

低功率射頻器材試驗報告

產品名稱 企業智慧螢幕 / HUAWEI IdeaHub

申請廠商 訊巖技術有限公司

廠牌 HUAWEI

型式 (號) HUAWEI IdeaHub Pro 65

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 111 年 01 月 05 日

填發本型式認可報告之試驗機構 (認可代號)

晶復科技股份有限公司
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財團法人全國認證基金會

認證編號 : 1330

認證有效期間 : 108.09.06 ~ 111.09.05

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



免責聲明

- 1.本測試報告所敘述之測試結果，僅對顧客所提供之測試樣品，在此測試報告所述及之測試條件下，所實施之量測有效。
- 2.本測試報告未經晶復科技股份有限公司書面同意，不得部分複製本報告內容。
- 3.本測試報告內容之相關資訊皆由顧客提供，針對顧客所提供資訊之正確性、適當性或完整性，若有疑義或錯誤，並因此影響本測試報告結果有效性時，本實驗室不負其相關責任。

報告修訂紀錄

版本 (Rev.)	發行日期	修訂內容	修訂者
00	111 年 01 月 05 日	初版發行	王裕霜

低功率射頻器材測試證明書

產品名稱：企業智慧螢幕 / HUAWEI IdeaHub

廠牌：HUAWEI

型號：HUAWEI IdeaHub Pro 65

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.

量測規範：低功率射頻器材技術規範(LP0002) 109年7月1日

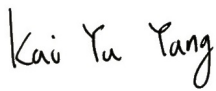
試驗實驗室：晶復科技股份有限公司(桃園市八德區長安街140-1號)

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！

Approved By :


(Kai Yu Yang)

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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	企業智慧螢幕 / HUAWEI IdeaHub						
廠 牌	HUAWEI						
型 號	HUAWEI IdeaHub Pro 65						
額 定 電 源	AC 100-240 V, 50/60 Hz, 3 A						
待測物電源類別	AC Input						
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 U-NII Band: OFDM *此產品之不具有動態選擇(DFS)之雷達偵測功能 (Client without radar detection function)						
頻 率 使 用 範 圍	Mode					Frequency Range (MHz)	
	IEEE 802.11b / IEEE 802.11g / IEEE 802.11n 2.4 GHz 20 MHz					2412 – 2462	
	IEEE 802.11n 2.4 GHz 40 MHz					2422 – 2452	
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band I IEEE 802.11ac 20 MHz U-NII Band I					5180 – 5240	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I IEEE 802.11ac 40 MHz U-NII Band I					5190 – 5230	
	IEEE 802.11ac 80 MHz U-NII Band I					5210	
	天 線 資 訊	Antenna	廠牌	型號	型態	增益值(dBi)	
ANT-0		日安	C15N19Z100VZ	PIFA Antenna	2.4 GHz	5 GHz	
		信維	FAEHJ0190101A0	PIFA Antenna	4	6	
ANT-1		日安	C15N19Z100VZ	PIFA Antenna	4	6	
		信維	FAEHJ0190101A0	PIFA Antenna	4	6	
RF 最大輸出功率		Mode			Power		
		IEEE 802.11b			19.66 dBm	0.092 W	
	IEEE 802.11g			24.89 dBm	0.308 W		
	IEEE 802.11n 2.4 GHz 20 MHz			24.73 dBm	0.297 W		
	IEEE 802.11n 2.4 GHz 40 MHz			24.53 dBm	0.284 W		
	IEEE 802.11a U-NII Band I			19.75 dBm	0.094 W		
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I			19.81 dBm	0.096 W		
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I			18.67 dBm	0.074 W		
	IEEE 802.11ac 20 MHz U-NII Band I			19.96 dBm	0.099 W		
	IEEE 802.11ac 40 MHz U-NII Band I			18.73 dBm	0.075 W		
	IEEE 802.11ac 80 MHz U-NII Band I			11.41 dBm	0.014 W		

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	AC Power Port	1	連接至交流電源
2	AUDIO LINE OUT Port	1	連接至喇叭
3	AUDIO LINE IN Port	1	此 Port 無功能，使用軟體關閉
4	HD-AI Port	1	此 Port 無功能，使用軟體關閉
5	HDMI OUTPUT Port	1	連接至 Monitor
6	HDMI INPUT Port	1	此 Port 無功能，使用軟體關閉 (外接 Huawei 攝像機)
7	HDMI INPUT Port	1	連接至 Notebook
8	USB Type-B Port	1	連接至 Notebook
9	USB STD-A Port	2	連接至 HDD
10	COM Port	1	此 Port 無功能，使用軟體關閉
11	TOUCH Port	1	此 Port 無功能，使用軟體關閉
12	LAN Port	1	連接至 AP
13	OPS Port	1	此 Port 無功能，使用軟體關閉

附屬裝置表：

裝置名稱	廠牌	型號	備註
電源線組	Longwell	LP-76+LS-32	Non-Shielded, 1.8 m
觸控筆	HUAWEI	HUAWEI IdeaHub S 65 pens	---

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,因設計無變更不需重新測試。 登錄號碼: CCAK21LP0550T2

機型、機型版別之差異說明

原機型廠牌/ 型號	系列機型廠牌/ 型號	差異敘述
HUAWEI / HUAWEI IdeaHub S 65	HUAWEI / HUAWEI IdeaHub Pro 65	因市場銷售需求，增加系列型號 HUAWEI IdeaHub Pro 65 並以軟體方式增加「發言人跟蹤的軟體功能」，其餘電路設計、印刷電路板等等並無變更。 測試結果說明： 經工程判定其變更不涉及射頻元件、印刷電路設計等等之改變，不影響測試結果，可引用原報告之測試數據。 原報告編號：2104DR38 Rev.00

2. 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	請參閱 5 節	請參閱 5 節	符合
2	場強輻射其它不必要之訊號 (1 GHz 以下)	低功率射頻器材技術規範 3.5 節、3.6 節、4.10.1.5 節	請參閱 5 節	請參閱 5 節	符合
3	場強輻射 (1 GHz 以上)	低功率射頻器材技術規範 3.5 節、3.6 節、4.10.1.5 節	請參閱 5 節	請參閱 5 節	符合
4	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	請參閱 5 節	請參閱 5 節	符合
5	峰值傳導輸出功率	低功率射頻器材技術規範 4.10.1.2(1)(C)節	請參閱 5 節	請參閱 5 節	符合
6	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 3.1.1 節	-----	符合
7	非必要頻帶	低功率射頻器材技術規範 4.10.1.5(1)節	請參閱 5 節	請參閱 5 節	符合
8	6 dB 頻寬	低功率射頻器材技術規範 4.10.1.6(2)(A)節	請參閱 5 節	請參閱 5 節	符合
9	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	請參閱 5 節	請參閱 5 節	符合
10	電波暴露量之評估	低功率射頻器材技術規範 6.20.2 節	請參閱 5 節	請參閱 5 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	請參閱 5 節	請參閱 5 節	符合
2	場強輻射其它不必要之訊號 (1 GHz 以下) (*)	低功率射頻器材技術規範 3.5 節、3.6 節	請參閱 5 節	請參閱 5 節	符合
3	場強輻射 (1 GHz 以上)	低功率射頻器材技術規範 3.5 節、3.6 節	請參閱 5 節	請參閱 5 節	符合
4	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	請參閱 5 節	請參閱 5 節	符合
5	非必要頻帶	低功率射頻器材技術規範 5.7.4 節	請參閱 5 節	請參閱 5 節	符合
6	最大傳導輸出功率	低功率射頻器材技術規範 5.7.3 節	請參閱 5 節	請參閱 5 節	符合
7	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	請參閱 5 節	請參閱 5 節	符合
8	26 dB 頻寬之要求	N/A	請參閱 5 節	請參閱 5 節	----
9	天線規格	低功率射頻器材技術規範 5.7.8 節	請參閱 3.2.1 節	-----	符合
10	電波暴露量之評估	低功率射頻器材技術規範 6.20.2 節	請參閱 5 節	請參閱 5 節	符合

Decision Rule

☒ Uncertainty is not included.

☐ Uncertainty is included.

3. 測試項目表列

3.1 2.4 GHz 檢驗項目

3.1.1 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。

3.2 5 GHz U-NII 檢驗項目

3.2.1 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. EUT Photos

請參照 文件編號: 21-2068_EUT External Photos 和 21-2068_EUT Internal Photos 。

5. Reference Information

Original Report
Original Test Setup Photographs



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	2104DR38
版本(Rev.)	00
產品名稱	企業智慧螢幕 / HUAWEI IdeaHub
申請廠商	訊歲技術有限公司
廠牌	HUAWEI
型式 (號)	HUAWEI IdeaHub S 65
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 28 日

填發本型式認可報告之試驗機構 (認可代號)

晶復科技股份有限公司
33465 桃園市八德區長安街 140-1 號
Tel : 03-2710188 / Fax : 03-2710190



財團法人全國認證基金會
認證編號 : 1330
認證有效期間 : 108.09.06 ~ 111.09.05
認可能量範圍 : 低功率射頻器材技術規範(LP0002) (頻率範圍:9 kHz to 40 GHz)

免責聲明

- 1.本測試報告所敘述之測試結果，僅對顧客所提供之測試樣品，在此測試報告所述及之測試條件下，所實施之量測有效。
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晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

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報告修訂紀錄

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00	110 年 04 月 28 日	初版發行	王裕霜

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
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低功率射頻器材測試證明書

產品名稱：企業智慧螢幕 / HUAWEI IdeaHub

廠牌：HUAWEI

型號：HUAWEI IdeaHub S 65

申請廠商：訊巖技術有限公司

申請者地址：臺北市內湖區洲子街55、57號3樓

製造廠商：Huawei Technologies Co., Ltd.

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

待測物電壓：AC 100-240 V, 50/60 Hz, 3 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 22 日

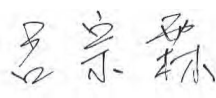
試驗日期：110 年 03 月 31日 ~ 110 年 04 月 08 日

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)

晶復科技股份有限公司
A Test Lab Techno Corp.
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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	企業智慧螢幕 / HUAWEI IdeaHub					
廠 牌	HUAWEI					
型 號	HUAWEI IdeaHub S 65					
額 定 電 源	AC 100-240 V, 50/60 Hz, 3 A					
待測物電源類別	Form AC Input					
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 U-NII Band: OFDM *此產品之不具有動態選擇(DFS)之雷達偵測功能 (Client without radar detection function)					
頻 率 使 用 範 圍	Mode			Frequency Range (MHz)		
	IEEE 802.11b / IEEE 802.11g / IEEE 802.11n 2.4 GHz 20 MHz			2412 – 2462		
	IEEE 802.11n 2.4 GHz 40 MHz			2422 – 2452		
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band I IEEE 802.11ac 20 MHz U-NII Band I			5180 – 5240		
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I IEEE 802.11ac 40 MHz U-NII Band I			5190 – 5230		
	IEEE 802.11ac 80 MHz U-NII Band I			5210		
	天 線 資 訊	Antenna	廠牌	型號	型態	增益值(dBi)
ANT-0		日安	C15N19Z100VZ	PIFA Antenna	2.4 GHz	5 GHz
		信維	FAEHJ0190101A0	PIFA Antenna	4	6
ANT-1		日安	C15N19Z100VZ	PIFA Antenna	4	6
		信維	FAEHJ0190101A0	PIFA Antenna	4	6
RF 最大輸出功率		Mode			Power	
	IEEE 802.11b			19.66 dBm	0.092 W	
	IEEE 802.11g			24.89 dBm	0.308 W	
	IEEE 802.11n 2.4 GHz 20 MHz			24.73 dBm	0.297 W	
	IEEE 802.11n 2.4 GHz 40 MHz			24.53 dBm	0.284 W	
	IEEE 802.11a U-NII Band I			19.75 dBm	0.094 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I			19.81 dBm	0.096 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I			18.67 dBm	0.074 W	
	IEEE 802.11ac 20 MHz U-NII Band I			19.96 dBm	0.099 W	
	IEEE 802.11ac 40 MHz U-NII Band I			18.73 dBm	0.075 W	
	IEEE 802.11ac 80 MHz U-NII Band I			11.41 dBm	0.014 W	

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輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	AC Power Port	1	連接至交流電源
2	AUDIO LINE OUT Port	1	連接至喇叭
3	AUDIO LINE IN Port	1	此 Port 無功能，使用軟體關閉
4	HD-AI Port	1	此 Port 無功能，使用軟體關閉
5	HDMI OUTPUT Port	1	連接至 Monitor
6	HDMI INPUT Port	1	此 Port 無功能，使用軟體關閉 (外接 Huawei 攝像機)
7	HDMI INPUT Port	1	連接至 Notebook
8	USB Type-B Port	1	連接至 Notebook
9	USB STD-A Port	2	連接至 HDD
10	COM Port	1	此 Port 無功能，使用軟體關閉
11	TOUCH Port	1	此 Port 無功能，使用軟體關閉
12	LAN Port	1	連接至 AP
13	OPS Port	1	此 Port 無功能，使用軟體關閉

附屬裝置表：

裝置名稱	廠牌	型號	備註
電源線組	Longwell	LP-76+LS-32	Non-Shielded, 1.8 m
觸控筆	HUAWEI	HUAWEI IdeaHub S 65 pens	---

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

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2. 量測儀器及測試配置說明

2.1 量測設備

For Conducted
Test Period: Apr. 06 ~ Apr. 08, 2021
測試者: 林佳禾

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Power Sensor	Anritsu	MA2411B	1126022	09/01/2020	1 year
Power Meter	Anritsu	ML2495A	1135009	09/01/2020	1 year
Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	01/07/2021	1 year

For Conducted Emission
Test Period: Apr. 02, 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. 31 ~ Apr. 02, 2021
測試者: 李亭衛, 吳展寬, 劉彥聖, 李怡華

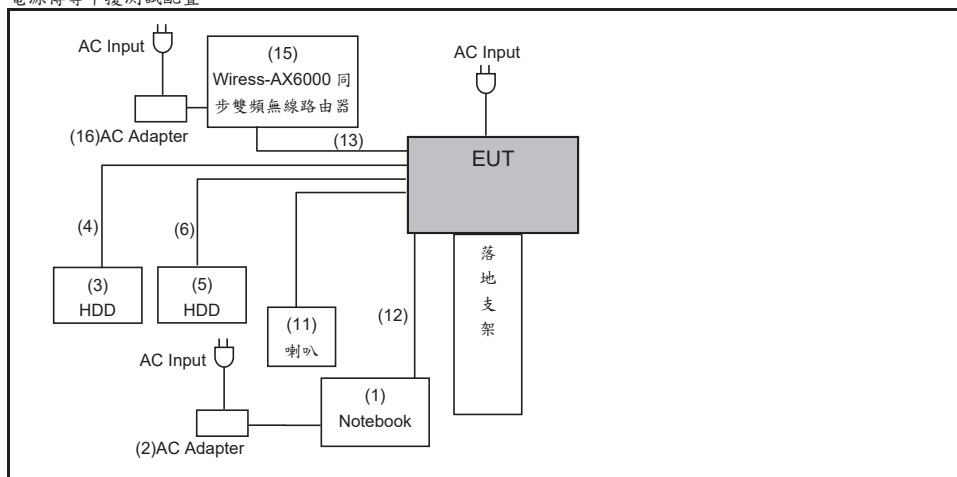
名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer	Keysight	N9030B	MY57143537	04/14/2020	1 year
Amplifier	Agilent	8447D	2944A11119	01/15/2021	1 year
Amplifier	Titan	T0912E01263025 A1F	002	07/23/2020	1 year
Preamplifier	EMCI	EMC2654045	980028	08/24/2020	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	01146	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

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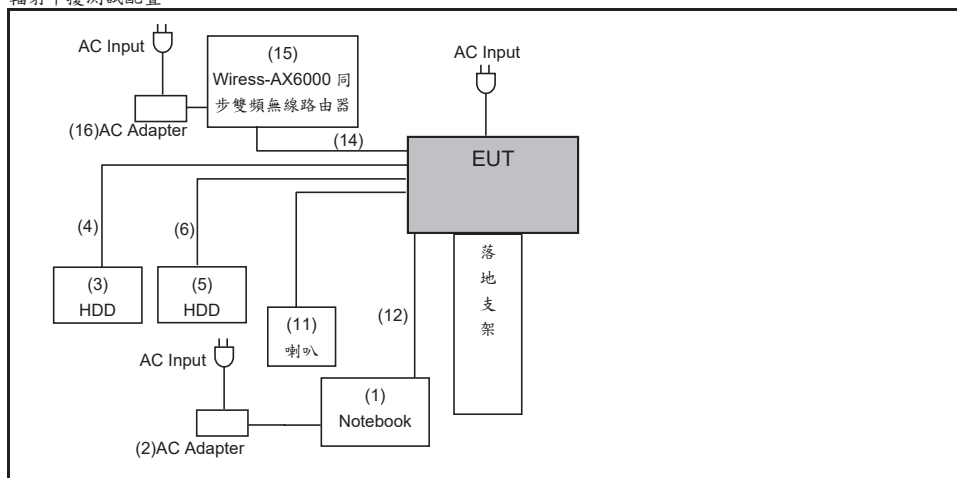
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2.2 檢驗系統示意圖

電源傳導干擾測試配置



輻射干擾測試配置

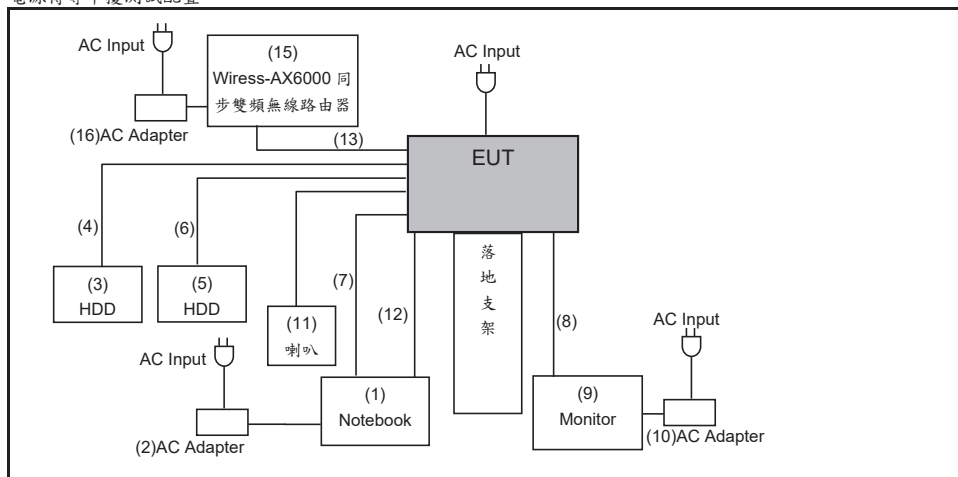


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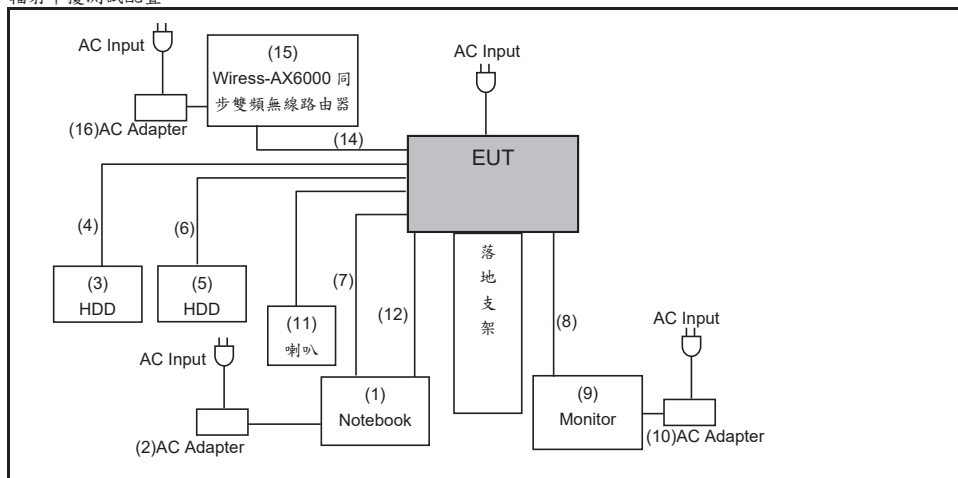
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With HDMI

電源傳導干擾測試配置



輻射干擾測試配置



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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) Notebook	ASUS	P2430U	GANXCV04 H86940A	---	(實驗室提供)
(2) AC Adapter	ASUS	ADP-65GD D	---	Non-Shielded, 0.8 m	INPUT : AC 100-240 VAC , 50/60 Hz, 1.5 A OUTPUT : DC 19 V, 3.42 A (實驗室提供)
(3) HDD	Transend	TS1TSJ25A3K	E47225-007 8	---	(實驗室提供)
(4) USB cable	Transend	TS1TSJ25A3K- RU	---	---	規格: STD-A to USB 3.0 Micro-B 長度: 1.25 m (實驗室提供)
(5) HDD	Transend	TS1TSJ25A3K	E47225-009 5	---	(實驗室提供)
(6) USB Cable	Transend	TS1TSJ25A3K- RU	---	---	規格: STD-A to USB 3.0 Micro-B 長度: 1.25 m (實驗室提供)
(7) HDMI Cable	Avier	K48GHS	---	---	規格: HDMI to HDMI 長度: 1.7 m (實驗室提供)
(8) HDMI Cable	KanDao	QCM2020	---	---	規格: HDMI to HDMI 長度: 1.4 m (實驗室提供)
(9) Monitor	ViewSonic	VS16024	---	---	(實驗室提供)
(10) AC Adapter	AOC	ADPC2065	---	---	INPUT : AC 100-240 VAC , 50-60 Hz, 1.5 A OUTPUT : DC 20 V, 3.25 A (實驗室提供)
(11) 喇叭	SANYO	SYSP-8471	---	---	(實驗室提供)
(12) USB Cable	HP	8121-0868	---	---	規格: STD-A to Type-B 長度: 1.8 m (實驗室提供)
(13) LAN Cable	ATL	EMC	---	---	規格: RJ45 to RJ45 長度: 3 m (實驗室提供)
(14) LAN Cable	大同	CAT5E	---	---	規格: RJ45 to RJ45 長度: 3 m (實驗室提供)
(15) Wiress-AX6000 同步雙頻無線路 由器	ASUS	RT-AX88U	---	---	NCC ID : CCAF18LP1530T1 (實驗室提供)
(16) AC Adapter	ASUS	ADP-45BW B	---	Non-Shielded, 1.7 m	INPUT : AC 100-240 V, 50/60 Hz, 1.2 A OUTPUT : DC 19 V , 2.37 A (實驗室提供)

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

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測試組合：

EUT Configure Mode	CE	RE<1G	RE $\geq$ 1G	備註
電源線組	V	V	V	
觸控筆	X	X	X	
Notebook	V	V	V	測試週邊(1)
AC Adapter	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)
HDMI Cable	---	---	---	測試週邊(8)
Monitor	---	---	---	測試週邊(9)
AC Adapter	---	---	---	測試週邊(10)
喇叭	V	V	V	測試週邊(11)
USB Cable	V	V	V	測試週邊(12)
LAN Cable	V	V	V	測試週邊(13)
LAN Cable	V	V	V	測試週邊(14)
Wiress-AX6000 同步雙 頻無線路由器	V	V	V	測試週邊(15)
	V		X	測試週邊(15) Normal Link
AC Adapter	V	V	V	測試週邊(16)

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

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With HDMI				
EUT Configure Mode	CE	RE<1G	RE $\geq$ 1G	備註
電源線組	V	V	V	
觸控筆	X	X	X	
Notebook	V	V	V	測試週邊(1)
AC Adapter	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)
HDMI Cable	V	V	V	測試週邊(8)
Monitor	V	V	V	測試週邊(9)
AC Adapter	V	V	V	測試週邊(10)
喇叭	V	V	V	測試週邊(11)
USB Cable	V	V	V	測試週邊(12)
LAN Cable	V	V	V	測試週邊(13)
LAN Cable	V	V	V	測試週邊(14)
Wiress-AX6000 同步雙 頻無線路由器	V	V	V	測試週邊(15)
	V		X	測試週邊(15) Normal Link
AC Adapter	V	V	V	測試週邊(16)

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

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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: 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: Receiver Mode

Note 1: ANT-0 is the worst case in WLAN 2.4 GHz, ANT-1 is the worst case in WLAN 5 GHz.

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.

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Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 2	2412	34	34	IPOP V4.0
	2437	37	37	
	2462	39	39	
Mode 3	2412	39	39	
	2437	54	54	
	2462	39	39	
Mode 4	2412	37	37	
	2437	53	53	
	2462	39	39	
Mode 5	2422	32	32	
	2437	54	54	
	2452	36	36	
Mode 6	5180	44	44	IPOP V4.0
	5200	51	51	
	5220	51	51	
	5240	51	51	
Mode 7	5180	44	44	
	5200	51	51	
	5220	51	51	
	5240	51	51	
Mode 8	5190	35	35	
	5230	48	48	
Mode 9	5180	44	44	
	5200	51	51	
	5220	51	51	
	5240	51	51	
Mode 10	5190	35	35	
	5230	48	48	
Mode 11	5210	32	32	

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

Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 2	1TX / 1RX (Diversity)	1	1, 6, 11
Mode 3	1TX / 1RX (Diversity)	6	1, 6, 11
Mode 4	1TX / 1RX (Diversity)	6.5	1, 6, 11
Mode 5	1TX / 1RX (Diversity)	13.5	3, 6, 9
Mode 6	1TX / 1RX (Diversity)	6	36, 40, 48
Mode 7	1TX / 1RX (Diversity)	6.5	36, 40, 48,
Mode 8	1TX / 1RX (Diversity)	13.5	38, 46
Mode 9	1TX / 1RX (Diversity)	6.5	36, 40, 48
Mode 10	1TX / 1RX (Diversity)	13.5	38, 46
Mode 11	1TX / 1RX (Diversity)	29.3	42

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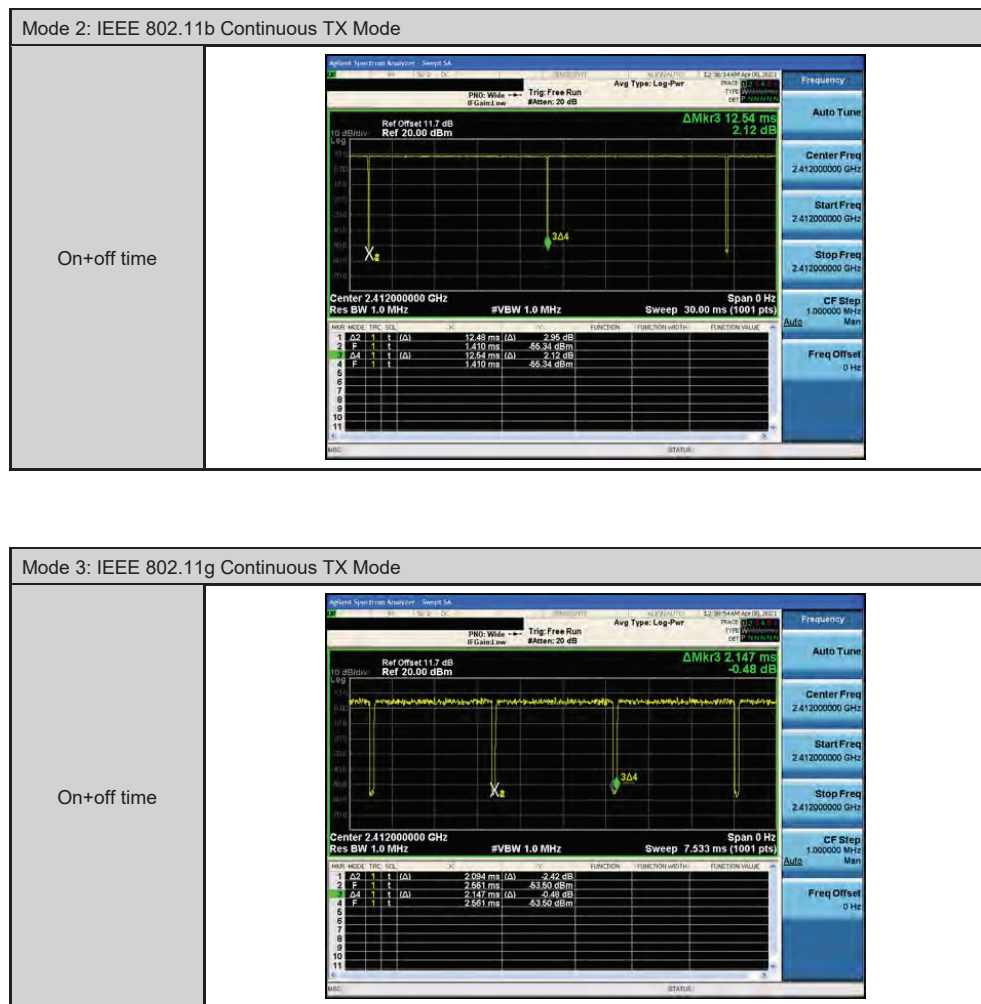
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Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	2412	12.480	12.540	0.995	0.021	0.010
Mode 3	2412	2.094	2.147	0.975	0.109	0.478
Mode 4	2412	1.936	2.064	0.938	0.278	0.517
Mode 5	2422	0.954	1.092	0.874	0.587	1.048
Mode 6	5180	2.087	2.139	0.976	0.107	0.479
Mode 9	5180	1.950	2.035	0.958	0.185	0.513
Mode 10	5190	0.954	1.071	0.891	0.502	1.048
Mode 11	5210	0.468	0.541	0.864	0.635	2.138

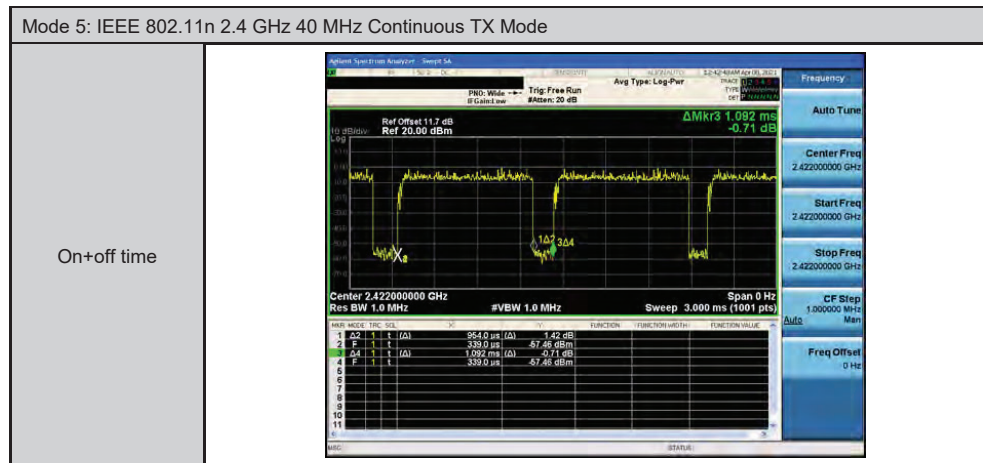
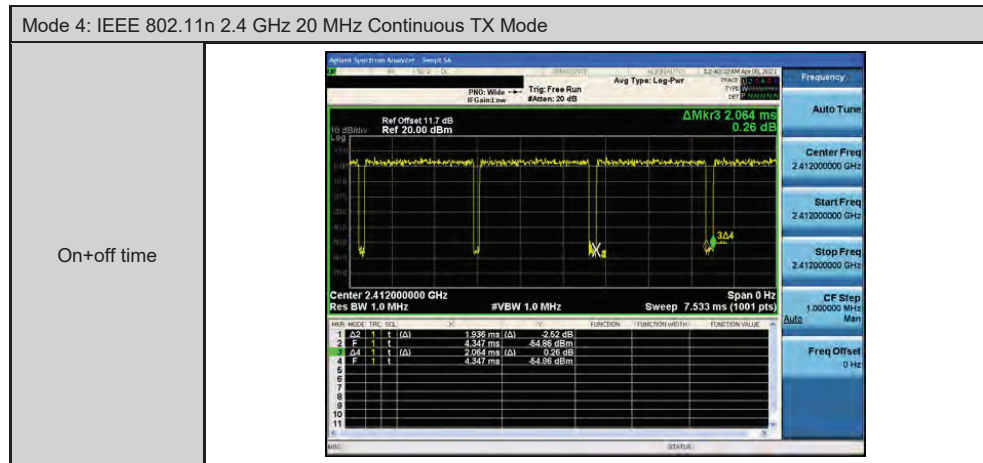
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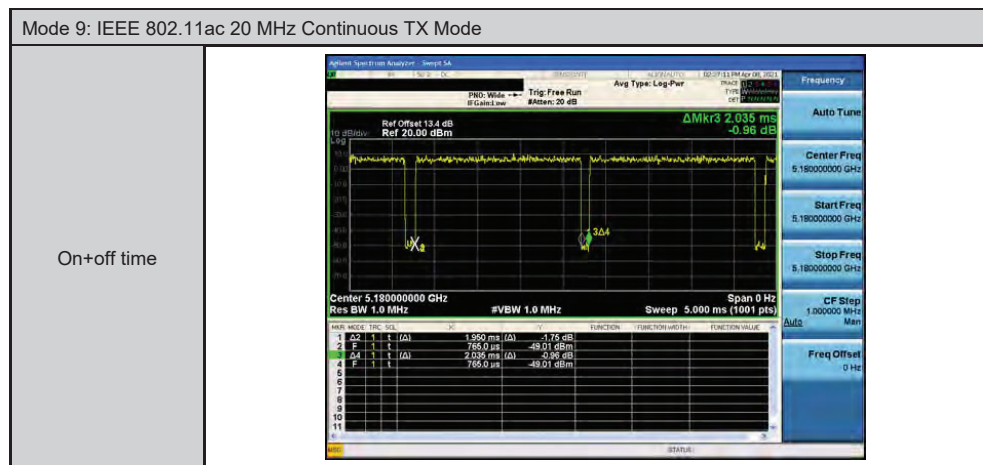
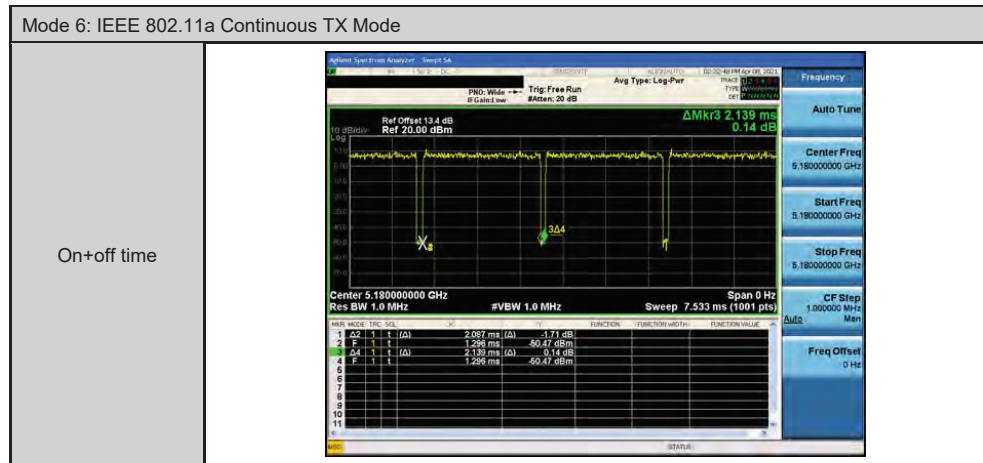
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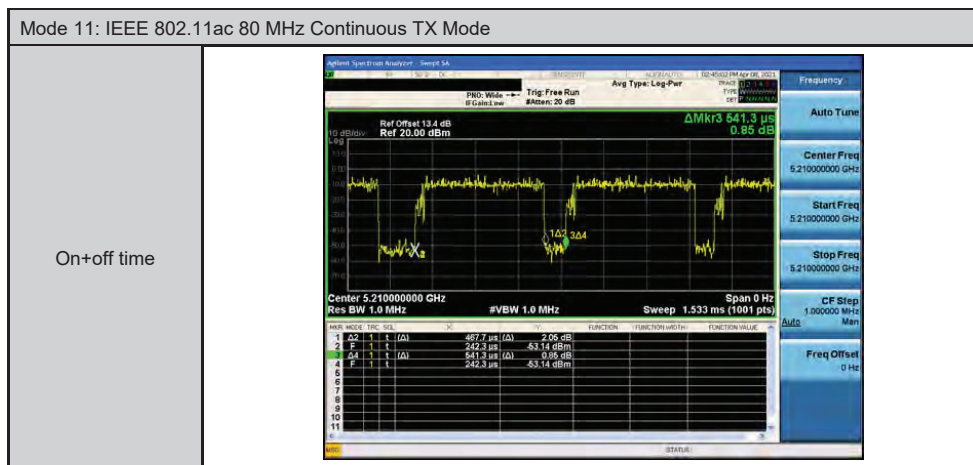


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2.6 量測不確定度

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

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

2.7 試驗環境

產品測試時之實驗室環境條件如下：

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

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3. 測試項目與結果判定總表

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

2.4 GHz 頻段適用下列表格

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

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5 GHz U-NII 頻段適用下列表格

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

Decision Rule

☒ Uncertainty is not included.

☐ Uncertainty is included.

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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。

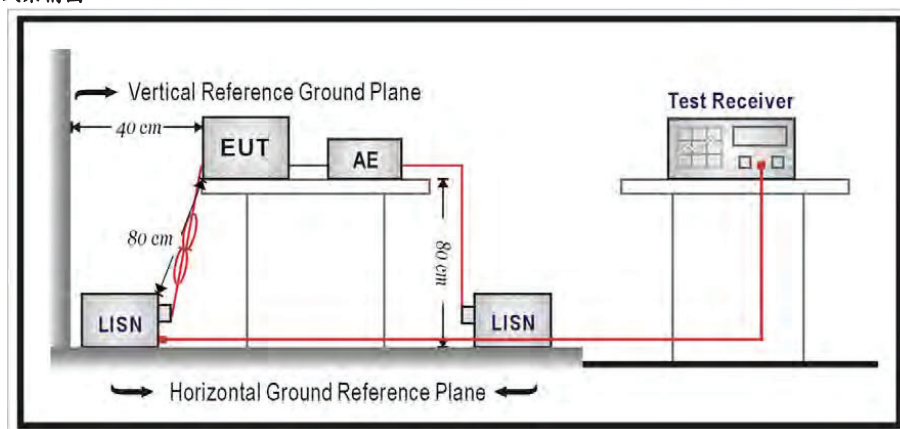
干擾值之計算

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：



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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	

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

測試方法：

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

場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

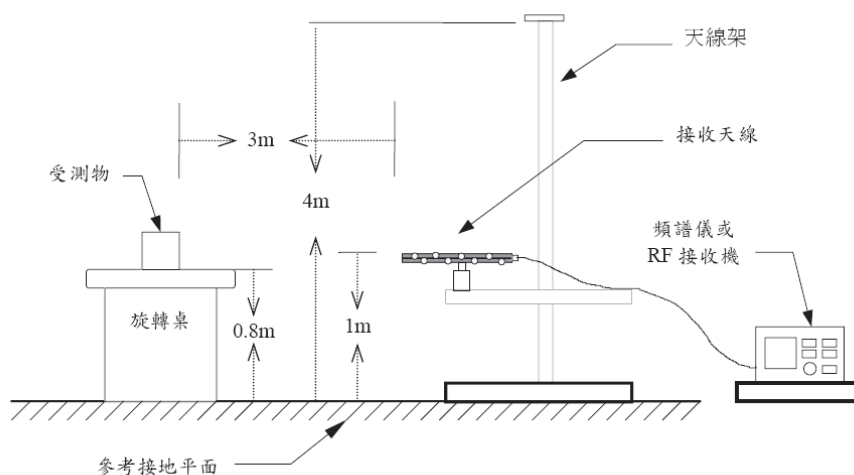
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

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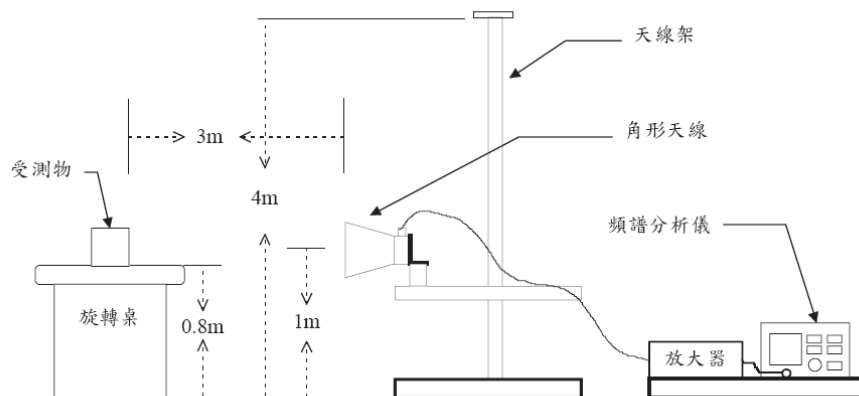
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測試架構圖：

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



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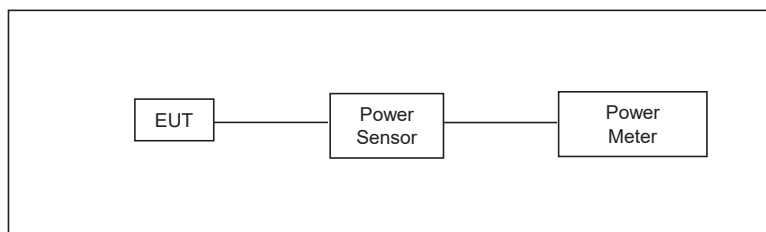
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4.2.2 峰值傳導輸出功率之量測

合格標準:

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

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。

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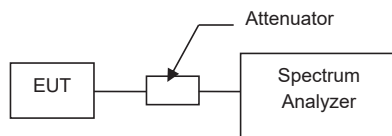
4.2.4 非必要頻帶之量測

合格標準:

合格標準:

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

測試架構圖：



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

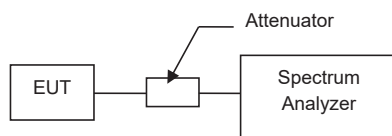
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 20 dB。

4.2.5 6 dB頻寬之要求

合格標準:

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

測試架構圖：



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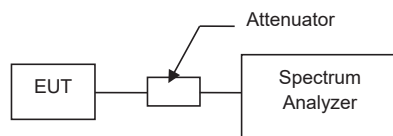
4.2.6 峰值發射電功率密度之要求

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。



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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。

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

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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 以下的非必要之發射，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

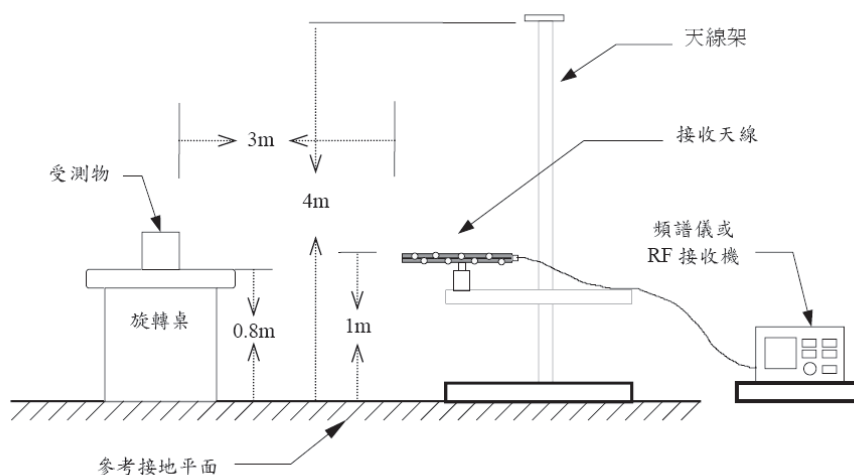
其中校正因子為：天線因子 + 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

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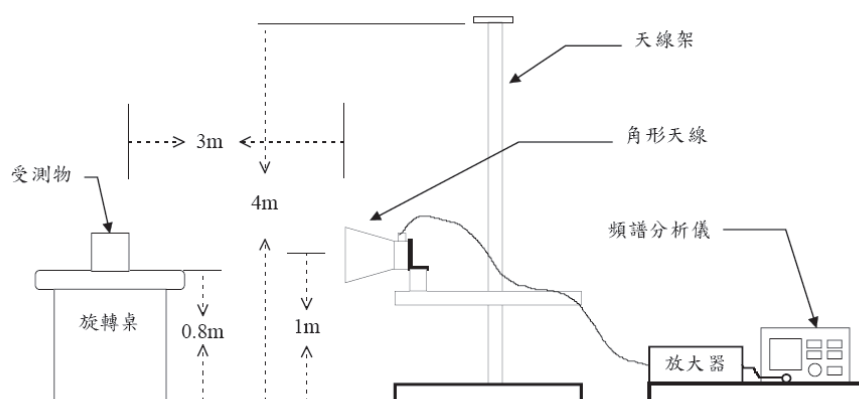
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測試架構圖：

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



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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 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:

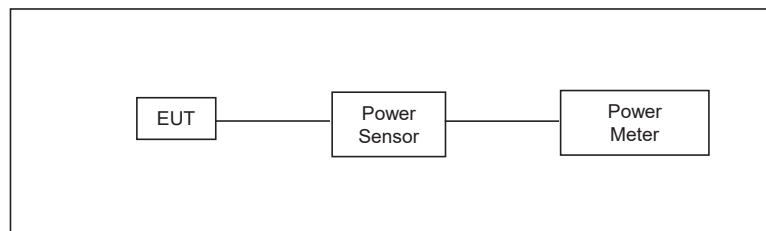
- 最大傳導輸出功率不能超過 1 W。
- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 23 dBi 方向增益之指向性天線時，應依超過 23 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供行動或可攜式裝置操作使用:

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

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

測試架構圖：



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4.3.3 最大傳導功率頻譜密度之要求

合格標準:

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

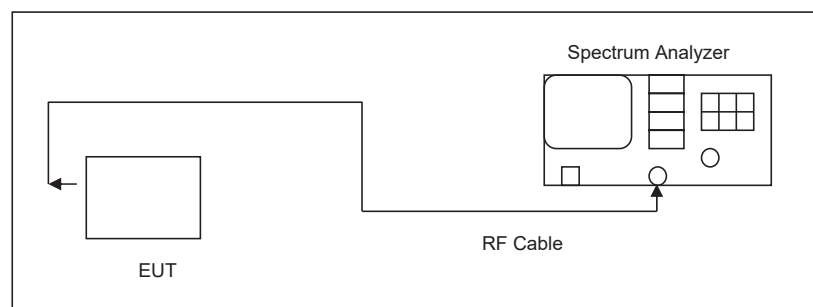
1. 5.15-5.25 GHz 頻帶

- (1) 供戶外操作使用:
 - 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
 - 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
 - 在水平面仰角超過 30 度時，其最大 EIRP 不能超過 21 dBm。
- (2) 供室內操作使用:
 - 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
 - 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- (3) 供固定式點對點操作使用:
 - 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
 - 使用超過 23 dBi 方向增益之指向性天線時，應依超過 23 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
 - 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。
- (4) 供行動或可攜式裝置操作使用:
 - 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 11 dBm。
 - 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

2. 最大功率頻譜密度量測規定:

- (1) 應將量測儀器直接連接待測物，以傳導方式執行。
- (2) 5.15 GHz~5.25 GHz、5.25 GHz~5.35 GHz 及 5.47 GHz~5.725 GHz 頻帶，量測儀器之頻寬應設定為 1 MHz 頻寬或待測物之 26 dB 發射頻寬，兩者取較小者。
- (3) 5.725 GHz~5.850 GHz 頻帶，量測儀器之頻寬應設定為 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:



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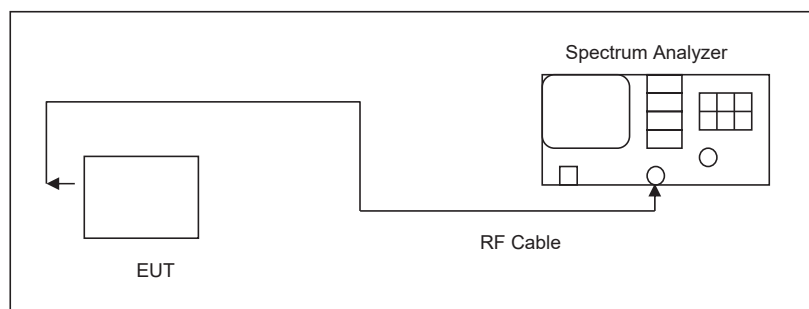
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4.3.4 26 dB頻寬之要求

合格標準:

N/A

測試架構圖：



4.3.5 天線規格之要求

合格標準:

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

判定結果: 符合。

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4.3.6 電波暴露量之評估

合格標準:

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

6.20.2.1 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

6.20.2.2 一般人/不可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

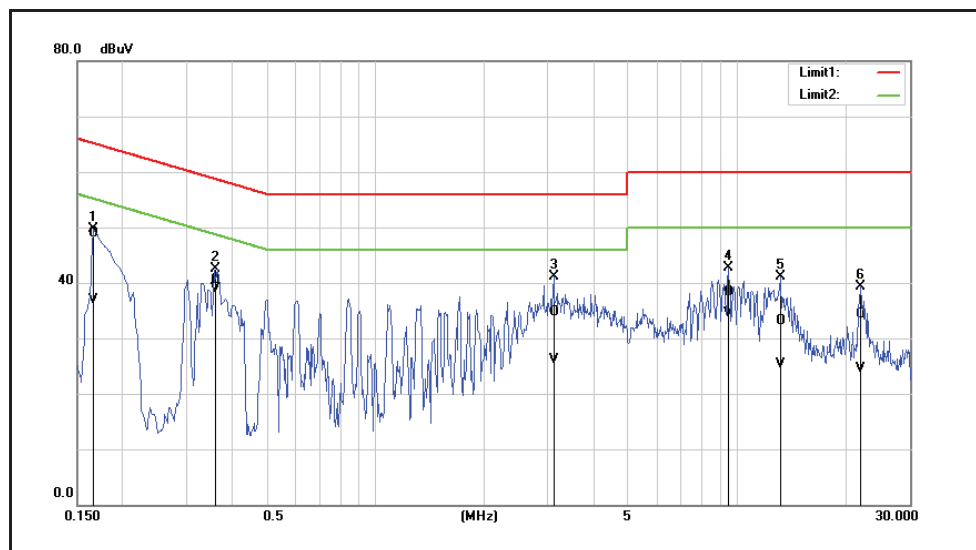
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5. Test Results

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	0.1660	39.13	27.27	9.70	48.83	36.97	65.16	55.16	-16.33	-18.19	Pass
2	0.3620	30.86	29.19	9.70	40.56	38.89	58.68	48.68	-18.12	-9.79	Pass
3	3.1180	24.96	16.29	9.78	34.74	26.07	56.00	46.00	-21.26	-19.93	Pass
4	9.4580	28.49	24.63	9.87	38.36	34.50	60.00	50.00	-21.64	-15.50	Pass
5	13.1740	23.21	15.45	9.94	33.15	25.39	60.00	50.00	-26.85	-24.61	Pass
6	21.9500	24.28	14.49	10.04	34.32	24.53	60.00	50.00	-25.68	-25.47	Pass

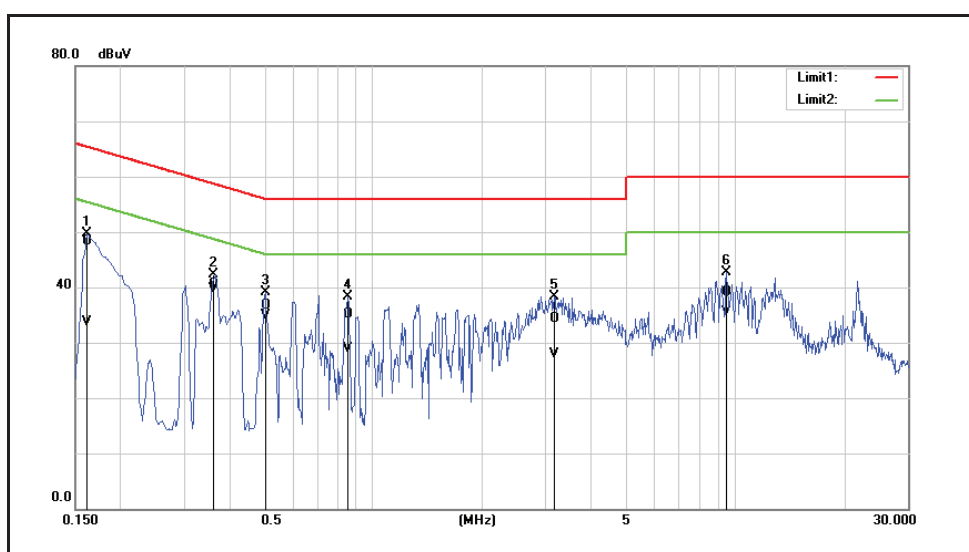
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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)。

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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	0.1620	38.69	23.99	9.69	48.38	33.68	65.36	55.36	-16.98	-21.68	Pass
2	0.3620	30.88	29.93	9.69	40.57	39.62	58.68	48.68	-18.11	-9.06	Pass
3	0.5020	26.96	25.23	9.70	36.66	34.93	56.00	46.00	-19.34	-11.07	Pass
4	0.8500	25.39	19.27	9.70	35.09	28.97	56.00	46.00	-20.91	-17.03	Pass
5	3.1700	24.51	18.08	9.78	34.29	27.86	56.00	46.00	-21.71	-18.14	Pass
6	9.4540	29.14	25.63	9.87	39.01	35.50	60.00	50.00	-20.99	-14.50	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

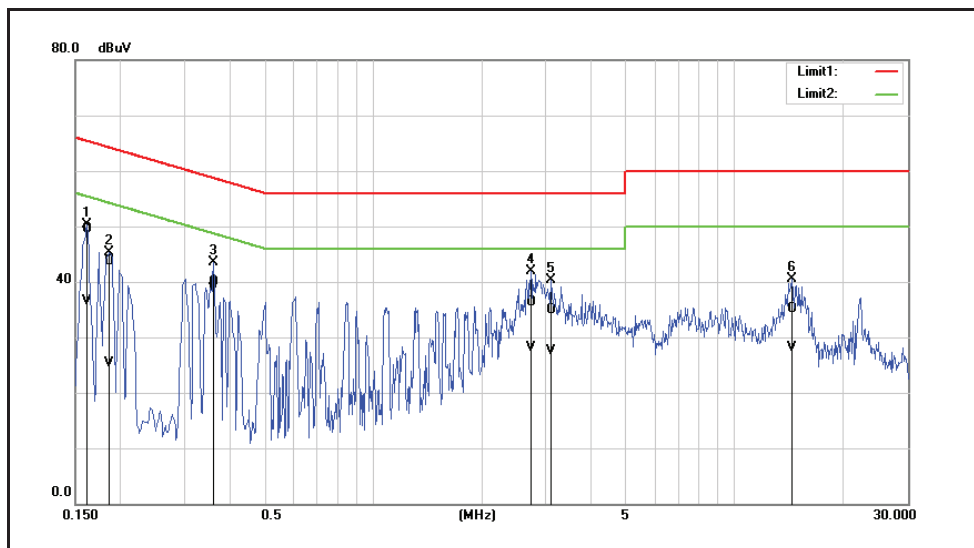
2. 校正係數(dB) = 量測信號線損失(dB) + 電源阻抗模擬網路係數(dB)。

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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	0.1620	39.77	26.90	9.70	49.47	36.60	65.36	55.36	-15.89	-18.76	Pass
2	0.1860	34.00	15.53	9.70	43.70	25.23	64.21	54.21	-20.51	-28.98	Pass
3	0.3620	30.20	28.98	9.70	39.90	38.68	58.68	48.68	-18.78	-10.00	Pass
4	2.7260	26.44	18.28	9.77	36.21	28.05	56.00	46.00	-19.79	-17.95	Pass
5	3.1060	25.08	17.75	9.78	34.86	27.53	56.00	46.00	-21.14	-18.47	Pass
6	14.3380	25.18	18.13	9.96	35.14	28.09	60.00	50.00	-24.86	-21.91	Pass

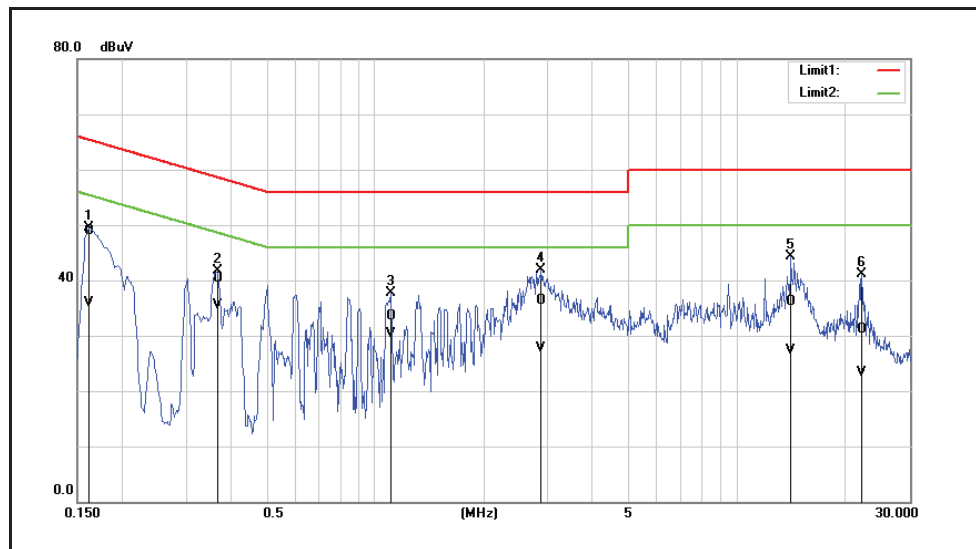
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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)。

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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	0.1620	39.13	26.24	9.69	48.82	35.93	65.36	55.36	-16.54	-19.43	Pass
2	0.3660	30.60	25.85	9.69	40.29	35.54	58.59	48.59	-18.30	-13.05	Pass
3	1.1020	23.82	20.62	9.70	33.52	30.32	56.00	46.00	-22.48	-15.68	Pass
4	2.8700	26.48	17.93	9.76	36.24	27.69	56.00	46.00	-19.76	-18.31	Pass
5	14.0780	26.16	17.32	9.97	36.13	27.29	60.00	50.00	-23.87	-22.71	Pass
6	22.1580	21.11	13.22	10.08	31.19	23.30	60.00	50.00	-28.81	-26.70	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)。

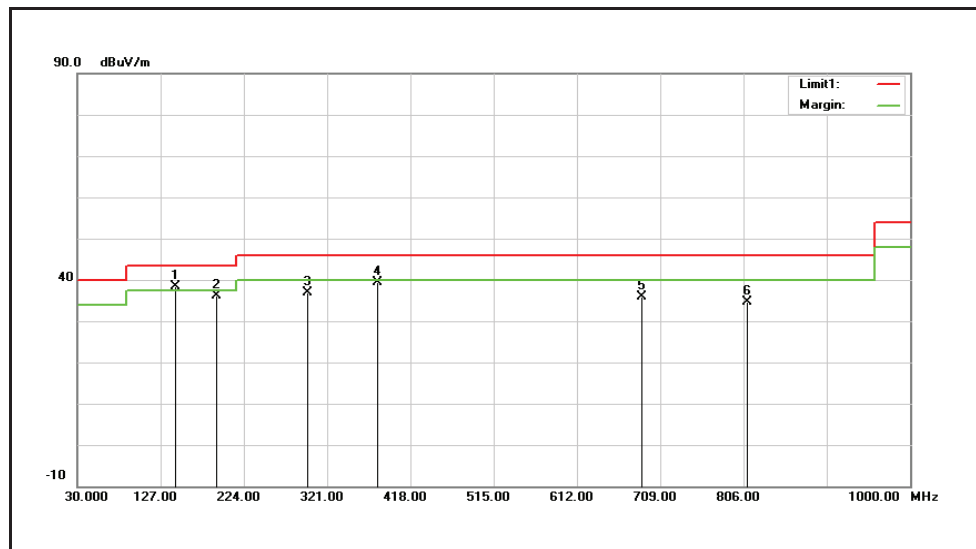
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Annex B. Radiated Emission Measurement (2.4 GHz)

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	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	144.4600	46.08	-7.78	38.30	43.50	-5.20	QP
2	191.9900	46.09	-9.97	36.12	43.50	-7.38	QP
3	297.7200	43.43	-6.58	36.85	46.00	-9.15	QP
4	380.1700	44.63	-5.13	39.50	46.00	-6.50	QP
5	687.6600	36.18	-0.18	36.00	46.00	-10.00	QP
6	810.8500	32.91	1.76	34.67	46.00	-11.33	QP

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

Example: $38.30 = -7.78 + 46.08$.

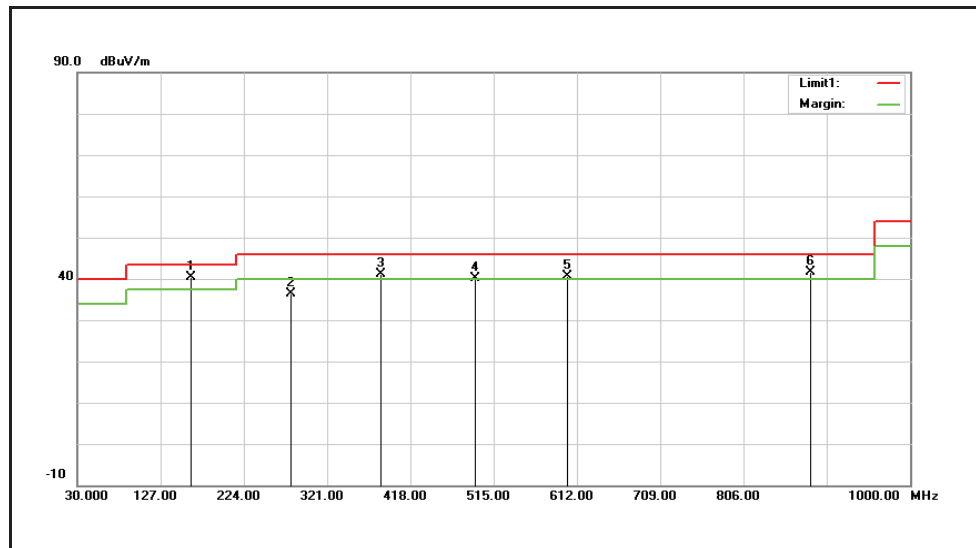
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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:	Radiated Emission		
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	162.8900	48.00	-7.59	40.41	43.50	-3.09	QP
2	279.2900	43.42	-7.05	36.37	46.00	-9.63	QP
3	383.0800	46.24	-5.07	41.17	46.00	-4.83	QP
4	493.6600	43.86	-3.66	40.20	46.00	-5.80	QP
5	600.3600	41.98	-1.26	40.72	46.00	-5.28	QP
6	884.5700	38.85	2.81	41.66	46.00	-4.34	QP

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

Example: 40.41 = -7.59 + 48.00.

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

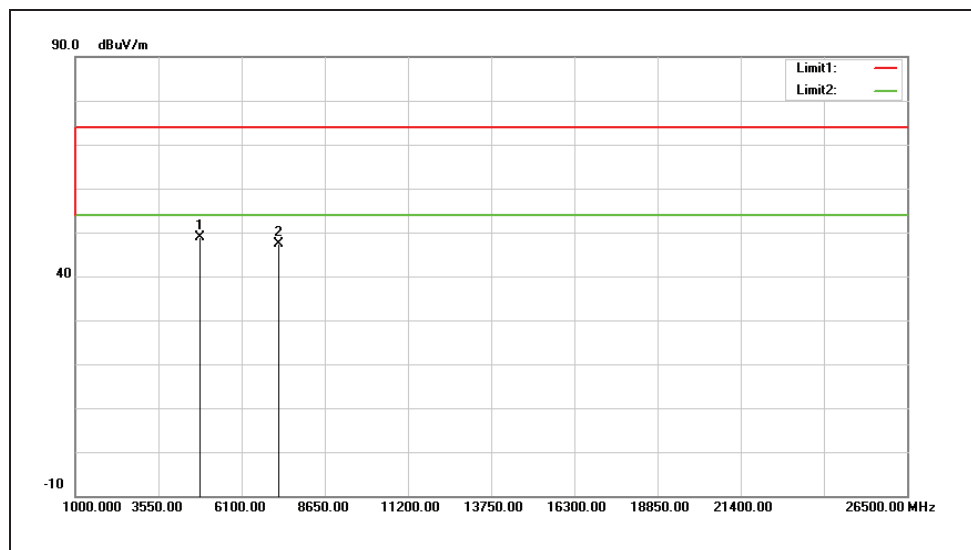
3. When the peak results are less than average limit, so not need to evaluate the average.

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場強輻射量測 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	50.05	-1.25	48.80	74.00	-25.20	peak
2	7236.000	41.53	5.85	47.38	74.00	-26.62	peak

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

Example: 48.80 = -1.25 + 50.05.

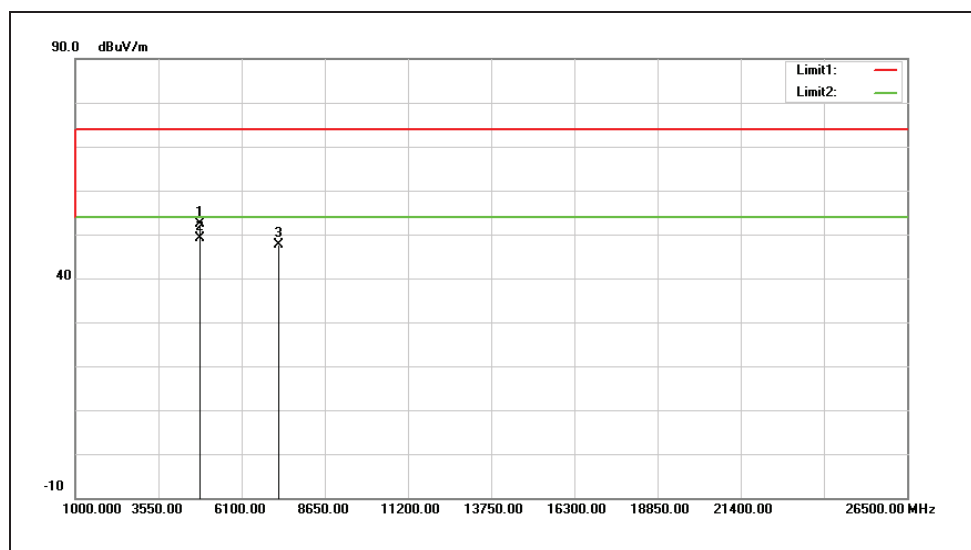
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	53.66	-1.25	52.41	74.00	-21.59	peak
2	4824.000	50.45	-1.25	49.20	54.00	-4.80	AVG
3	7236.000	41.71	5.85	47.56	74.00	-26.44	peak

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

Example: 52.41= -1.25 + 53.66.

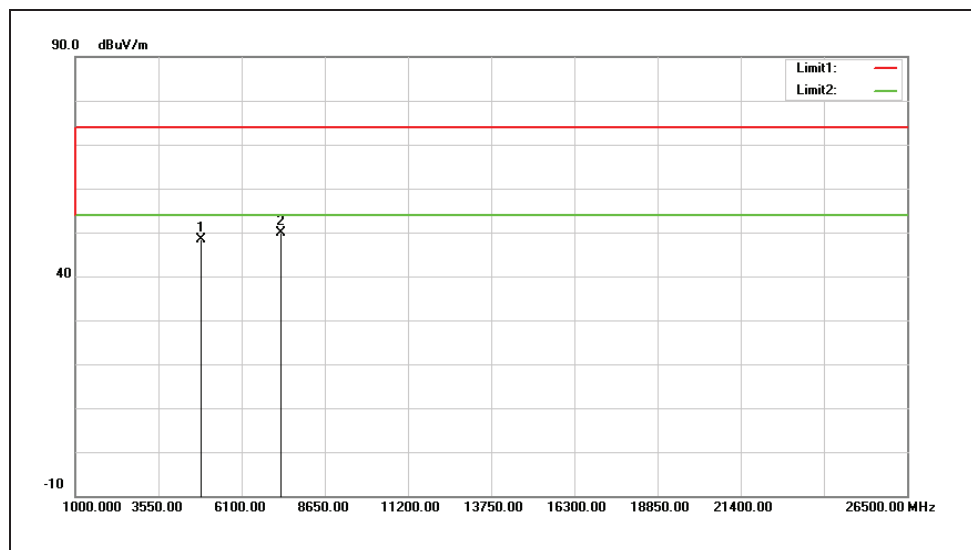
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	49.41	-1.12	48.29	74.00	-25.71	peak
2	7311.000	43.82	6.11	49.93	74.00	-24.07	peak

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

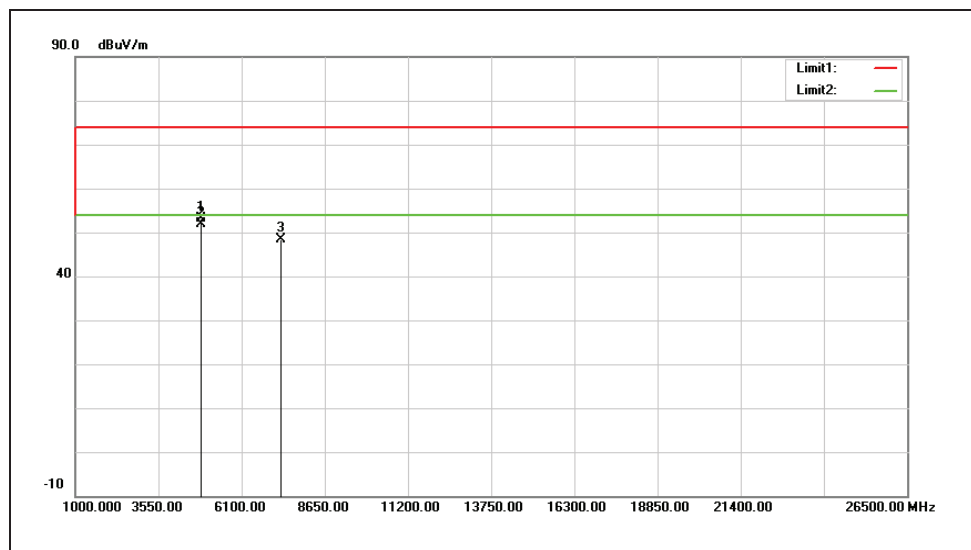
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	54.37	-1.12	53.25	74.00	-20.75	peak
2	4874.000	53.06	-1.12	51.94	54.00	-2.06	AVG
3	7311.000	42.28	6.11	48.39	74.00	-25.61	peak

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

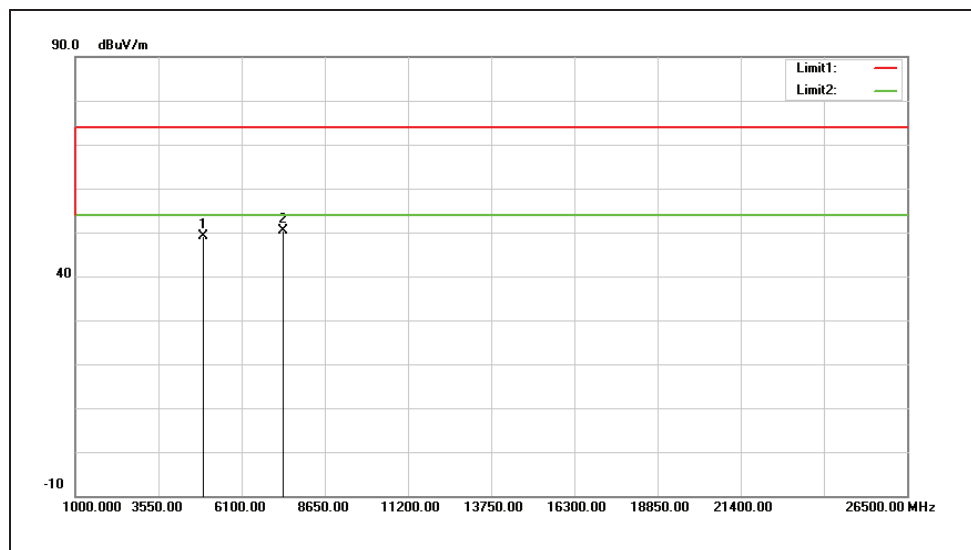
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) - Pre-Amplifier gain (dB).

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:	Harmonic		
Frequency:	2462MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	50.22	-0.99	49.23	74.00	-24.77	peak
2	7386.000	44.09	6.38	50.47	74.00	-23.53	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.

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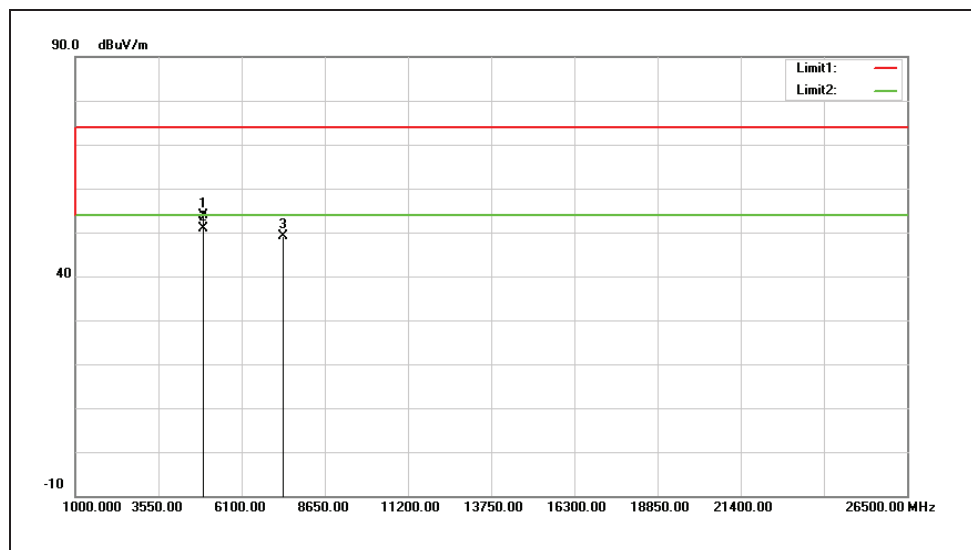
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	54.91	-0.99	53.92	74.00	-20.08	peak
2	4924.000	51.97	-0.99	50.98	54.00	-3.02	AVG
3	7386.000	42.76	6.38	49.14	74.00	-24.86	peak

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

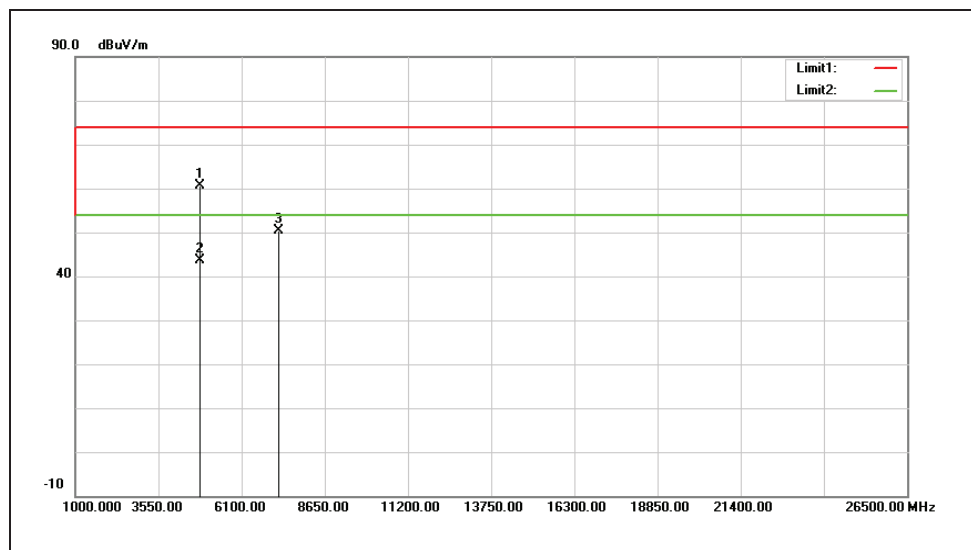
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	61.80	-1.25	60.55	74.00	-13.45	peak
2	4824.000	44.93	-1.25	43.68	54.00	-10.32	AVG
3	7236.000	44.65	5.85	50.50	74.00	-23.50	peak

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

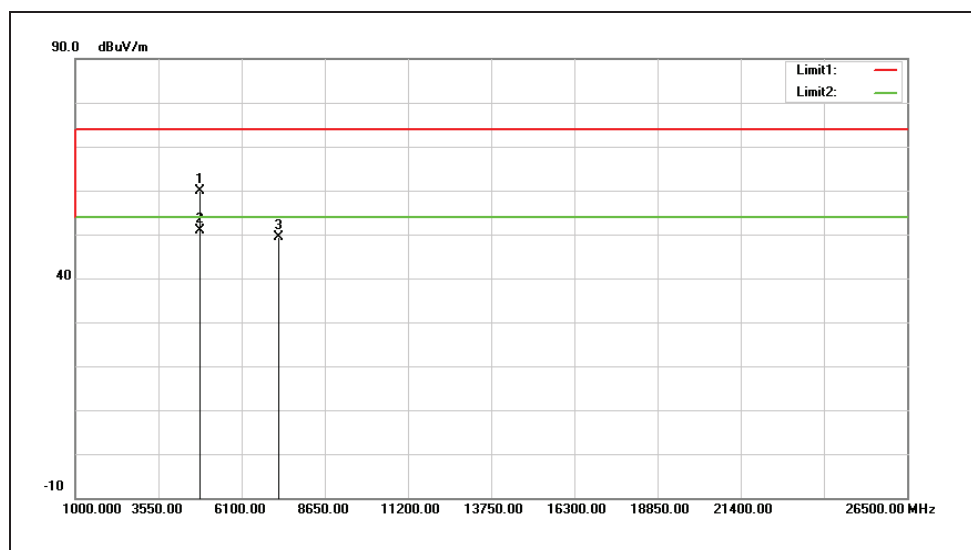
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	61.08	-1.25	59.83	74.00	-14.17	peak
2	4824.000	52.23	-1.25	50.98	54.00	-3.02	AVG
3	7236.000	43.53	5.85	49.38	74.00	-24.62	peak

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

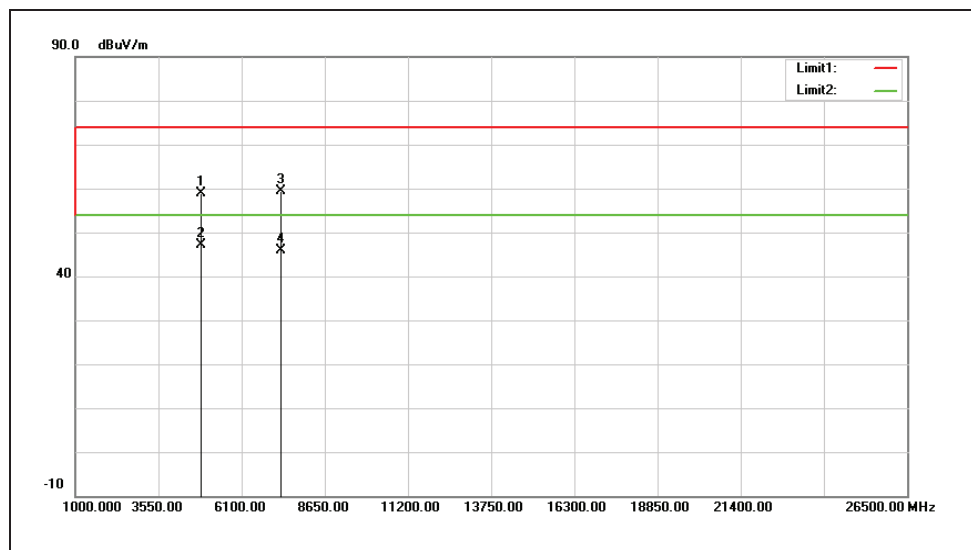
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	59.88	-1.12	58.76	74.00	-15.24	peak
2	4874.000	48.24	-1.12	47.12	54.00	-6.88	AVG
3	7311.000	53.15	6.11	59.26	74.00	-14.74	peak
4	7311.000	39.71	6.11	45.82	54.00	-8.18	AVG

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

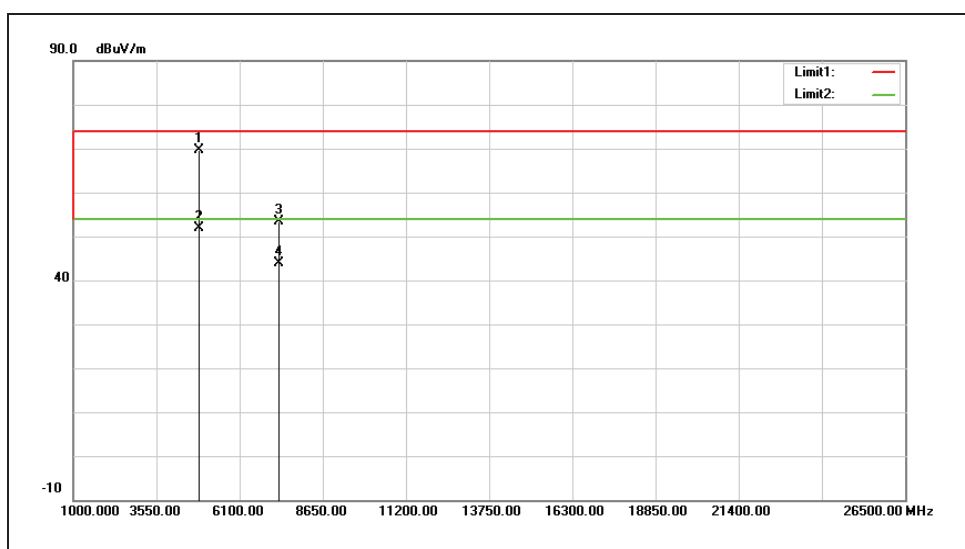
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	70.64	-1.12	69.52	74.00	-4.48	peak
2	4874.000	53.11	-1.12	51.99	54.00	-2.01	AVG
3	7311.000	47.21	6.11	53.32	74.00	-20.68	peak
4	7311.000	37.71	6.11	43.82	54.00	-10.18	AVG

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

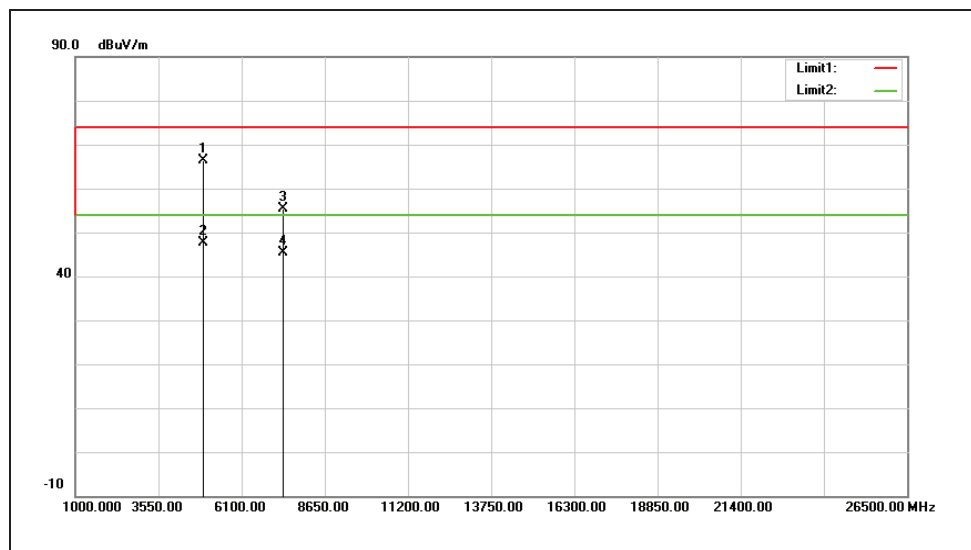
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	67.47	-0.99	66.48	74.00	-7.52	peak
2	4924.000	48.61	-0.99	47.62	54.00	-6.38	AVG
3	7386.000	48.95	6.38	55.33	74.00	-18.67	peak
4	7386.000	38.89	6.38	45.27	54.00	-8.73	AVG

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

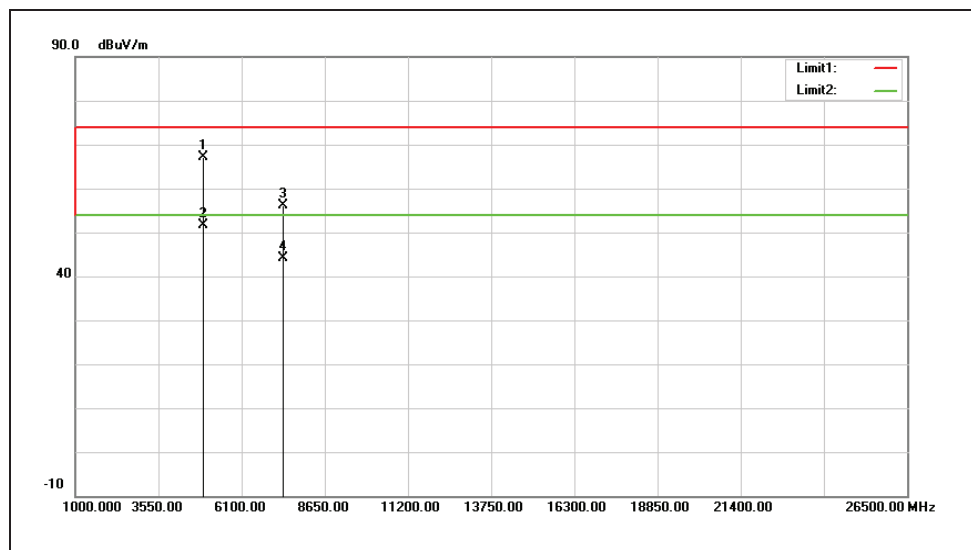
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	68.11	-0.99	67.12	74.00	-6.88	peak
2	4924.000	52.62	-0.99	51.63	54.00	-2.37	AVG
3	7386.000	49.70	6.38	56.08	74.00	-17.92	peak
4	7386.000	37.80	6.38	44.18	54.00	-9.82	AVG

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

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

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

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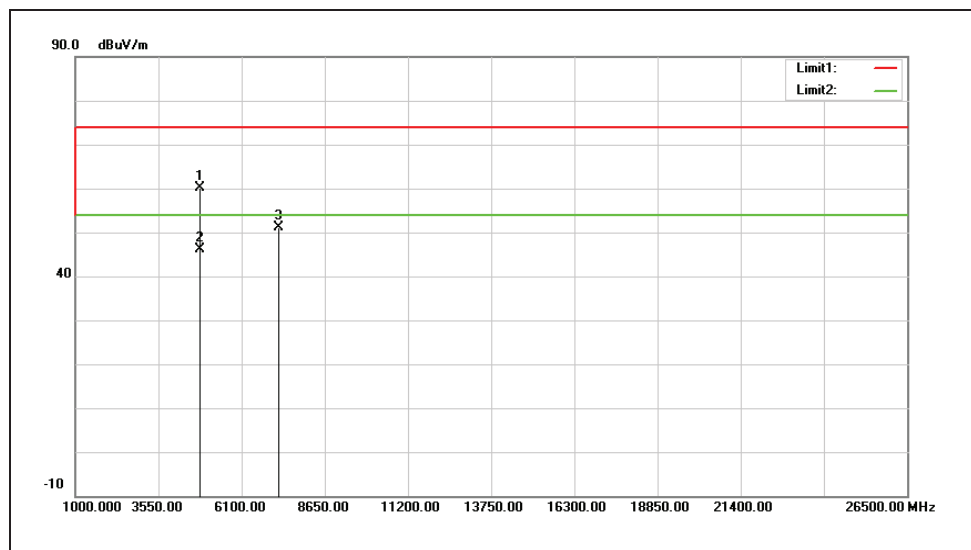
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	61.39	-1.25	60.14	74.00	-13.86	peak
2	4824.000	47.37	-1.25	46.12	54.00	-7.88	AVG
3	7236.000	45.36	5.85	51.21	74.00	-22.79	peak

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

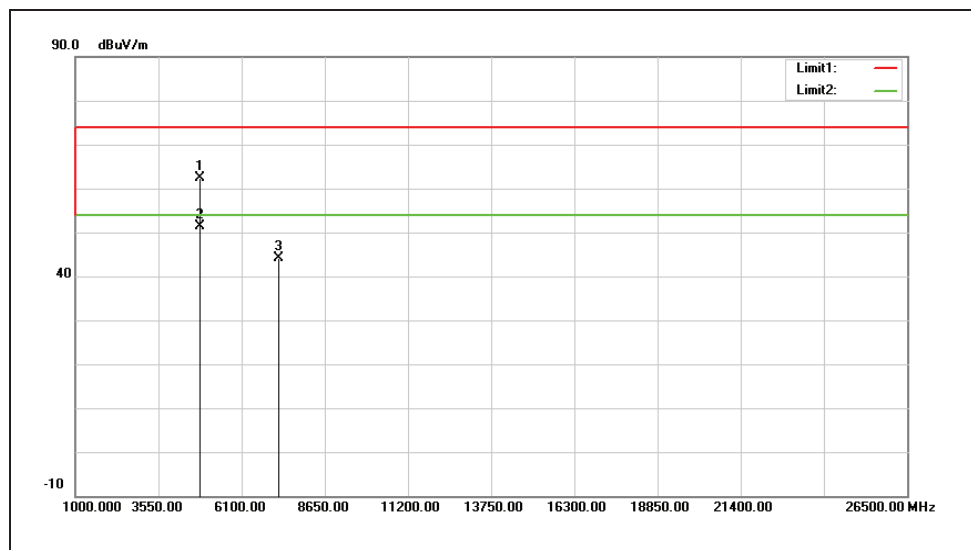
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) - Pre-Amplifier gain (dB).

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:	Harmonic		
Frequency:	2412MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	63.55	-1.25	62.30	74.00	-11.70	peak
2	4824.000	52.61	-1.25	51.36	54.00	-2.64	AVG
3	7236.000	38.24	5.85	44.09	74.00	-29.91	peak

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

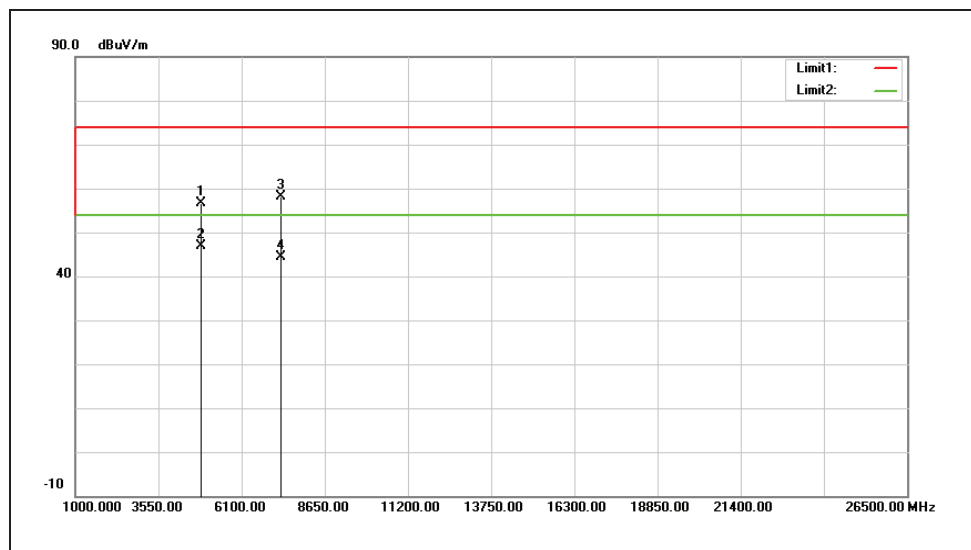
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	57.83	-1.12	56.71	74.00	-17.29	peak
2	4874.000	47.92	-1.12	46.80	54.00	-7.20	AVG
3	7311.000	52.13	6.11	58.24	74.00	-15.76	peak
4	7311.000	38.39	6.11	44.50	54.00	-9.50	AVG

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

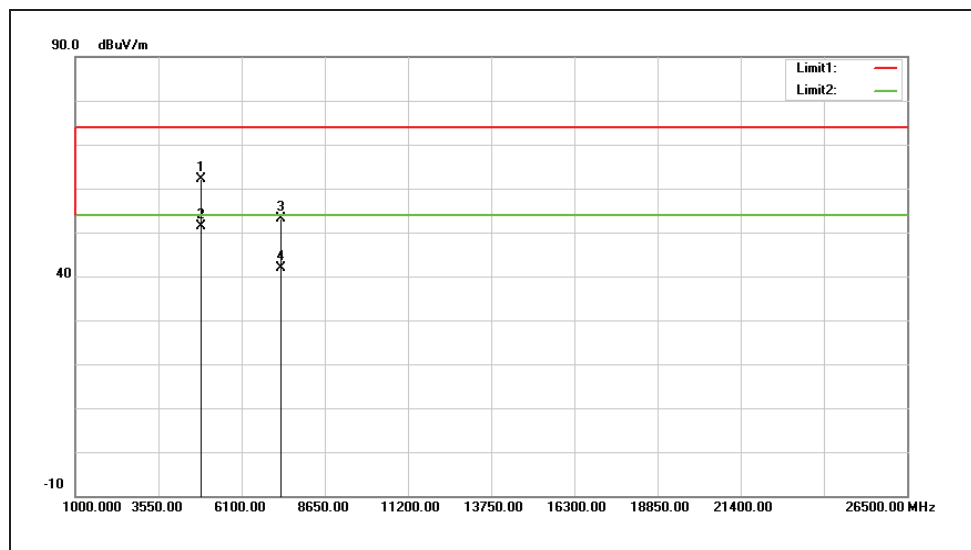
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	63.22	-1.12	62.10	74.00	-11.90	peak
2	4874.000	52.48	-1.12	51.36	54.00	-2.64	AVG
3	7311.000	47.03	6.11	53.14	74.00	-20.86	peak
4	7311.000	35.89	6.11	42.00	54.00	-12.00	AVG

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

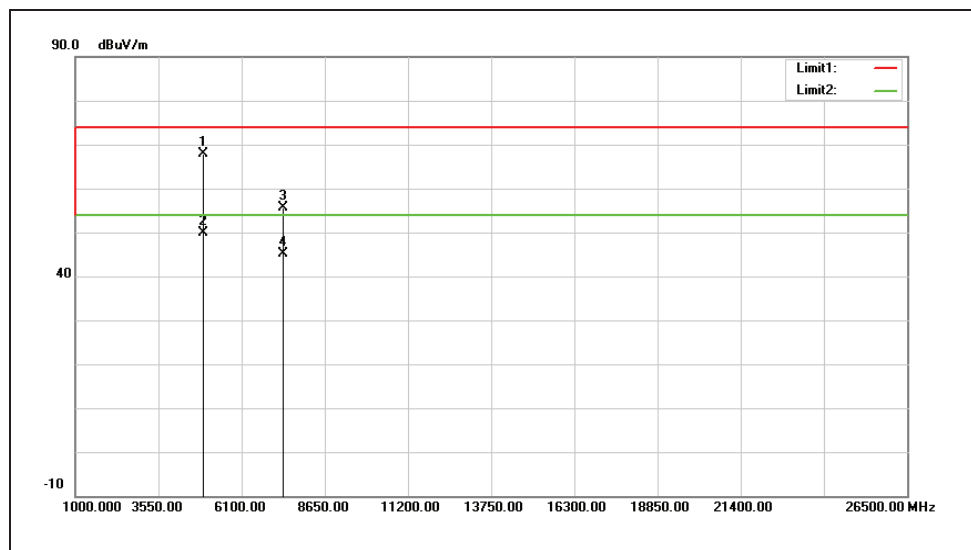
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	68.91	-0.99	67.92	74.00	-6.08	peak
2	4924.000	50.98	-0.99	49.99	54.00	-4.01	AVG
3	7386.000	49.17	6.38	55.55	74.00	-18.45	peak
4	7386.000	38.84	6.38	45.22	54.00	-8.78	AVG

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

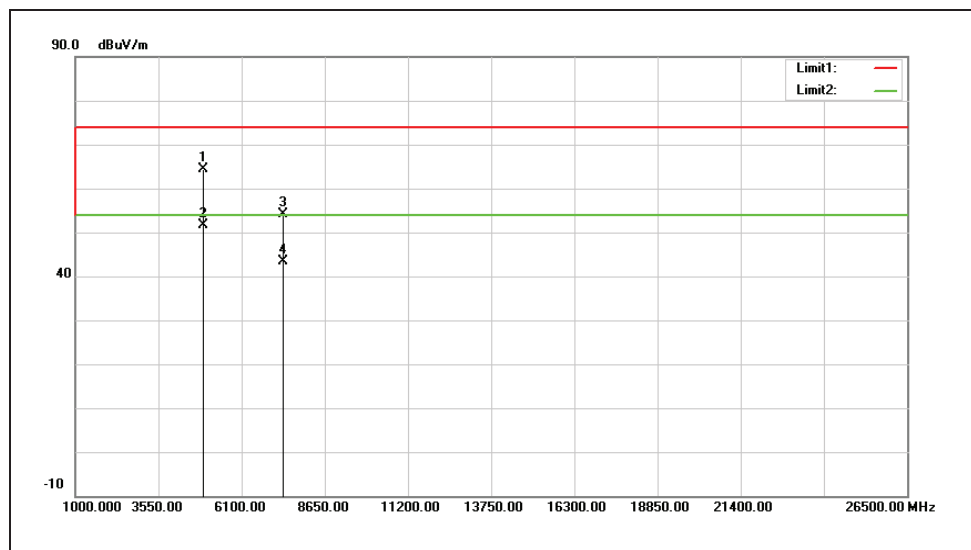
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	65.32	-0.99	64.33	74.00	-9.67	peak
2	4924.000	52.72	-0.99	51.73	54.00	-2.27	AVG
3	7386.000	47.85	6.38	54.23	74.00	-19.77	peak
4	7386.000	37.02	6.38	43.40	54.00	-10.60	AVG

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

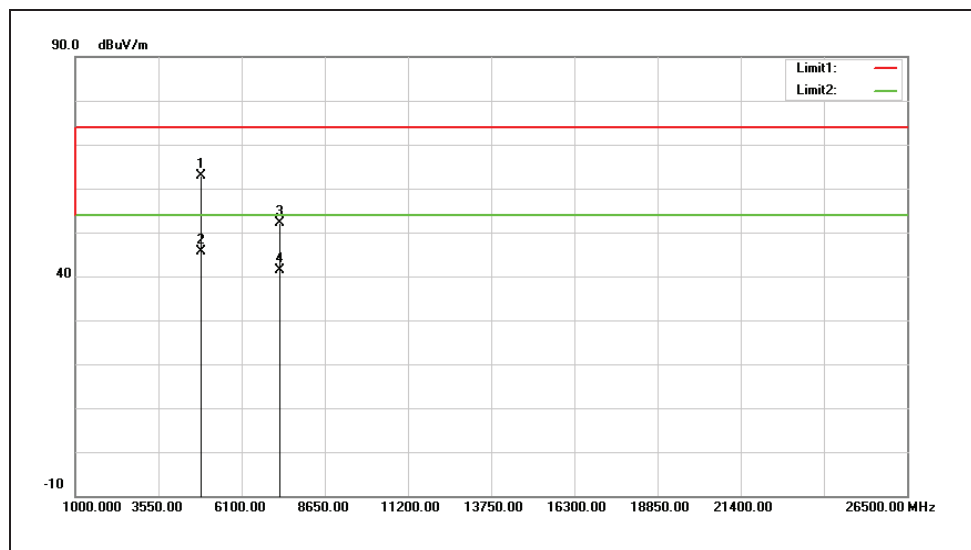
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	64.09	-1.19	62.90	74.00	-11.10	peak
2	4844.000	46.79	-1.19	45.60	54.00	-8.40	AVG
3	7266.000	46.10	5.95	52.05	74.00	-21.95	peak
4	7266.000	35.53	5.95	41.48	54.00	-12.52	AVG

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

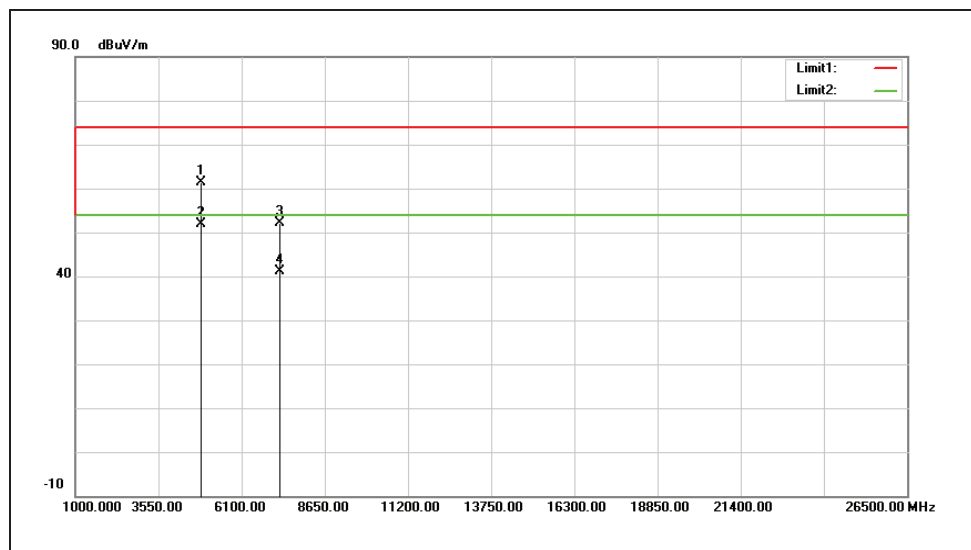
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	62.56	-1.19	61.37	74.00	-12.63	peak
2	4844.000	52.95	-1.19	51.76	54.00	-2.24	AVG
3	7266.000	46.19	5.95	52.14	74.00	-21.86	peak
4	7266.000	35.20	5.95	41.15	54.00	-12.85	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.

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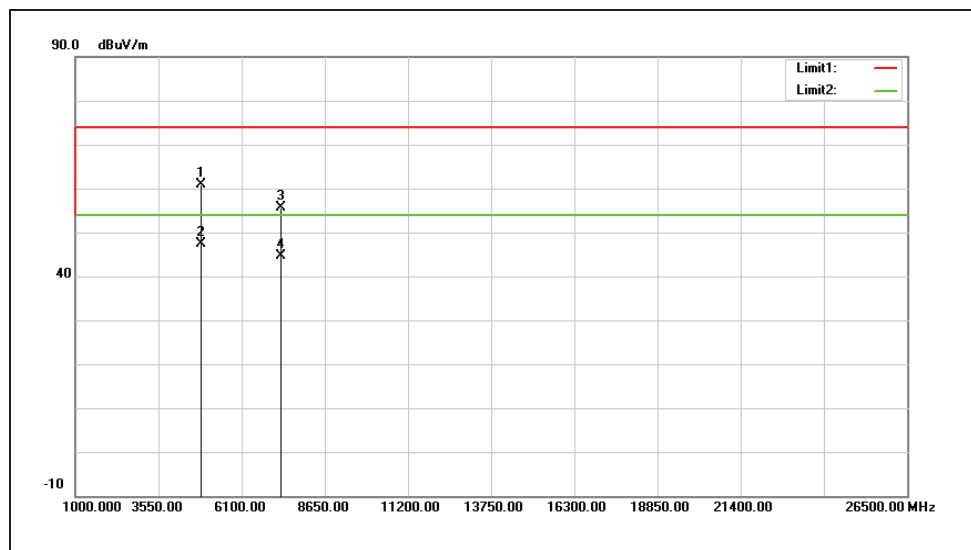
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	62.05	-1.12	60.93	74.00	-13.07	peak
2	4874.000	48.62	-1.12	47.50	54.00	-6.50	AVG
3	7311.000	49.46	6.11	55.57	74.00	-18.43	peak
4	7311.000	38.61	6.11	44.72	54.00	-9.28	AVG

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

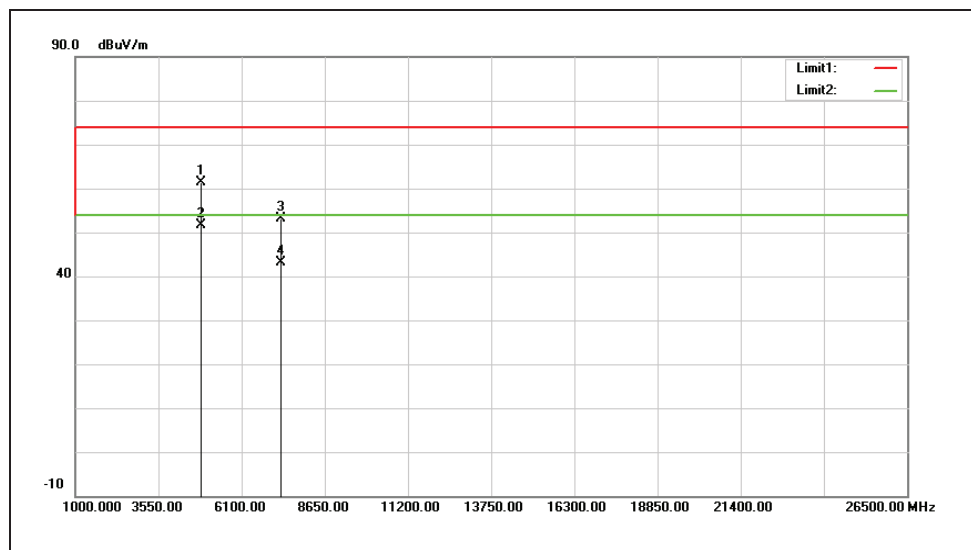
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	62.42	-1.12	61.30	74.00	-12.70	peak
2	4874.000	52.74	-1.12	51.62	54.00	-2.38	AVG
3	7311.000	47.09	6.11	53.20	74.00	-20.80	peak
4	7311.000	36.97	6.11	43.08	54.00	-10.92	AVG

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

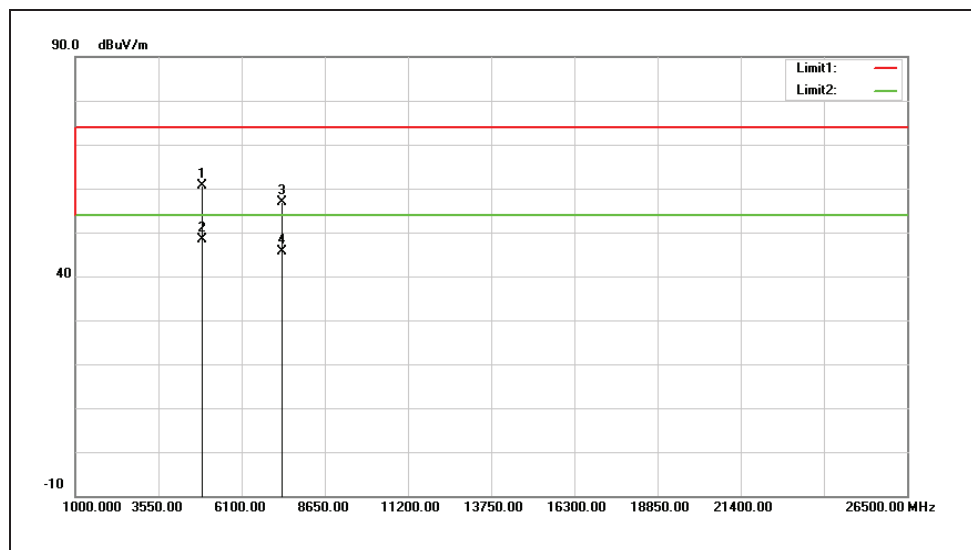
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	61.55	-1.04	60.51	74.00	-13.49	peak
2	4904.000	49.34	-1.04	48.30	54.00	-5.70	AVG
3	7356.000	50.59	6.27	56.86	74.00	-17.14	peak
4	7356.000	39.32	6.27	45.59	54.00	-8.41	AVG

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

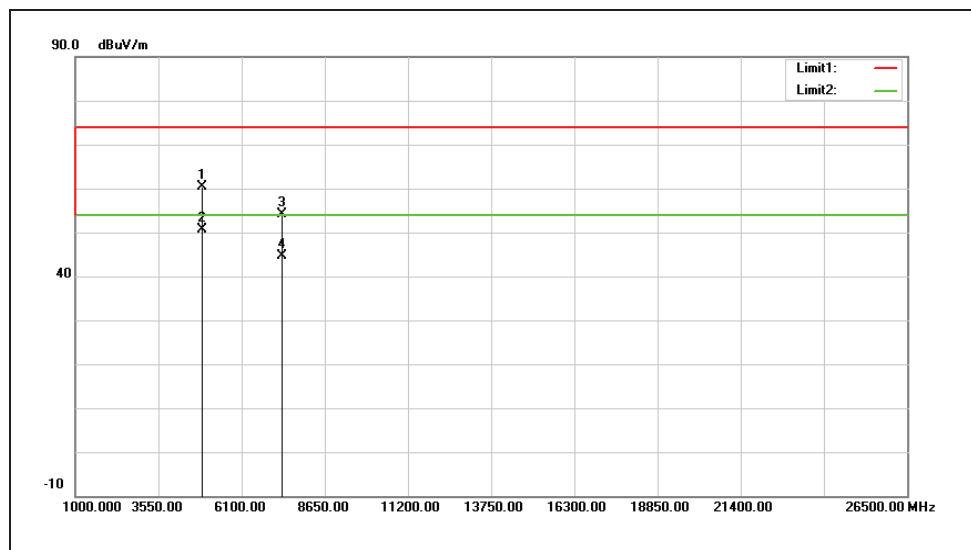
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	61.38	-1.04	60.34	74.00	-13.66	peak
2	4904.000	51.71	-1.04	50.67	54.00	-3.33	AVG
3	7356.000	47.94	6.27	54.21	74.00	-19.79	peak
4	7356.000	38.40	6.27	44.67	54.00	-9.33	AVG

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

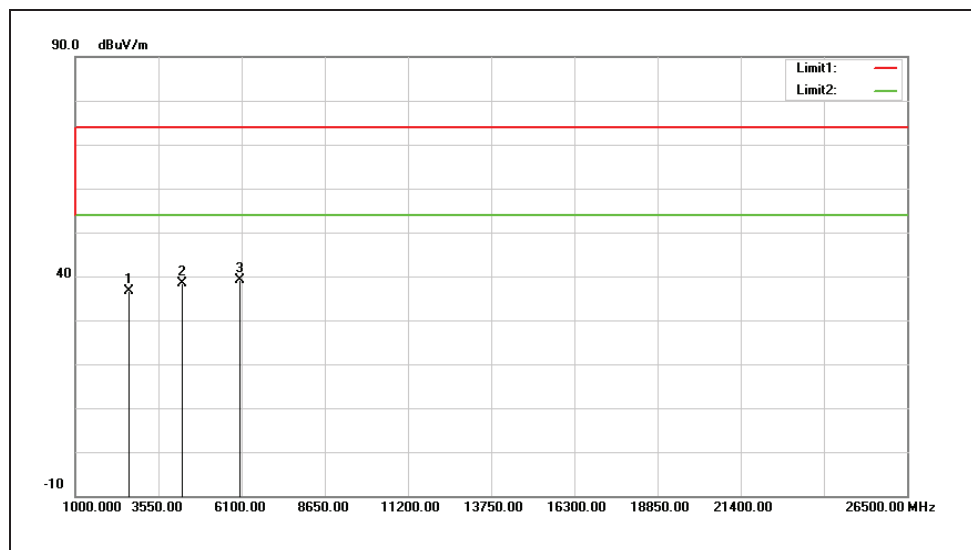
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 12		
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2649.000	43.41	-6.66	36.75	74.00	-37.25	peak
2	4281.000	41.17	-2.74	38.43	74.00	-35.57	peak
3	6049.000	37.33	1.74	39.07	74.00	-34.93	peak

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

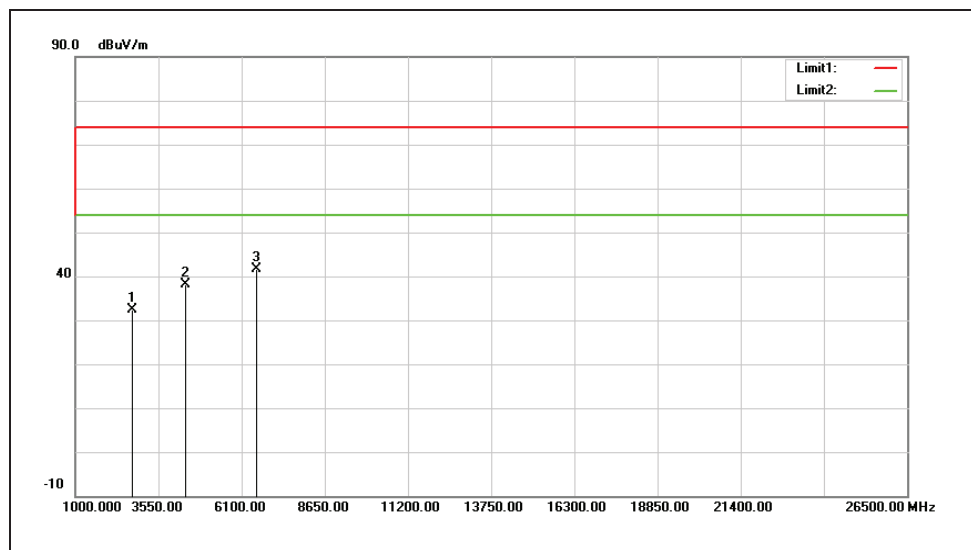
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) - Pre-Amplifier gain (dB).

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

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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 12		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2717.000	38.67	-6.39	32.28	74.00	-41.72	peak
2	4349.000	40.75	-2.55	38.20	74.00	-35.80	peak
3	6559.000	38.14	3.54	41.68	74.00	-32.32	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).

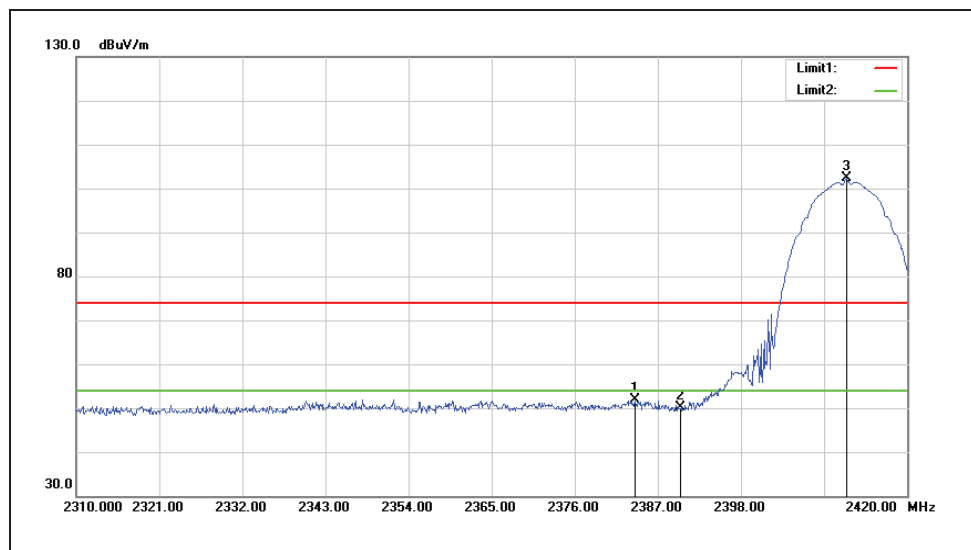
3. When the peak results are less than average limit, so not need to evaluate the average.

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2383.920	59.70	-7.75	51.95	74.00	-22.05	peak
2	2390.000	57.88	-7.72	50.16	74.00	-23.84	peak
3	2411.970	109.89	-7.63	102.26	--	--	peak

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

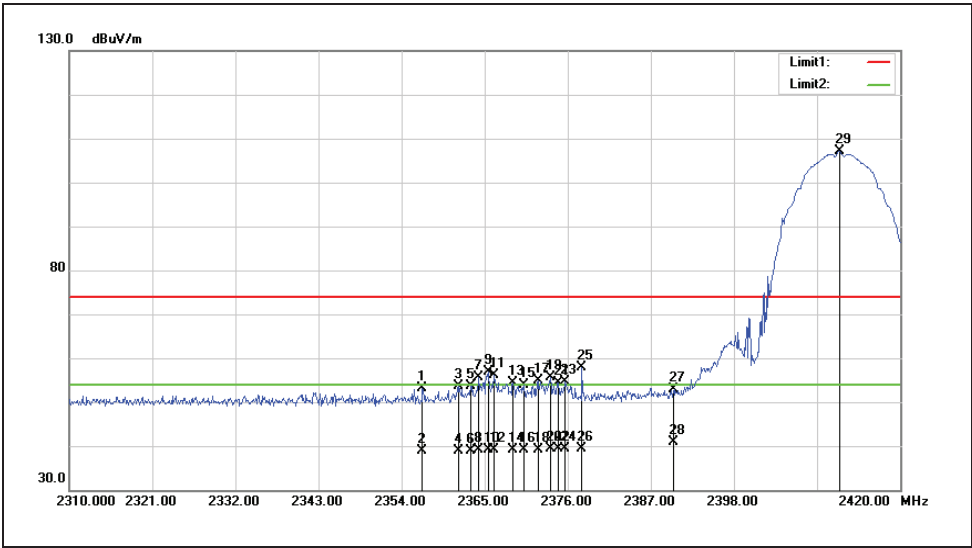
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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Test item:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2356.750	61.06	-7.86	53.20	74.00	-20.80	peak
2	2356.750	46.67	-7.86	38.81	54.00	-15.19	AVG
3	2361.480	61.43	-7.84	53.59	74.00	-20.41	peak
4	2361.480	46.72	-7.84	38.88	54.00	-15.12	AVG
5	2363.130	61.51	-7.83	53.68	74.00	-20.32	peak
6	2363.130	46.75	-7.83	38.92	54.00	-15.08	AVG
7	2364.230	63.41	-7.83	55.58	74.00	-18.42	peak
8	2364.230	46.89	-7.83	39.06	54.00	-14.94	AVG
9	2365.440	64.73	-7.82	56.91	74.00	-17.09	peak
10	2365.440	46.90	-7.82	39.08	54.00	-14.92	AVG
11	2366.210	64.06	-7.82	56.24	74.00	-17.76	peak
12	2366.210	46.99	-7.82	39.17	54.00	-14.83	AVG
13	2368.740	62.10	-7.80	54.30	74.00	-19.70	peak
14	2368.740	47.00	-7.80	39.20	54.00	-14.80	AVG
15	2370.170	61.73	-7.80	53.93	74.00	-20.07	peak
16	2370.170	47.04	-7.80	39.24	54.00	-14.76	AVG
17	2372.040	62.55	-7.78	54.77	74.00	-19.23	peak
18	2372.040	47.01	-7.78	39.23	54.00	-14.77	AVG
19	2373.690	63.45	-7.78	55.67	74.00	-18.33	peak
20	2373.690	47.08	-7.78	39.30	54.00	-14.70	AVG

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

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

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

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2374.790	62.18	-7.78	54.40	74.00	-19.60	peak
22	2374.790	47.08	-7.78	39.30	54.00	-14.70	AVG
23	2375.670	62.40	-7.77	54.63	74.00	-19.37	peak
24	2375.670	47.08	-7.77	39.31	54.00	-14.69	AVG
25	2377.870	65.69	-7.77	57.92	74.00	-16.08	peak
26	2377.870	47.06	-7.77	39.29	54.00	-14.71	AVG
27	2390.000	60.52	-7.72	52.80	74.00	-21.20	peak
28	2390.000	48.68	-7.72	40.96	54.00	-13.04	AVG
29	2411.970	114.78	-7.63	107.15	--	--	peak

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

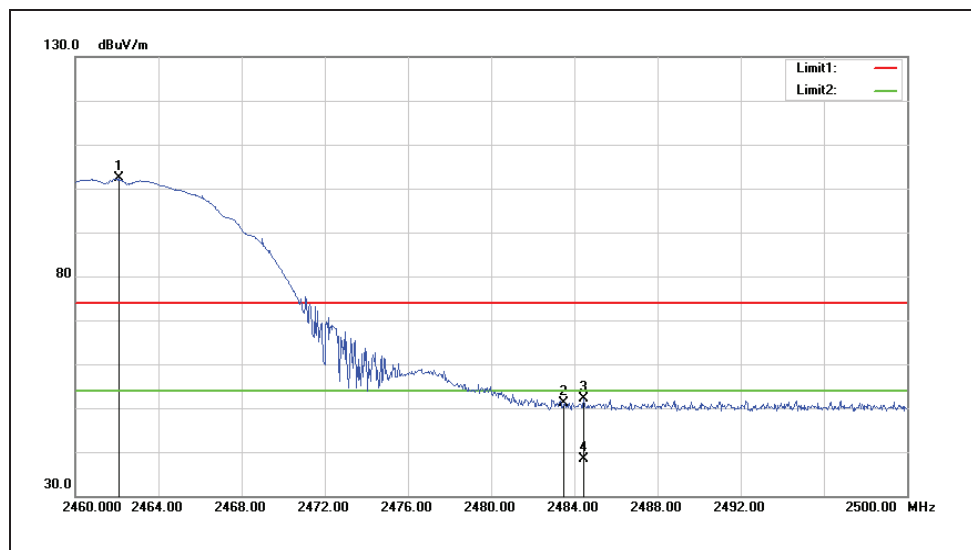
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.080	109.73	-7.42	102.31	--	--	peak
2	2483.500	58.36	-7.34	51.02	74.00	-22.98	peak
3	2484.440	59.59	-7.34	52.25	74.00	-21.75	peak
4	2484.440	45.70	-7.34	38.36	54.00	-15.64	AVG

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

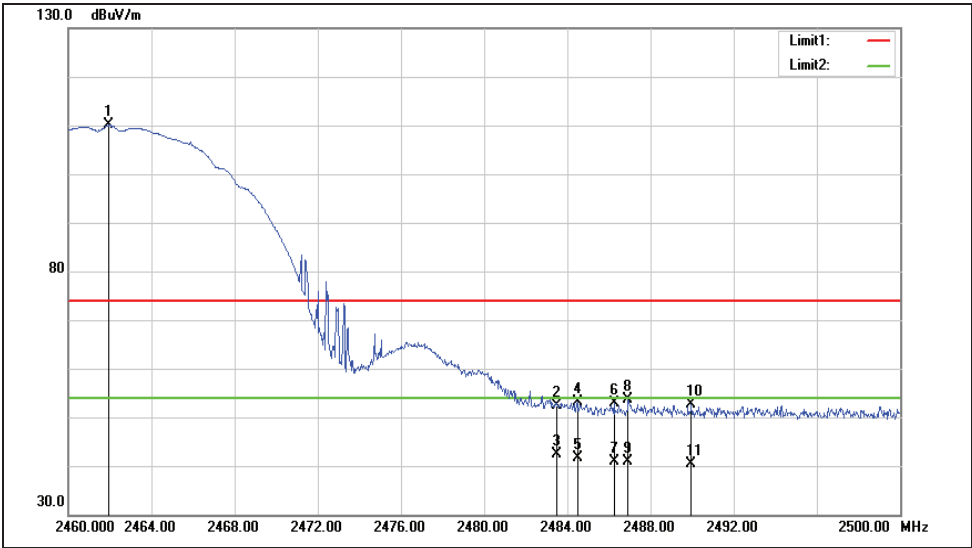
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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Test item:	Band edge		
Frequency:	2462MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2461.960	117.52	-7.42	110.10	--	--	peak
2	2483.500	59.81	-7.34	52.47	74.00	-21.53	peak
3	2483.500	49.75	-7.34	42.41	54.00	-11.59	AVG
4	2484.480	60.38	-7.34	53.04	74.00	-20.96	peak
5	2484.480	48.88	-7.34	41.54	54.00	-12.46	AVG
6	2486.240	60.12	-7.32	52.80	74.00	-21.20	peak
7	2486.240	48.31	-7.32	40.99	54.00	-13.01	AVG
8	2486.920	60.86	-7.32	53.54	74.00	-20.46	peak
9	2486.920	48.11	-7.32	40.79	54.00	-13.21	AVG
10	2489.960	59.84	-7.31	52.53	74.00	-21.47	peak
11	2489.960	47.63	-7.31	40.32	54.00	-13.68	AVG

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

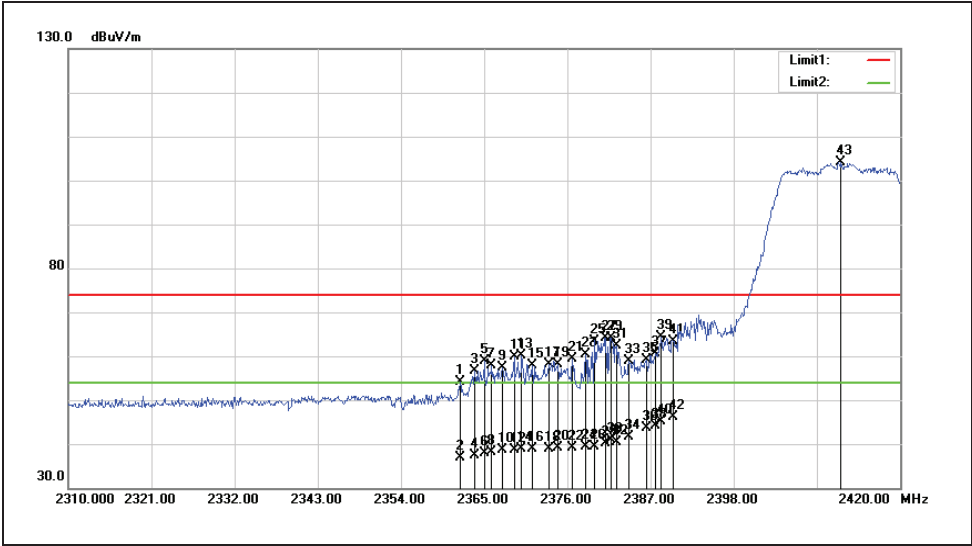
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2361.810	61.87	-7.83	54.04	74.00	-19.96	peak
2	2361.810	44.78	-7.83	36.95	54.00	-17.05	AVG
3	2363.680	64.39	-7.83	56.56	74.00	-17.44	peak
4	2363.680	45.11	-7.83	37.28	54.00	-16.72	AVG
5	2365.000	66.61	-7.83	58.78	74.00	-15.22	peak
6	2365.000	45.67	-7.83	37.84	54.00	-16.16	AVG
7	2365.990	65.81	-7.82	57.99	74.00	-16.01	peak
8	2365.990	46.05	-7.82	38.23	54.00	-15.77	AVG
9	2367.420	65.20	-7.82	57.38	74.00	-16.62	peak
10	2367.420	46.44	-7.82	38.62	54.00	-15.38	AVG
11	2368.960	67.80	-7.80	60.00	74.00	-14.00	peak
12	2368.960	46.50	-7.80	38.70	54.00	-15.30	AVG
13	2369.950	67.87	-7.80	60.07	74.00	-13.93	peak
14	2369.950	46.56	-7.80	38.76	54.00	-15.24	AVG
15	2371.380	65.63	-7.80	57.83	74.00	-16.17	peak
16	2371.380	46.64	-7.80	38.84	54.00	-15.16	AVG
17	2373.580	65.80	-7.78	58.02	74.00	-15.98	peak
18	2373.580	46.75	-7.78	38.97	54.00	-15.03	AVG
19	2374.790	65.80	-7.78	58.02	74.00	-15.98	peak
20	2374.790	46.79	-7.78	39.01	54.00	-14.99	AVG

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

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

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

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2376.660	67.09	-7.77	59.32	74.00	-14.68	peak
22	2376.660	47.00	-7.77	39.23	54.00	-14.77	AVG
23	2378.420	68.04	-7.76	60.28	74.00	-13.72	peak
24	2378.420	47.10	-7.76	39.34	54.00	-14.66	AVG
25	2379.630	71.26	-7.76	63.50	74.00	-10.50	peak
26	2379.630	47.16	-7.76	39.40	54.00	-14.60	AVG
27	2381.060	71.99	-7.76	64.23	74.00	-9.77	peak
28	2381.060	47.94	-7.76	40.18	54.00	-13.82	AVG
29	2381.720	71.92	-7.75	64.17	74.00	-9.83	peak
30	2381.720	48.62	-7.75	40.87	54.00	-13.13	AVG
31	2382.490	70.06	-7.75	62.31	74.00	-11.69	peak
32	2382.490	48.10	-7.75	40.35	54.00	-13.65	AVG
33	2384.140	66.63	-7.75	58.88	74.00	-15.12	peak
34	2384.140	49.46	-7.75	41.71	54.00	-12.29	AVG
35	2386.450	66.93	-7.73	59.20	74.00	-14.80	peak
36	2386.450	51.39	-7.73	43.66	54.00	-10.34	AVG
37	2387.660	68.36	-7.73	60.63	74.00	-13.37	peak
38	2387.660	51.98	-7.73	44.25	54.00	-9.75	AVG
39	2388.430	72.13	-7.72	64.41	74.00	-9.59	peak
40	2388.430	52.75	-7.72	45.03	54.00	-8.97	AVG
41	2390.000	70.99	-7.72	63.27	74.00	-10.73	peak
42	2390.000	53.96	-7.72	46.24	54.00	-7.76	AVG
43	2412.080	111.70	-7.63	104.07	--	--	peak

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

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

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

晶復科技股份有限公司

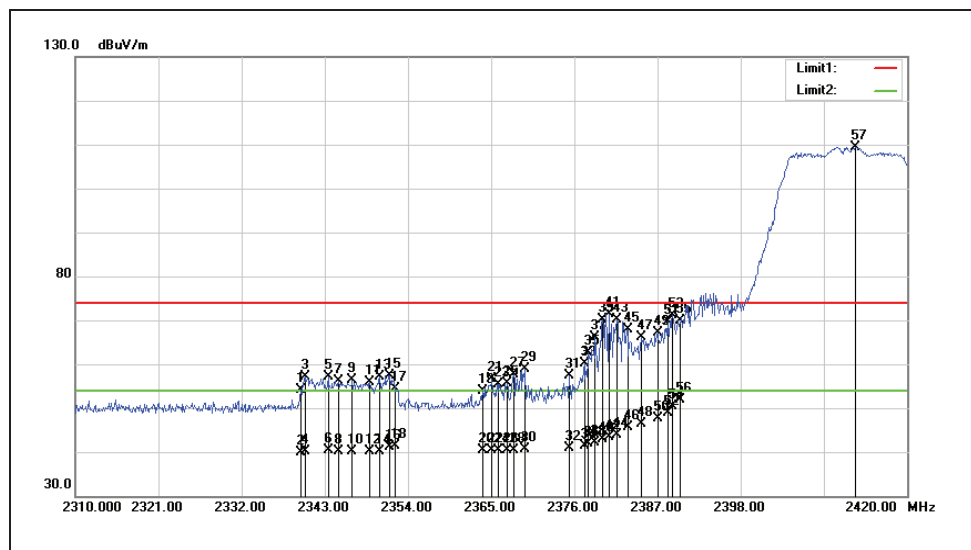
A Test Lab Techno Corp.

Report Number: 2104DR38

Rev.00

Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2339.810	61.96	-7.92	54.04	74.00	-19.96	peak
2	2339.810	47.77	-7.92	39.85	54.00	-14.15	AVG
3	2340.360	64.98	-7.92	57.06	74.00	-16.94	peak
4	2340.360	48.15	-7.92	40.23	54.00	-13.77	AVG
5	2343.440	65.10	-7.91	57.19	74.00	-16.81	peak
6	2343.440	48.29	-7.91	40.38	54.00	-13.62	AVG
7	2344.870	63.94	-7.90	56.04	74.00	-17.96	peak
8	2344.870	48.15	-7.90	40.25	54.00	-13.75	AVG
9	2346.630	64.17	-7.89	56.28	74.00	-17.72	peak
10	2346.630	48.07	-7.89	40.18	54.00	-13.82	AVG
11	2348.940	63.79	-7.88	55.91	74.00	-18.09	peak
12	2348.940	47.98	-7.88	40.10	54.00	-13.90	AVG
13	2350.260	64.93	-7.88	57.05	74.00	-16.95	peak
14	2350.260	48.05	-7.88	40.17	54.00	-13.83	AVG
15	2351.580	65.22	-7.88	57.34	74.00	-16.66	peak
16	2351.580	49.11	-7.88	41.23	54.00	-12.77	AVG
17	2352.350	62.21	-7.87	54.34	74.00	-19.66	peak
18	2352.350	49.16	-7.87	41.29	54.00	-12.71	AVG
19	2363.900	61.71	-7.83	53.88	74.00	-20.12	peak
20	2363.900	48.16	-7.83	40.33	54.00	-13.67	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.

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2365.110	64.35	-7.82	56.53	74.00	-17.47	peak
22	2365.110	48.20	-7.82	40.38	54.00	-13.62	AVG
23	2365.880	63.21	-7.82	55.39	74.00	-18.61	peak
24	2365.880	48.20	-7.82	40.38	54.00	-13.62	AVG
25	2367.090	63.39	-7.82	55.57	74.00	-18.43	peak
26	2367.090	48.22	-7.82	40.40	54.00	-13.60	AVG
27	2367.970	65.45	-7.81	57.64	74.00	-16.36	peak
28	2367.970	48.23	-7.81	40.42	54.00	-13.58	AVG
29	2369.400	66.68	-7.80	58.88	74.00	-15.12	peak
30	2369.400	48.52	-7.80	40.72	54.00	-13.28	AVG
31	2375.340	65.07	-7.77	57.30	74.00	-16.70	peak
32	2375.340	48.75	-7.77	40.98	54.00	-13.02	AVG
33	2377.320	67.92	-7.77	60.15	74.00	-13.85	peak
34	2377.320	49.17	-7.77	41.40	54.00	-12.60	AVG
35	2377.870	70.32	-7.77	62.55	74.00	-11.45	peak
36	2377.870	49.53	-7.77	41.76	54.00	-12.24	AVG
37	2378.750	73.93	-7.76	66.17	74.00	-7.83	peak
38	2378.750	49.95	-7.76	42.19	54.00	-11.81	AVG
39	2379.740	78.01	-7.76	70.25	74.00	-3.75	peak
40	2379.740	50.62	-7.76	42.86	54.00	-11.14	AVG

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

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

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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
41	2380.620	79.24	-7.76	71.48	74.00	-2.52	peak
42	2380.620	51.09	-7.76	43.33	54.00	-10.67	AVG
43	2381.610	77.83	-7.76	70.07	74.00	-3.93	peak
44	2381.610	51.73	-7.76	43.97	54.00	-10.03	AVG
45	2383.040	75.75	-7.75	68.00	74.00	-6.00	peak
46	2383.040	53.47	-7.75	45.72	54.00	-8.28	AVG
47	2384.910	73.80	-7.75	66.05	74.00	-7.95	peak
48	2384.910	54.20	-7.75	46.45	54.00	-7.55	AVG
49	2387.000	74.87	-7.73	67.14	74.00	-6.86	peak
50	2387.000	55.36	-7.73	47.63	54.00	-6.37	AVG
51	2388.320	77.35	-7.73	69.62	74.00	-4.38	peak
52	2388.320	56.60	-7.73	48.87	54.00	-5.13	AVG
53	2388.980	78.94	-7.72	71.22	74.00	-2.78	peak
54	2388.980	58.05	-7.72	50.33	54.00	-3.67	AVG
55	2390.000	77.60	-7.72	69.88	74.00	-4.12	peak
56	2390.000	59.70	-7.72	51.98	54.00	-2.02	AVG
57	2413.180	117.07	-7.62	109.45	--	--	peak

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

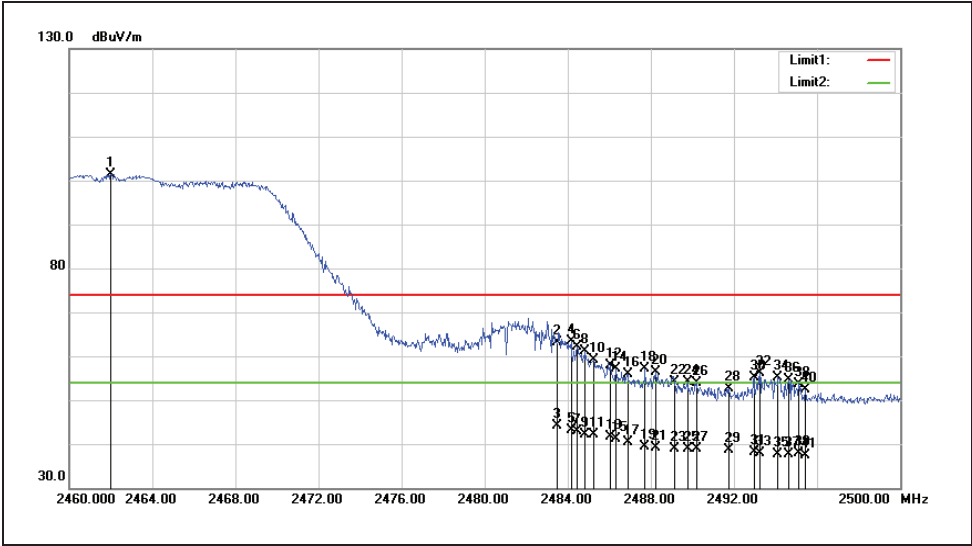
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
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Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	108.91	-7.42	101.49	--	--	peak
2	2483.500	70.40	-7.34	63.06	74.00	-10.94	peak
3	2483.500	51.37	-7.34	44.03	54.00	-9.97	AVG
4	2484.160	70.79	-7.34	63.45	74.00	-10.55	peak
5	2484.160	50.50	-7.34	43.16	54.00	-10.84	AVG
6	2484.440	69.37	-7.34	62.03	74.00	-11.97	peak
7	2484.440	50.22	-7.34	42.88	54.00	-11.12	AVG
8	2484.840	68.59	-7.34	61.25	74.00	-12.75	peak
9	2484.840	49.57	-7.34	42.23	54.00	-11.77	AVG
10	2485.240	66.39	-7.33	59.06	74.00	-14.94	peak
11	2485.240	49.35	-7.33	42.02	54.00	-11.98	AVG
12	2486.040	65.29	-7.32	57.97	74.00	-16.03	peak
13	2486.040	48.84	-7.32	41.52	54.00	-12.48	AVG
14	2486.320	64.35	-7.32	57.03	74.00	-16.97	peak
15	2486.320	48.39	-7.32	41.07	54.00	-12.93	AVG
16	2486.880	63.16	-7.32	55.84	74.00	-18.16	peak
17	2486.880	47.75	-7.32	40.43	54.00	-13.57	AVG
18	2487.720	64.53	-7.32	57.21	74.00	-16.79	peak
19	2487.720	46.78	-7.32	39.46	54.00	-14.54	AVG
20	2488.240	63.80	-7.32	56.48	74.00	-17.52	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.

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2488.240	46.42	-7.32	39.10	54.00	-14.90	AVG
22	2489.160	61.38	-7.31	54.07	74.00	-19.93	peak
23	2489.160	46.25	-7.31	38.94	54.00	-15.06	AVG
24	2489.760	61.36	-7.31	54.05	74.00	-19.95	peak
25	2489.760	46.21	-7.31	38.90	54.00	-15.10	AVG
26	2490.200	61.16	-7.31	53.85	74.00	-20.15	peak
27	2490.200	46.18	-7.31	38.87	54.00	-15.13	AVG
28	2491.760	59.98	-7.30	52.68	74.00	-21.32	peak
29	2491.760	45.85	-7.30	38.55	54.00	-15.45	AVG
30	2492.960	62.33	-7.30	55.03	74.00	-18.97	peak
31	2492.960	45.50	-7.30	38.20	54.00	-15.80	AVG
32	2493.240	63.41	-7.30	56.11	74.00	-17.89	peak
33	2493.240	45.24	-7.30	37.94	54.00	-16.06	AVG
34	2494.120	62.54	-7.29	55.25	74.00	-18.75	peak
35	2494.120	44.99	-7.29	37.70	54.00	-16.30	AVG
36	2494.640	61.91	-7.29	54.62	74.00	-19.38	peak
37	2494.640	44.85	-7.29	37.56	54.00	-16.44	AVG
38	2495.120	61.03	-7.28	53.75	74.00	-20.25	peak
39	2495.120	45.12	-7.28	37.84	54.00	-16.16	AVG
40	2495.440	59.56	-7.28	52.28	74.00	-21.72	peak
41	2495.440	44.74	-7.28	37.46	54.00	-16.54	AVG

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

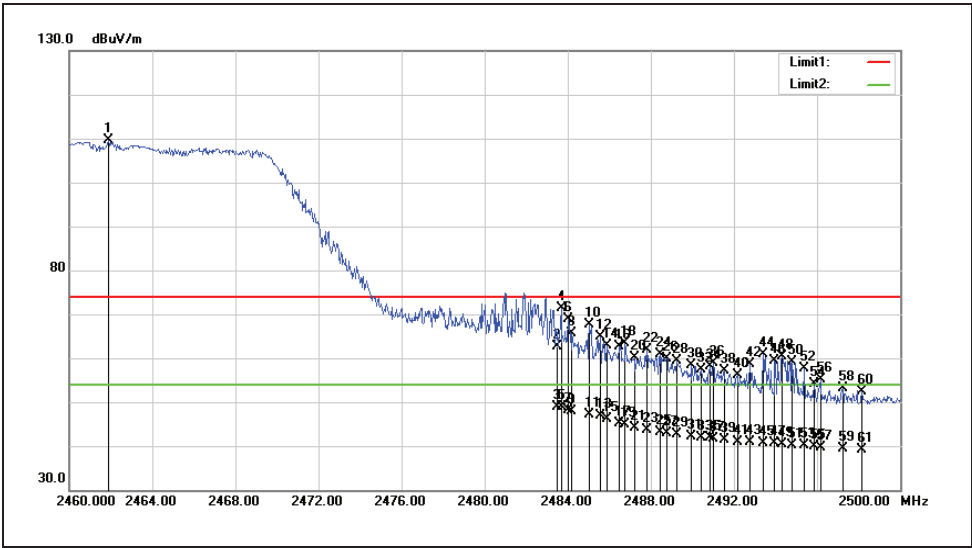
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2461.880	117.05	-7.42	109.63	--	--	peak
2	2483.500	70.08	-7.34	62.74	74.00	-11.26	peak
3	2483.500	56.34	-7.34	49.00	54.00	-5.00	AVG
4	2483.680	78.76	-7.34	71.42	74.00	-2.58	peak
5	2483.680	56.13	-7.34	48.79	54.00	-5.21	AVG
6	2484.000	76.10	-7.34	68.76	74.00	-5.24	peak
7	2484.000	55.51	-7.34	48.17	54.00	-5.83	AVG
8	2484.200	73.08	-7.34	65.74	74.00	-8.26	peak
9	2484.200	55.14	-7.34	47.80	54.00	-6.20	AVG
10	2485.040	75.01	-7.33	67.68	74.00	-6.32	peak
11	2485.040	54.53	-7.33	47.20	54.00	-6.80	AVG
12	2485.560	72.10	-7.32	64.78	74.00	-9.22	peak
13	2485.560	54.25	-7.32	46.93	54.00	-7.07	AVG
14	2485.880	70.16	-7.32	62.84	74.00	-11.16	peak
15	2485.880	53.34	-7.32	46.02	54.00	-7.98	AVG
16	2486.480	69.85	-7.32	62.53	74.00	-11.47	peak
17	2486.480	52.52	-7.32	45.20	54.00	-8.80	AVG
18	2486.760	70.75	-7.32	63.43	74.00	-10.57	peak
19	2486.760	52.09	-7.32	44.77	54.00	-9.23	AVG
20	2487.200	67.45	-7.32	60.13	74.00	-13.87	peak

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

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

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

晶復科技股份有限公司
A Test Lab Techno Corp.
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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2487.200	51.55	-7.32	44.23	54.00	-9.77	AVG
22	2487.800	69.08	-7.32	61.76	74.00	-12.24	peak
23	2487.800	51.01	-7.32	43.69	54.00	-10.31	AVG
24	2488.440	68.08	-7.31	60.77	74.00	-13.23	peak
25	2488.440	50.51	-7.31	43.20	54.00	-10.80	AVG
26	2488.760	67.30	-7.31	59.99	74.00	-14.01	peak
27	2488.760	50.27	-7.31	42.96	54.00	-11.04	AVG
28	2489.240	66.70	-7.31	59.39	74.00	-14.61	peak
29	2489.240	49.91	-7.31	42.60	54.00	-11.40	AVG
30	2489.960	65.75	-7.31	58.44	74.00	-15.56	peak
31	2489.960	49.49	-7.31	42.18	54.00	-11.82	AVG
32	2490.400	64.70	-7.31	57.39	74.00	-16.61	peak
33	2490.400	49.25	-7.31	41.94	54.00	-12.06	AVG
34	2490.840	65.38	-7.31	58.07	74.00	-15.93	peak
35	2490.840	49.12	-7.31	41.81	54.00	-12.19	AVG
36	2491.000	66.14	-7.31	58.83	74.00	-15.17	peak
37	2491.000	48.91	-7.31	41.60	54.00	-12.40	AVG
38	2491.520	64.45	-7.31	57.14	74.00	-16.86	peak
39	2491.520	48.60	-7.31	41.29	54.00	-12.71	AVG
40	2492.160	63.51	-7.30	56.21	74.00	-17.79	peak

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

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

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
41	2492.160	48.27	-7.30	40.97	54.00	-13.03	AVG
42	2492.760	65.93	-7.30	58.63	74.00	-15.37	peak
43	2492.760	48.14	-7.30	40.84	54.00	-13.16	AVG
44	2493.400	68.06	-7.29	60.77	74.00	-13.23	peak
45	2493.400	47.95	-7.29	40.66	54.00	-13.34	AVG
46	2493.960	66.70	-7.29	59.41	74.00	-14.59	peak
47	2493.960	47.82	-7.29	40.53	54.00	-13.47	AVG
48	2494.320	67.73	-7.29	60.44	74.00	-13.56	peak
49	2494.320	47.55	-7.29	40.26	54.00	-13.74	AVG
50	2494.800	66.33	-7.29	59.04	74.00	-14.96	peak
51	2494.800	47.40	-7.29	40.11	54.00	-13.89	AVG
52	2495.360	64.99	-7.28	57.71	74.00	-16.29	peak
53	2495.360	47.35	-7.28	40.07	54.00	-13.93	AVG
54	2495.840	61.53	-7.28	54.25	74.00	-19.75	peak
55	2495.840	47.10	-7.28	39.82	54.00	-14.18	AVG
56	2496.160	62.36	-7.28	55.08	74.00	-18.92	peak
57	2496.160	46.89	-7.28	39.61	54.00	-14.39	AVG
58	2497.240	60.35	-7.28	53.07	74.00	-20.93	peak
59	2497.240	46.68	-7.28	39.40	54.00	-14.60	AVG
60	2498.160	59.67	-7.28	52.39	74.00	-21.61	peak
61	2498.160	46.47	-7.28	39.19	54.00	-14.81	AVG

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

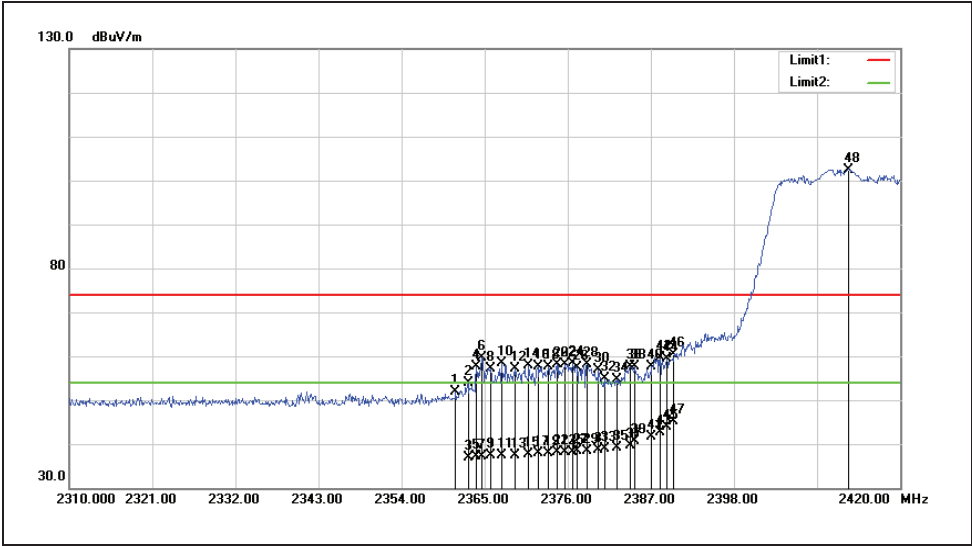
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
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Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2361.150	59.78	-7.84	51.94	74.00	-22.06	peak
2	2362.800	61.66	-7.83	53.83	74.00	-20.17	peak
3	2362.800	44.73	-7.83	36.90	54.00	-17.10	AVG
4	2363.900	65.38	-7.83	57.55	74.00	-16.45	peak
5	2363.900	44.94	-7.83	37.11	54.00	-16.89	AVG
6	2364.670	67.42	-7.83	59.59	74.00	-14.41	peak
7	2364.670	45.08	-7.83	37.25	54.00	-16.75	AVG
8	2365.770	65.05	-7.82	57.23	74.00	-16.77	peak
9	2365.770	45.12	-7.82	37.30	54.00	-16.70	AVG
10	2367.200	66.25	-7.82	58.43	74.00	-15.57	peak
11	2367.200	45.13	-7.82	37.31	54.00	-16.69	AVG
12	2369.070	64.83	-7.80	57.03	74.00	-16.97	peak
13	2369.070	45.25	-7.80	37.45	54.00	-16.55	AVG
14	2370.830	65.58	-7.80	57.78	74.00	-16.22	peak
15	2370.830	45.48	-7.80	37.68	54.00	-16.32	AVG
16	2372.040	65.43	-7.78	57.65	74.00	-16.35	peak
17	2372.040	45.58	-7.78	37.80	54.00	-16.20	AVG
18	2373.470	65.51	-7.78	57.73	74.00	-16.27	peak
19	2373.470	45.72	-7.78	37.94	54.00	-16.06	AVG
20	2374.570	65.81	-7.78	58.03	74.00	-15.97	peak

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

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

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

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2374.570	45.80	-7.78	38.02	54.00	-15.98	AVG
22	2375.670	65.96	-7.77	58.19	74.00	-15.81	peak
23	2375.670	45.90	-7.77	38.13	54.00	-15.87	AVG
24	2376.660	66.16	-7.77	58.39	74.00	-15.61	peak
25	2376.660	45.99	-7.77	38.22	54.00	-15.78	AVG
26	2377.210	65.27	-7.77	57.50	74.00	-16.50	peak
27	2377.210	46.10	-7.77	38.33	54.00	-15.67	AVG
28	2378.530	65.77	-7.76	58.01	74.00	-15.99	peak
29	2378.530	46.22	-7.76	38.46	54.00	-15.54	AVG
30	2380.070	64.69	-7.76	56.93	74.00	-17.07	peak
31	2380.070	46.34	-7.76	38.58	54.00	-15.42	AVG
32	2380.840	62.74	-7.76	54.98	74.00	-19.02	peak
33	2380.840	46.58	-7.76	38.82	54.00	-15.18	AVG
34	2382.490	62.33	-7.75	54.58	74.00	-19.42	peak
35	2382.490	46.80	-7.75	39.05	54.00	-14.95	AVG
36	2384.250	65.30	-7.75	57.55	74.00	-16.45	peak
37	2384.250	47.44	-7.75	39.69	54.00	-14.31	AVG
38	2384.910	65.40	-7.75	57.65	74.00	-16.35	peak
39	2384.910	48.30	-7.75	40.55	54.00	-13.45	AVG
40	2387.110	65.46	-7.73	57.73	74.00	-16.27	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).

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
41	2387.110	49.43	-7.73	41.70	54.00	-12.30	AVG
42	2388.210	67.38	-7.73	59.65	74.00	-14.35	peak
43	2388.210	50.48	-7.73	42.75	54.00	-11.25	AVG
44	2389.090	67.08	-7.72	59.36	74.00	-14.64	peak
45	2389.090	51.59	-7.72	43.87	54.00	-10.13	AVG
46	2390.000	68.15	-7.72	60.43	74.00	-13.57	peak
47	2390.000	52.81	-7.72	45.09	54.00	-8.91	AVG
48	2413.180	110.12	-7.62	102.50	--	--	peak

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

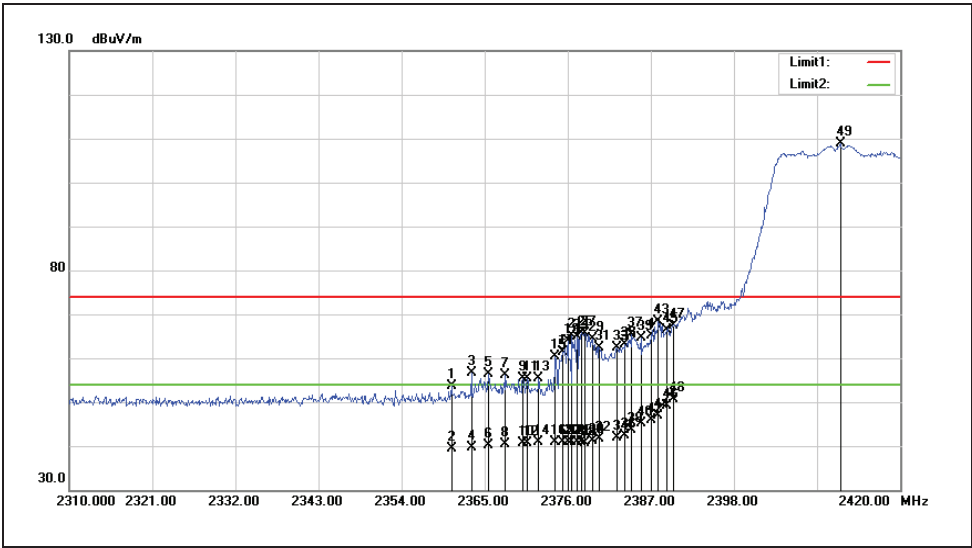
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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Test item:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2360.600	61.37	-7.84	53.53	74.00	-20.47	peak
2	2360.600	47.25	-7.84	39.41	54.00	-14.59	AVG
3	2363.240	64.42	-7.83	56.59	74.00	-17.41	peak
4	2363.240	47.53	-7.83	39.70	54.00	-14.30	AVG
5	2365.550	64.25	-7.82	56.43	74.00	-17.57	peak
6	2365.550	47.96	-7.82	40.14	54.00	-13.86	AVG
7	2367.750	63.83	-7.81	56.02	74.00	-17.98	peak
8	2367.750	48.15	-7.81	40.34	54.00	-13.66	AVG
9	2370.060	63.08	-7.80	55.28	74.00	-18.72	peak
10	2370.060	48.42	-7.80	40.62	54.00	-13.38	AVG
11	2370.610	63.10	-7.80	55.30	74.00	-18.70	peak
12	2370.610	48.50	-7.80	40.70	54.00	-13.30	AVG
13	2372.150	63.11	-7.78	55.33	74.00	-18.67	peak
14	2372.150	48.56	-7.78	40.78	54.00	-13.22	AVG
15	2374.350	68.20	-7.78	60.42	74.00	-13.58	peak
16	2374.350	48.68	-7.78	40.90	54.00	-13.10	AVG
17	2375.340	69.07	-7.77	61.30	74.00	-12.70	peak
18	2375.340	48.69	-7.77	40.92	54.00	-13.08	AVG
19	2376.000	71.66	-7.77	63.89	74.00	-10.11	peak
20	2376.000	48.72	-7.77	40.95	54.00	-13.05	AVG

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

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

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Test item:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2376.550	72.90	-7.77	65.13	74.00	-8.87	peak
22	2376.550	48.63	-7.77	40.86	54.00	-13.14	AVG
23	2377.210	72.61	-7.77	64.84	74.00	-9.16	peak
24	2377.210	48.59	-7.77	40.82	54.00	-13.18	AVG
25	2377.760	73.52	-7.77	65.75	74.00	-8.25	peak
26	2377.760	48.53	-7.77	40.76	54.00	-13.24	AVG
27	2378.310	73.45	-7.77	65.68	74.00	-8.32	peak
28	2378.310	48.48	-7.77	40.71	54.00	-13.29	AVG
29	2379.300	72.20	-7.76	64.44	74.00	-9.56	peak
30	2379.300	48.99	-7.76	41.23	54.00	-12.77	AVG
31	2380.180	70.05	-7.76	62.29	74.00	-11.71	peak
32	2380.180	49.44	-7.76	41.68	54.00	-12.32	AVG
33	2382.490	70.10	-7.75	62.35	74.00	-11.65	peak
34	2382.490	49.74	-7.75	41.99	54.00	-12.01	AVG
35	2383.590	70.84	-7.75	63.09	74.00	-10.91	peak
36	2383.590	50.10	-7.75	42.35	54.00	-11.65	AVG
37	2384.470	73.03	-7.75	65.28	74.00	-8.72	peak
38	2384.470	51.43	-7.75	43.68	54.00	-10.32	AVG
39	2385.680	72.45	-7.73	64.72	74.00	-9.28	peak
40	2385.680	52.75	-7.73	45.02	54.00	-8.98	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).

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
41	2387.000	72.74	-7.73	65.01	74.00	-8.99	peak
42	2387.000	53.69	-7.73	45.96	54.00	-8.04	AVG
43	2387.990	76.04	-7.73	68.31	74.00	-5.69	peak
44	2387.990	54.56	-7.73	46.83	54.00	-7.17	AVG
45	2389.090	74.03	-7.72	66.31	74.00	-7.69	peak
46	2389.090	56.80	-7.72	49.08	54.00	-4.92	AVG
47	2390.000	75.01	-7.72	67.29	74.00	-6.71	peak
48	2390.000	58.47	-7.72	50.75	54.00	-3.25	AVG
49	2412.080	116.40	-7.63	108.77	--	--	peak

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

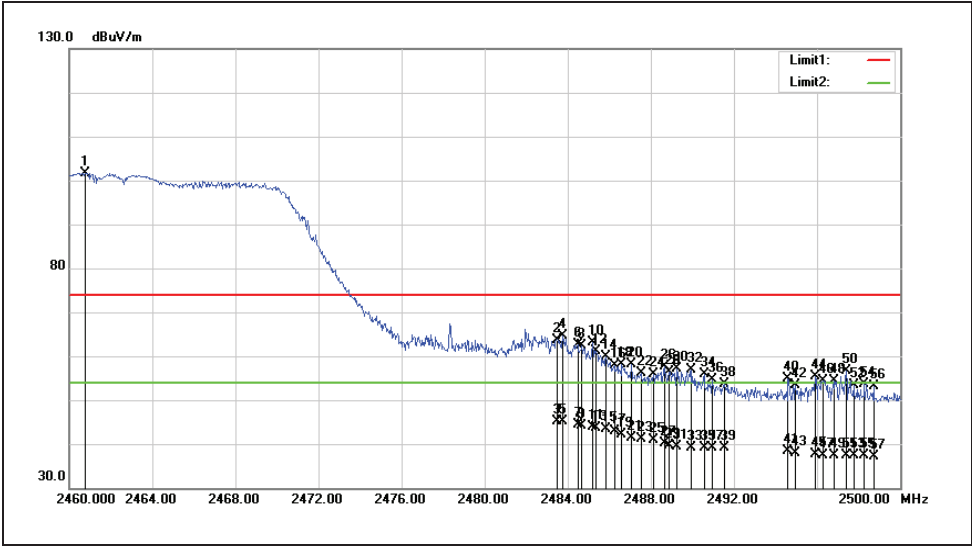
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.760	109.12	-7.43	101.69	--	--	peak
2	2483.500	71.07	-7.34	63.73	74.00	-10.27	peak
3	2483.500	52.58	-7.34	45.24	54.00	-8.76	AVG
4	2483.760	71.90	-7.34	64.56	74.00	-9.44	peak
5	2483.760	52.45	-7.34	45.11	54.00	-8.89	AVG
6	2484.480	69.98	-7.34	62.64	74.00	-11.36	peak
7	2484.480	51.65	-7.34	44.31	54.00	-9.69	AVG
8	2484.680	69.84	-7.34	62.50	74.00	-11.50	peak
9	2484.680	51.35	-7.34	44.01	54.00	-9.99	AVG
10	2485.200	70.38	-7.33	63.05	74.00	-10.95	peak
11	2485.200	51.12	-7.33	43.79	54.00	-10.21	AVG
12	2485.360	68.45	-7.32	61.13	74.00	-12.87	peak
13	2485.360	50.90	-7.32	43.58	54.00	-10.42	AVG
14	2485.840	67.16	-7.32	59.84	74.00	-14.16	peak
15	2485.840	50.81	-7.32	43.49	54.00	-10.51	AVG
16	2486.240	65.11	-7.32	57.79	74.00	-16.21	peak
17	2486.240	50.32	-7.32	43.00	54.00	-11.00	AVG
18	2486.600	65.39	-7.32	58.07	74.00	-15.93	peak
19	2486.600	49.38	-7.32	42.06	54.00	-11.94	AVG
20	2487.080	65.35	-7.32	58.03	74.00	-15.97	peak

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

2. Correction factor (dB/m) = Antenna Factor (dB/m) + 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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Test item:	Band edge		
Frequency:	2462MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2487.080	48.70	-7.32	41.38	54.00	-12.62	AVG
22	2487.520	63.33	-7.32	56.01	74.00	-17.99	peak
23	2487.520	48.34	-7.32	41.02	54.00	-12.98	AVG
24	2488.120	63.12	-7.32	55.80	74.00	-18.20	peak
25	2488.120	48.12	-7.32	40.80	54.00	-13.20	AVG
26	2488.640	64.90	-7.31	57.59	74.00	-16.41	peak
27	2488.640	47.46	-7.31	40.15	54.00	-13.85	AVG
28	2488.880	63.68	-7.31	56.37	74.00	-17.63	peak
29	2488.880	47.01	-7.31	39.70	54.00	-14.30	AVG
30	2489.240	64.53	-7.31	57.22	74.00	-16.78	peak
31	2489.240	46.76	-7.31	39.45	54.00	-14.55	AVG
32	2489.960	64.16	-7.31	56.85	74.00	-17.15	peak
33	2489.960	46.53	-7.31	39.22	54.00	-14.78	AVG
34	2490.560	63.23	-7.31	55.92	74.00	-18.08	peak
35	2490.560	46.36	-7.31	39.05	54.00	-14.95	AVG
36	2490.960	61.90	-7.31	54.59	74.00	-19.41	peak
37	2490.960	46.35	-7.31	39.04	54.00	-14.96	AVG
38	2491.560	61.02	-7.31	53.71	74.00	-20.29	peak
39	2491.560	46.36	-7.31	39.05	54.00	-14.95	AVG
40	2494.600	62.17	-7.29	54.88	74.00	-19.12	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).

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Test item:	Band edge		
Frequency:	2462MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
41	2494.600	45.69	-7.29	38.40	54.00	-15.60	AVG
42	2494.960	60.62	-7.29	53.33	74.00	-20.67	peak
43	2494.960	45.11	-7.29	37.82	54.00	-16.18	AVG
44	2495.920	62.70	-7.28	55.42	74.00	-18.58	peak
45	2495.920	44.92	-7.28	37.64	54.00	-16.36	AVG
46	2496.280	61.63	-7.28	54.35	74.00	-19.65	peak
47	2496.280	44.78	-7.28	37.50	54.00	-16.50	AVG
48	2496.800	61.71	-7.28	54.43	74.00	-19.57	peak
49	2496.800	44.76	-7.28	37.48	54.00	-16.52	AVG
50	2497.400	63.79	-7.28	56.51	74.00	-17.49	peak
51	2497.400	44.61	-7.28	37.33	54.00	-16.67	AVG
52	2497.760	60.73	-7.28	53.45	74.00	-20.55	peak
53	2497.760	44.73	-7.28	37.45	54.00	-16.55	AVG
54	2498.280	60.97	-7.28	53.69	74.00	-20.31	peak
55	2498.280	44.63	-7.28	37.35	54.00	-16.65	AVG
56	2498.720	60.40	-7.27	53.13	74.00	-20.87	peak
57	2498.720	44.49	-7.27	37.22	54.00	-16.78	AVG

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

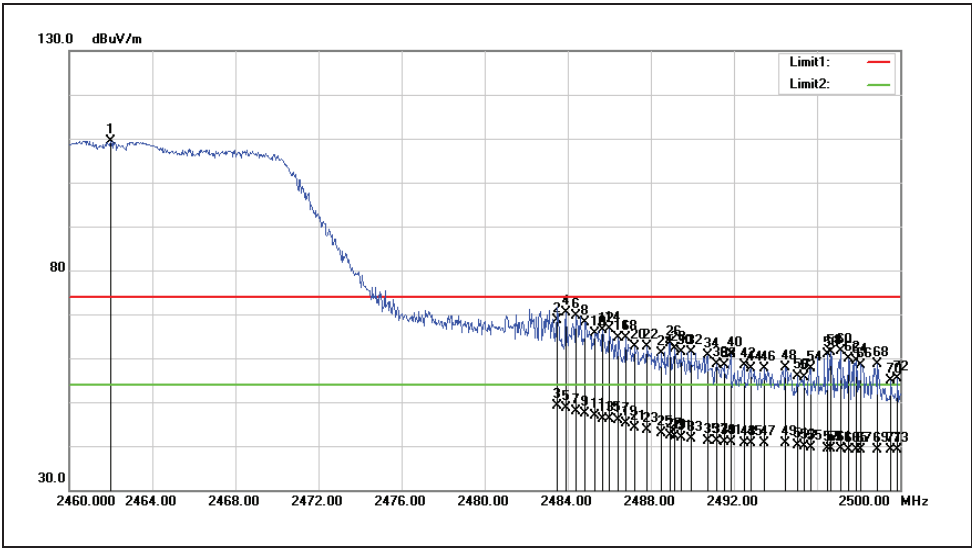
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	116.86	-7.42	109.44	--	--	peak
2	2483.500	76.04	-7.34	68.70	74.00	-5.30	peak
3	2483.500	56.54	-7.34	49.20	54.00	-4.80	AVG
4	2483.920	77.82	-7.34	70.48	74.00	-3.52	peak
5	2483.920	55.89	-7.34	48.55	54.00	-5.45	AVG
6	2484.400	77.07	-7.34	69.73	74.00	-4.27	peak
7	2484.400	55.12	-7.34	47.78	54.00	-6.22	AVG
8	2484.840	75.43	-7.34	68.09	74.00	-5.91	peak
9	2484.840	54.72	-7.34	47.38	54.00	-6.62	AVG
10	2485.280	72.97	-7.33	65.64	74.00	-8.36	peak
11	2485.280	54.19	-7.33	46.86	54.00	-7.14	AVG
12	2485.680	73.62	-7.32	66.30	74.00	-7.70	peak
13	2485.680	53.52	-7.32	46.20	54.00	-7.80	AVG
14	2486.000	73.99	-7.32	66.67	74.00	-7.33	peak
15	2486.000	53.35	-7.32	46.03	54.00	-7.97	AVG
16	2486.440	71.87	-7.32	64.55	74.00	-9.45	peak
17	2486.440	53.24	-7.32	45.92	54.00	-8.08	AVG
18	2486.800	71.98	-7.32	64.66	74.00	-9.34	peak
19	2486.800	52.35	-7.32	45.03	54.00	-8.97	AVG
20	2487.200	69.86	-7.32	62.54	74.00	-11.46	peak

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

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

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2487.200	51.54	-7.32	44.22	54.00	-9.78	AVG
22	2487.800	70.02	-7.32	62.70	74.00	-11.30	peak
23	2487.800	50.90	-7.32	43.58	54.00	-10.42	AVG
24	2488.520	68.39	-7.31	61.08	74.00	-12.92	peak
25	2488.520	50.12	-7.31	42.81	54.00	-11.19	AVG
26	2488.920	70.74	-7.31	63.43	74.00	-10.57	peak
27	2488.920	49.71	-7.31	42.40	54.00	-11.60	AVG
28	2489.160	69.34	-7.31	62.03	74.00	-11.97	peak
29	2489.160	49.40	-7.31	42.09	54.00	-11.91	AVG
30	2489.440	68.71	-7.31	61.40	74.00	-12.60	peak
31	2489.440	49.11	-7.31	41.80	54.00	-12.20	AVG
32	2489.920	68.70	-7.31	61.39	74.00	-12.61	peak
33	2489.920	48.87	-7.31	41.56	54.00	-12.44	AVG
34	2490.720	67.97	-7.31	60.66	74.00	-13.34	peak
35	2490.720	48.53	-7.31	41.22	54.00	-12.78	AVG
36	2491.160	65.95	-7.31	58.64	74.00	-15.36	peak
37	2491.160	48.32	-7.31	41.01	54.00	-12.99	AVG
38	2491.520	65.59	-7.31	58.28	74.00	-15.72	peak
39	2491.520	48.24	-7.31	40.93	54.00	-13.07	AVG
40	2491.840	68.25	-7.30	60.95	74.00	-13.05	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.

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
41	2491.840	48.14	-7.30	40.84	54.00	-13.16	AVG
42	2492.480	65.59	-7.30	58.29	74.00	-15.71	peak
43	2492.480	48.00	-7.30	40.70	54.00	-13.30	AVG
44	2492.800	64.88	-7.30	57.58	74.00	-16.42	peak
45	2492.800	47.91	-7.30	40.61	54.00	-13.39	AVG
46	2493.480	64.99	-7.29	57.70	74.00	-16.30	peak
47	2493.480	47.88	-7.29	40.59	54.00	-13.41	AVG
48	2494.480	65.07	-7.29	57.78	74.00	-16.22	peak
49	2494.480	47.82	-7.29	40.53	54.00	-13.47	AVG
50	2495.040	63.09	-7.28	55.81	74.00	-18.19	peak
51	2495.040	47.51	-7.28	40.23	54.00	-13.77	AVG
52	2495.360	63.03	-7.28	55.75	74.00	-18.25	peak
53	2495.360	47.25	-7.28	39.97	54.00	-14.03	AVG
54	2495.680	64.79	-7.28	57.51	74.00	-16.49	peak
55	2495.680	46.98	-7.28	39.70	54.00	-14.30	AVG
56	2496.520	68.12	-7.28	60.84	74.00	-13.16	peak
57	2496.520	46.70	-7.28	39.42	54.00	-14.58	AVG
58	2496.680	68.60	-7.28	61.32	74.00	-12.68	peak
59	2496.680	46.63	-7.28	39.35	54.00	-14.65	AVG
60	2497.120	68.99	-7.28	61.71	74.00	-12.29	peak

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

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

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
61	2497.120	46.55	-7.28	39.27	54.00	-14.73	AVG
62	2497.520	67.06	-7.28	59.78	74.00	-14.22	peak
63	2497.520	46.44	-7.28	39.16	54.00	-14.84	AVG
64	2497.880	66.63	-7.28	59.35	74.00	-14.65	peak
65	2497.880	46.32	-7.28	39.04	54.00	-14.96	AVG
66	2498.120	65.78	-7.28	58.50	74.00	-15.50	peak
67	2498.120	46.30	-7.28	39.02	54.00	-14.98	AVG
68	2498.920	66.01	-7.27	58.74	74.00	-15.26	peak
69	2498.920	46.31	-7.27	39.04	54.00	-14.96	AVG
70	2499.560	62.24	-7.27	54.97	74.00	-19.03	peak
71	2499.560	46.28	-7.27	39.01	54.00	-14.99	AVG
72	2499.880	62.71	-7.27	55.44	74.00	-18.56	peak
73	2499.880	46.29	-7.27	39.02	54.00	-14.98	AVG

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

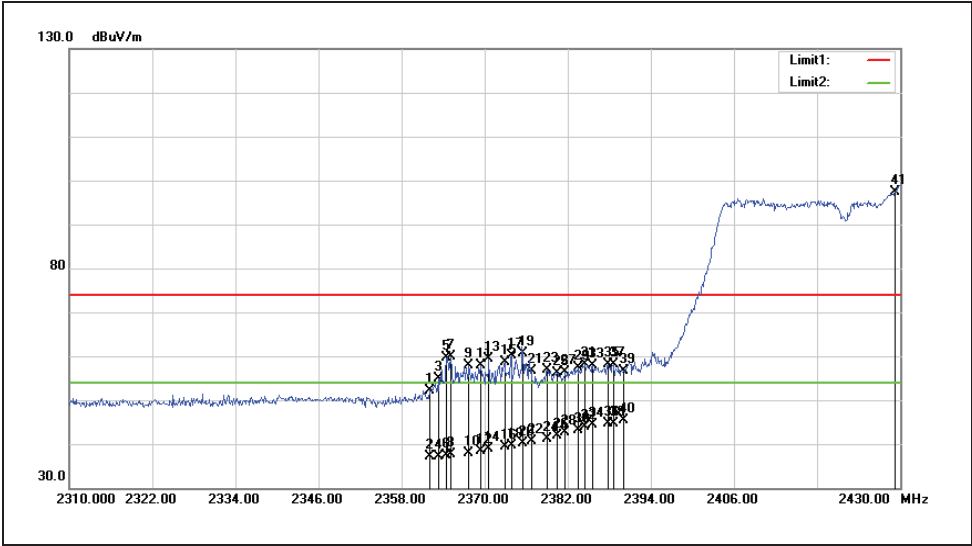
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2362.080	60.06	-7.83	52.23	74.00	-21.77	peak
2	2362.080	45.07	-7.83	37.24	54.00	-16.76	AVG
3	2363.280	62.74	-7.83	54.91	74.00	-19.09	peak
4	2363.280	44.85	-7.83	37.02	54.00	-16.98	AVG
5	2364.480	67.45	-7.83	59.62	74.00	-14.38	peak
6	2364.480	45.17	-7.83	37.34	54.00	-16.66	AVG
7	2365.080	67.60	-7.82	59.78	74.00	-14.22	peak
8	2365.080	45.43	-7.82	37.61	54.00	-16.39	AVG
9	2367.720	65.61	-7.81	57.80	74.00	-16.20	peak
10	2367.720	45.63	-7.81	37.82	54.00	-16.18	AVG
11	2369.400	65.57	-7.80	57.77	74.00	-16.23	peak
12	2369.400	46.08	-7.80	38.28	54.00	-15.72	AVG
13	2370.600	67.29	-7.80	59.49	74.00	-14.51	peak
14	2370.600	46.61	-7.80	38.81	54.00	-15.19	AVG
15	2372.880	66.39	-7.78	58.61	74.00	-15.39	peak
16	2372.880	47.10	-7.78	39.32	54.00	-14.68	AVG
17	2373.840	67.90	-7.78	60.12	74.00	-13.88	peak
18	2373.840	47.38	-7.78	39.60	54.00	-14.40	AVG
19	2375.520	68.44	-7.77	60.67	74.00	-13.33	peak
20	2375.520	47.89	-7.77	40.12	54.00	-13.88	AVG

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

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

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2376.720	64.32	-7.77	56.55	74.00	-17.45	peak
22	2376.720	48.46	-7.77	40.69	54.00	-13.31	AVG
23	2379.000	64.68	-7.76	56.92	74.00	-17.08	peak
24	2379.000	48.99	-7.76	41.23	54.00	-12.77	AVG
25	2380.440	63.96	-7.76	56.20	74.00	-17.80	peak
26	2380.440	49.56	-7.76	41.80	54.00	-12.20	AVG
27	2381.640	64.04	-7.76	56.28	74.00	-17.72	peak
28	2381.640	50.39	-7.76	42.63	54.00	-11.37	AVG
29	2383.560	65.03	-7.75	57.28	74.00	-16.72	peak
30	2383.560	50.77	-7.75	43.02	54.00	-10.98	AVG
31	2384.520	65.76	-7.75	58.01	74.00	-15.99	peak
32	2384.520	51.62	-7.75	43.87	54.00	-10.13	AVG
33	2385.600	65.56	-7.73	57.83	74.00	-16.17	peak
34	2385.600	52.20	-7.73	44.47	54.00	-9.53	AVG
35	2387.760	65.74	-7.73	58.01	74.00	-15.99	peak
36	2387.760	52.44	-7.73	44.71	54.00	-9.29	AVG
37	2388.600	65.74	-7.72	58.02	74.00	-15.98	peak
38	2388.600	52.47	-7.72	44.75	54.00	-9.25	AVG
39	2390.000	64.25	-7.72	56.53	74.00	-17.47	peak
40	2390.000	53.16	-7.72	45.44	54.00	-8.56	AVG
41	2429.280	104.88	-7.55	97.33	--	--	peak

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

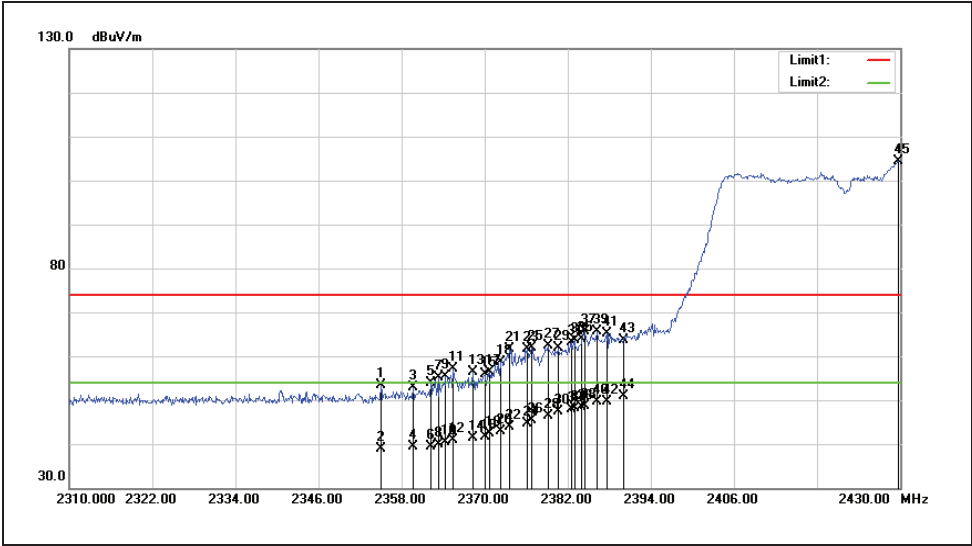
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2355.000	61.32	-7.86	53.46	74.00	-20.54	peak
2	2355.000	46.72	-7.86	38.86	54.00	-15.14	AVG
3	2359.680	60.83	-7.84	52.99	74.00	-21.01	peak
4	2359.680	47.30	-7.84	39.46	54.00	-14.54	AVG
5	2362.200	61.61	-7.83	53.78	74.00	-20.22	peak
6	2362.200	47.33	-7.83	39.50	54.00	-14.50	AVG
7	2363.280	63.06	-7.83	55.23	74.00	-18.77	peak
8	2363.280	47.63	-7.83	39.80	54.00	-14.20	AVG
9	2364.360	63.25	-7.83	55.42	74.00	-18.58	peak
10	2364.360	48.11	-7.83	40.28	54.00	-13.72	AVG
11	2365.440	64.93	-7.82	57.11	74.00	-16.89	peak
12	2365.440	48.62	-7.82	40.80	54.00	-13.20	AVG
13	2368.320	64.22	-7.81	56.41	74.00	-17.59	peak
14	2368.320	49.07	-7.81	41.26	54.00	-12.74	AVG
15	2370.120	63.64	-7.80	55.84	74.00	-18.16	peak
16	2370.120	49.53	-7.80	41.73	54.00	-12.27	AVG
17	2370.720	64.21	-7.80	56.41	74.00	-17.59	peak
18	2370.720	50.08	-7.80	42.28	54.00	-11.72	AVG
19	2372.280	66.39	-7.78	58.61	74.00	-15.39	peak
20	2372.280	50.54	-7.78	42.76	54.00	-11.24	AVG
21	2373.600	69.48	-7.78	61.70	74.00	-12.30	peak
22	2373.600	51.63	-7.78	43.85	54.00	-10.15	AVG
23	2376.120	69.45	-7.77	61.68	74.00	-12.32	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.

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	2376.120	52.47	-7.77	44.70	54.00	-9.30	AVG
25	2376.720	69.55	-7.77	61.78	74.00	-12.22	peak
26	2376.720	53.12	-7.77	45.35	54.00	-8.65	AVG
27	2379.120	70.12	-7.76	62.36	74.00	-11.64	peak
28	2379.120	54.26	-7.76	46.50	54.00	-7.50	AVG
29	2380.560	69.70	-7.76	61.94	74.00	-12.06	peak
30	2380.560	55.21	-7.76	47.45	54.00	-6.55	AVG
31	2382.480	70.83	-7.75	63.08	74.00	-10.92	peak
32	2382.480	55.65	-7.75	47.90	54.00	-6.10	AVG
33	2382.960	71.35	-7.75	63.60	74.00	-10.40	peak
34	2382.960	55.87	-7.75	48.12	54.00	-5.88	AVG
35	2384.040	71.70	-7.75	63.95	74.00	-10.05	peak
36	2384.040	56.11	-7.75	48.36	54.00	-5.64	AVG
37	2384.520	73.34	-7.75	65.59	74.00	-8.41	peak
38	2384.520	56.33	-7.75	48.58	54.00	-5.42	AVG
39	2386.200	73.28	-7.73	65.55	74.00	-8.45	peak
40	2386.200	57.26	-7.73	49.53	54.00	-4.47	AVG
41	2387.640	72.98	-7.73	65.25	74.00	-8.75	peak
42	2387.640	57.31	-7.73	49.58	54.00	-4.42	AVG
43	2390.000	71.33	-7.72	63.61	74.00	-10.39	peak
44	2390.000	58.62	-7.72	50.90	54.00	-3.10	AVG
45	2429.760	111.98	-7.55	104.43	--	--	peak

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

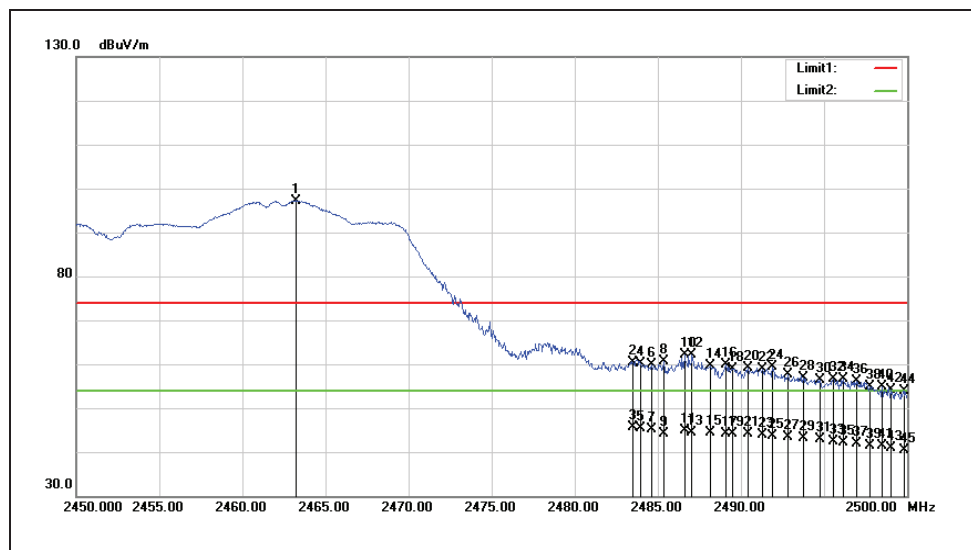
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.250	104.67	-7.42	97.25	--	--	peak
2	2483.500	67.80	-7.34	60.46	74.00	-13.54	peak
3	2483.500	52.89	-7.34	45.55	54.00	-8.45	AVG
4	2483.950	67.35	-7.34	60.01	74.00	-13.99	peak
5	2483.950	52.79	-7.34	45.45	54.00	-8.55	AVG
6	2484.600	67.27	-7.34	59.93	74.00	-14.07	peak
7	2484.600	52.38	-7.34	45.04	54.00	-8.96	AVG
8	2485.350	67.93	-7.32	60.61	74.00	-13.39	peak
9	2485.350	51.37	-7.32	44.05	54.00	-9.95	AVG
10	2486.600	69.34	-7.32	62.02	74.00	-11.98	peak
11	2486.600	52.11	-7.32	44.79	54.00	-9.21	AVG
12	2487.050	69.33	-7.32	62.01	74.00	-11.99	peak
13	2487.050	51.82	-7.32	44.50	54.00	-9.50	AVG
14	2488.150	66.94	-7.32	59.62	74.00	-14.38	peak
15	2488.150	51.68	-7.32	44.36	54.00	-9.64	AVG
16	2489.100	67.19	-7.31	59.88	74.00	-14.12	peak
17	2489.100	51.51	-7.31	44.20	54.00	-9.80	AVG
18	2489.500	66.20	-7.31	58.89	74.00	-15.11	peak
19	2489.500	51.44	-7.31	44.13	54.00	-9.87	AVG
20	2490.400	66.49	-7.31	59.18	74.00	-14.82	peak
21	2490.400	51.36	-7.31	44.05	54.00	-9.95	AVG
22	2491.300	66.15	-7.31	58.84	74.00	-15.16	peak
23	2491.300	51.15	-7.31	43.84	54.00	-10.16	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.

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	2491.900	66.74	-7.30	59.44	74.00	-14.56	peak
25	2491.900	50.90	-7.30	43.60	54.00	-10.40	AVG
26	2492.850	64.97	-7.30	57.67	74.00	-16.33	peak
27	2492.850	50.73	-7.30	43.43	54.00	-10.57	AVG
28	2493.750	64.08	-7.29	56.79	74.00	-17.21	peak
29	2493.750	50.39	-7.29	43.10	54.00	-10.90	AVG
30	2494.750	63.74	-7.29	56.45	74.00	-17.55	peak
31	2494.750	50.15	-7.29	42.86	54.00	-11.14	AVG
32	2495.550	64.00	-7.28	56.72	74.00	-17.28	peak
33	2495.550	49.66	-7.28	42.38	54.00	-11.62	AVG
34	2496.150	63.81	-7.28	56.53	74.00	-17.47	peak
35	2496.150	49.36	-7.28	42.08	54.00	-11.92	AVG
36	2496.950	63.41	-7.28	56.13	74.00	-17.87	peak
37	2496.950	49.12	-7.28	41.84	54.00	-12.16	AVG
38	2497.750	62.18	-7.28	54.90	74.00	-19.10	peak
39	2497.750	48.78	-7.28	41.50	54.00	-12.50	AVG
40	2498.500	62.24	-7.27	54.97	74.00	-19.03	peak
41	2498.500	48.58	-7.27	41.31	54.00	-12.69	AVG
42	2499.000	61.37	-7.27	54.10	74.00	-19.90	peak
43	2499.000	48.15	-7.27	40.88	54.00	-13.12	AVG
44	2499.800	61.11	-7.27	53.84	74.00	-20.16	peak
45	2499.800	47.61	-7.27	40.34	54.00	-13.66	AVG

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

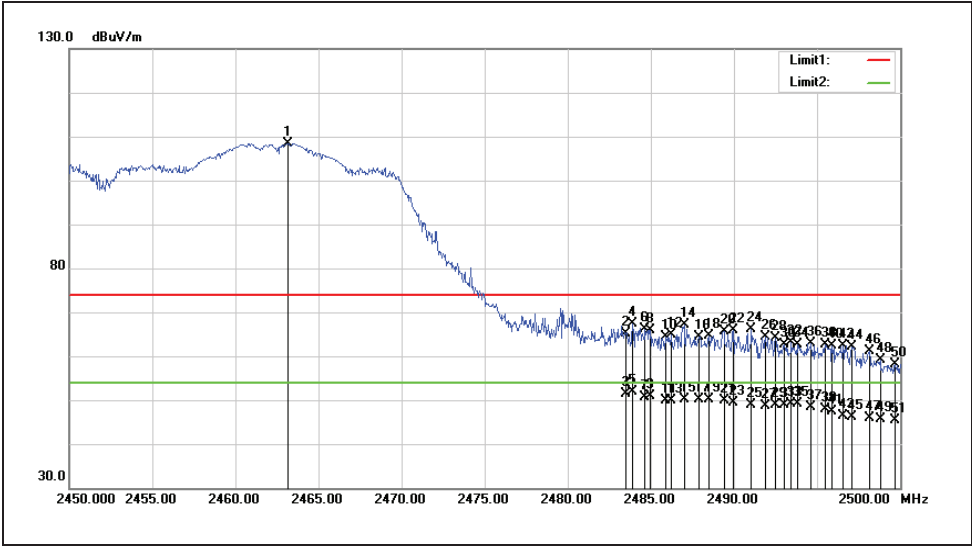
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2463.150	115.87	-7.42	108.45	--	--	peak
2	2483.500	72.42	-7.34	65.08	74.00	-8.92	peak
3	2483.500	58.70	-7.34	51.36	54.00	-2.64	AVG
4	2483.900	74.74	-7.34	67.40	74.00	-6.60	peak
5	2483.900	59.32	-7.34	51.98	54.00	-2.02	AVG
6	2484.650	73.55	-7.34	66.21	74.00	-7.79	peak
7	2484.650	57.98	-7.34	50.64	54.00	-3.36	AVG
8	2484.950	73.28	-7.34	65.94	74.00	-8.06	peak
9	2484.950	58.13	-7.34	50.79	54.00	-3.21	AVG
10	2485.900	71.71	-7.32	64.39	74.00	-9.61	peak
11	2485.900	57.29	-7.32	49.97	54.00	-4.03	AVG
12	2486.200	72.19	-7.32	64.87	74.00	-9.13	peak
13	2486.200	57.30	-7.32	49.98	54.00	-4.02	AVG
14	2487.000	74.49	-7.32	67.17	74.00	-6.83	peak
15	2487.000	57.34	-7.32	50.02	54.00	-3.98	AVG
16	2487.900	71.71	-7.32	64.39	74.00	-9.61	peak
17	2487.900	57.40	-7.32	50.08	54.00	-3.92	AVG
18	2488.500	71.93	-7.31	64.62	74.00	-9.38	peak
19	2488.500	57.43	-7.31	50.12	54.00	-3.88	AVG
20	2489.400	73.00	-7.31	65.69	74.00	-8.31	peak

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

2. Correction factor (dB/m) = Antenna Factor (dB/m) + 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:	2452MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2489.400	57.11	-7.31	49.80	54.00	-4.20	AVG
22	2489.950	73.18	-7.31	65.87	74.00	-8.13	peak
23	2489.950	56.69	-7.31	49.38	54.00	-4.62	AVG
24	2491.050	73.44	-7.31	66.13	74.00	-7.87	peak
25	2491.050	56.21	-7.31	48.90	54.00	-5.10	AVG
26	2491.900	71.62	-7.30	64.32	74.00	-9.68	peak
27	2491.900	55.87	-7.30	48.57	54.00	-5.43	AVG
28	2492.500	71.50	-7.30	64.20	74.00	-9.80	peak
29	2492.500	56.06	-7.30	48.76	54.00	-5.24	AVG
30	2493.050	70.00	-7.30	62.70	74.00	-11.30	peak
31	2493.050	56.17	-7.30	48.87	54.00	-5.13	AVG
32	2493.450	70.37	-7.29	63.08	74.00	-10.92	peak
33	2493.450	56.34	-7.29	49.05	54.00	-4.95	AVG
34	2493.800	69.89	-7.29	62.60	74.00	-11.40	peak
35	2493.800	56.47	-7.29	49.18	54.00	-4.82	AVG
36	2494.650	70.11	-7.29	62.82	74.00	-11.18	peak
37	2494.650	55.56	-7.29	48.27	54.00	-5.73	AVG
38	2495.500	69.82	-7.28	62.54	74.00	-11.46	peak
39	2495.500	55.14	-7.28	47.86	54.00	-6.14	AVG
40	2495.900	69.77	-7.28	62.49	74.00	-11.51	peak

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

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

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

晶復科技股份有限公司
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Report Number: 2104DR38
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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
41	2495.900	54.59	-7.28	47.31	54.00	-6.69	AVG
42	2496.550	69.74	-7.28	62.46	74.00	-11.54	peak
43	2496.550	53.68	-7.28	46.40	54.00	-7.60	AVG
44	2497.100	69.30	-7.28	62.02	74.00	-11.98	peak
45	2497.100	53.40	-7.28	46.12	54.00	-7.88	AVG
46	2498.150	68.37	-7.28	61.09	74.00	-12.91	peak
47	2498.150	53.25	-7.28	45.97	54.00	-8.03	AVG
48	2498.800	66.28	-7.27	59.01	74.00	-14.99	peak
49	2498.800	52.90	-7.27	45.63	54.00	-8.37	AVG
50	2499.700	65.29	-7.27	58.02	74.00	-15.98	peak
51	2499.700	52.59	-7.27	45.32	54.00	-8.68	AVG

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

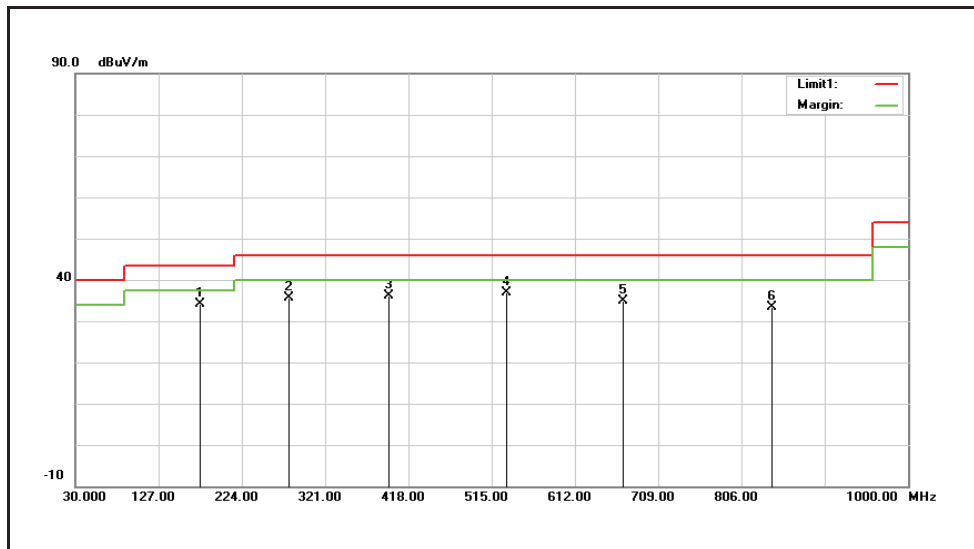
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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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:	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	175.5000	42.50	-8.39	34.11	43.50	-9.39	QP
2	279.2900	42.61	-7.05	35.56	46.00	-10.44	QP
3	395.6900	40.96	-4.87	36.09	46.00	-9.91	QP
4	532.4600	39.66	-2.86	36.80	46.00	-9.20	QP
5	668.2600	35.33	-0.46	34.87	46.00	-11.13	QP
6	840.9200	31.36	2.12	33.48	46.00	-12.52	QP

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

Example: 34.11 = -8.39 + 42.50.

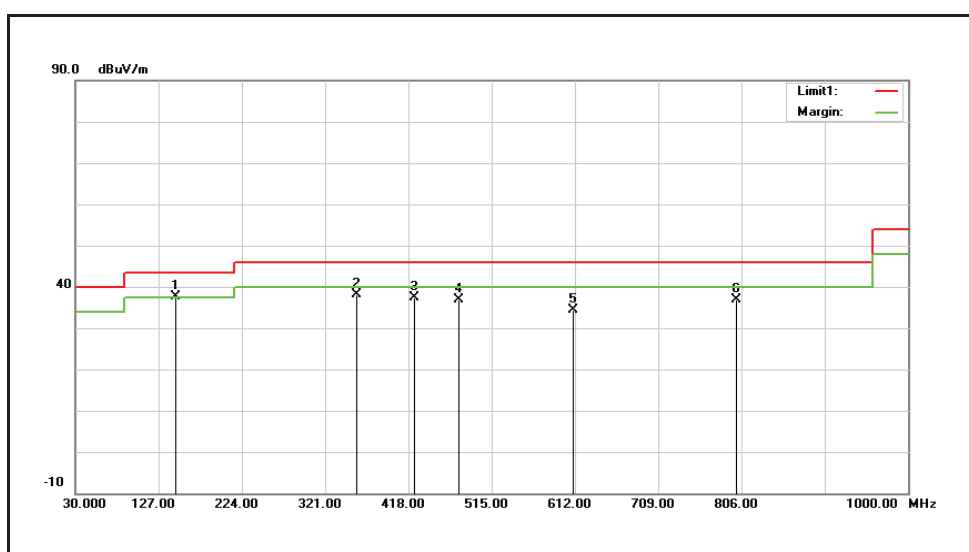
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
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Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
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	147.3700	45.37	-7.70	37.67	43.50	-5.83	QP
2	357.8600	43.69	-5.49	38.20	46.00	-7.80	QP
3	424.7900	41.72	-4.36	37.36	46.00	-8.64	QP
4	477.1700	40.66	-3.75	36.91	46.00	-9.09	QP
5	610.0600	35.59	-1.15	34.44	46.00	-11.56	QP
6	800.1800	35.20	1.62	36.82	46.00	-9.18	QP

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

Example: 37.67 = -7.70 + 45.37.

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

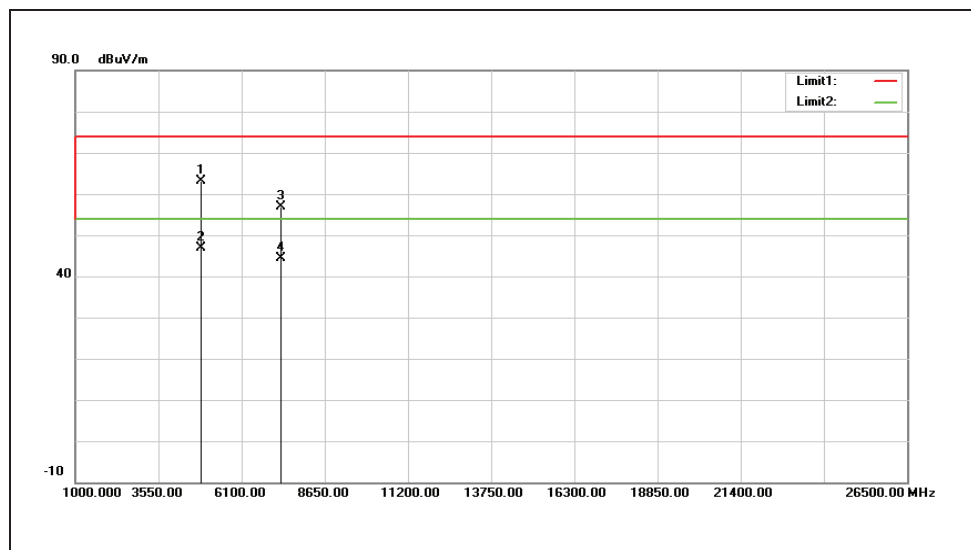
3.When the peak results are less than average limit, so not need to evaluate the average.

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場強輻射量測 (1 GHz 以上)

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	64.20	-1.12	63.08	74.00	-10.92	peak
2	4874.000	47.97	-1.12	46.85	54.00	-7.15	AVG
3	7311.000	50.72	6.11	56.83	74.00	-17.17	peak
4	7311.000	38.21	6.11	44.32	54.00	-9.68	AVG

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

Example: 63.08 = -1.12 + 64.20.

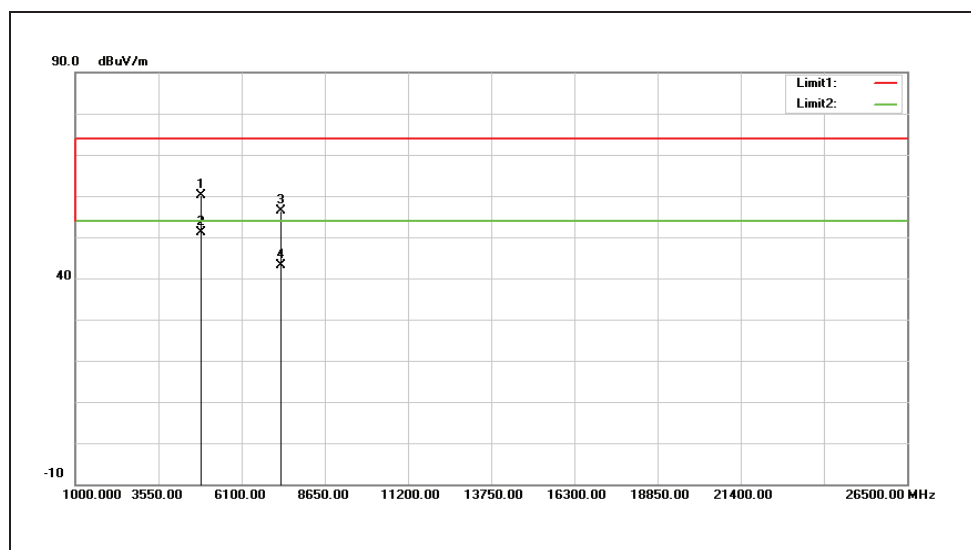
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
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Date of Issue: Apr. 28, 2021

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	61.15	-1.12	60.03	74.00	-13.97	peak
2	4874.000	52.20	-1.12	51.08	54.00	-2.92	AVG
3	7311.000	50.33	6.11	56.44	74.00	-17.56	peak
4	7311.000	36.99	6.11	43.10	54.00	-10.90	AVG

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

Example: $60.03 = -1.12 + 61.15$.

2. Correction factor (dB/m) = Antenna Factor (dB/m) + 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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Annex C. Conducted Test Results (2.4 GHz)

Maximum Conducted Output Power

Maximum Conducted Output Power							
操作模式	Data Rate (Mbps)	頻道 CH	ANT-0				Limit (dBm)
			輸出功率(Average)		輸出功率(Peak)		
			dBm	W	dBm	W	
Mode 2	1	01	16.21	0.042	18.81	0.076	≤30.00
		06	16.72	0.047	19.47	0.089	≤30.00
		11	16.92	0.049	19.66	0.092	≤30.00
Mode 3	6	01	13.73	0.024	21.66	0.147	≤30.00
		06	20.03	0.101	24.89	0.308	≤30.00
		11	13.48	0.022	21.69	0.148	≤30.00
Mode 4	6.5	01	12.73	0.019	20.83	0.121	≤30.00
		06	19.66	0.092	24.73	0.297	≤30.00
		11	13.39	0.022	21.76	0.150	≤30.00
Mode 5	13.5	03	11.61	0.014	19.33	0.086	≤30.00
		06	21.66	0.147	24.53	0.284	≤30.00
		09	12.39	0.017	21.81	0.152	≤30.00

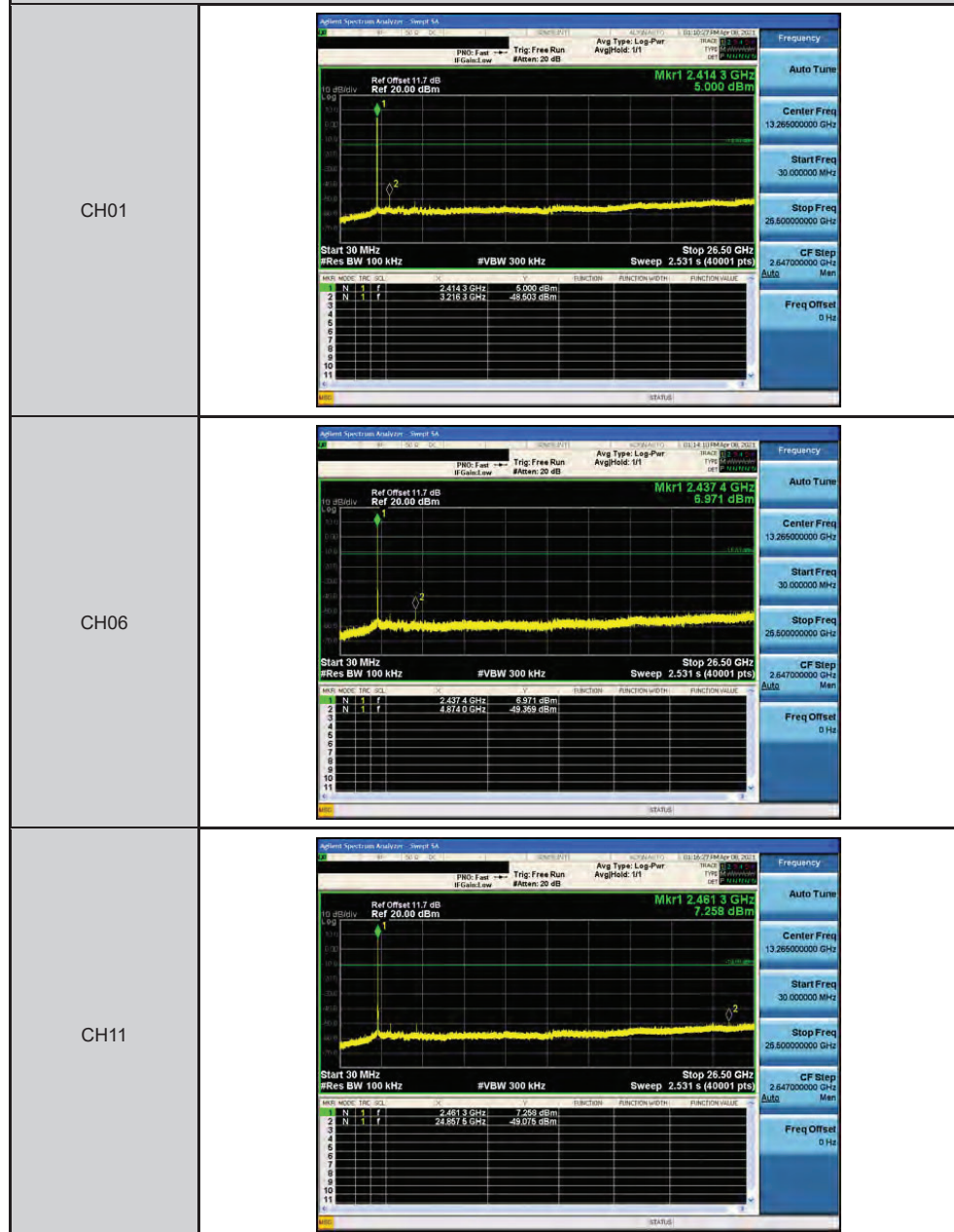
操作模式	Data Rate (Mbps)	頻道 CH	ANT-1				Limit (dBm)
			輸出功率(Average)		輸出功率(Peak)		
			dBm	W	dBm	W	
Mode 2	1	01	13.06	0.020	15.83	0.038	≤30.00
		06	15.26	0.034	17.81	0.060	≤30.00
		11	15.59	0.036	18.03	0.064	≤30.00
Mode 3	6	01	12.51	0.018	20.62	0.115	≤30.00
		06	18.67	0.074	23.81	0.240	≤30.00
		11	12.21	0.017	19.73	0.094	≤30.00
Mode 4	6.5	01	11.19	0.013	19.83	0.096	≤30.00
		06	18.68	0.074	24.36	0.273	≤30.00
		11	11.92	0.016	20.62	0.115	≤30.00
Mode 5	13.5	03	9.51	0.009	17.03	0.050	≤30.00
		06	20.19	0.104	24.07	0.255	≤30.00
		09	11.15	0.013	20.23	0.105	≤30.00

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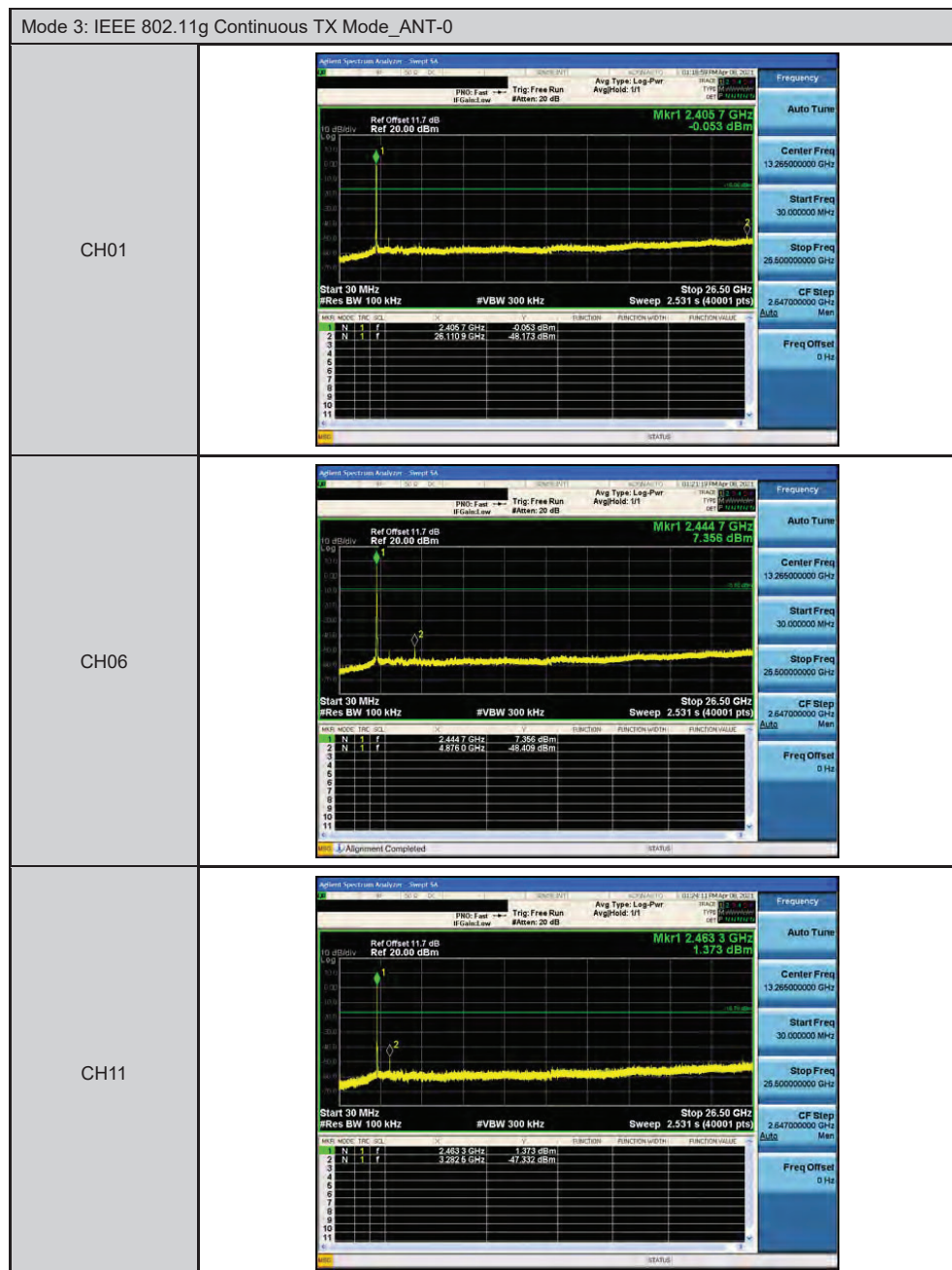
Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0



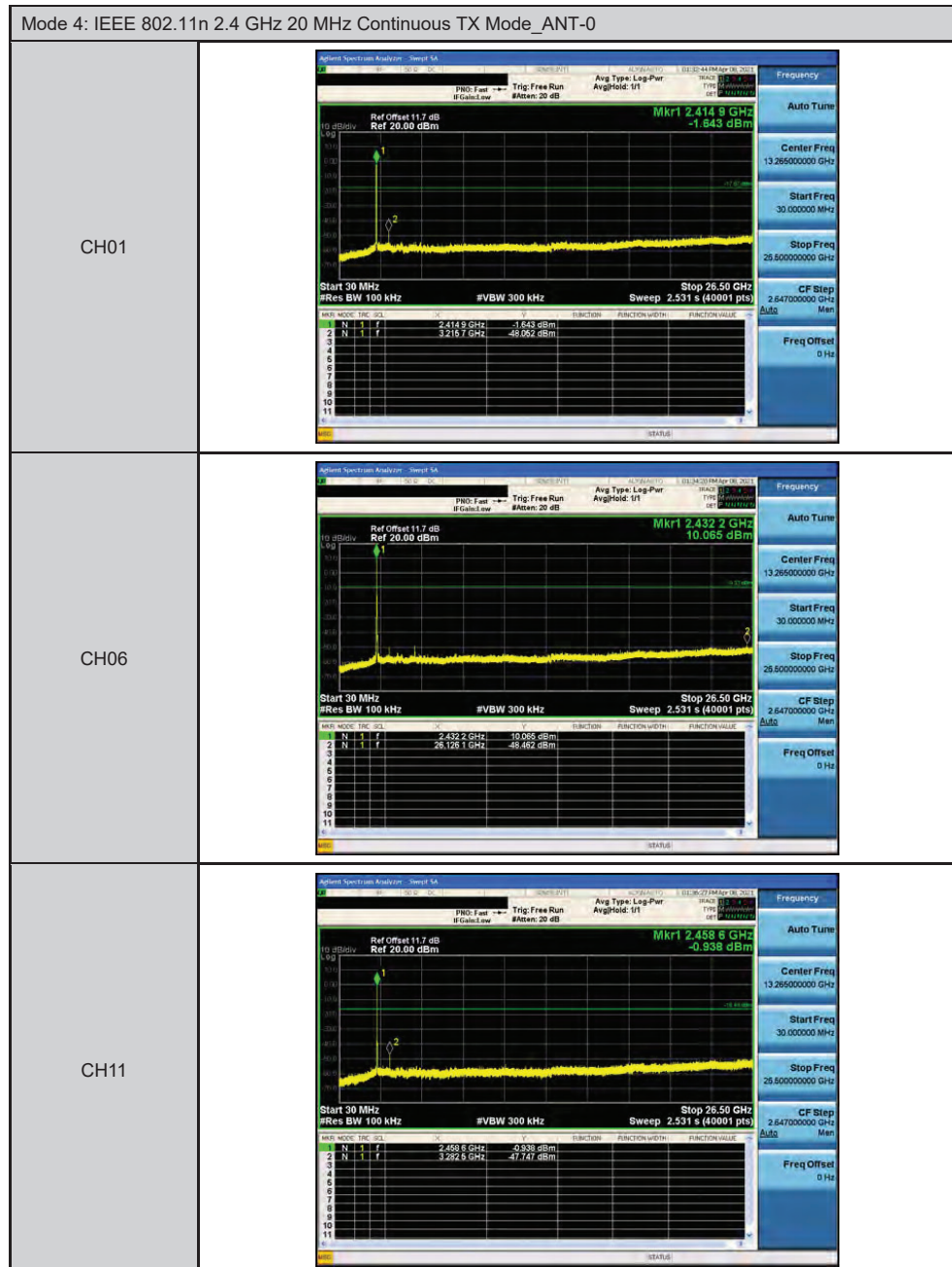
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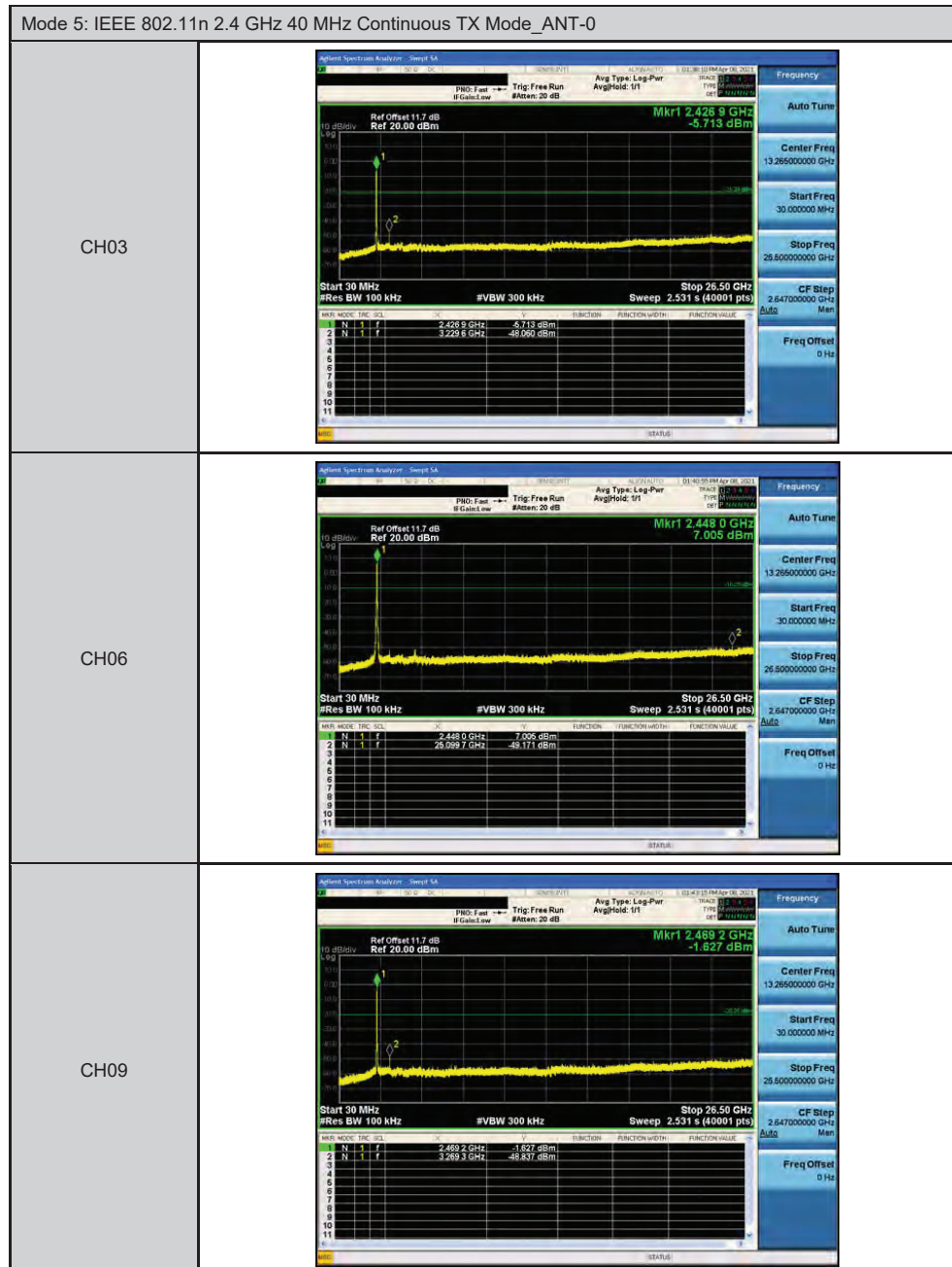
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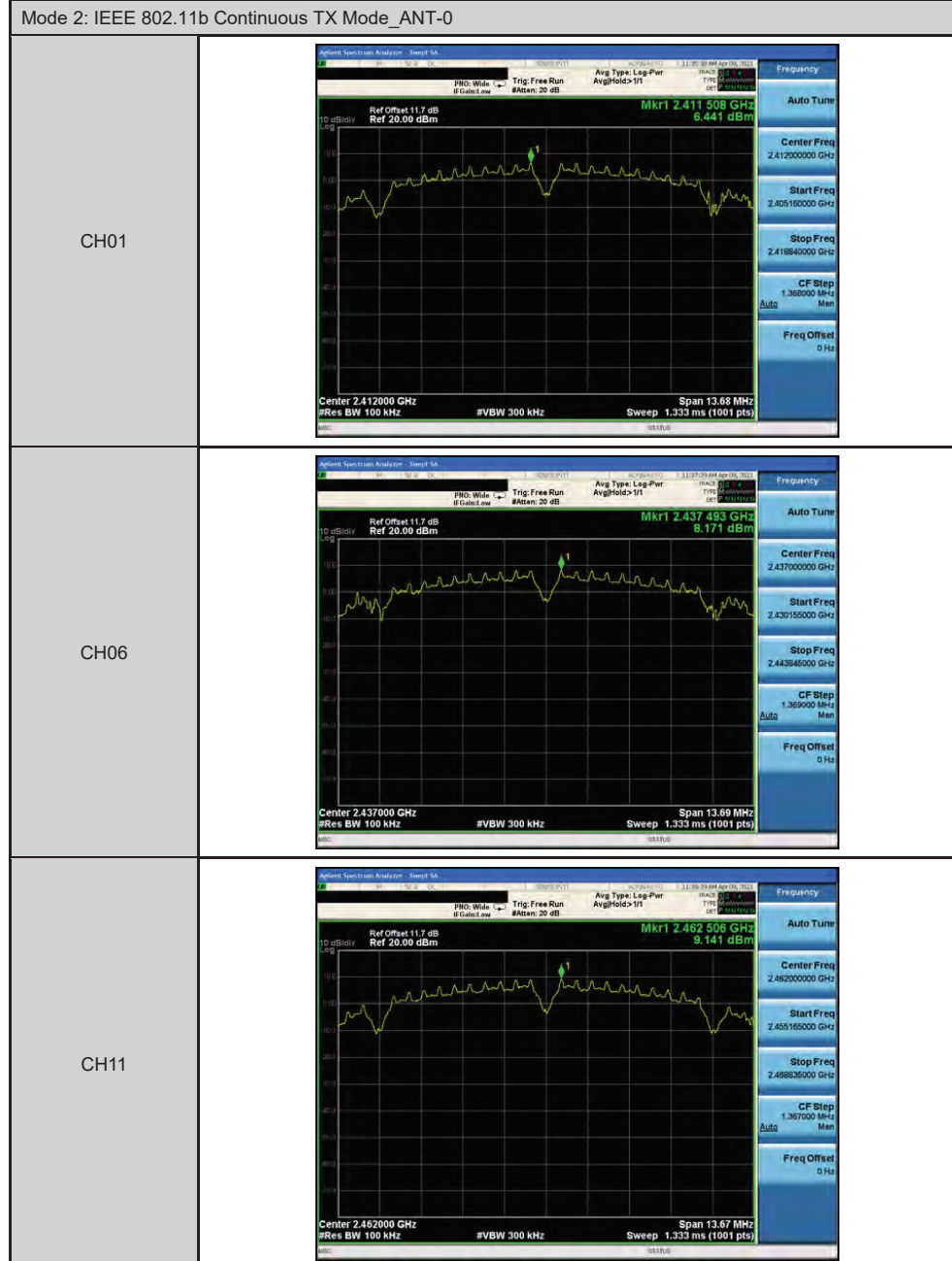
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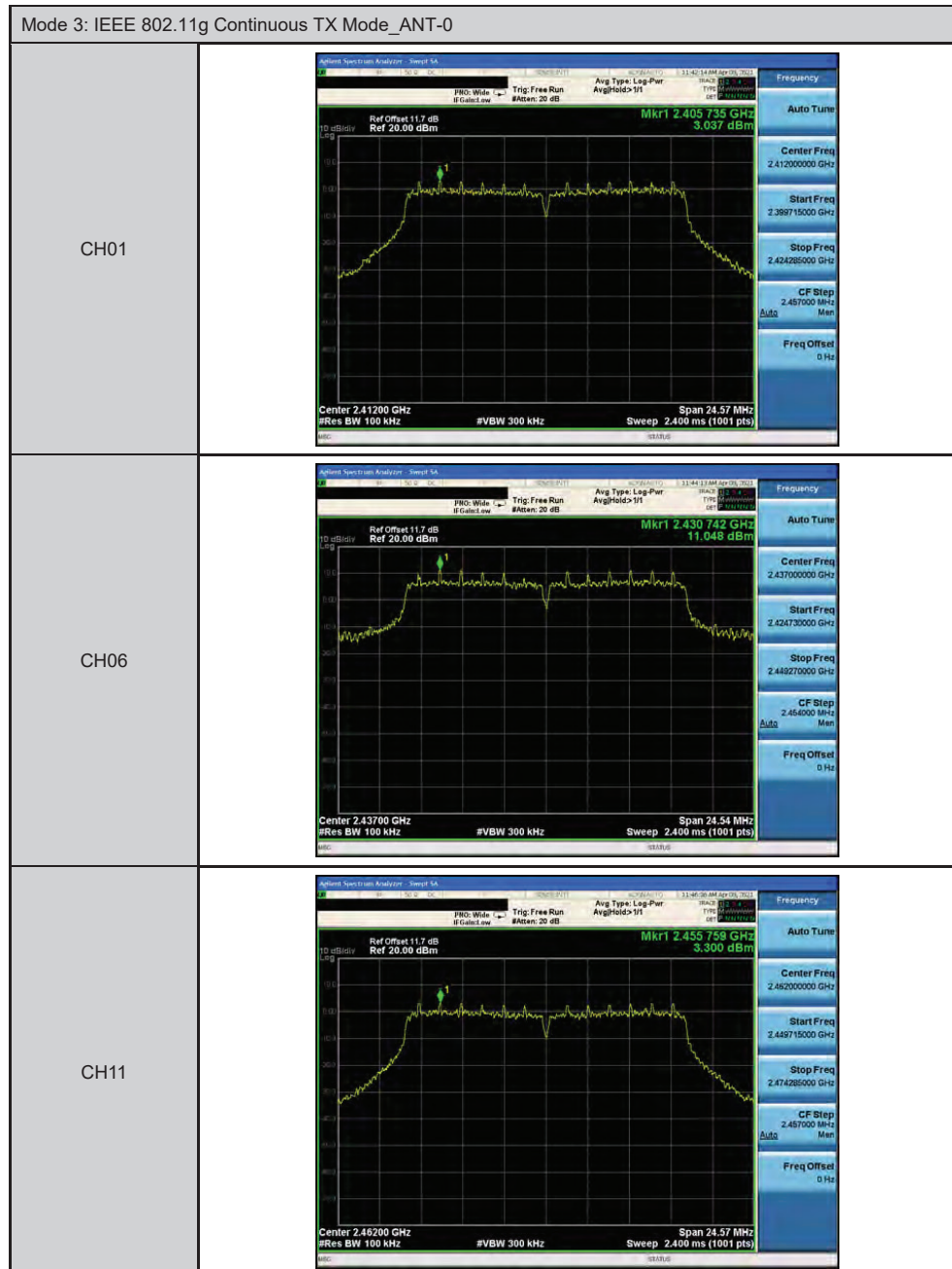
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Reference level



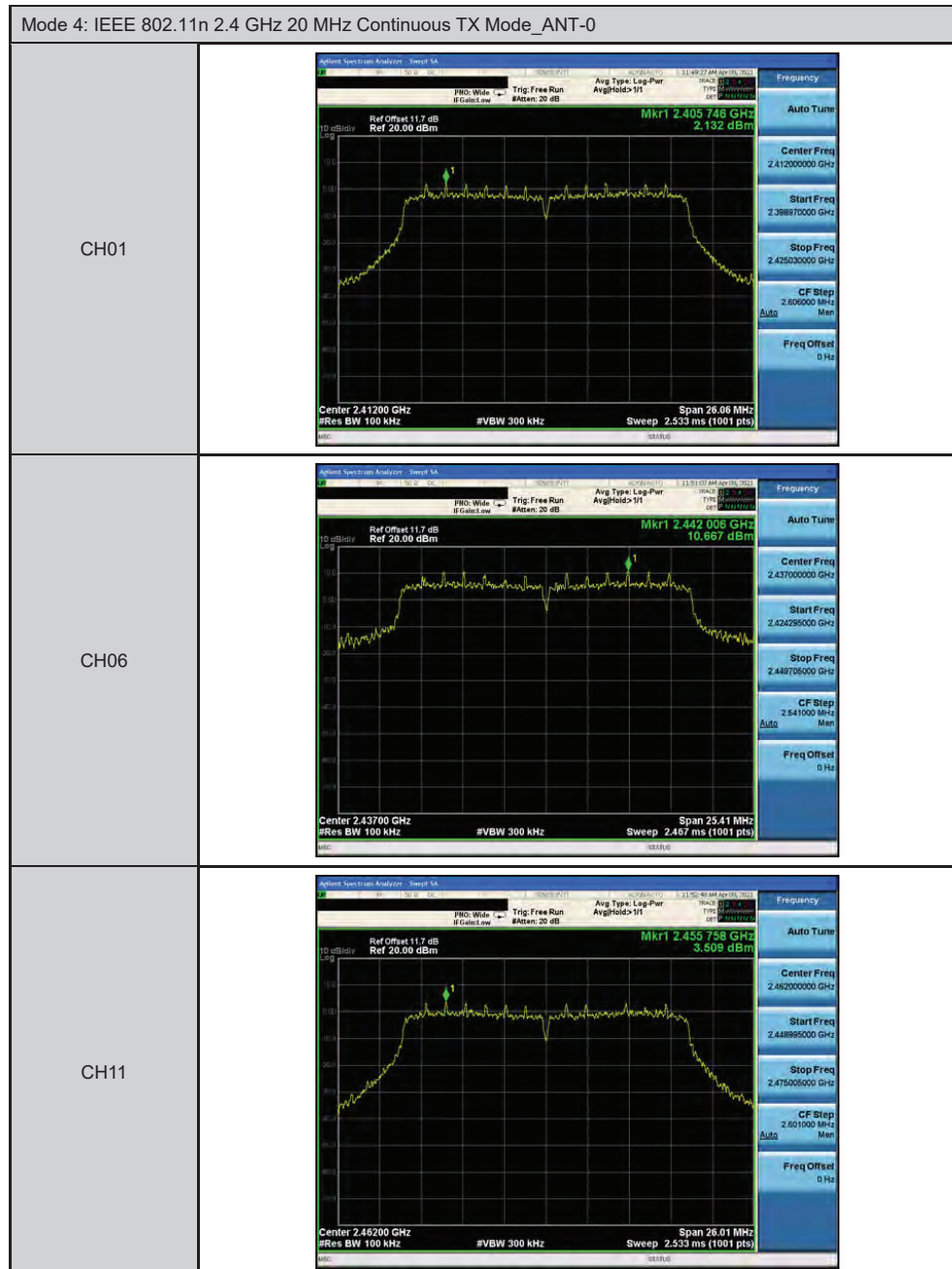
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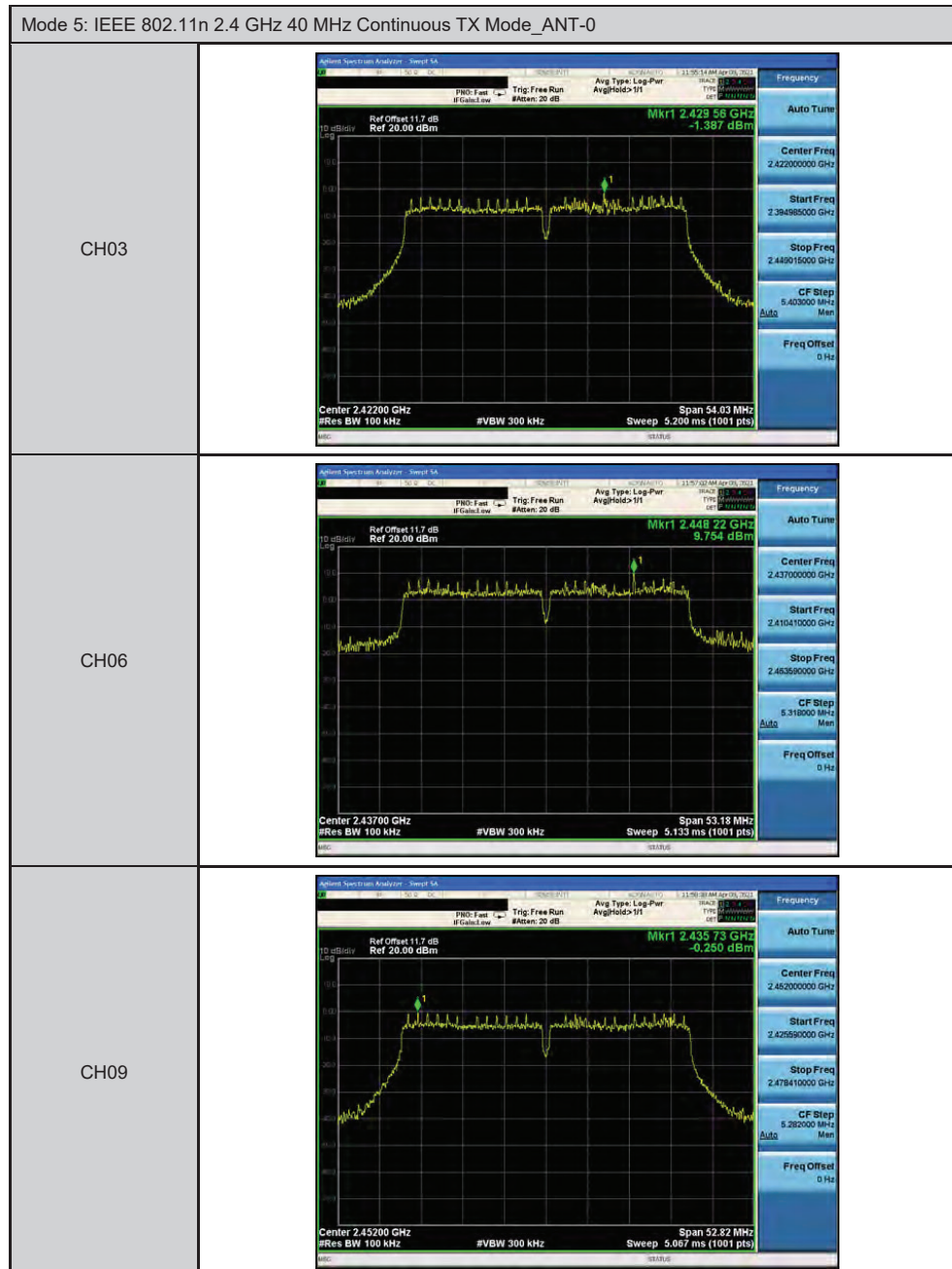
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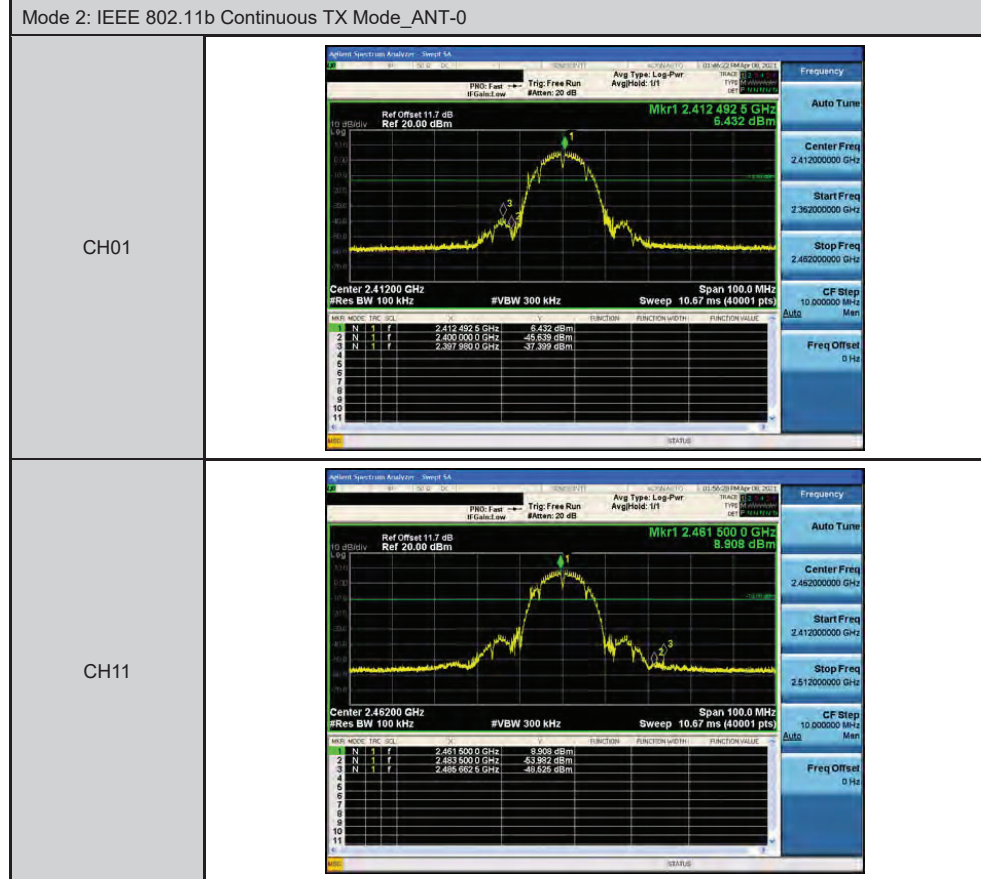
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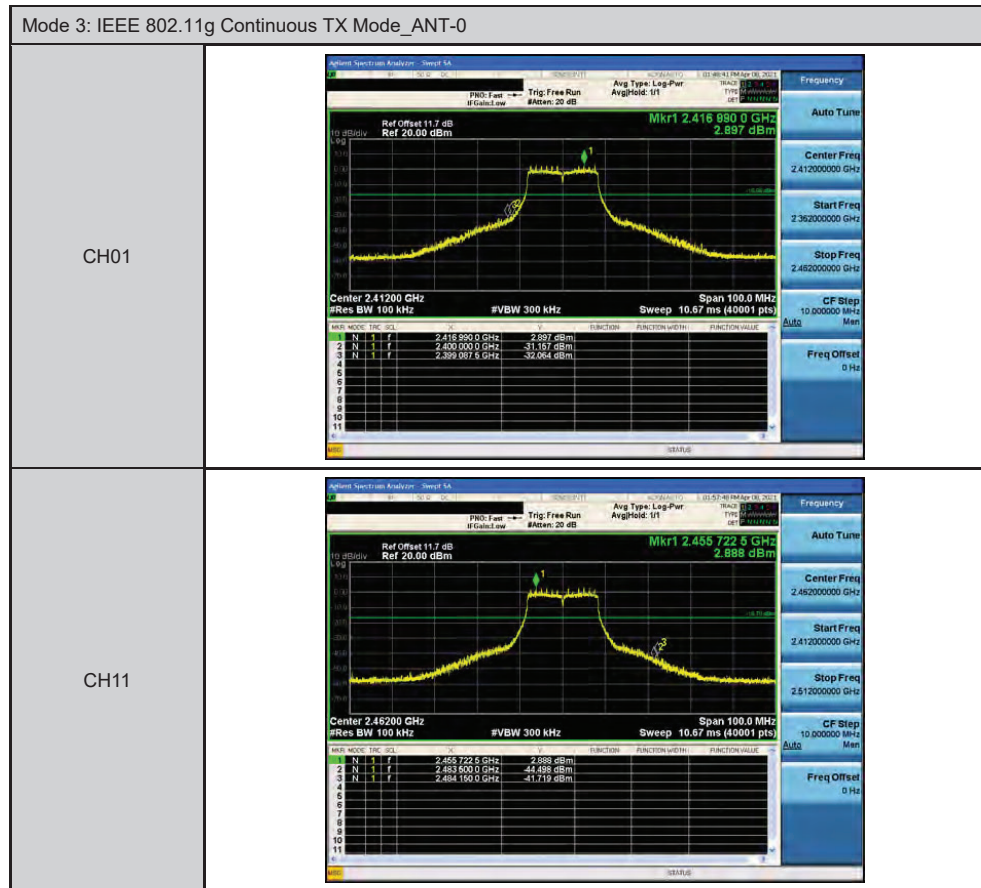
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Conducted Band Edge



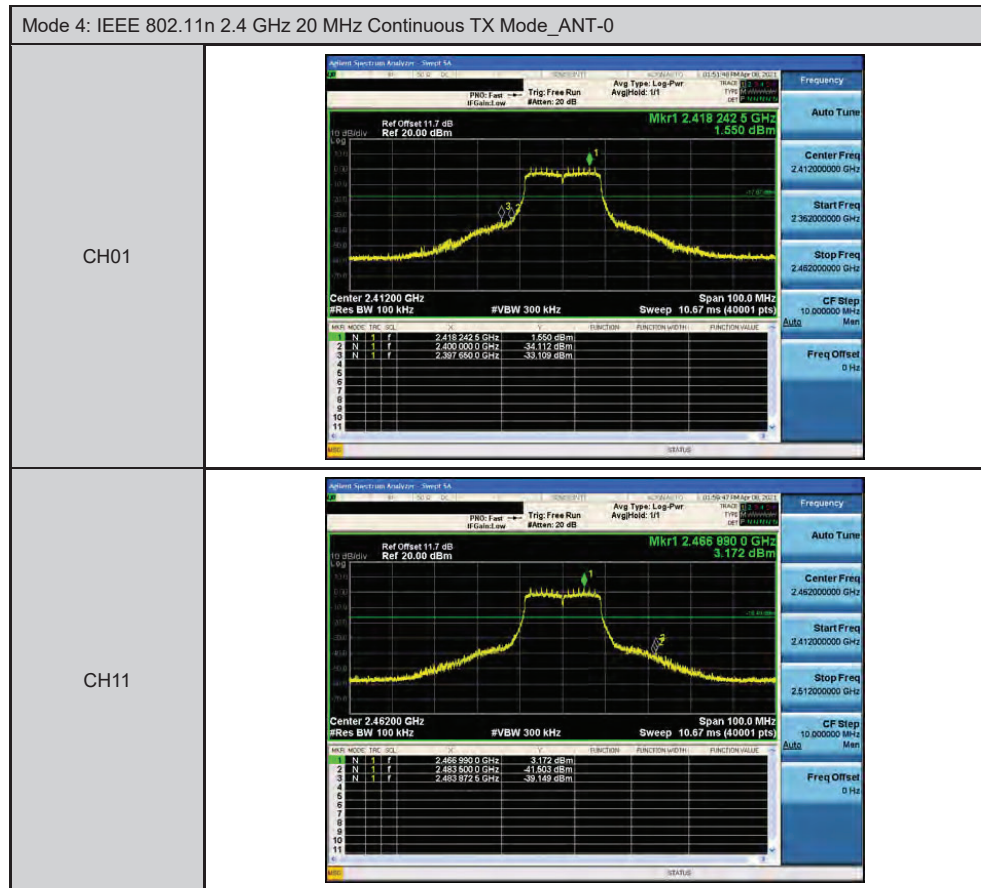
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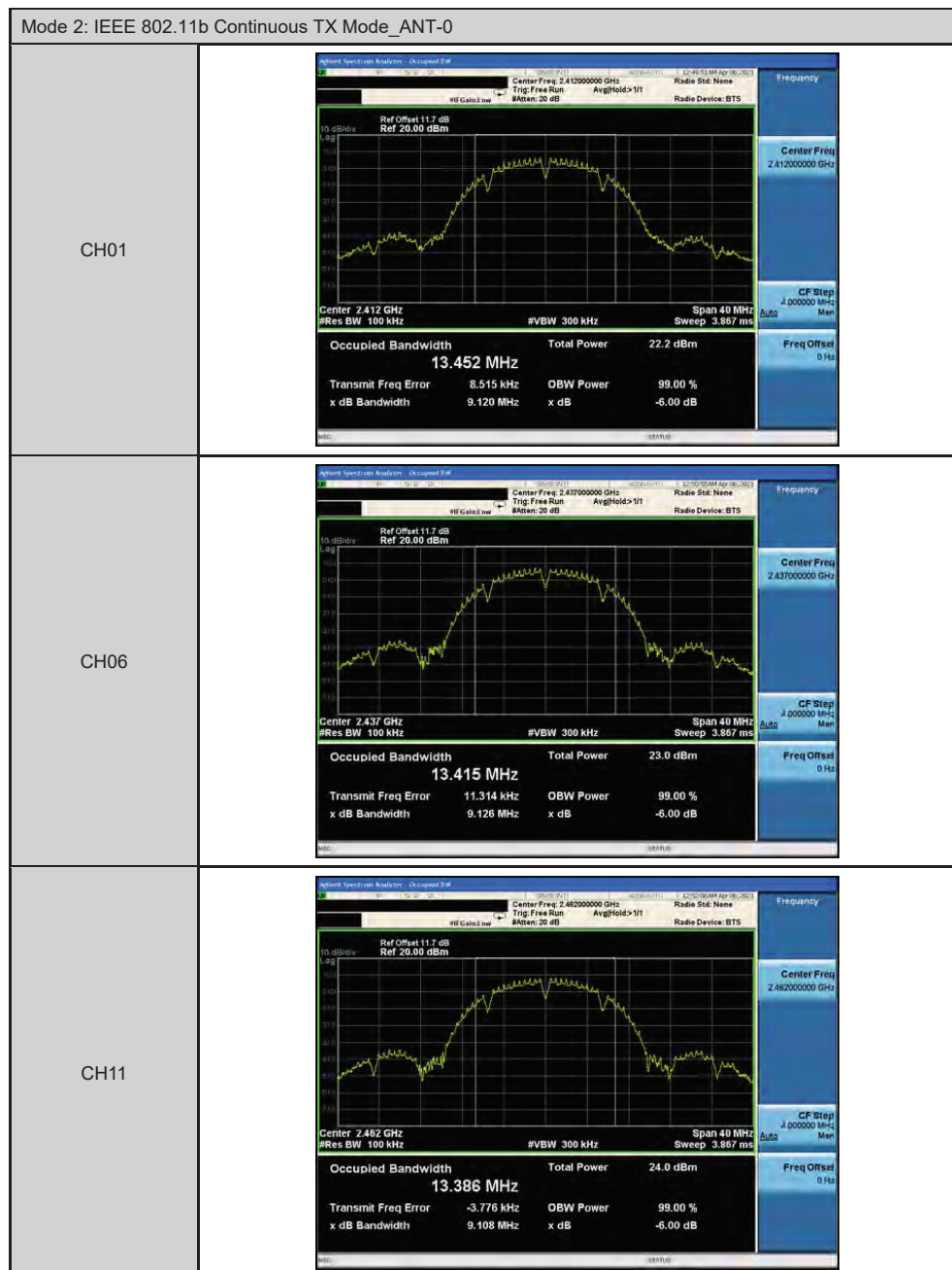
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6 dB Bandwidth

操作模式	頻道	量測值 (kHz)	限制值 (kHz)
		ANT-0	
Mode 2	CH01	9120	≥ 500
	CH06	9126	≥ 500
	CH11	9108	≥ 500
Mode 3	CH01	16380	≥ 500
	CH06	16360	≥ 500
	CH11	16380	≥ 500
Mode 4	CH01	17370	≥ 500
	CH06	16940	≥ 500
	CH11	17340	≥ 500
Mode 5	CH03	36020	≥ 500
	CH06	35450	≥ 500
	CH09	35210	≥ 500

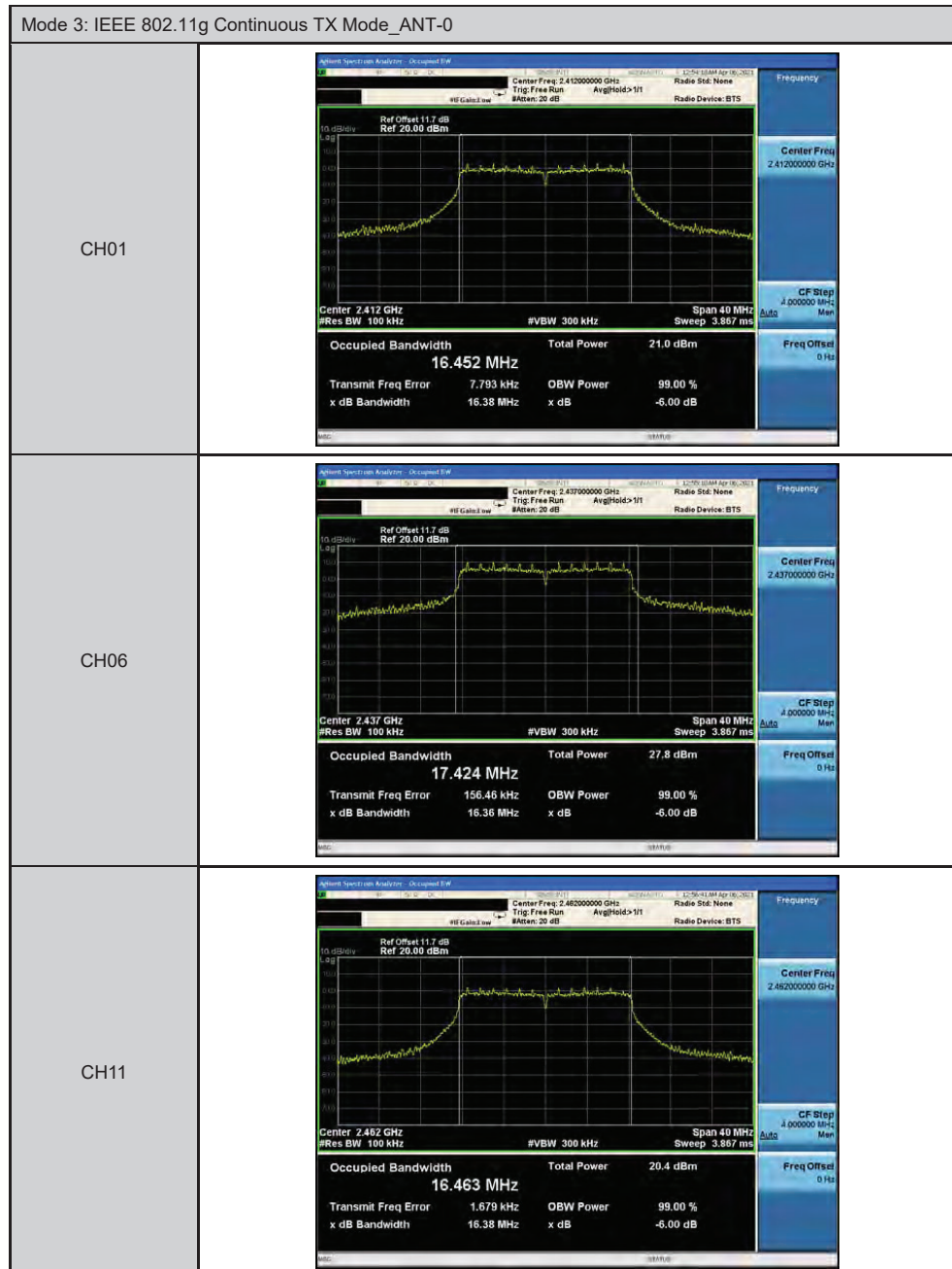
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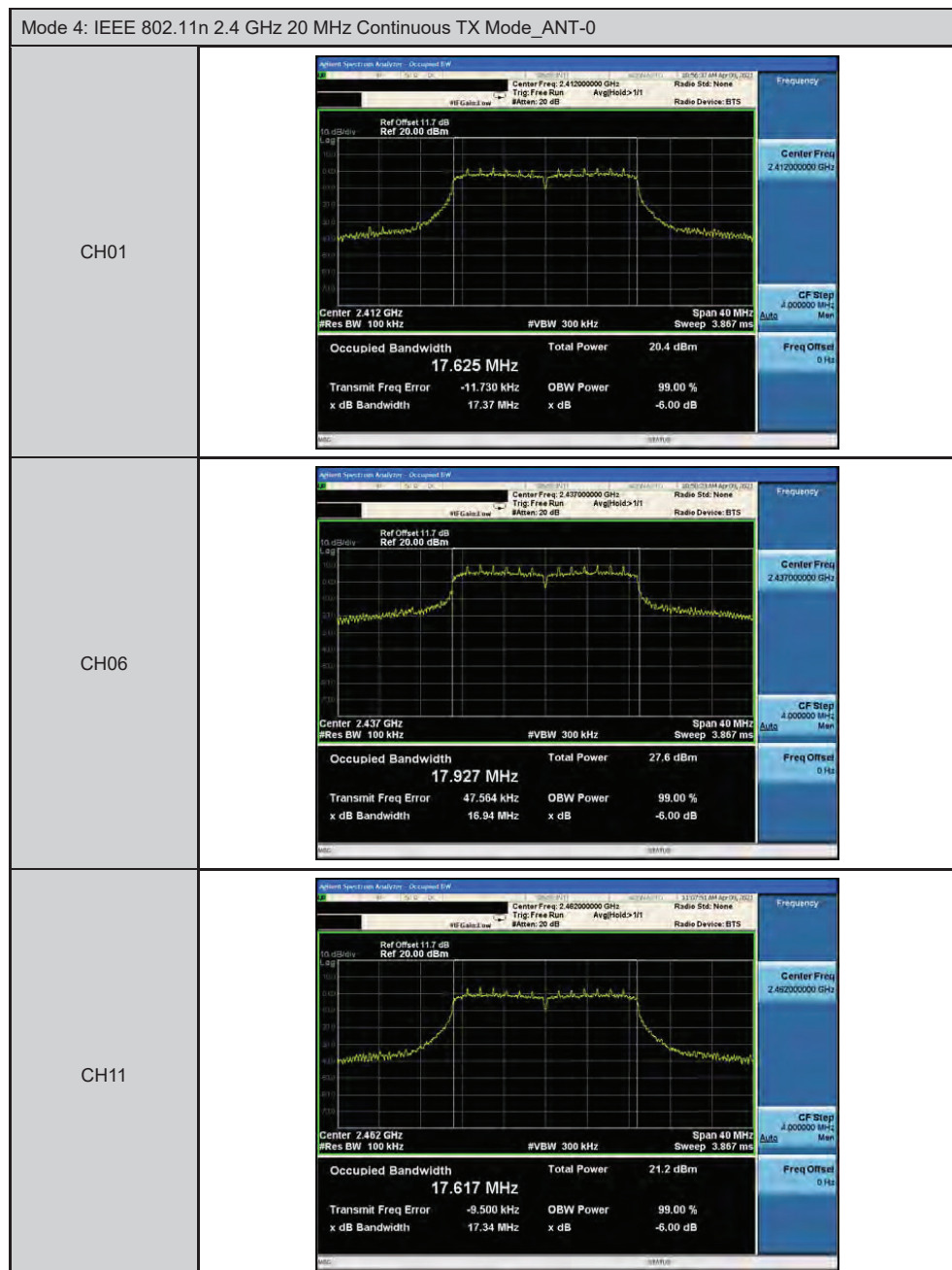
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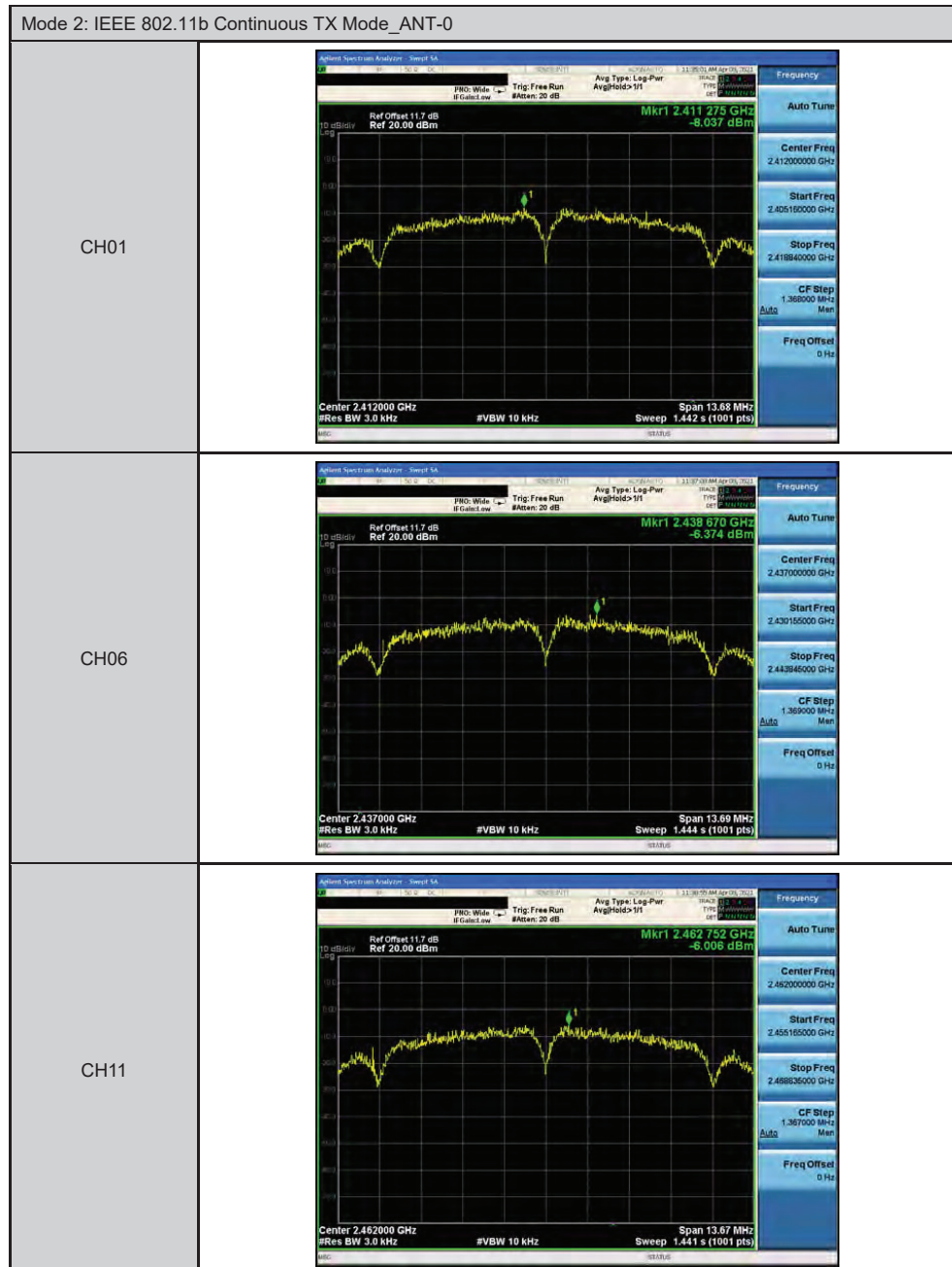
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Maximum Power Spectral Density

操作模式	頻道	量測值 (dBm/3 kHz)	限制值 (dBm/3 kHz)
		ANT-0	
Mode 2	CH01	-8.037	≤ 8.00
	CH06	-6.374	≤ 8.00
	CH11	-6.006	≤ 8.00
Mode 3	CH01	-10.084	≤ 8.00
	CH06	-4.932	≤ 8.00
	CH11	-10.951	≤ 8.00
Mode 4	CH01	-11.556	≤ 8.00
	CH06	-4.855	≤ 8.00
	CH11	-11.755	≤ 8.00
Mode 5	CH03	-16.866	≤ 8.00
	CH06	-8.272	≤ 8.00
	CH09	-15.566	≤ 8.00

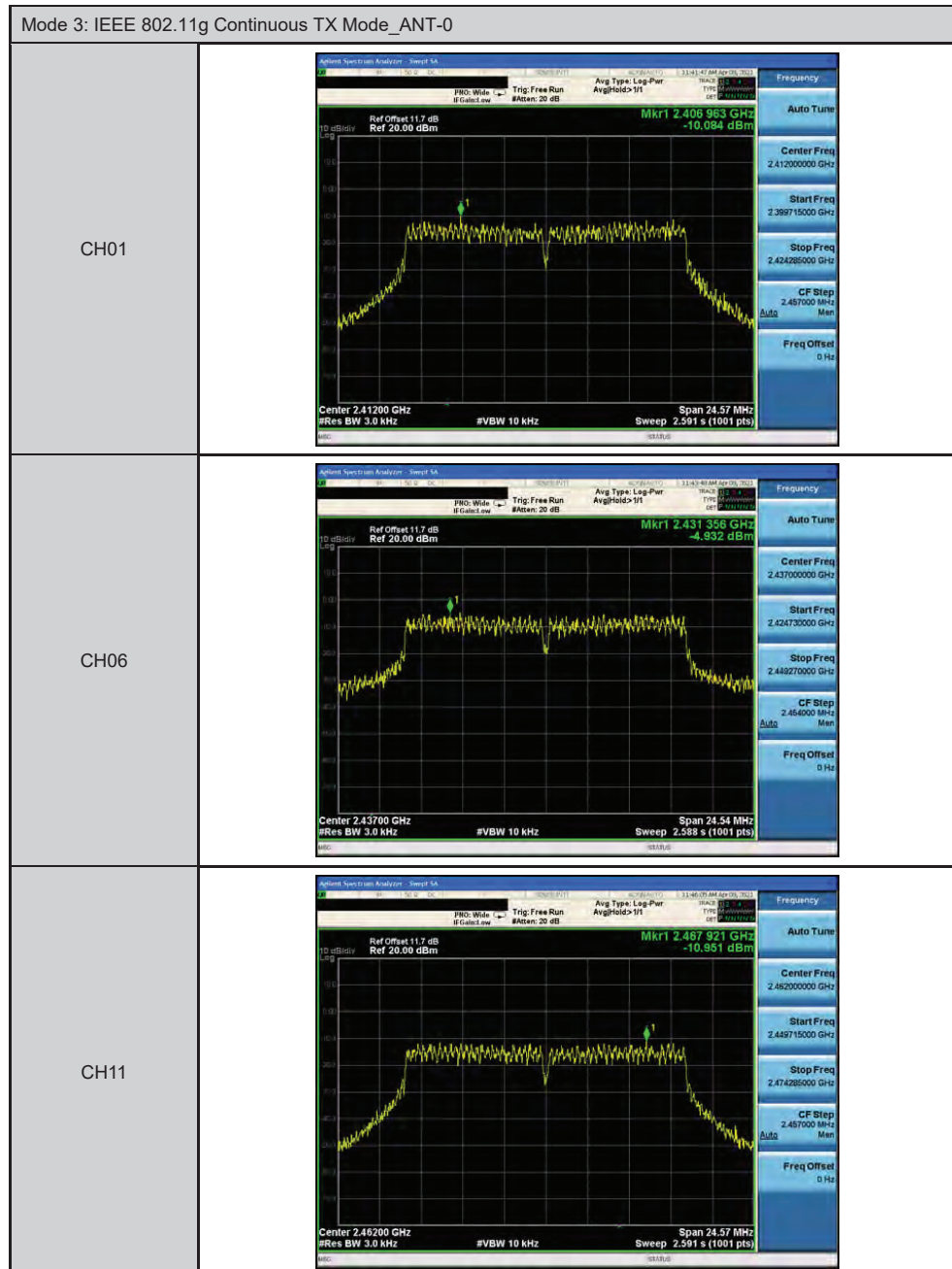
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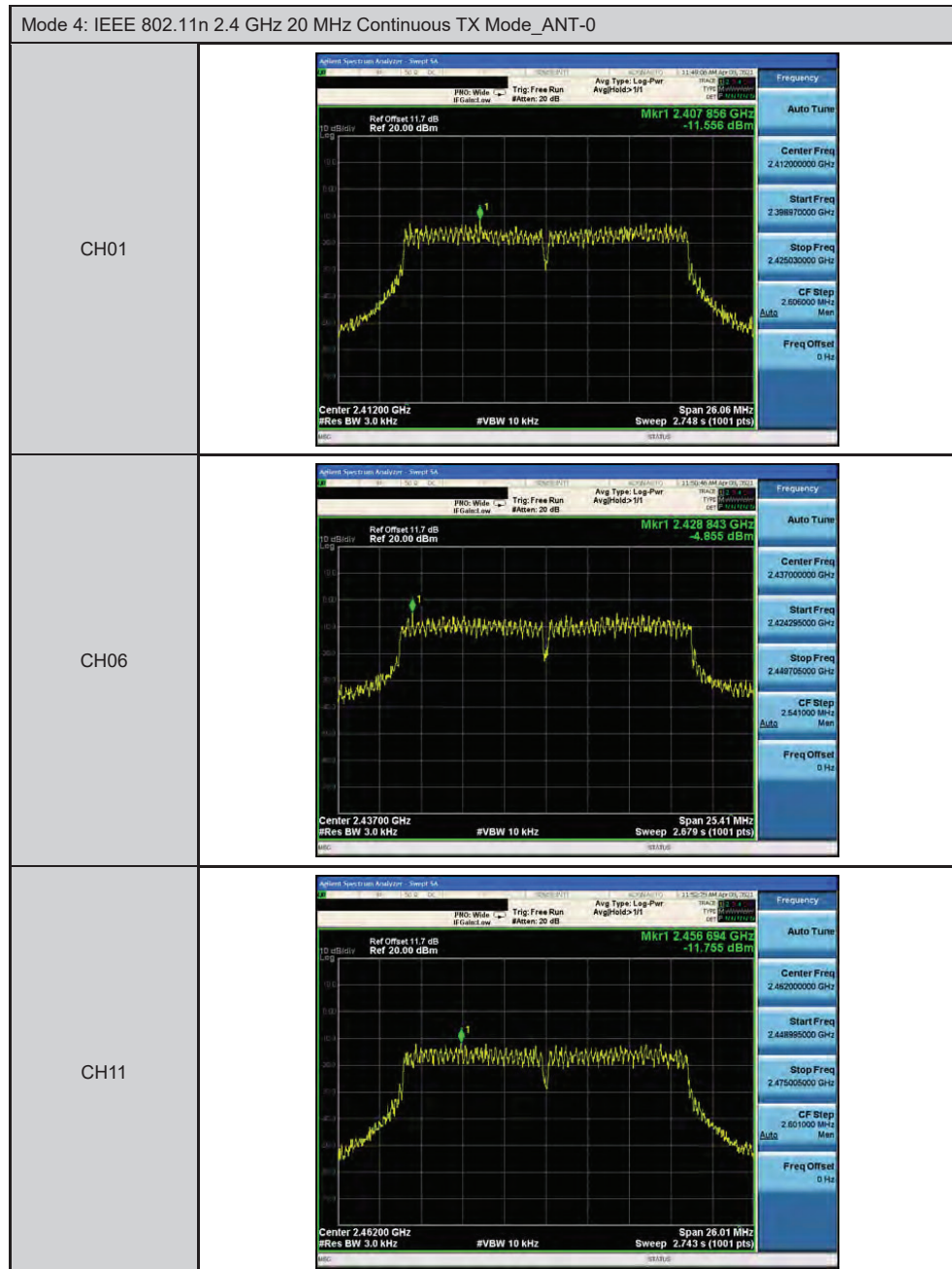
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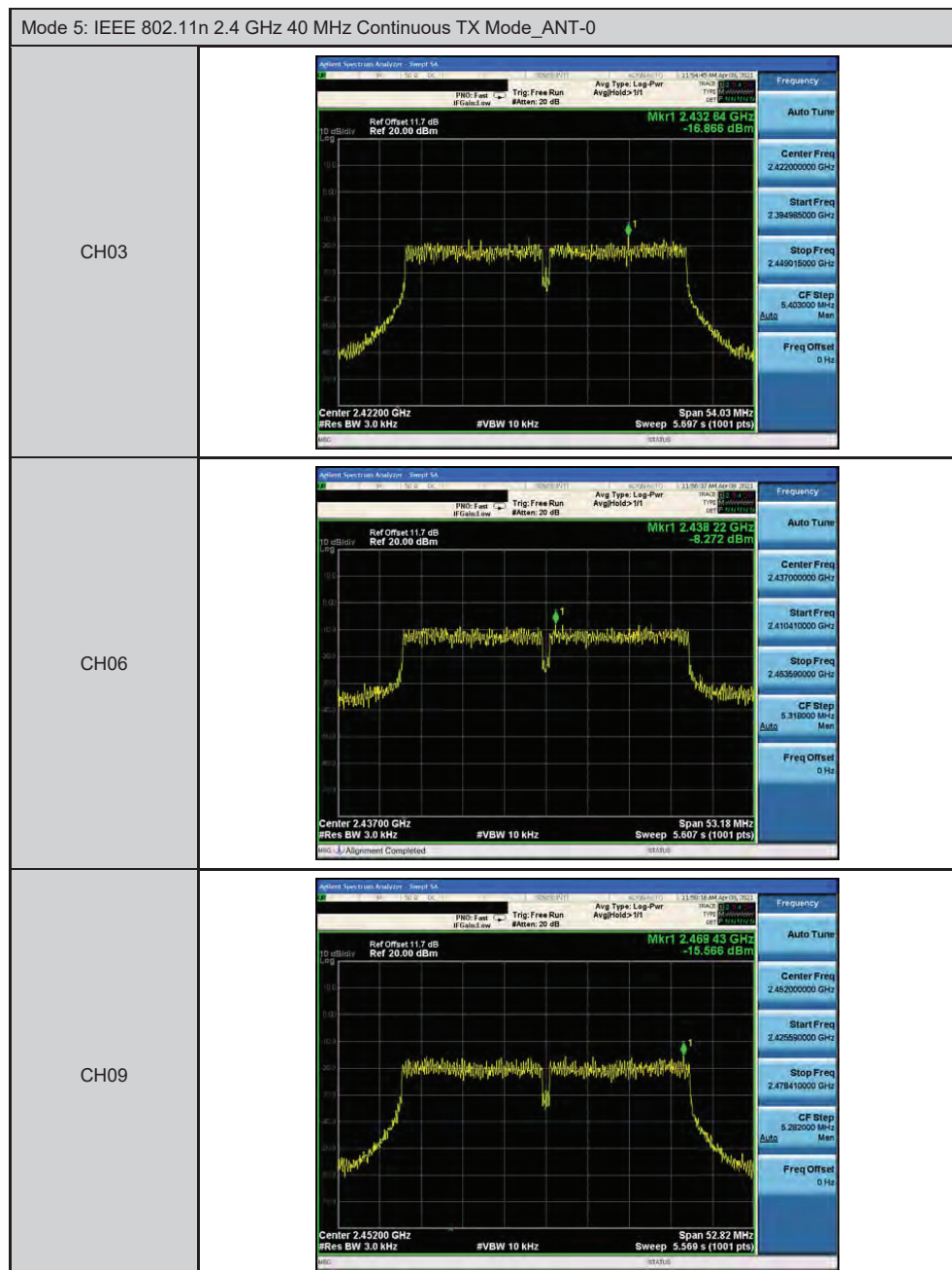
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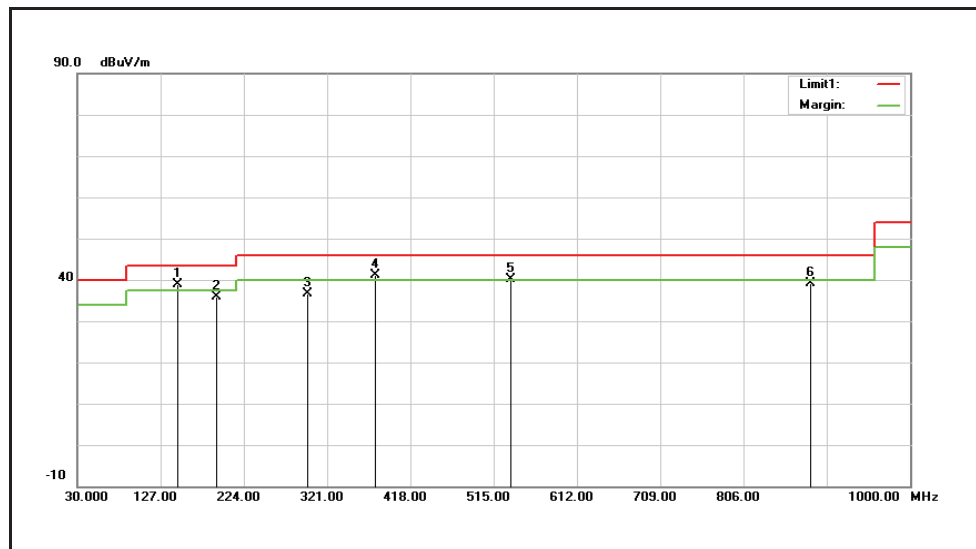
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Annex D. Radiated Emission Measurement (5 GHz)

其它不必要之訊號 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	147.3700	46.70	-7.70	39.00	43.50	-4.50	QP
2	191.9900	45.87	-9.97	35.90	43.50	-7.60	QP
3	297.7200	43.32	-6.58	36.74	46.00	-9.26	QP
4	377.2600	46.31	-5.17	41.14	46.00	-4.86	QP
5	535.3700	42.81	-2.78	40.03	46.00	-5.97	QP
6	884.5700	36.30	2.81	39.11	46.00	-6.89	QP

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

Example: 39.00 = -7.70 + 46.70.

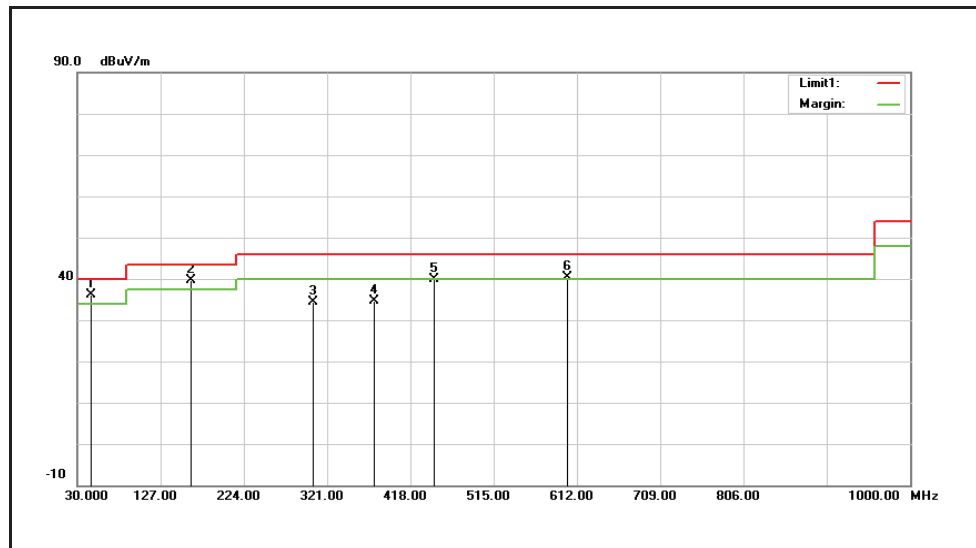
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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:	Radiated Emission		
Frequency:	5240 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	46.4900	43.86	-7.81	36.05	40.00	-3.95	QP
2	162.8900	47.15	-7.59	39.56	43.50	-3.94	QP
3	304.5100	40.70	-6.43	34.27	46.00	-11.73	QP
4	375.3200	39.78	-5.19	34.59	46.00	-11.41	QP
5	445.1600	43.83	-3.99	39.84	46.00	-6.16	QP
6	600.3600	41.60	-1.26	40.34	46.00	-5.66	QP

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

Example: $36.05 = -7.81 + 43.86$.

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

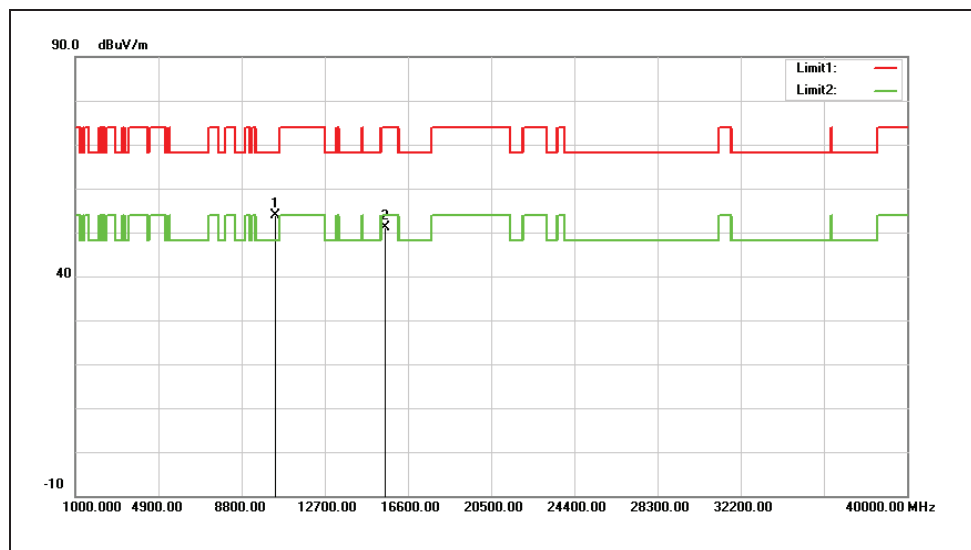
3. When the peak results are less than average limit, so not need to evaluate the average.

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場強輻射量測 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	42.22	11.69	53.91	68.20	-14.29	peak
2	15540.000	36.72	14.52	51.24	74.00	-22.76	peak

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

Example: 53.91= 11.69 + 42.22.

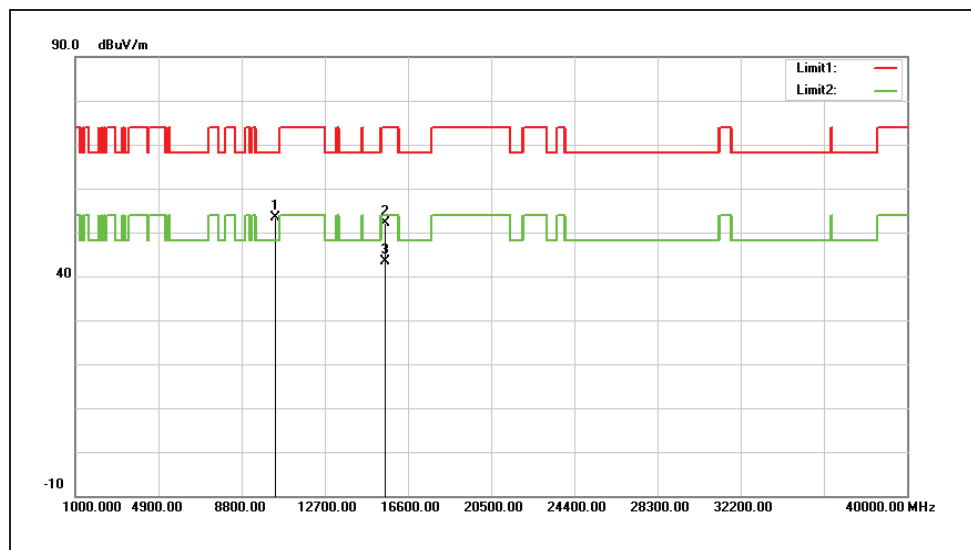
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	41.73	11.69	53.42	68.20	-14.78	peak
2	15540.000	37.61	14.52	52.13	74.00	-21.87	peak
3	15540.000	28.80	14.52	43.32	54.00	-10.68	AVG

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

Example: 53.42 = 11.69 + 41.73.

2. Correction factor (dB/m) = Antenna Factor (dB/m) + 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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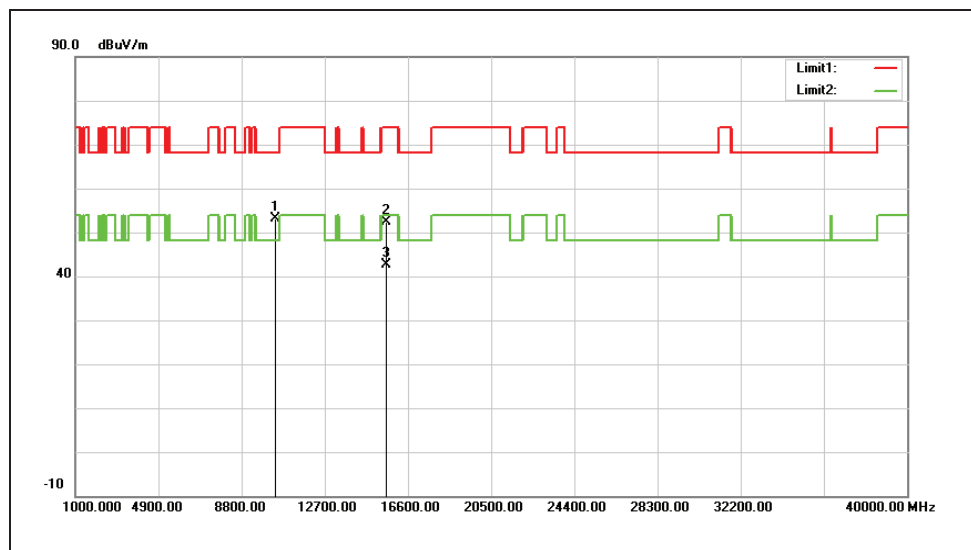
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	41.39	11.79	53.18	68.20	-15.02	peak
2	15600.000	37.98	14.39	52.37	74.00	-21.63	peak
3	15600.000	28.23	14.39	42.62	54.00	-11.38	AVG

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

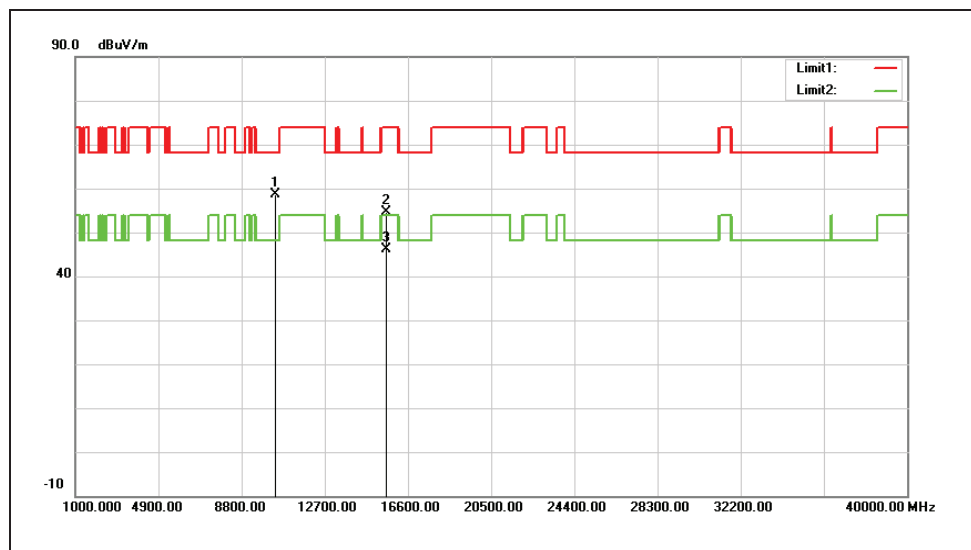
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	46.74	11.79	58.53	68.20	-9.67	peak
2	15600.000	40.24	14.39	54.63	74.00	-19.37	peak
3	15600.000	31.70	14.39	46.09	54.00	-7.91	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.

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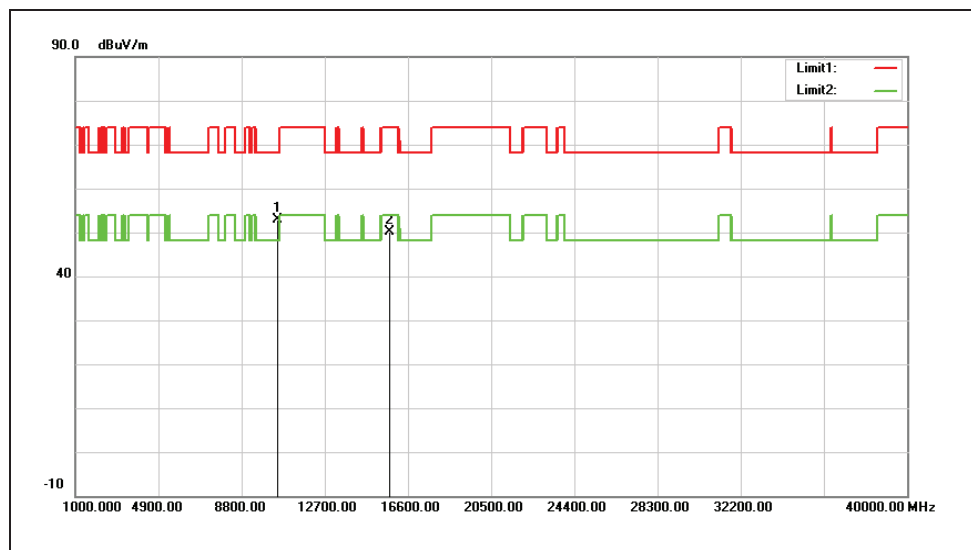
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	40.76	12.00	52.76	68.20	-15.44	peak
2	15720.000	35.96	14.13	50.09	74.00	-23.91	peak

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

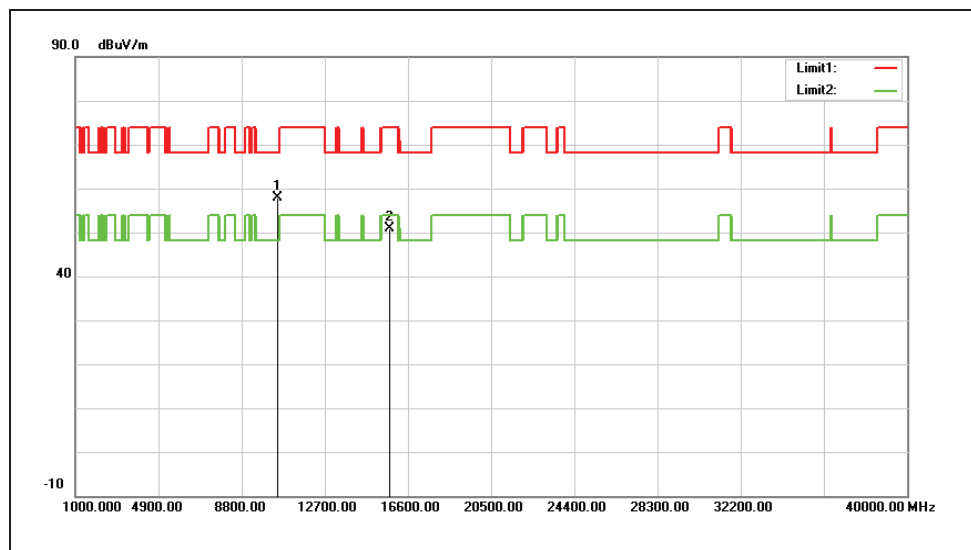
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	45.91	12.00	57.91	68.20	-10.29	peak
2	15720.000	36.70	14.13	50.83	74.00	-23.17	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.

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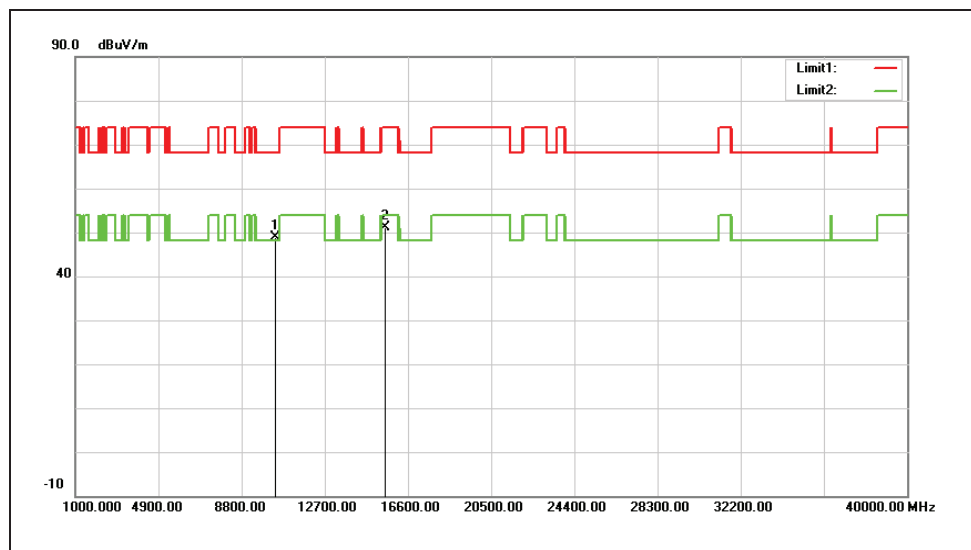
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	37.08	11.69	48.77	68.20	-19.43	peak
2	15540.000	36.65	14.52	51.17	74.00	-22.83	peak

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

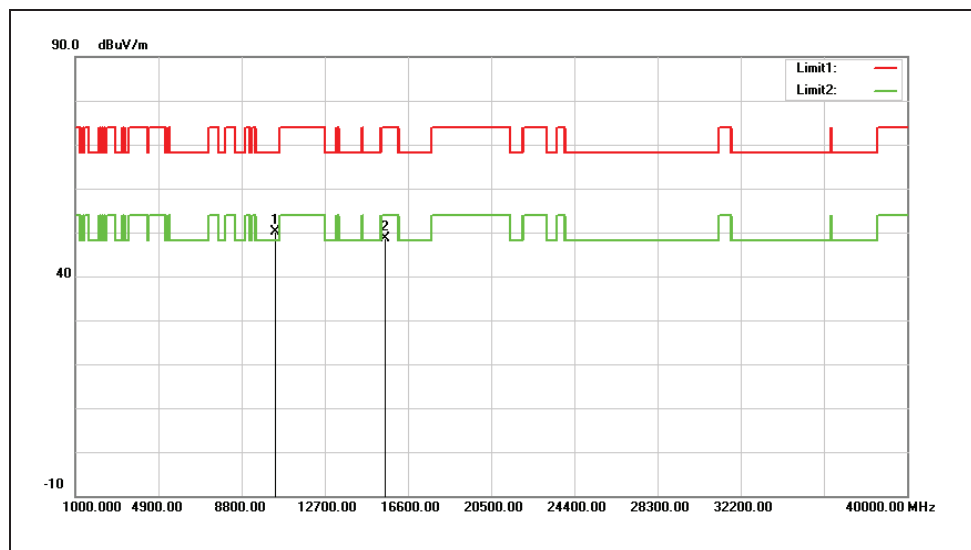
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	38.51	11.69	50.20	68.20	-18.00	peak
2	15540.000	34.11	14.52	48.63	74.00	-25.37	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.

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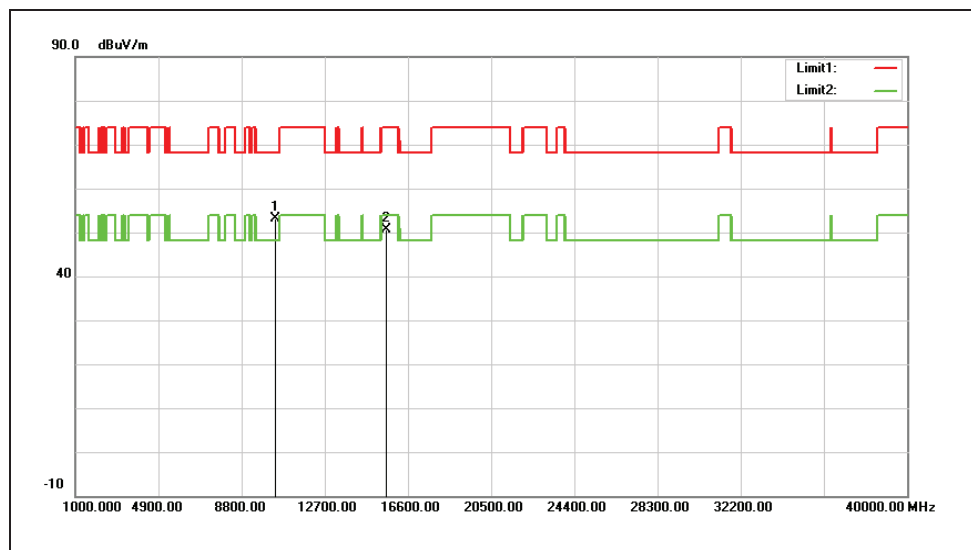
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	41.40	11.79	53.19	68.20	-15.01	peak
2	15600.000	36.27	14.39	50.66	74.00	-23.34	peak

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

2.Correction factor (dB/m) = Antenna Factor (dB/m) + 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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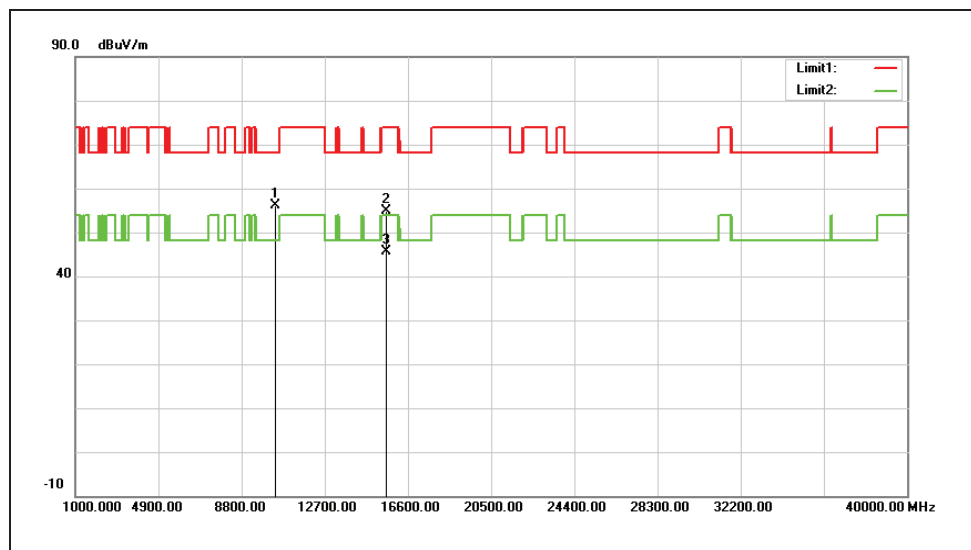
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	44.30	11.79	56.09	68.20	-12.11	peak
2	15600.000	40.38	14.39	54.77	74.00	-19.23	peak
3	15600.000	31.35	14.39	45.74	54.00	-8.26	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.

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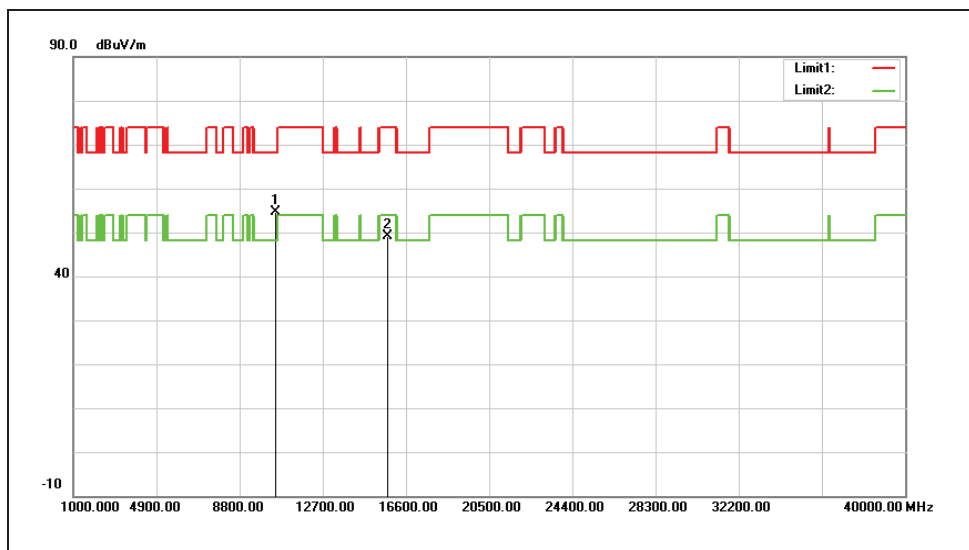
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	42.64	12.00	54.64	68.20	-13.56	peak
2	15720.000	34.98	14.13	49.11	74.00	-24.89	peak

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

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

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

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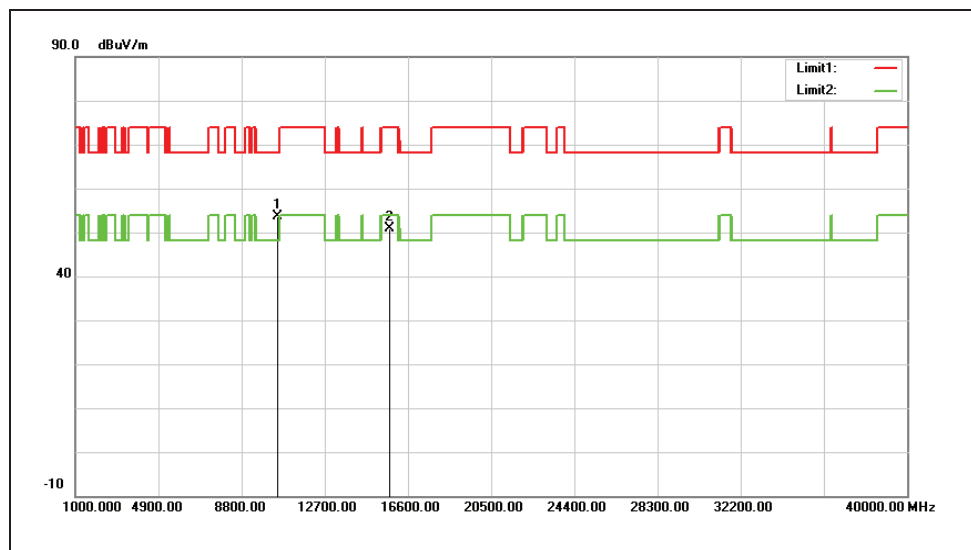
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	41.70	12.00	53.70	68.20	-14.50	peak
2	15720.000	36.73	14.13	50.86	74.00	-23.14	peak

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

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

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

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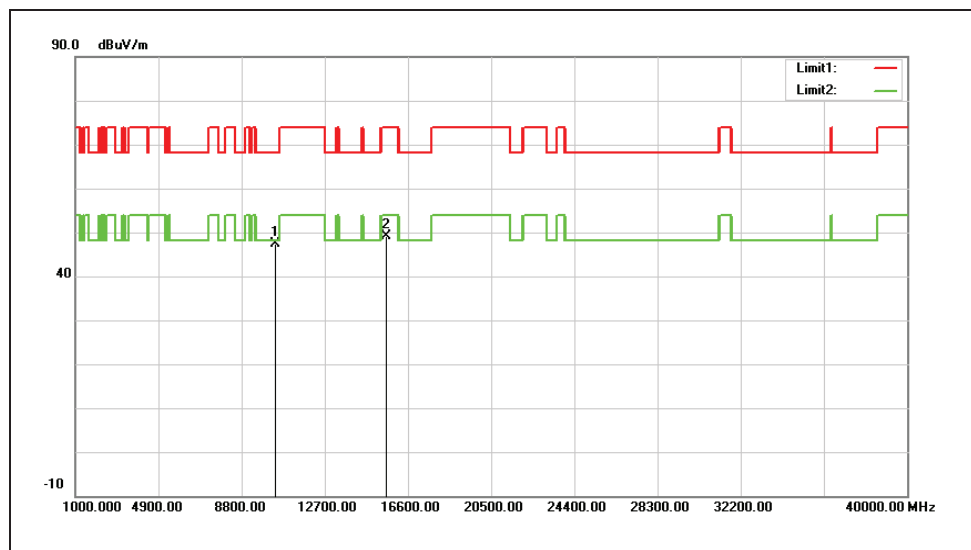
A Test Lab Techno Corp.

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Rev.00

Date of Issue: Apr. 28, 2021

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	35.71	11.75	47.46	68.20	-20.74	peak
2	15570.000	34.59	14.45	49.04	74.00	-24.96	peak

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

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

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

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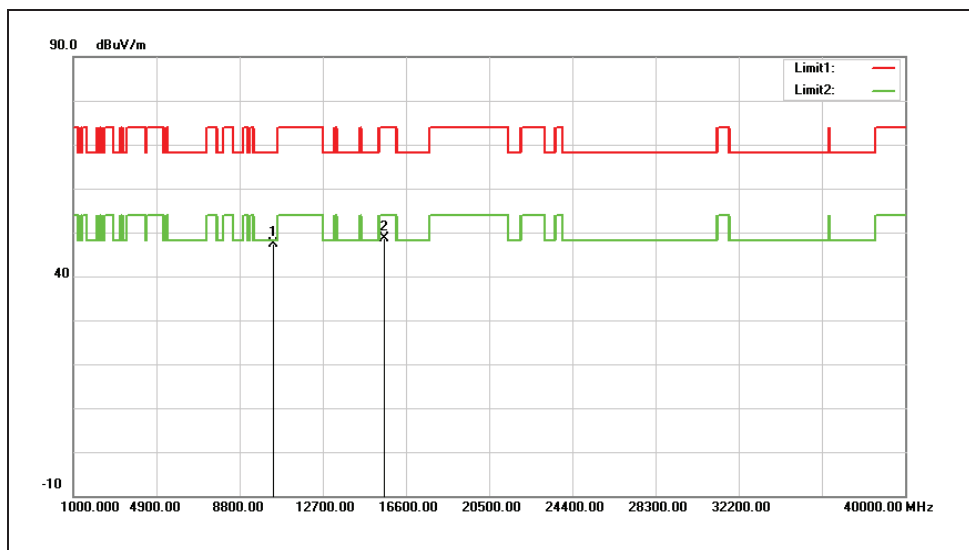
A Test Lab Techno Corp.

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Date of Issue: Apr. 28, 2021

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	35.62	11.75	47.37	68.20	-20.83	peak
2	15570.000	34.23	14.45	48.68	74.00	-25.32	peak

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

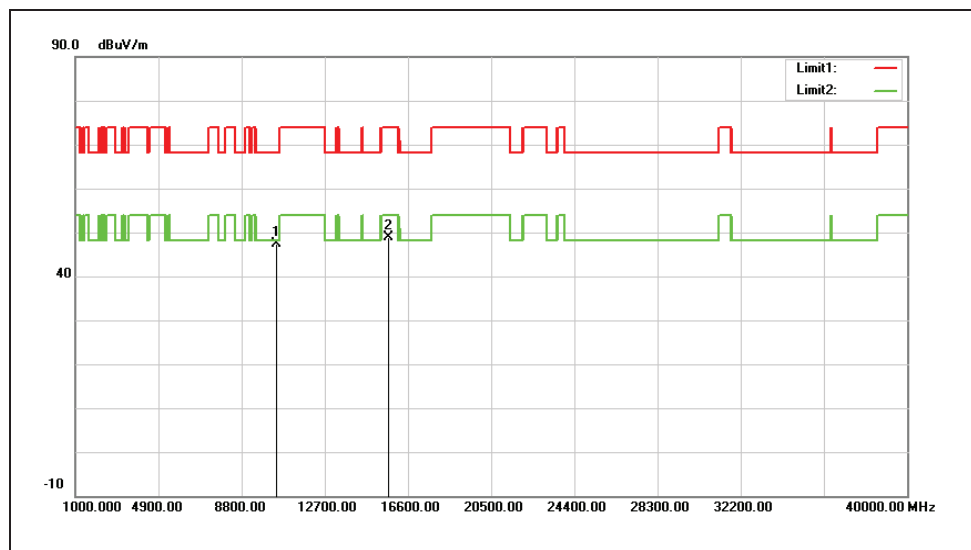
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	35.49	11.95	47.44	68.20	-20.76	peak
2	15690.000	34.63	14.19	48.82	74.00	-25.18	peak

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

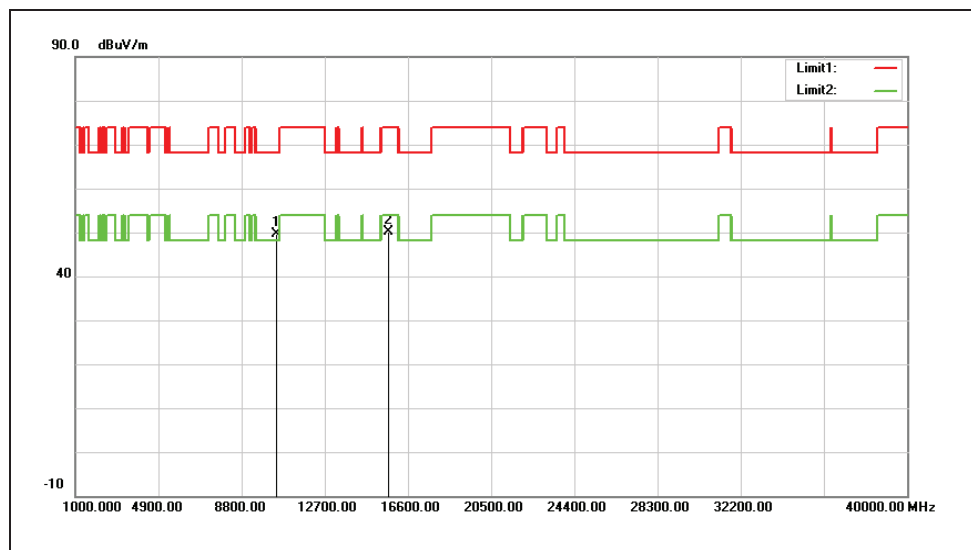
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	37.75	11.95	49.70	68.20	-18.50	peak
2	15690.000	36.03	14.19	50.22	74.00	-23.78	peak

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

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

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

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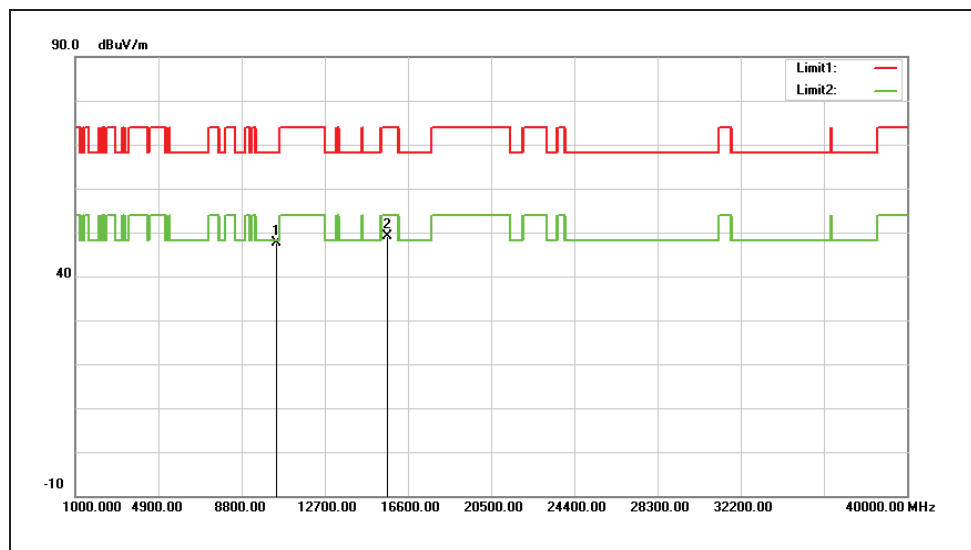
A Test Lab Techno Corp.

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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	35.69	11.85	47.54	68.20	-20.66	peak
2	15630.000	34.68	14.33	49.01	74.00	-24.99	peak

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

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

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

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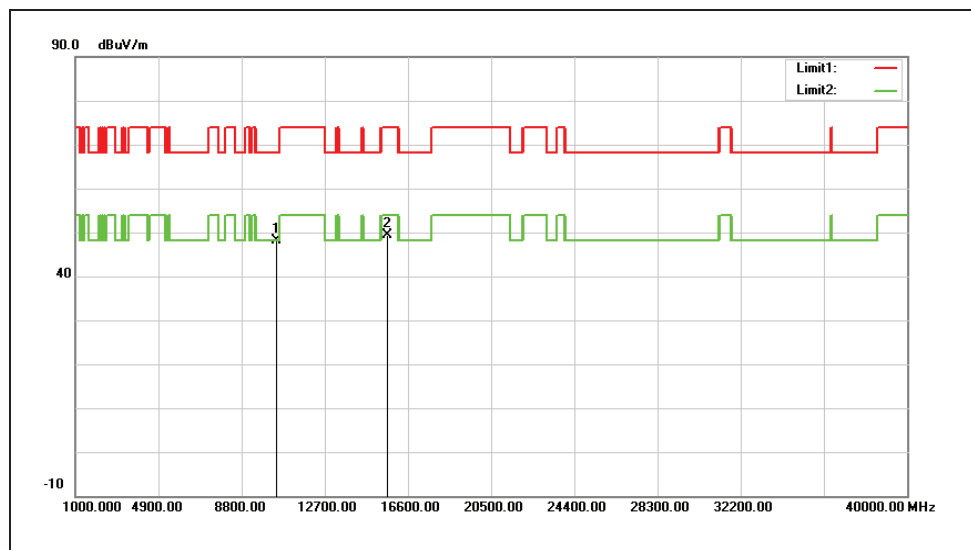
A Test Lab Techno Corp.

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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	36.30	11.85	48.15	68.20	-20.05	peak
2	15630.000	34.93	14.33	49.26	74.00	-24.74	peak

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

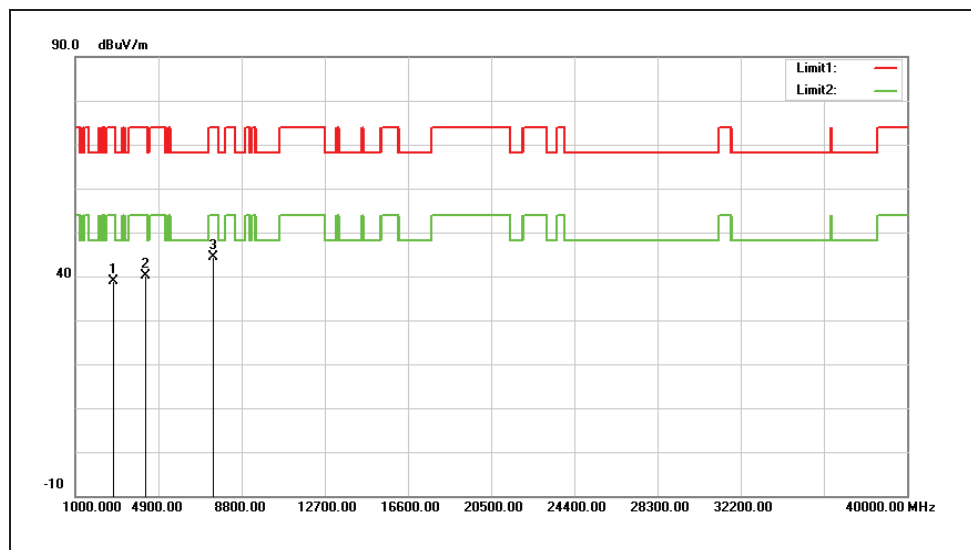
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 12		
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2785.000	44.94	-6.11	38.83	74.00	-35.17	peak
2	4281.000	42.97	-2.74	40.23	74.00	-33.77	peak
3	7443.000	37.79	6.57	44.36	74.00	-29.64	peak

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

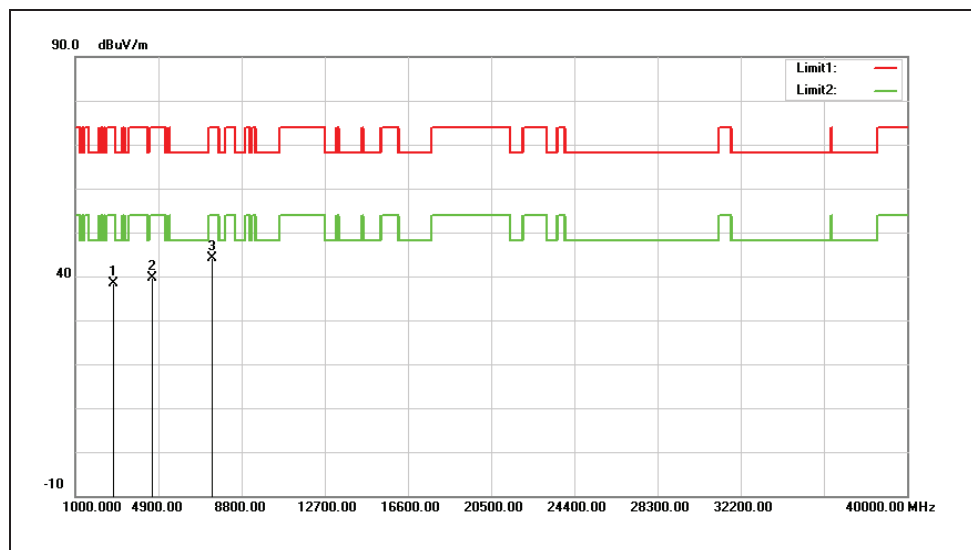
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) - Pre-Amplifier gain (dB).

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

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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 12		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2785.000	44.48	-6.11	38.37	74.00	-35.63	peak
2	4621.000	41.51	-1.81	39.70	74.00	-34.30	peak
3	7426.000	37.68	6.52	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).

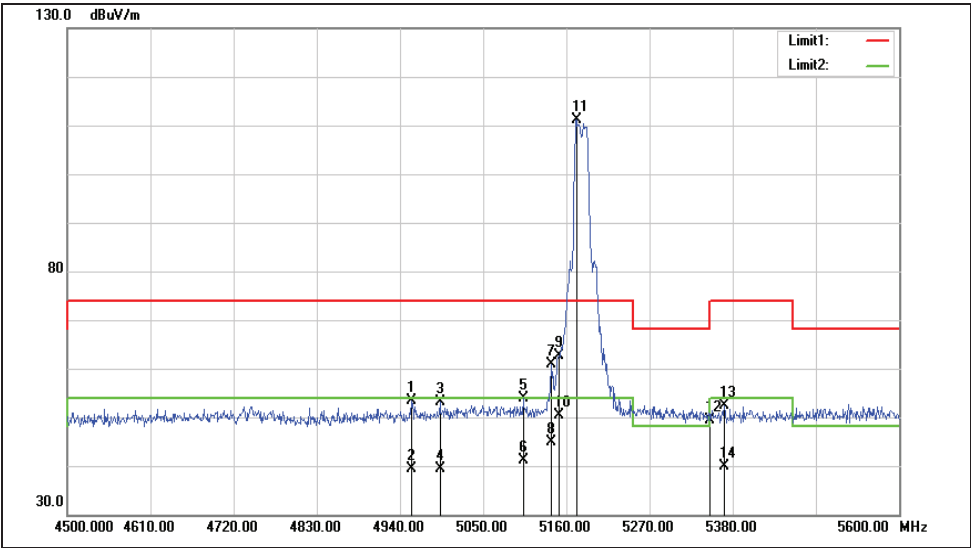
3. When the peak results are less than average limit, so not need to evaluate the average.

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頻帶邊緣

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4955.400	54.22	-0.89	53.33	74.00	-20.67	peak
2	4955.400	40.20	-0.89	39.31	54.00	-14.69	AVG
3	4992.800	54.00	-0.78	53.22	74.00	-20.78	peak
4	4992.800	40.14	-0.78	39.36	54.00	-14.64	AVG
5	5102.800	54.40	-0.57	53.83	74.00	-20.17	peak
6	5102.800	41.65	-0.57	41.08	54.00	-12.92	AVG
7	5140.200	61.49	-0.49	61.00	74.00	-13.00	peak
8	5140.200	45.33	-0.49	44.84	54.00	-9.16	AVG
9	5150.000	63.14	-0.48	62.66	74.00	-11.34	peak
10	5150.000	50.81	-0.48	50.33	54.00	-3.67	AVG
11	5173.200	111.67	-0.43	111.24	--	--	peak
12	5350.000	49.47	-0.08	49.39	74.00	-24.61	peak
13	5369.000	52.45	-0.04	52.41	74.00	-21.59	peak
14	5369.000	39.92	-0.04	39.88	54.00	-14.12	AVG

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

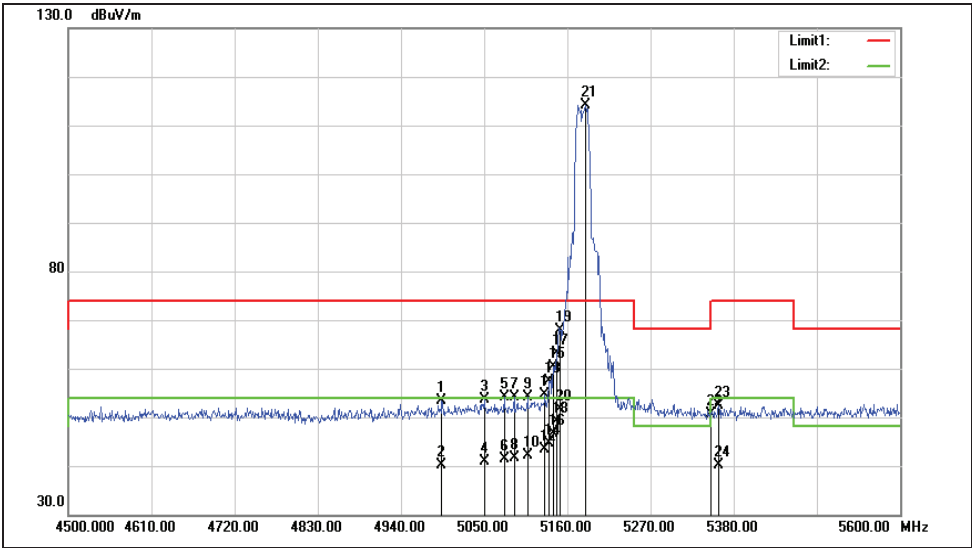
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4993.900	54.23	-0.78	53.45	74.00	-20.55	peak
2	4993.900	40.96	-0.78	40.18	54.00	-13.82	AVG
3	5050.000	54.19	-0.68	53.51	74.00	-20.49	peak
4	5050.000	41.50	-0.68	40.82	54.00	-13.18	AVG
5	5076.400	54.65	-0.62	54.03	74.00	-19.97	peak
6	5076.400	41.91	-0.62	41.29	54.00	-12.71	AVG
7	5089.600	54.66	-0.60	54.06	74.00	-19.94	peak
8	5089.600	42.24	-0.60	41.64	54.00	-12.36	AVG
9	5107.200	54.70	-0.56	54.14	74.00	-19.86	peak
10	5107.200	42.71	-0.56	42.15	54.00	-11.85	AVG
11	5130.300	55.09	-0.52	54.57	74.00	-19.43	peak
12	5130.300	43.90	-0.52	43.38	54.00	-10.62	AVG
13	5135.800	57.89	-0.50	57.39	74.00	-16.61	peak
14	5135.800	45.21	-0.50	44.71	54.00	-9.29	AVG
15	5141.300	60.79	-0.49	60.30	74.00	-13.70	peak
16	5141.300	47.17	-0.49	46.68	54.00	-7.32	AVG
17	5145.700	63.56	-0.48	63.08	74.00	-10.92	peak
18	5145.700	49.54	-0.48	49.06	54.00	-4.94	AVG
19	5150.000	68.25	-0.48	67.77	74.00	-6.23	peak
20	5150.000	52.21	-0.48	51.73	54.00	-2.27	AVG
21	5184.200	114.56	-0.40	114.16	--	--	peak
22	5350.000	50.78	-0.08	50.70	74.00	-23.30	peak
23	5360.200	52.33	-0.06	52.27	74.00	-21.73	peak
24	5360.200	40.28	-0.06	40.22	54.00	-13.78	AVG

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

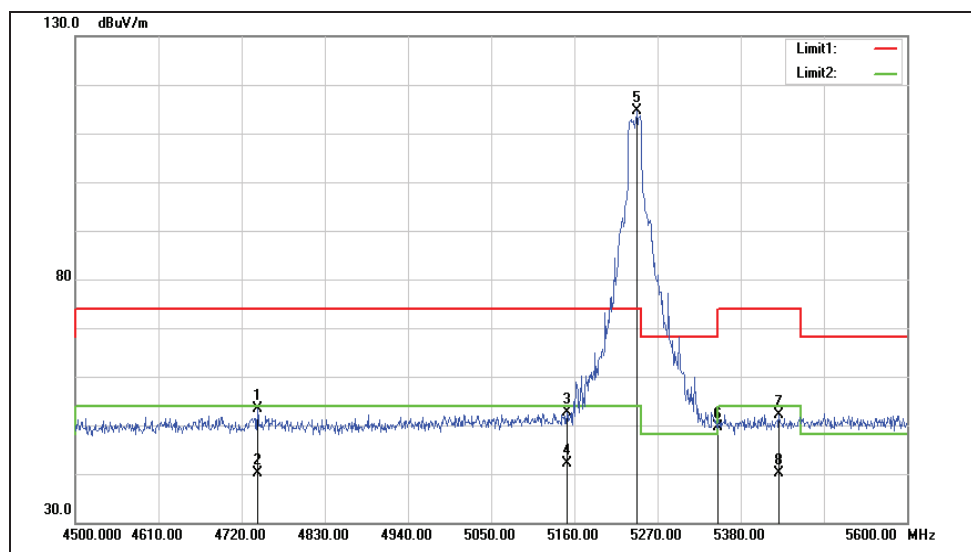
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4740.900	54.82	-1.48	53.34	74.00	-20.66	peak
2	4740.900	41.70	-1.48	40.22	54.00	-13.78	AVG
3	5150.000	53.03	-0.48	52.55	74.00	-21.45	peak
4	5150.000	42.63	-0.48	42.15	54.00	-11.85	AVG
5	5242.500	114.98	-0.29	114.69	--	--	peak
6	5350.000	49.78	-0.08	49.70	74.00	-24.30	peak
7	5430.600	52.14	0.08	52.22	74.00	-21.78	peak
8	5430.600	40.11	0.08	40.19	54.00	-13.81	AVG

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

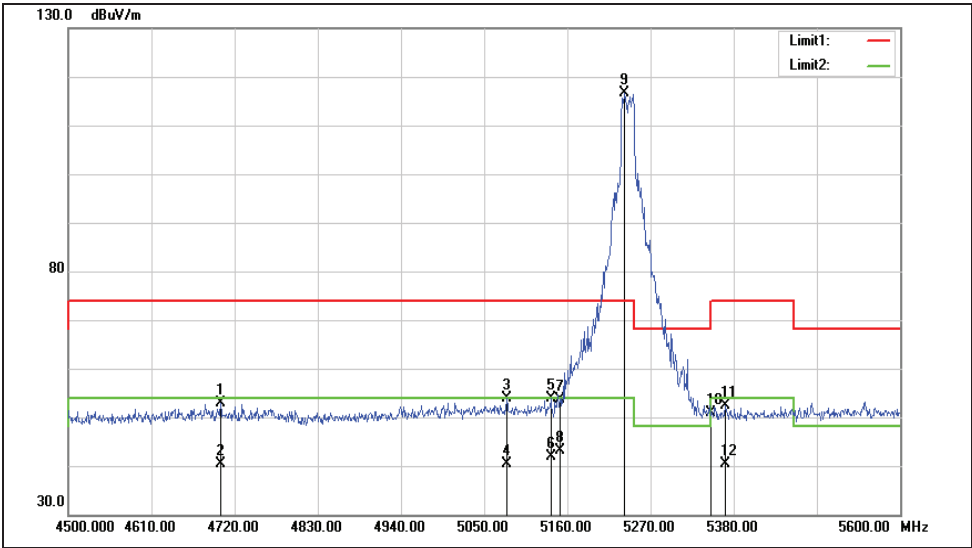
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4701.300	54.45	-1.59	52.86	74.00	-21.14	peak
2	4701.300	41.85	-1.59	40.26	54.00	-13.74	AVG
3	5079.700	54.52	-0.62	53.90	74.00	-20.10	peak
4	5079.700	40.99	-0.62	40.37	54.00	-13.63	AVG
5	5138.000	54.35	-0.49	53.86	74.00	-20.14	peak
6	5138.000	42.42	-0.49	41.93	54.00	-12.07	AVG
7	5150.000	54.22	-0.48	53.74	74.00	-20.26	peak
8	5150.000	43.55	-0.48	43.07	54.00	-10.93	AVG
9	5235.900	116.86	-0.31	116.55	--	--	peak
10	5350.000	50.94	-0.08	50.86	74.00	-23.14	peak
11	5369.000	52.42	-0.04	52.38	74.00	-21.62	peak
12	5369.000	40.39	-0.04	40.35	54.00	-13.65	AVG

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

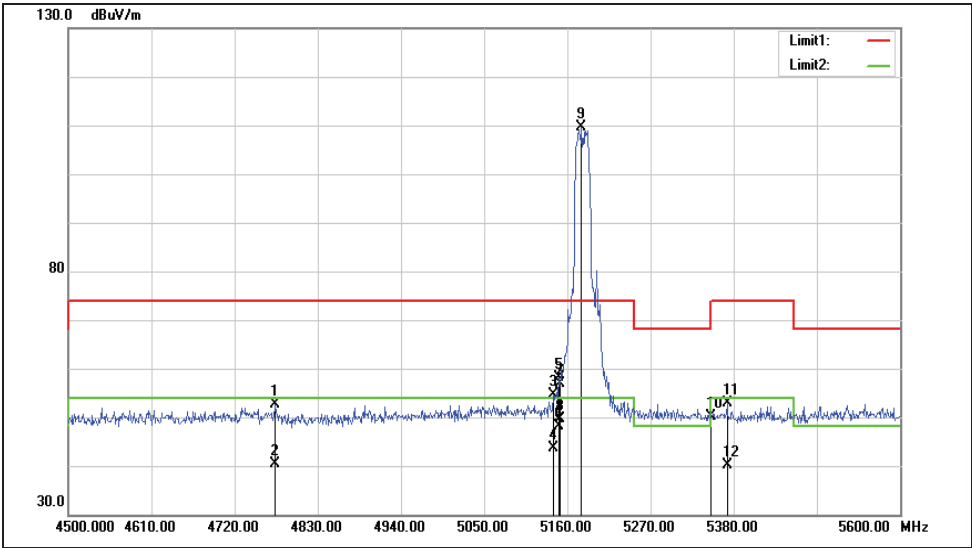
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4773.900	53.95	-1.40	52.55	74.00	-21.45	peak
2	4773.900	41.82	-1.40	40.42	54.00	-13.58	AVG
3	5141.300	55.02	-0.49	54.53	74.00	-19.47	peak
4	5141.300	44.17	-0.49	43.68	54.00	-10.32	AVG
5	5149.000	58.70	-0.48	58.22	74.00	-15.78	peak
6	5149.000	48.68	-0.48	48.20	54.00	-5.80	AVG
7	5150.000	57.37	-0.48	56.89	74.00	-17.11	peak
8	5150.000	50.01	-0.48	49.53	54.00	-4.47	AVG
9	5178.700	110.02	-0.42	109.60	--	--	peak
10	5350.000	50.32	-0.08	50.24	74.00	-23.76	peak
11	5371.200	52.82	-0.03	52.79	74.00	-21.21	peak
12	5371.200	40.27	-0.03	40.24	54.00	-13.76	AVG

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

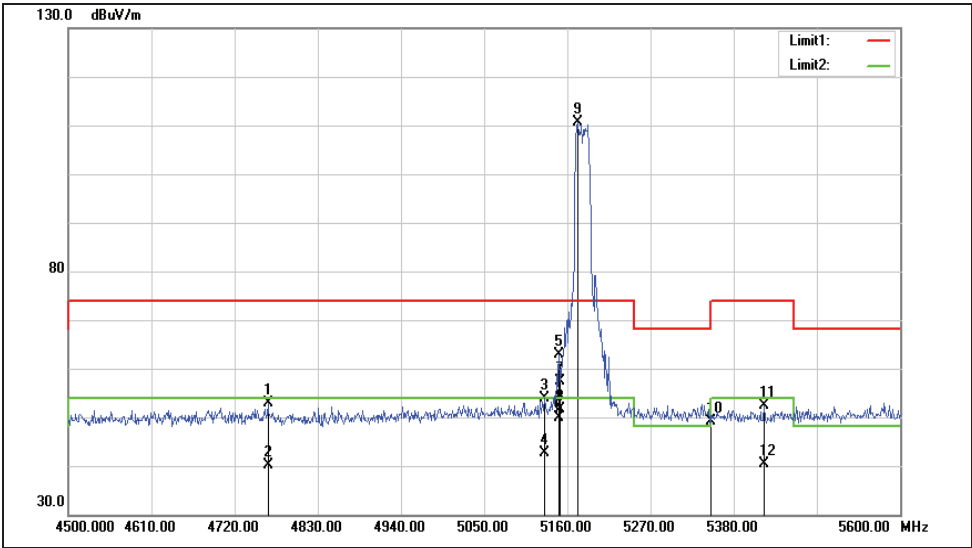
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4764.000	54.33	-1.41	52.92	74.00	-21.08	peak
2	4764.000	41.58	-1.41	40.17	54.00	-13.83	AVG
3	5129.200	54.52	-0.52	54.00	74.00	-20.00	peak
4	5129.200	43.18	-0.52	42.66	54.00	-11.34	AVG
5	5149.000	63.31	-0.48	62.83	74.00	-11.17	peak
6	5149.000	50.26	-0.48	49.78	54.00	-4.22	AVG
7	5150.000	57.83	-0.48	57.35	74.00	-16.65	peak
8	5150.000	52.04	-0.48	51.56	54.00	-2.44	AVG
9	5174.300	110.98	-0.43	110.55	--	--	peak
10	5350.000	49.13	-0.08	49.05	74.00	-24.95	peak
11	5419.600	52.26	0.06	52.32	74.00	-21.68	peak
12	5419.600	40.26	0.06	40.32	54.00	-13.68	AVG

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

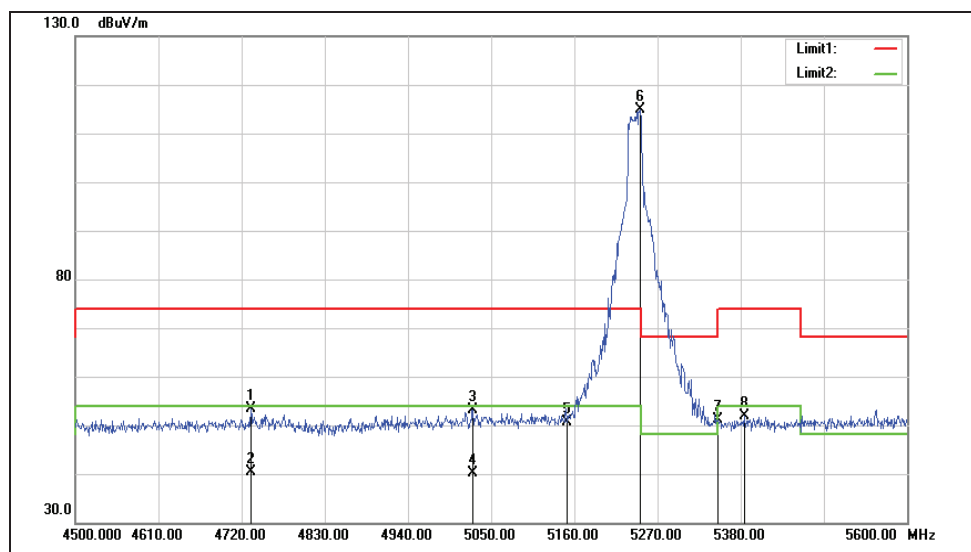
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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



晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4732.100	54.93	-1.51	53.42	74.00	-20.58	peak
2	4732.100	41.79	-1.51	40.28	54.00	-13.72	AVG
3	5025.800	53.82	-0.72	53.10	74.00	-20.90	peak
4	5025.800	40.86	-0.72	40.14	54.00	-13.86	AVG
5	5150.000	51.03	-0.48	50.55	74.00	-23.45	peak
6	5246.900	115.19	-0.28	114.91	--	--	peak
7	5350.000	51.10	-0.08	51.02	74.00	-22.98	peak
8	5384.400	51.96	-0.01	51.95	74.00	-22.05	peak

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

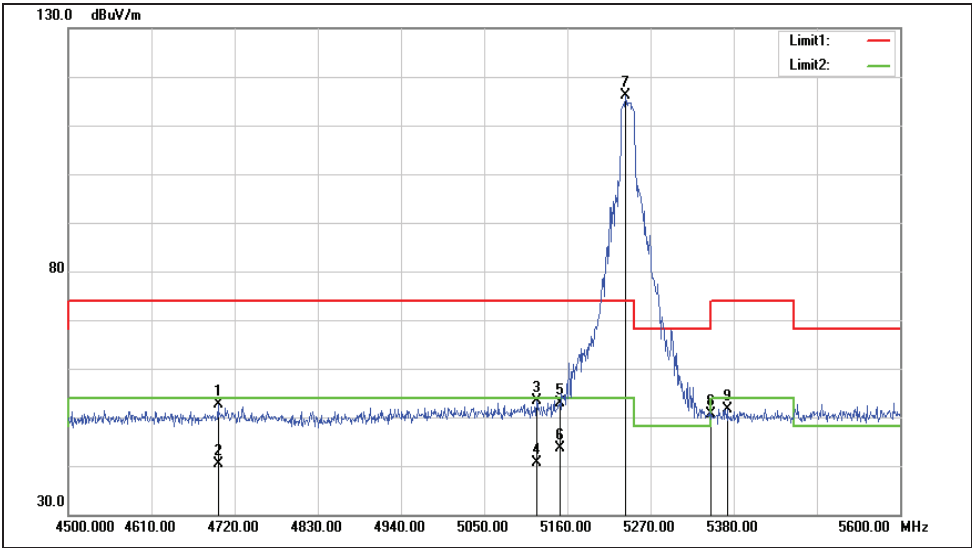
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

晶復科技股份有限公司
A Test Lab Techno Corp.
Report Number: 2104DR38
Rev.00

Date of Issue: Apr. 28, 2021

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



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Report Number: 2104DR38
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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4698.000	54.12	-1.59	52.53	74.00	-21.47	peak
2	4698.000	41.96	-1.59	40.37	54.00	-13.63	AVG
3	5119.300	53.91	-0.53	53.38	74.00	-20.62	peak
4	5119.300	41.08	-0.53	40.55	54.00	-13.45	AVG
5	5150.000	53.31	-0.48	52.83	74.00	-21.17	peak
6	5150.000	44.04	-0.48	43.56	54.00	-10.44	AVG
7	5237.000	116.50	-0.31	116.19	--	--	peak
8	5350.000	50.72	-0.08	50.64	74.00	-23.36	peak
9	5371.200	51.73	-0.03	51.70	74.00	-22.30	peak

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

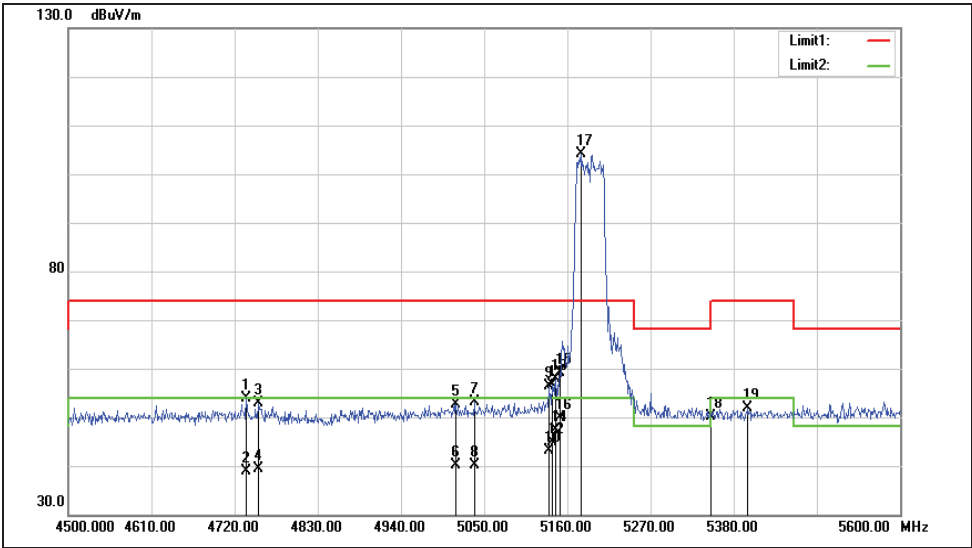
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4735.400	55.33	-1.50	53.83	74.00	-20.17	peak
2	4735.400	40.43	-1.50	38.93	54.00	-15.07	AVG
3	4751.900	54.37	-1.46	52.91	74.00	-21.09	peak
4	4751.900	40.83	-1.46	39.37	54.00	-14.63	AVG
5	5012.600	53.40	-0.74	52.66	74.00	-21.34	peak
6	5012.600	40.75	-0.74	40.01	54.00	-13.99	AVG
7	5036.800	53.76	-0.69	53.07	74.00	-20.93	peak
8	5036.800	40.70	-0.69	40.01	54.00	-13.99	AVG
9	5135.800	56.91	-0.50	56.41	74.00	-17.59	peak
10	5135.800	43.75	-0.50	43.25	54.00	-10.75	AVG
11	5140.200	57.04	-0.49	56.55	74.00	-17.45	peak
12	5140.200	45.41	-0.49	44.92	54.00	-9.08	AVG
13	5144.600	58.47	-0.48	57.99	74.00	-16.01	peak
14	5144.600	47.94	-0.48	47.46	54.00	-6.54	AVG
15	5150.000	59.63	-0.48	59.15	74.00	-14.85	peak
16	5150.000	50.42	-0.48	49.94	54.00	-4.06	AVG
17	5178.700	104.59	-0.42	104.17	--	--	peak
18	5350.000	50.24	-0.08	50.16	74.00	-23.84	peak
19	5398.700	51.90	0.02	51.92	74.00	-22.08	peak

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

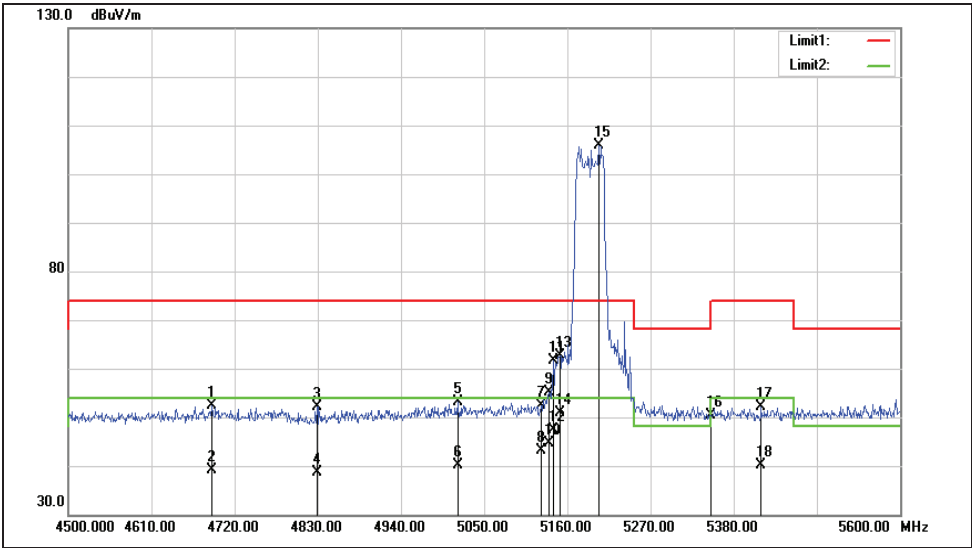
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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Date of Issue: Apr. 28, 2021

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



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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4690.300	53.92	-1.63	52.29	74.00	-21.71	peak
2	4690.300	40.81	-1.63	39.18	54.00	-14.82	AVG
3	4828.900	53.39	-1.24	52.15	74.00	-21.85	peak
4	4828.900	39.90	-1.24	38.66	54.00	-15.34	AVG
5	5014.800	53.91	-0.74	53.17	74.00	-20.83	peak
6	5014.800	40.95	-0.74	40.21	54.00	-13.79	AVG
7	5125.900	52.82	-0.52	52.30	74.00	-21.70	peak
8	5125.900	43.56	-0.52	43.04	54.00	-10.96	AVG
9	5135.800	55.64	-0.50	55.14	74.00	-18.86	peak
10	5135.800	45.20	-0.50	44.70	54.00	-9.30	AVG
11	5141.300	62.21	-0.49	61.72	74.00	-12.28	peak
12	5141.300	47.75	-0.49	47.26	54.00	-6.74	AVG
13	5150.000	63.21	-0.48	62.73	74.00	-11.27	peak
14	5150.000	51.30	-0.48	50.82	54.00	-3.18	AVG
15	5201.800	106.14	-0.37	105.77	--	--	peak
16	5350.000	50.43	-0.08	50.35	74.00	-23.65	peak
17	5416.300	51.97	0.05	52.02	74.00	-21.98	peak
18	5416.300	40.01	0.05	40.06	54.00	-13.94	AVG

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

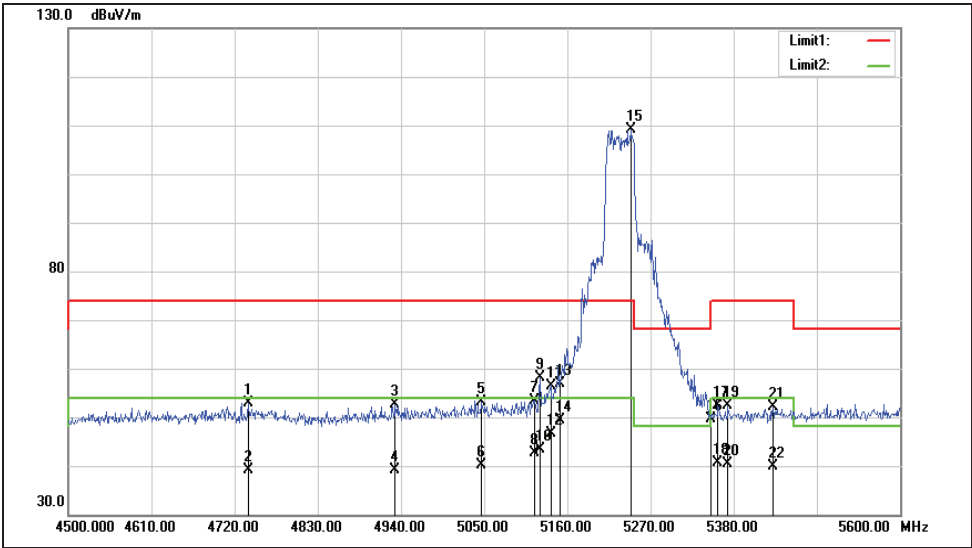
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4737.600	54.33	-1.49	52.84	74.00	-21.16	peak
2	4737.600	40.74	-1.49	39.25	54.00	-14.75	AVG
3	4932.300	53.65	-0.95	52.70	74.00	-21.30	peak
4	4932.300	40.03	-0.95	39.08	54.00	-14.92	AVG
5	5046.700	53.85	-0.68	53.17	74.00	-20.83	peak
6	5046.700	40.89	-0.68	40.21	54.00	-13.79	AVG
7	5117.100	54.00	-0.54	53.46	74.00	-20.54	peak
8	5117.100	43.11	-0.54	42.57	54.00	-11.43	AVG
9	5123.700	58.61	-0.52	58.09	74.00	-15.91	peak
10	5123.700	43.95	-0.52	43.43	54.00	-10.57	AVG
11	5138.000	56.99	-0.49	56.50	74.00	-17.50	peak
12	5138.000	47.03	-0.49	46.54	54.00	-7.46	AVG
13	5150.000	57.47	-0.48	56.99	74.00	-17.01	peak
14	5150.000	49.94	-0.48	49.46	54.00	-4.54	AVG
15	5243.600	109.33	-0.29	109.04	--	--	peak
16	5350.000	49.82	-0.08	49.74	74.00	-24.26	peak
17	5359.100	52.39	-0.06	52.33	74.00	-21.67	peak
18	5359.100	40.63	-0.06	40.57	54.00	-13.43	AVG
19	5372.300	52.45	-0.03	52.42	74.00	-21.58	peak
20	5372.300	40.36	-0.03	40.33	54.00	-13.67	AVG
21	5431.700	52.00	0.09	52.09	74.00	-21.91	peak
22	5431.700	39.73	0.09	39.82	54.00	-14.18	AVG

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

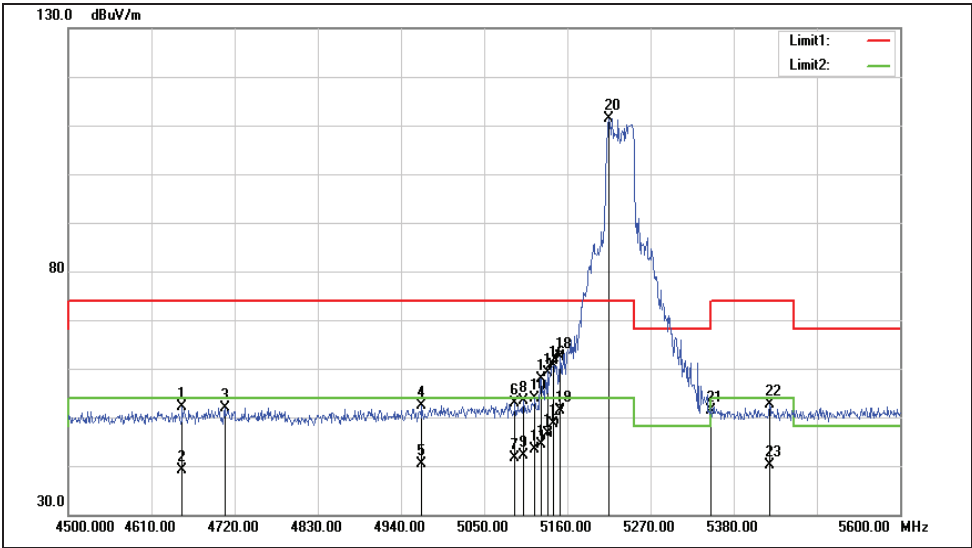
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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



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Date of Issue: Apr. 28, 2021

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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4650.700	53.81	-1.73	52.08	74.00	-21.92	peak
2	4650.700	40.80	-1.73	39.07	54.00	-14.93	AVG
3	4706.800	53.44	-1.58	51.86	74.00	-22.14	peak
4	4967.500	53.27	-0.87	52.40	74.00	-21.60	peak
5	4967.500	41.14	-0.87	40.27	54.00	-13.73	AVG
6	5090.700	53.42	-0.60	52.82	74.00	-21.18	peak
7	5090.700	42.25	-0.60	41.65	54.00	-12.35	AVG
8	5101.700	54.04	-0.57	53.47	74.00	-20.53	peak
9	5101.700	42.74	-0.57	42.17	54.00	-11.83	AVG
10	5117.100	54.39	-0.54	53.85	74.00	-20.15	peak
11	5117.100	43.83	-0.54	43.29	54.00	-10.71	AVG
12	5124.800	58.52	-0.52	58.00	74.00	-16.00	peak
13	5124.800	44.99	-0.52	44.47	54.00	-9.53	AVG
14	5133.600	59.76	-0.51	59.25	74.00	-14.75	peak
15	5133.600	47.26	-0.51	46.75	54.00	-7.25	AVG
16	5141.300	61.16	-0.49	60.67	74.00	-13.33	peak
17	5141.300	49.09	-0.49	48.60	54.00	-5.40	AVG
18	5150.000	62.91	-0.48	62.43	74.00	-11.57	peak
19	5150.000	51.79	-0.48	51.31	54.00	-2.69	AVG
20	5215.000	111.66	-0.35	111.31	--	--	peak
21	5350.000	51.54	-0.08	51.46	74.00	-22.54	peak
22	5427.300	52.60	0.07	52.67	74.00	-21.33	peak
23	5427.300	40.05	0.07	40.12	54.00	-13.88	AVG

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

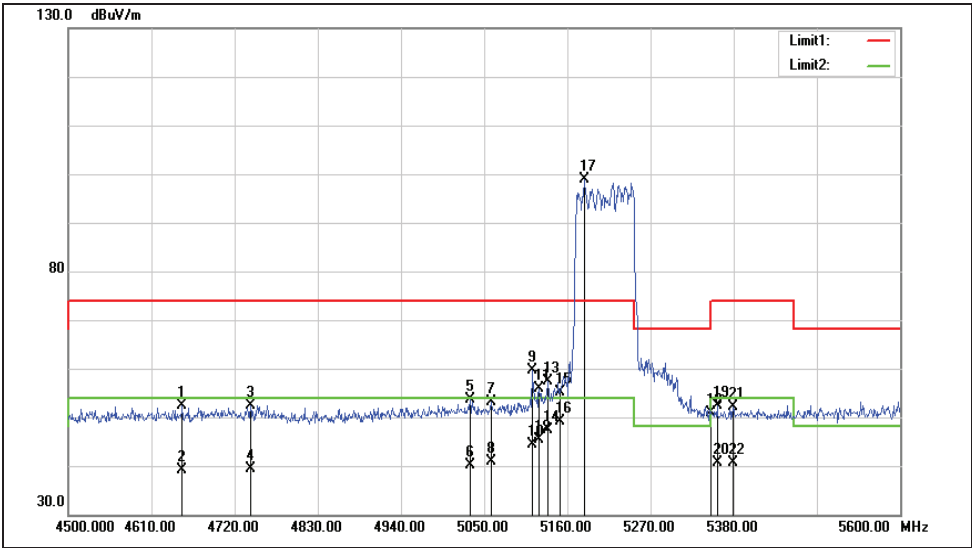
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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Date of Issue: Apr. 28, 2021

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



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Date of Issue: Apr. 28, 2021

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4650.700	54.09	-1.73	52.36	74.00	-21.64	peak
2	4650.700	40.81	-1.73	39.08	54.00	-14.92	AVG
3	4740.900	53.94	-1.48	52.46	74.00	-21.54	peak
4	4740.900	40.91	-1.48	39.43	54.00	-14.57	AVG
5	5031.300	54.39	-0.70	53.69	74.00	-20.31	peak
6	5031.300	40.89	-0.70	40.19	54.00	-13.81	AVG
7	5058.800	53.70	-0.65	53.05	74.00	-20.95	peak
8	5058.800	41.43	-0.65	40.78	54.00	-13.22	AVG
9	5113.800	60.11	-0.55	59.56	74.00	-14.44	peak
10	5113.800	44.88	-0.55	44.33	54.00	-9.67	AVG
11	5122.600	56.42	-0.53	55.89	74.00	-18.11	peak
12	5122.600	45.92	-0.53	45.39	54.00	-8.61	AVG
13	5134.700	57.87	-0.51	57.36	74.00	-16.64	peak
14	5134.700	47.87	-0.51	47.36	54.00	-6.64	AVG
15	5150.000	55.51	-0.48	55.03	74.00	-18.97	peak
16	5150.000	49.51	-0.48	49.03	54.00	-4.97	AVG
17	5182.000	99.27	-0.40	98.87	--	--	peak
18	5350.000	50.86	-0.08	50.78	74.00	-23.22	peak
19	5358.000	52.52	-0.06	52.46	74.00	-21.54	peak
20	5358.000	40.62	-0.06	40.56	54.00	-13.44	AVG
21	5378.900	52.12	-0.03	52.09	74.00	-21.91	peak
22	5378.900	40.56	-0.03	40.53	54.00	-13.47	AVG

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

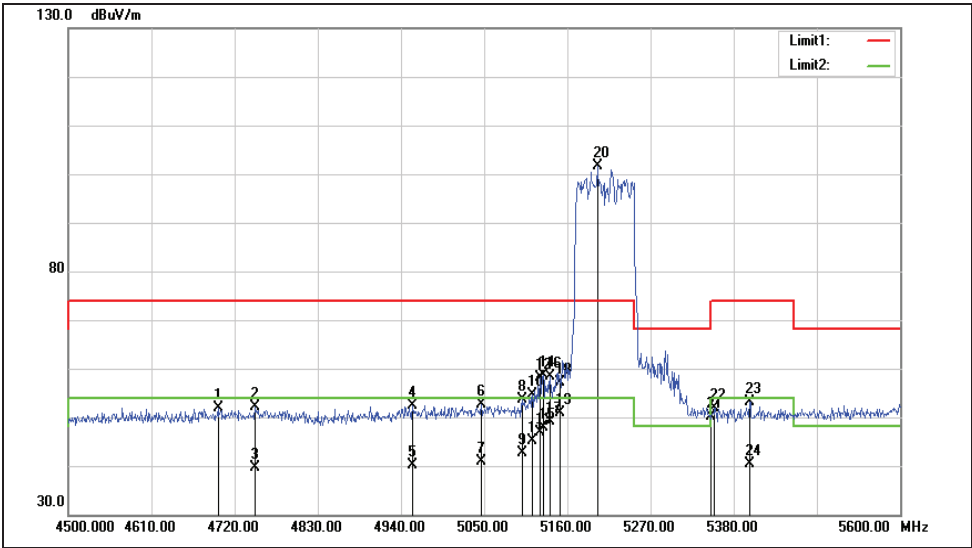
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		



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Date of Issue: Apr. 28, 2021

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4698.000	53.47	-1.59	51.88	74.00	-22.12	peak
2	4746.400	53.54	-1.47	52.07	74.00	-21.93	peak
3	4746.400	41.03	-1.47	39.56	54.00	-14.44	AVG
4	4955.400	53.33	-0.89	52.44	74.00	-21.56	peak
5	4955.400	41.14	-0.89	40.25	54.00	-13.75	AVG
6	5045.600	53.43	-0.68	52.75	74.00	-21.25	peak
7	5045.600	41.61	-0.68	40.93	54.00	-13.07	AVG
8	5100.600	54.16	-0.57	53.59	74.00	-20.41	peak
9	5100.600	43.27	-0.57	42.70	54.00	-11.30	AVG
10	5113.800	55.07	-0.55	54.52	74.00	-19.48	peak
11	5113.800	45.75	-0.55	45.20	54.00	-8.80	AVG
12	5123.700	58.70	-0.52	58.18	74.00	-15.82	peak
13	5123.700	47.31	-0.52	46.79	54.00	-7.21	AVG
14	5128.100	59.23	-0.52	58.71	74.00	-15.29	peak
15	5128.100	48.48	-0.52	47.96	54.00	-6.04	AVG
16	5136.900	58.86	-0.50	58.36	74.00	-15.64	peak
17	5136.900	49.66	-0.50	49.16	54.00	-4.84	AVG
18	5150.000	57.73	-0.48	57.25	74.00	-16.75	peak
19	5150.000	51.45	-0.48	50.97	54.00	-3.03	AVG
20	5199.600	102.05	-0.37	101.68	--	--	peak
21	5350.000	50.18	-0.08	50.10	74.00	-23.90	peak
22	5354.700	51.99	-0.08	51.91	74.00	-22.09	peak
23	5400.900	53.08	0.02	53.10	74.00	-20.90	peak
24	5400.900	40.41	0.02	40.43	54.00	-13.57	AVG

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

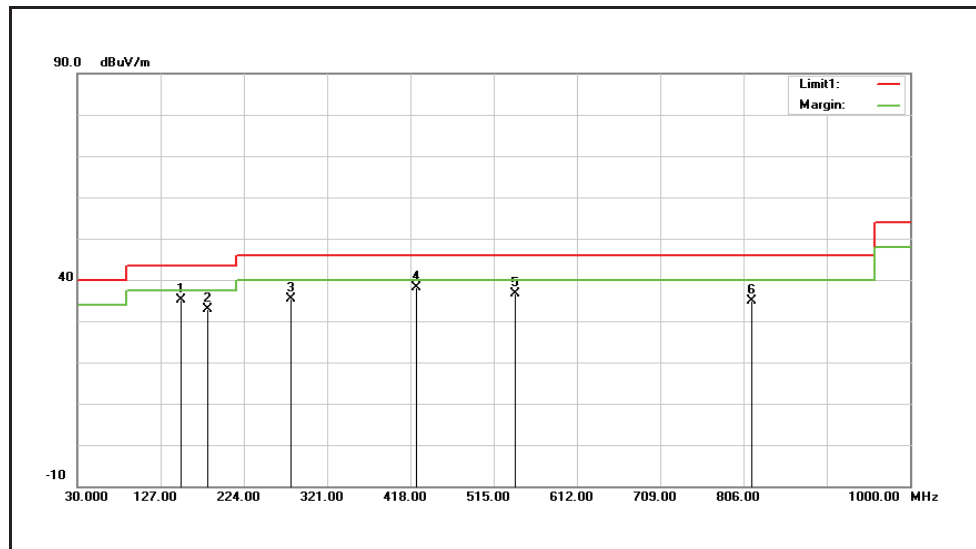
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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With HDMI			
其它不必要之訊號 (1 GHz 以下)			
Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	5240 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	150.2800	42.86	-7.62	35.24	43.50	-8.26	QP
2	181.3200	41.89	-9.11	32.78	43.50	-10.72	QP
3	279.2900	42.46	-7.05	35.41	46.00	-10.59	QP
4	424.7900	42.50	-4.36	38.14	46.00	-7.86	QP
5	540.2200	39.27	-2.68	36.59	46.00	-9.41	QP
6	815.7000	32.95	1.81	34.76	46.00	-11.24	QP

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

Example: 35.24 = -7.62 + 42.86.

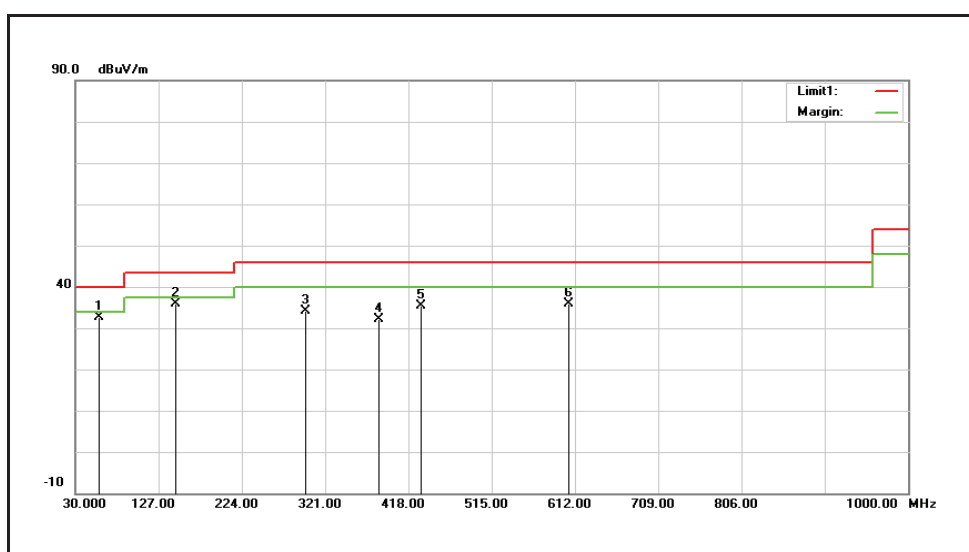
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) - Pre-Amplifier gain (dB).

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	58.1300	41.58	-8.88	32.70	40.00	-7.30	QP
2	147.3700	43.64	-7.70	35.94	43.50	-7.56	QP
3	297.7200	40.65	-6.58	34.07	46.00	-11.93	QP
4	384.0500	37.31	-5.06	32.25	46.00	-13.75	QP
5	432.5500	39.71	-4.22	35.49	46.00	-10.51	QP
6	605.2100	37.11	-1.20	35.91	46.00	-10.09	QP

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

Example: $32.70 = -8.88 + 41.58$.

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

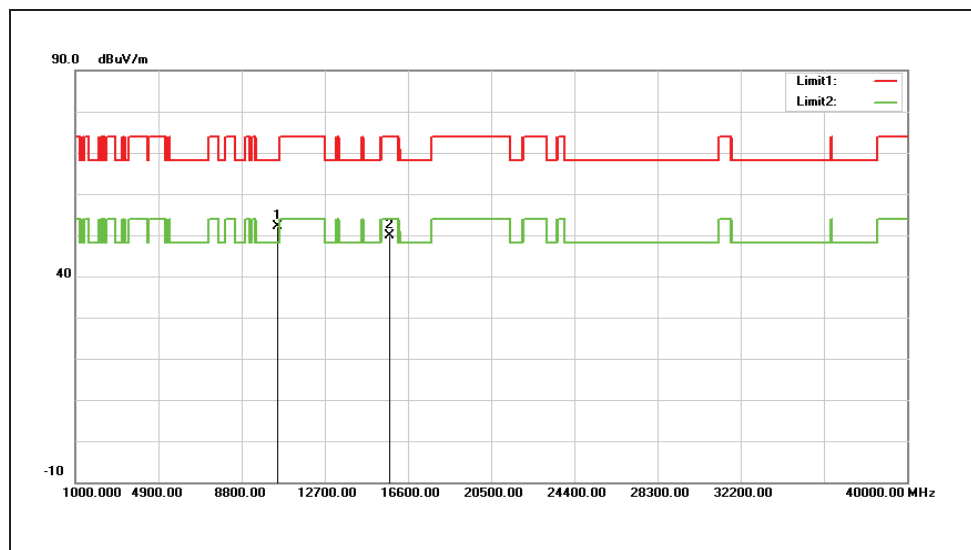
3. When the peak results are less than average limit, so not need to evaluate the average.

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場強輻射量測 (1 GHz 以上)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	40.21	12.00	52.21	68.20	-15.99	peak
2	15720.000	35.66	14.13	49.79	74.00	-24.21	peak

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

Example: 52.21 = 12.00 + 40.21.

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

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

晶復科技股份有限公司

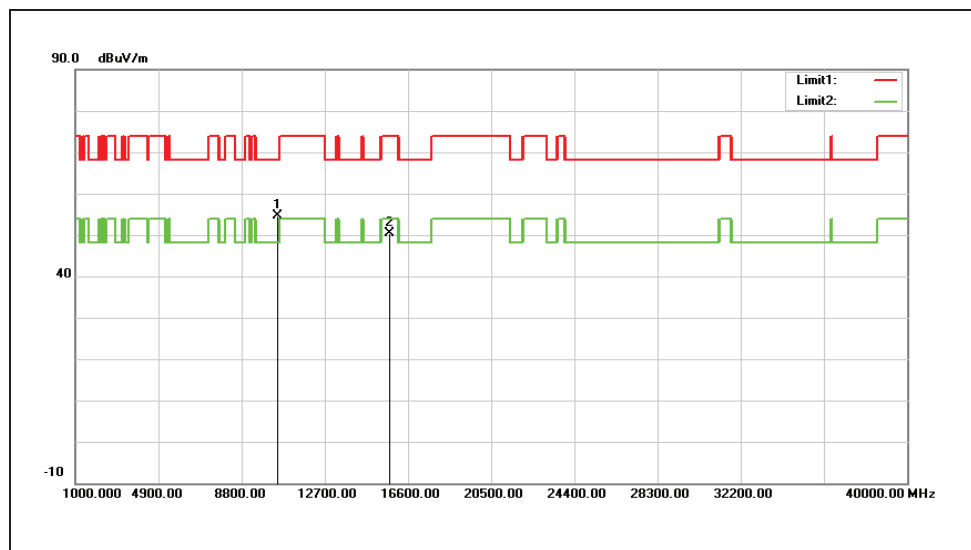
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Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	42.59	12.00	54.59	68.20	-13.61	peak
2	15720.000	36.21	14.13	50.34	74.00	-23.66	peak

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

Example: 54.59 = 12.00 + 42.59.

2.Correction factor (dB/m) = Antenna Factor (dB/m) + 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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Annex E. Conducted Test Results (5 GHz)

Maximum Conducted Output Power

操作模式	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)				
				ANT-0		ANT-1		Limit (dBm)
				dBm	W	dBm	dBm	
Mode 6	6	36	5180	15.27	0.034	16.49	0.045	≤ 24.00
		40	5200	18.51	0.071	19.75	0.094	≤ 24.00
		44	5220	18.46	0.070	19.69	0.093	≤ 24.00
		48	5240	18.42	0.070	19.46	0.088	≤ 24.00
Mode 7	6.5	36	5180	15.37	0.034	16.34	0.043	≤ 24.00
		40	5200	18.41	0.069	19.09	0.081	≤ 24.00
		44	5220	18.27	0.067	18.91	0.078	≤ 24.00
		48	5240	18.79	0.076	19.81	0.096	≤ 24.00
Mode 8	13.5	38	5190	11.91	0.016	13.17	0.021	≤ 24.00
		46	5230	17.37	0.055	18.67	0.074	≤ 24.00
Mode 9	6.5	36	5180	15.45	0.035	16.39	0.044	≤ 24.00
		40	5200	18.49	0.071	19.13	0.082	≤ 24.00
		44	5220	18.38	0.069	19.06	0.081	≤ 24.00
		48	5240	18.91	0.078	19.96	0.099	≤ 24.00
Mode 10	13.5	38	5190	12.04	0.016	13.28	0.021	≤ 24.00
		46	5230	17.42	0.055	18.73	0.075	≤ 24.00
Mode 11	29.3	42	5210	9.74	0.009	11.41	0.014	≤ 24.00

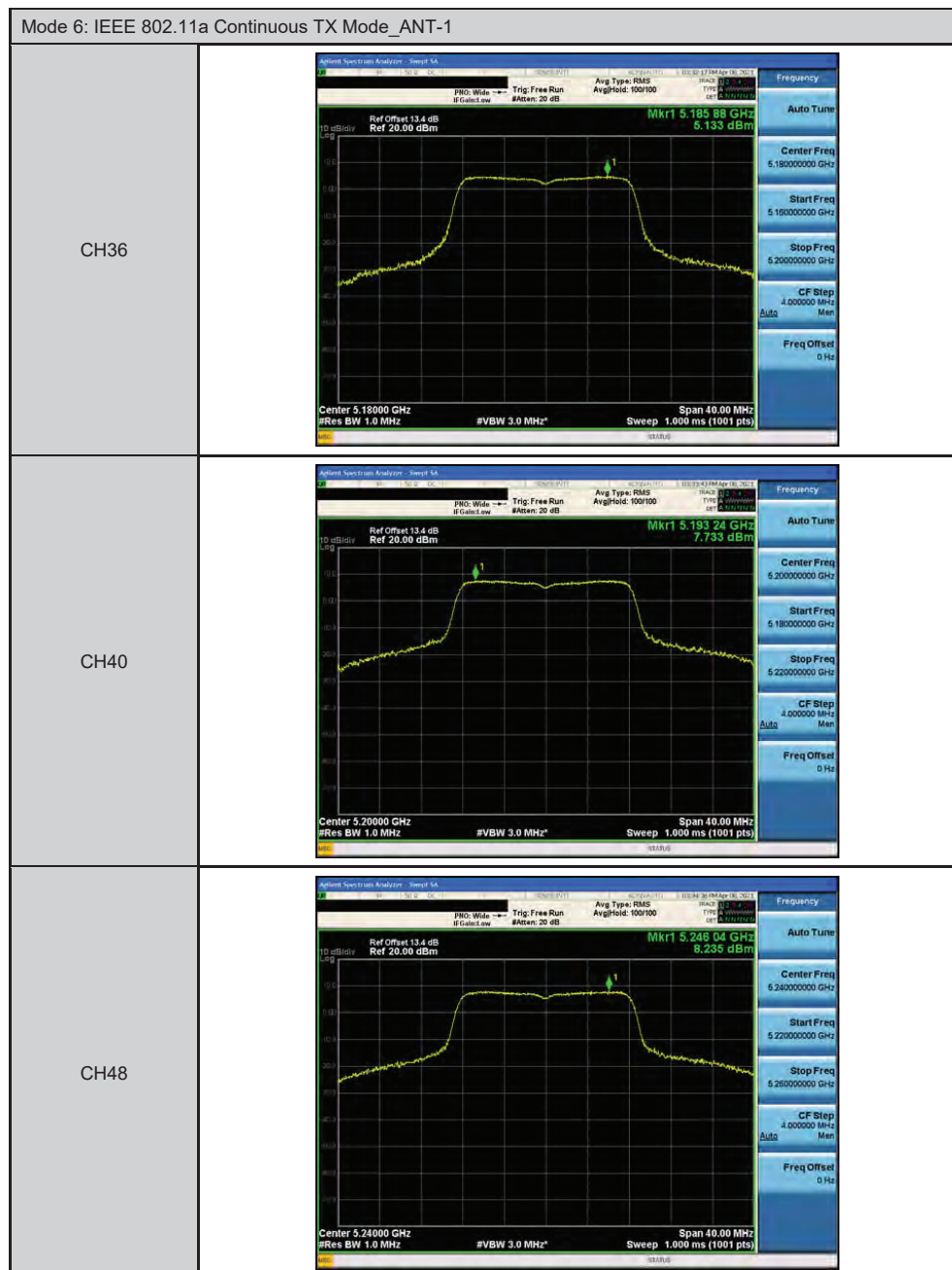
Maximum Power Spectral Density

ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 6	36	5180	5.133	0.107	5.240	11
	40	5200	7.733	0.107	7.840	11
	48	5240	8.235	0.107	8.342	11
Mode 9	36	5180	4.686	0.185	4.871	11
	40	5200	7.795	0.185	7.980	11
	48	5240	8.132	0.185	8.317	11
Mode 10	38	5190	-2.261	0.502	-1.759	11
	46	5230	3.878	0.502	4.380	11
Mode 11	42	5210	-6.155	0.635	-5.520	11

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

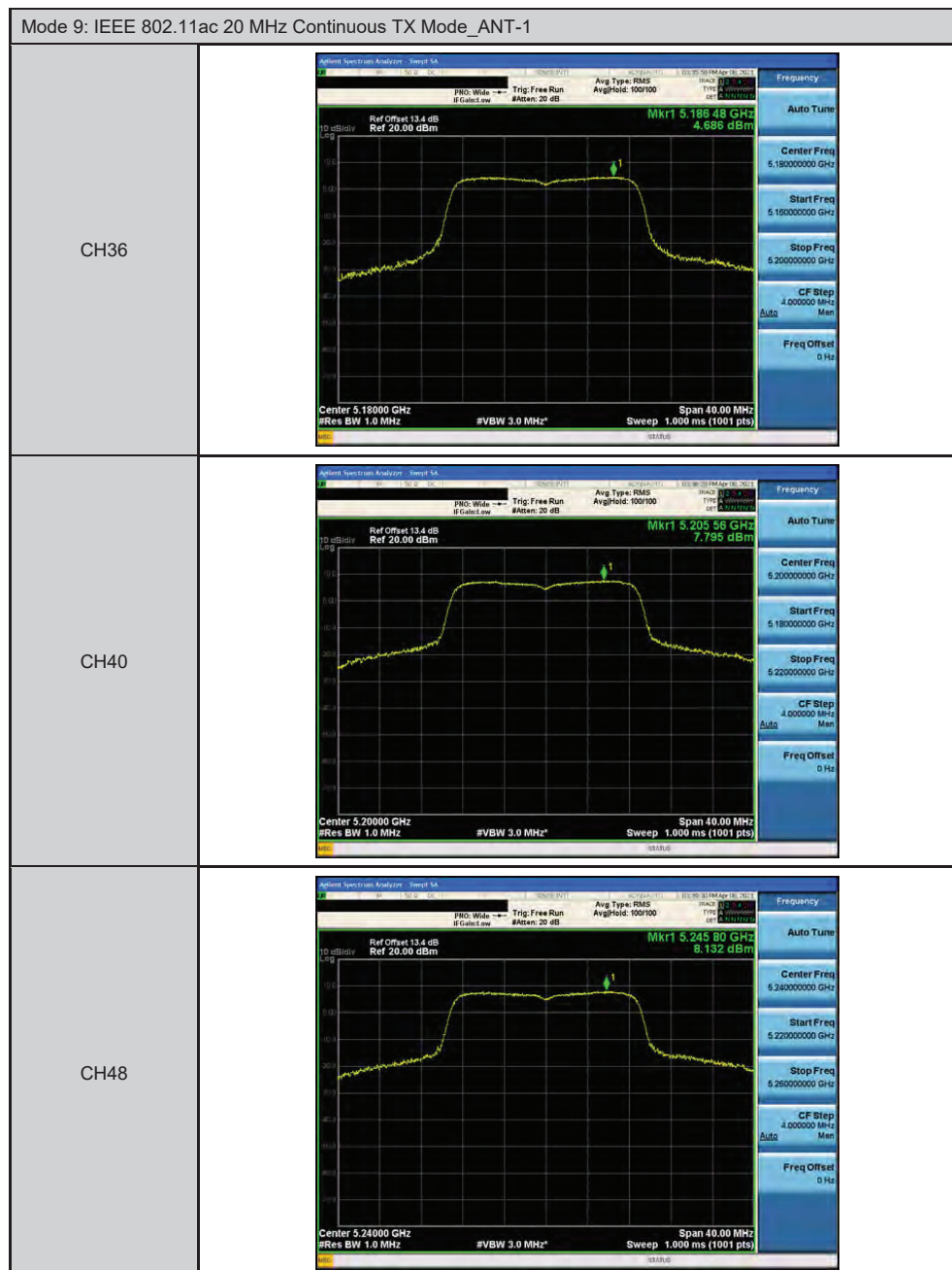
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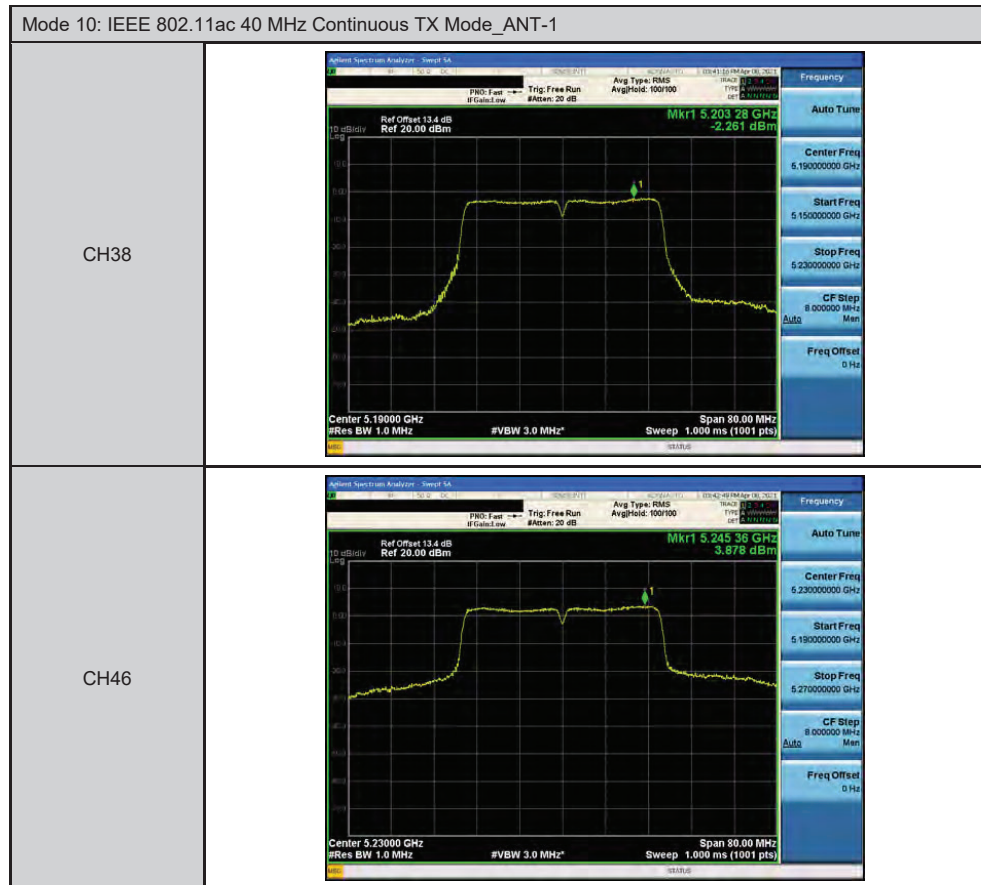
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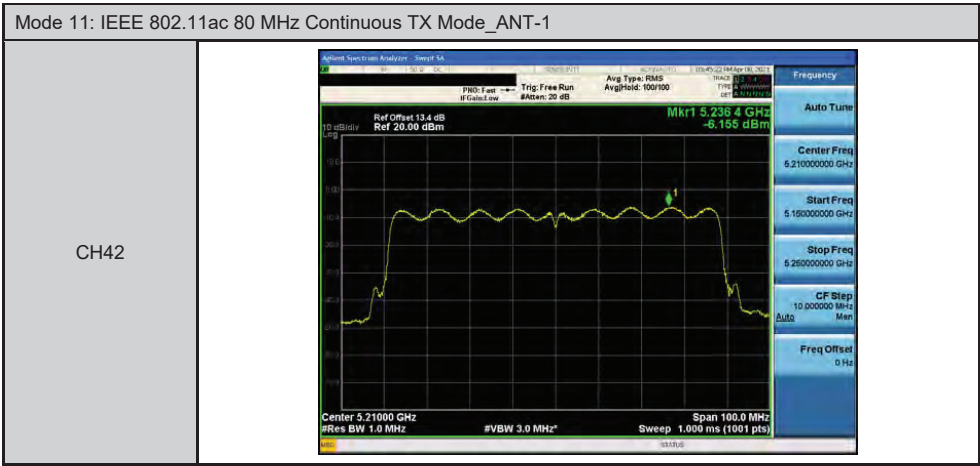
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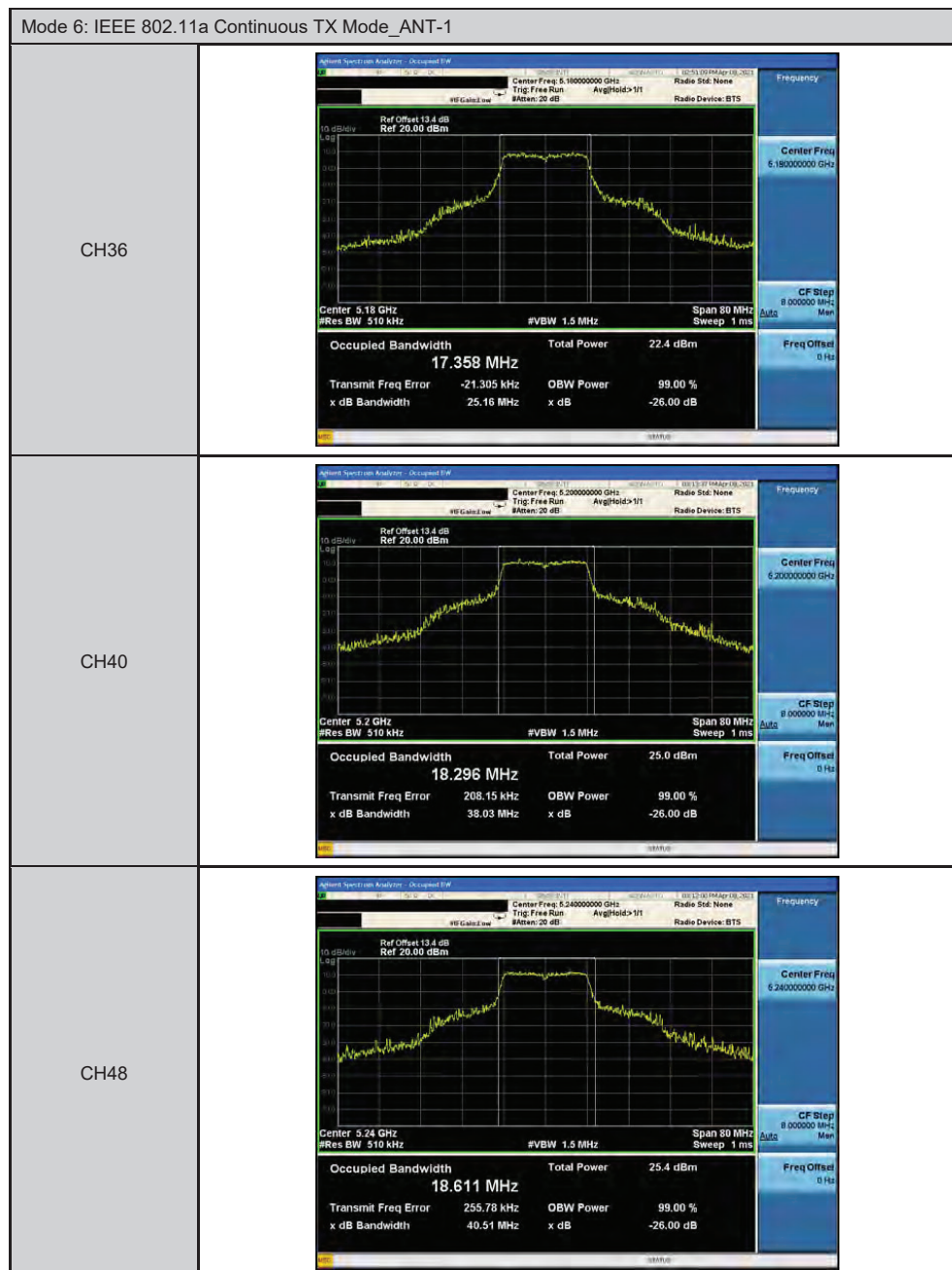
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26 dB Bandwidth

操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)
			ANT-1
Mode 6	36	5180	25.160
	40	5200	38.030
	48	5240	40.510
Mode 9	36	5180	31.320
	40	5200	39.460
	48	5240	41.320
Mode 10	38	5190	44.970
	46	5230	74.670
Mode 11	42	5210	82.820

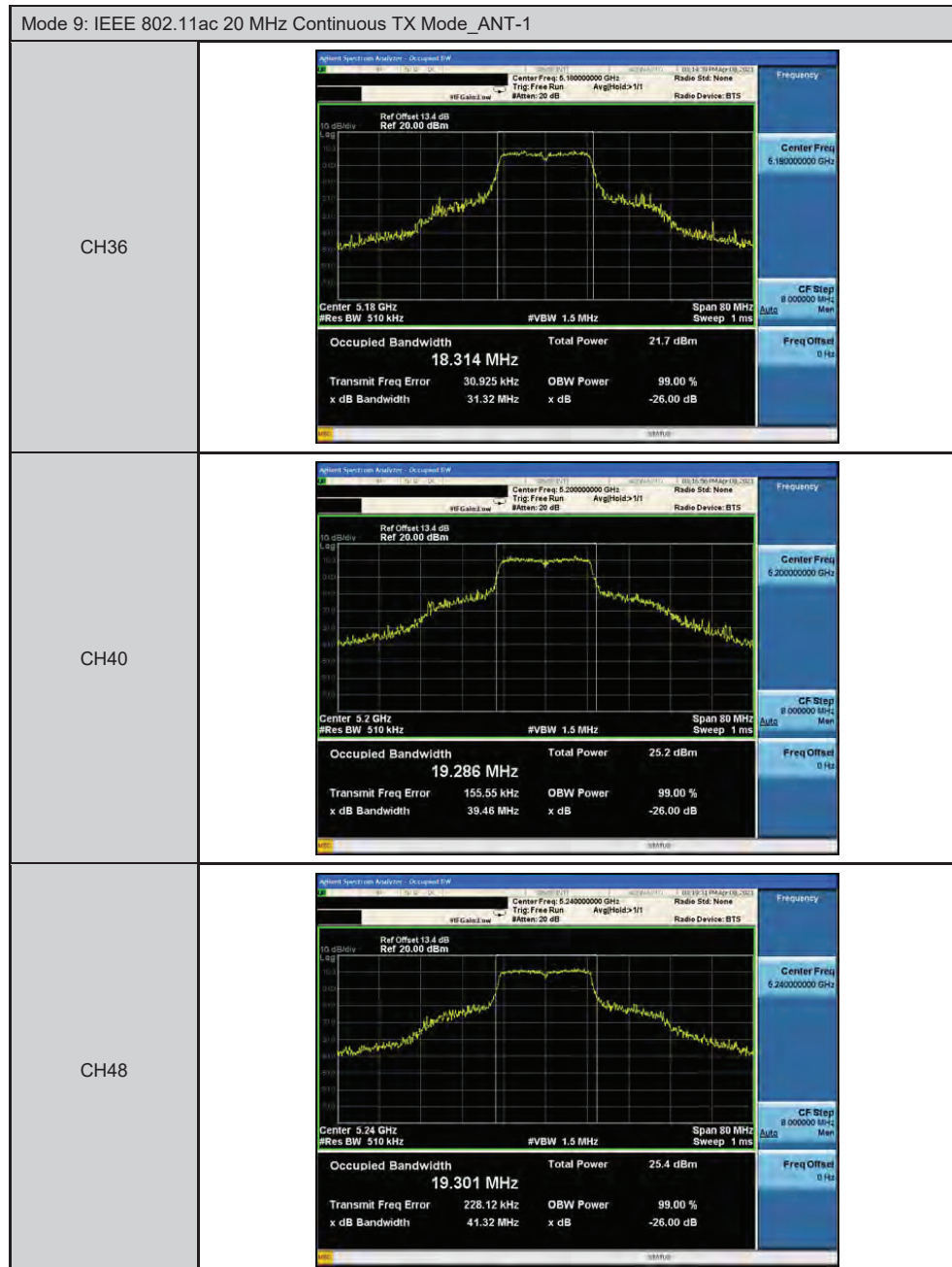
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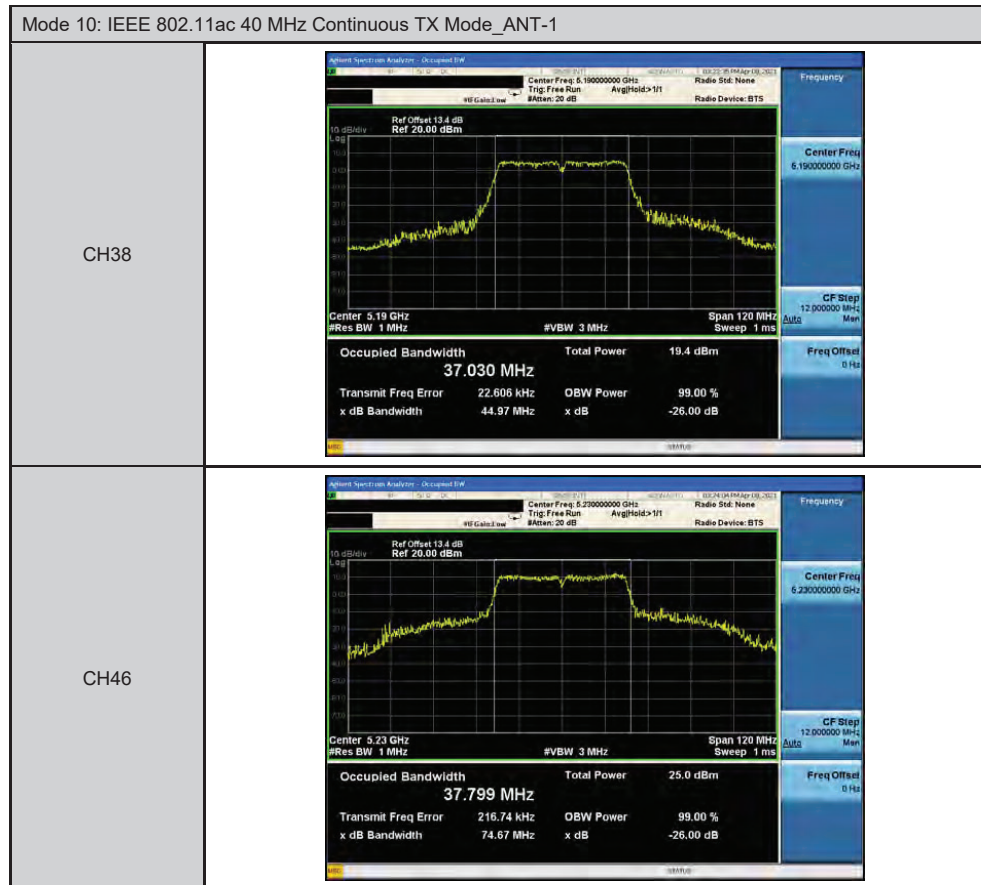
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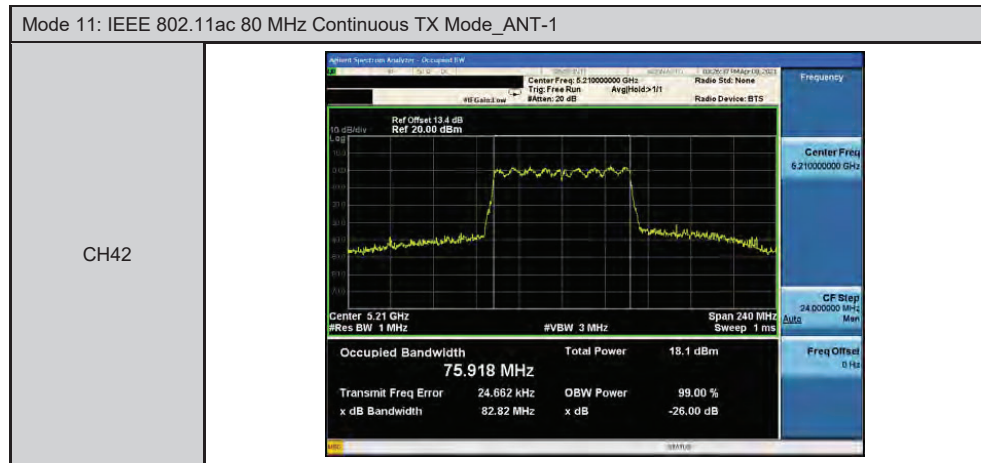
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電波暴露量之評估

Band	Frequency (MHz)	Limit (mW/cm ²)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm ²)
WLAN 2.4 GHz	2412-2462	1	20	21.66	4	2.51	1	367.853	0.0732
WLAN 5 GHz	5180-5240	1	20	19.96	6	3.98	1	394.351	0.0785