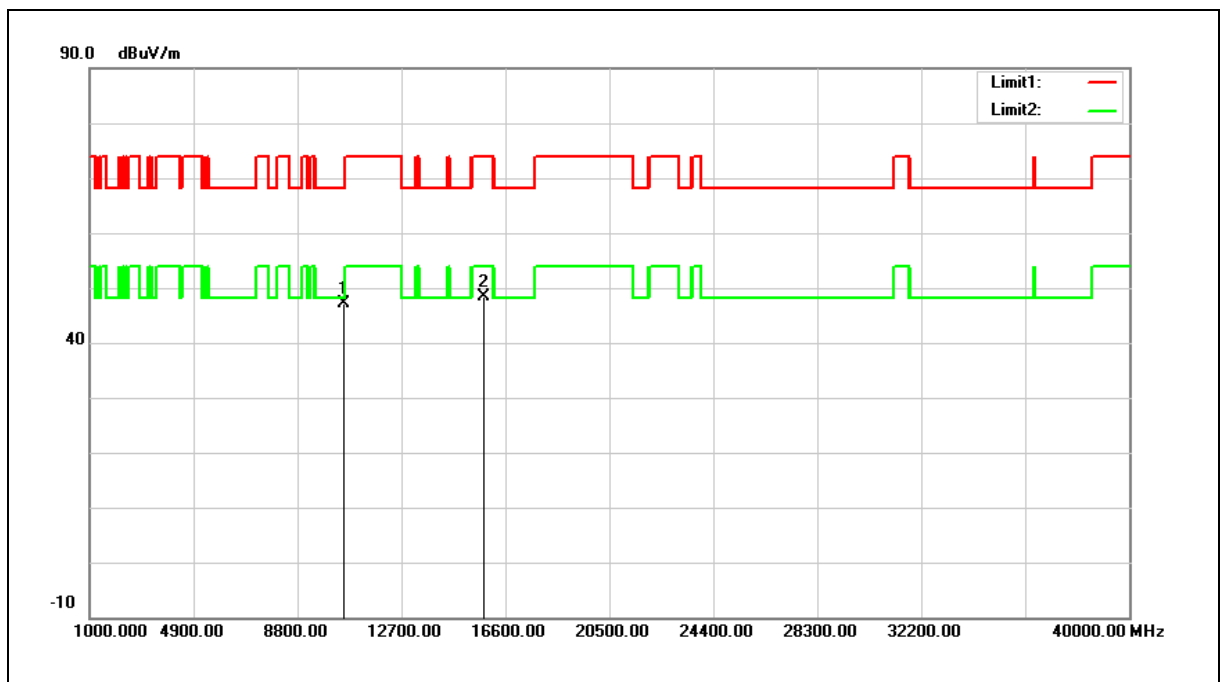
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	35.09	12.06	47.15	68.20	-21.05	peak
2	15780.000	34.24	14.02	48.26	74.00	-25.74	peak

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

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

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

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



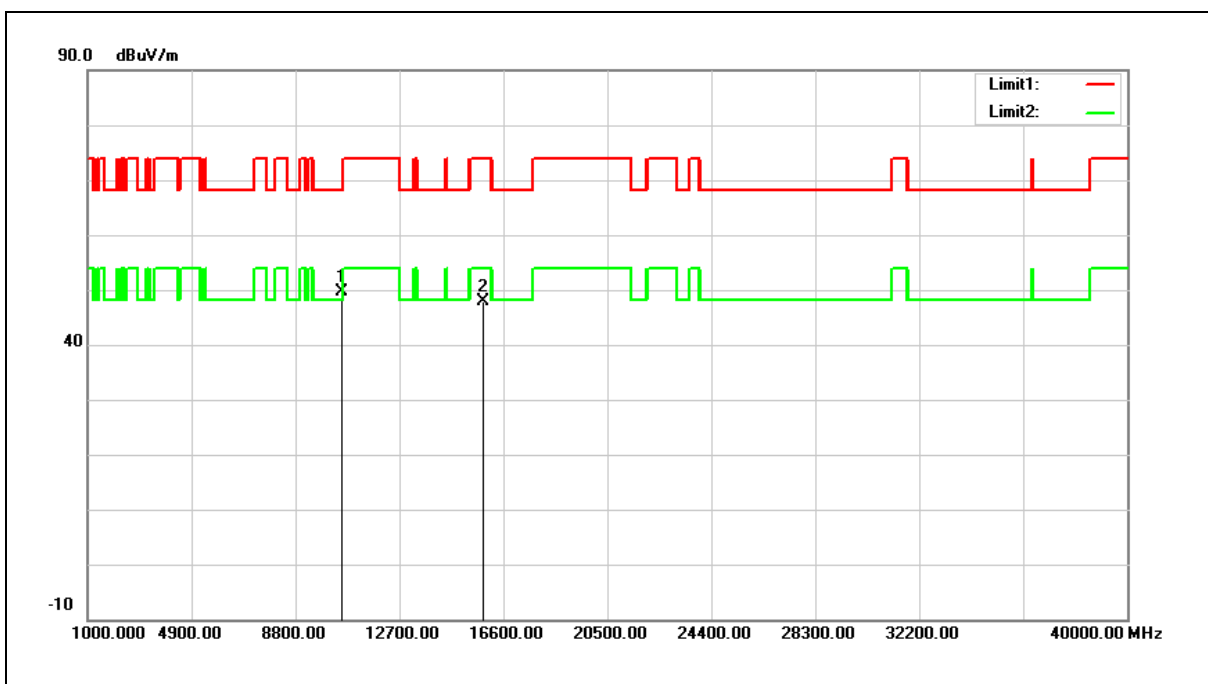
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	35.18	12.06	47.24	68.20	-20.96	peak
2	15780.000	34.45	14.02	48.47	74.00	-25.53	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



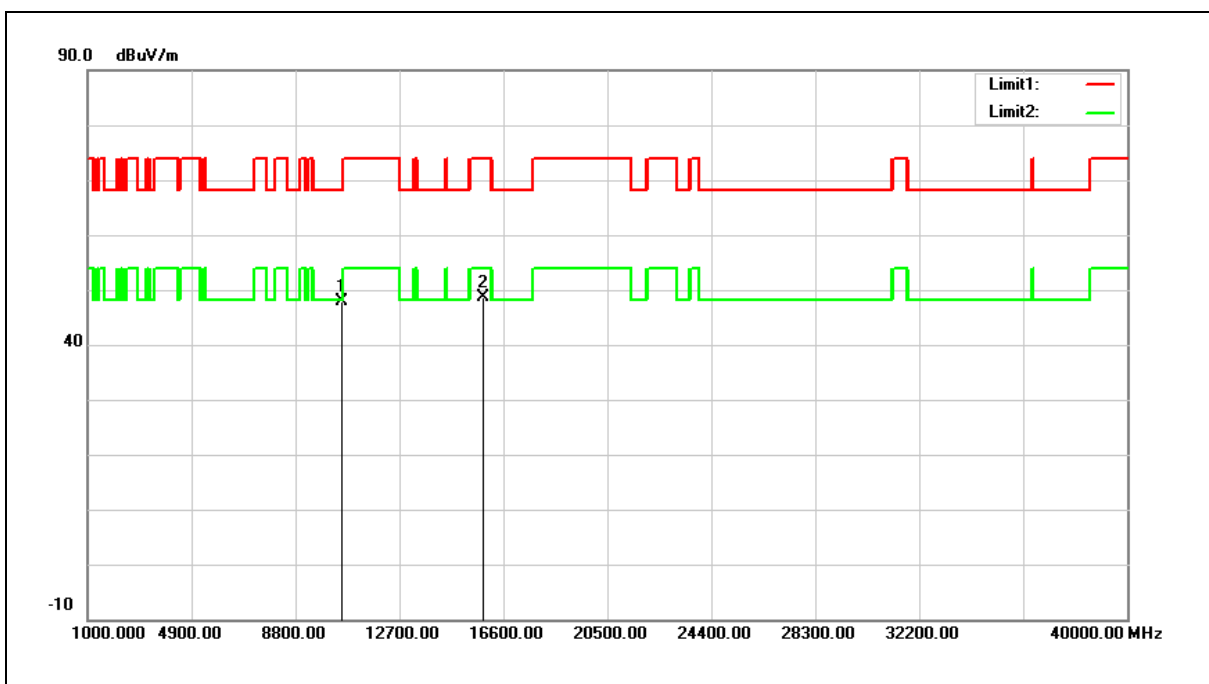
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	37.54	12.09	49.63	68.20	-18.57	peak
2	15840.000	34.01	13.88	47.89	74.00	-26.11	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



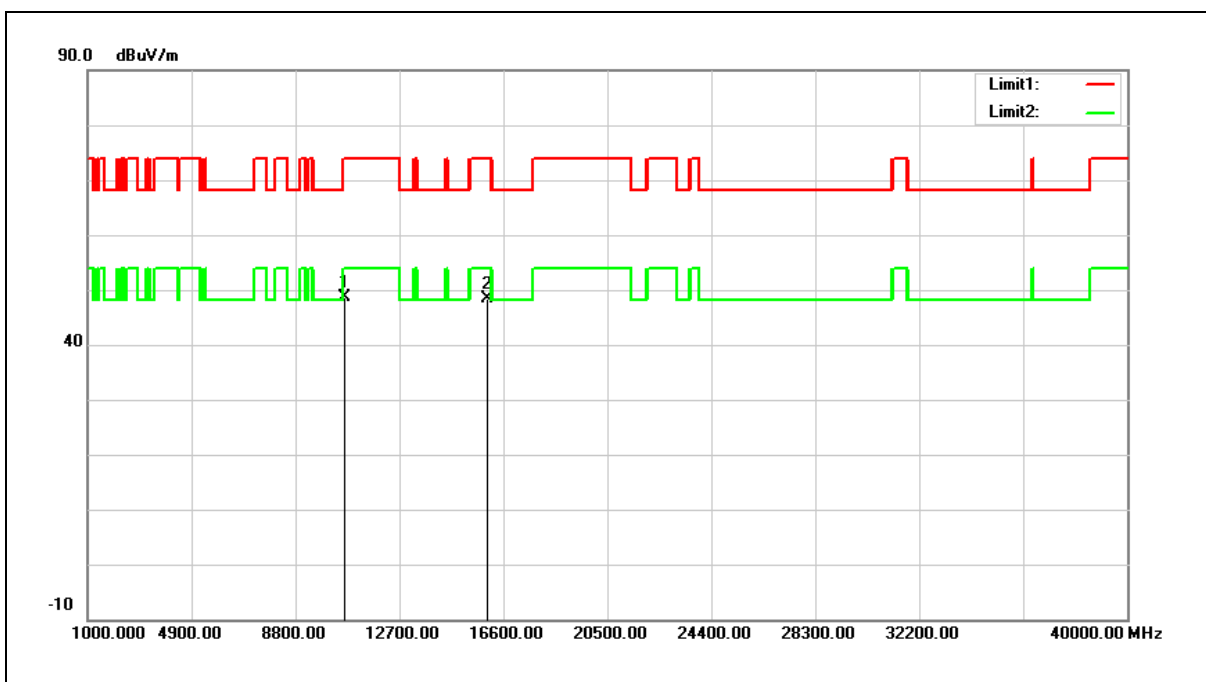
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	35.90	12.09	47.99	68.20	-20.21	peak
2	15840.000	34.64	13.88	48.52	74.00	-25.48	peak

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

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

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

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



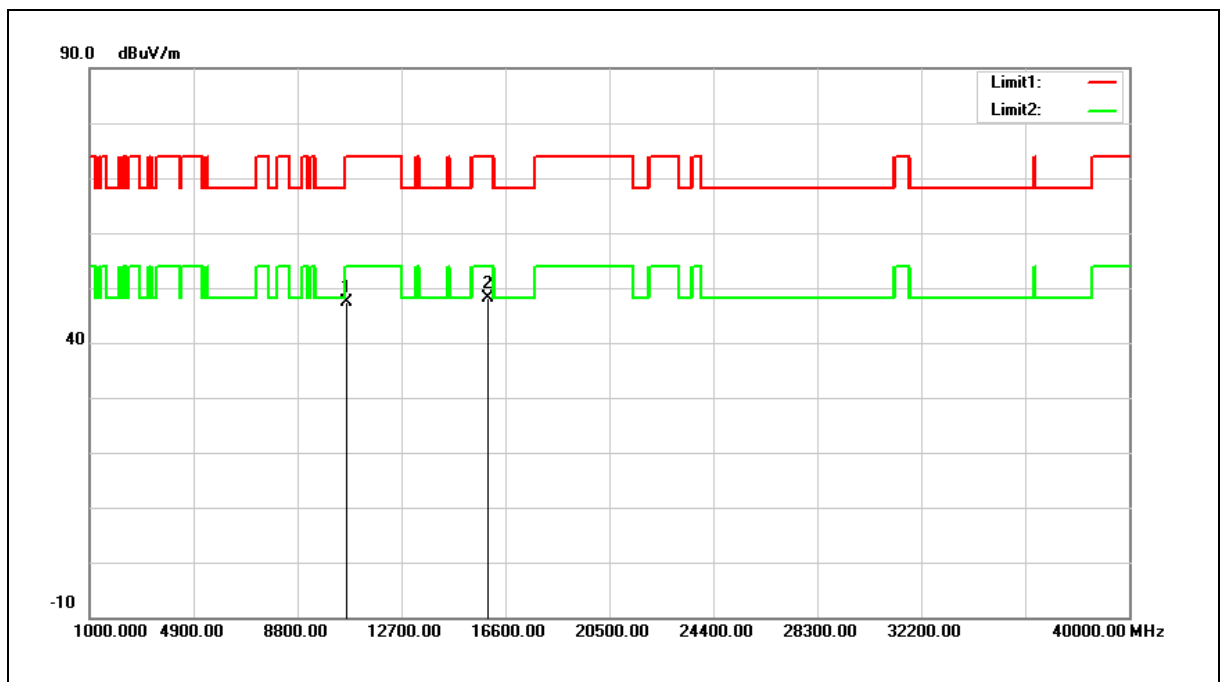
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	36.51	12.14	48.65	74.00	-25.35	peak
2	15960.000	34.75	13.63	48.38	74.00	-25.62	peak

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



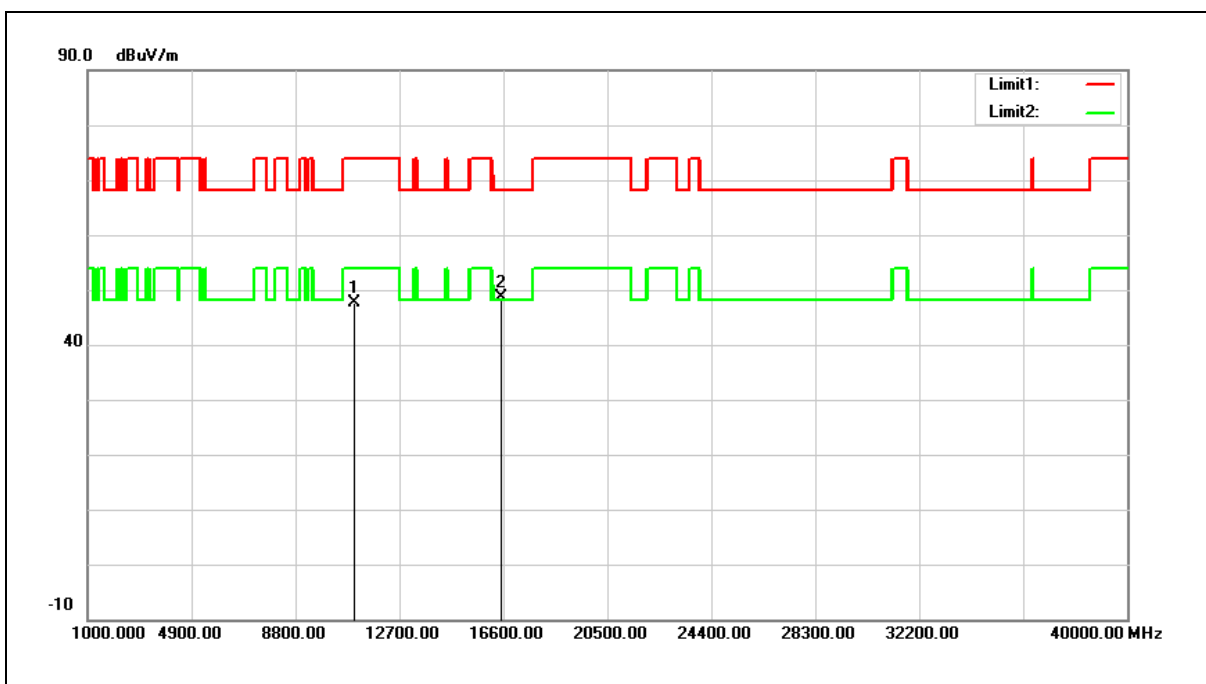
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	35.35	12.14	47.49	74.00	-26.51	peak
2	15960.000	34.61	13.63	48.24	74.00	-25.76	peak

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

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

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

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



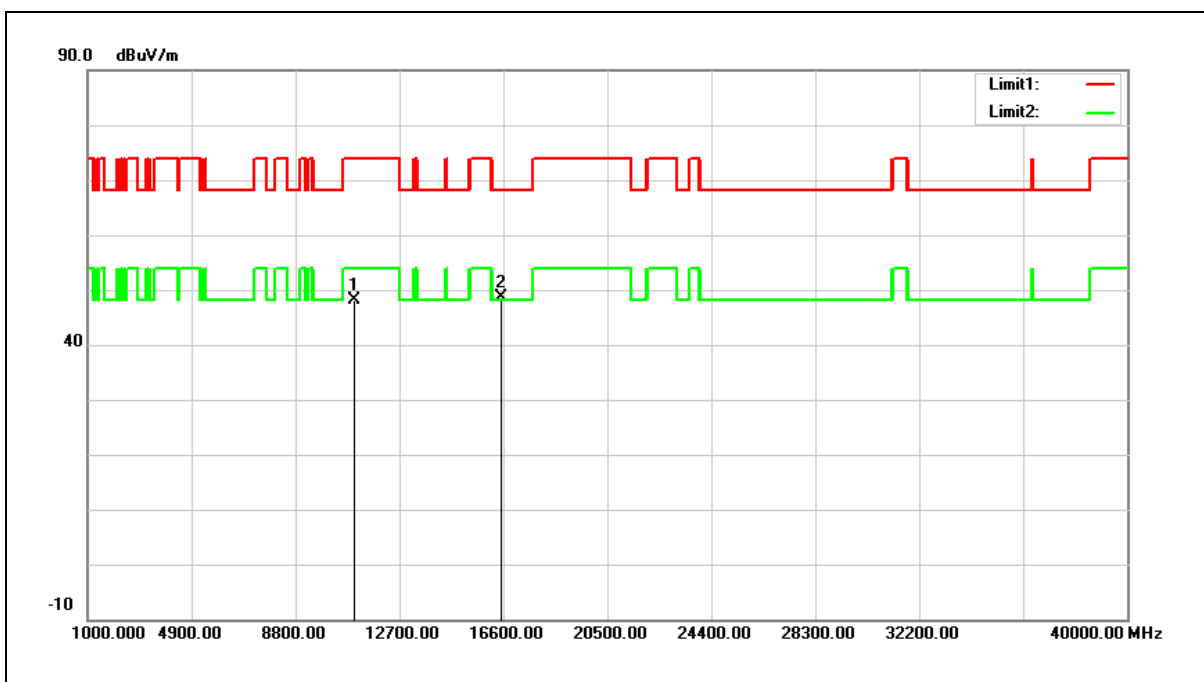
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	35.12	12.39	47.51	74.00	-26.49	peak
2	16500.000	34.48	14.24	48.72	68.20	-19.48	peak

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

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

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

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



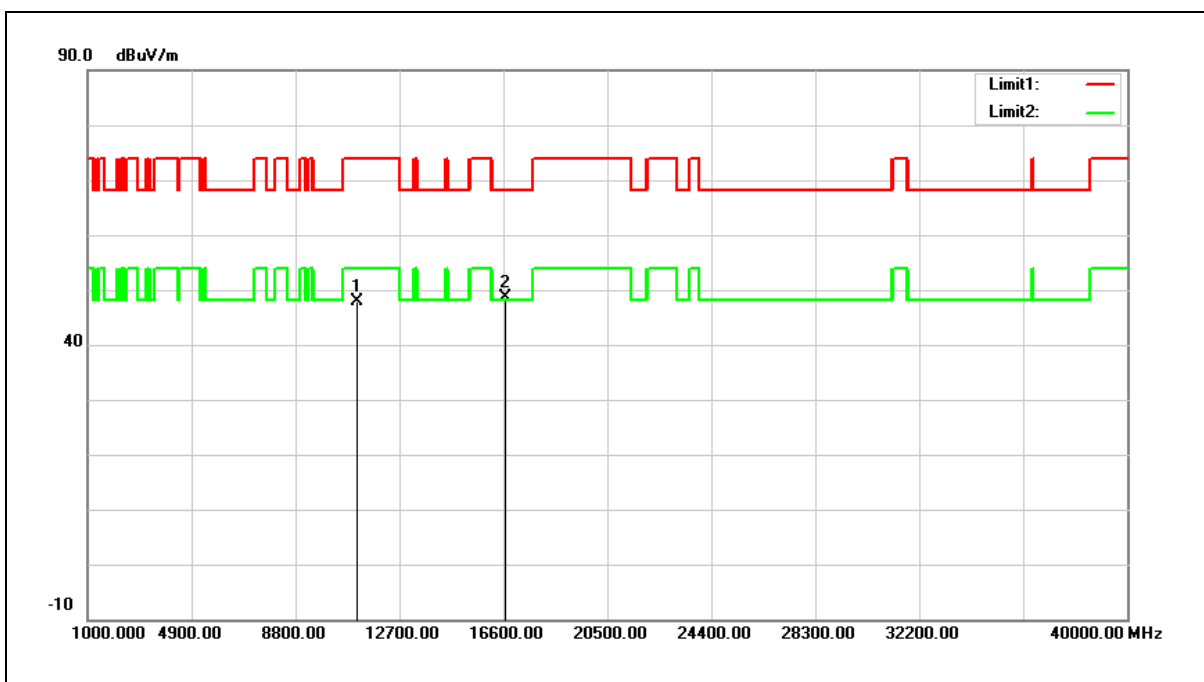
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	35.67	12.39	48.06	74.00	-25.94	peak
2	16500.000	34.28	14.24	48.52	68.20	-19.68	peak

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

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

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

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



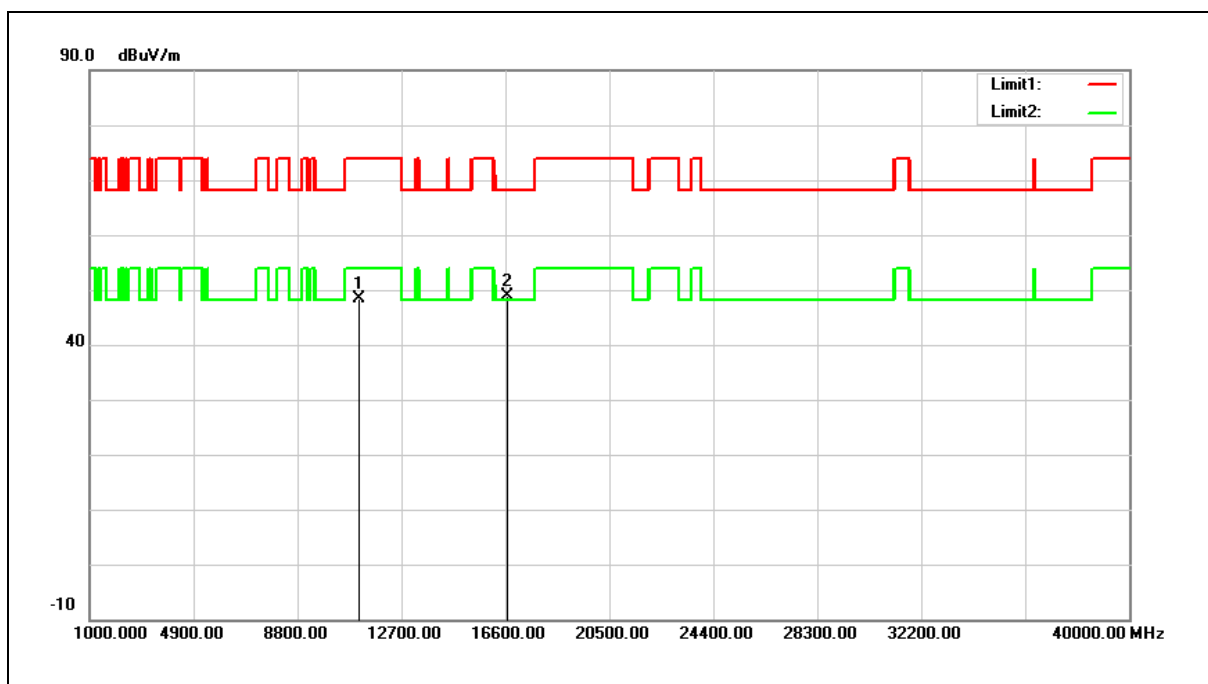
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	35.53	12.46	47.99	74.00	-26.01	peak
2	16680.000	33.33	15.22	48.55	68.20	-19.65	peak

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

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

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

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



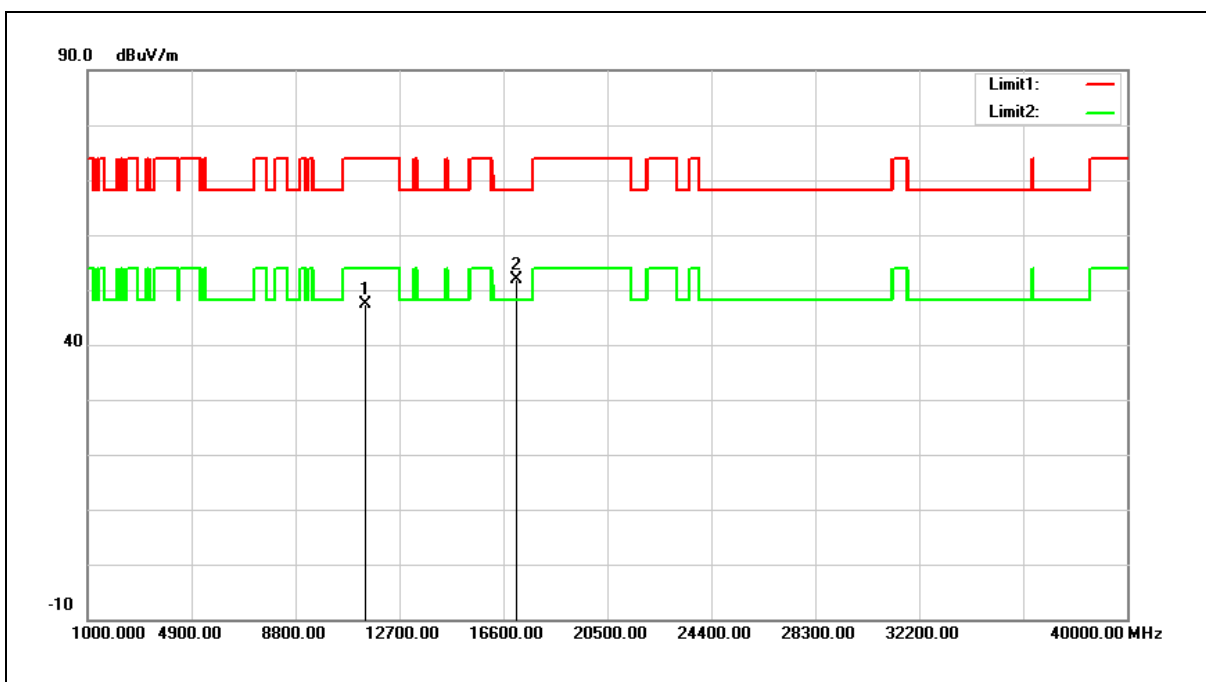
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	35.82	12.46	48.28	74.00	-25.72	peak
2	16680.000	33.75	15.22	48.97	68.20	-19.23	peak

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:	5700 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



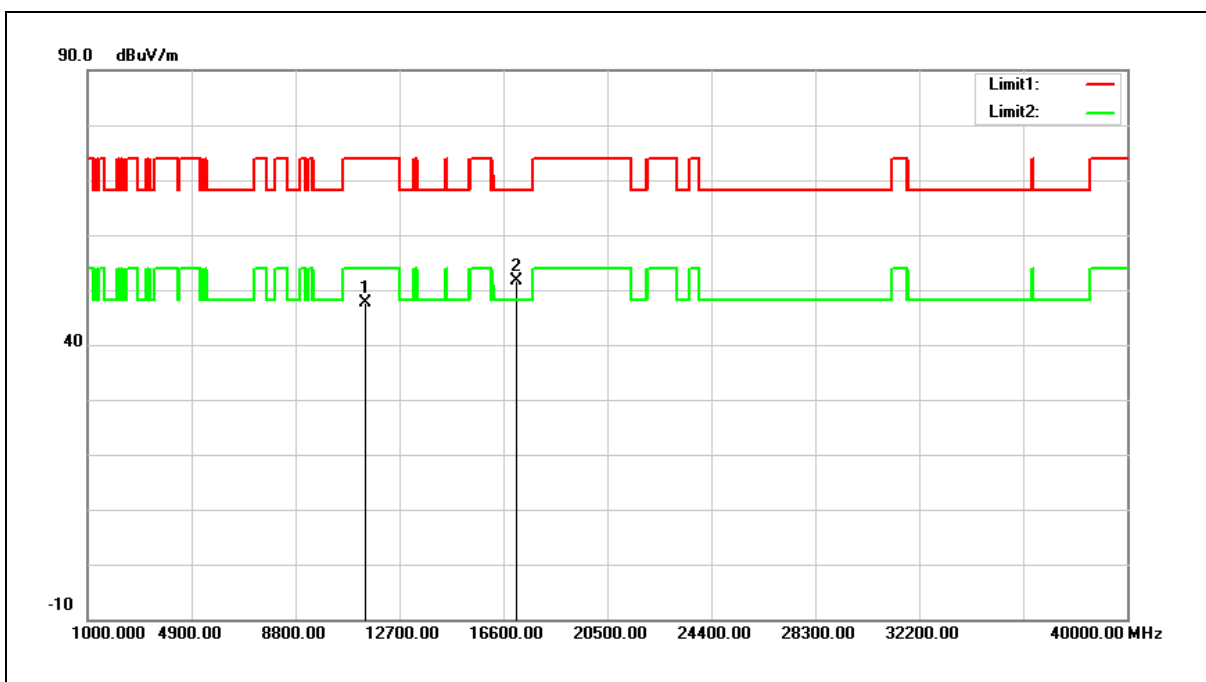
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	34.72	12.63	47.35	74.00	-26.65	peak
2	17100.000	34.21	17.63	51.84	68.20	-16.36	peak

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

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

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

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



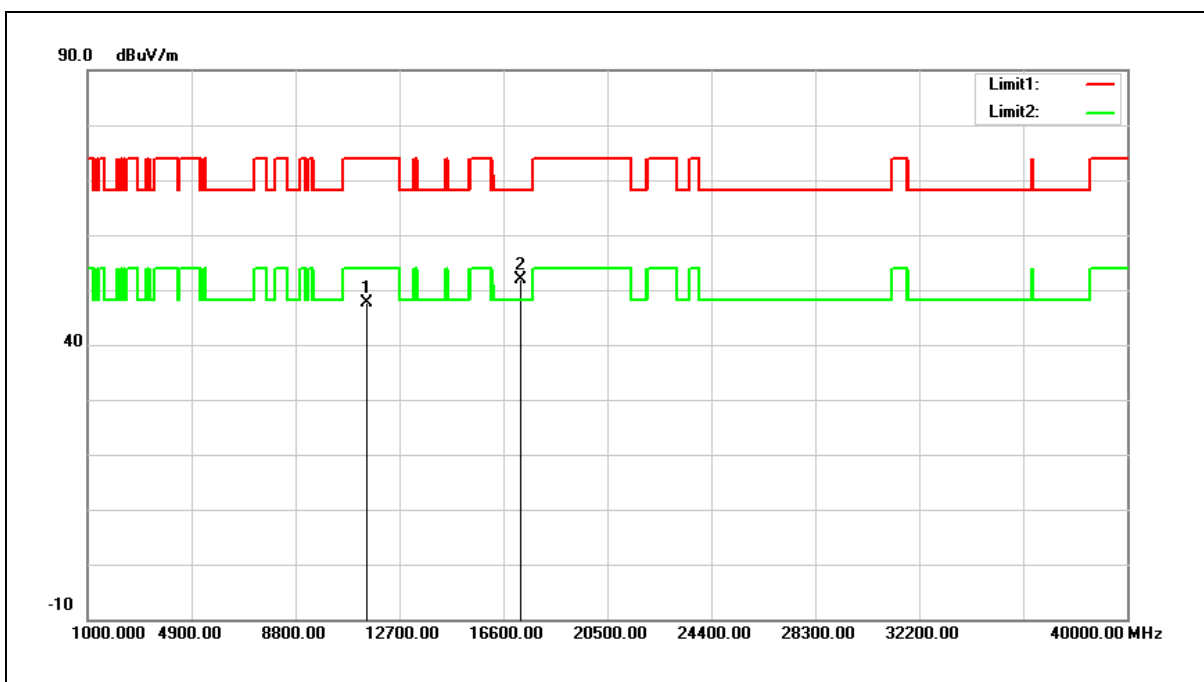
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	35.03	12.63	47.66	74.00	-26.34	peak
2	17100.000	33.97	17.63	51.60	68.20	-16.60	peak

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

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

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

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



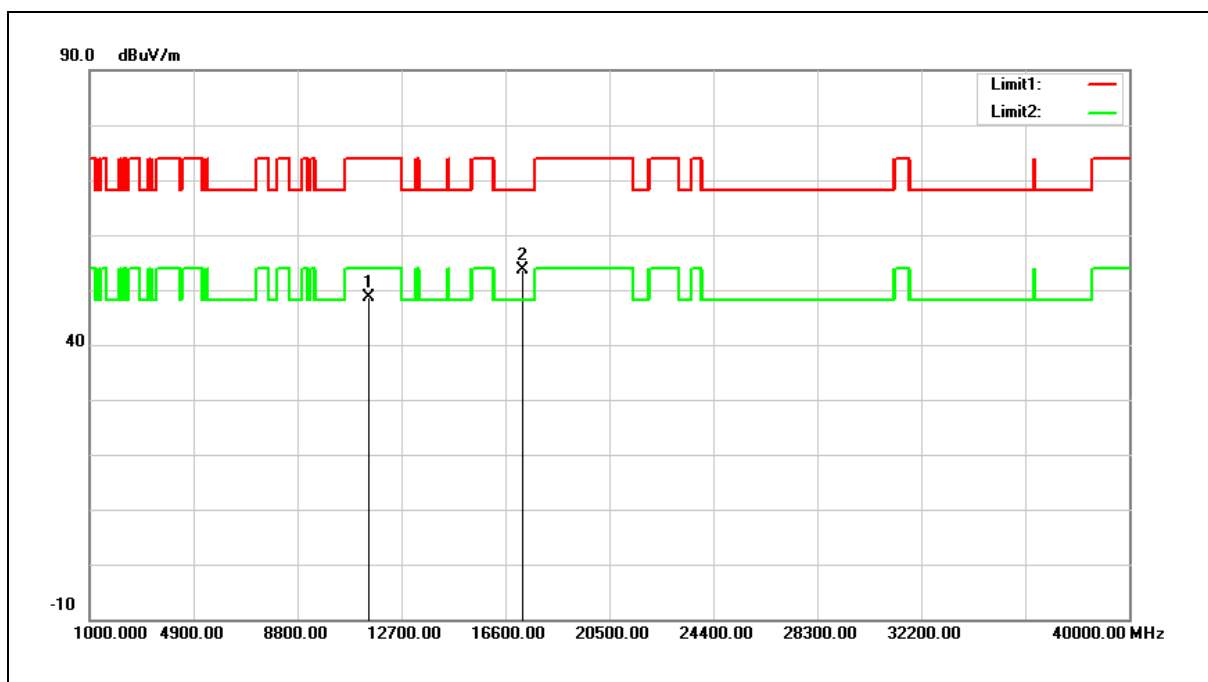
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	35.06	12.68	47.74	74.00	-26.26	peak
2	17235.000	33.45	18.52	51.97	68.20	-16.23	peak

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:	5745 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	35.97	12.68	48.65	74.00	-25.35	peak
2	17235.000	35.03	18.52	53.55	68.20	-14.65	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.