



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 2103DR31

版本(Rev.) 02

產品名稱 HUAWEI MatePad

申請廠商 訊嵐技術有限公司

廠牌 HUAWEI

型式 (號) BAH3-W59

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 03 月 15 日

填發本型式認可報告之試驗機構 (認可代號)

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財團法人全國認證基金會

認證編號 : 1330

認證有效期間 : 108.09.06 ~ 111.09.05

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

免責聲明

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

版本 (Rev.)	發行日期	修訂內容	修訂者
00	110 年 03 月 08 日	初版發行	王裕霜
01	110 年 03 月 12 日	更新 1.1 章節 (P.5)	王裕霜
02	110 年 03 月 15 日	更新 1.1 章節 (P.8) 更新 2.3 章節 (P.13)	王裕霜

低功率射頻電機測試證明書

產品名稱：HUAWEI MatePad

廠牌：HUAWEI

型號：BAH3-W59

申請廠商：訊歲技術有限公司

申請者地址：臺北市內湖區洲子街55、57號3樓

製造廠商：Huawei Device Co., Ltd.

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

待測物電壓：DC 5 V, 2 A OR DC 9 V, 2 A OR DC 10 V, 2.25 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 02 月 05 日

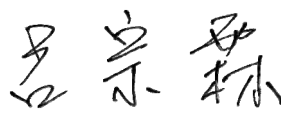
試驗日期：110 年 02 月 06 日~110 年 03 月 03 日

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

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

特此證明！

審核者：



(呂 宗 霖)

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1. 一般敘述

1.1 待測設備一般敘述

本敘述僅針對產品簡單說明之，其他詳細之規格請參考使用說明書。

產 品 名 稱	HUAWEI MatePad	
廠 牌	HUAWEI	
型 號	BAH3-W59	
額 定 電 源	DC 5 V, 2 A OR DC 9 V, 2 A OR DC 10 V, 2.25 A	
待 測 物 電 源 類 別	Form Power Adapter / Notebook	
調 變 方 式	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n 2.4 GHz 20 MHz / 40 MHz: OFDM IEEE 802.11ax 2.4 GHz 20 MHz / 40 MHz: OFDMA IEEE 802.11a U-NII Band: OFDM IEEE 802.11n 5 GHz 20 MHz / 40 MHz U-NII Band: OFDM IEEE 802.11ac 20 MHz / 40 MHz / 80 MHz / 160 MHz U-NII Band: OFDM IEEE 802.11ax 20 MHz / 40 MHz / 80 MHz / 160 MHz U-NII Band: OFDMA *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 IEEE 802.11ax 2.4 GHz 20 MHz	2412 – 2462
	IEEE 802.11n 2.4 GHz 40 MHz IEEE 802.11ax 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 IEEE 802.11ax 20 MHz U-NII Band I	5180 – 5240
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band II-A IEEE 802.11ac 20 MHz U-NII Band II-A IEEE 802.11ax 20 MHz U-NII Band II-A	5260 – 5320
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band II-C IEEE 802.11ac 20 MHz U-NII Band II-C IEEE 802.11ax 20 MHz U-NII Band II-C	5500 – 5700
	IEEE 802.11a / IEEE 802.11n 5 GHz 20 MHz U-NII Band III IEEE 802.11ac 20 MHz U-NII Band III IEEE 802.11ax 20 MHz U-NII Band III	5745 – 5825
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I IEEE 802.11ac 40 MHz U-NII Band I IEEE 802.11ax 40 MHz U-NII Band I	5190 – 5230
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-A IEEE 802.11ac 40 MHz U-NII Band II-A IEEE 802.11ax 40 MHz U-NII Band II-A	5270 – 5310
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-C IEEE 802.11ac 40 MHz U-NII Band II-C IEEE 802.11ax 40 MHz U-NII Band II-C	5510 – 5670
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III IEEE 802.11ac 40 MHz U-NII Band III IEEE 802.11ax 40 MHz U-NII Band III	5755 – 5795

頻 率 使 用 範 圍	Mode				Frequency Range (MHz)	
	IEEE 802.11ac 80 MHz U-NII Band I IEEE 802.11ax 80 MHz U-NII Band I				5210	
	IEEE 802.11ac 80 MHz U-NII Band II-A IEEE 802.11ax 80 MHz U-NII Band II-A				5290	
	IEEE 802.11ac 80 MHz U-NII Band II-C IEEE 802.11ax 80 MHz U-NII Band II-C				5530	
	IEEE 802.11ac 80 MHz U-NII Band III IEEE 802.11ax 80 MHz U-NII Band III				5775	
	IEEE 802.11ac 160 MHz U-NII Band I & Band II-A IEEE 802.11ax 160 MHz U-NII Band I & Band II-A				5250	
天 線 資 訊	Antenna	廠牌	型號	型態	增益值(dBi)	
					2.4 GHz	5 GHz
	ANT-0	HUAWEI	BAH3-W59_Core 0	IFA Antenna	-0.5	0.5
	ANT-1	HUAWEI	BAH3-W59_Core 1	IFA Antenna	-3	-1.5
	G _{ANT}				-1.57	-0.39
R F 最大輸出功率				Directional Gain		
				1.35	2.57	
	Mode			Power		
	IEEE 802.11b			16.32 dBm	0.043 W	
	IEEE 802.11g			15.90 dBm	0.039 W	
	IEEE 802.11n 2.4 GHz 20 MHz			18.22 dBm	0.066 W	
	IEEE 802.11n 2.4 GHz 40 MHz			11.89 dBm	0.015 W	
	IEEE 802.11ax 2.4 GHz 20 MHz			18.81 dBm	0.076 W	
	IEEE 802.11ax 2.4 GHz 40 MHz			11.95 dBm	0.016 W	
	IEEE 802.11a U-NII Band I			11.36 dBm	0.014 W	
	IEEE 802.11a U-NII Band II-A			10.22 dBm	0.011 W	
	IEEE 802.11a U-NII Band II-C			12.56 dBm	0.018 W	
	IEEE 802.11a U-NII Band III			13.20 dBm	0.021 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band I			13.96 dBm	0.025 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band II-A			13.01 dBm	0.020 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band II-C			14.94 dBm	0.031 W	
	IEEE 802.11n 5 GHz 20 MHz U-NII Band III			16.10 dBm	0.041 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band I			13.33 dBm	0.022 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-A			12.68 dBm	0.019 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band II-C			14.28 dBm	0.027 W	
	IEEE 802.11n 5 GHz 40 MHz U-NII Band III			16.03 dBm	0.040 W	

RF 最大輸出功率	Mode	Power	
	IEEE 802.11ac 20 MHz U-NII Band I	14.22 dBm	0.026 W
	IEEE 802.11ac 20 MHz U-NII Band II-A	13.16 dBm	0.021 W
	IEEE 802.11ac 20 MHz U-NII Band II-C	15.15 dBm	0.033 W
	IEEE 802.11ac 20 MHz U-NII Band III	16.33 dBm	0.043 W
	IEEE 802.11ac 40 MHz U-NII Band I	13.39 dBm	0.022 W
	IEEE 802.11ac 40 MHz U-NII Band II-A	12.95 dBm	0.020 W
	IEEE 802.11ac 40 MHz U-NII Band II-C	14.41 dBm	0.028 W
	IEEE 802.11ac 40 MHz U-NII Band III	16.46 dBm	0.044 W
	IEEE 802.11ac 80 MHz U-NII Band I	12.41 dBm	0.017 W
	IEEE 802.11ac 80 MHz U-NII Band II-A	11.76 dBm	0.015 W
	IEEE 802.11ac 80 MHz U-NII Band II-C	12.62 dBm	0.018 W
	IEEE 802.11ac 80 MHz U-NII Band III	15.87 dBm	0.039 W
	IEEE 802.11ac 160 MHz U-NII Band I	9.79 dBm	0.010 W
	IEEE 802.11ac 160 MHz U-NII Band II-A	9.96 dBm	0.010 W
	IEEE 802.11ax 20 MHz U-NII Band I	14.41 dBm	0.028 W
	IEEE 802.11ax 20 MHz U-NII Band II-A	13.48 dBm	0.022 W
	IEEE 802.11ax 20 MHz U-NII Band II-C	15.44 dBm	0.035 W
	IEEE 802.11ax 20 MHz U-NII Band III	16.40 dBm	0.044 W
	IEEE 802.11ax 40 MHz U-NII Band I	13.85 dBm	0.024 W
	IEEE 802.11ax 40 MHz U-NII Band II-A	13.31 dBm	0.021 W
	IEEE 802.11ax 40 MHz U-NII Band II-C	14.81 dBm	0.030 W
	IEEE 802.11ax 40 MHz U-NII Band III	16.40 dBm	0.044 W
	IEEE 802.11ax 80 MHz U-NII Band I	12.66 dBm	0.018 W
	IEEE 802.11ax 80 MHz U-NII Band II-A	12.07 dBm	0.016 W
	IEEE 802.11ax 80 MHz U-NII Band II-C	12.59 dBm	0.018 W
	IEEE 802.11ax 80 MHz U-NII Band III	16.13 dBm	0.041 W
	IEEE 802.11ax 160 MHz U-NII Band I	10.05 dBm	0.010 W
	IEEE 802.11ax 160 MHz U-NII Band II-A	10.16 dBm	0.010 W

輸出/輸入埠說明：

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

附屬裝置表：

裝置名稱	廠牌	型號	備註
內建固定式電池	HUAWEI	HB26D8C8ECW-12	DC 3.82 V, 7150 mAh 製造商(1): Shenzhen Sunwoda Intelligence Technology Co.,Ltd. 製造商(2): Huizhou Desay Battery Co.,Ltd. *僅製造商不同
電源供應器	HUAWEI	HW-100225U00	INPUT : 100-240 VAC, 50/60 Hz, 0.75 A OUTPUT : 5 VDC, 2 A OR 9 VDC, 2 A OR 10 VDC, 2.25 A MAX 製造商(1): HUIZHOU BYD ELECTRONIC CO.,LTD. 製造商(2): SHENZHEN HUNTKEY ELECTRIC CO.,LTD. *僅製造商不同
USB Cable(1)	HUAWEI	18-93C2CHO-001HF	STD-A → Type-C Shielded, 1.0 m
USB Cable(2)	HUAWEI	WA0020	STD-A → Type-C Shielded, 1.0 m
USB Cable(3)	HUAWEI	330-50507	STD-A → Type-C Shielded, 1.0 m
USB Cable(4)	HUAWEI	L99UC131-CS-H	STD-A → Type-C Shielded, 1.0 m
USB Cable(5)	HUAWEI	203-1572-0	STD-A → Type-C Shielded, 1.0 m
USB Cable(6)	HUAWEI	CUDU01B-HC295-EH	STD-A → Type-C Shielded, 1.0 m
Type-C to 3.5 mm headphone jack adapter cable(1)	HUAWEI	620891	Type-C → 3.5 mm headset jack Shielded, 0.09 m
Type-C to 3.5 mm headphone jack adapter cable(2)	HUAWEI	6001-7001-TC-294	Type-C → 3.5 mm headset jack Shielded, 0.09 m
Type-C to 3.5 mm headphone jack adapter cable(3)	HUAWEI	HWTYPEC3R5009AW	Type-C → 3.5 mm headset jack Shielded, 0.09 m
Type-C to 3.5 mm headphone jack adapter cable(4)	HUAWEI	L99UD002-CS-H	Type-C → 3.5 mm headset jack Shielded, 0.09 m

1.2 其他相關聲明

本測試報告屬(以下選擇一種打■)

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

機型版別之差異說明

機型廠牌、型號	差異敘述
HUAWEI / BAH3-W59	因市場銷售需求，產品販售時有兩款版本分別為搭配4 GB RAM + 64 GB 或 4 GB RAM + 128 GB，其餘電路設計、印刷電路板等等並無變更。 測試結果說明： 其差異不涉及射頻元件、電路設計等等之硬體改變，故判定使用 4 GB RAM + 128 GB進行完整測試並記錄其結果數據。

2. 量測儀器及測試配置說明

2.1 量測設備

For Conducted

Test Period: Feb. 06 ~ Mar. 03, 2021

測試者: 呂迪曄, 林佳禾

名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Power Sensor	Anritsu	MA2411B	1126022	09/01/2020	1 year
Power Meter	Anritsu	ML2495A	1135009	09/01/2020	1 year
Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/24/2020	1 year

For Conducted Emission

Test Period: Feb. 08, 2021

測試者: 呂迪曄

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

For Radiated Emissions

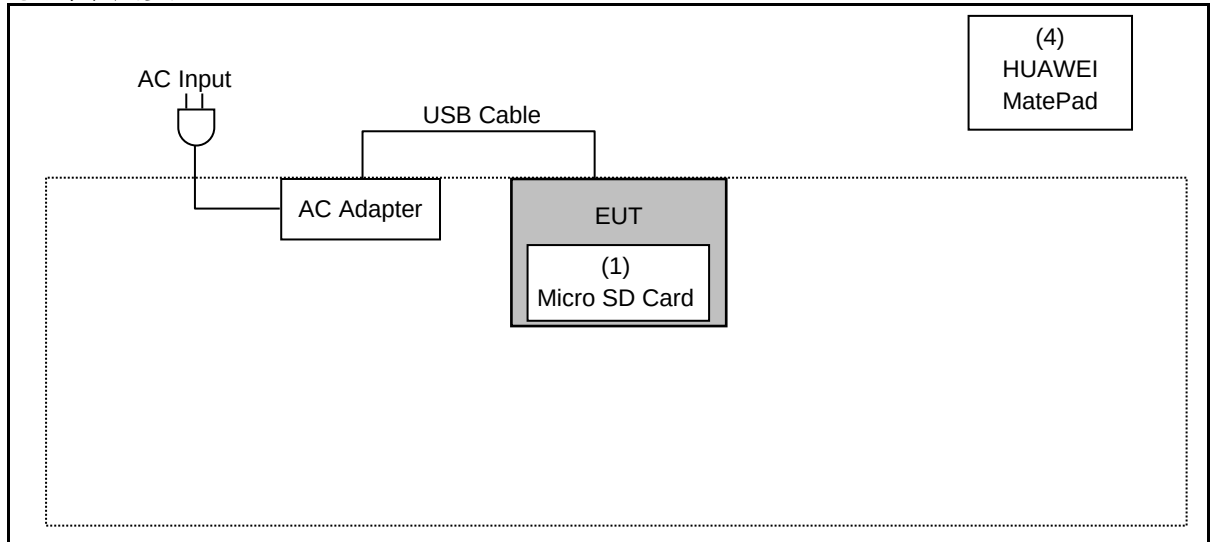
Test Period: Feb. 06 ~ Mar. 03, 2021

測試者: 劉彥聖, 周瑞鴻, 林佳禾, 葉佳原, 李亭衛

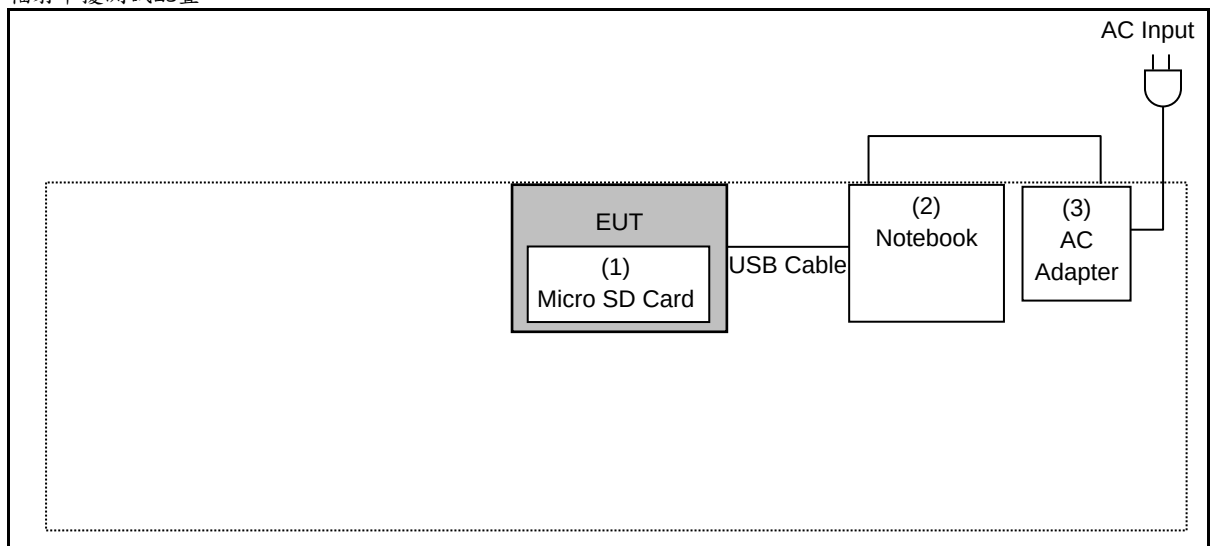
名 稱	廠 牌	型 號	序 號	本次校驗日期	校驗年限
Spectrum Analyzer	Keysight	N9030B	MY57143537	04/14/2020	1 year
Amplifier	Agilent	8447D	2944A11119	01/15/2021	1 year
Amplifier	Titan	T0912E0126302 5A1F	002	07/23/2020	1 year
Preamplifier	EMCI	EMC2654045	980028	08/24/2020	1 year
天線	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	01146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

2.2 檢驗系統示意圖

電源傳導干擾測試配置



輻射干擾測試配置



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) Micro SD Card	Transcend	9153BA 8G 07DS1	---	---	容量：8 GB (實驗室提供)
(2) Notebook	DELL	LATITUDE E5440	BRTQXY1	---	(實驗室提供)
(3) Ac Adapter	DELL	HA65NM130	---	Non-Shielded, 0.8m	INPUT : 100-240 VAC, 50/60 Hz, 1.7 A OUTPUT : 19.5 Vdc, 3.34 A (實驗室提供)
(4) HUAWEI MatePad	HUAWEI	BAH3-W59	---	---	無線功能:Bluetooth/WLAN (申請者提供)
(5) 耳機麥克風	HUAWEI	22040296	---	---	(實驗室提供)
(6) M-Pencil	HUAWEI	CD52	---	---	NCC 證號:CCAK20LP0110T5 (申請者提供)
(7) HUAWEI M-Pencil Charger	HUAWEI	C-CD52-Adapter	---	---	(申請者提供)

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

測試組合：

EUT Configure Mode	CE	RE<1G	RE≥1G	備註
內建固定式電池	V	V	V	製造商(1)
內建固定式電池				製造商(2)
電源供應器	V		---	製造商(1)
電源供應器			---	製造商(2)
USB Cable(1)				
USB Cable(2)				
USB Cable(3)				
USB Cable(4)	V	V	V	
USB Cable(5)				
USB Cable(6)				
Type-C to 3.5 mm headphone jack adapter cable(1)	X			
Type-C to 3.5 mm headphone jack adapter cable(2)	X			
Type-C to 3.5 mm headphone jack adapter cable(3)	X			
Type-C to 3.5 mm headphone jack adapter cable(4)	X			
Micro SD Card	V	V	V	測試週邊(1)
Notebook	X	V	V	測試週邊(2) Test mode 使用
Ac Adapter	X	V	V	測試週邊(3) Test mode 使用
HUAWEI MatePad	V	X	X	測試週邊(4) Normal link
耳機麥克風	X			測試週邊(5)
M-Pencil	X		---	測試週邊(6) 反向充電使用
HUAWEI M-Pencil Charger	X		---	測試週邊(7) 反向充電使用

RE≥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 mod

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 802.11ax 2.4 GHz 20 MHz Continuous TX Mode
Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX Mode
Mode 8: IEEE 802.11a Continuous TX Mode
Mode 9: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode
Mode 10: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode
Mode 11: IEEE 802.11ac 20 MHz Continuous TX Mode
Mode 12: IEEE 802.11ac 40 MHz Continuous TX Mode
Mode 13: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 14: IEEE 802.11ac 160 MHz Continuous TX Mode
Mode 15: IEEE 802.11ax 20 MHz Continuous TX Mode
Mode 16: IEEE 802.11ax 40 MHz Continuous TX Mode
Mode 17: IEEE 802.11ax 80 MHz Continuous TX Mode
Mode 18: IEEE 802.11ax 160 MHz Continuous TX Mode
Mode 19: 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 802.11ax 2.4 GHz 20 MHz Continuous TX Mode
Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX Mode
Mode 8: IEEE 802.11a Continuous TX Mode
Mode 11: IEEE 802.11ac 20 MHz Continuous TX Mode
Mode 12: IEEE 802.11ac 40 MHz Continuous TX Mode
Mode 13: IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 14: IEEE 802.11ac 160 MHz Continuous TX Mode
Mode 15: IEEE 802.11ax 20 MHz Continuous TX Mode
Mode 16: IEEE 802.11ax 40 MHz Continuous TX Mode
Mode 17: IEEE 802.11ax 80 MHz Continuous TX Mode
Mode 18: IEEE 802.11ax 160 MHz Continuous TX Mode
Mode 19: Receiver Mode

Note 1: ANT-0 is the worst case in Mode 3/ Mode 8.

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

Note 3: IEEE 802.11ax 量測結果僅呈現 Full RU。

Test Mode	Frequency (MHz)	RF Power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 2	2412	15.5	---	myGui
	2437	15.5	---	
	2462	16.0	---	
Mode 3	2412	8.0	8.0	
	2437	16.0	16.0	
	2462	8.0	8.0	
Mode 4	2412	8.0	8.0	
	2437	16.0	16.0	
	2462	8.0	8.0	
Mode 5	2422	8.0	8.0	
	2437	10.0	10.0	
	2452	8.0	8.0	
Mode 6	2412	8.0	8.0	
	2437	16.0	16.0	
	2462	8.0	8.0	
Mode 7	2422	7.0	7.0	
	2437	9.0	9.0	
	2452	7.0	7.0	

Test Mode	Frequency (MHz)	RF power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 8	5180	9	9	myGui
	5200	10	10	
	5220	10	10	
	5240	10	10	
	5260	10	10	
	5280	10	10	
	5300	10	10	
	5320	9	9	
	5500	7	7	
	5520	10	10	
	5540	10	10	
	5560	10	10	
	5580	10	10	
	5660	10	10	
	5680	10	10	
	5700	10	10	
	5745	13	13	
	5765	13	13	
	5785	13	13	
	5805	13	13	
	5825	13	13	

Test Mode	Frequency (MHz)	RF power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 9	5180	9	9	myGui
	5200	10	10	
	5220	10	10	
	5240	10	10	
	5260	10	10	
	5280	10	10	
	5300	10	10	
	5320	9	9	
	5500	9	9	
	5520	10	10	
	5540	10	10	
	5560	10	10	
	5580	10	10	
	5660	10	10	
	5680	10	10	
	5700	10	10	
	5745	13	13	
	5765	13	13	
	5785	13	13	
	5805	13	13	
	5825	13	13	
Mode 10	5190	9	9	myGui
	5230	10	10	
	5270	9	9	
	5310	9	9	
	5510	9	9	
	5550	10	10	
	5670	10	10	
	5755	13	13	
	5795	13	13	

Test Mode	Frequency (MHz)	RF power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 11	5180	9	9	myGui
	5200	10	10	
	5220	10	10	
	5240	10	10	
	5260	10	10	
	5280	10	10	
	5300	10	10	
	5320	9	9	
	5500	8	8	
	5520	10	10	
	5540	10	10	
	5560	10	10	
	5580	10	10	
	5660	10	10	
	5680	10	10	
	5700	10	10	
	5745	13	13	
	5765	13	13	
	5785	13	13	
	5805	13	13	
	5825	13	13	
Mode 12	5190	9	9	
	5230	10	10	
	5270	9	9	
	5310	9	9	
	5510	9	9	
	5550	10	10	
	5670	10	10	
	5755	13	13	
	5795	13	13	
Mode 13	5210	9	9	
	5290	9	9	
	5530	8.5	8.5	
	5775	13	13	
Mode 14	5250	10	10	
	5250	10	10	

Test Mode	Frequency (MHz)	RF power setting in Test Software		Test Software Version
		ANT-0	ANT-1	
Mode 15	5180	8.5	8.5	myGui
	5200	10	10	
	5220	10	10	
	5240	10	10	
	5260	10	10	
	5280	10	10	
	5300	10	10	
	5320	9	9	
	5500	8	8	
	5520	10	10	
	5540	10	10	
	5560	10	10	
	5580	10	10	
	5660	10	10	
	5680	10	10	
	5700	10	10	
	5745	13	13	
	5765	13	13	
	5785	13	13	
	5805	13	13	
	5825	13	13	
Mode 16	5190	9	9	
	5230	10	10	
	5270	9	9	
	5310	9	9	
	5510	8	8	
	5550	10	10	
	5670	10	10	
	5755	13	13	
	5795	13	13	
Mode 17	5210	8.5	8.5	
	5290	9	9	
	5530	8.5	8.5	
	5775	13	13	
Mode 18	5250	10	10	
	5250	10	10	

Test Mode	ANT-0	ANT-1	ANT-0+1
Mode 2	V	---	---
Mode 3	V	V	---
Mode 4	V	V	V
Mode 5	V	V	V
Mode 6	V	V	V
Mode 7	V	V	V
Mode 8	V	V	---
Mode 9	V	V	V
Mode 10	V	V	V
Mode 11	V	V	V
Mode 12	V	V	V
Mode 13	V	V	V
Mode 14	V	V	V
Mode 15	V	V	V
Mode 16	V	V	V
Mode 17	V	V	V
Mode 18	V	V	V

Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 2	1TX / 1RX	1	1, 6, 11
Mode 3	2TX / 2RX (Diversity)	6	1, 6, 11
Mode 4	2TX / 2RX (CDD)	13	1, 6, 11
Mode 5	2TX / 2RX (CDD)	27	3, 6, 9
Mode 6	2TX / 2RX (CDD)	MCS0	1, 6, 11
Mode 7	2TX / 2RX (CDD)	MCS0	3, 6, 9
Mode 8	2TX / 2RX (Diversity)	6	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 9	2TX / 2RX (CDD)	13	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 10	2TX / 2RX (CDD)	27	38, 46, 54, 62, 102, 110, 134, 151, 159
Mode 11	2TX / 2RX (CDD)	13	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 12	2TX / 2RX (CDD)	27	38, 46, 54, 62, 102, 110, 134, 151, 159
Mode 13	2TX / 2RX (CDD)	58.6	42, 58, 106, 155
Mode 14	2TX / 2RX (CDD)	117	50
Mode 15	2TX / 2RX (CDD)	MCS0	36, 40, 48, 52, 56, 64, 100, 112, 140, 149, 157, 165
Mode 16	2TX / 2RX (CDD)	MCS0	38, 46, 54, 62, 102, 110, 134, 151, 159
Mode 17	2TX / 2RX (CDD)	MCS0	42, 58, 106, 155
Mode 18	2TX / 2RX (CDD)	MCS0	50

Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	2412	30.000	30.000	1.000	0.000	0.010
Mode 3	2412	2.744	2.752	0.997	0.013	0.010
Mode 4	2412	1.300	1.315	0.989	0.050	0.010
Mode 5	2422	0.648	0.660	0.982	0.080	0.010
Mode 6	2412	1.966	1.974	0.996	0.018	0.010
Mode 7	2422	1.014	1.041	0.974	0.114	0.986
Mode 8	5180	2.744	2.752	0.997	0.013	0.010
Mode 11	5180	2.568	2.576	0.997	0.014	0.010
Mode 12	5190	1.255	1.275	0.984	0.069	0.010
Mode 13	5210	0.606	0.615	0.985	0.064	0.010
Mode 14	5250	0.324	0.336	0.964	0.158	3.086
Mode 15	5180	1.305	1.315	0.992	0.033	0.010
Mode 16	5190	1.020	1.035	0.986	0.063	0.010
Mode 17	5210	0.519	0.537	0.966	0.148	1.927
Mode 18	5250	0.292	0.302	0.967	0.146	3.425

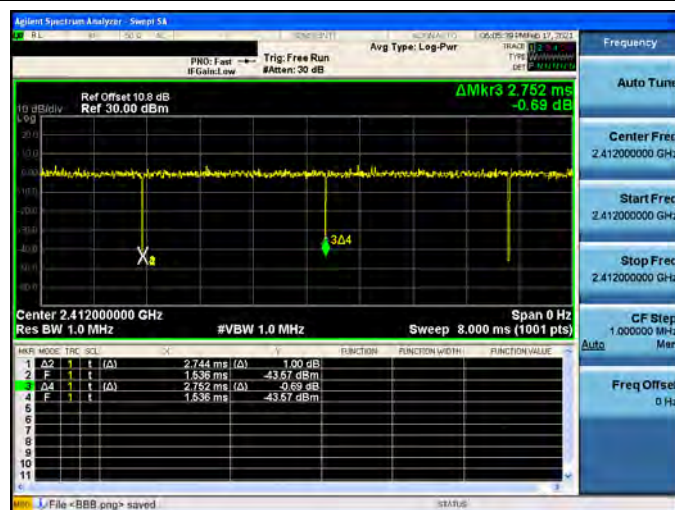
Mode 2: IEEE 802.11b Continuous TX Mode

On time



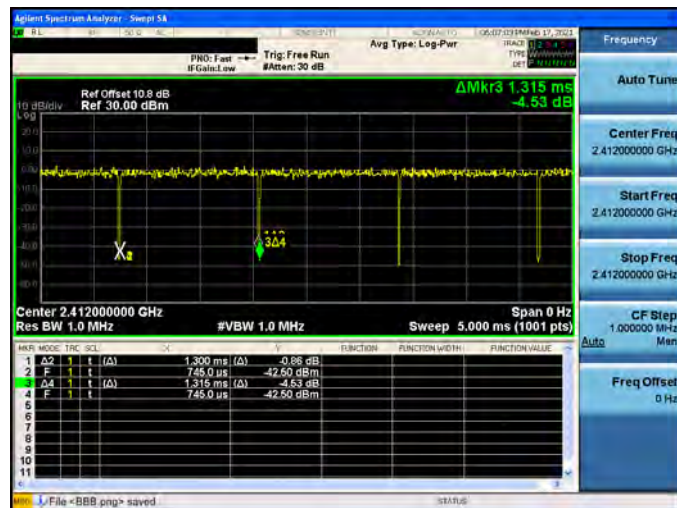
Mode 3: IEEE 802.11g Continuous TX Mode

On+off time



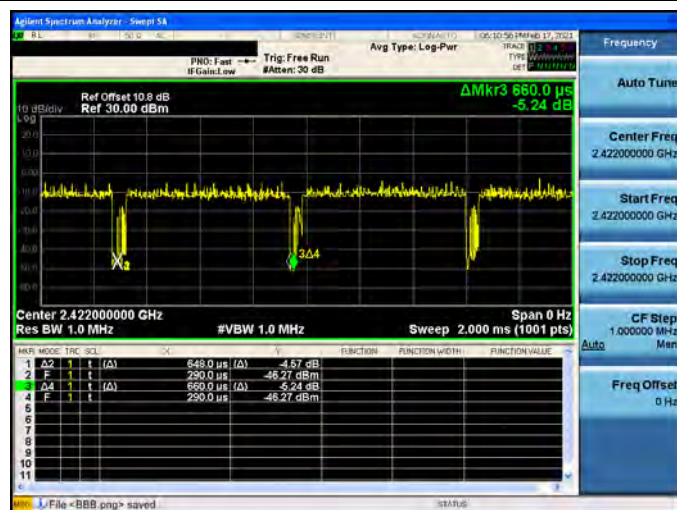
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode

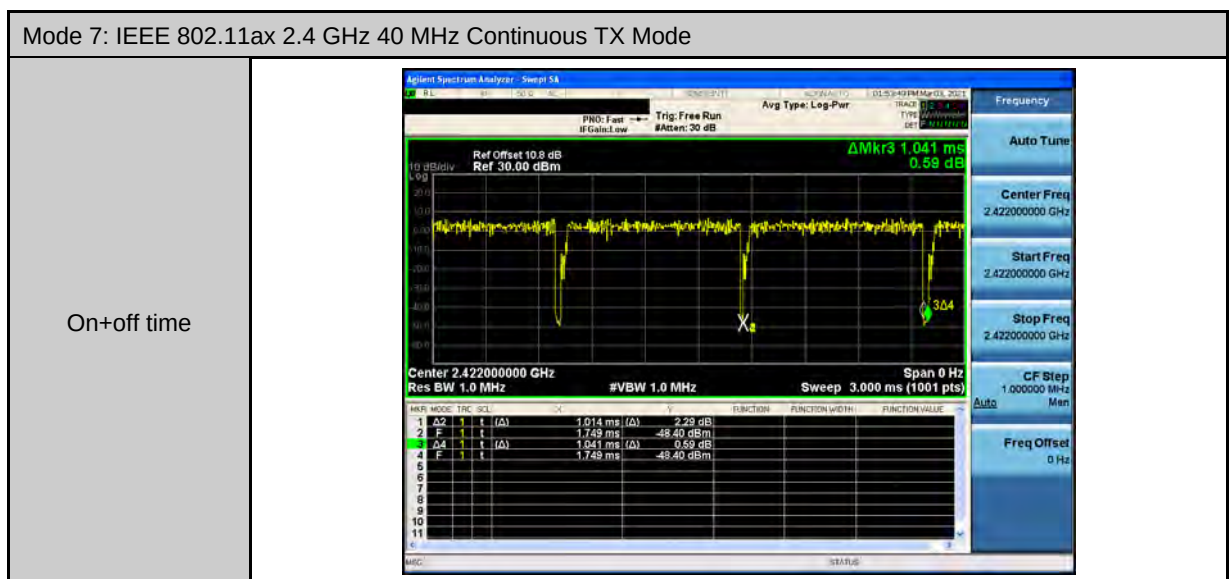
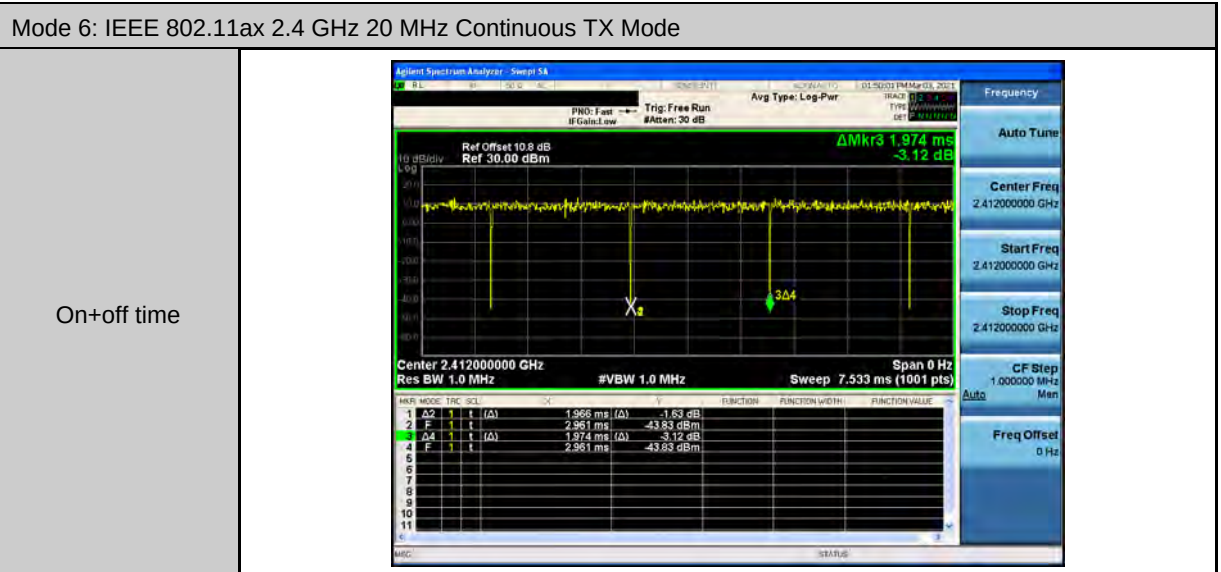
On+off time

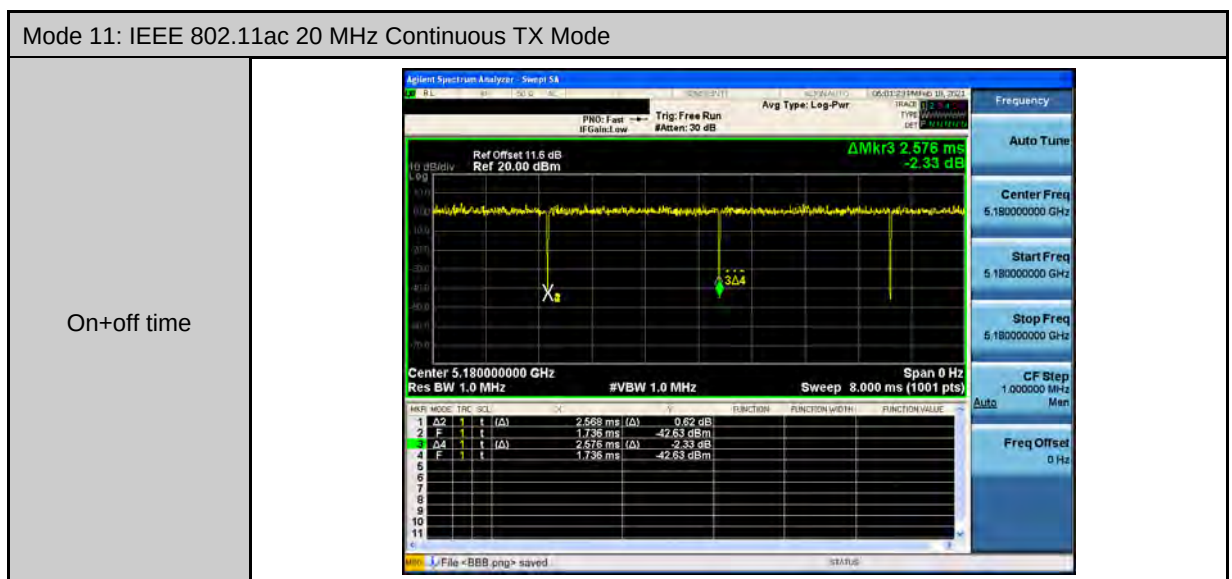
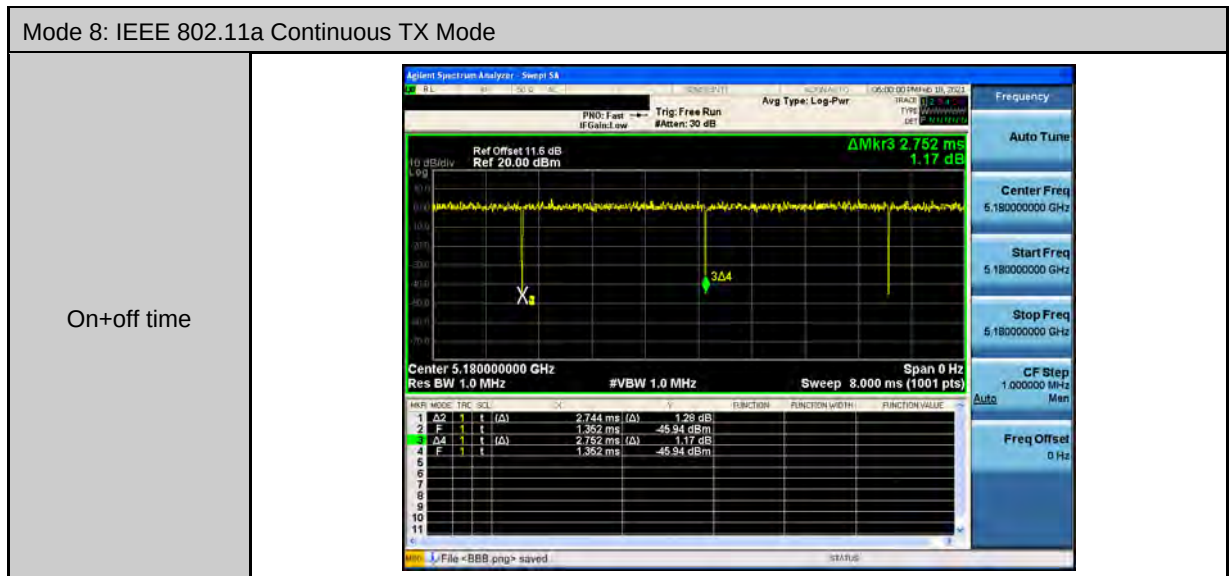


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode

On+off time

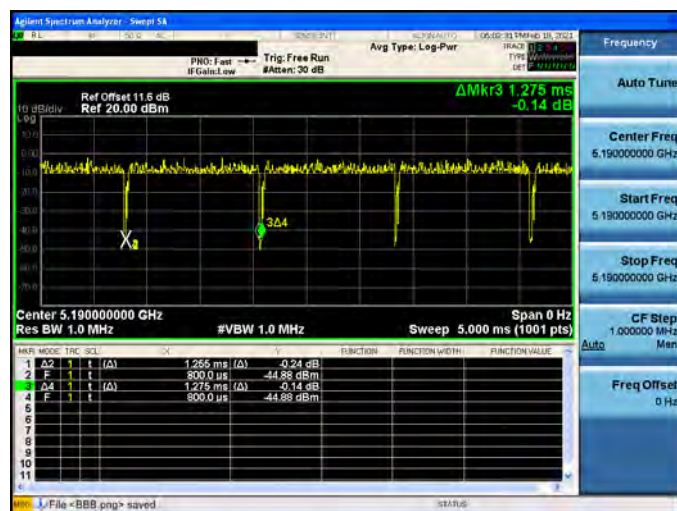






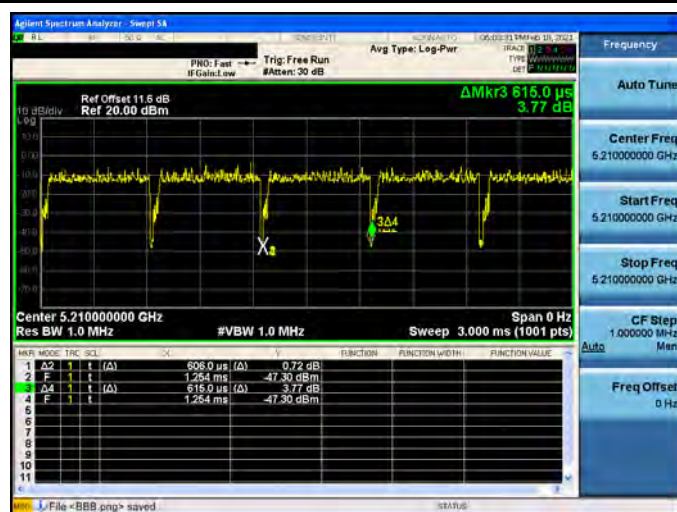
Mode 12: IEEE 802.11ac 40 MHz Continuous TX Mode

On+off time



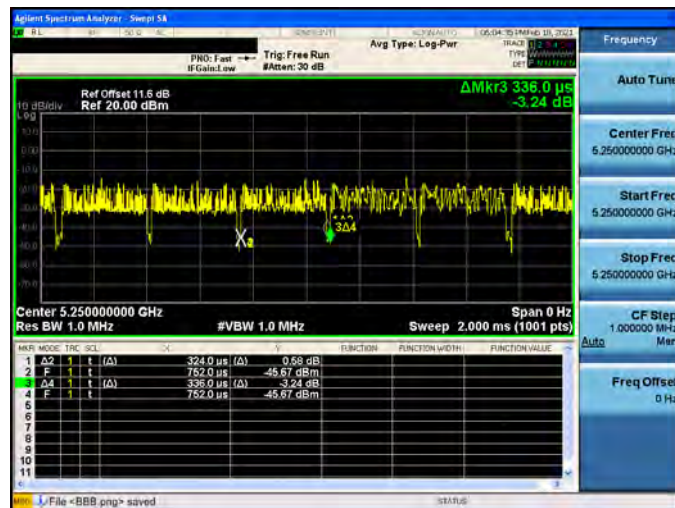
Mode 13: IEEE 802.11ac 80 MHz Continuous TX Mode

On+off time



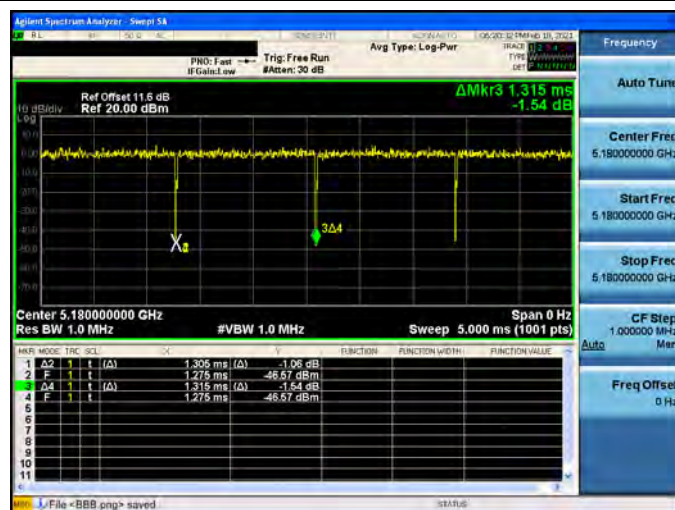
Mode 14: IEEE 802.11ac 160 MHz Continuous TX Mode

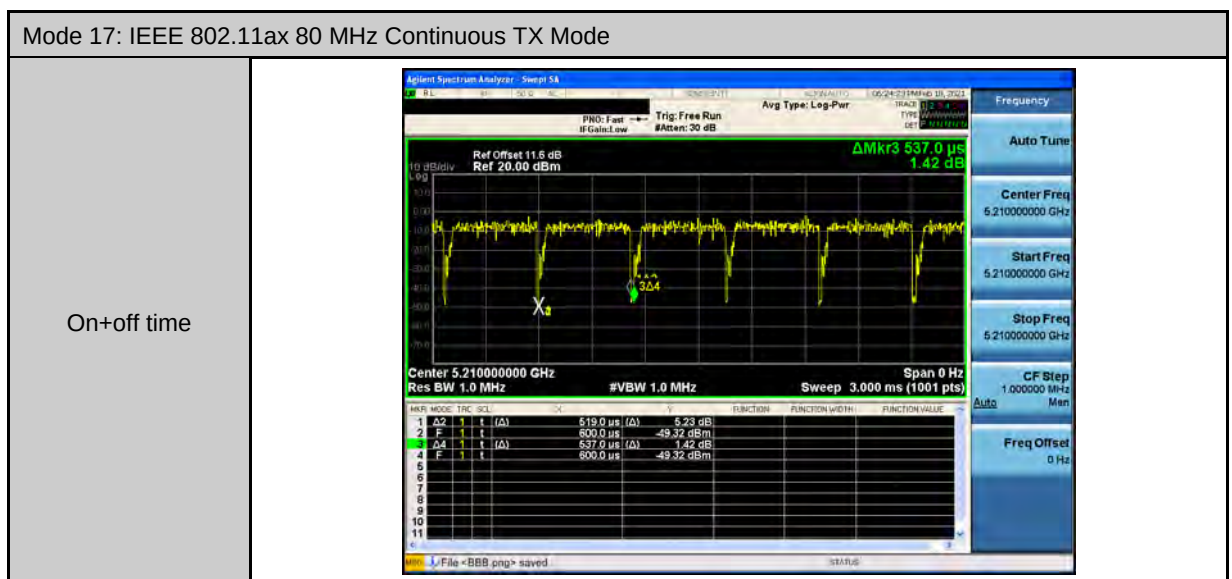
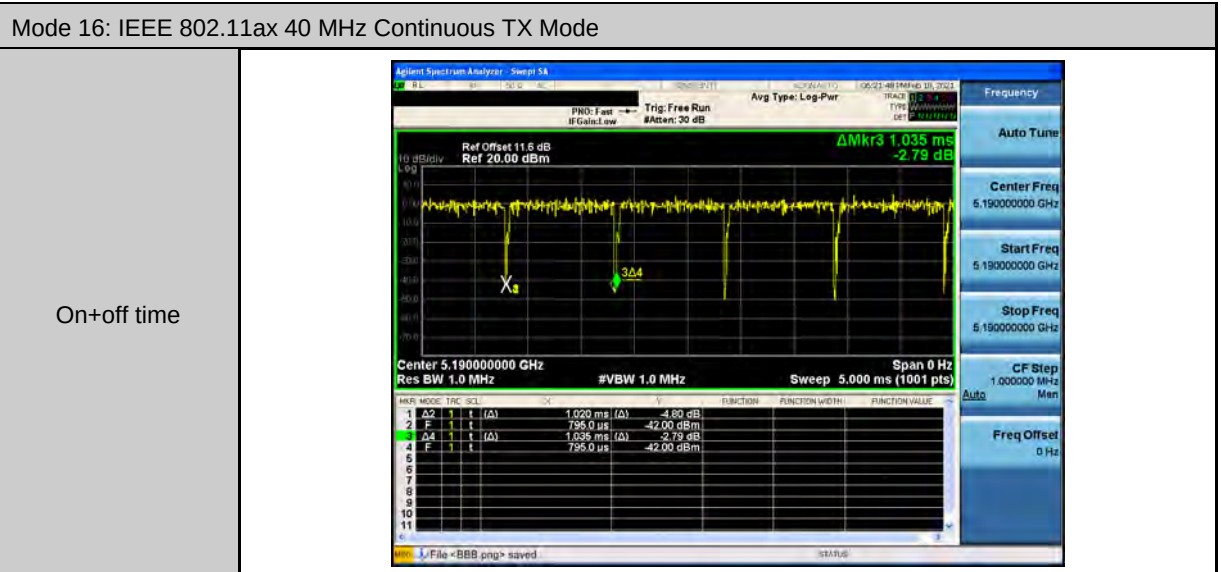
On+off time

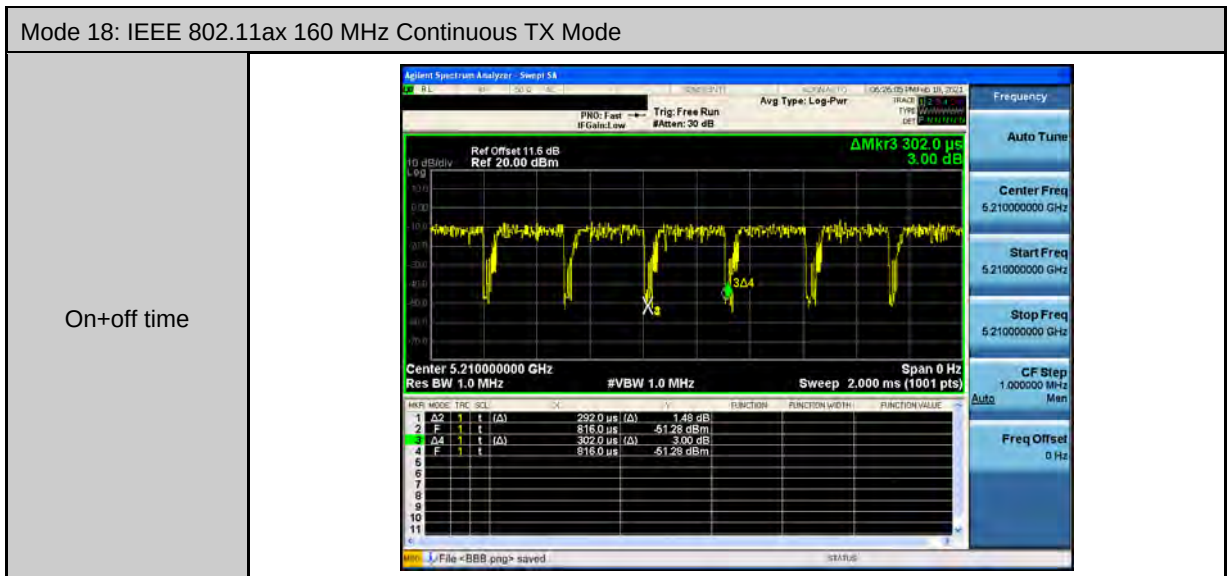


Mode 15: IEEE 802.11ax 20 MHz Continuous TX Mode

On+off time







2.6 量測不確定度

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

Test Item	Frequency Range	Uncertainty
Conducted Emission	150 kHz ~ 30 MHz	2.7 dB
Radiated Emission	9 kHz ~ 30 MHz	2.2 dB
	30 MHz ~ 1000 MHz	5.1 dB
	1000 MHz ~ 18000 MHz	5.1 dB
	18000 MHz ~ 26500 MHz	4.4 dB
	26500 MHz ~ 40000 MHz	4.6 dB
Conducted Output Power		1.1 dB
RF Bandwidth		4.7 %
Power Spectral Density		1.1 dB
Frequency Stability		1.3×10^{-7}
Duty Cycle		1.1 %
Time Occupancy		1.5 %

2.7 試驗環境

產品測試時之實驗室環境條件如下：

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

3. 測試項目與結果判定總表

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

2.4 GHz 頻段適用下列表格

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

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

5 GHz U-NII 頻段適用下列表格

項次	測試項目	適用規範	測試結果	量測設備	結果判定
1	電源線傳導干擾	低功率射頻器材技術規範 3.3 節	Annex A.	請參閱 2.1 節	符合
2	場強輻射	低功率射頻器材技術規範 3.5 節、3.6 節	Annex D.	請參閱 2.1 節	符合
3	頻帶邊緣外之輻射發射	低功率射頻器材技術規範 3.6 節、5.7.4 節	Annex D.	請參閱 2.1 節	符合
4	非必要頻帶	低功率射頻器材技術規範 5.7.4 節	Annex E.	請參閱 2.1 節	符合
5	最大傳導輸出功率	低功率射頻器材技術規範 5.7.3 節	Annex E.	請參閱 2.1 節	符合
6	最大傳導功率頻譜密度	低功率射頻器材技術規範 5.7.3 節	Annex E.	請參閱 2.1 節	符合
7	26 dB 頻寬之要求	N/A	Annex E.	請參閱 2.1 節	----
8	6 dB 頻寬之要求	低功率射頻器材技術規範 5.7.5 節	Annex E.	請參閱 2.1 節	符合
9	發射功率控制(TPC)	低功率射頻器材技術規範 5.7.7.1 節	Annex E.	請參閱 2.1 節	符合
10	動態頻率選擇(DFS) 雷達偵測功能	低功率射頻器材技術規範 5.7.7.2 節	Annex E.	請參閱 2.1 節	不適用
11	動態頻率選擇(DFS) 頻道可用性檢查時間	低功率射頻器材技術規範 5.7.7.2(3)節	Annex E.	請參閱 2.1 節	不適用
12	動態頻率選擇(DFS) 頻道移動時間	低功率射頻器材技術規範 5.7.7.2(4)節	Annex E.	請參閱 2.1 節	符合
13	動態頻率選擇(DFS) 不可佔用時間	低功率射頻器材技術規範 5.7.7.2(5)節	Annex E.	請參閱 2.1 節	符合
14	天線規格	低功率射頻器材技術規範 5.7.8 節	請參閱 4.3.11 節	-----	符合
15	電波暴露量之評估	低功率射頻器材技術規範 6.20.2 節	Annex E.	請參閱 2.1 節	符合

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

Decision Rule

☒ Uncertainty is not included.

☐ Uncertainty is included.

4. 測試項目表列

4.1 電源線傳導干擾之量測

合格標準：

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

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

註：隨頻率之對數遞減。

測試方法：

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

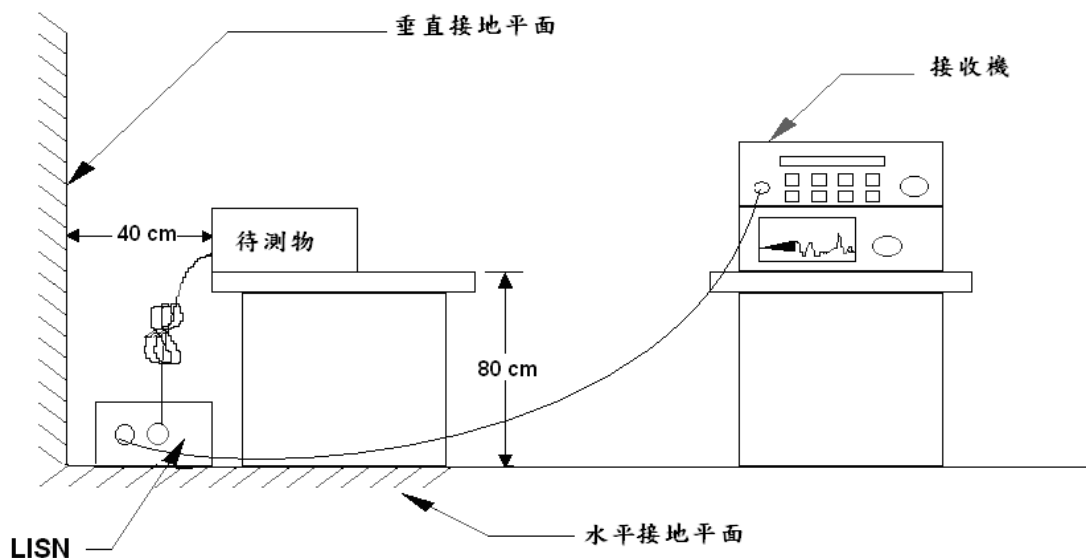
干擾值之計算

電源傳導干擾電壓之計算公式如下

結果值 = 儀器讀值(QP/AV) + 校正因子

其中校正因子為：饋線損失 + 電源阻抗模擬網路損失

測試架構圖：



4.2 2.4 GHz 檢驗項目

4.2.1 場強輻射之量測

合格標準:

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

依據 NCC 低功率射頻器材技術規範第 3.5 節之規定,禁用頻段如下：

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

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

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

測試方法：

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

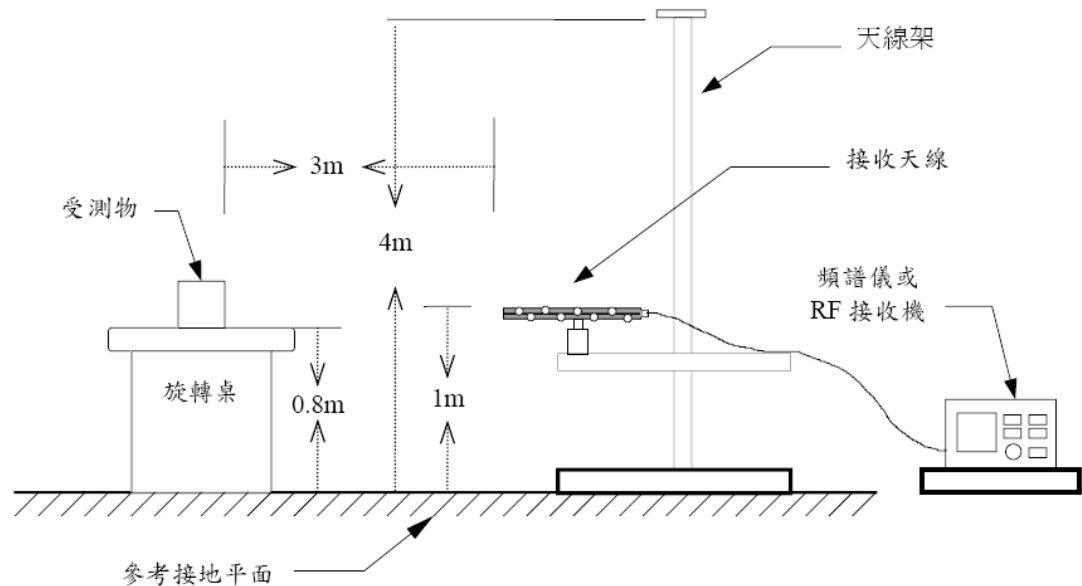
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

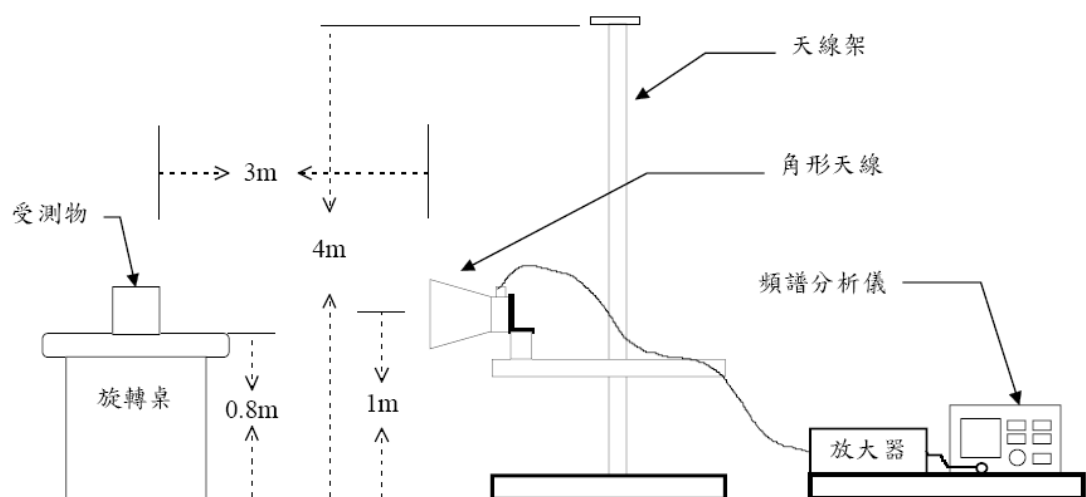
其中校正因子為：天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



量測頻率高於 1 GHz 以上之測試配置

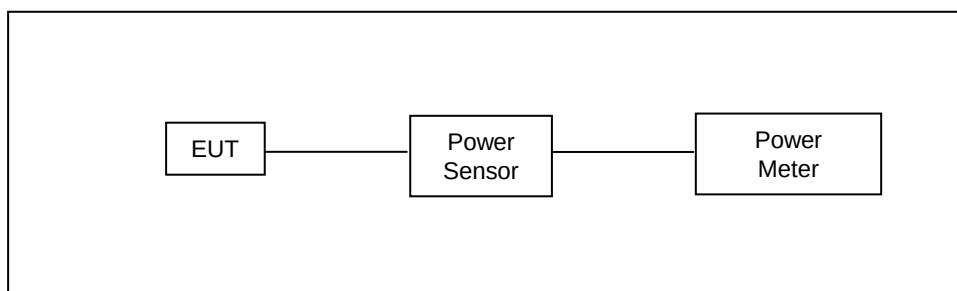


4.2.2 最大傳導輸出功率之量測

合格標準:

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

測試架構圖:



4.2.3 天線規格之要求

合格標準:

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

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

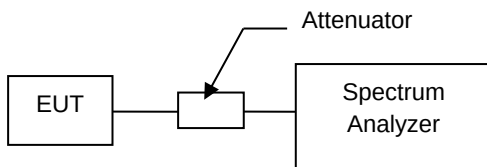
判定結果: 符合。

4.2.4 非必要頻帶之量測

合格標準：

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

測試架構圖：



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

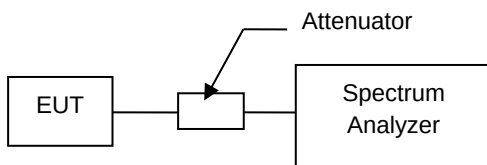
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 30 dB。

4.2.5 6 dB頻寬之要求

合格標準：

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

測試架構圖：



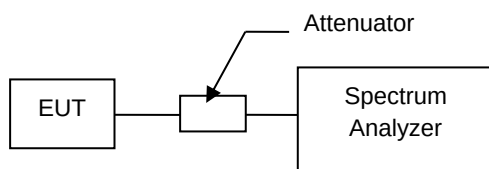
4.2.6 峰值發射電功率密度之要求

合格標準：

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

測試架構圖：

測試場地測試配置如圖所示。



4.2.7 電波暴露量之評估

合格標準:

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

6.20.2.1 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

6.20.2.2 一般人/不可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

4.3 5 GHz U-NII 檢驗項目

4.3.1 場強輻射與非必要頻帶之量測

場強輻射合格標準：

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

依據 NCC 低功率射頻器材技術規範第 3.5 節之規定,禁用頻段如下：

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

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

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

非必要頻帶合格標準:

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

不必要發射之限值: 在操作頻帶外的峰值發射應衰減至符合下列限值:

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

測試方法:

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

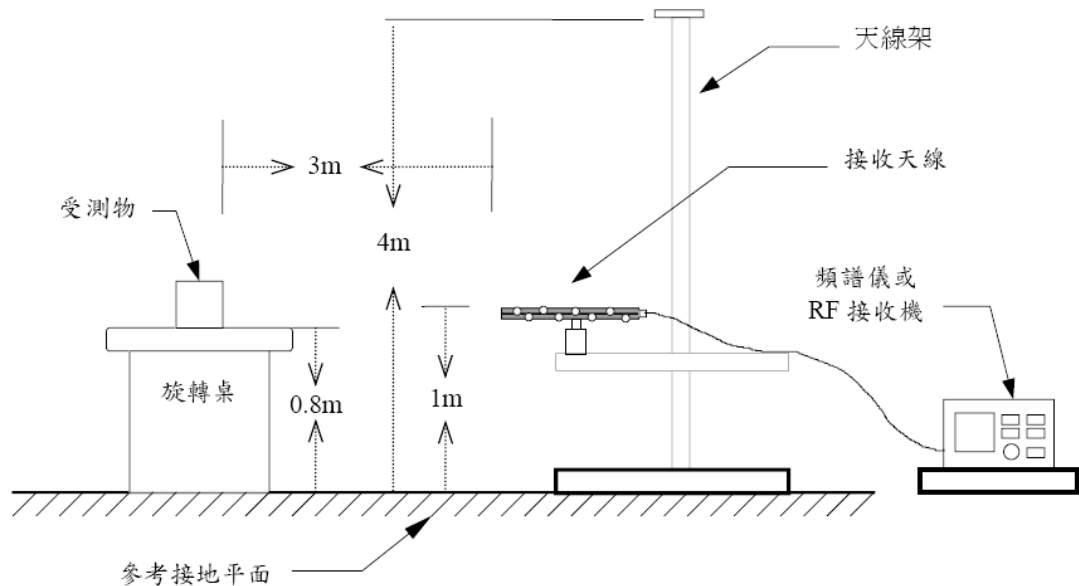
場強度之計算

場強之計算公式為: 結果值 = 讀值 + 校正因子

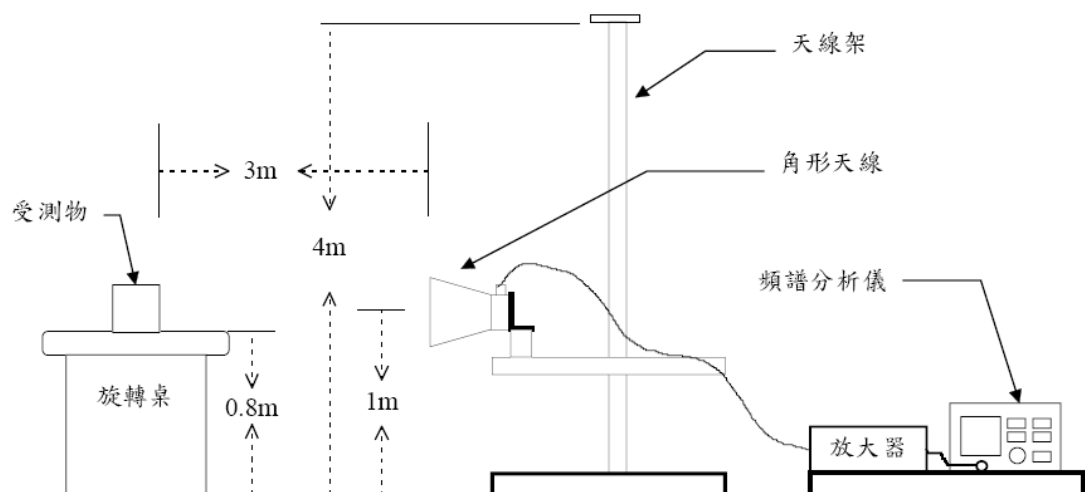
其中校正因子為: 天線因子+ 饋線損失 + 濾波器損失 (若有使用) - 放大器增益 (若有使用)

測試架構圖：

量測頻率低於 1 GHz 以下之測試配置



量測頻率高於 1 GHz 以上之測試配置



4.3.2 最大傳導輸出功率之量測

合格標準:

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

1. 5.15-5.25 GHz 頻帶

(1) 供戶外操作使用:

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

(2) 供室內操作使用:

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

(3) 供固定式點對點操作使用:

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

(4) 供行動或可攜式裝置操作使用:

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

2. 5.25-5.35 GHz 與 5.470-5.725 GHz 頻帶

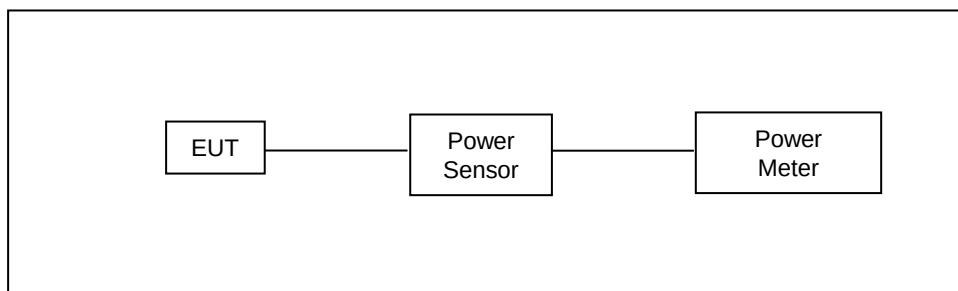
- (1) 最大傳導輸出功率不能超過 250 mW 或 11 dBm+10 log B (B 是 26 dB 發射頻寬，單位 MHz)之較小者。
- (2) 最大功率頻譜密度在任何 1 MHz 頻帶中不能超過 11 dBm。
- (3) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

3. 5.725-5.850 GHz 頻帶

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

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

測試架構圖：



4.3.3 最大傳導功率頻譜密度之要求

合格標準:

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

1. 5.15-5.25 GHz 頻帶

(1) 供戶外操作使用:

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

(2) 供室內操作使用:

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

(3) 供固定式點對點操作使用:

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

(4) 供行動或可攜式裝置操作使用:

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

2. 5.25-5.35 GHz 與 5.470-5.725 GHz 頻帶

(1) 最大功率頻譜密度在任何 1 MHz 頻帶中不能超過 11 dBm。

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

3. 5.725-5.850 GHz 頻帶

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

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

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

4. 最大功率頻譜密度量測規定:

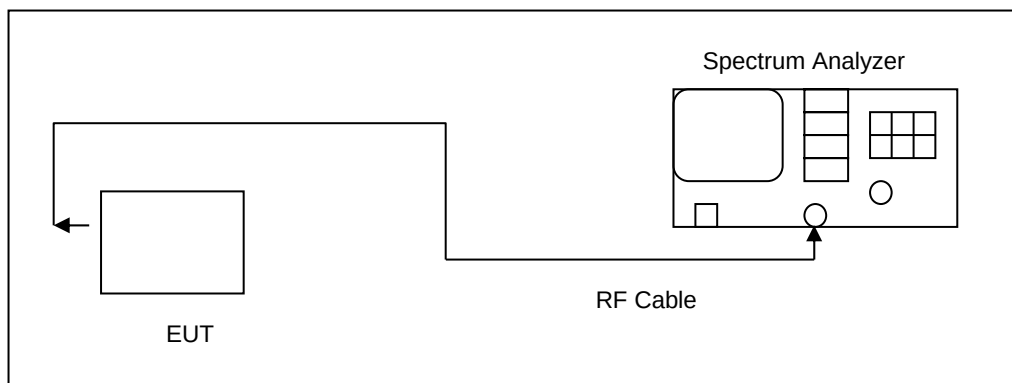
(1) 應將量測儀器直接連接待測物，以傳導方式執行。

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

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

(4) 解析頻寬小於(2)或(3)時，應以補償方式計算總功率頻譜密度。

測試架構圖：

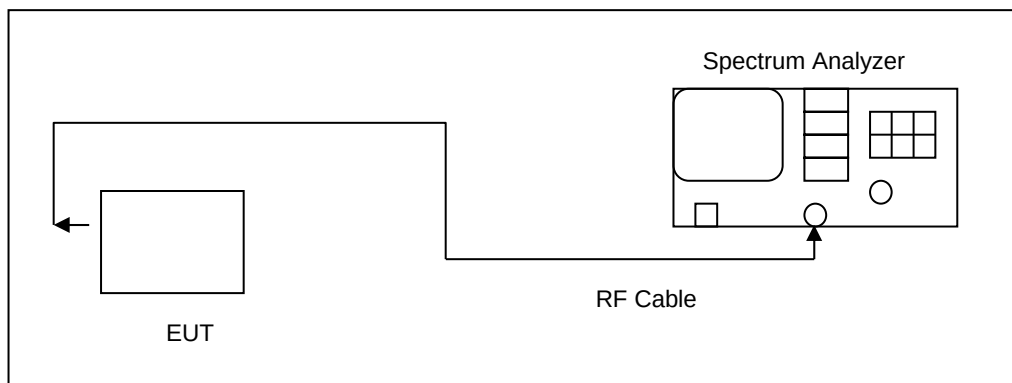


4.3.4 26 dB頻寬之要求

合格標準:

N/A

測試架構圖：

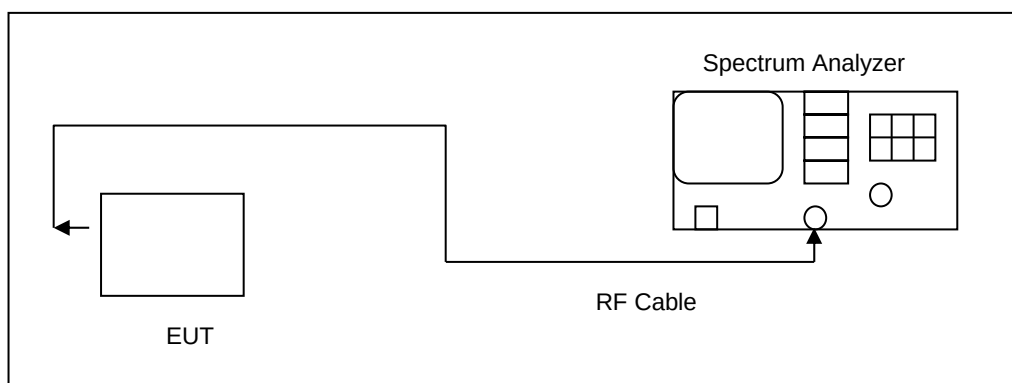


4.3.5 6 dB頻寬之要求

合格標準:

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

測試架構圖：

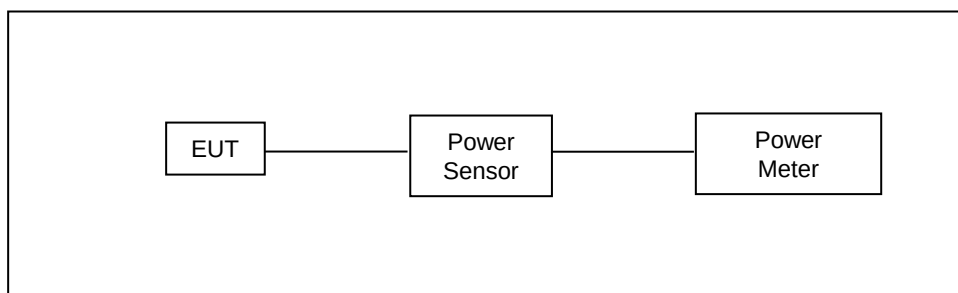


4.3.6 發射功率控制(TPC)之量測

合格標準：

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

測試架構圖：



4.3.7 動態頻率選擇(DFS)之量測

合格標準:

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

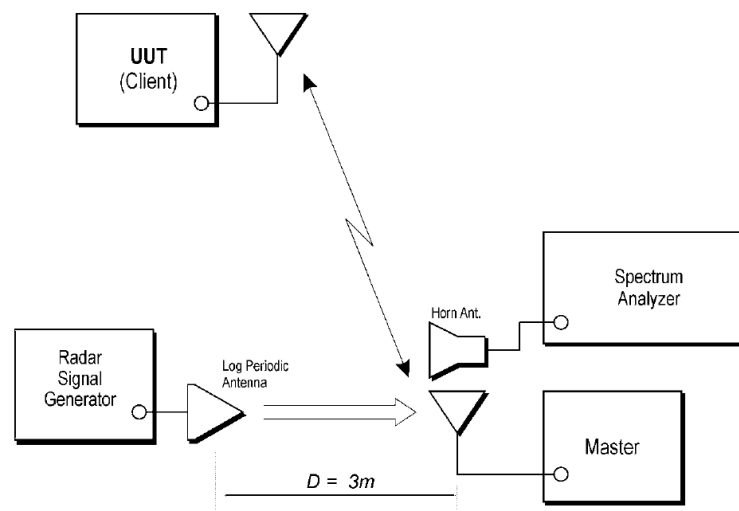
最低動態頻率選擇的偵測門檻

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

操作模式: 動態頻率選擇之規定適用於以下之操作模式:

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

測試架構圖:

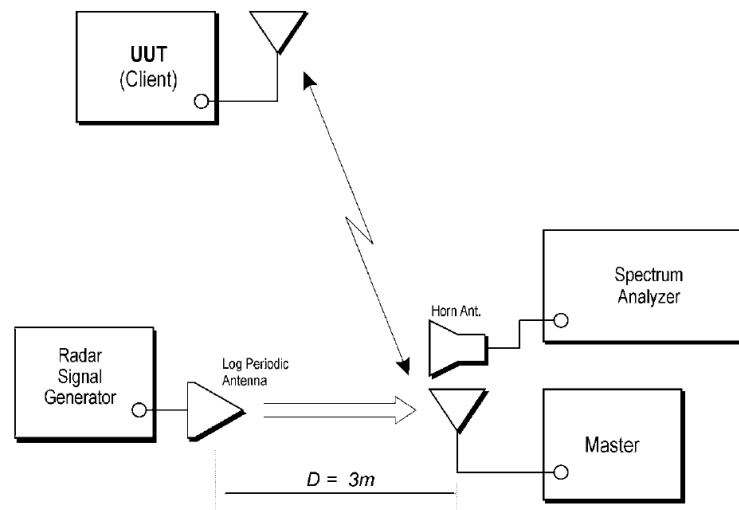


4.3.8 頻道可用性檢查時間之量測

合格標準：

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

測試架構圖：

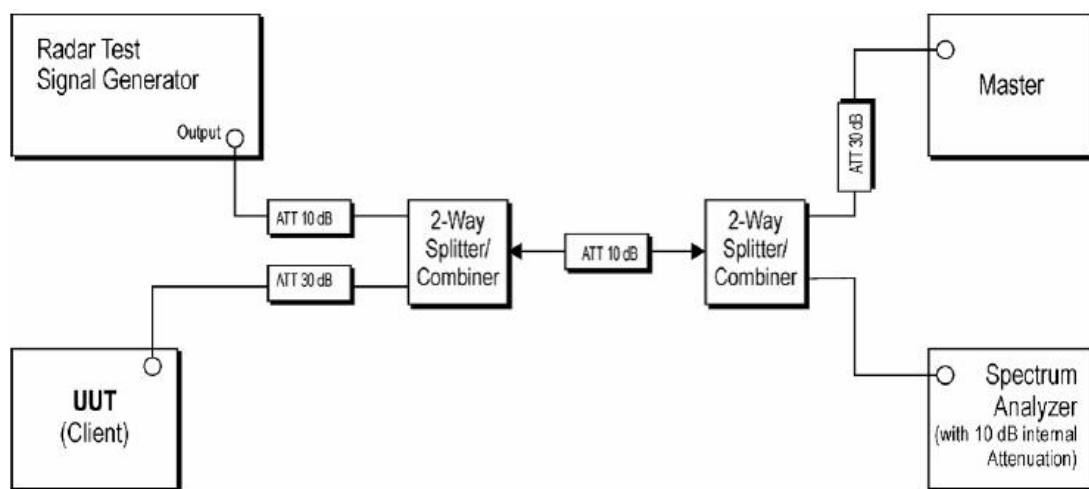


4.3.9 頻道移動時間之量測

合格標準：

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

測試架構圖：



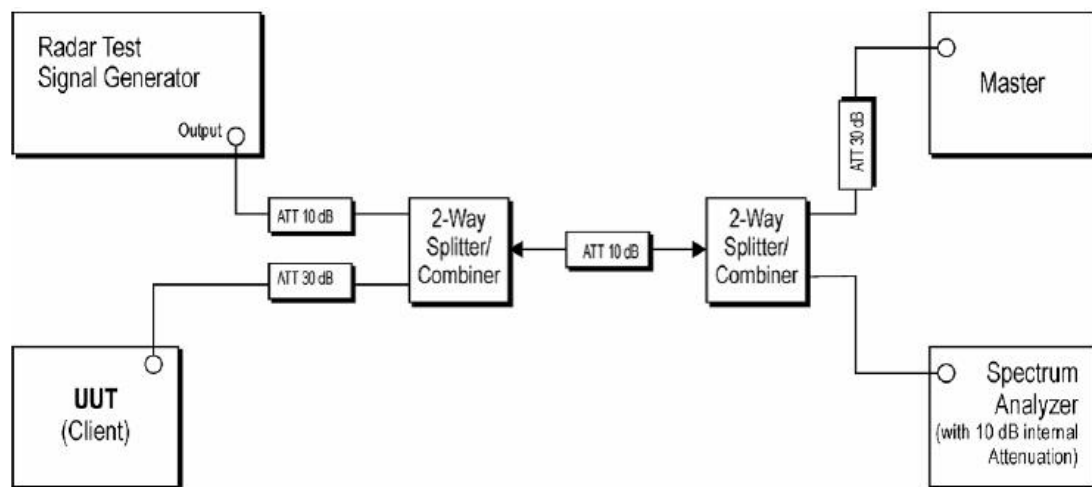
Product		Manufacturer	Model No.	ID
1.	ASUS Access Point	ASUS	RT-AX88U	FCC ID : MSQ-RTAXHP00
2.	AP adapter	ASUS	ADP-45BW	---

4.3.10 不可佔用時間之量測

合格標準：

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

測試架構圖：



4.3.11 天線規格之要求

合格標準：

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

判定結果：符合。

4.3.12 電波暴露量之評估

合格標準：

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

6.20.2.1 職業性/可控制之暴露

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

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

6.20.2.2 一般人/不可控制之暴露

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

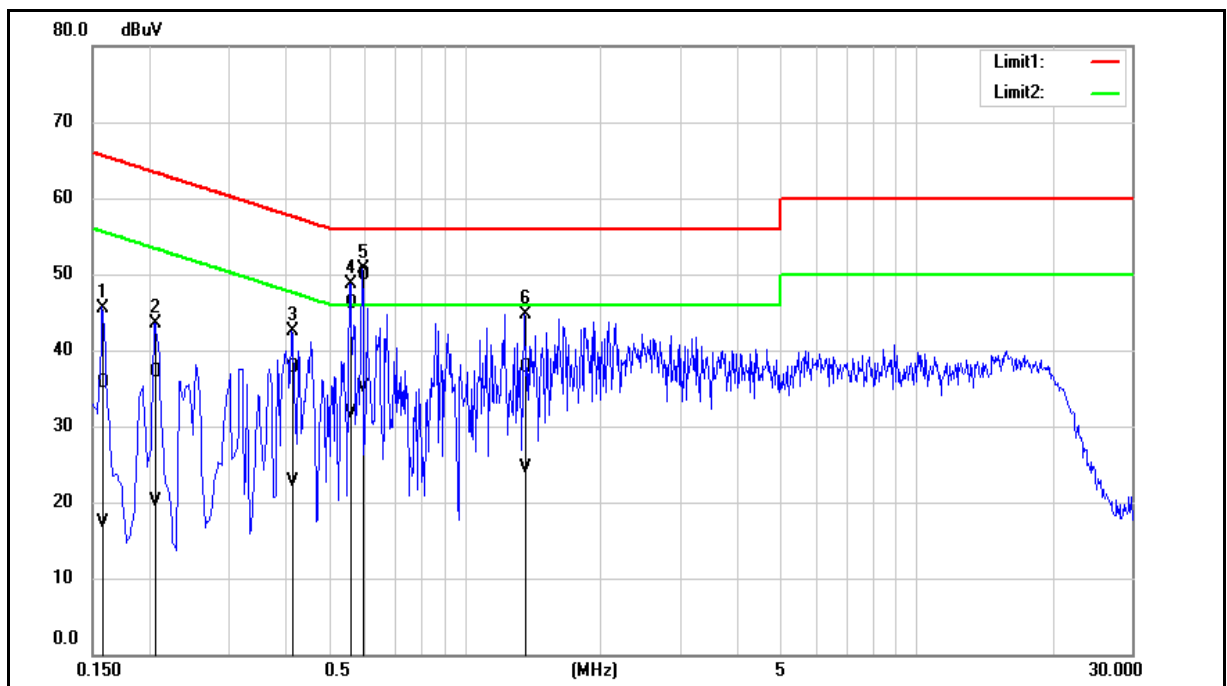
註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

5. Test Results

Annex A. Conducted Emission

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

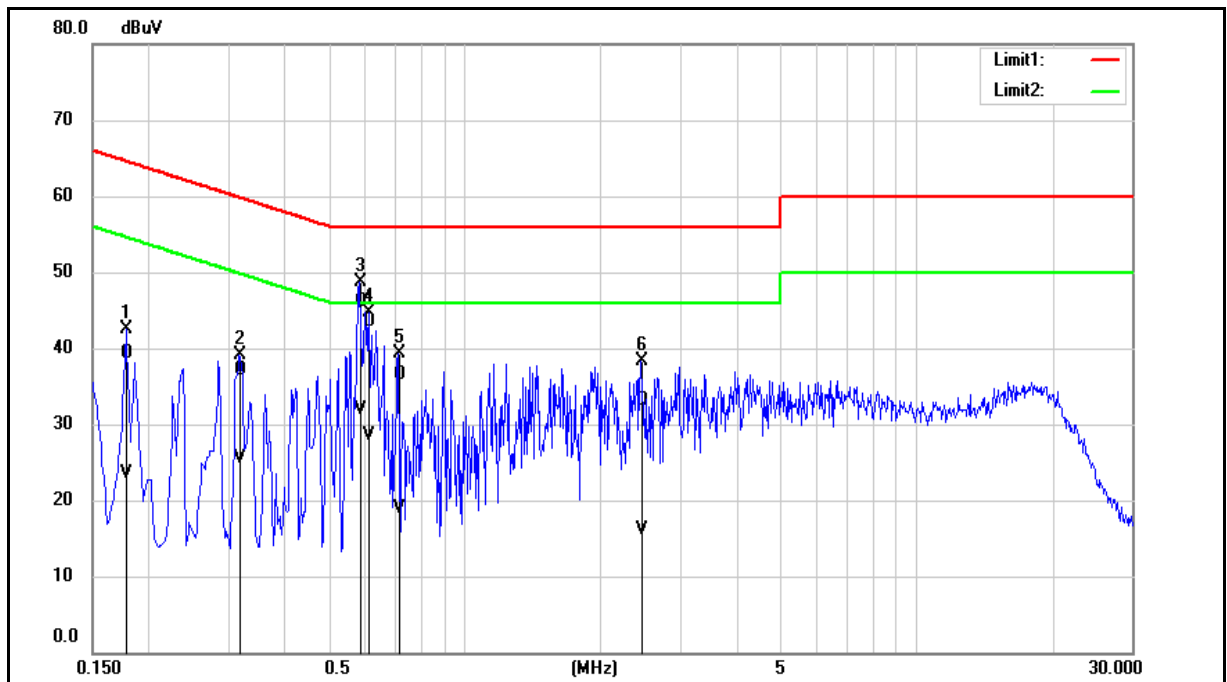


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1580	25.95	7.60	9.70	35.65	17.30	65.57	55.57	-29.92	-38.27	Pass
2	0.2060	27.37	10.36	9.70	37.07	20.06	63.37	53.37	-26.30	-33.31	Pass
3	0.4140	28.01	12.93	9.70	37.71	22.63	57.57	47.57	-19.86	-24.94	Pass
4	0.5580	36.33	21.95	9.71	46.04	31.66	56.00	46.00	-9.96	-14.34	Pass
5	0.5940	40.28	25.35	9.71	49.99	35.06	56.00	46.00	-6.01	-10.94	Pass
6	1.3540	28.02	14.75	9.72	37.74	24.47	56.00	46.00	-18.26	-21.53	Pass

註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1780	29.60	13.89	9.69	39.29	23.58	64.58	54.58	-25.29	-31.00	Pass
2	0.3180	27.33	15.85	9.69	37.02	25.54	59.76	49.76	-22.74	-24.22	Pass
3	0.5860	36.43	22.26	9.70	46.13	31.96	56.00	46.00	-9.87	-14.04	Pass
4	0.6140	33.84	18.84	9.70	43.54	28.54	56.00	46.00	-12.46	-17.46	Pass
5	0.7140	26.84	9.19	9.69	36.53	18.88	56.00	46.00	-19.47	-27.12	Pass
6	2.4540	23.42	6.28	9.76	33.18	16.04	56.00	46.00	-22.82	-29.96	Pass

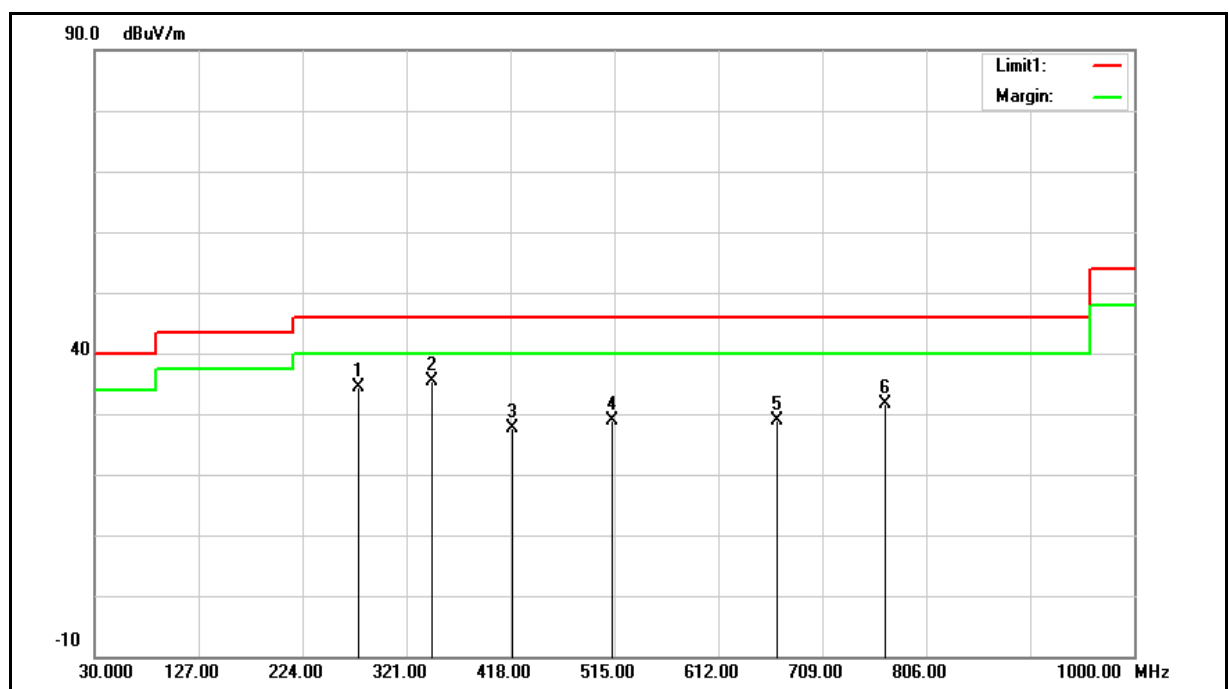
註：1. 干擾值(dBuV) = 校正係數(dB) + 讀值(dBuV)。

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

Annex B. Radiated Emission Measurement (2.4 GHz)

其它不必要之訊號 (1 GHz 以下)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	276.3800	41.51	-7.17	34.34	46.00	-11.66	QP
2	345.2500	41.15	-5.70	35.45	46.00	-10.55	QP
3	419.9400	31.98	-4.44	27.54	46.00	-18.46	QP
4	513.0600	32.27	-3.31	28.96	46.00	-17.04	QP
5	666.3200	29.28	-0.48	28.80	46.00	-17.20	QP
6	768.1700	30.57	1.12	31.69	46.00	-14.31	QP

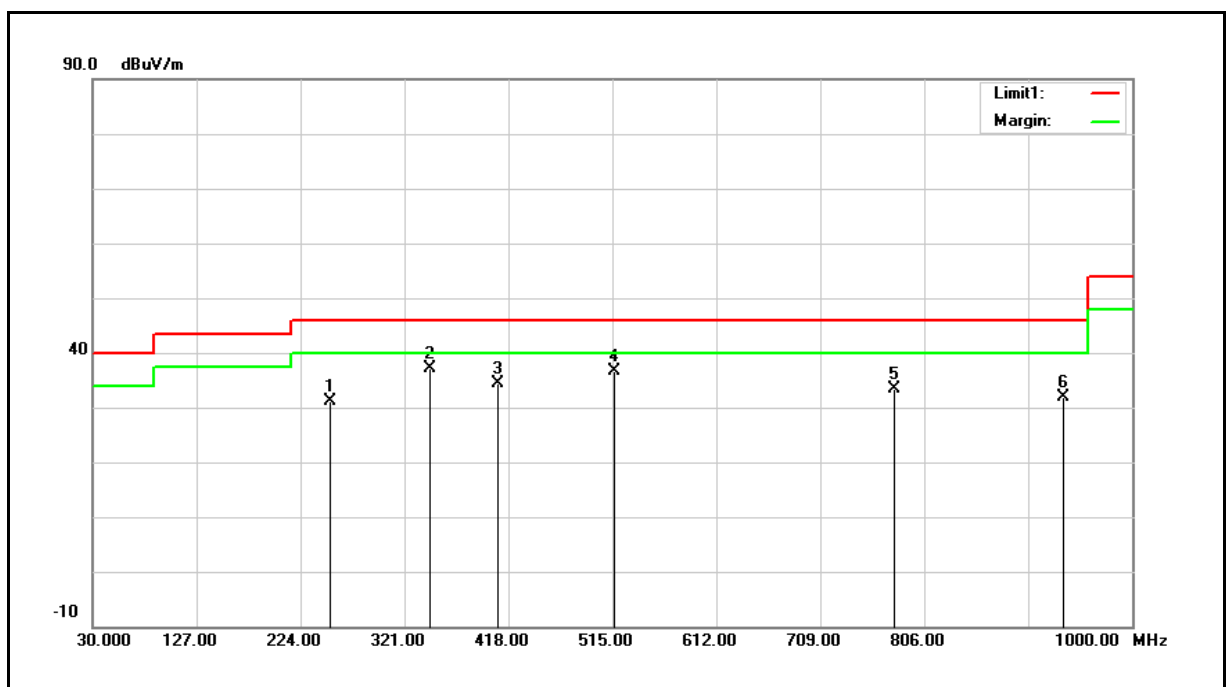
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 34.34 = -7.17 + 41.51

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	252.1300	39.29	-8.22	31.07	46.00	-14.93	QP
2	345.2500	42.93	-5.70	37.23	46.00	-8.77	QP
3	408.3000	39.04	-4.65	34.39	46.00	-11.61	QP
4	516.9400	39.76	-3.23	36.53	46.00	-9.47	QP
5	777.8700	32.13	1.27	33.40	46.00	-12.60	QP
6	935.9800	28.20	3.60	31.80	46.00	-14.20	QP

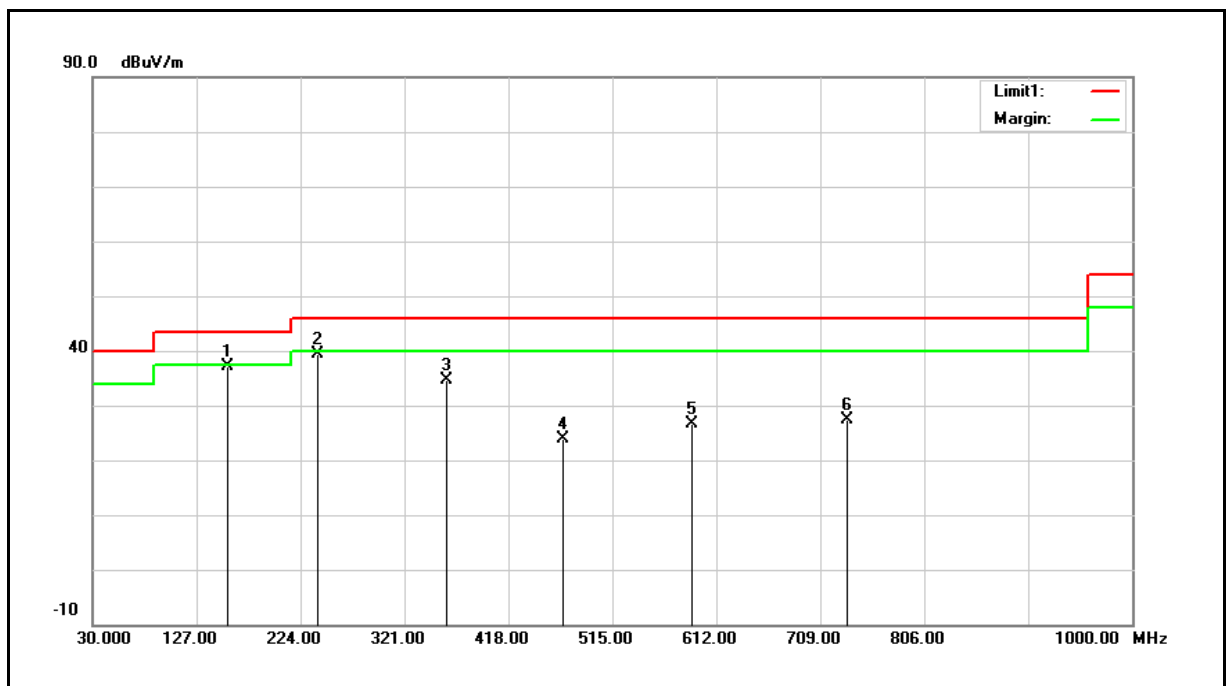
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 31.07 = -8.22 + 39.29

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	2412 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



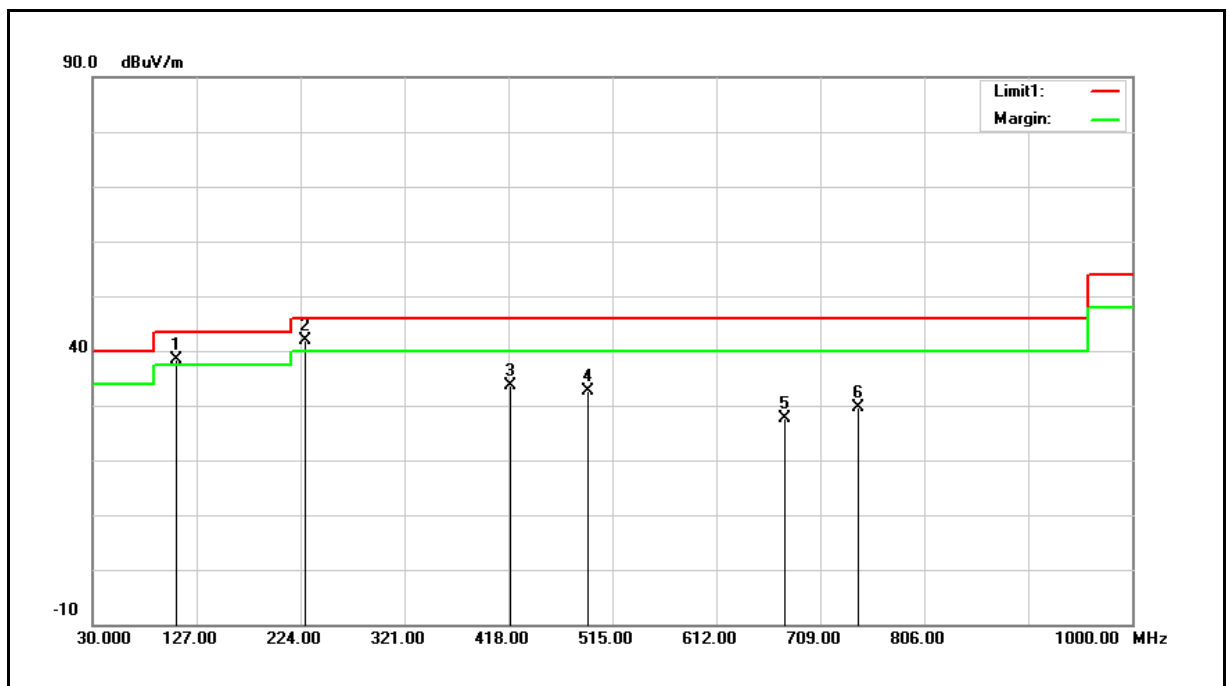
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	156.1000	44.63	-7.54	37.09	43.50	-6.41	QP
2	239.5200	47.87	-8.51	39.36	46.00	-6.64	QP
3	359.8000	39.99	-5.45	34.54	46.00	-11.46	QP
4	468.4400	27.59	-3.80	23.79	46.00	-22.21	QP
5	589.6900	28.10	-1.50	26.60	46.00	-19.40	QP
6	734.2200	26.87	0.57	27.44	46.00	-18.56	QP

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	2412 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	107.6000	49.72	-11.43	38.29	43.50	-5.21	QP
2	227.8800	51.06	-9.14	41.92	46.00	-4.08	QP
3	419.9400	38.16	-4.44	33.72	46.00	-12.28	QP
4	491.7200	36.37	-3.67	32.70	46.00	-13.30	QP
5	676.0200	27.94	-0.36	27.58	46.00	-18.42	QP
6	744.8900	29.00	0.75	29.75	46.00	-16.25	QP

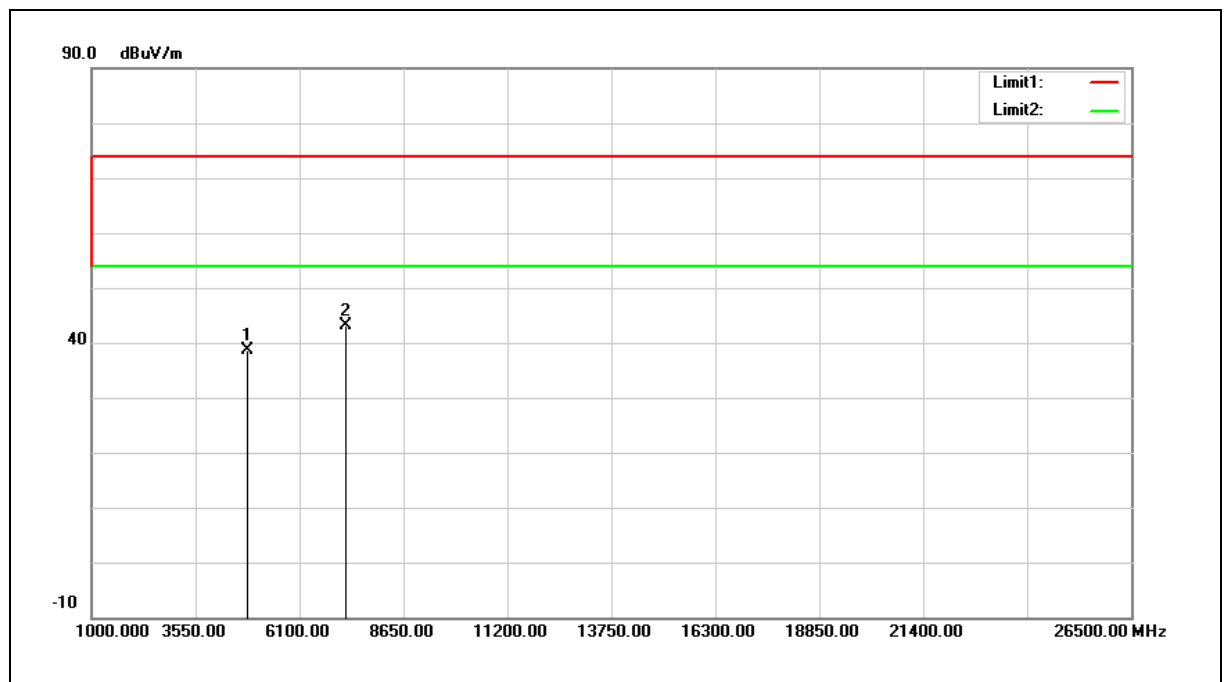
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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

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

場強輻射量測 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	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	39.79	-1.25	38.54	74.00	-35.46	peak
2	7236.000	37.35	5.85	43.20	74.00	-30.80	peak

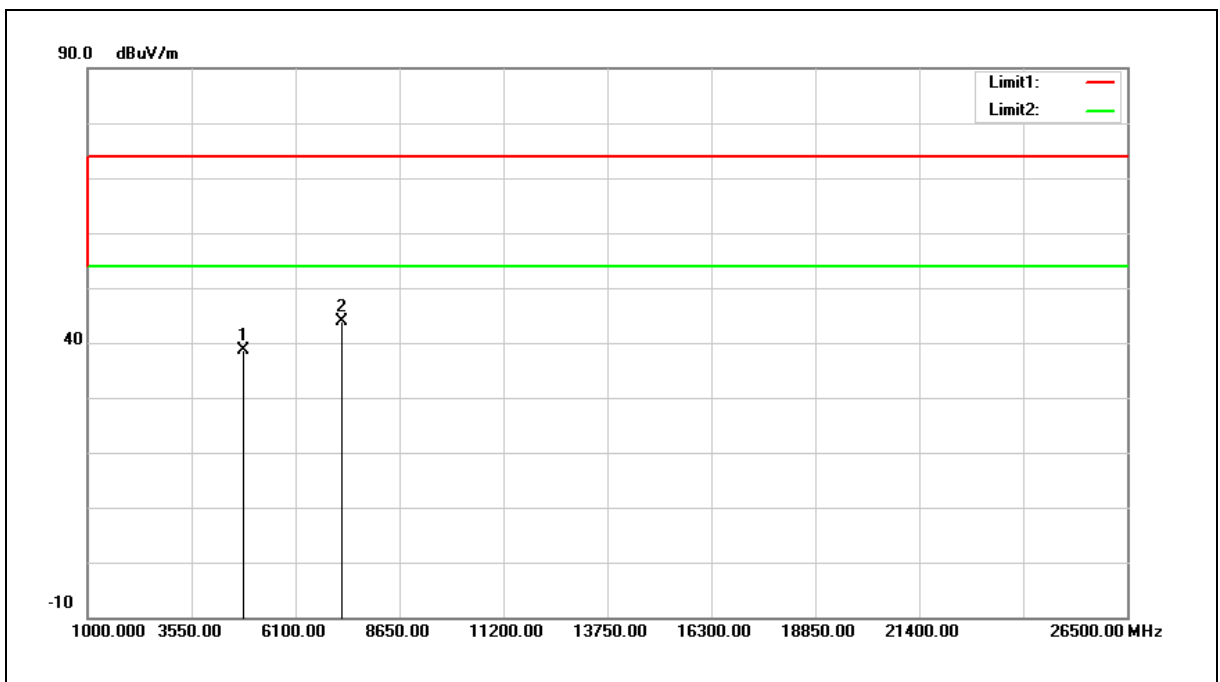
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $38.54 = -1.25 + 39.79$

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	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	39.80	-1.25	38.55	74.00	-35.45	peak
2	7236.000	38.10	5.85	43.95	74.00	-30.05	peak

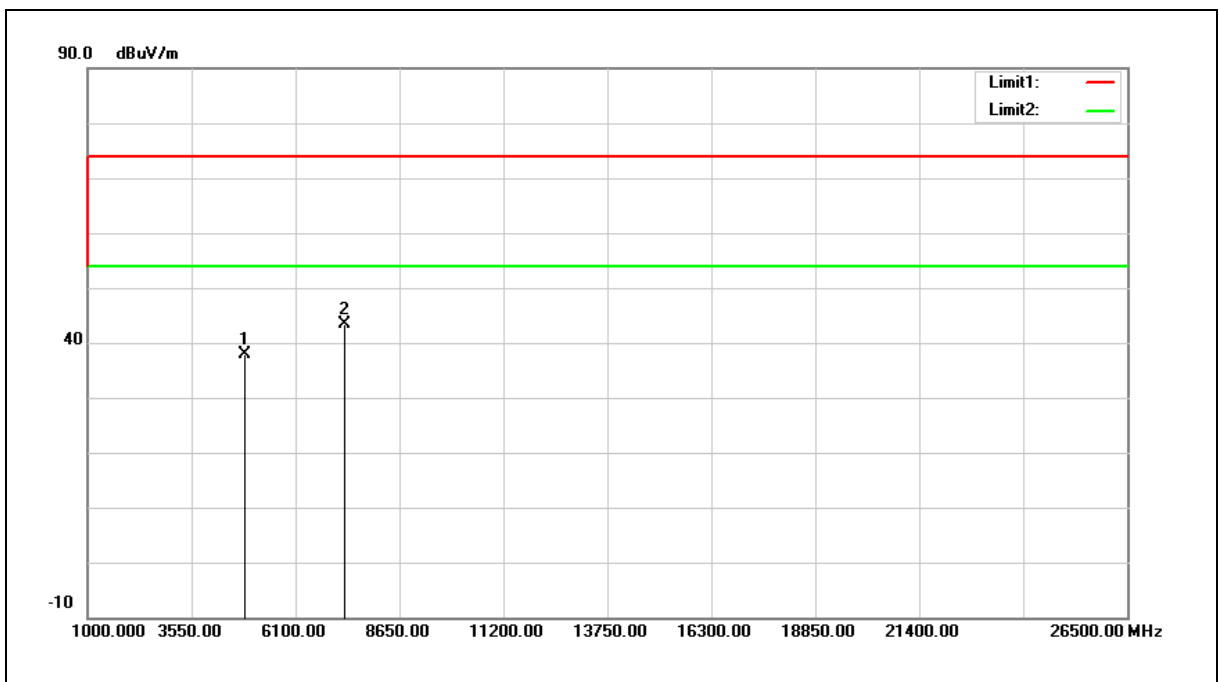
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $38.55 = -1.25 + 39.80$

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

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

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



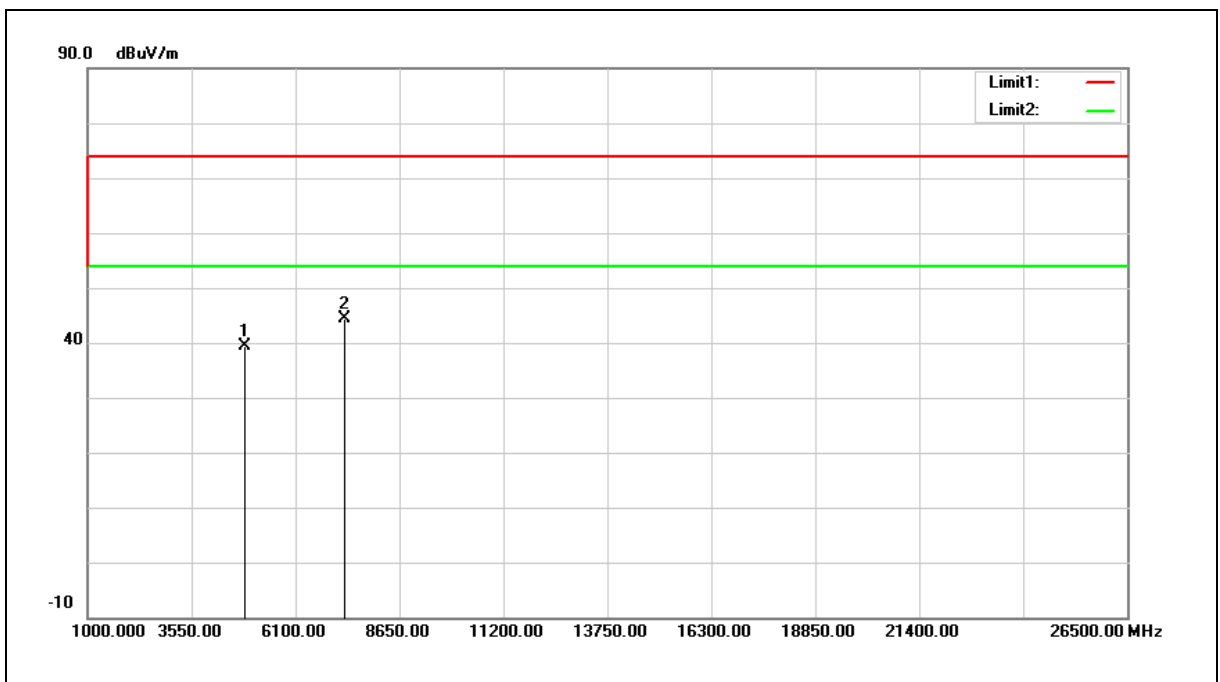
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.08	-1.12	37.96	74.00	-36.04	peak
2	7311.000	37.24	6.11	43.35	74.00	-30.65	peak

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

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

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

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



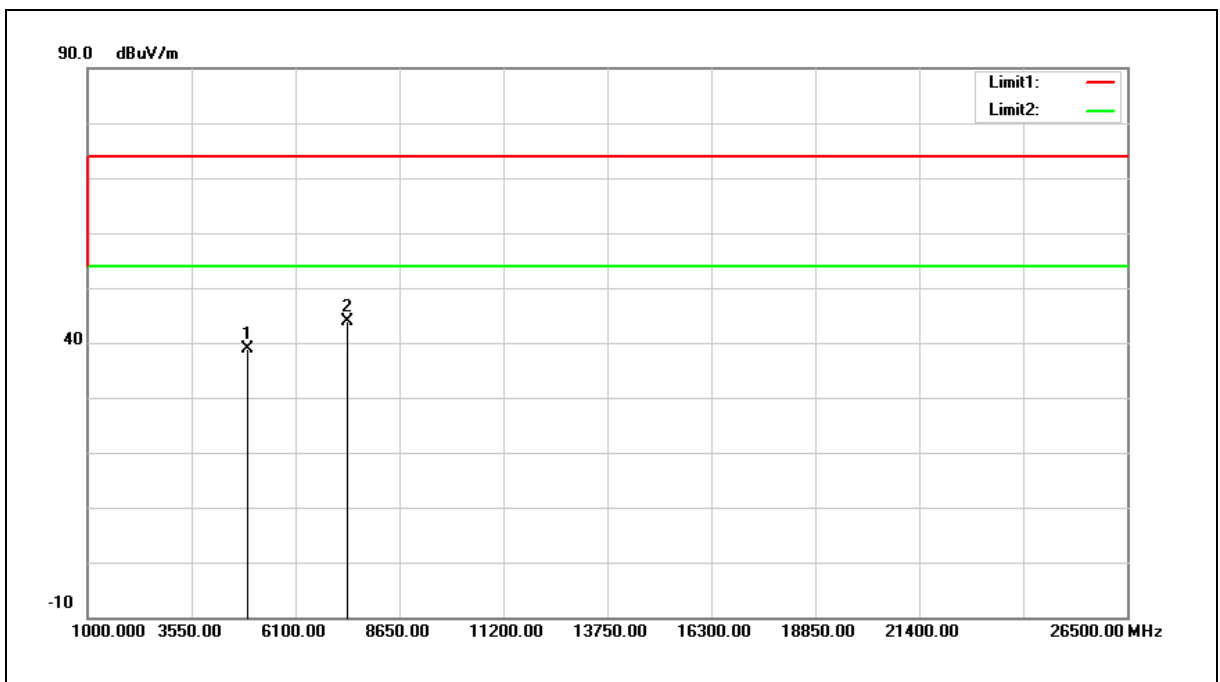
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.49	-1.12	39.37	74.00	-34.63	peak
2	7311.000	38.28	6.11	44.39	74.00	-29.61	peak

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.

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



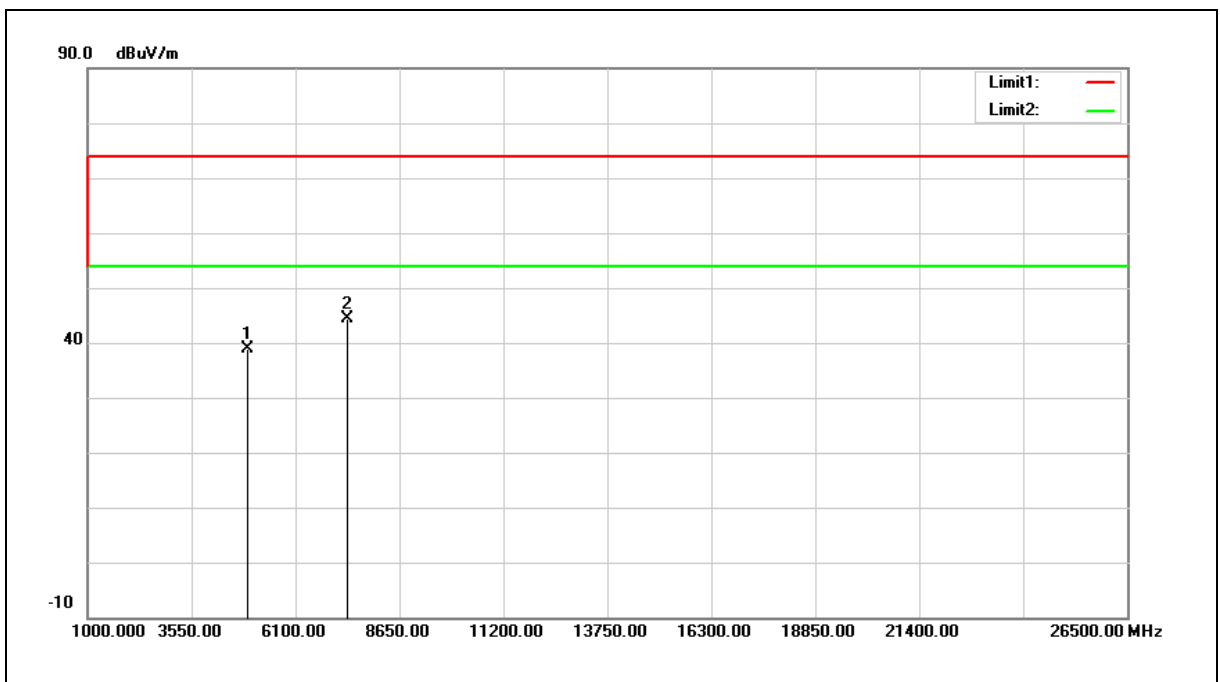
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	39.95	-0.99	38.96	74.00	-35.04	peak
2	7386.000	37.53	6.38	43.91	74.00	-30.09	peak

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

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

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

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



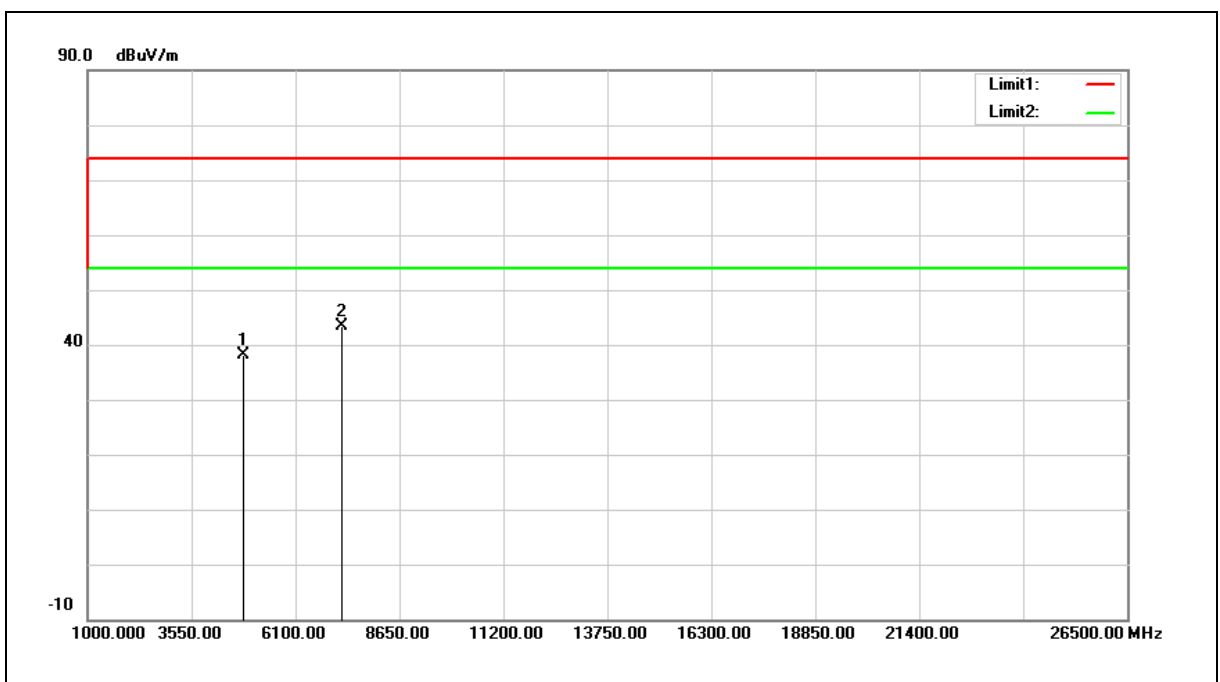
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	39.88	-0.99	38.89	74.00	-35.11	peak
2	7386.000	37.90	6.38	44.28	74.00	-29.72	peak

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

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

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

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



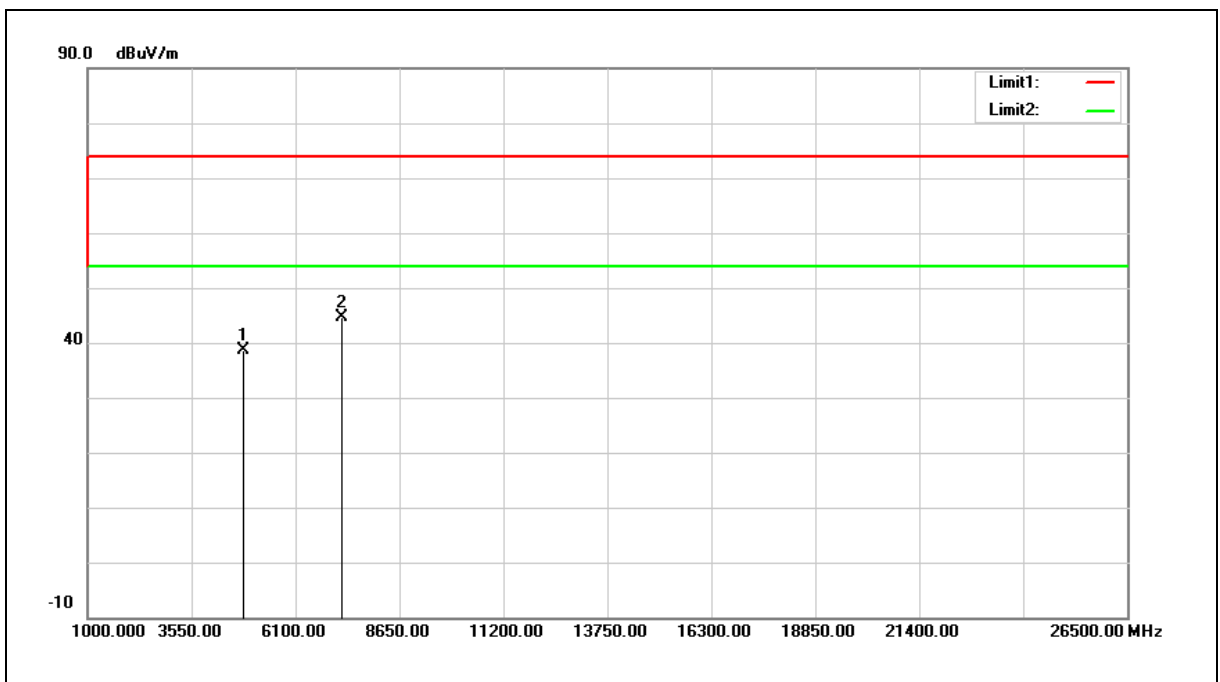
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.49	-1.25	38.24	74.00	-35.76	peak
2	7236.000	37.50	5.85	43.35	74.00	-30.65	peak

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

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

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

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



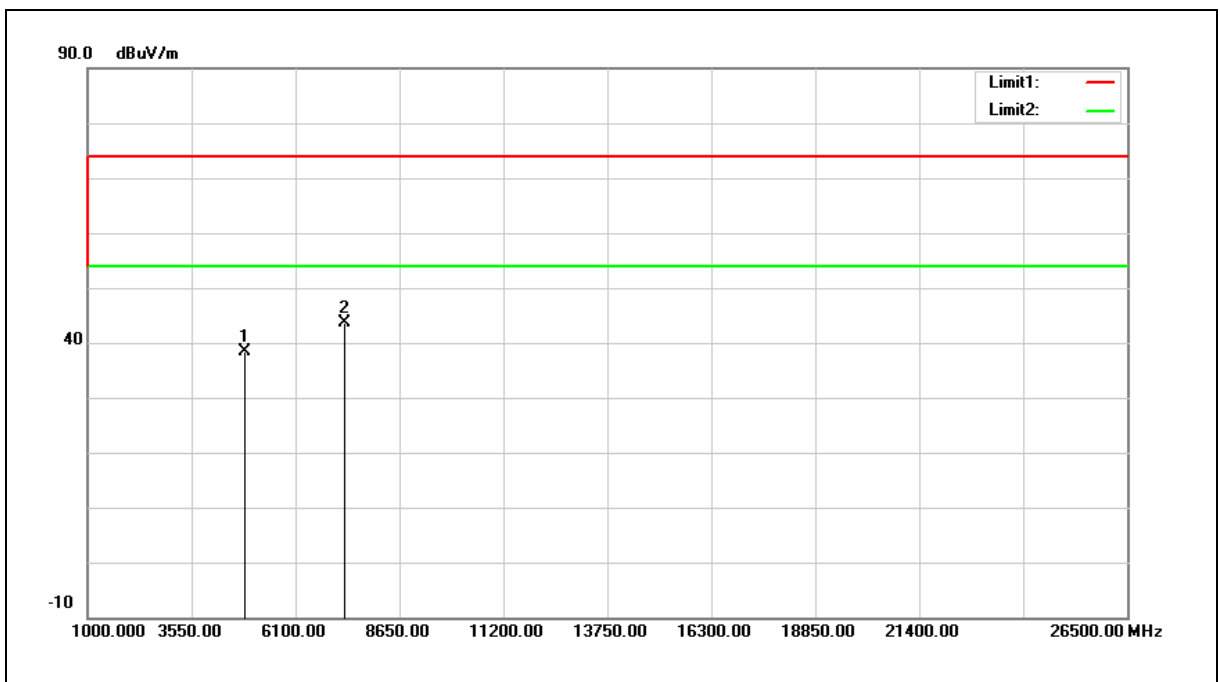
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.96	-1.25	38.71	74.00	-35.29	peak
2	7236.000	38.83	5.85	44.68	74.00	-29.32	peak

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

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

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

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



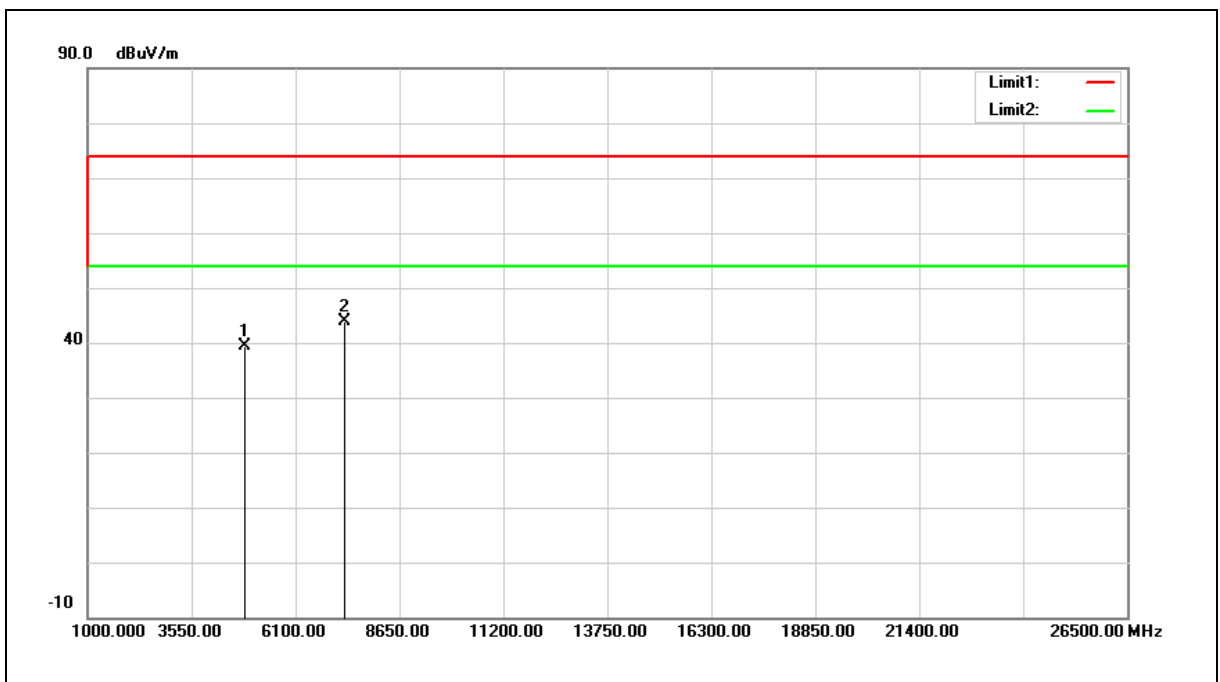
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.44	-1.12	38.32	74.00	-35.68	peak
2	7311.000	37.48	6.11	43.59	74.00	-30.41	peak

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

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

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

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



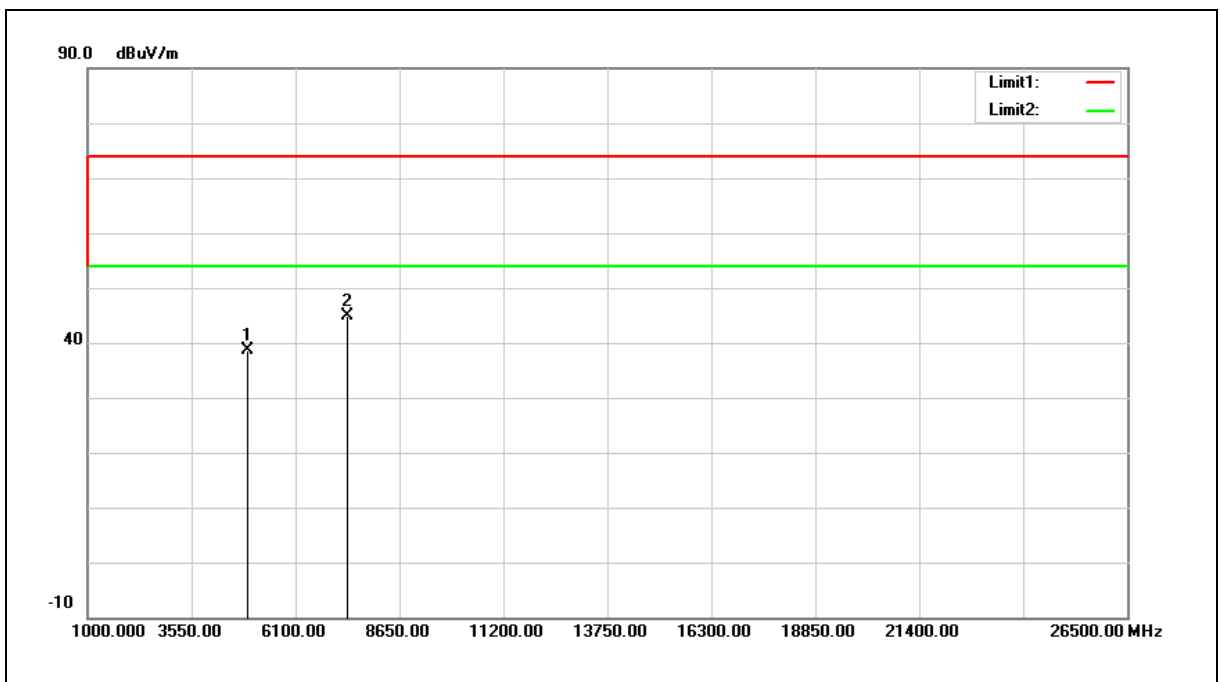
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.58	-1.12	39.46	74.00	-34.54	peak
2	7311.000	37.69	6.11	43.80	74.00	-30.20	peak

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

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

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

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



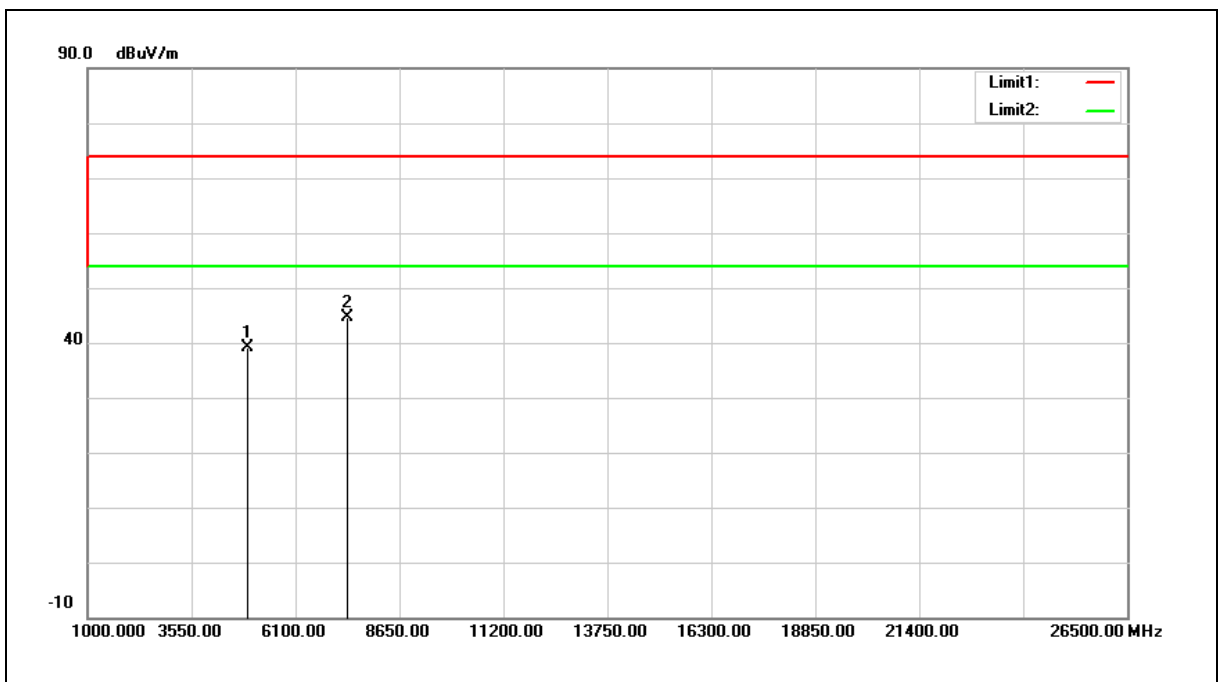
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	39.65	-0.99	38.66	74.00	-35.34	peak
2	7386.000	38.51	6.38	44.89	74.00	-29.11	peak

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

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

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

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



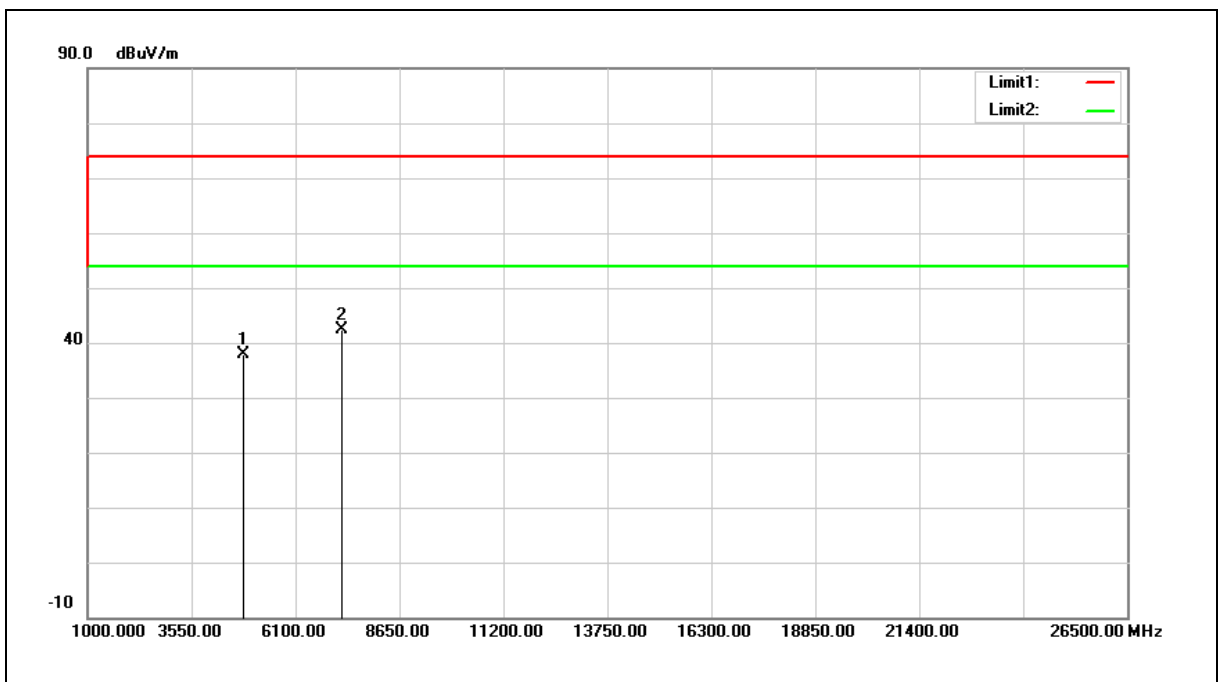
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.02	-0.99	39.03	74.00	-34.97	peak
2	7386.000	38.17	6.38	44.55	74.00	-29.45	peak

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

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

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

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



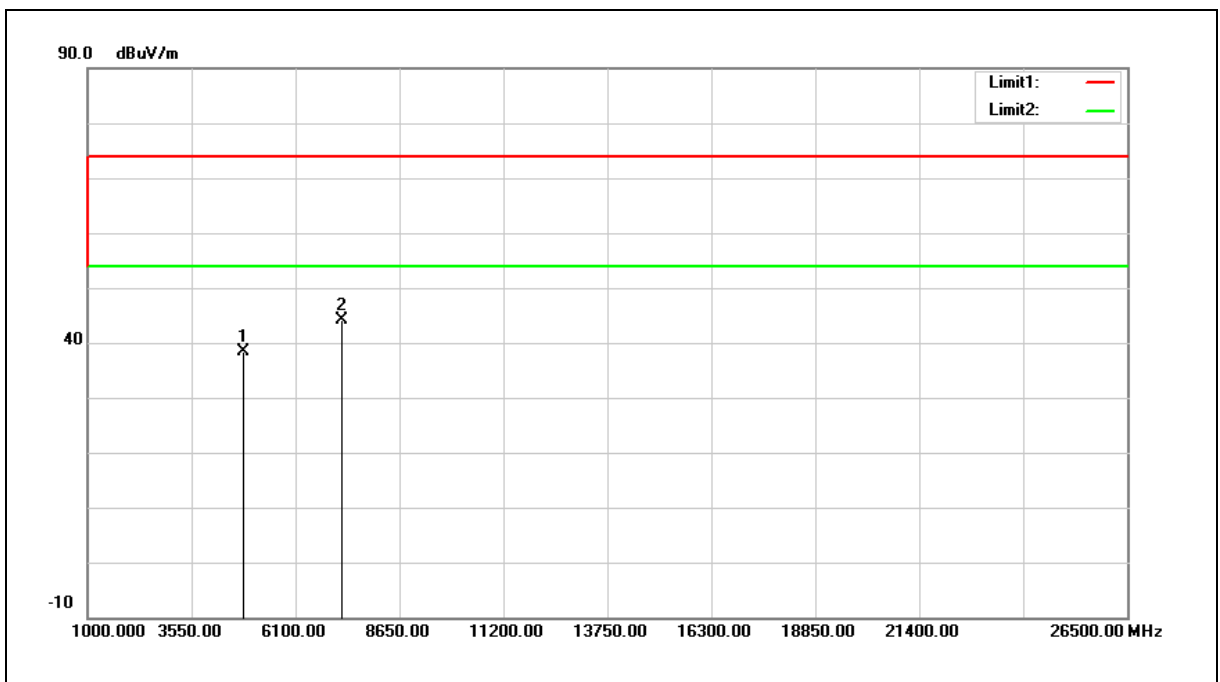
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.11	-1.25	37.86	74.00	-36.14	peak
2	7236.000	36.49	5.85	42.34	74.00	-31.66	peak

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

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

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

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



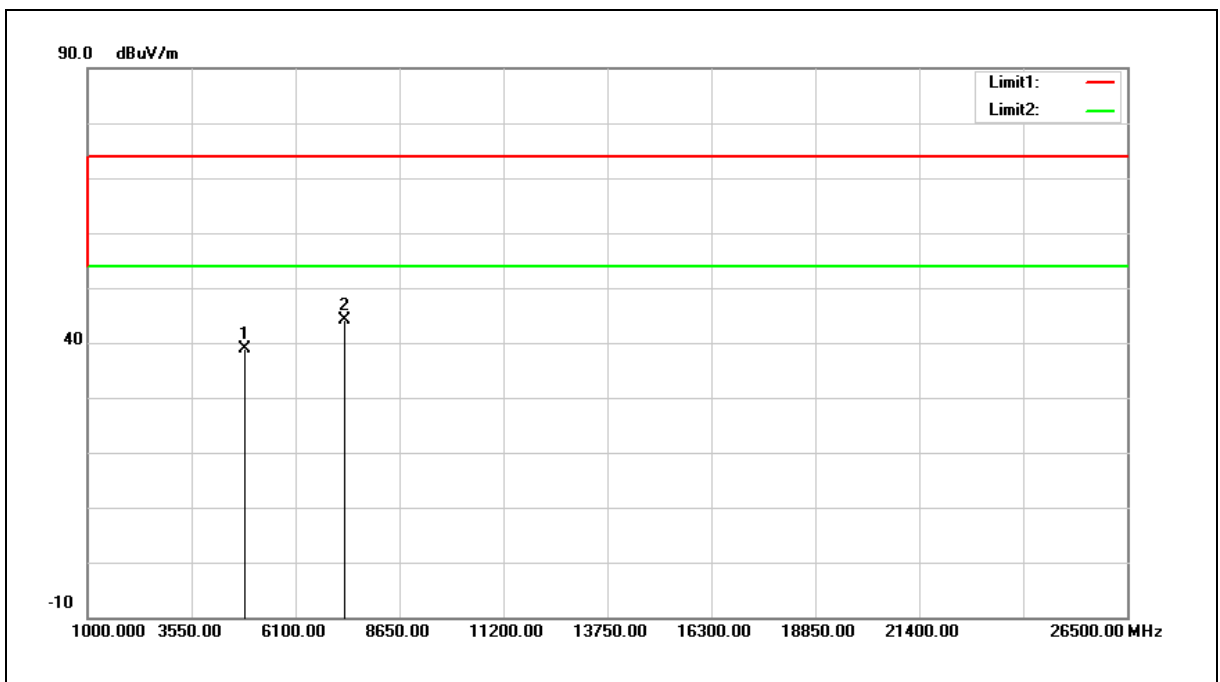
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.58	-1.25	38.33	74.00	-35.67	peak
2	7236.000	38.17	5.85	44.02	74.00	-29.98	peak

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

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

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

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



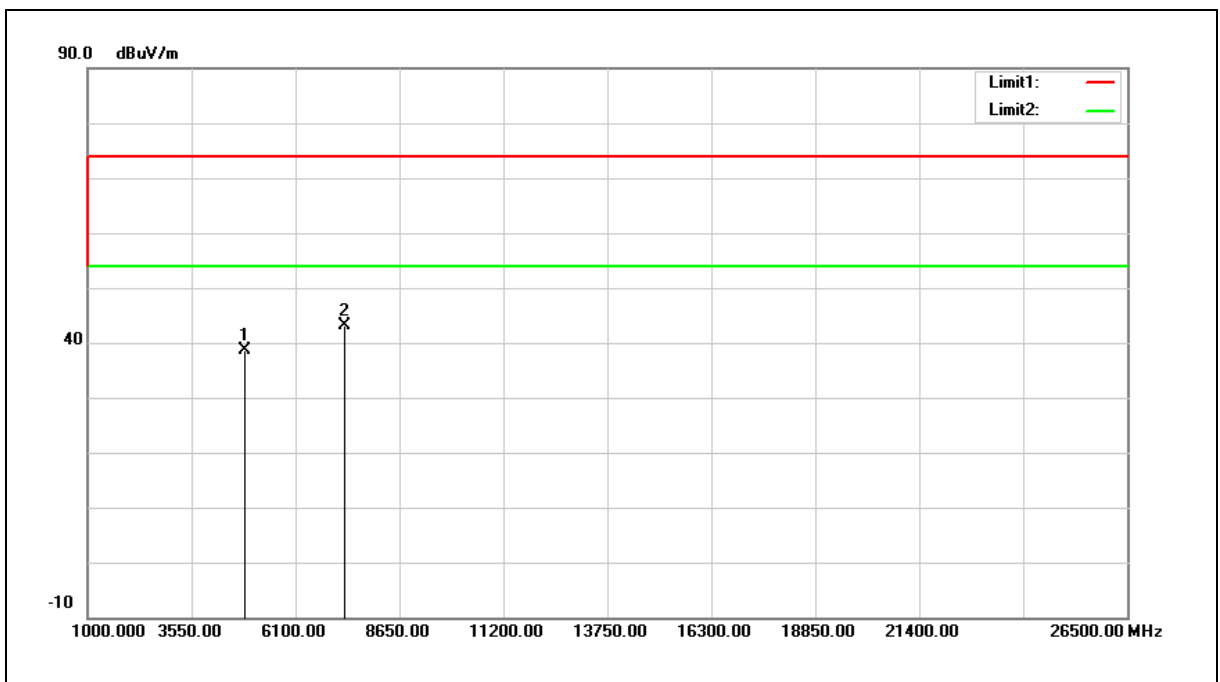
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.97	-1.12	38.85	74.00	-35.15	peak
2	7311.000	37.95	6.11	44.06	74.00	-29.94	peak

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

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

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

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



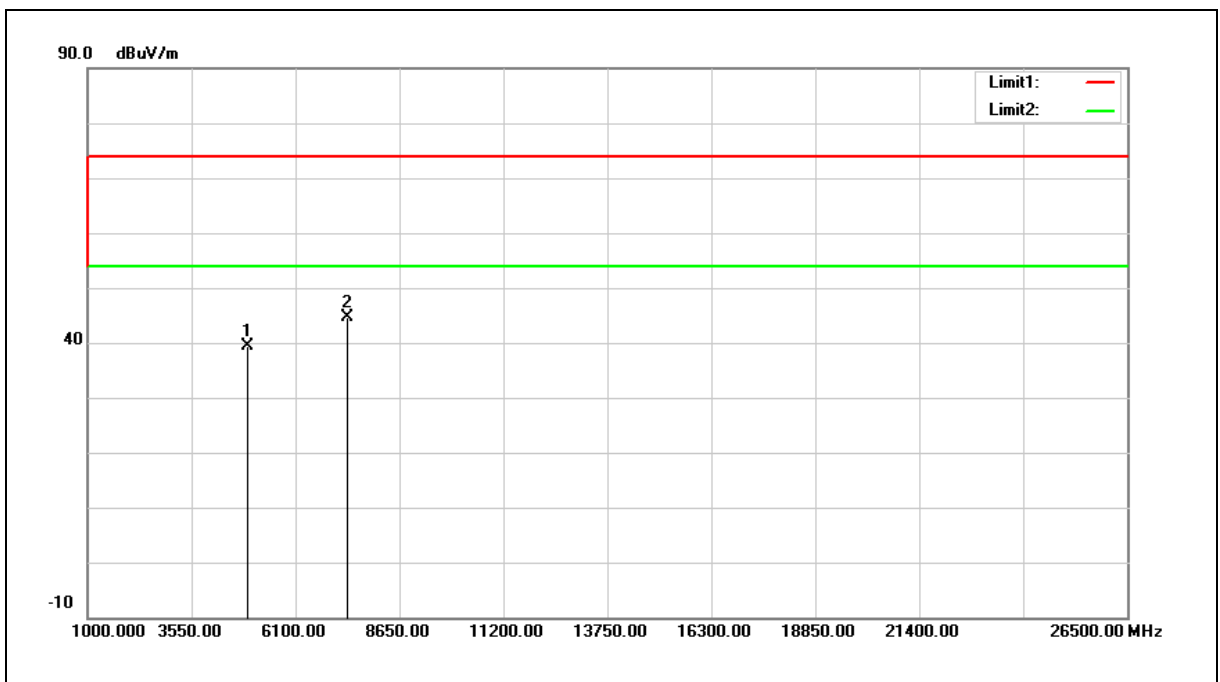
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.71	-1.12	38.59	74.00	-35.41	peak
2	7311.000	36.97	6.11	43.08	74.00	-30.92	peak

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

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

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

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



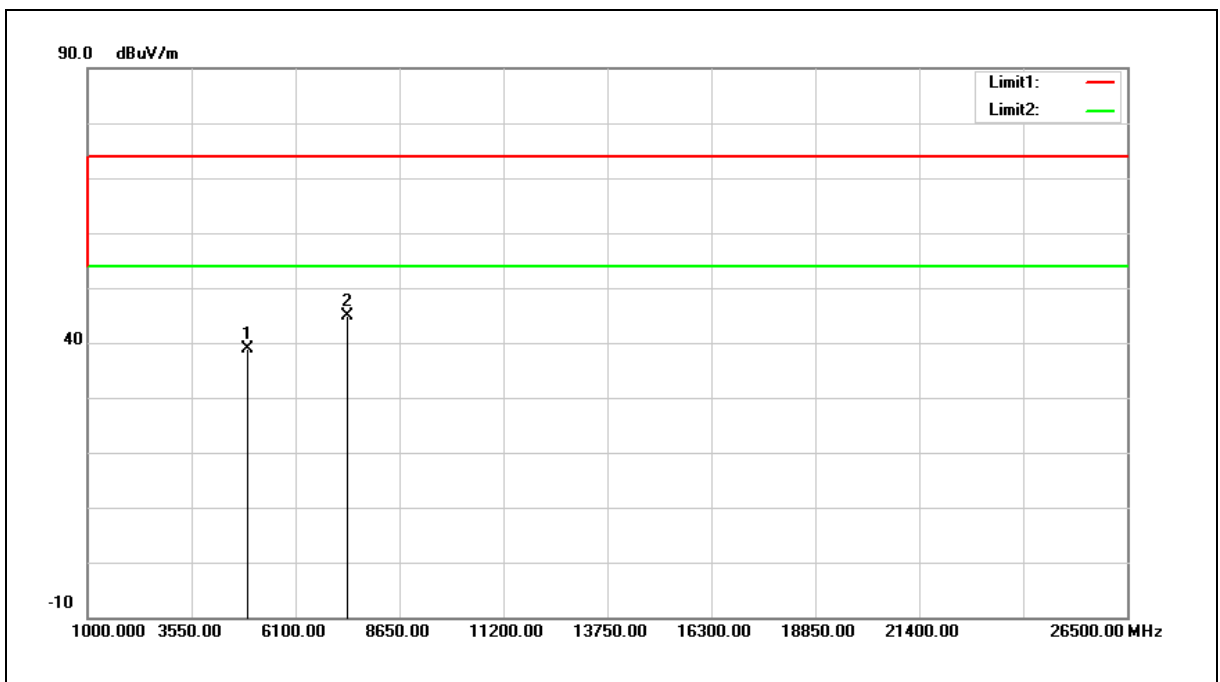
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.27	-0.99	39.28	74.00	-34.72	peak
2	7386.000	38.31	6.38	44.69	74.00	-29.31	peak

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.

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



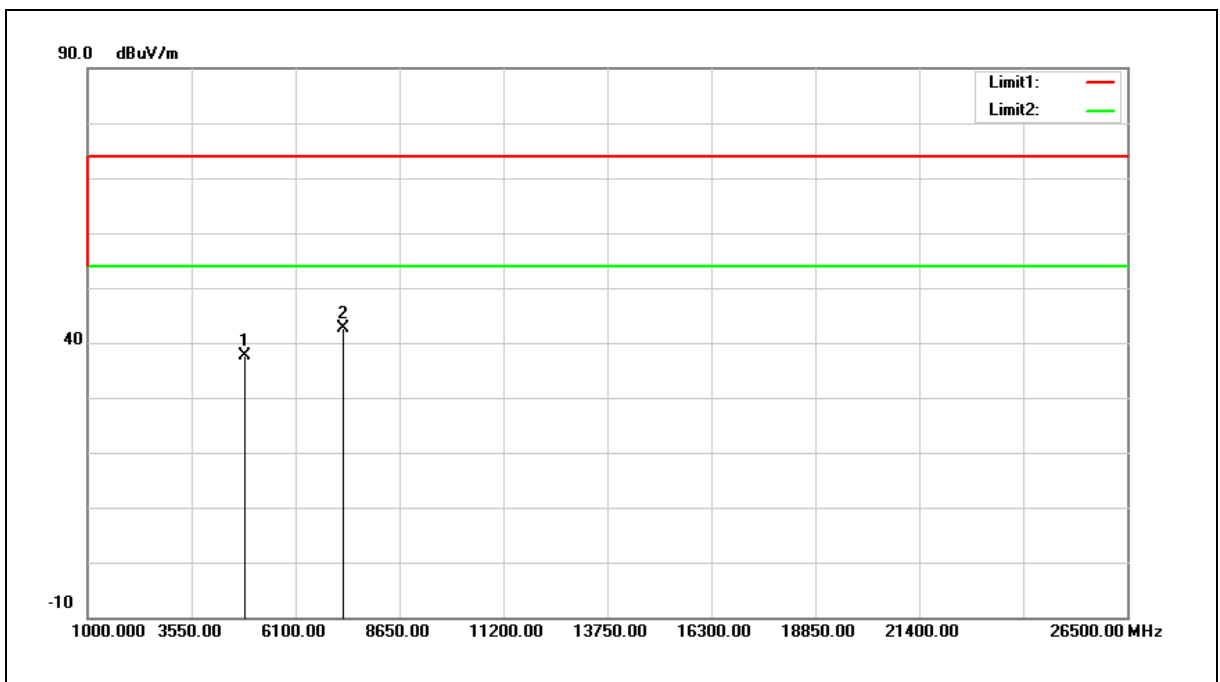
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	39.81	-0.99	38.82	74.00	-35.18	peak
2	7386.000	38.39	6.38	44.77	74.00	-29.23	peak

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

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

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

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



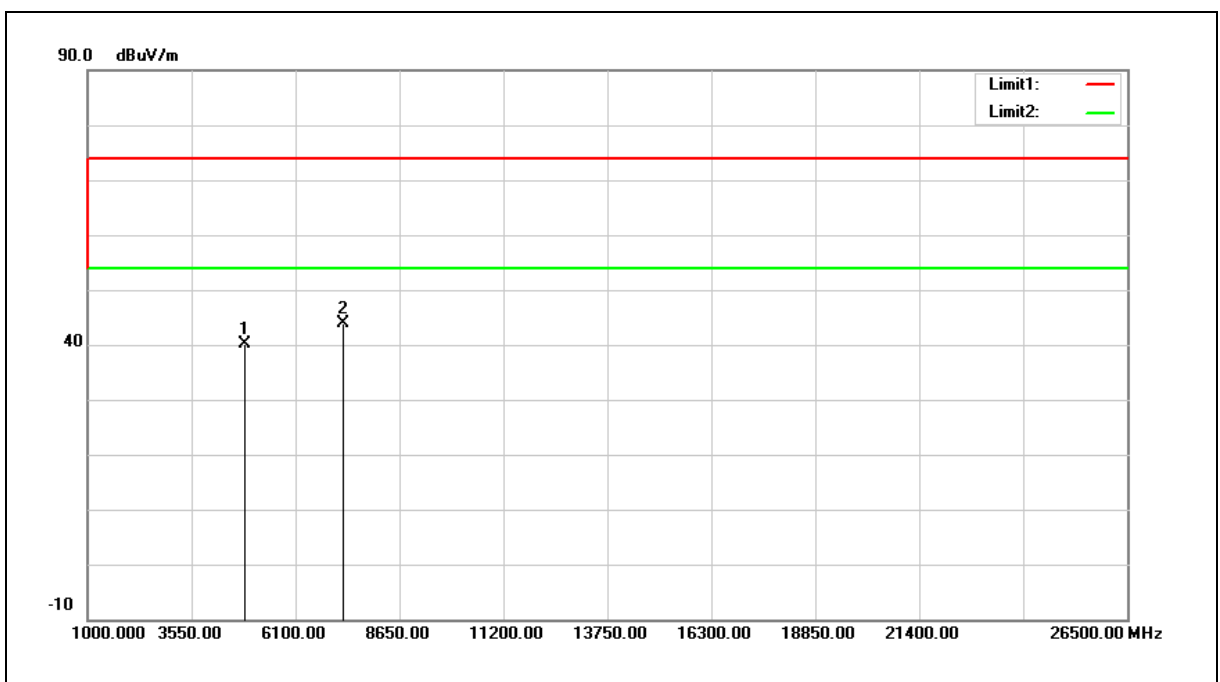
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	38.93	-1.19	37.74	74.00	-36.26	peak
2	7266.000	36.74	5.95	42.69	74.00	-31.31	peak

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.

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



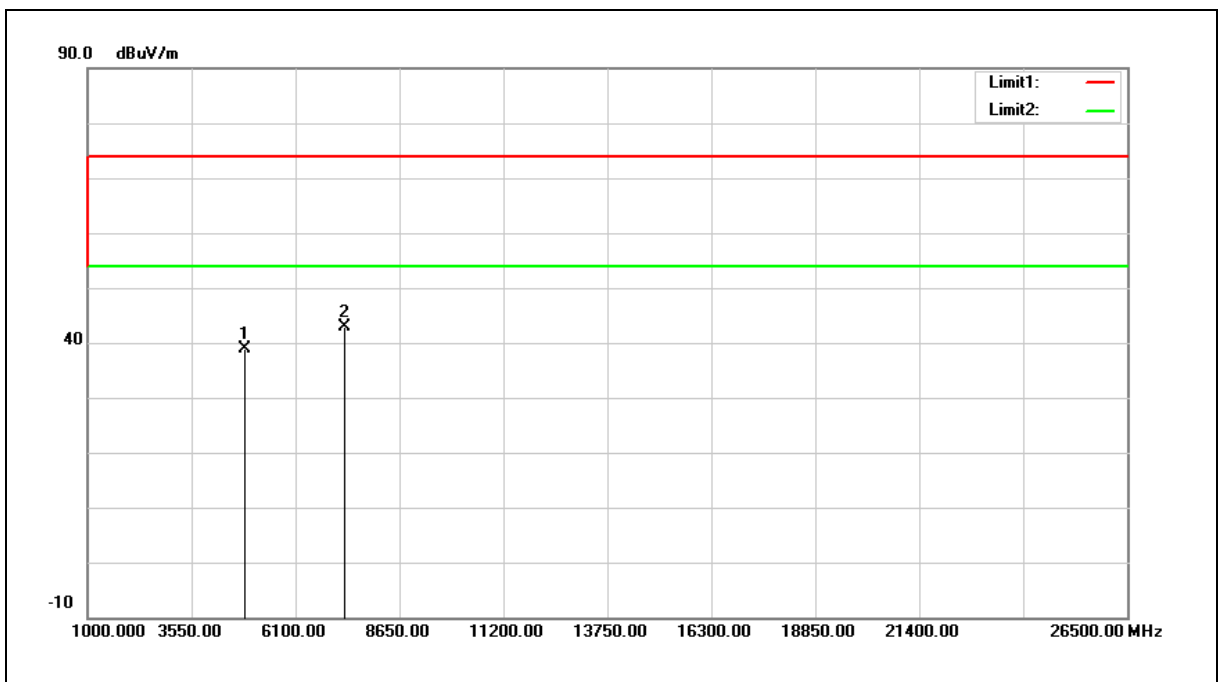
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	41.21	-1.19	40.02	74.00	-33.98	peak
2	7266.000	38.00	5.95	43.95	74.00	-30.05	peak

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

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

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

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



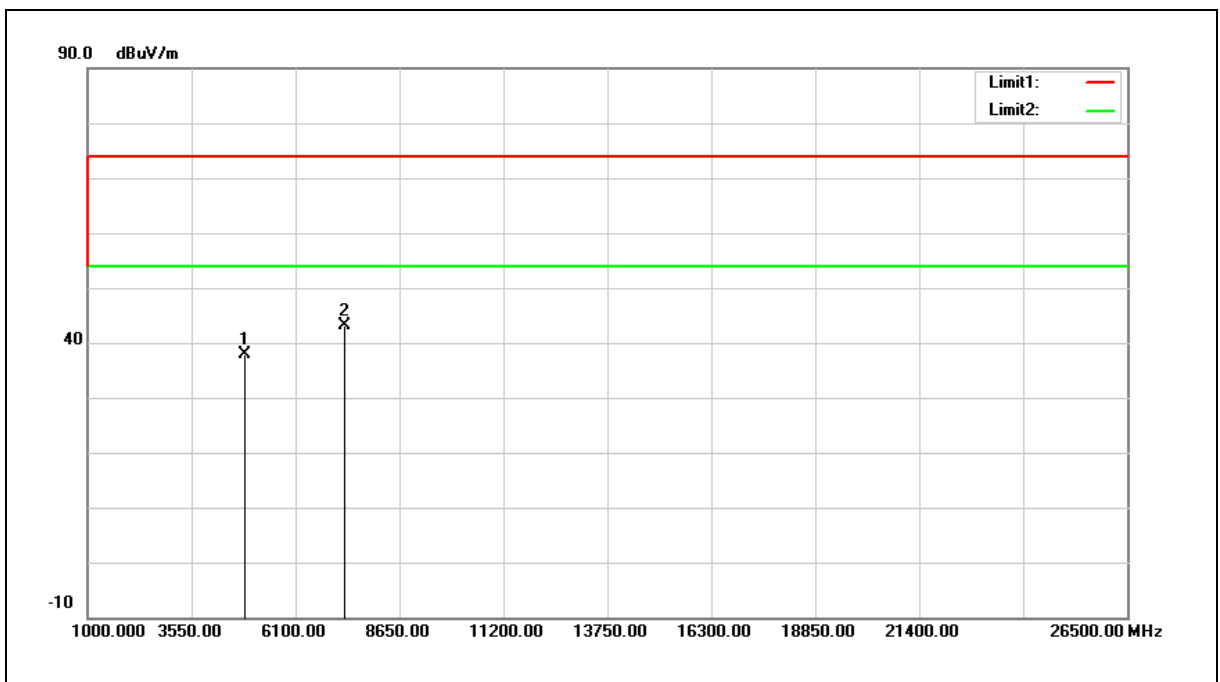
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.01	-1.12	38.89	74.00	-35.11	peak
2	7311.000	36.75	6.11	42.86	74.00	-31.14	peak

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.

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



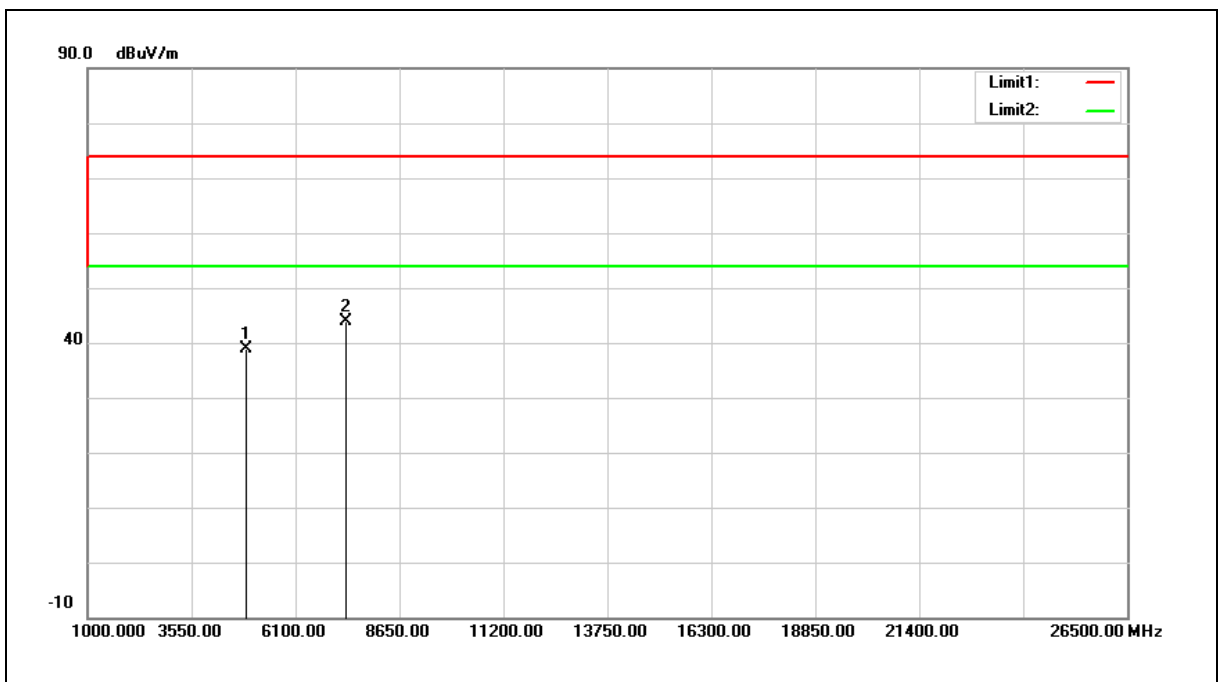
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.09	-1.12	37.97	74.00	-36.03	peak
2	7311.000	37.13	6.11	43.24	74.00	-30.76	peak

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

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

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

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



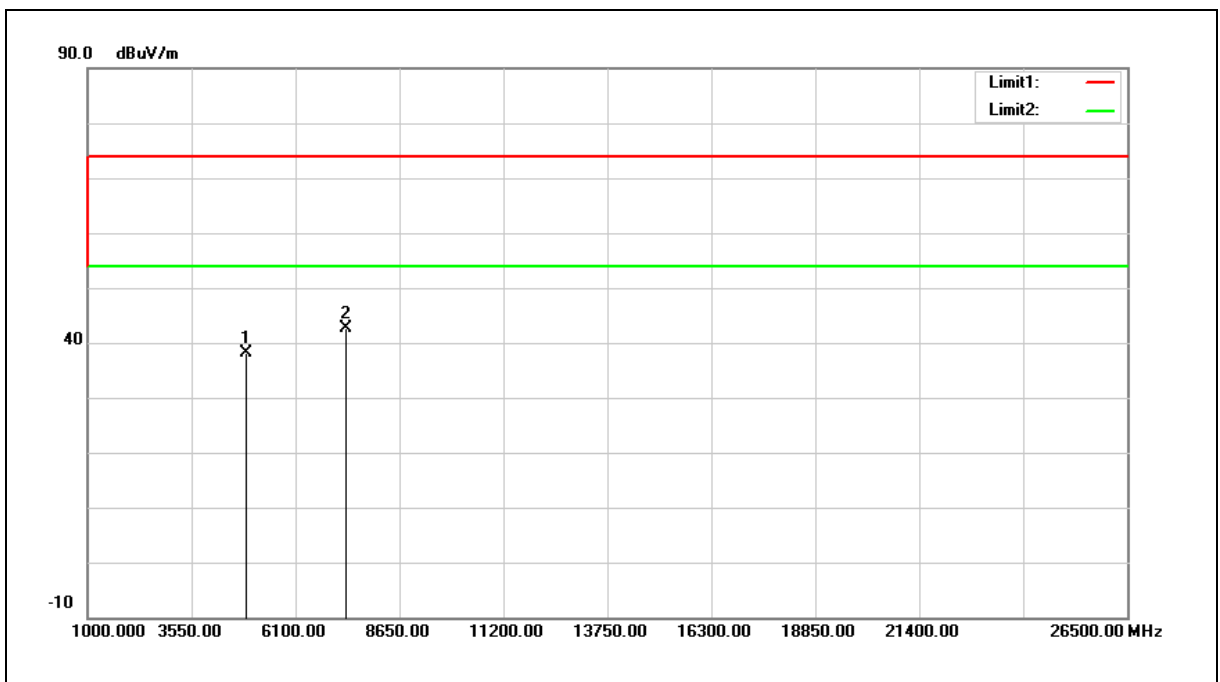
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	40.01	-1.04	38.97	74.00	-35.03	peak
2	7356.000	37.58	6.27	43.85	74.00	-30.15	peak

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

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

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

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



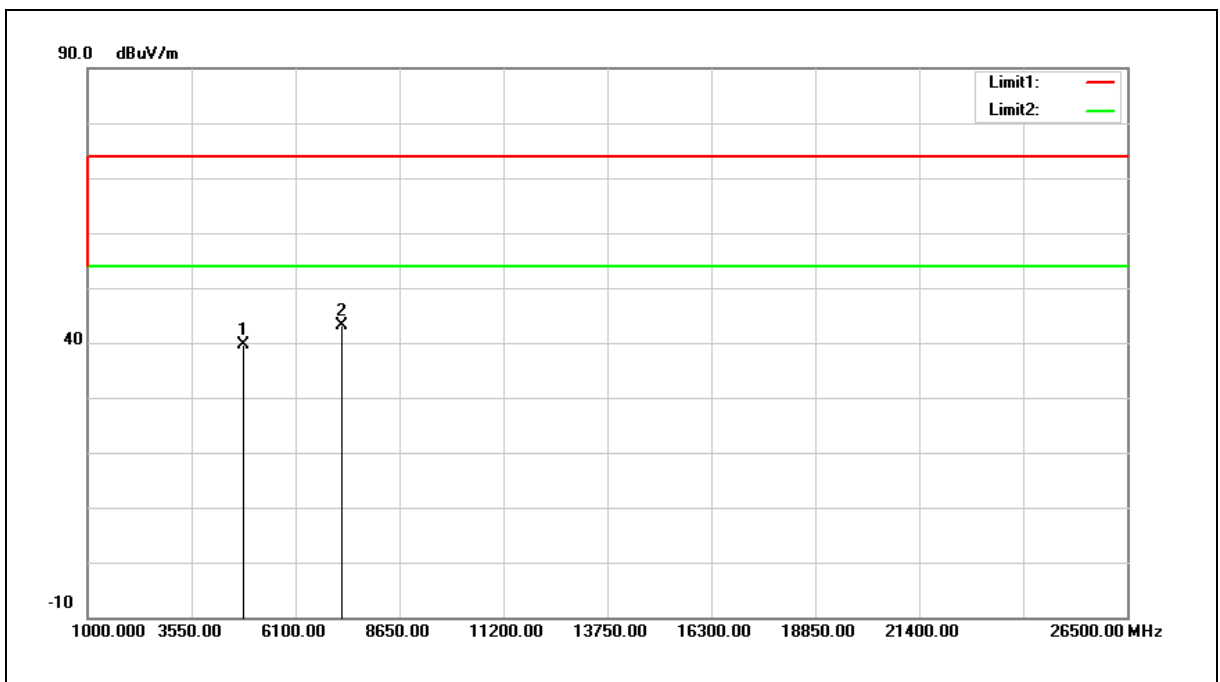
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	39.09	-1.04	38.05	74.00	-35.95	peak
2	7356.000	36.38	6.27	42.65	74.00	-31.35	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



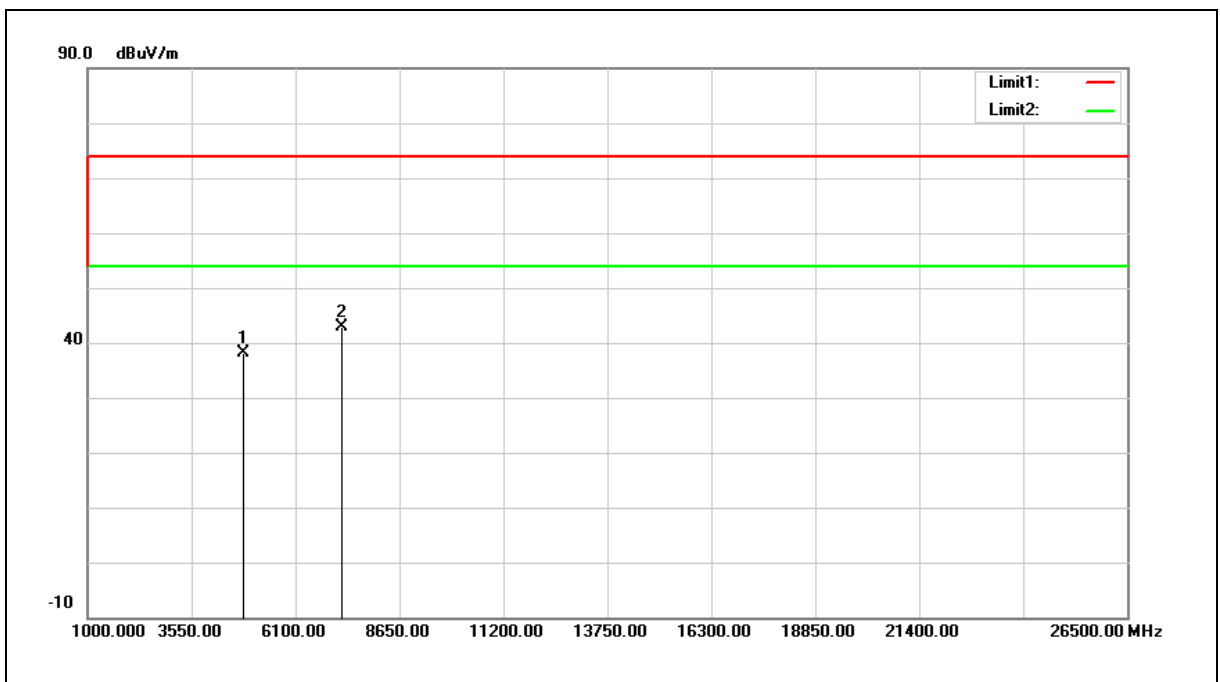
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	40.89	-1.25	39.64	74.00	-34.36	peak
2	7236.000	37.34	5.85	43.19	74.00	-30.81	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2412MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



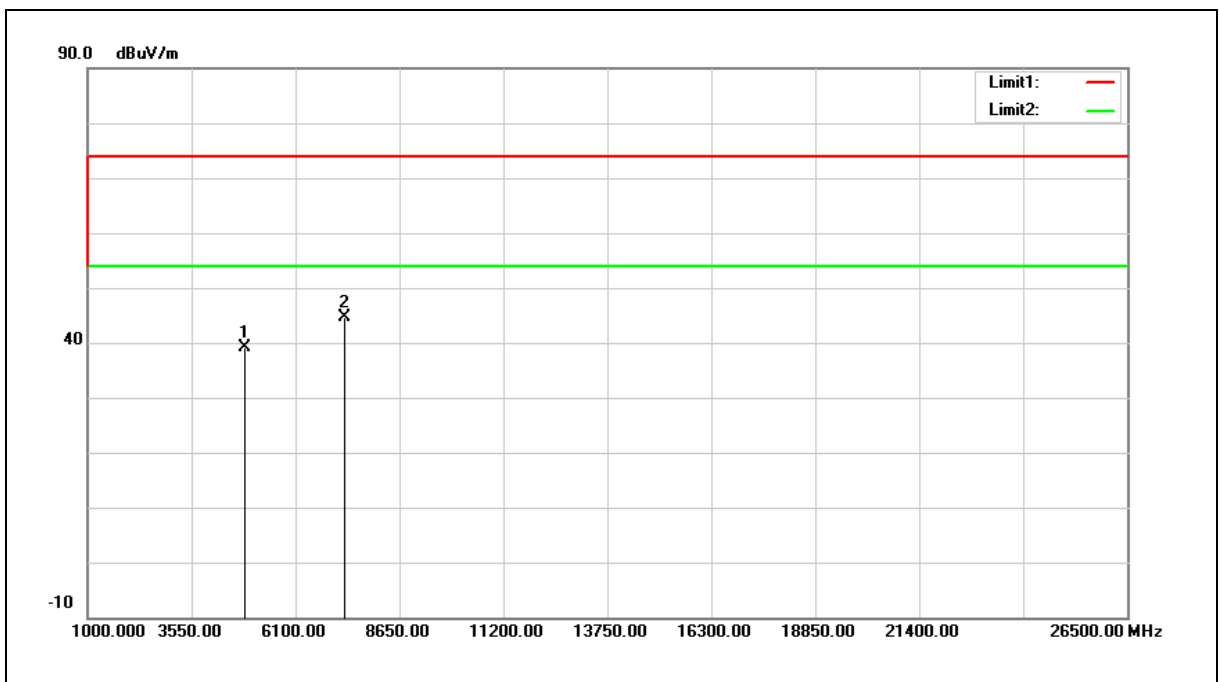
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	39.49	-1.25	38.24	74.00	-35.76	peak
2	7236.000	37.13	5.85	42.98	74.00	-31.02	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



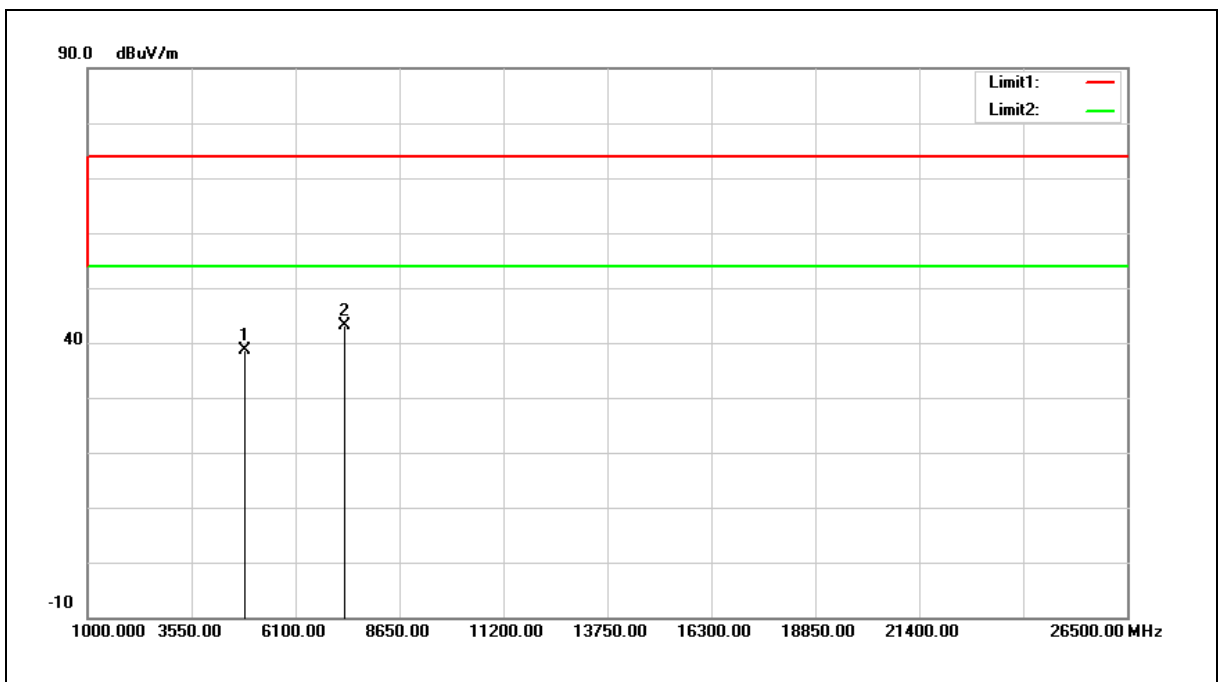
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.15	-1.12	39.03	74.00	-34.97	peak
2	7311.000	38.53	6.11	44.64	74.00	-29.36	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



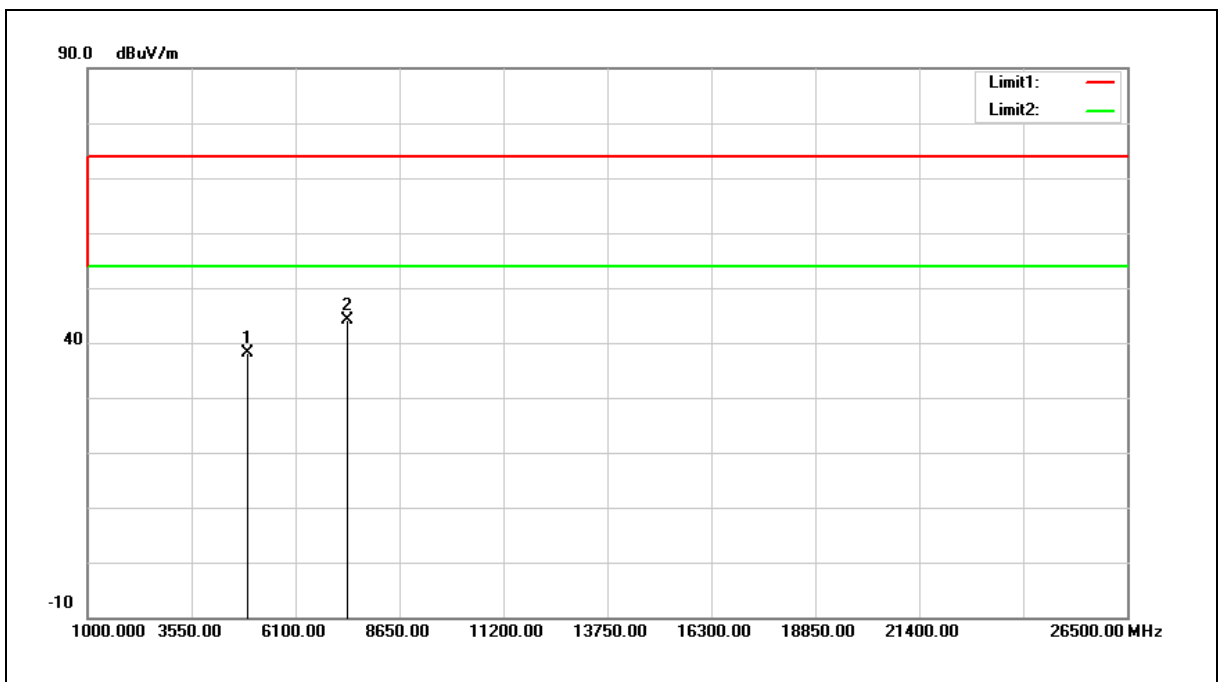
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.68	-1.12	38.56	74.00	-35.44	peak
2	7311.000	37.02	6.11	43.13	74.00	-30.87	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



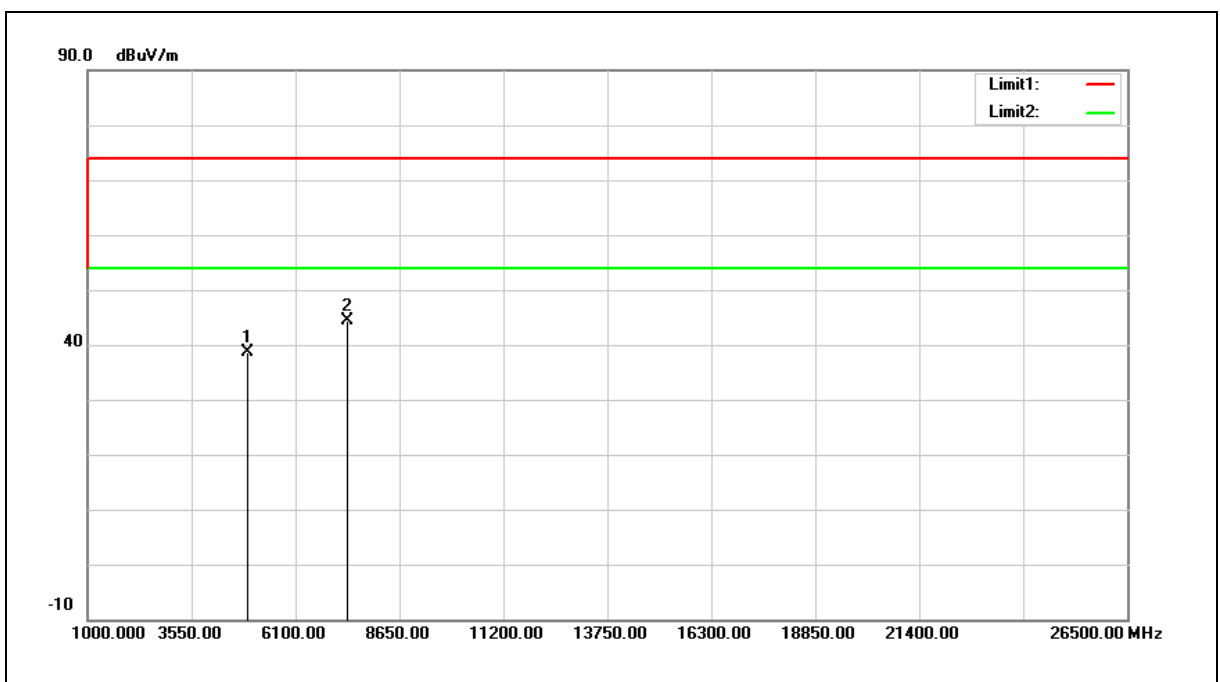
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	39.20	-0.99	38.21	74.00	-35.79	peak
2	7386.000	37.77	6.38	44.15	74.00	-29.85	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2462MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



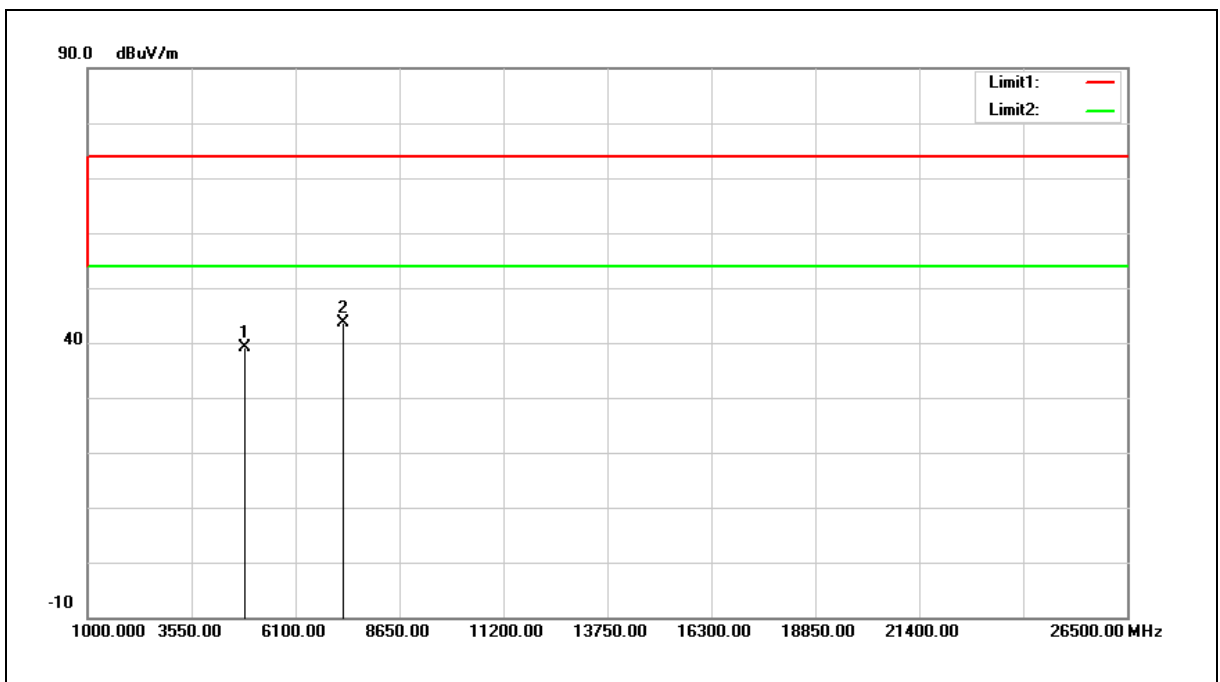
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	39.55	-0.99	38.56	74.00	-35.44	peak
2	7386.000	38.02	6.38	44.40	74.00	-29.60	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2422MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



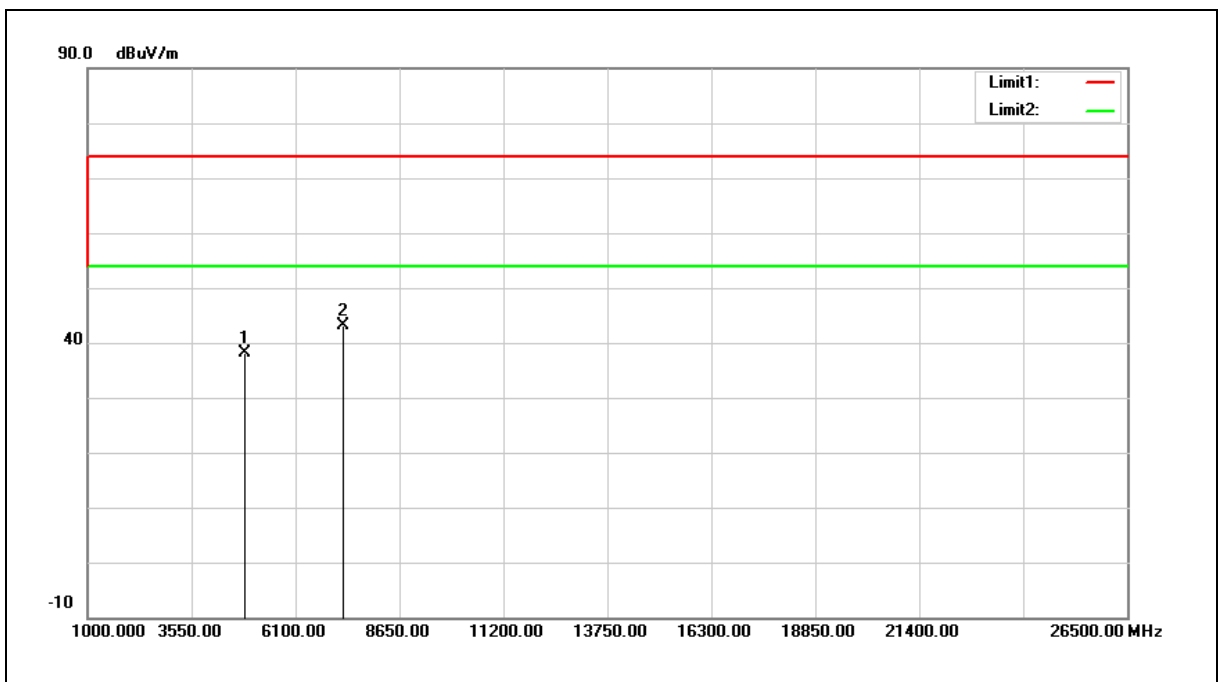
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	40.36	-1.19	39.17	74.00	-34.83	peak
2	7266.000	37.66	5.95	43.61	74.00	-30.39	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2422MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



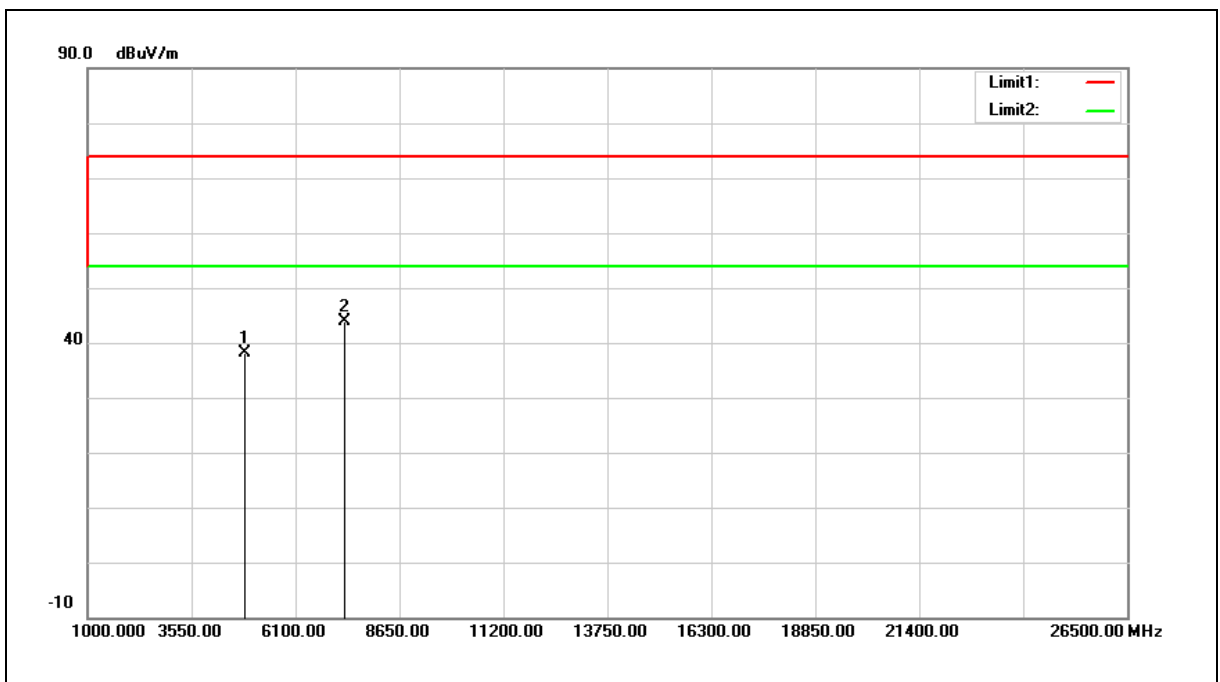
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	39.40	-1.19	38.21	74.00	-35.79	peak
2	7266.000	37.12	5.95	43.07	74.00	-30.93	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



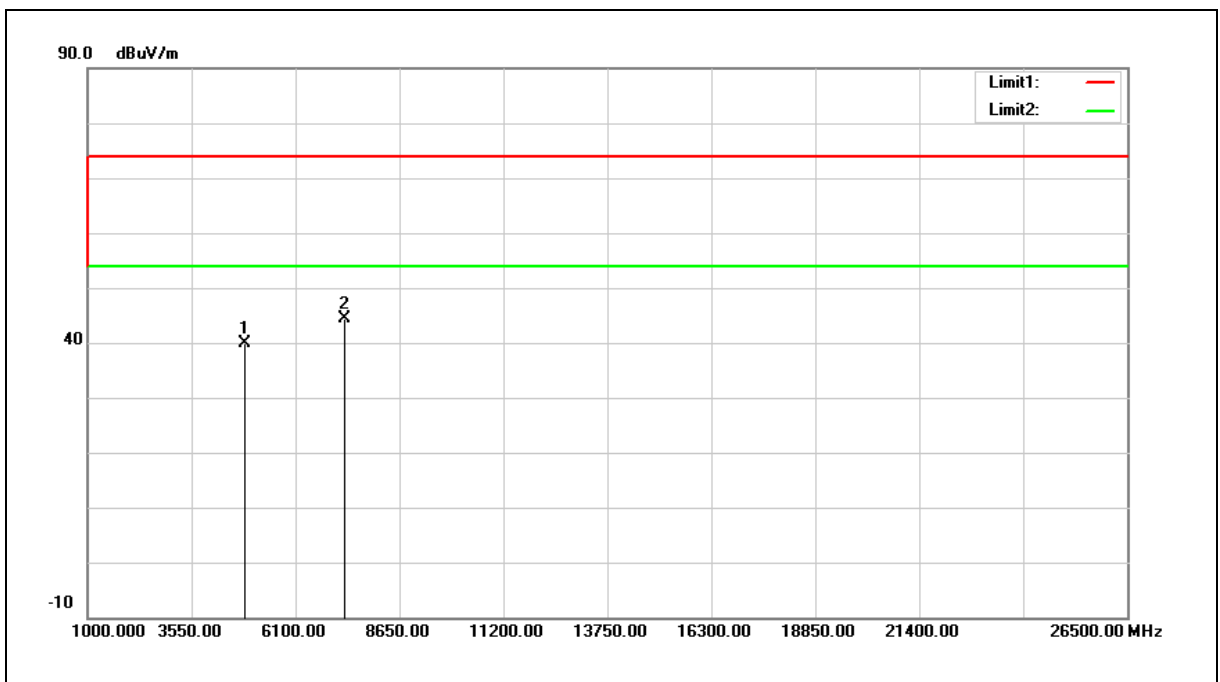
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	39.17	-1.12	38.05	74.00	-35.95	peak
2	7311.000	37.67	6.11	43.78	74.00	-30.22	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2437MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



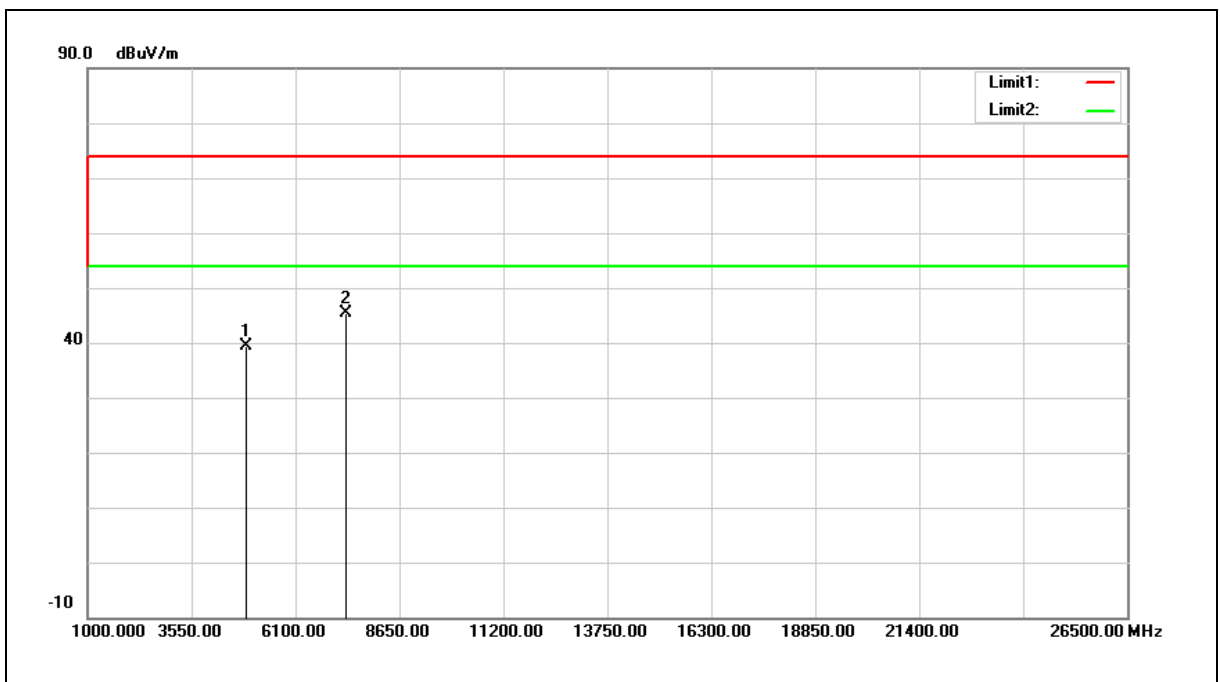
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	40.94	-1.12	39.82	74.00	-34.18	peak
2	7311.000	38.19	6.11	44.30	74.00	-29.70	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2452MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



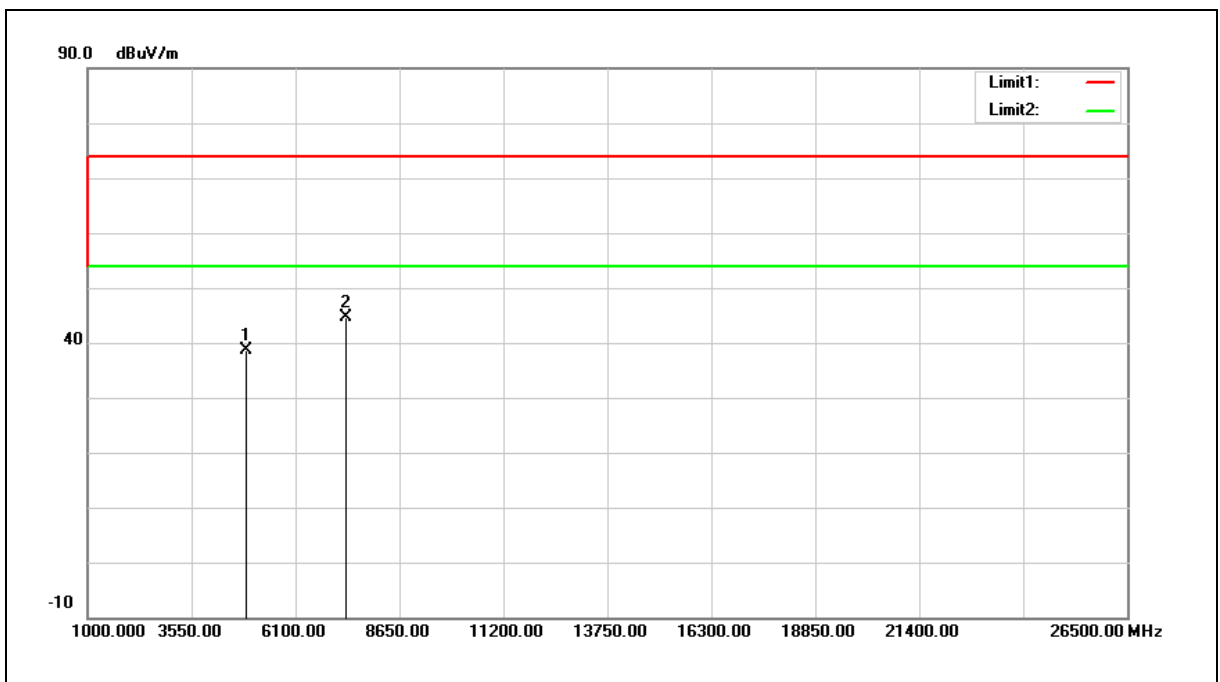
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	40.49	-1.04	39.45	74.00	-34.55	peak
2	7356.000	39.03	6.27	45.30	74.00	-28.70	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2452MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



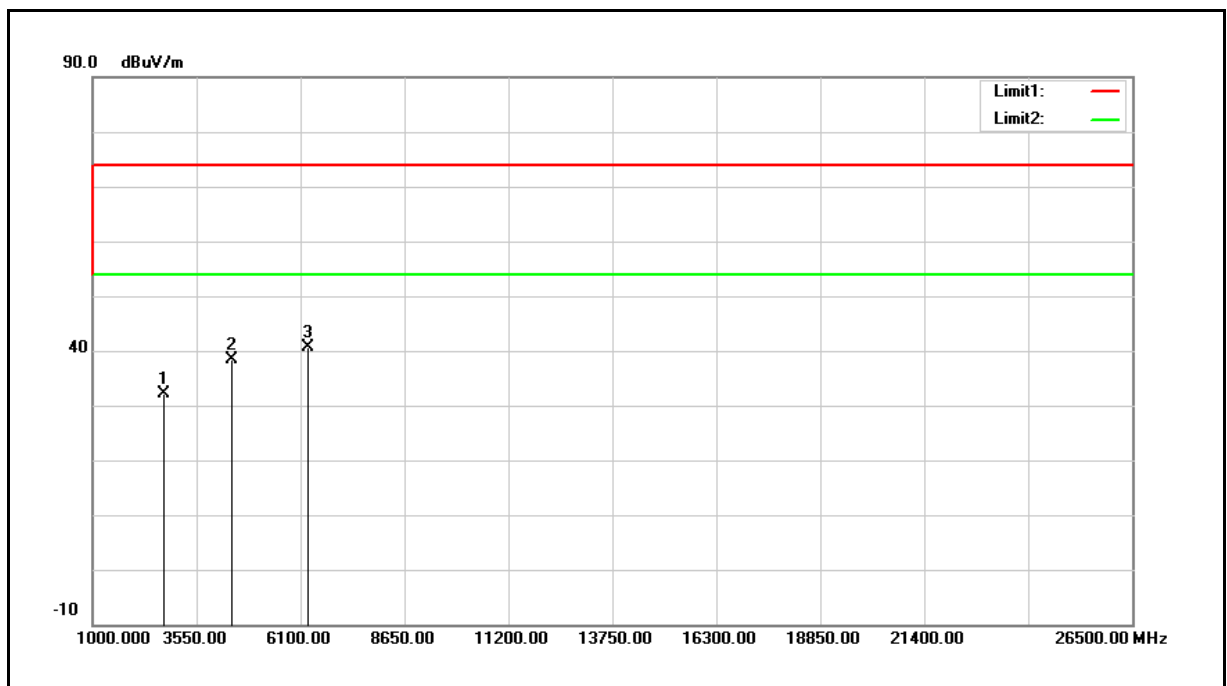
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	39.68	-1.04	38.64	74.00	-35.36	peak
2	7356.000	38.34	6.27	44.61	74.00	-29.39	peak

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

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

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

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



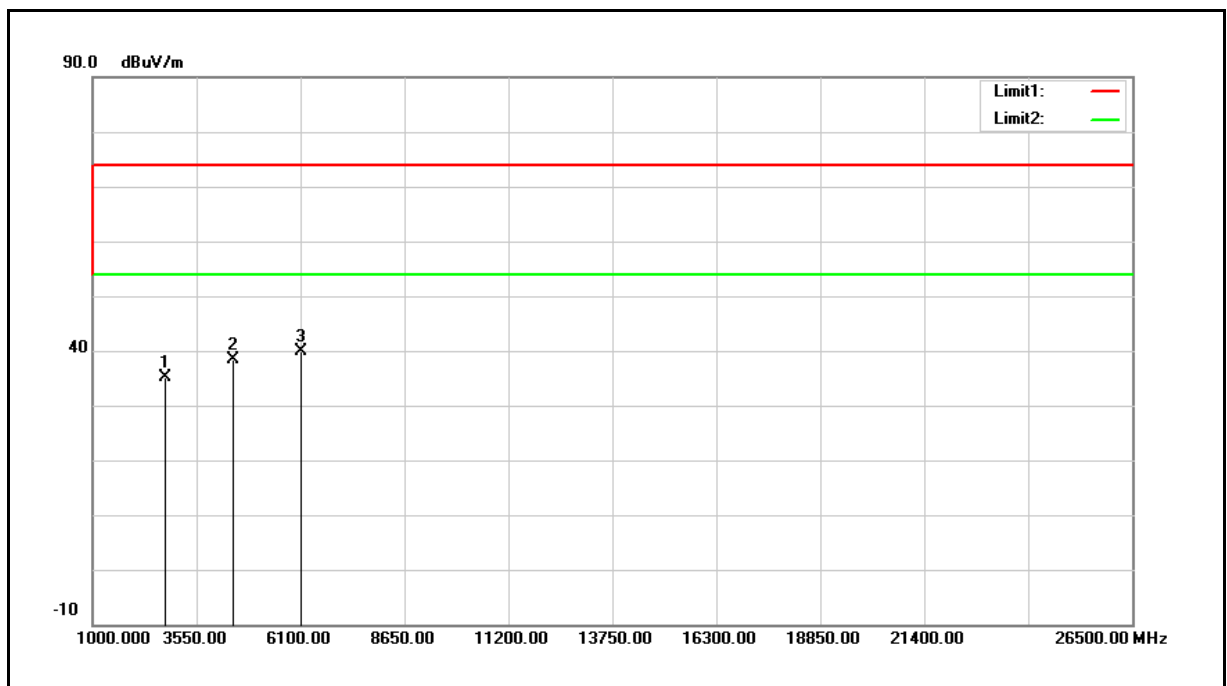
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	38.41	-6.25	32.16	74.00	-41.84	peak
2	4417.000	40.79	-2.36	38.43	74.00	-35.57	peak
3	6270.000	38.22	2.53	40.75	74.00	-33.25	peak

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

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

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

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



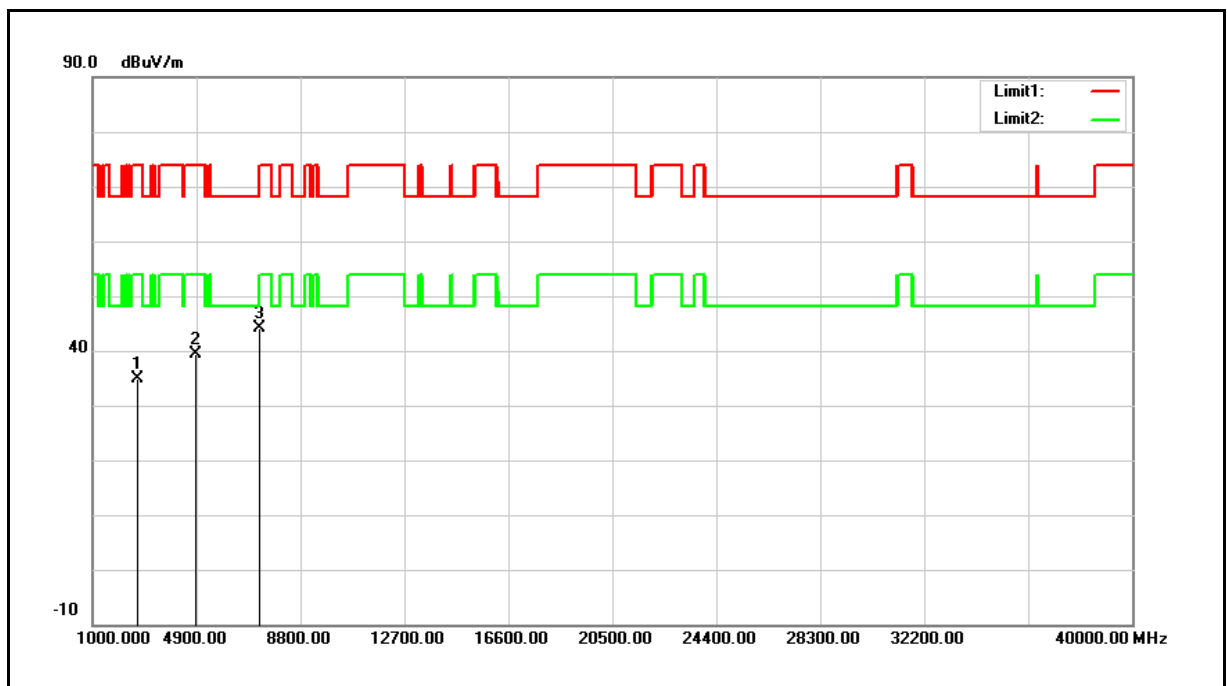
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2785.000	41.13	-6.11	35.02	74.00	-38.98	peak
2	4434.000	40.67	-2.33	38.34	74.00	-35.66	peak
3	6117.000	37.87	1.99	39.86	74.00	-34.14	peak

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.

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



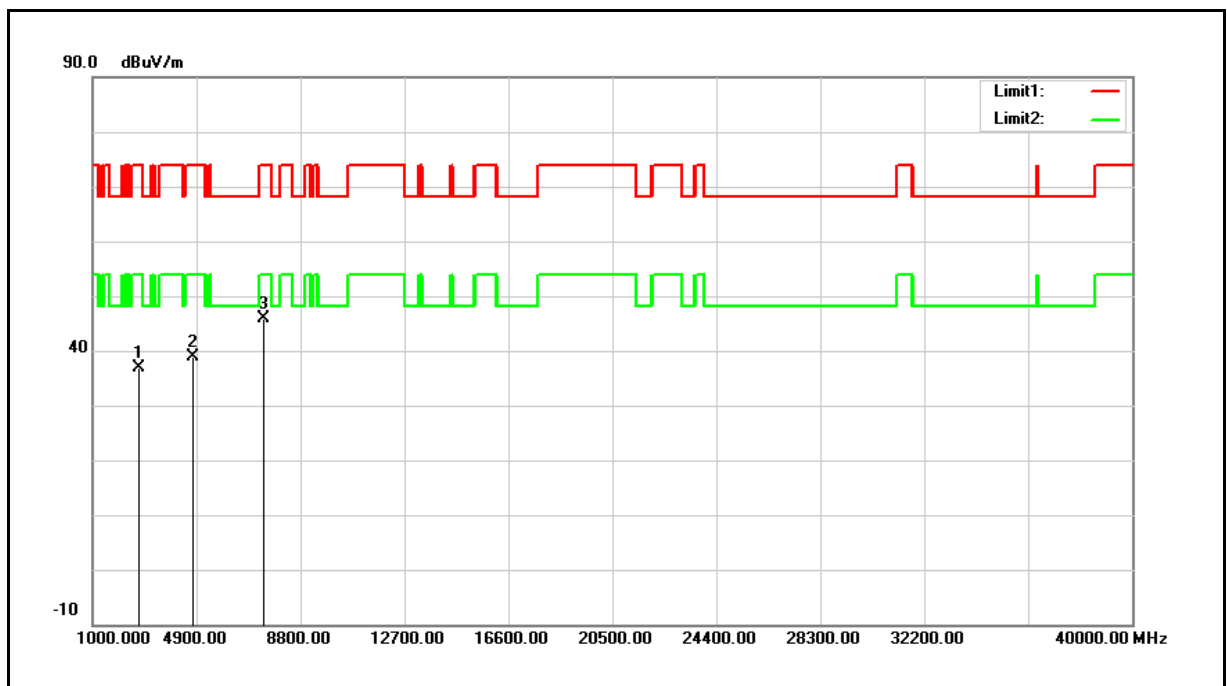
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2649.000	41.64	-6.66	34.98	74.00	-39.02	peak
2	4825.000	40.63	-1.24	39.39	74.00	-34.61	peak
3	7256.000	38.11	5.92	44.03	74.00	-29.97	peak

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.

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



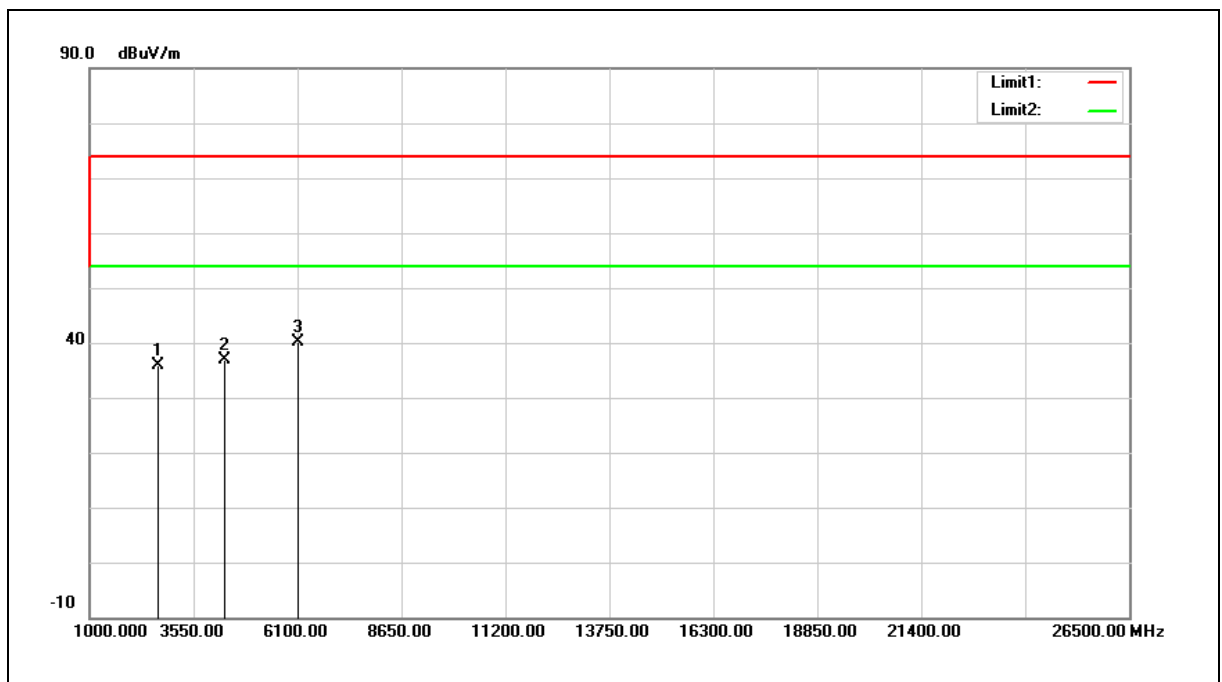
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2717.000	43.32	-6.39	36.93	74.00	-37.07	peak
2	4757.000	40.40	-1.44	38.96	74.00	-35.04	peak
3	7392.000	39.48	6.40	45.88	74.00	-28.12	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 19		
Ant.Polar.:	Horizontal		
Description:			



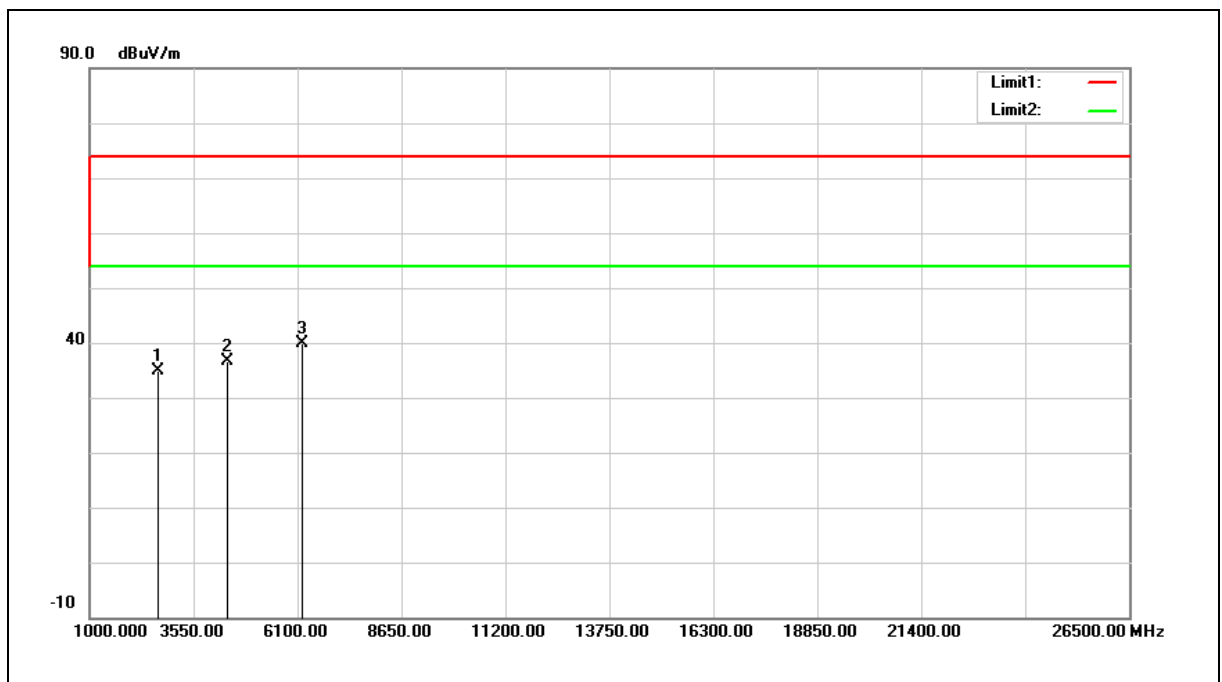
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2666.000	42.54	-6.60	35.94	74.00	-38.06	peak
2	4298.000	39.54	-2.69	36.85	74.00	-37.15	peak
3	6083.000	38.19	1.86	40.05	74.00	-33.95	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Mode 19		
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2683.000	41.29	-6.53	34.76	74.00	-39.24	peak
2	4383.000	39.19	-2.46	36.73	74.00	-37.27	peak
3	6219.000	37.56	2.35	39.91	74.00	-34.09	peak

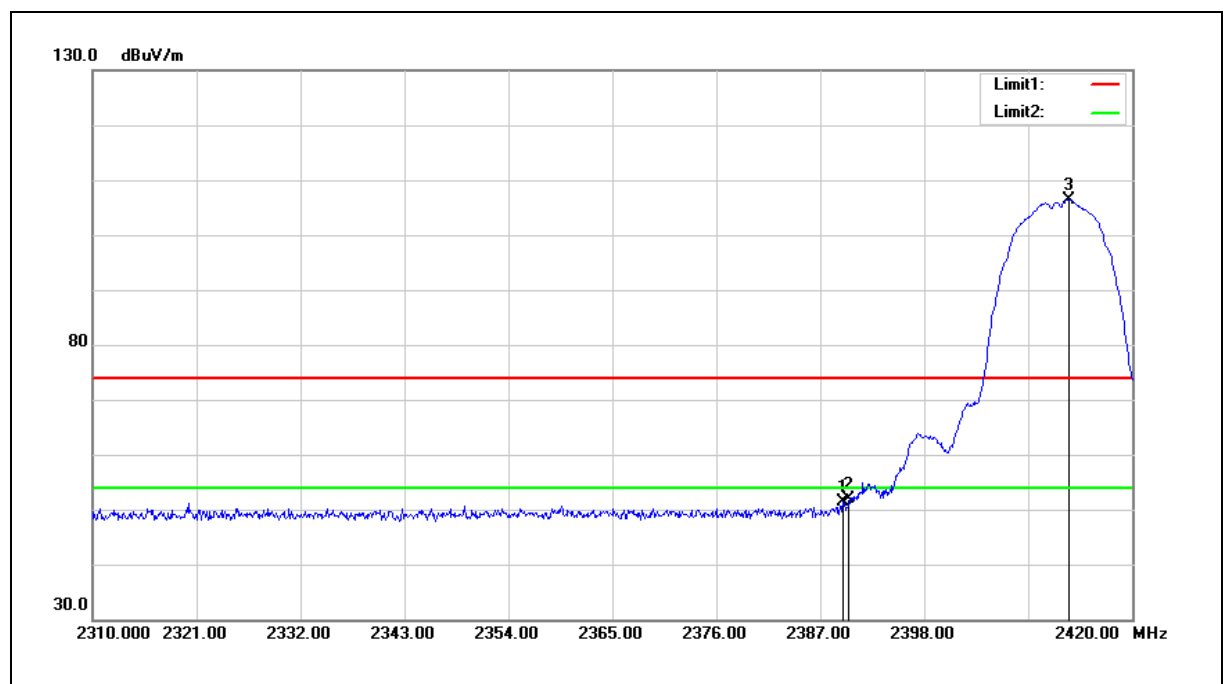
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

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



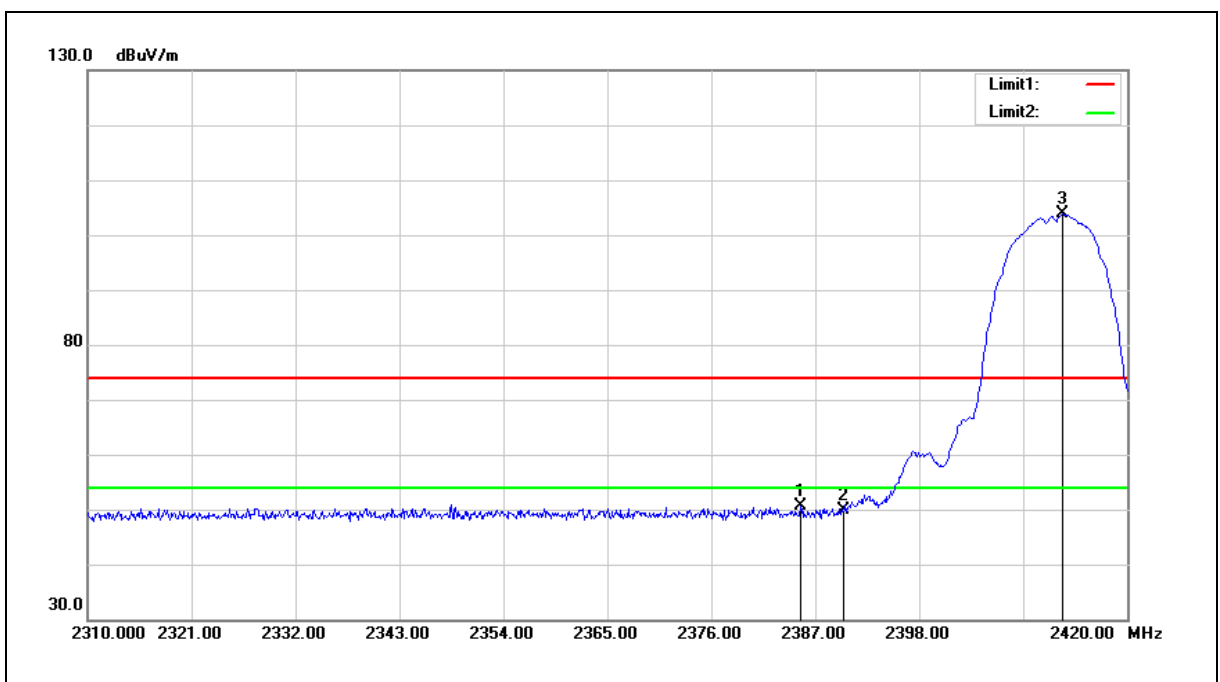
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.420	59.13	-7.72	51.41	74.00	-22.59	peak
2	2390.000	59.50	-7.72	51.78	74.00	-22.22	peak
3	2413.290	113.96	-7.62	106.34	--	--	peak

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.

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



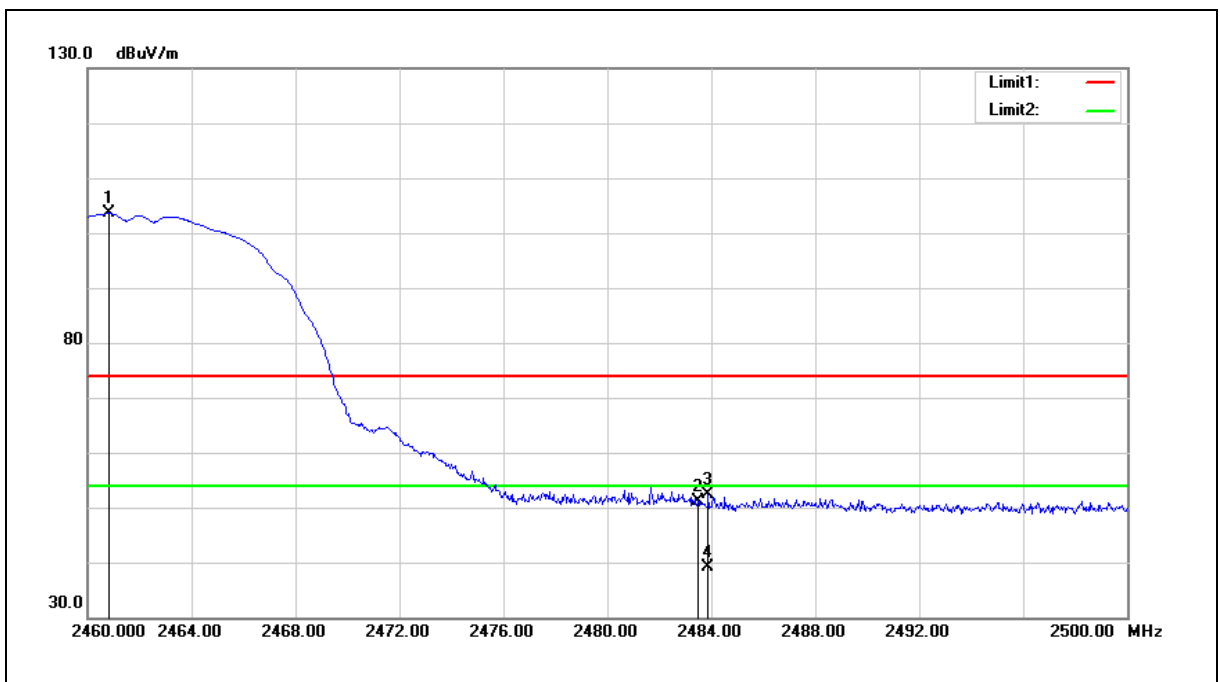
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.460	58.32	-7.73	50.59	74.00	-23.41	peak
2	2390.000	57.67	-7.72	49.95	74.00	-24.05	peak
3	2413.180	111.38	-7.62	103.76	--	--	peak

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

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

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

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



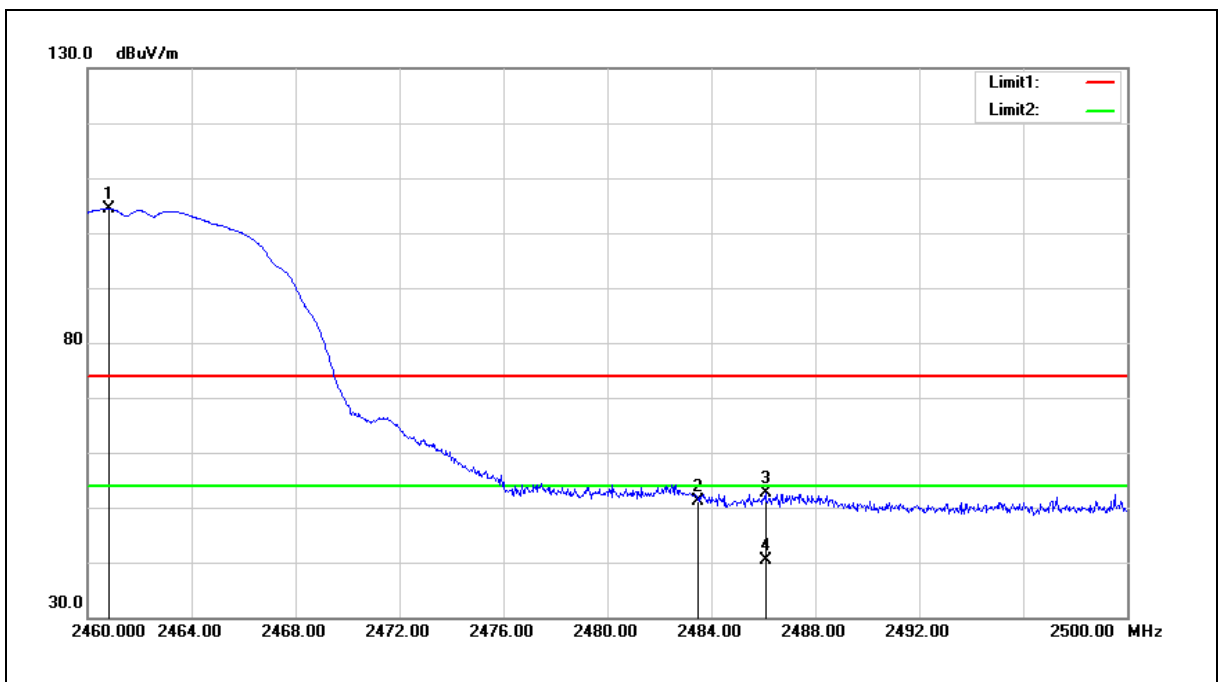
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.840	110.95	-7.43	103.52	--	--	peak
2	2483.500	58.36	-7.34	51.02	74.00	-22.98	peak
3	2483.880	59.64	-7.34	52.30	74.00	-21.70	peak
4	2483.880	46.46	-7.34	39.12	54.00	-14.88	AVG

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

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

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

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



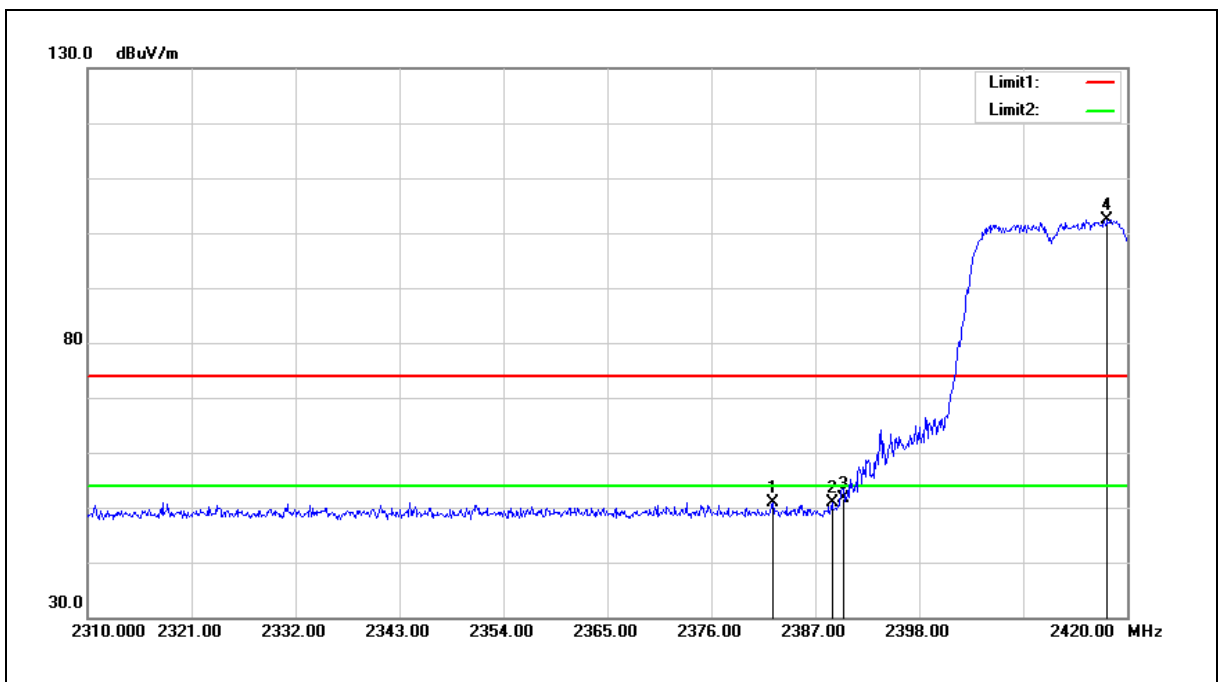
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.840	111.81	-7.43	104.38	--	--	peak
2	2483.500	58.42	-7.34	51.08	74.00	-22.92	peak
3	2486.080	59.95	-7.32	52.63	74.00	-21.37	peak
4	2486.080	47.74	-7.32	40.42	54.00	-13.58	AVG

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

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

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

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



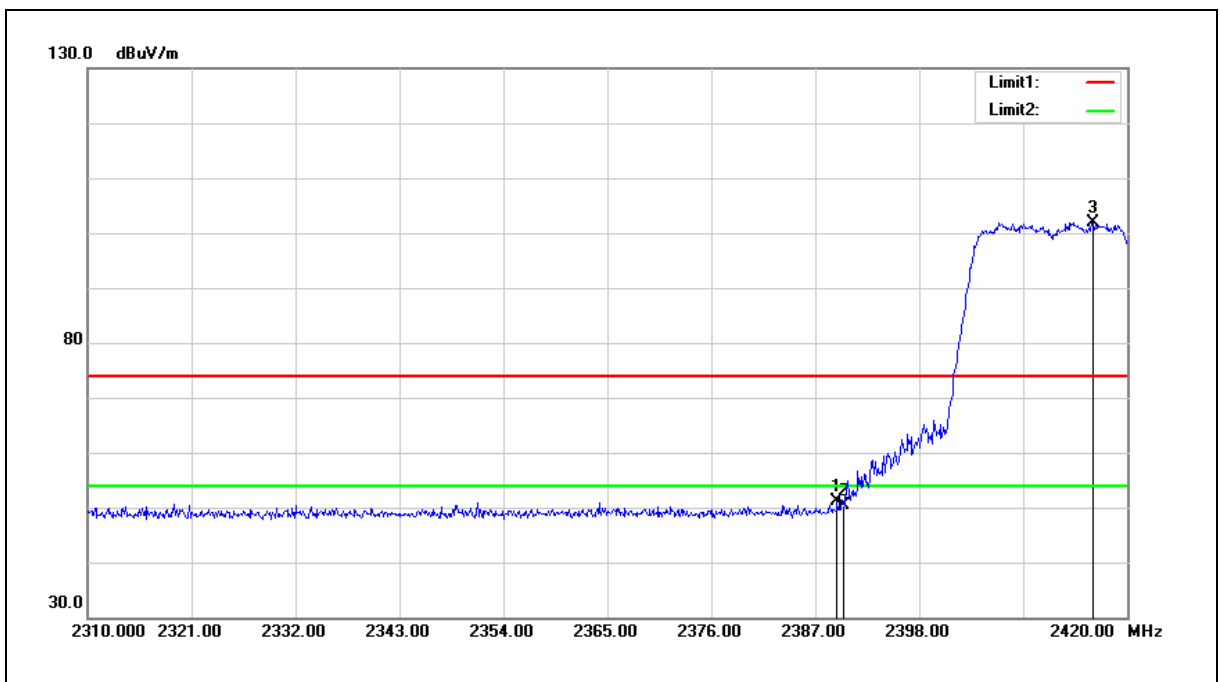
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.490	58.62	-7.75	50.87	74.00	-23.13	peak
2	2388.760	58.56	-7.72	50.84	74.00	-23.16	peak
3	2390.000	59.37	-7.72	51.65	74.00	-22.35	peak
4	2417.910	109.96	-7.61	102.35	--	--	peak

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

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

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

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



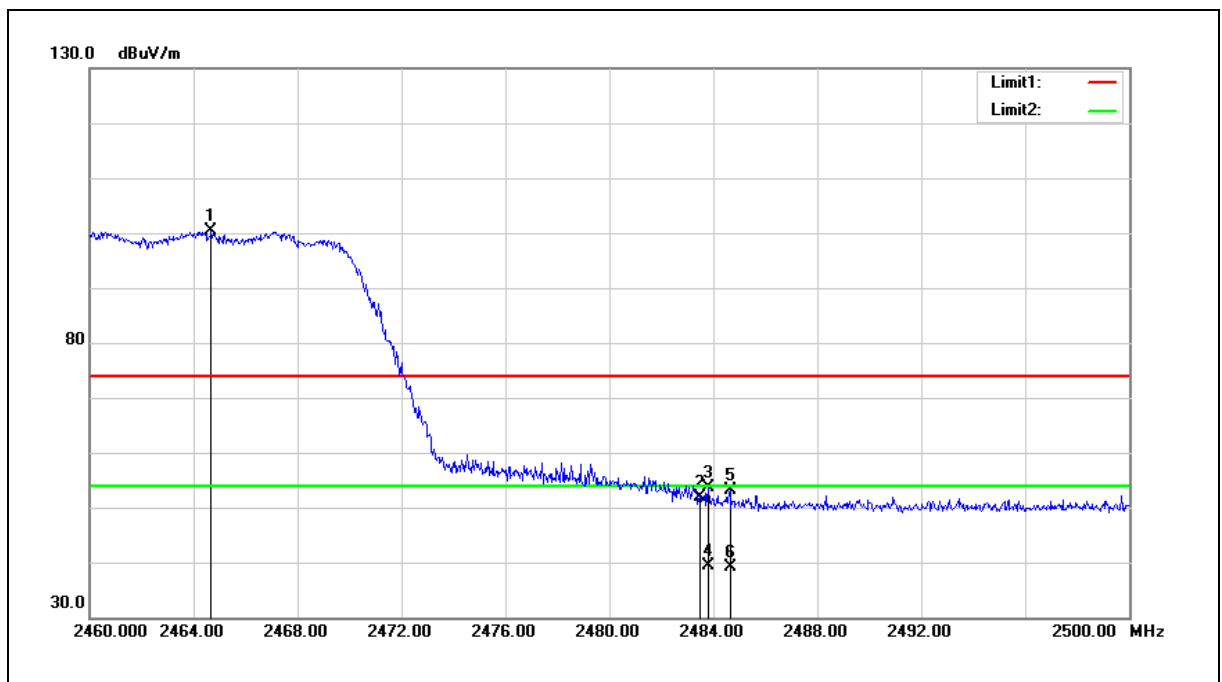
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.310	58.95	-7.72	51.23	74.00	-22.77	peak
2	2390.000	58.18	-7.72	50.46	74.00	-23.54	peak
3	2416.370	109.58	-7.61	101.97	--	--	peak

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.

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



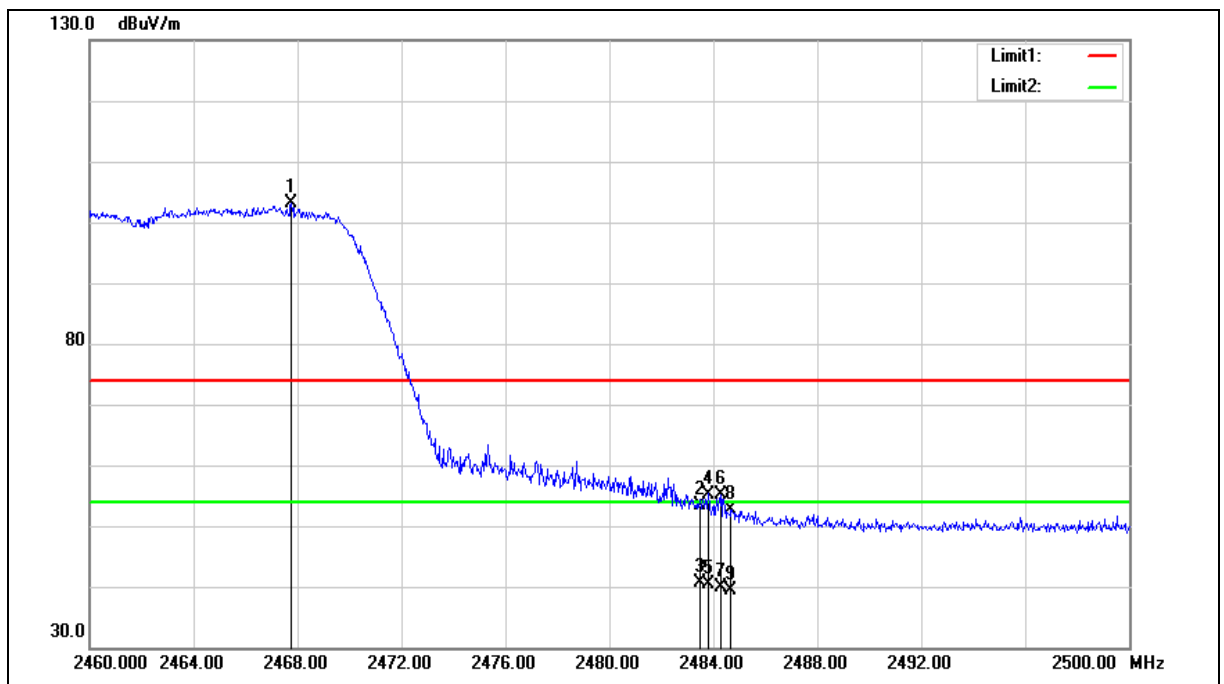
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.680	107.73	-7.42	100.31	--	--	peak
2	2483.500	59.14	-7.34	51.80	74.00	-22.20	peak
3	2483.800	60.86	-7.34	53.52	74.00	-20.48	peak
4	2483.800	46.75	-7.34	39.41	54.00	-14.59	AVG
5	2484.640	60.42	-7.34	53.08	74.00	-20.92	peak
6	2484.640	46.42	-7.34	39.08	54.00	-14.92	AVG

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

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

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

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



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

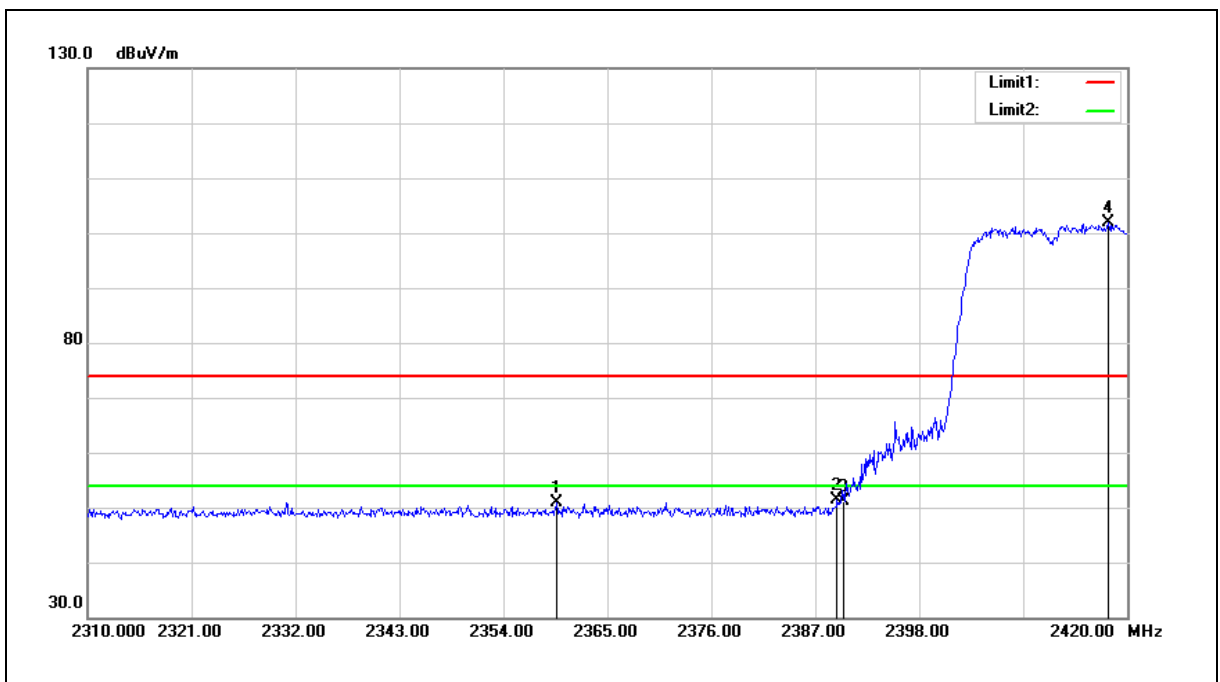
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2467.760	110.62	-7.40	103.22	--	--	peak
2	2483.500	60.83	-7.34	53.49	74.00	-20.51	peak
3	2483.500	48.08	-7.34	40.74	54.00	-13.26	AVG
4	2483.800	62.59	-7.34	55.25	74.00	-18.75	peak
5	2483.800	47.79	-7.34	40.45	54.00	-13.55	AVG
6	2484.280	62.48	-7.34	55.14	74.00	-18.86	peak
7	2484.280	47.14	-7.34	39.80	54.00	-14.20	AVG
8	2484.680	60.04	-7.34	52.70	74.00	-21.30	peak
9	2484.680	46.78	-7.34	39.44	54.00	-14.56	AVG

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

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

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

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



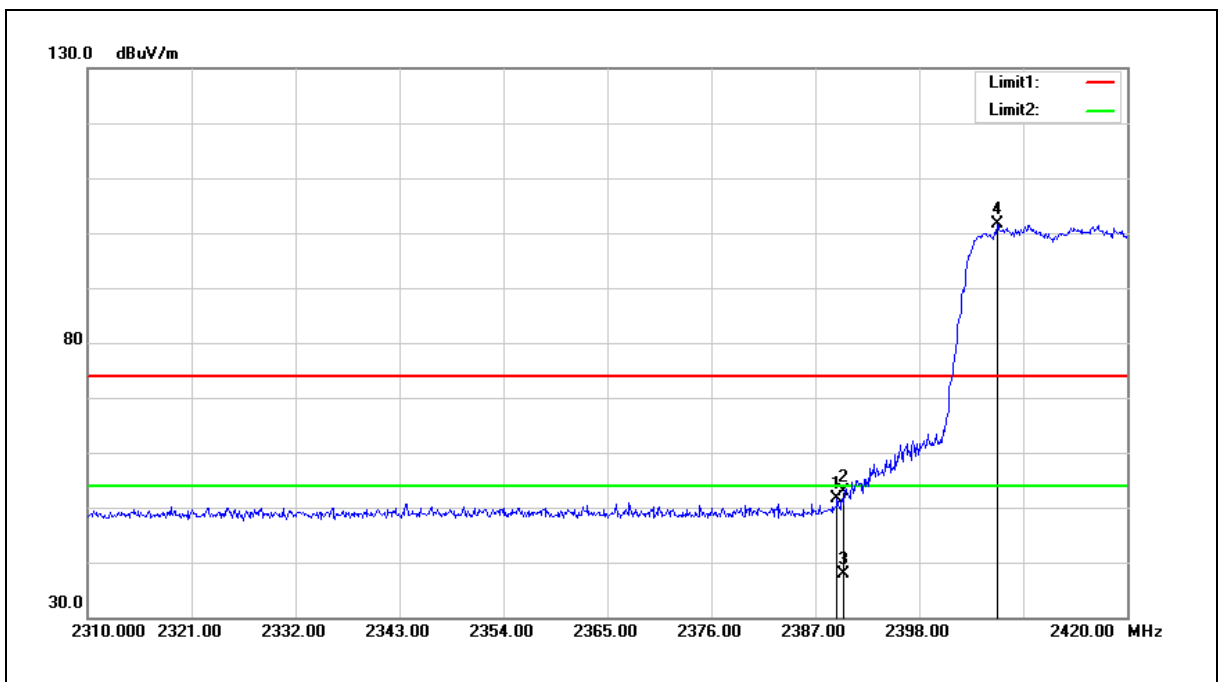
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2359.610	58.76	-7.84	50.92	74.00	-23.08	peak
2	2389.310	59.00	-7.72	51.28	74.00	-22.72	peak
3	2390.000	58.78	-7.72	51.06	74.00	-22.94	peak
4	2418.020	109.47	-7.61	101.86	--	--	peak

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

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

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

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



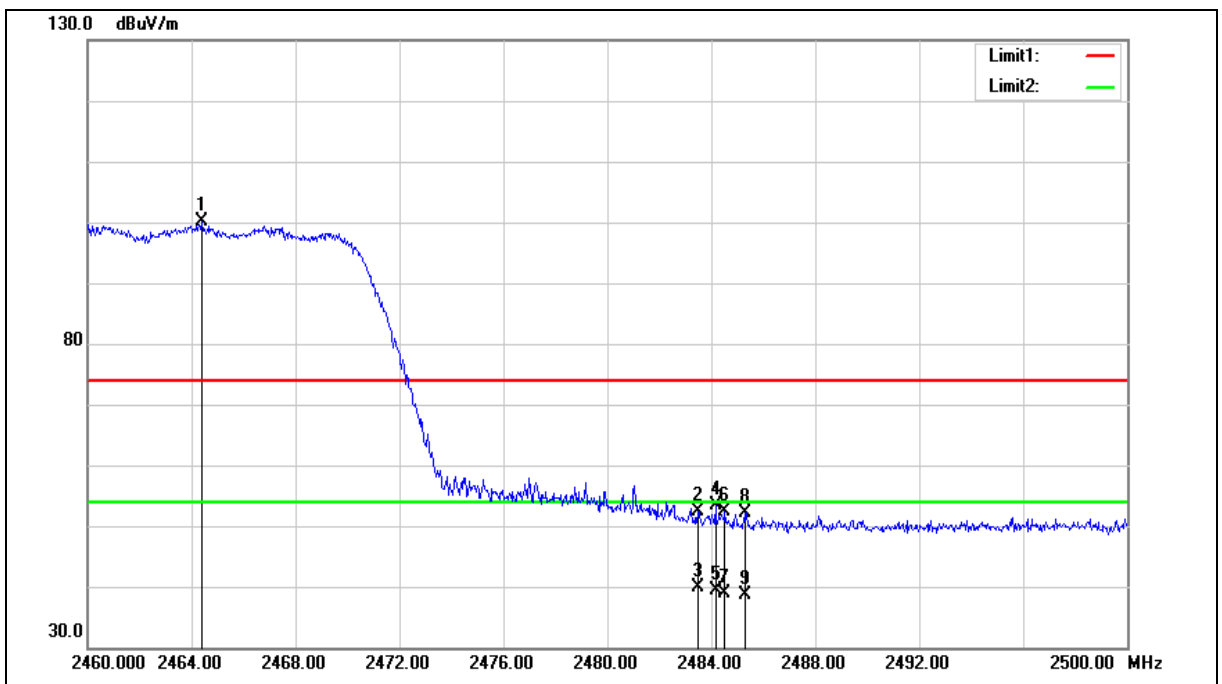
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.310	59.26	-7.72	51.54	74.00	-22.46	peak
2	2390.000	60.48	-7.72	52.76	74.00	-21.24	peak
3	2390.000	45.53	-7.72	37.81	54.00	-16.19	AVG
4	2406.250	109.33	-7.65	101.68	--	--	peak

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

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

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

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



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

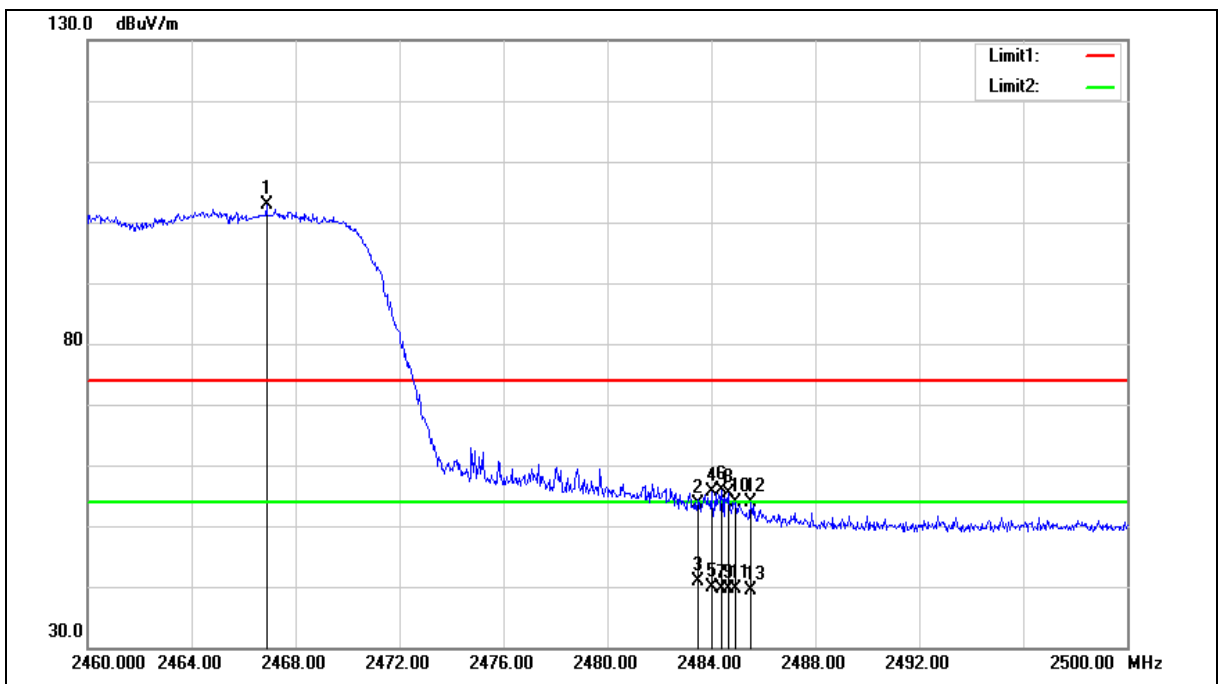
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.400	107.44	-7.42	100.02	--	--	peak
2	2483.500	59.77	-7.34	52.43	74.00	-21.57	peak
3	2483.500	47.32	-7.34	39.98	54.00	-14.02	AVG
4	2484.160	60.68	-7.34	53.34	74.00	-20.66	peak
5	2484.160	46.73	-7.34	39.39	54.00	-14.61	AVG
6	2484.520	59.60	-7.34	52.26	74.00	-21.74	peak
7	2484.520	46.26	-7.34	38.92	54.00	-15.08	AVG
8	2485.320	59.47	-7.32	52.15	74.00	-21.85	peak
9	2485.320	45.89	-7.32	38.57	54.00	-15.43	AVG

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

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

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

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



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

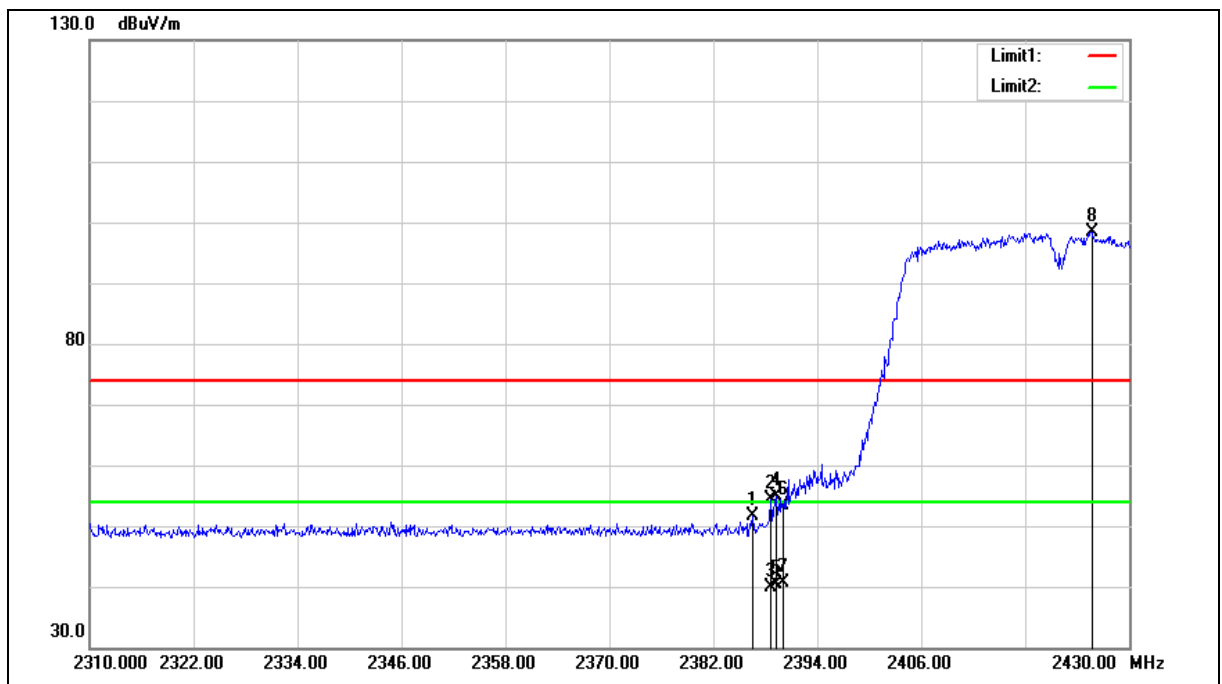
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2466.880	110.27	-7.40	102.87	--	--	peak
2	2483.500	60.86	-7.34	53.52	74.00	-20.48	peak
3	2483.500	48.18	-7.34	40.84	54.00	-13.16	AVG
4	2484.000	62.98	-7.34	55.64	74.00	-18.36	peak
5	2484.000	47.22	-7.34	39.88	54.00	-14.12	AVG
6	2484.400	63.13	-7.34	55.79	74.00	-18.21	peak
7	2484.400	46.97	-7.34	39.63	54.00	-14.37	AVG
8	2484.640	62.61	-7.34	55.27	74.00	-18.73	peak
9	2484.640	46.87	-7.34	39.53	54.00	-14.47	AVG
10	2484.920	61.20	-7.34	53.86	74.00	-20.14	peak
11	2484.920	46.98	-7.34	39.64	54.00	-14.36	AVG
12	2485.520	61.26	-7.32	53.94	74.00	-20.06	peak
13	2485.520	46.69	-7.32	39.37	54.00	-14.63	AVG

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

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

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

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



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

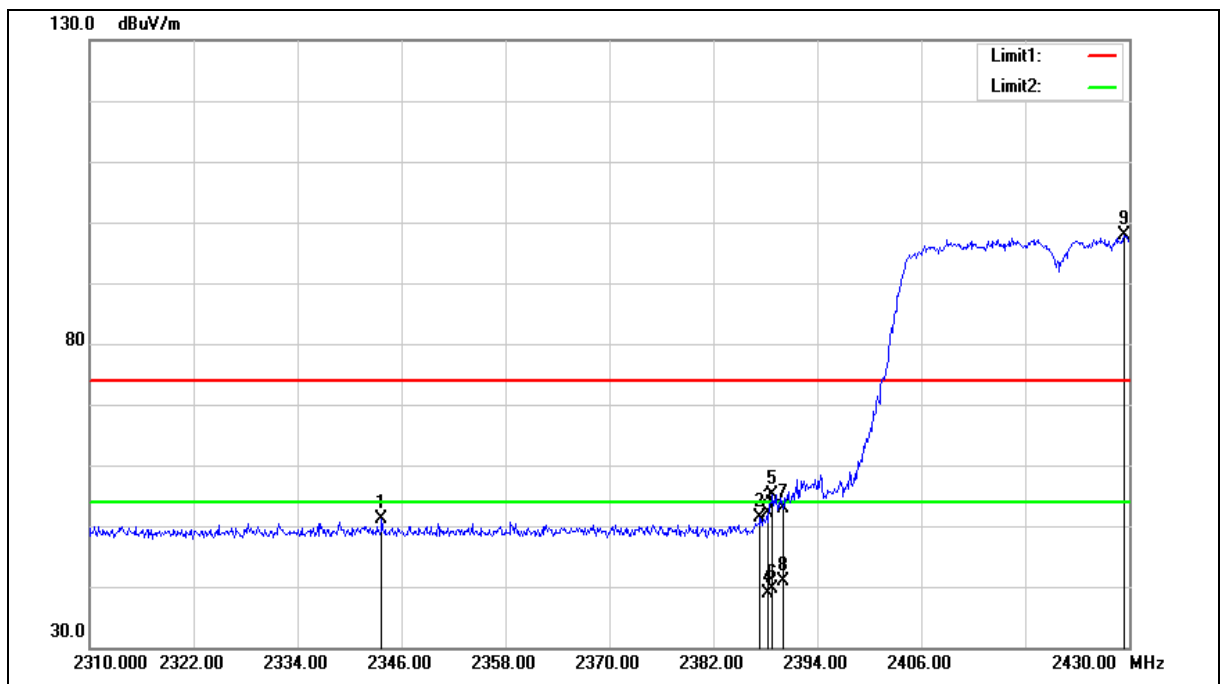
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.560	59.32	-7.73	51.59	74.00	-22.41	peak
2	2388.600	62.01	-7.72	54.29	74.00	-19.71	peak
3	2388.600	47.49	-7.72	39.77	54.00	-14.23	AVG
4	2389.320	62.62	-7.72	54.90	74.00	-19.10	peak
5	2389.320	48.10	-7.72	40.38	54.00	-13.62	AVG
6	2390.000	61.11	-7.72	53.39	74.00	-20.61	peak
7	2390.000	48.42	-7.72	40.70	54.00	-13.30	AVG
8	2425.680	105.99	-7.57	98.42	--	--	peak

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

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

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

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



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

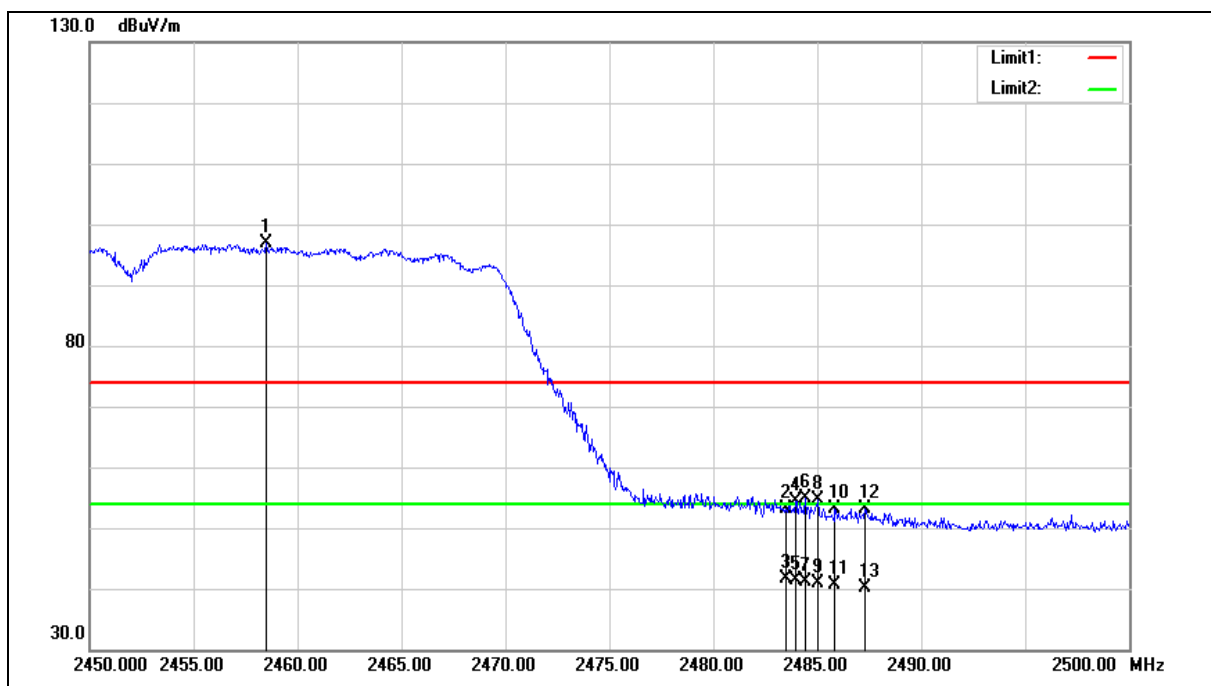
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2343.720	58.94	-7.91	51.03	74.00	-22.97	peak
2	2387.400	59.12	-7.73	51.39	74.00	-22.61	peak
3	2388.240	59.94	-7.73	52.21	74.00	-21.79	peak
4	2388.240	46.72	-7.73	38.99	54.00	-15.01	AVG
5	2388.840	62.92	-7.72	55.20	74.00	-18.80	peak
6	2388.840	47.41	-7.72	39.69	54.00	-14.31	AVG
7	2390.000	60.69	-7.72	52.97	74.00	-21.03	peak
8	2390.000	48.57	-7.72	40.85	54.00	-13.15	AVG
9	2429.400	105.38	-7.55	97.83	--	--	peak

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

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

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

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



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

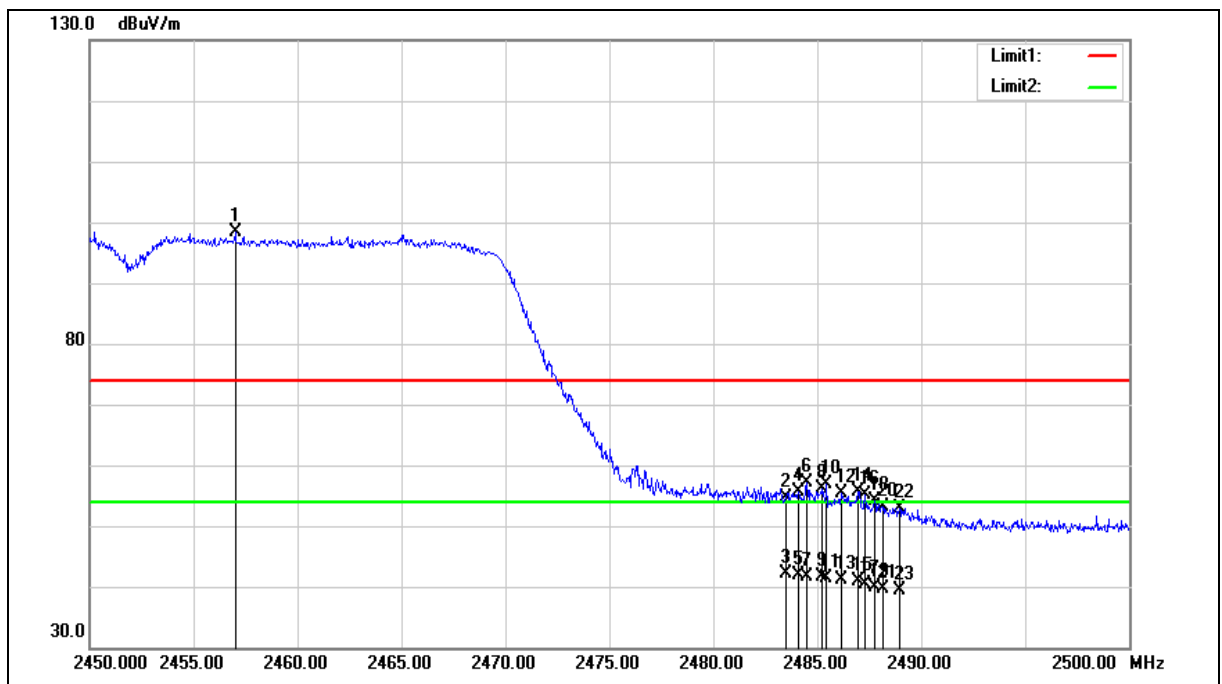
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2458.500	104.32	-7.43	96.89	--	--	peak
2	2483.500	60.59	-7.34	53.25	74.00	-20.75	peak
3	2483.500	48.88	-7.34	41.54	54.00	-12.46	AVG
4	2483.950	61.74	-7.34	54.40	74.00	-19.60	peak
5	2483.950	48.67	-7.34	41.33	54.00	-12.67	AVG
6	2484.400	62.28	-7.34	54.94	74.00	-19.06	peak
7	2484.400	48.47	-7.34	41.13	54.00	-12.87	AVG
8	2485.050	61.94	-7.33	54.61	74.00	-19.39	peak
9	2485.050	48.23	-7.33	40.90	54.00	-13.10	AVG
10	2485.850	60.34	-7.32	53.02	74.00	-20.98	peak
11	2485.850	47.84	-7.32	40.52	54.00	-13.48	AVG
12	2487.300	60.57	-7.32	53.25	74.00	-20.75	peak
13	2487.300	47.37	-7.32	40.05	54.00	-13.95	AVG

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

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

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

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



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

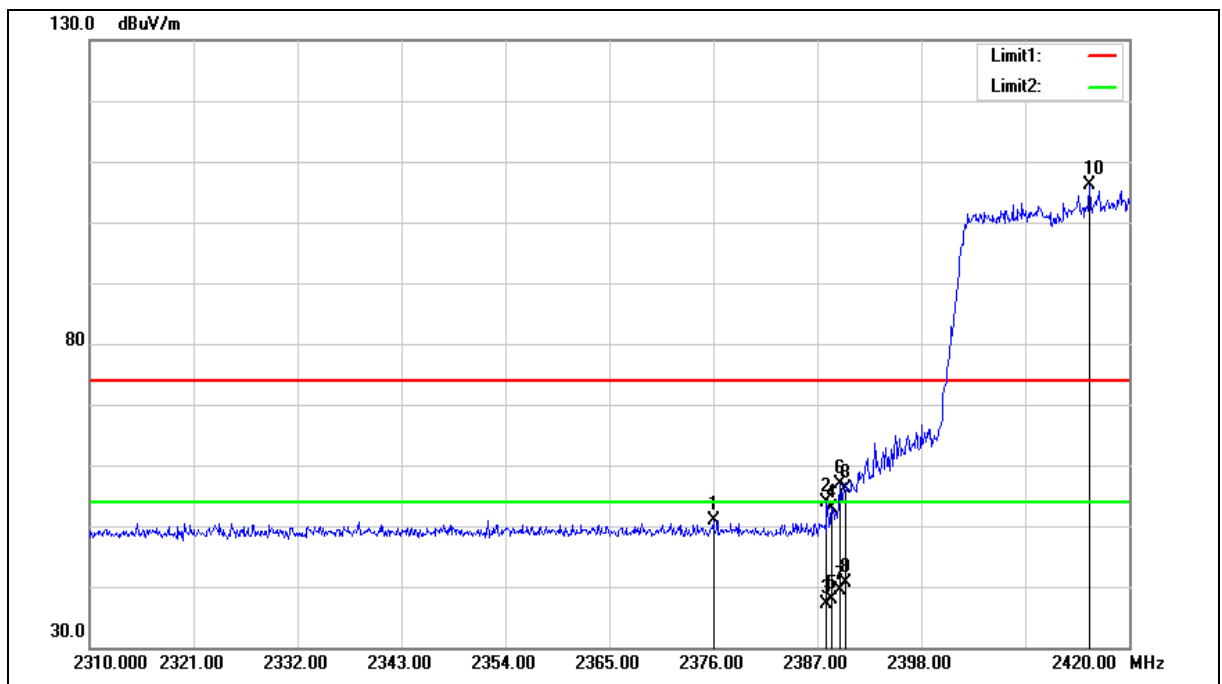
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2457.000	105.83	-7.44	98.39	--	--	peak
2	2483.500	62.02	-7.34	54.68	74.00	-19.32	peak
3	2483.500	49.49	-7.34	42.15	54.00	-11.85	AVG
4	2484.100	63.07	-7.34	55.73	74.00	-18.27	peak
5	2484.100	49.12	-7.34	41.78	54.00	-12.22	AVG
6	2484.500	64.56	-7.34	57.22	74.00	-16.78	peak
7	2484.500	49.03	-7.34	41.69	54.00	-12.31	AVG
8	2485.200	63.38	-7.33	56.05	74.00	-17.95	peak
9	2485.200	48.87	-7.33	41.54	54.00	-12.46	AVG
10	2485.450	64.22	-7.32	56.90	74.00	-17.10	peak
11	2485.450	48.65	-7.32	41.33	54.00	-12.67	AVG
12	2486.150	62.63	-7.32	55.31	74.00	-18.69	peak
13	2486.150	48.43	-7.32	41.11	54.00	-12.89	AVG
14	2486.950	63.06	-7.32	55.74	74.00	-18.26	peak
15	2486.950	48.15	-7.32	40.83	54.00	-13.17	AVG
16	2487.300	62.36	-7.32	55.04	74.00	-18.96	peak
17	2487.300	47.73	-7.32	40.41	54.00	-13.59	AVG
18	2487.750	61.55	-7.32	54.23	74.00	-19.77	peak
19	2487.750	47.32	-7.32	40.00	54.00	-14.00	AVG
20	2488.150	60.37	-7.32	53.05	74.00	-20.95	peak
21	2488.150	46.90	-7.32	39.58	54.00	-14.42	AVG
22	2488.950	60.22	-7.31	52.91	74.00	-21.09	peak
23	2488.950	46.61	-7.31	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.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

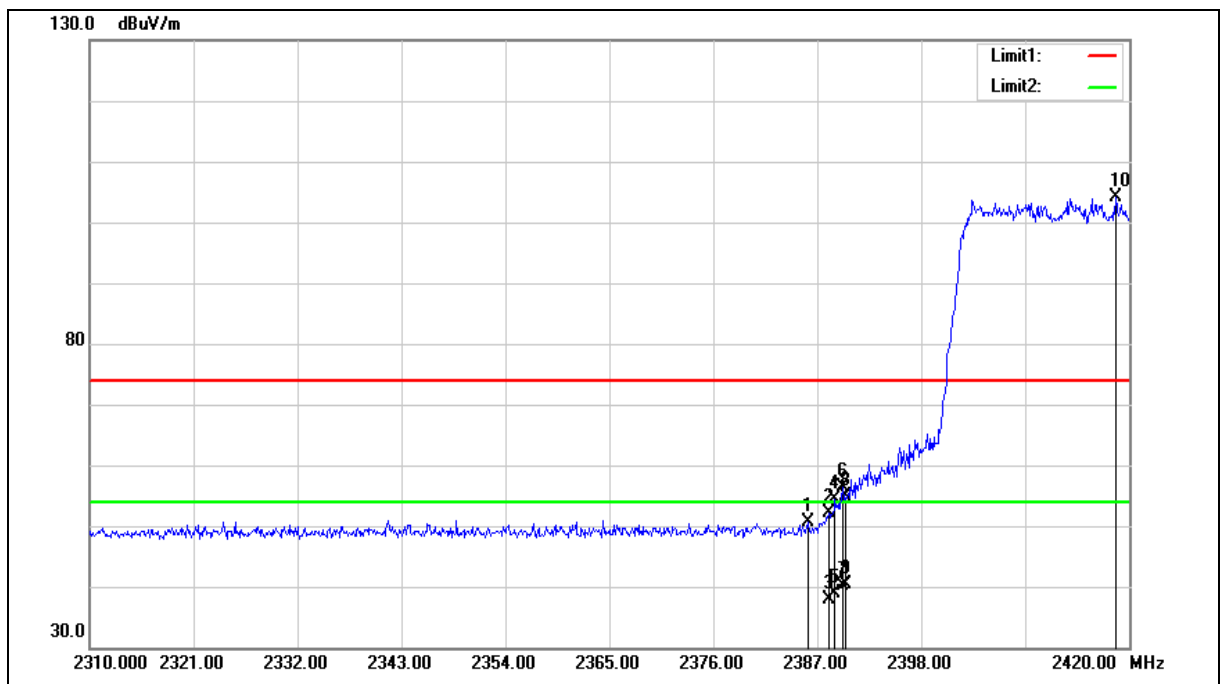
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2376.000	58.71	-7.77	50.94	74.00	-23.06	peak
2	2387.990	61.57	-7.73	53.84	74.00	-20.16	peak
3	2387.990	44.75	-7.73	37.02	54.00	-16.98	AVG
4	2388.540	60.56	-7.72	52.84	74.00	-21.16	peak
5	2388.540	45.53	-7.72	37.81	54.00	-16.19	AVG
6	2389.420	64.52	-7.72	56.80	74.00	-17.20	peak
7	2389.420	47.07	-7.72	39.35	54.00	-14.65	AVG
8	2390.000	63.73	-7.72	56.01	74.00	-17.99	peak
9	2390.000	48.33	-7.72	40.61	54.00	-13.39	AVG
10	2415.820	113.79	-7.61	106.18	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2412MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

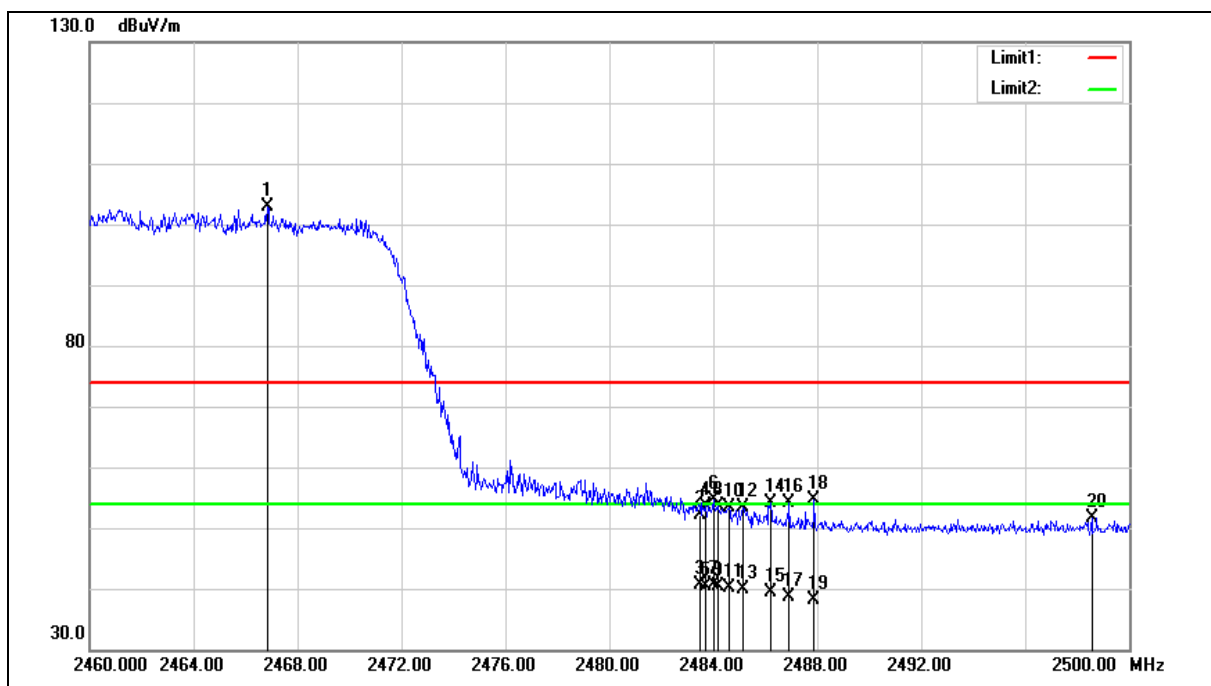
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.010	58.40	-7.73	50.67	74.00	-23.33	peak
2	2388.210	59.75	-7.73	52.02	74.00	-21.98	peak
3	2388.210	45.62	-7.73	37.89	54.00	-16.11	AVG
4	2388.870	62.21	-7.72	54.49	74.00	-19.51	peak
5	2388.870	46.60	-7.72	38.88	54.00	-15.12	AVG
6	2389.750	64.20	-7.72	56.48	74.00	-17.52	peak
7	2389.750	47.92	-7.72	40.20	54.00	-13.80	AVG
8	2390.000	62.72	-7.72	55.00	74.00	-19.00	peak
9	2390.000	48.10	-7.72	40.38	54.00	-13.62	AVG
10	2418.570	111.85	-7.60	104.25	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

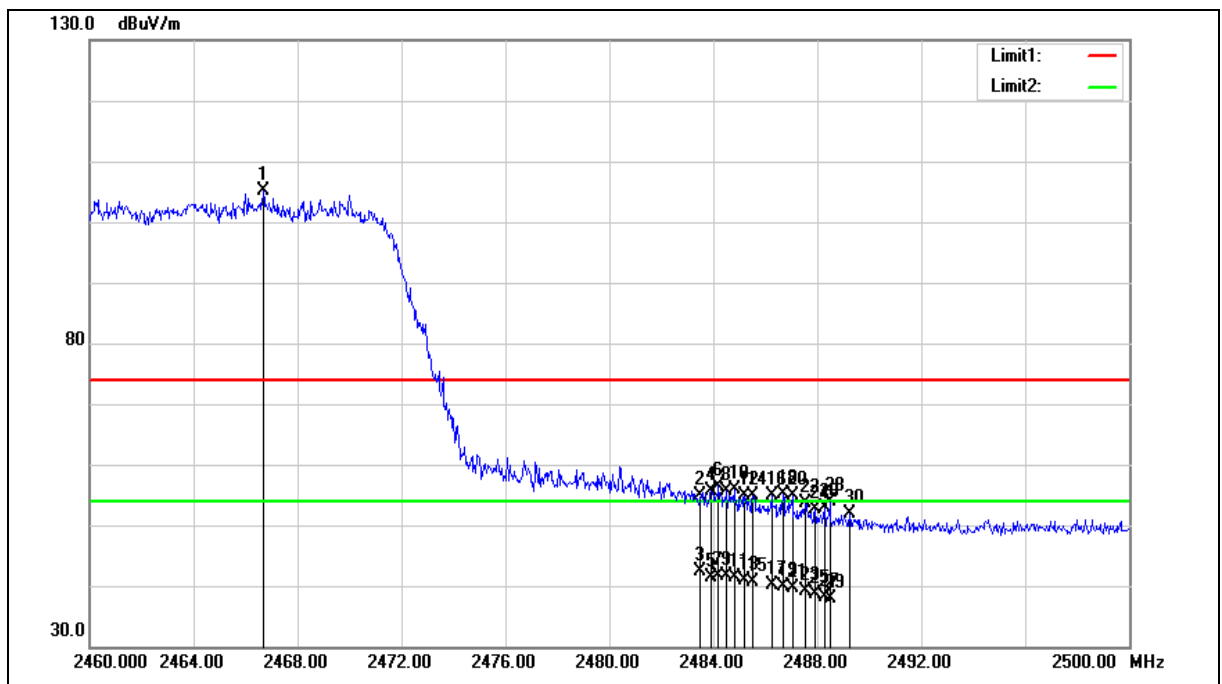
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2466.840	110.38	-7.40	102.98	--	--	peak
2	2483.500	59.38	-7.34	52.04	74.00	-21.96	peak
3	2483.500	48.00	-7.34	40.66	54.00	-13.34	AVG
4	2483.720	60.94	-7.34	53.60	74.00	-20.40	peak
5	2483.720	47.67	-7.34	40.33	54.00	-13.67	AVG
6	2484.000	62.00	-7.34	54.66	74.00	-19.34	peak
7	2484.000	48.05	-7.34	40.71	54.00	-13.29	AVG
8	2484.160	60.95	-7.34	53.61	74.00	-20.39	peak
9	2484.160	47.72	-7.34	40.38	54.00	-13.62	AVG
10	2484.600	60.75	-7.34	53.41	74.00	-20.59	peak
11	2484.600	47.45	-7.34	40.11	54.00	-13.89	AVG
12	2485.160	60.82	-7.33	53.49	74.00	-20.51	peak
13	2485.160	47.23	-7.33	39.90	54.00	-14.10	AVG
14	2486.200	61.35	-7.32	54.03	74.00	-19.97	peak
15	2486.200	46.65	-7.32	39.33	54.00	-14.67	AVG
16	2486.920	61.38	-7.32	54.06	74.00	-19.94	peak
17	2486.920	45.90	-7.32	38.58	54.00	-15.42	AVG
18	2487.880	61.92	-7.32	54.60	74.00	-19.40	peak
19	2487.880	45.42	-7.32	38.10	54.00	-15.90	AVG
20	2498.560	58.94	-7.27	51.67	74.00	-22.33	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462MHz		
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	2466.680	112.41	-7.40	105.01	--	--	peak
2	2483.500	62.21	-7.34	54.87	74.00	-19.13	peak
3	2483.500	49.65	-7.34	42.31	54.00	-11.69	AVG
4	2483.920	62.90	-7.34	55.56	74.00	-18.44	peak
5	2483.920	48.82	-7.34	41.48	54.00	-12.52	AVG
6	2484.200	63.84	-7.34	56.50	74.00	-17.50	peak
7	2484.200	49.02	-7.34	41.68	54.00	-12.32	AVG
8	2484.520	62.90	-7.34	55.56	74.00	-18.44	peak
9	2484.520	48.92	-7.34	41.58	54.00	-12.42	AVG
10	2484.800	63.32	-7.34	55.98	74.00	-18.02	peak
11	2484.800	48.73	-7.34	41.39	54.00	-12.61	AVG
12	2485.200	62.14	-7.33	54.81	74.00	-19.19	peak
13	2485.200	48.21	-7.33	40.88	54.00	-13.12	AVG
14	2485.520	62.18	-7.32	54.86	74.00	-19.14	peak
15	2485.520	47.93	-7.32	40.61	54.00	-13.39	AVG
16	2486.240	62.32	-7.32	55.00	74.00	-19.00	peak
17	2486.240	47.57	-7.32	40.25	54.00	-13.75	AVG
18	2486.680	62.51	-7.32	55.19	74.00	-18.81	peak
19	2486.680	47.21	-7.32	39.89	54.00	-14.11	AVG
20	2487.040	62.10	-7.32	54.78	74.00	-19.22	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2462MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

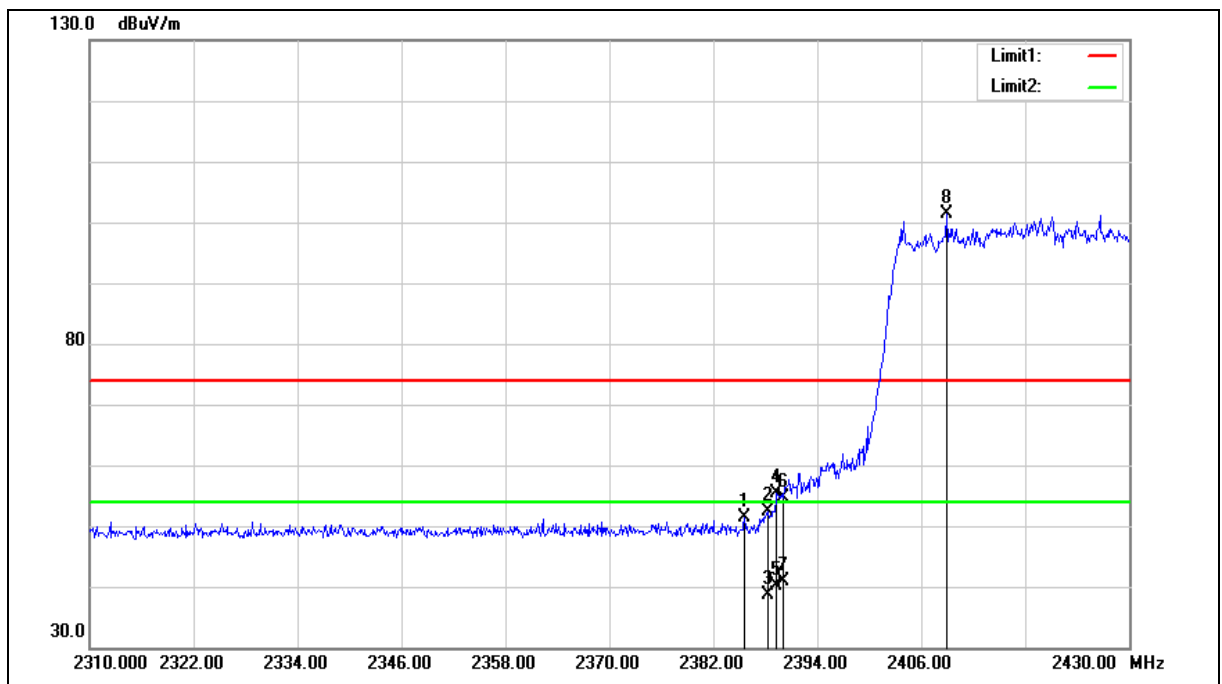
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
20	2487.040	62.10	-7.32	54.78	74.00	-19.22	peak
21	2487.040	47.04	-7.32	39.72	54.00	-14.28	AVG
22	2487.520	60.88	-7.32	53.56	74.00	-20.44	peak
23	2487.520	46.43	-7.32	39.11	54.00	-14.89	AVG
24	2487.920	60.00	-7.32	52.68	74.00	-21.32	peak
25	2487.920	45.87	-7.32	38.55	54.00	-15.45	AVG
26	2488.280	60.31	-7.32	52.99	74.00	-21.01	peak
27	2488.280	45.46	-7.32	38.14	54.00	-15.86	AVG
28	2488.480	61.28	-7.31	53.97	74.00	-20.03	peak
29	2488.480	45.23	-7.31	37.92	54.00	-16.08	AVG
30	2489.240	59.24	-7.31	51.93	74.00	-22.07	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

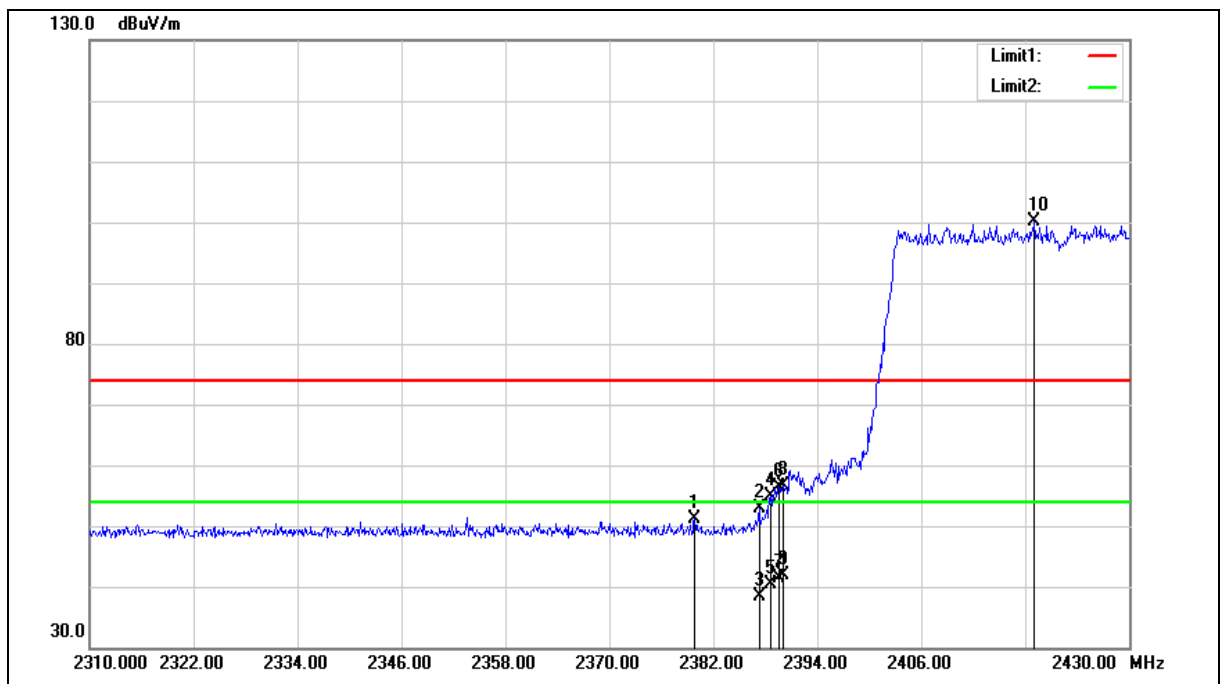
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.600	59.04	-7.73	51.31	74.00	-22.69	peak
2	2388.360	60.19	-7.72	52.47	74.00	-21.53	peak
3	2388.360	46.37	-7.72	38.65	54.00	-15.35	AVG
4	2389.320	63.02	-7.72	55.30	74.00	-18.70	peak
5	2389.320	47.89	-7.72	40.17	54.00	-13.83	AVG
6	2390.000	62.24	-7.72	54.52	74.00	-19.48	peak
7	2390.000	48.62	-7.72	40.90	54.00	-13.10	AVG
8	2408.880	109.07	-7.64	101.43	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2422MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		

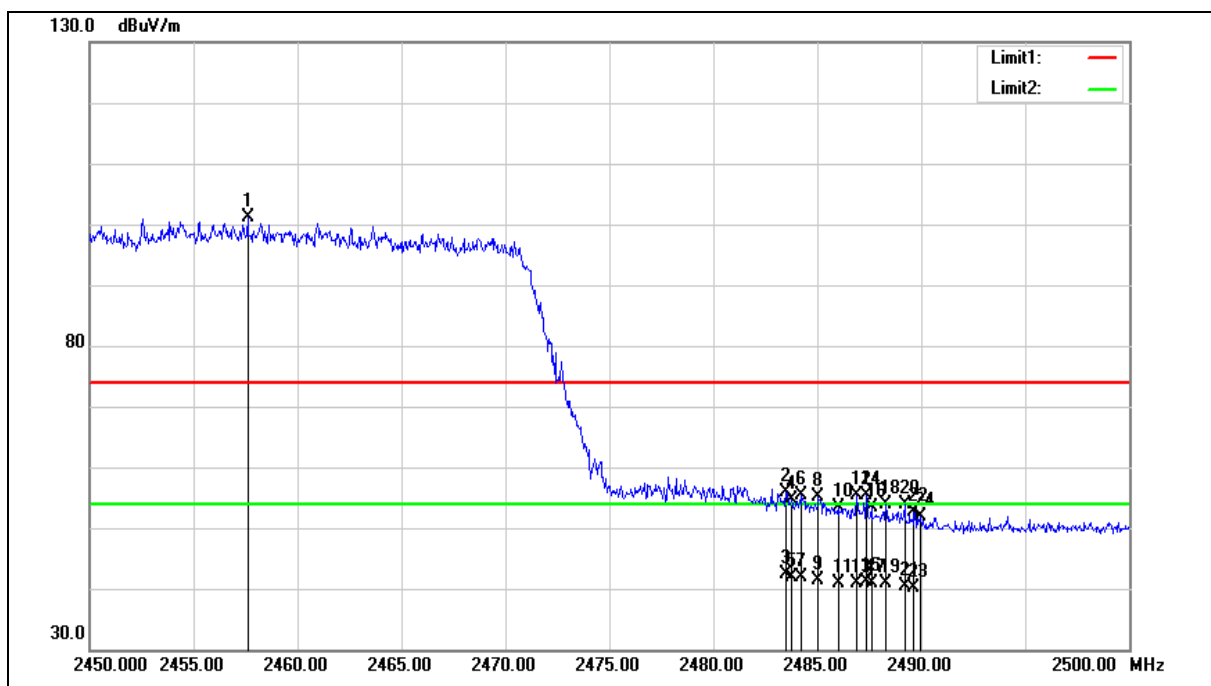
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2379.840	58.83	-7.76	51.07	74.00	-22.93	peak
2	2387.280	60.65	-7.73	52.92	74.00	-21.08	peak
3	2387.280	46.06	-7.73	38.33	54.00	-15.67	AVG
4	2388.600	62.55	-7.72	54.83	74.00	-19.17	peak
5	2388.600	48.09	-7.72	40.37	54.00	-13.63	AVG
6	2389.560	64.02	-7.72	56.30	74.00	-17.70	peak
7	2389.560	49.14	-7.72	41.42	54.00	-12.58	AVG
8	2390.000	64.27	-7.72	56.55	74.00	-17.45	peak
9	2390.000	49.57	-7.72	41.85	54.00	-12.15	AVG
10	2419.080	107.70	-7.60	100.10	--	--	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

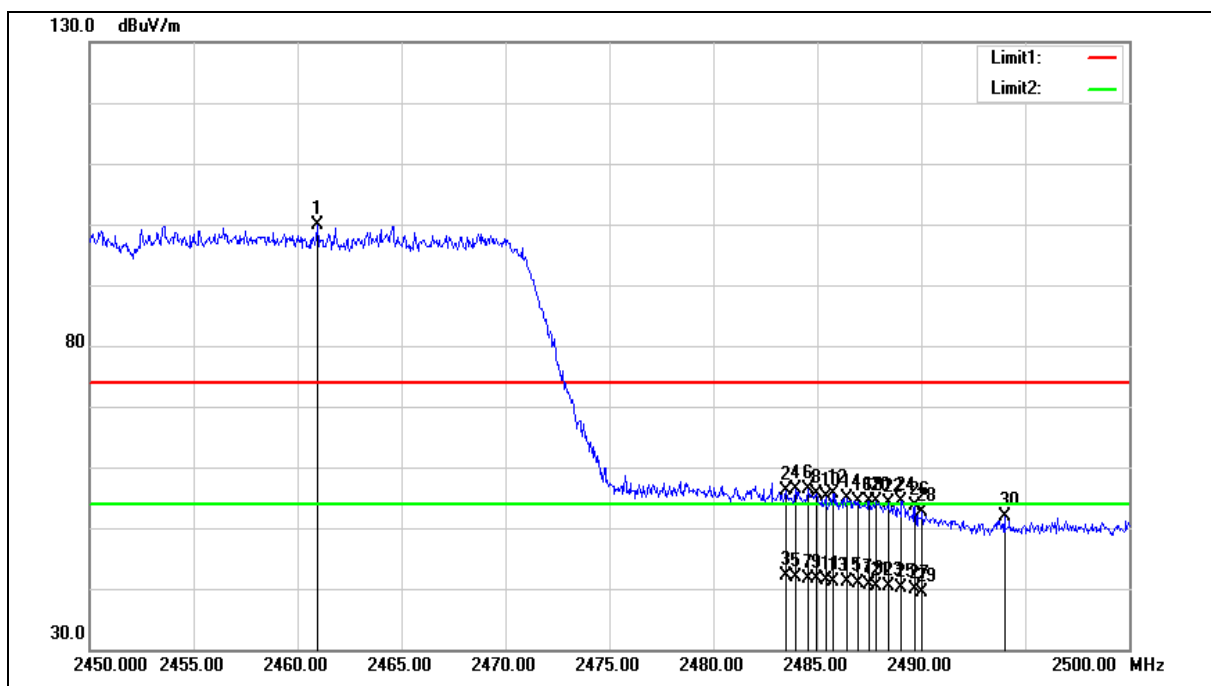
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2457.600	108.59	-7.44	101.15	--	--	peak
2	2483.500	63.12	-7.34	55.78	74.00	-18.22	peak
3	2483.500	49.76	-7.34	42.42	54.00	-11.58	AVG
4	2483.750	61.96	-7.34	54.62	74.00	-19.38	peak
5	2483.750	49.24	-7.34	41.90	54.00	-12.10	AVG
6	2484.250	62.62	-7.34	55.28	74.00	-18.72	peak
7	2484.250	49.13	-7.34	41.79	54.00	-12.21	AVG
8	2485.050	62.40	-7.33	55.07	74.00	-18.93	peak
9	2485.050	48.77	-7.33	41.44	54.00	-12.56	AVG
10	2486.000	60.68	-7.32	53.36	74.00	-20.64	peak
11	2486.000	48.17	-7.32	40.85	54.00	-13.15	AVG
12	2486.900	62.74	-7.32	55.42	74.00	-18.58	peak
13	2486.900	48.32	-7.32	41.00	54.00	-13.00	AVG
14	2487.350	62.64	-7.32	55.32	74.00	-18.68	peak
15	2487.350	48.43	-7.32	41.11	54.00	-12.89	AVG
16	2487.600	60.58	-7.32	53.26	74.00	-20.74	peak
17	2487.600	48.25	-7.32	40.93	54.00	-13.07	AVG
18	2488.300	61.30	-7.32	53.98	74.00	-20.02	peak
19	2488.300	48.22	-7.32	40.90	54.00	-13.10	AVG
20	2489.200	61.28	-7.31	53.97	74.00	-20.03	peak
21	2489.200	47.66	-7.31	40.35	54.00	-13.65	AVG
22	2489.650	59.92	-7.31	52.61	74.00	-21.39	peak
23	2489.650	47.42	-7.31	40.11	54.00	-13.89	AVG
24	2489.950	59.13	-7.31	51.82	74.00	-22.18	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.950	107.31	-7.43	99.88	--	--	peak
2	2483.500	63.48	-7.34	56.14	74.00	-17.86	peak
3	2483.500	49.52	-7.34	42.18	54.00	-11.82	AVG
4	2483.950	63.60	-7.34	56.26	74.00	-17.74	peak
5	2483.950	49.23	-7.34	41.89	54.00	-12.11	AVG
6	2484.550	63.74	-7.34	56.40	74.00	-17.60	peak
7	2484.550	49.08	-7.34	41.74	54.00	-12.26	AVG
8	2484.950	62.98	-7.34	55.64	74.00	-18.36	peak
9	2484.950	48.97	-7.34	41.63	54.00	-12.37	AVG
10	2485.400	62.41	-7.32	55.09	74.00	-18.91	peak
11	2485.400	48.67	-7.32	41.35	54.00	-12.65	AVG
12	2485.750	62.99	-7.32	55.67	74.00	-18.33	peak
13	2485.750	48.54	-7.32	41.22	54.00	-12.78	AVG
14	2486.400	62.20	-7.32	54.88	74.00	-19.12	peak
15	2486.400	48.55	-7.32	41.23	54.00	-12.77	AVG
16	2486.950	61.61	-7.32	54.29	74.00	-19.71	peak
17	2486.950	48.08	-7.32	40.76	54.00	-13.24	AVG
18	2487.500	61.78	-7.32	54.46	74.00	-19.54	peak
19	2487.500	47.86	-7.32	40.54	54.00	-13.46	AVG
20	2487.850	61.61	-7.32	54.29	74.00	-19.71	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge		
Frequency:	2452MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
21	2487.850	47.78	-7.32	40.46	54.00	-13.54	AVG
22	2488.400	61.36	-7.31	54.05	74.00	-19.95	peak
23	2488.400	47.59	-7.31	40.28	54.00	-13.72	AVG
24	2489.050	61.72	-7.31	54.41	74.00	-19.59	peak
25	2489.050	47.37	-7.31	40.06	54.00	-13.94	AVG
26	2489.700	60.96	-7.31	53.65	74.00	-20.35	peak
27	2489.700	47.08	-7.31	39.77	54.00	-14.23	AVG
28	2490.050	59.99	-7.31	52.68	74.00	-21.32	peak
29	2490.050	46.78	-7.31	39.47	54.00	-14.53	AVG
30	2494.000	59.21	-7.29	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).

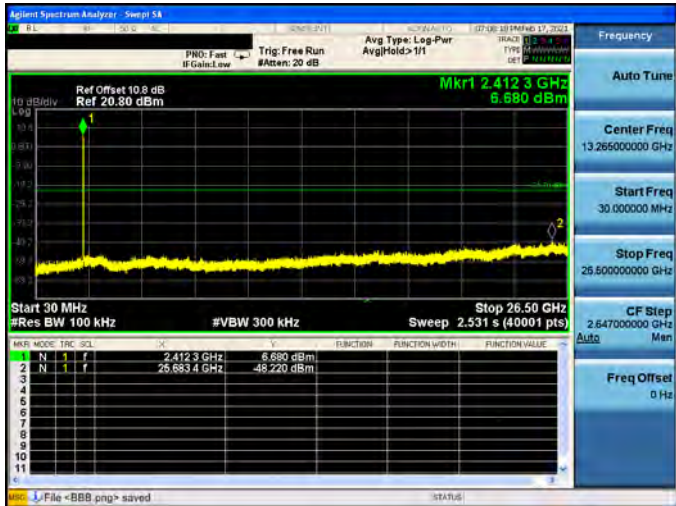
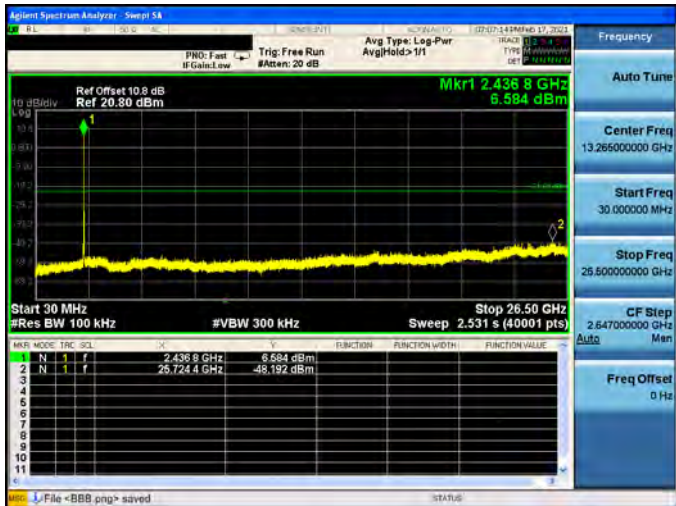
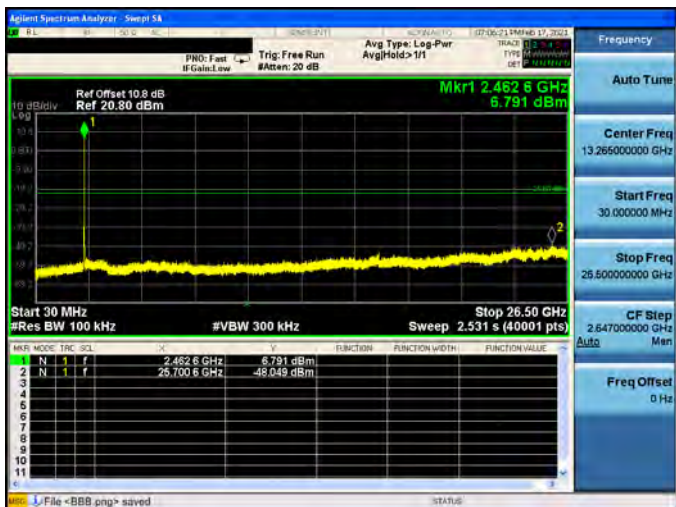
3.When the peak results are less than average limit, so not need to evaluate the average.

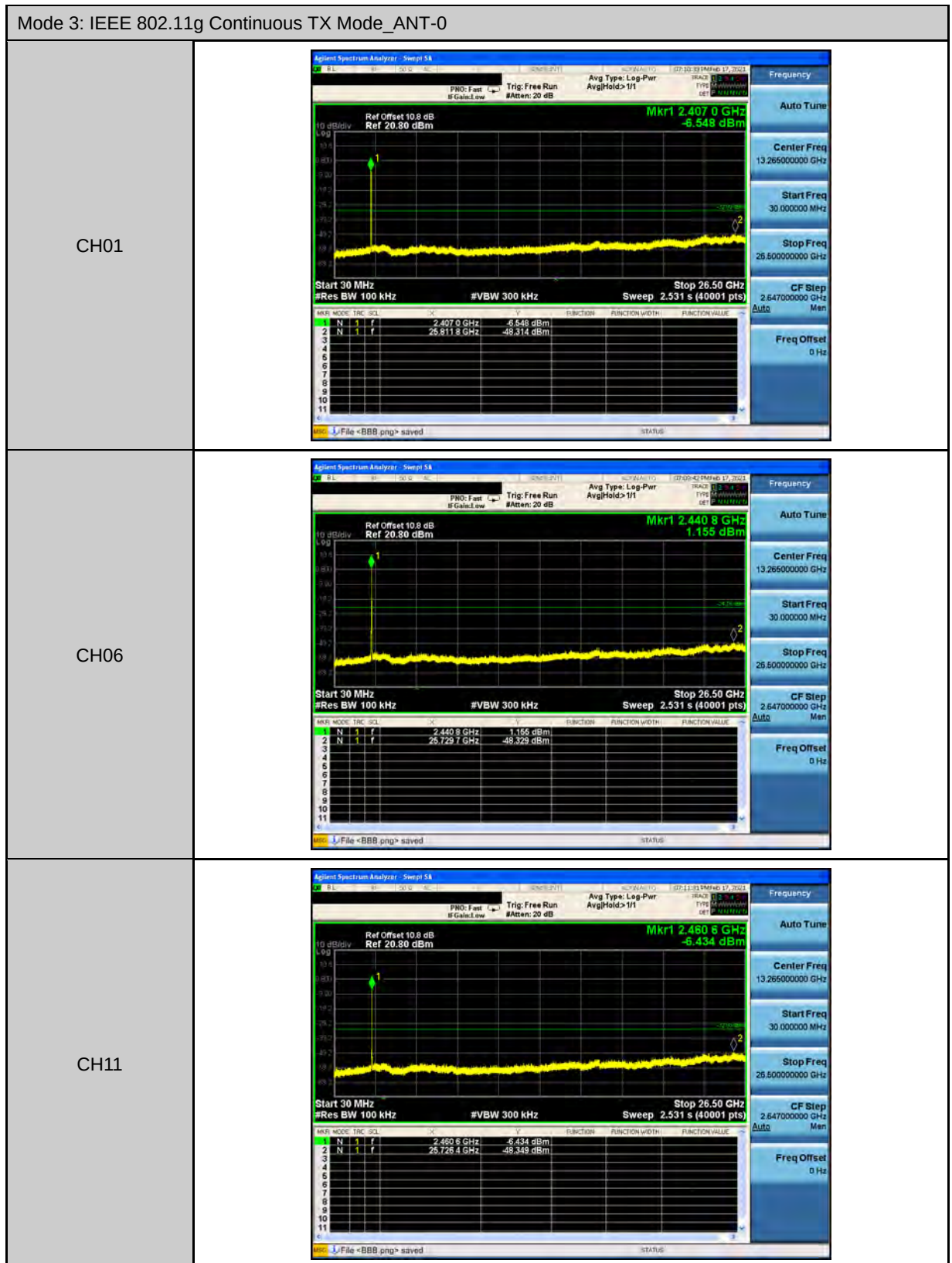
Annex C. Conducted Test Results (2.4 GHz)

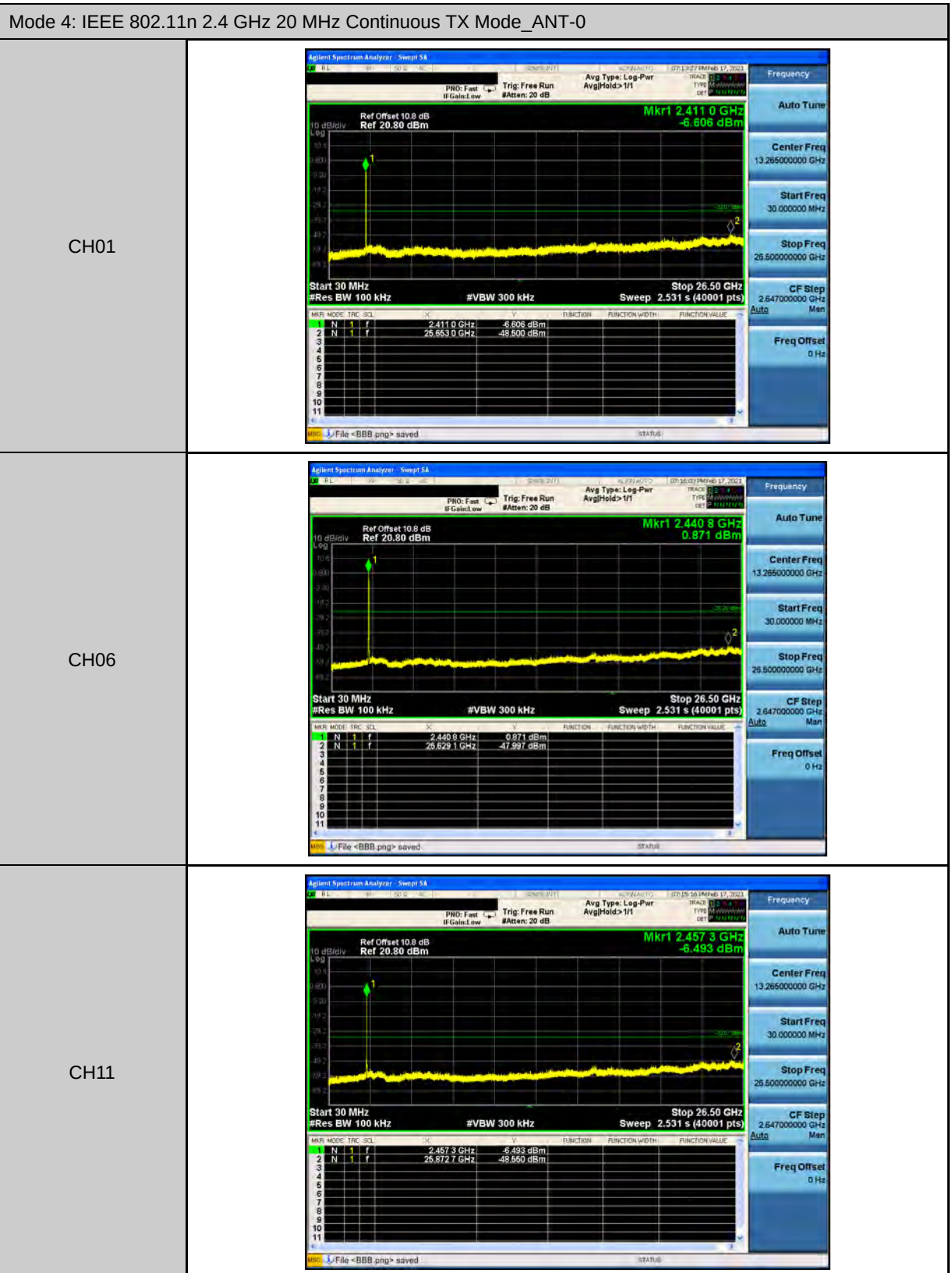
Maximum Conducted Output Power

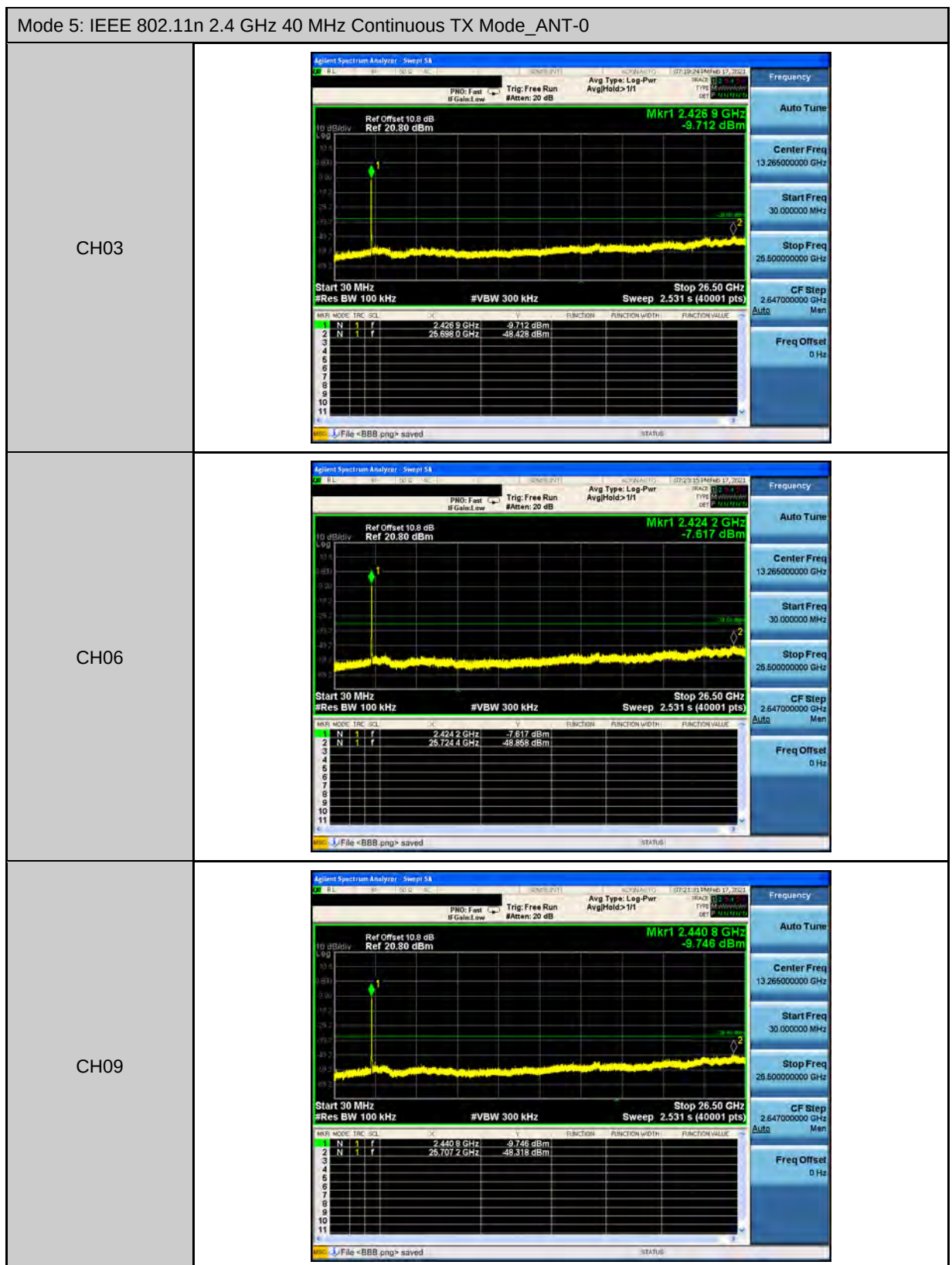
操作模式	Data Rate (Mbps)	頻道 CH	最大傳導輸出功率(Average)						Limit (dBm)
			ANT-0		ANT-1		ANT-0+1		
			dBm	W	dBm	W	dBm	W	
Mode 2	1	01	16.12	0.041	---	---	---	---	≤ 30.00
		06	16.07	0.040	---	---	---	---	≤ 30.00
		11	16.32	0.043	---	---	---	---	≤ 30.00
Mode 3	6	01	7.90	0.006	7.83	0.006	---	---	≤ 30.00
		06	15.90	0.039	15.56	0.036	---	---	≤ 30.00
		11	8.08	0.006	8.00	0.006	---	---	≤ 30.00
Mode 4	13	01	7.46	0.006	7.73	0.006	10.61	0.012	≤ 30.00
		06	15.35	0.034	15.06	0.032	18.22	0.066	≤ 30.00
		11	7.62	0.006	7.57	0.006	10.61	0.011	≤ 30.00
Mode 5	27	03	6.72	0.005	6.42	0.004	9.58	0.009	≤ 30.00
		06	9.03	0.008	8.73	0.007	11.89	0.015	≤ 30.00
		09	7.04	0.005	6.55	0.005	9.81	0.010	≤ 30.00
Mode 6	MCS0	01	8.08	0.006	7.29	0.005	10.71	0.012	≤ 30.00
		06	15.99	0.040	15.61	0.036	18.81	0.076	≤ 30.00
		11	8.14	0.007	7.49	0.006	10.84	0.012	≤ 30.00
Mode 7	MCS0	03	7.28	0.005	6.37	0.004	9.86	0.010	≤ 30.00
		06	9.38	0.009	8.44	0.007	11.95	0.016	≤ 30.00
		09	7.09	0.005	6.71	0.005	9.91	0.010	≤ 30.00

Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0										
CH01	 Agilent Spectrum Analyzer - Sweep 5A Ref Offset 10.0 dB Ref 20.80 dBm Mkr1 2.4123 GHz -6.680 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.531 s (40001 pts) <table><thead><tr><th>Marker</th><th>Freq</th><th>Power</th></tr></thead><tbody><tr><td>1</td><td>2.4123 GHz</td><td>-6.680 dBm</td></tr><tr><td>2</td><td>26.6834 GHz</td><td>-48.220 dBm</td></tr></tbody></table> File <BBB.png> saved	Marker	Freq	Power	1	2.4123 GHz	-6.680 dBm	2	26.6834 GHz	-48.220 dBm
Marker	Freq	Power								
1	2.4123 GHz	-6.680 dBm								
2	26.6834 GHz	-48.220 dBm								
CH06	 Agilent Spectrum Analyzer - Sweep 5A Ref Offset 10.0 dB Ref 20.80 dBm Mkr1 2.4368 GHz -6.584 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.531 s (40001 pts) <table><thead><tr><th>Marker</th><th>Freq</th><th>Power</th></tr></thead><tbody><tr><td>1</td><td>2.4368 GHz</td><td>-6.584 dBm</td></tr><tr><td>2</td><td>26.7244 GHz</td><td>-48.192 dBm</td></tr></tbody></table> File <BBB.png> saved	Marker	Freq	Power	1	2.4368 GHz	-6.584 dBm	2	26.7244 GHz	-48.192 dBm
Marker	Freq	Power								
1	2.4368 GHz	-6.584 dBm								
2	26.7244 GHz	-48.192 dBm								
CH11	 Agilent Spectrum Analyzer - Sweep 5A Ref Offset 10.0 dB Ref 20.80 dBm Mkr1 2.4628 GHz -6.791 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.531 s (40001 pts) <table><thead><tr><th>Marker</th><th>Freq</th><th>Power</th></tr></thead><tbody><tr><td>1</td><td>2.4628 GHz</td><td>-6.791 dBm</td></tr><tr><td>2</td><td>26.7008 GHz</td><td>-48.049 dBm</td></tr></tbody></table> File <BBB.png> saved	Marker	Freq	Power	1	2.4628 GHz	-6.791 dBm	2	26.7008 GHz	-48.049 dBm
Marker	Freq	Power								
1	2.4628 GHz	-6.791 dBm								
2	26.7008 GHz	-48.049 dBm								

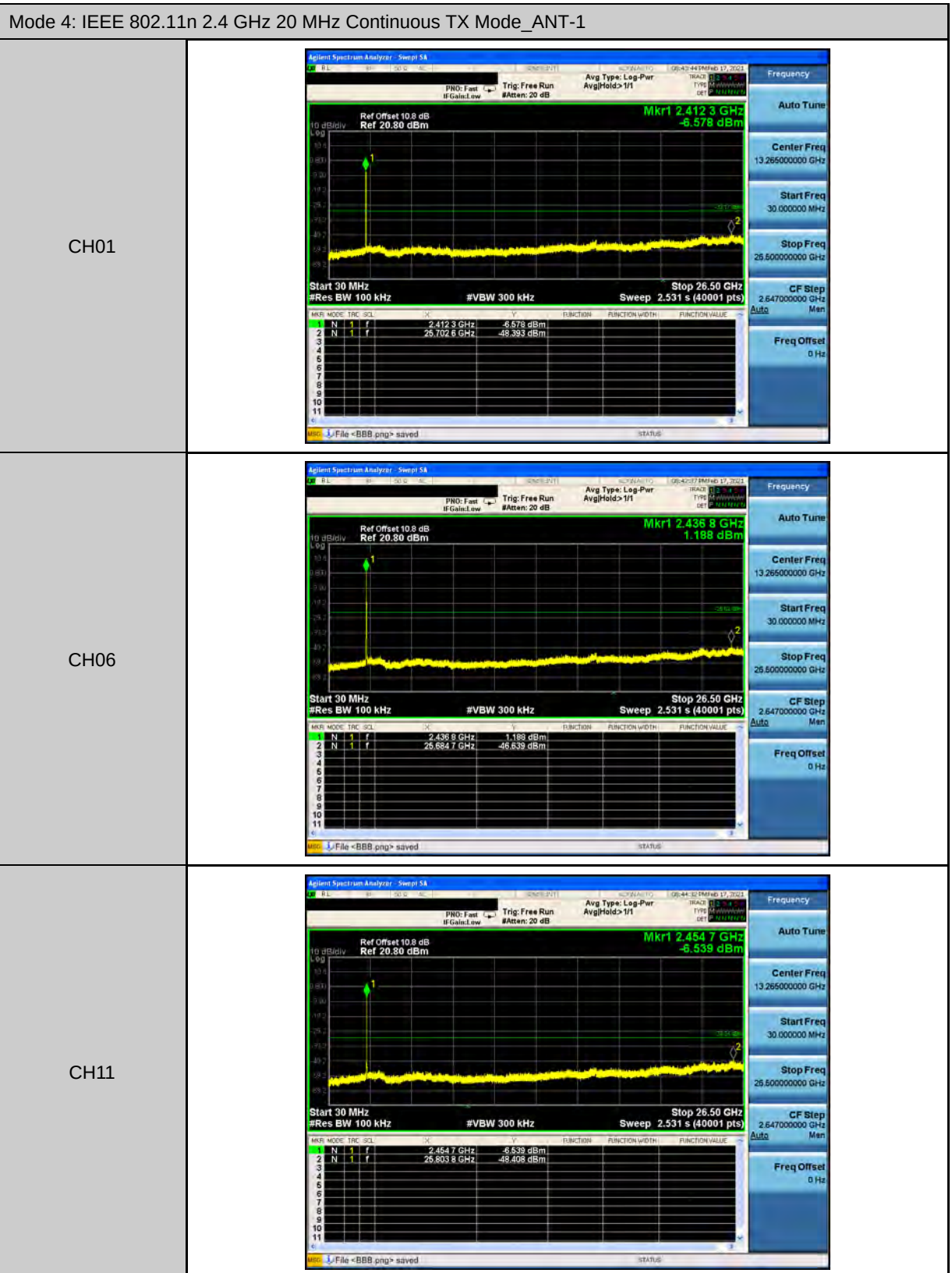


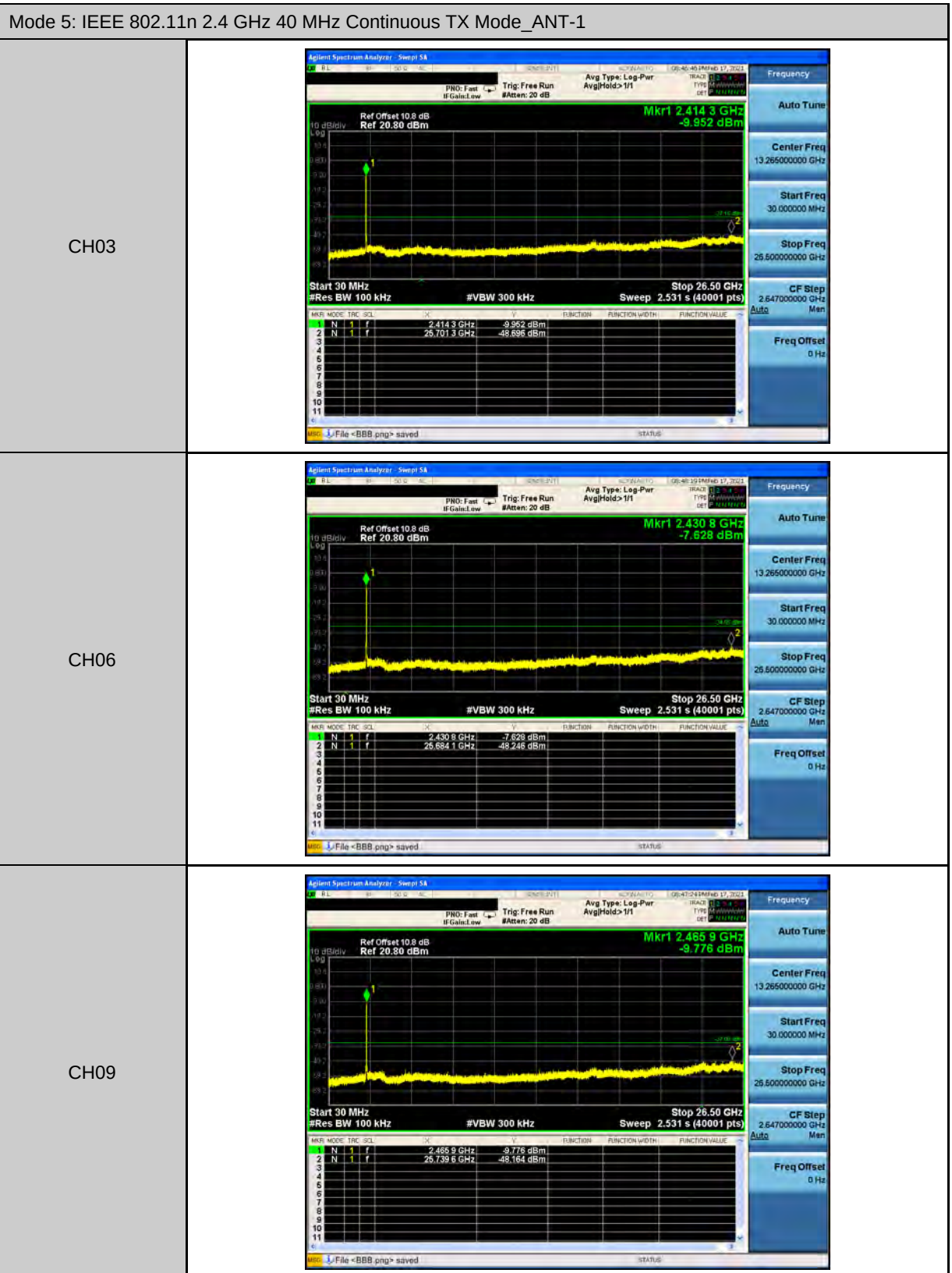


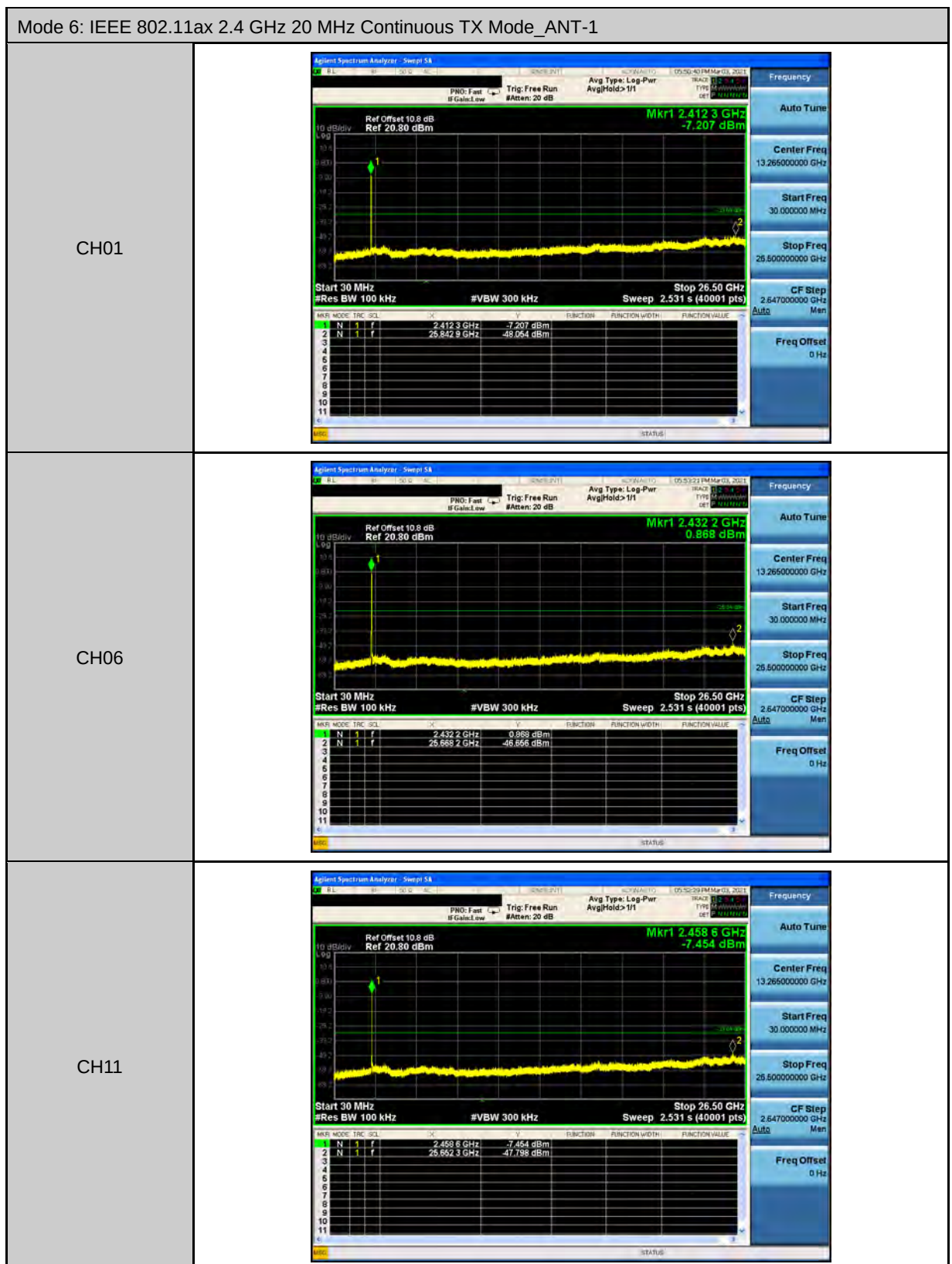


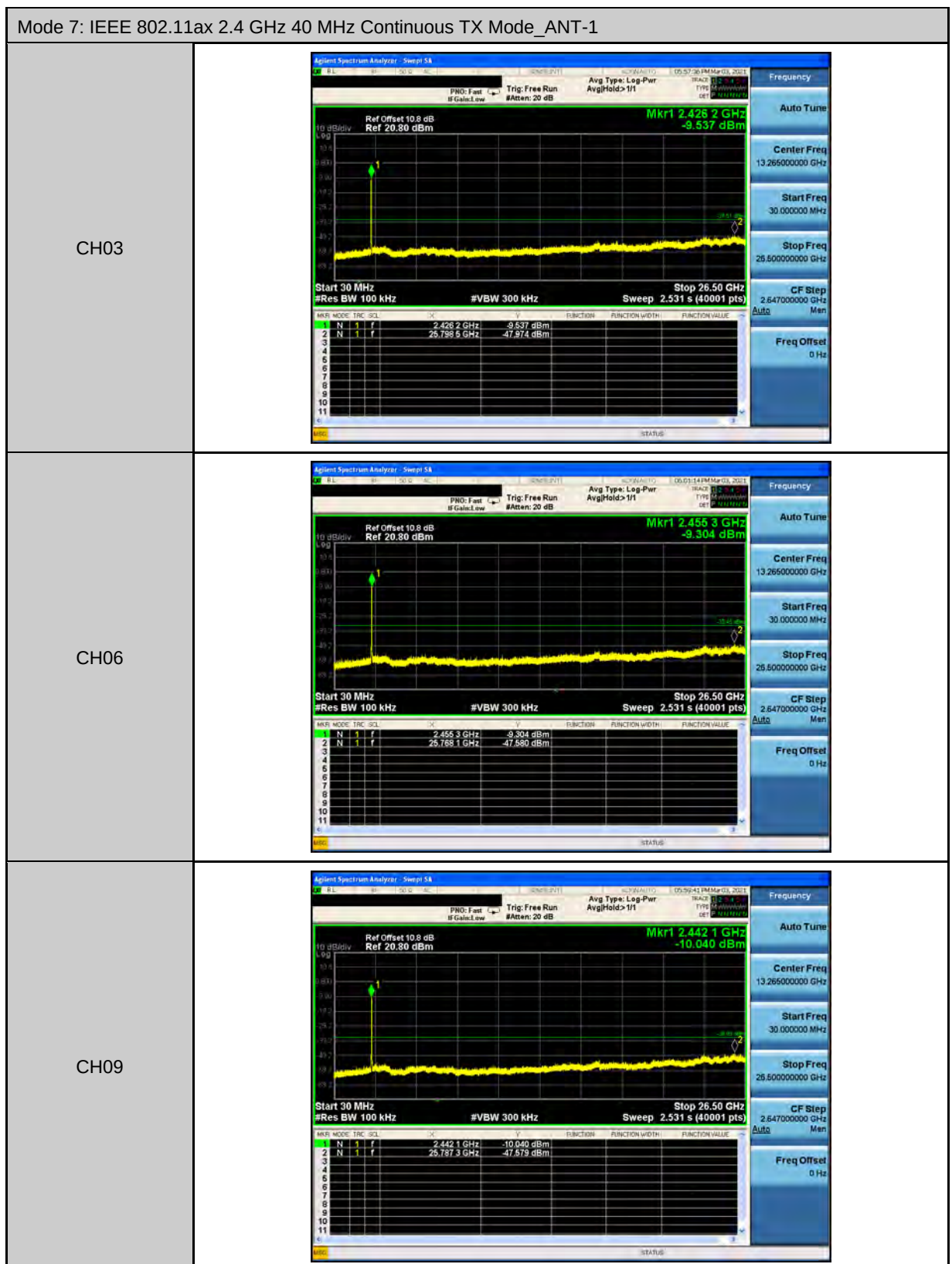








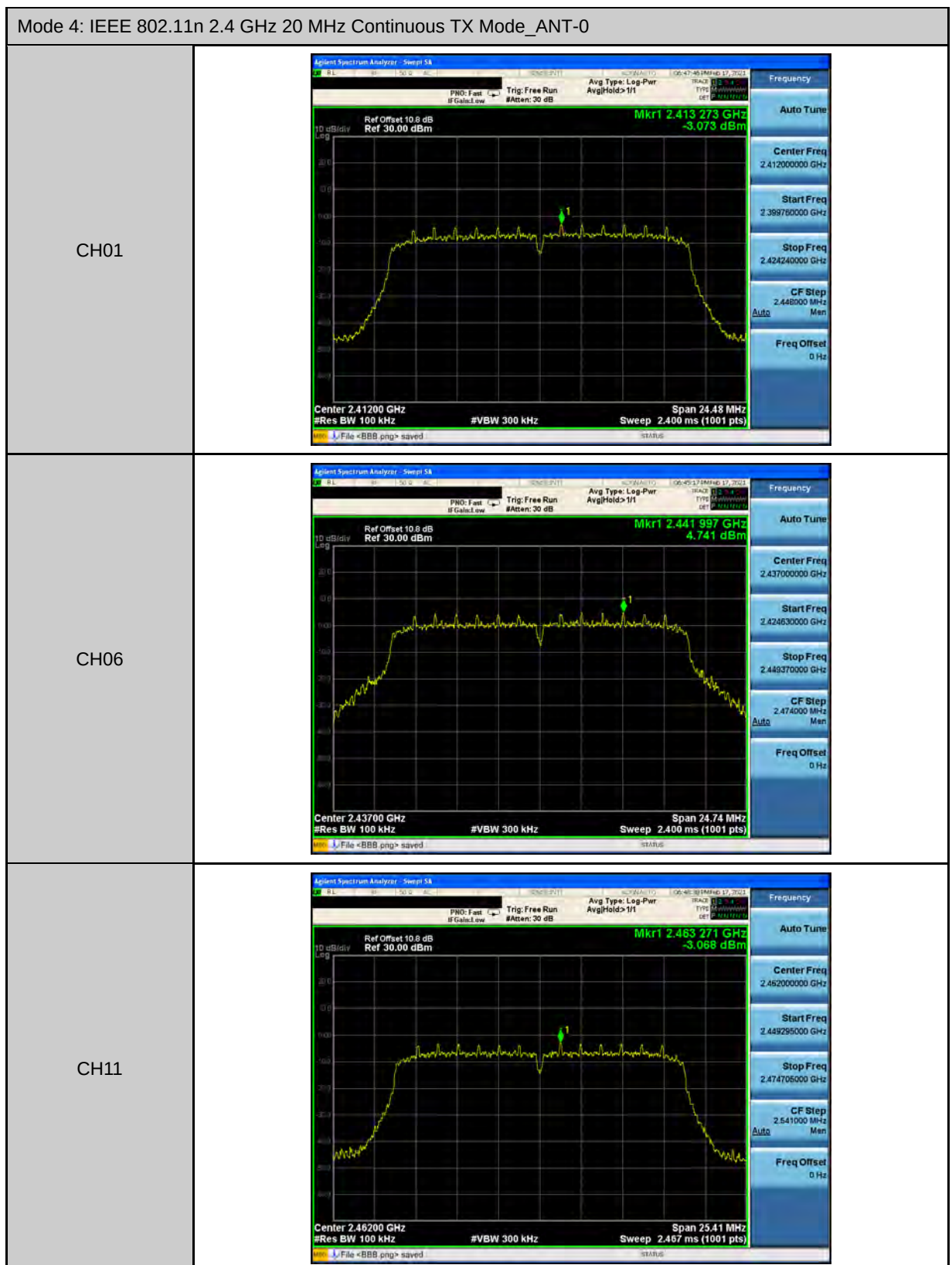


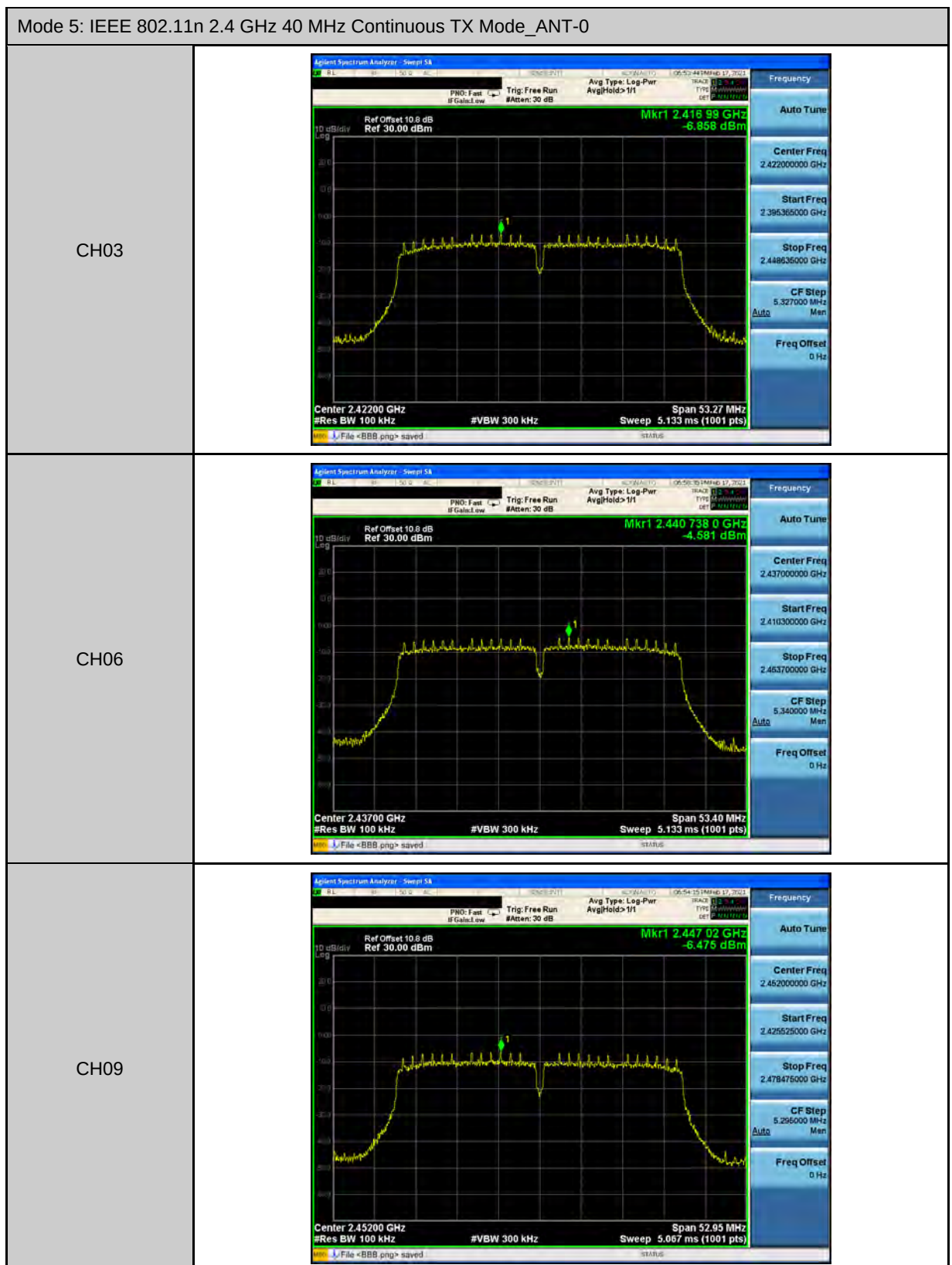


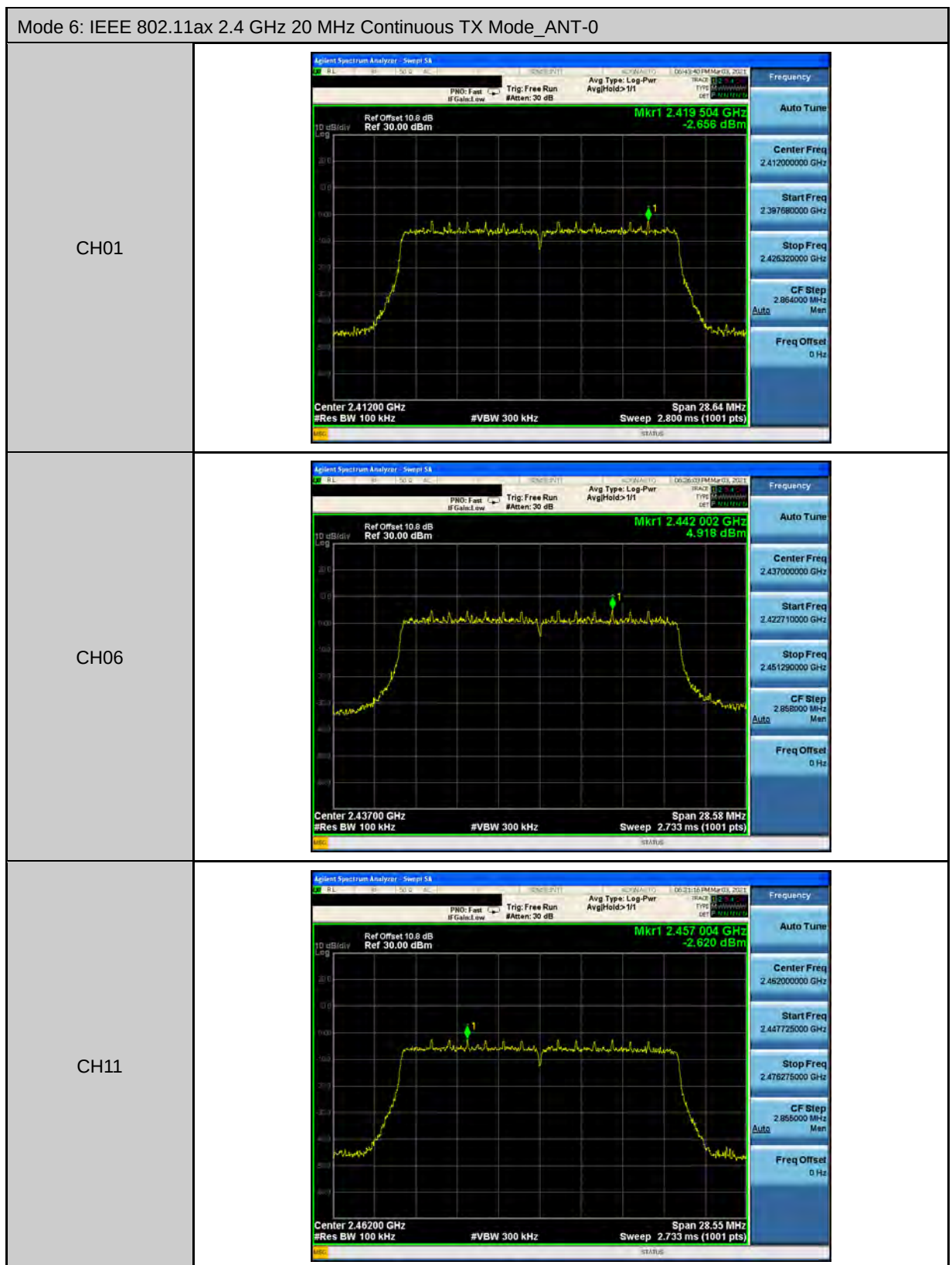
Reference level

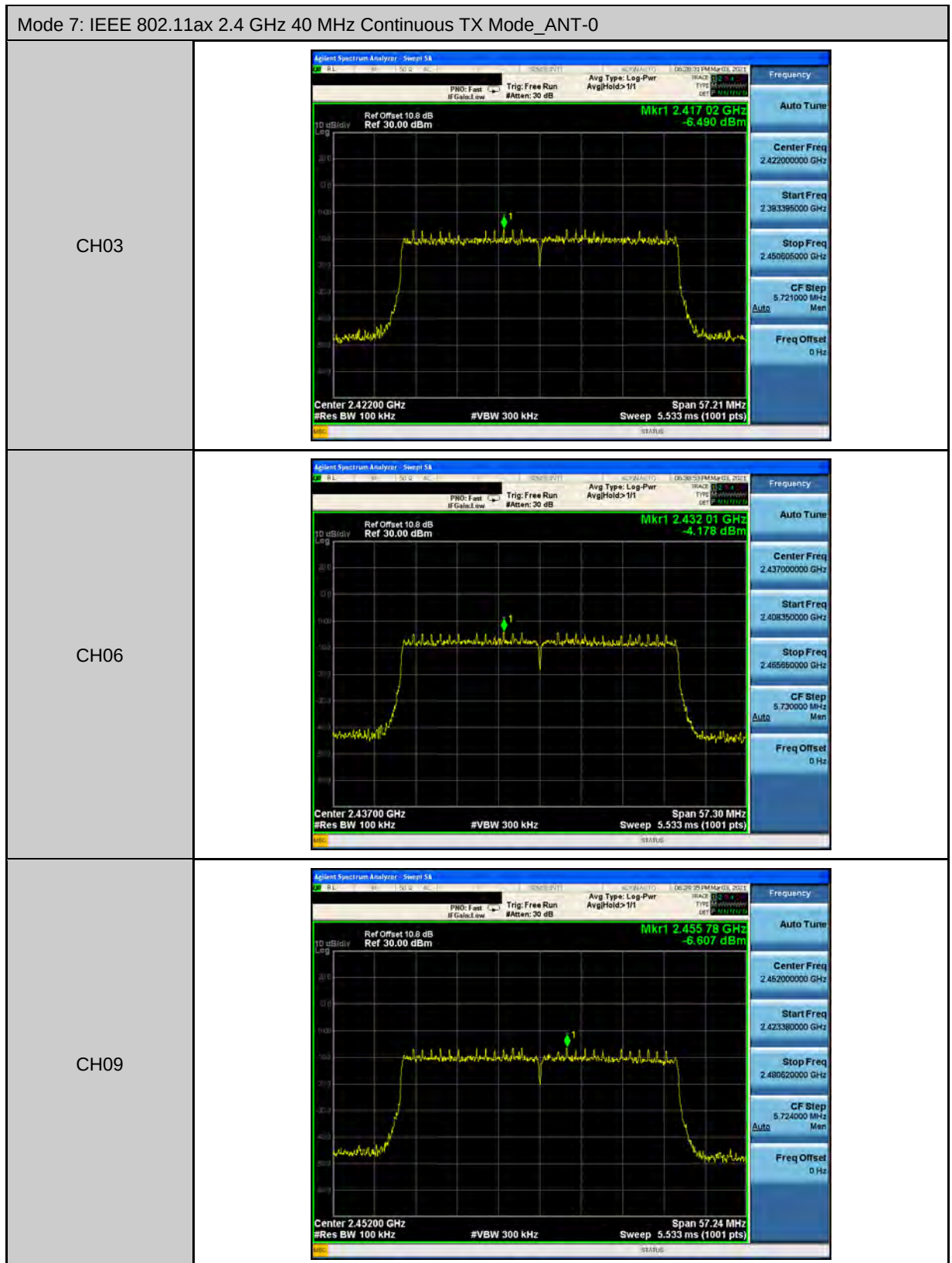
Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0	
CH01	 Agilent Spectrum Analyzer - Sweep 5A Ref Offset: 10.0 dB Ref: 30.00 dBm Mkr1 2.411 497 GHz 8.305 dBm Center 2.412000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.267 ms (1001 pts) Span 12.89 MHz File <BBB.png> saved Frequency Auto Tune Center Freq 2.41200000 GHz Start Freq 2.40555000 GHz Stop Freq 2.41844500 GHz CF Step 1.289000 MHz Auto Men Freq Offset 0 Hz
CH06	 Agilent Spectrum Analyzer - Sweep 5A Ref Offset: 10.0 dB Ref: 30.00 dBm Mkr1 2.437 503 GHz 8.319 dBm Center 2.437000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.267 ms (1001 pts) Span 12.89 MHz File <BBB.png> saved Frequency Auto Tune Center Freq 2.43700000 GHz Start Freq 2.43055000 GHz Stop Freq 2.44344500 GHz CF Step 1.289000 MHz Auto Men Freq Offset 0 Hz
CH11	 Agilent Spectrum Analyzer - Sweep 5A Ref Offset: 10.0 dB Ref: 30.00 dBm Mkr1 2.461 509 GHz 8.396 dBm Center 2.462000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.267 ms (1001 pts) Span 12.92 MHz File <BBB.png> saved Frequency Auto Tune Center Freq 2.46200000 GHz Start Freq 2.45554000 GHz Stop Freq 2.46846000 GHz CF Step 1.292000 MHz Auto Men Freq Offset 0 Hz

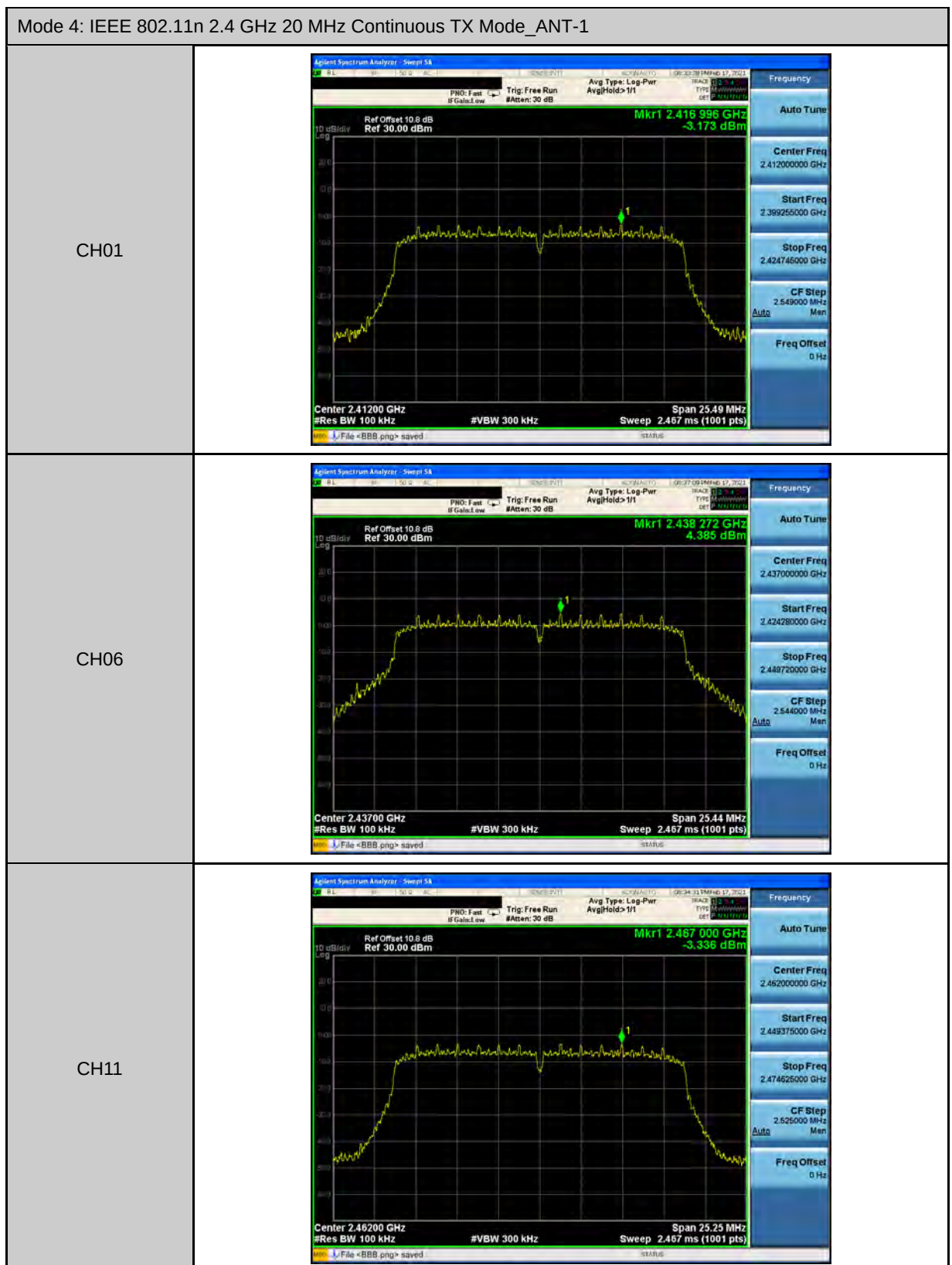


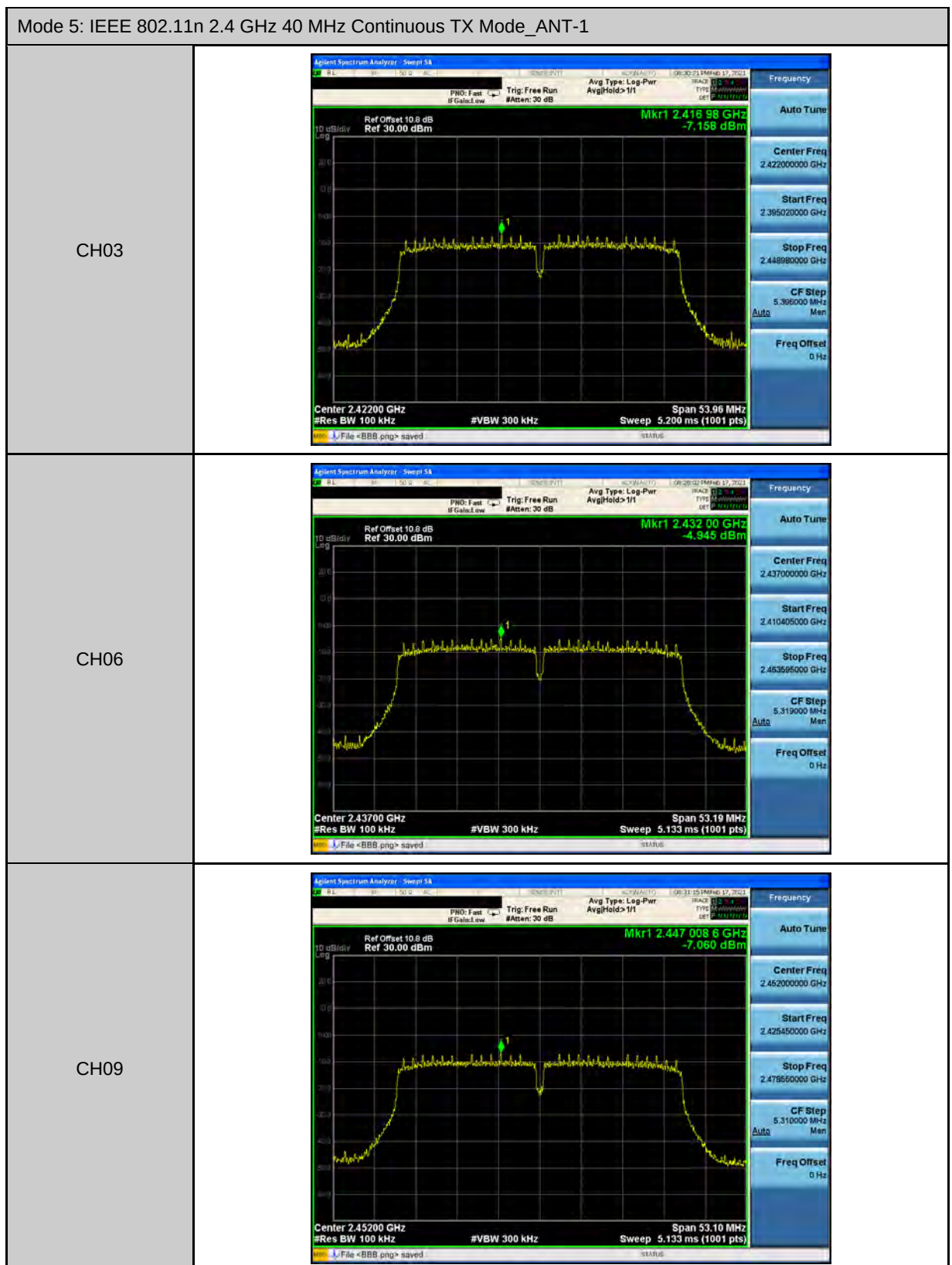


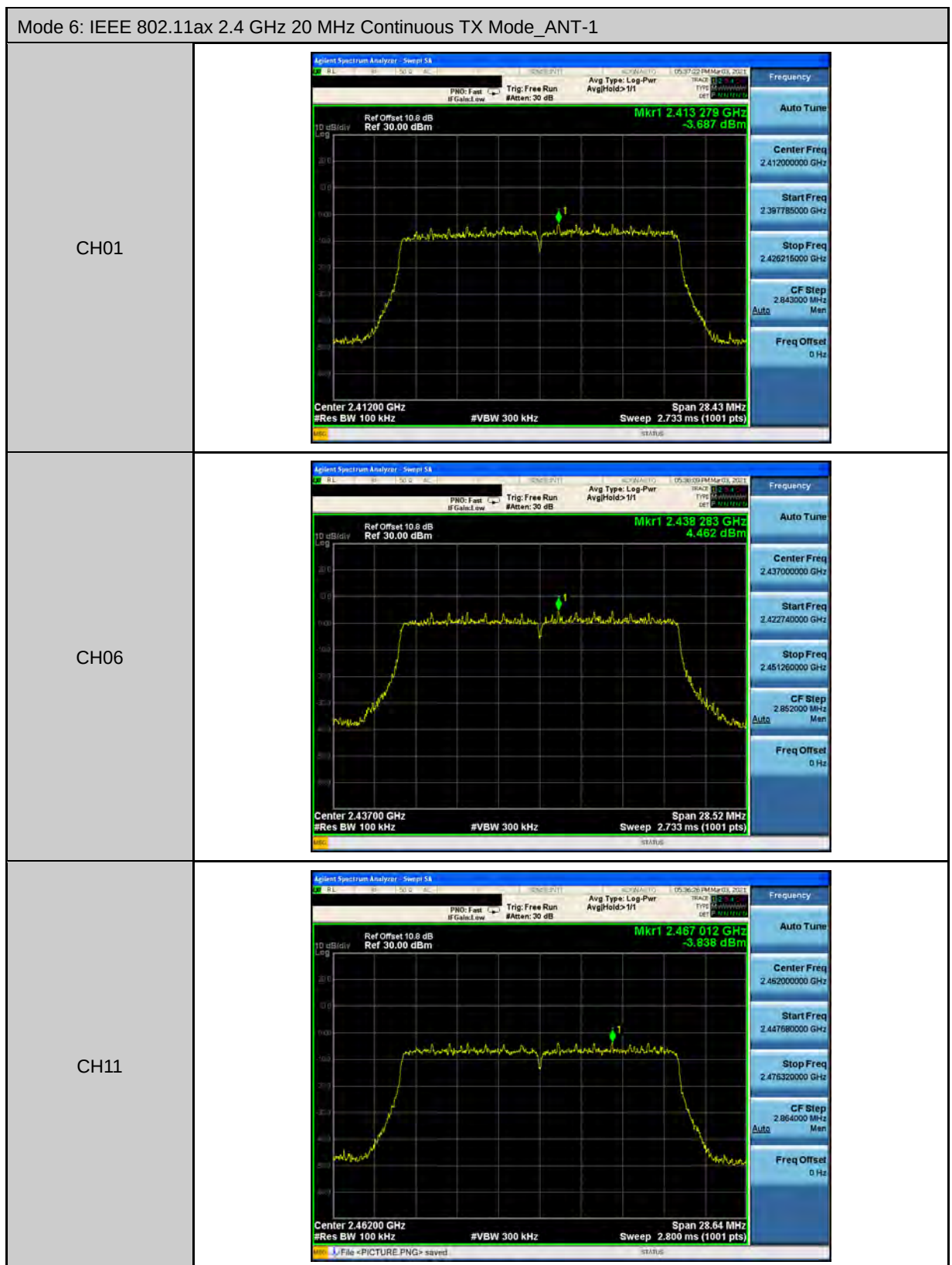


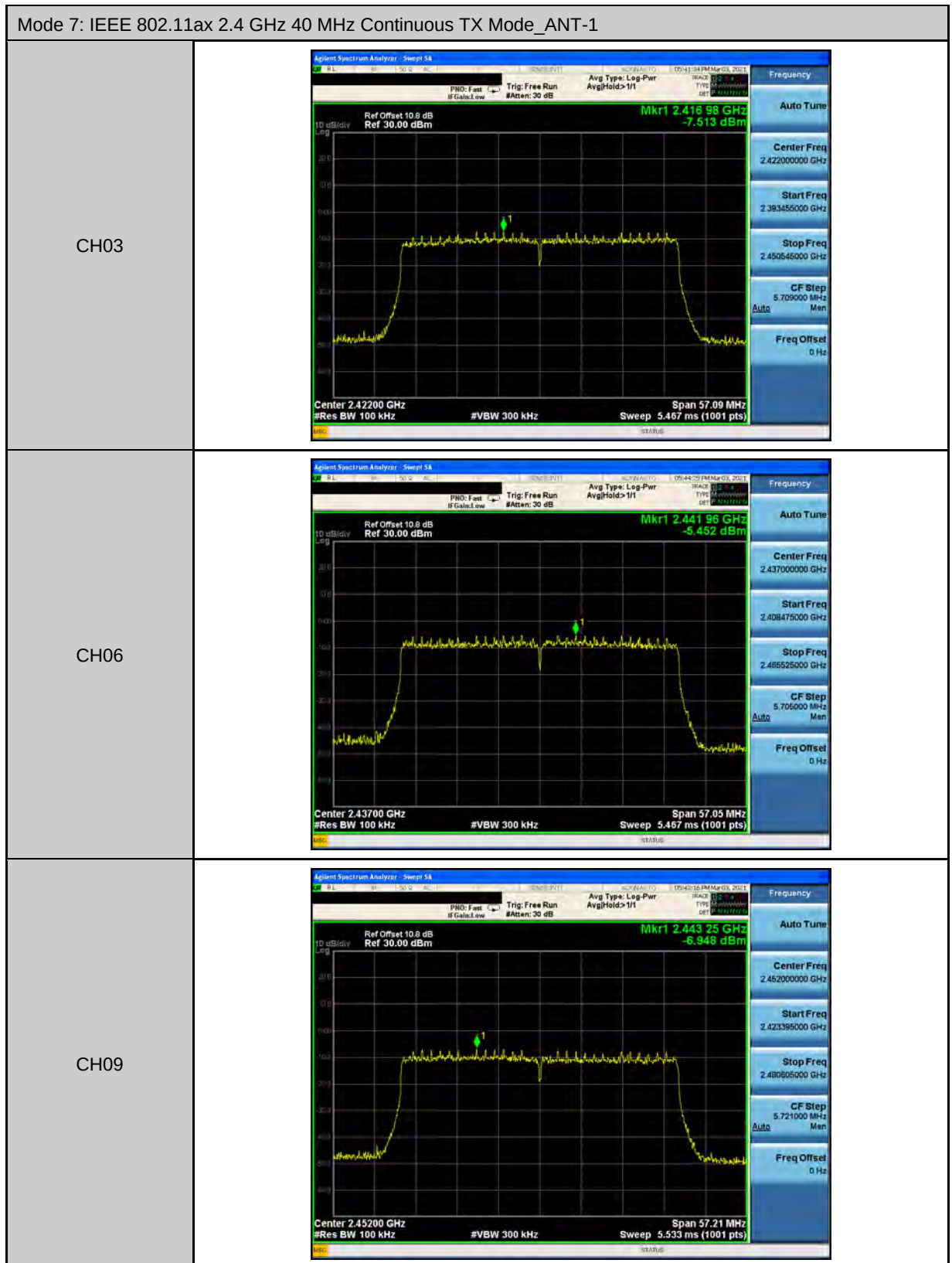








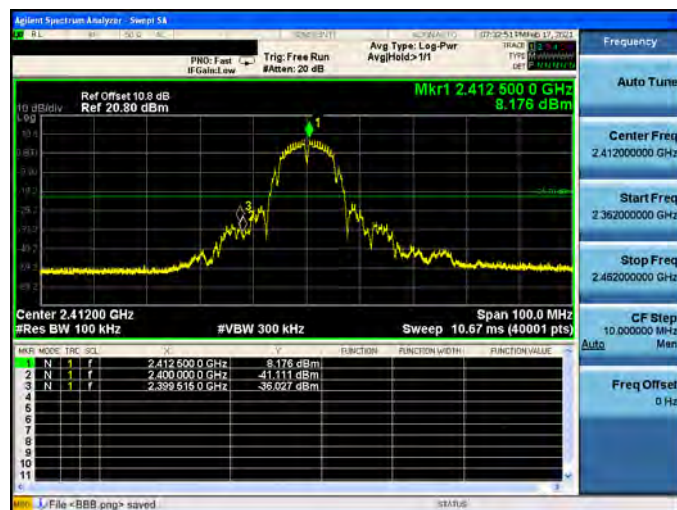




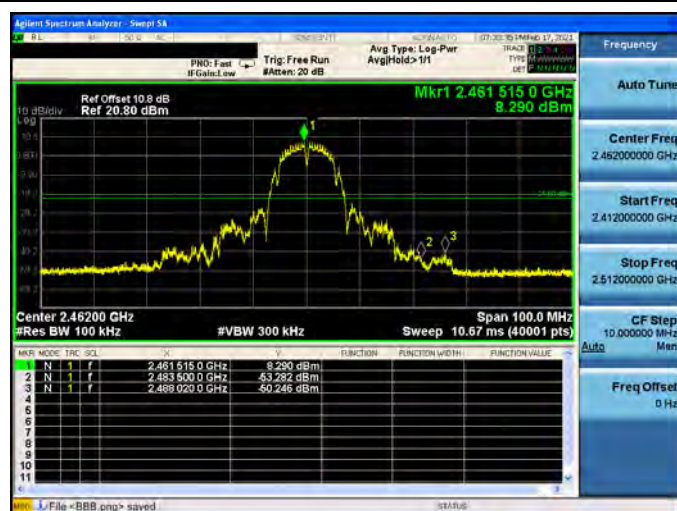
Conducted Band Edge

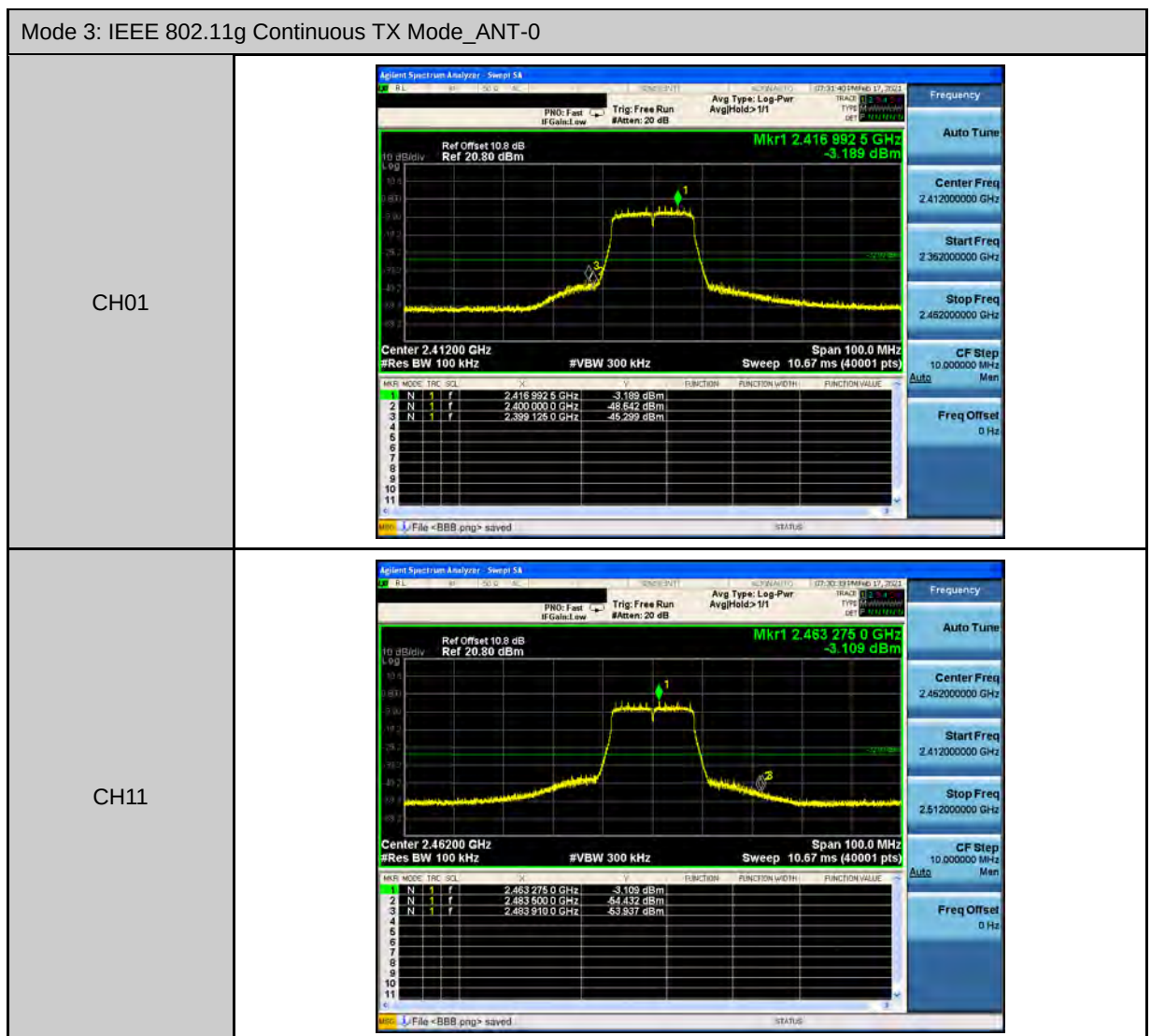
Mode 2: IEEE 802.11b Continuous TX Mode_ANT-0

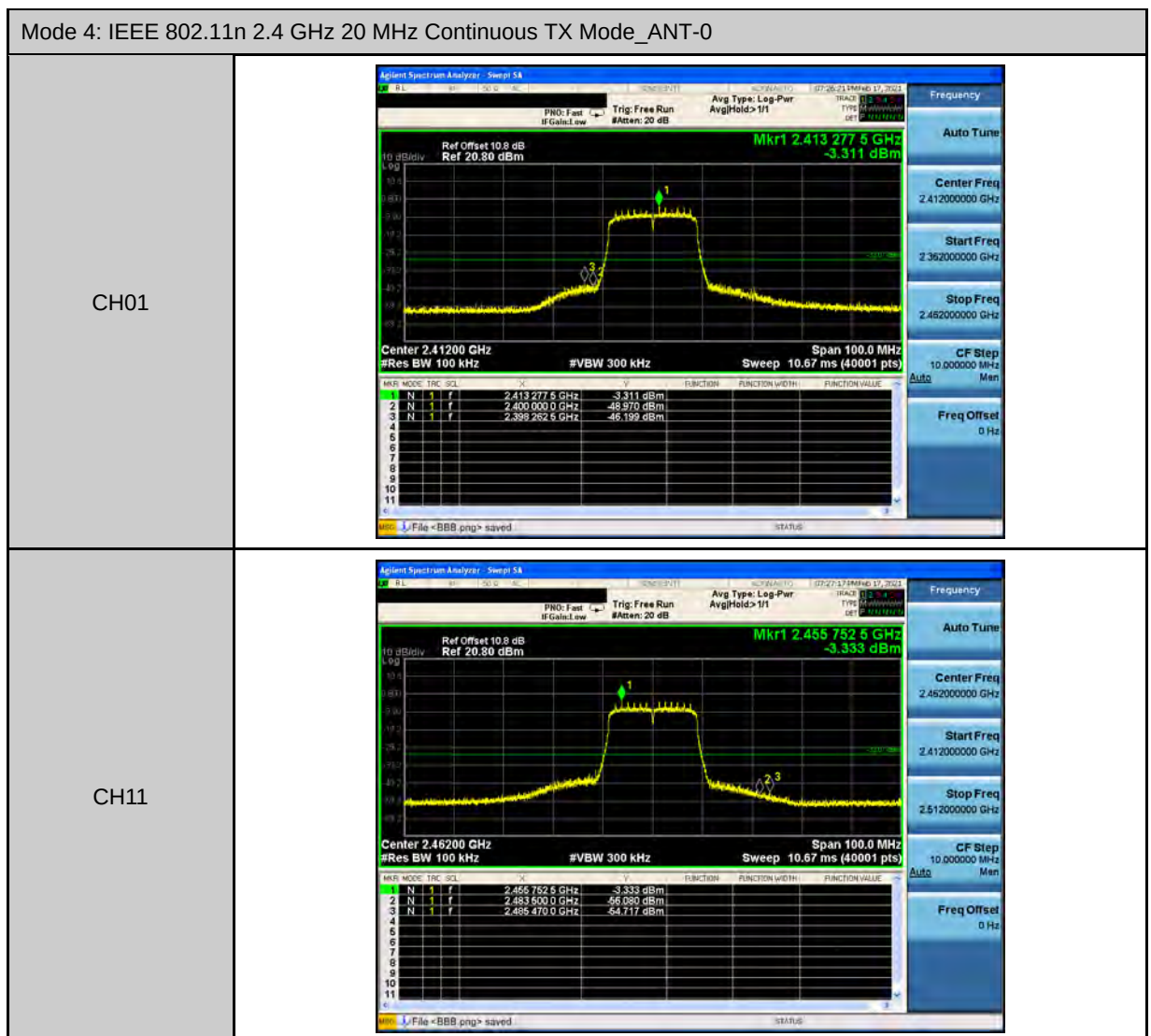
CH01

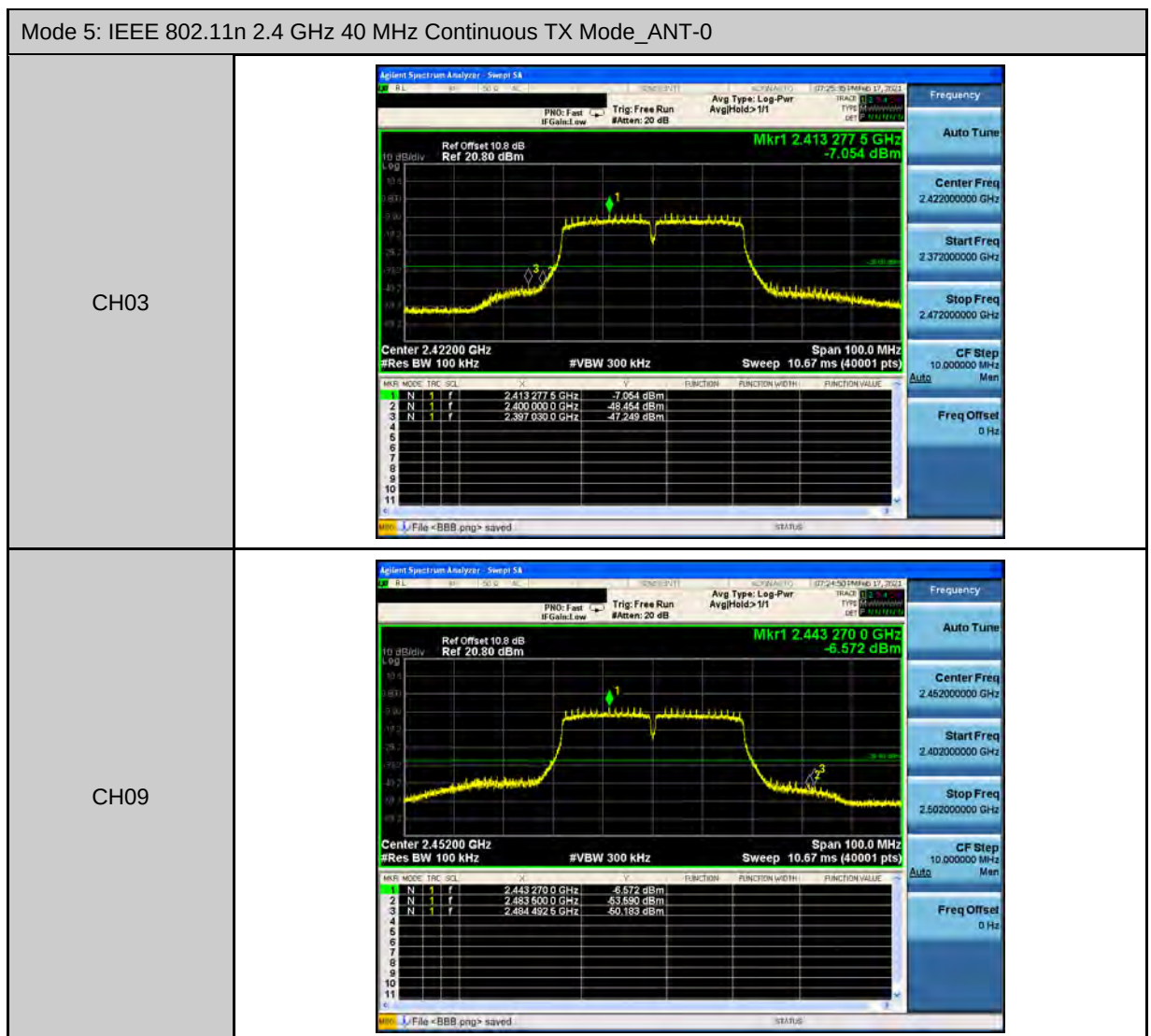


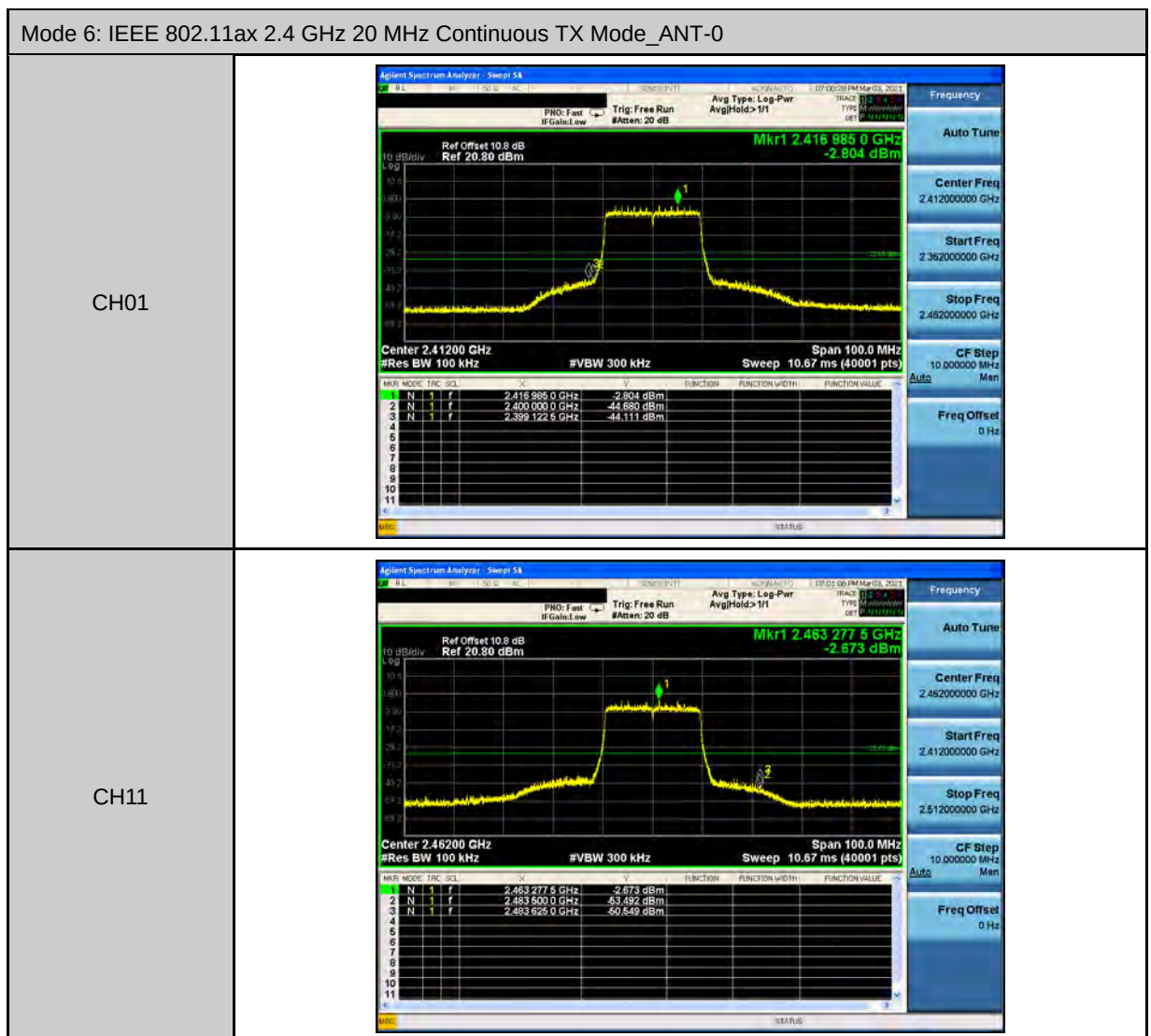
CH11

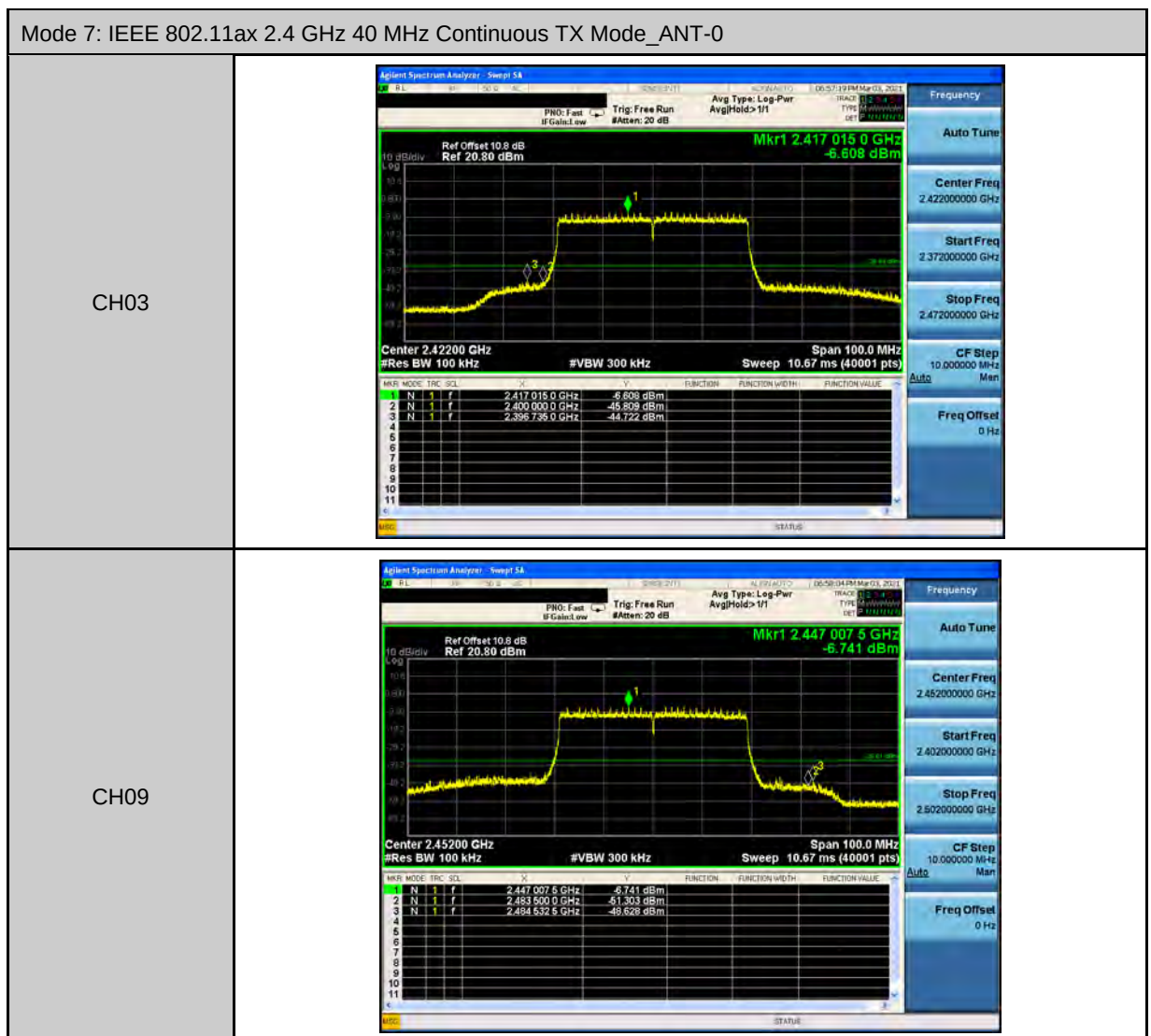


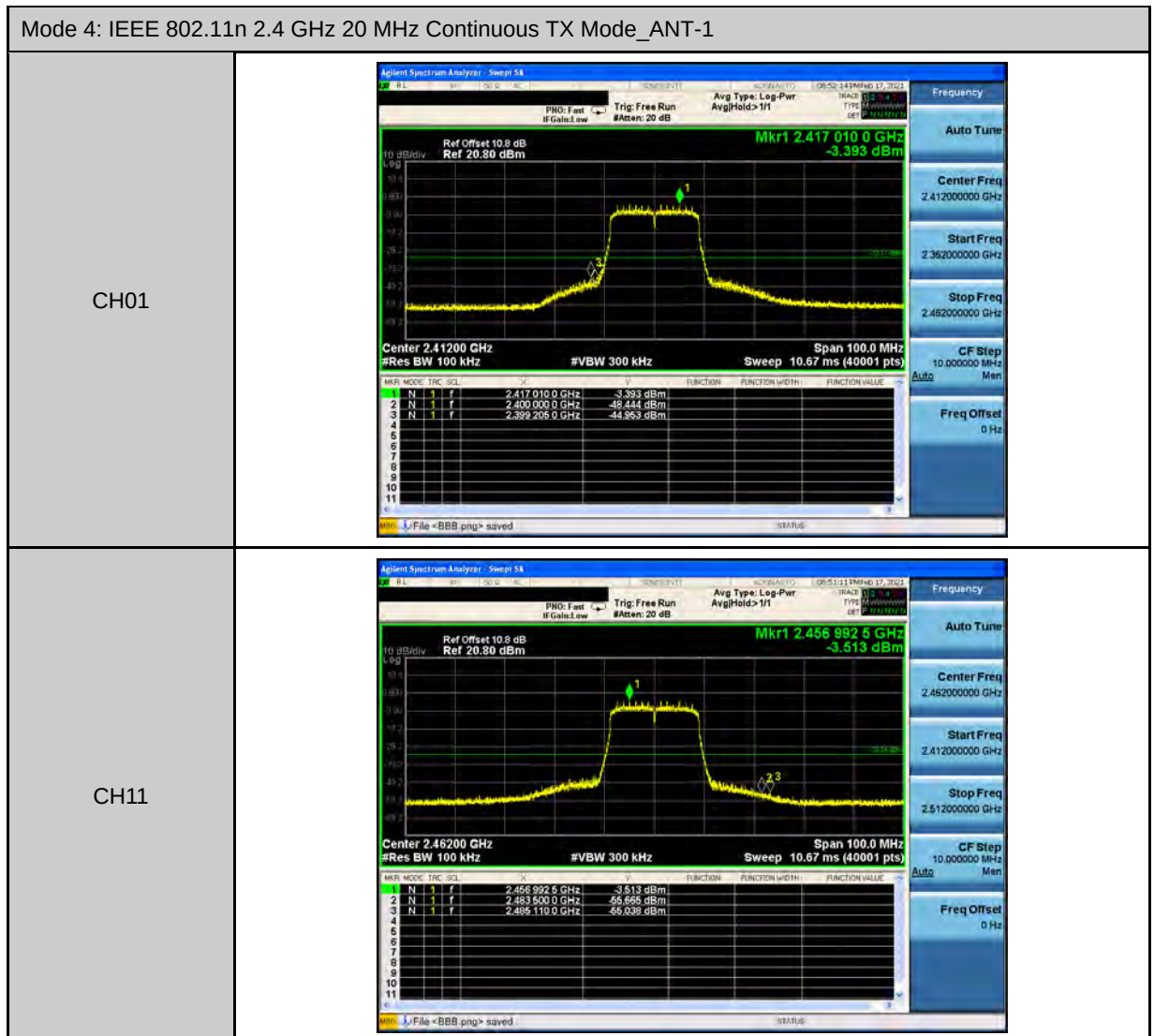


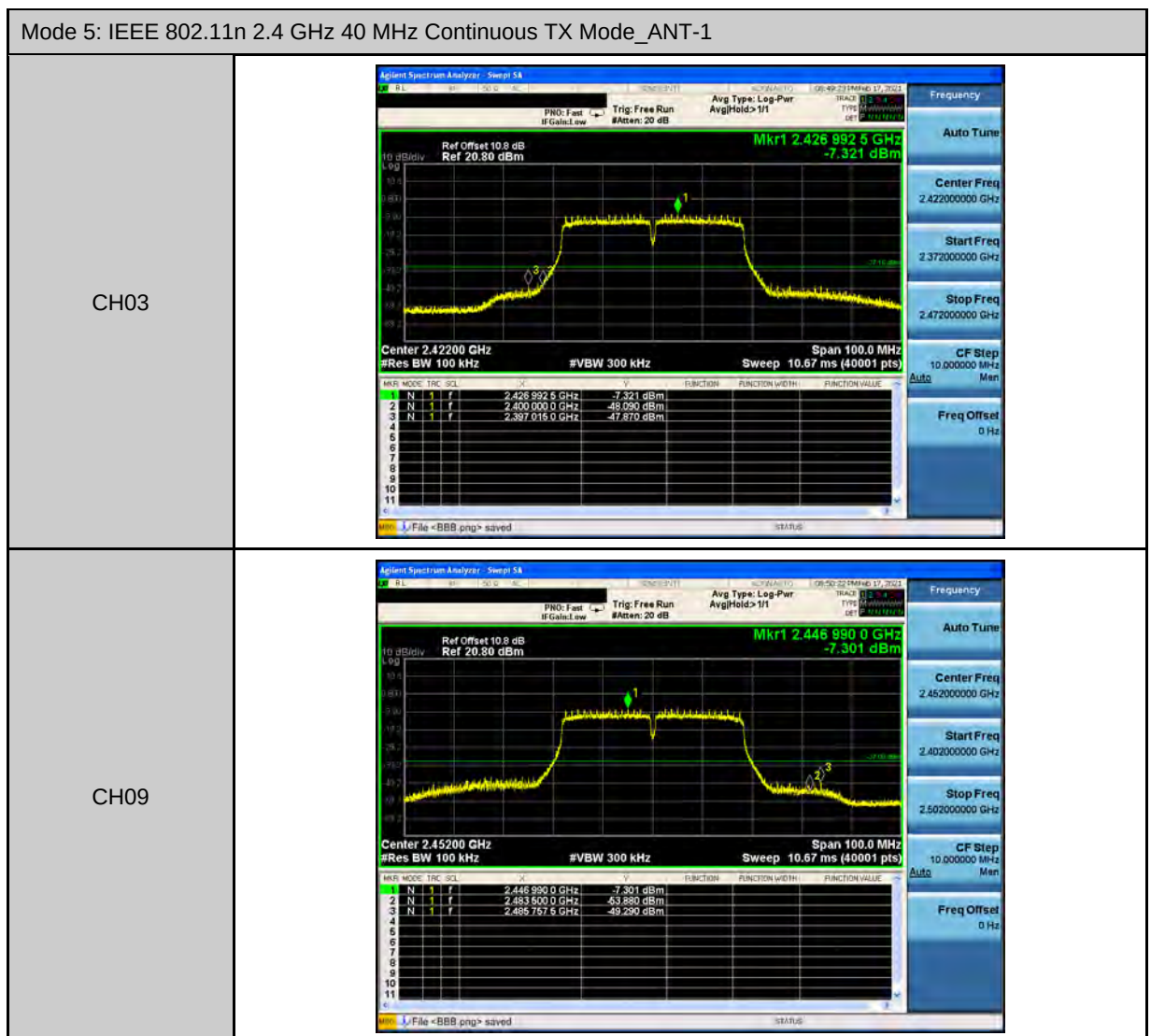


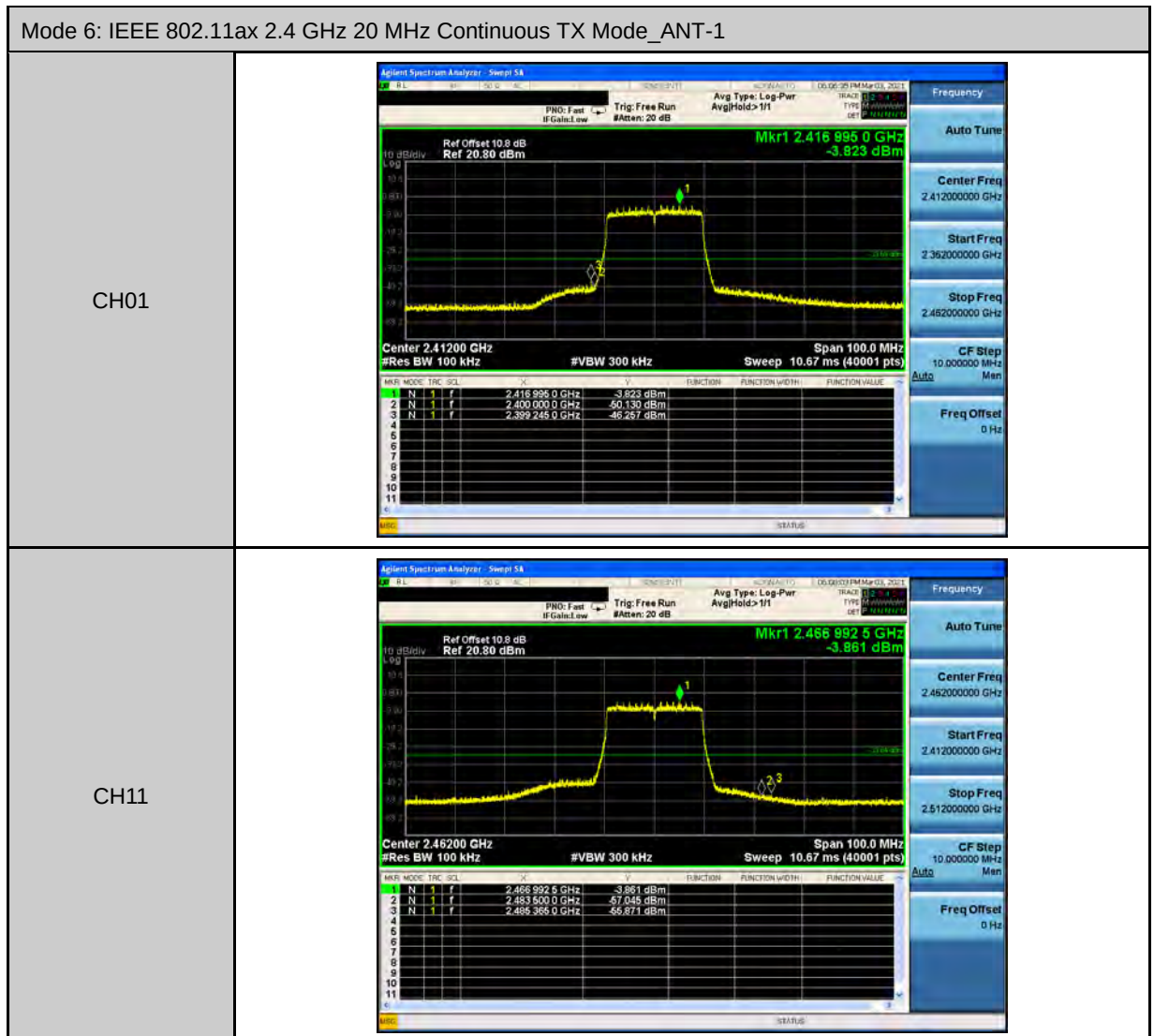


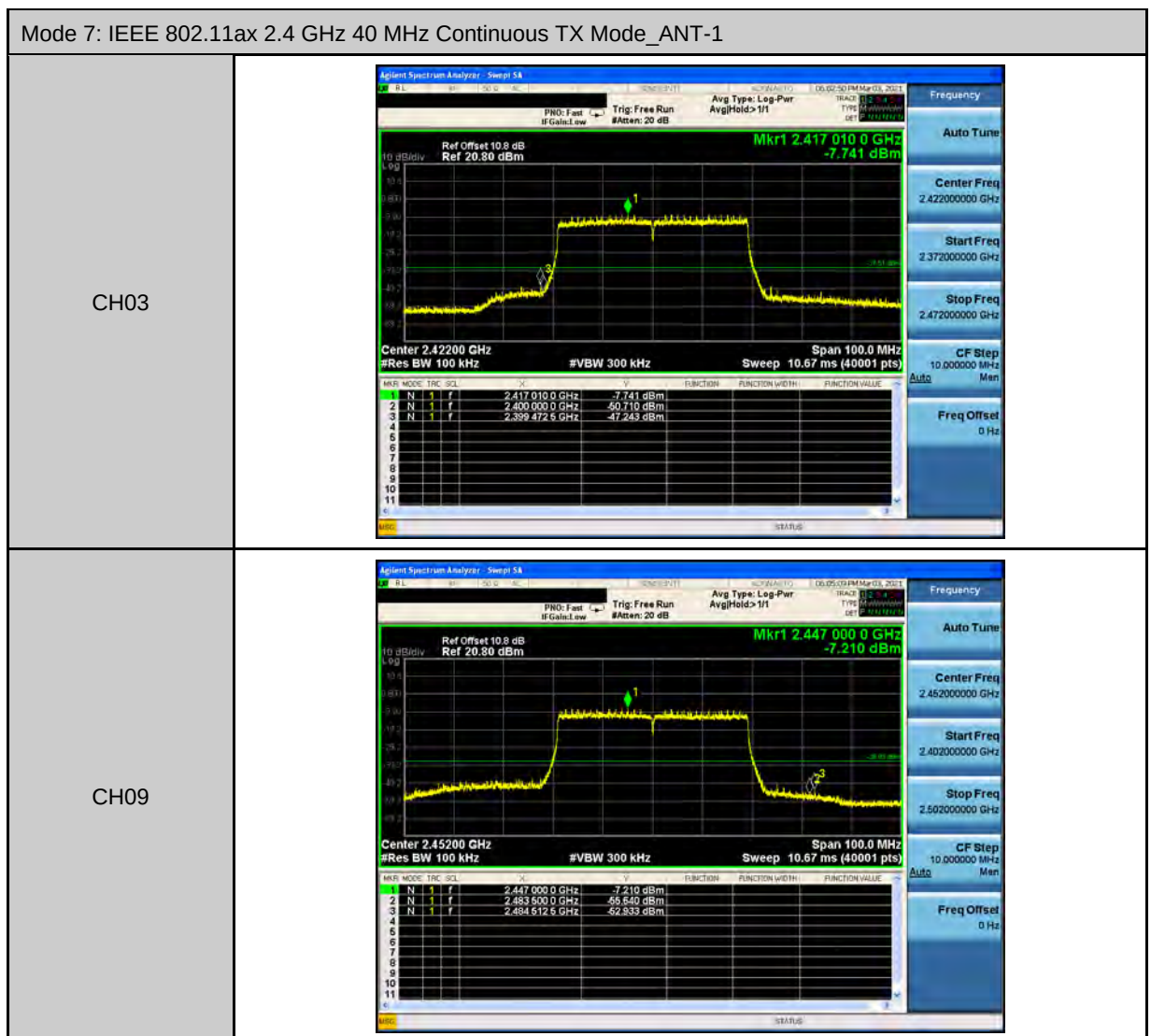








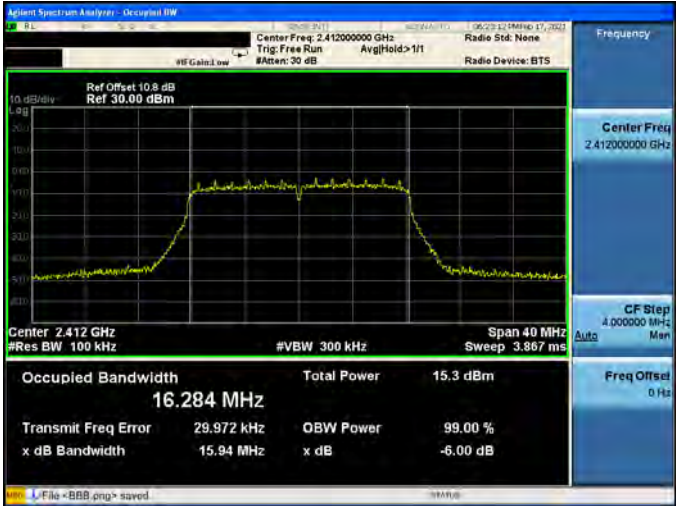
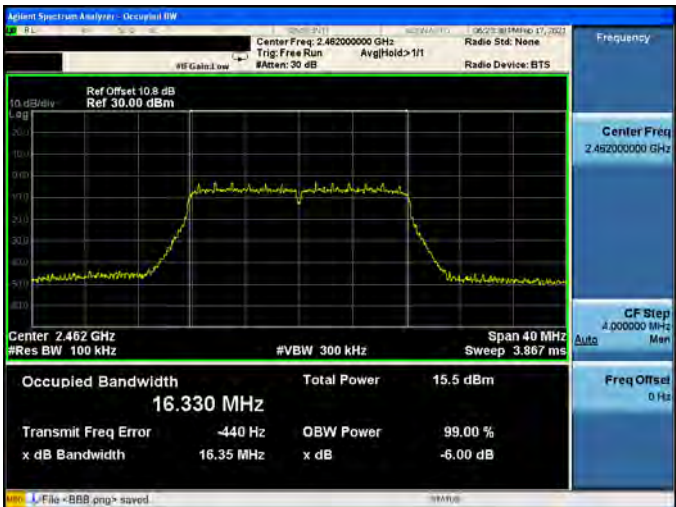


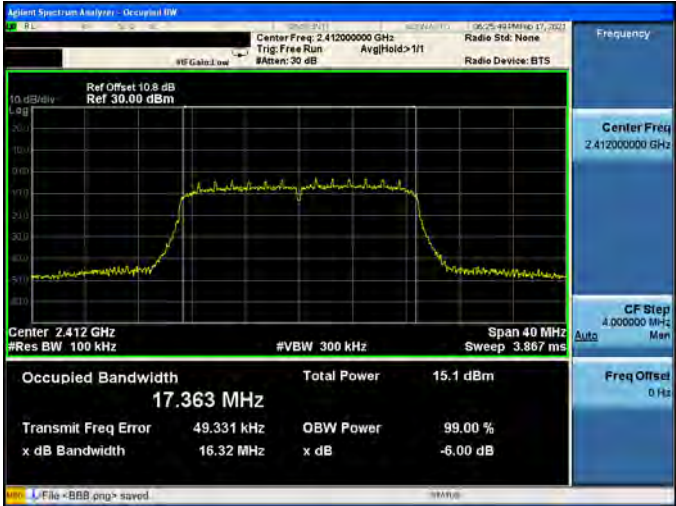
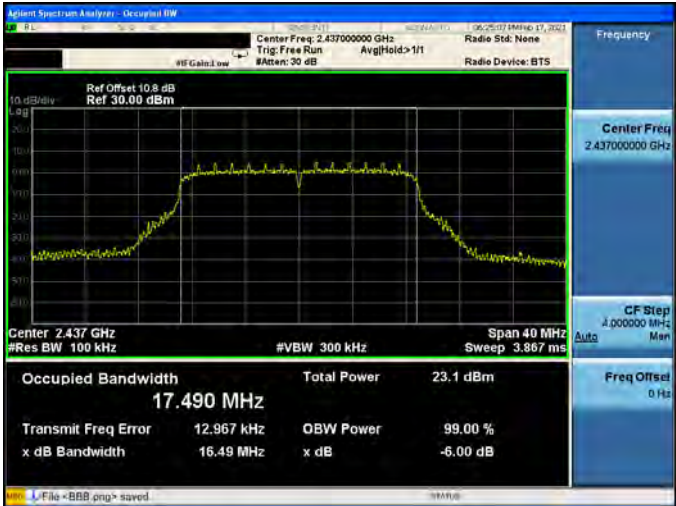
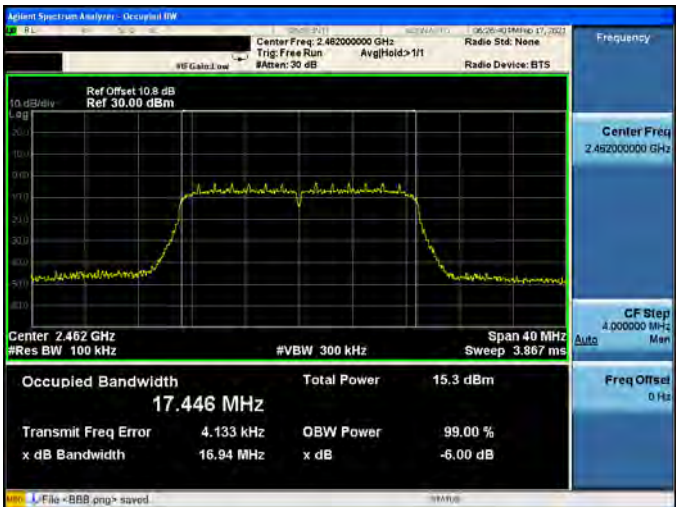


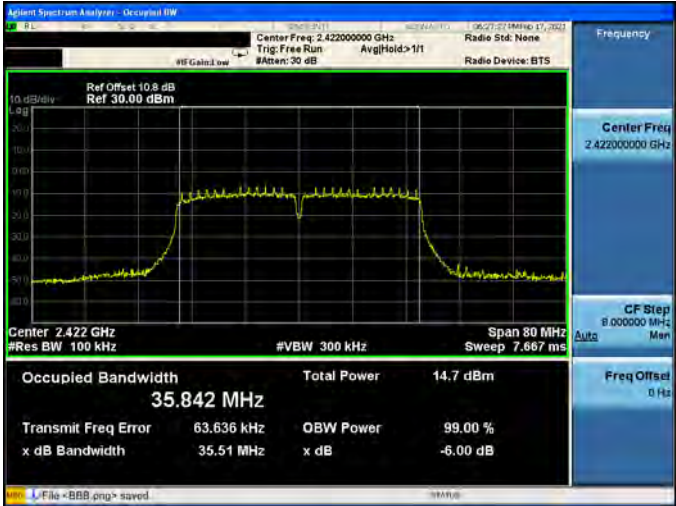
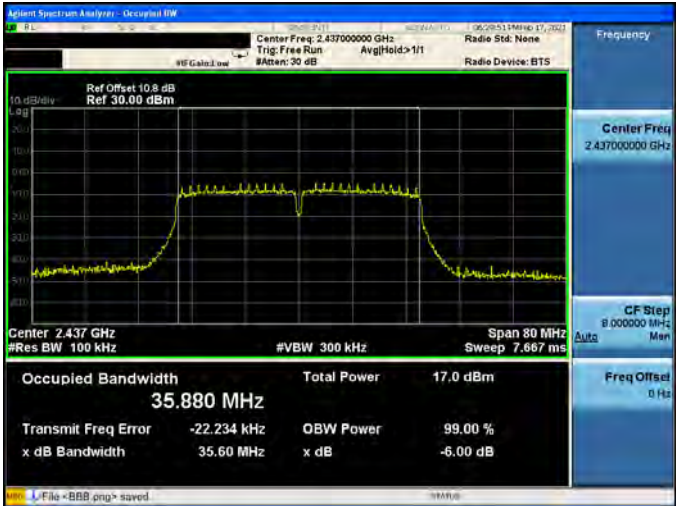
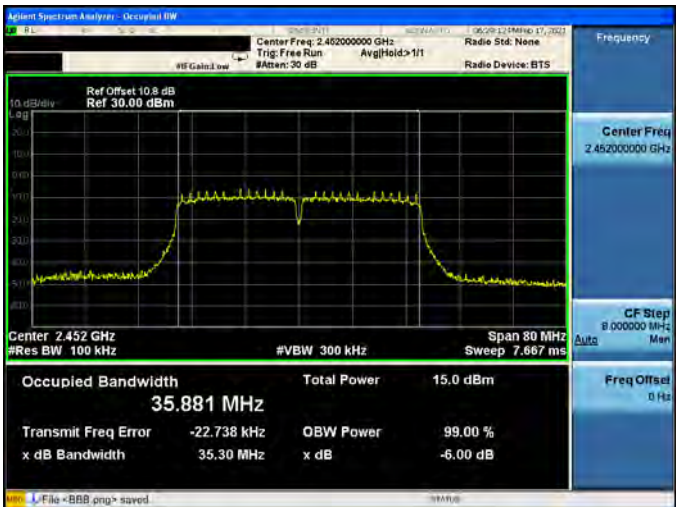
6 dB Bandwidth

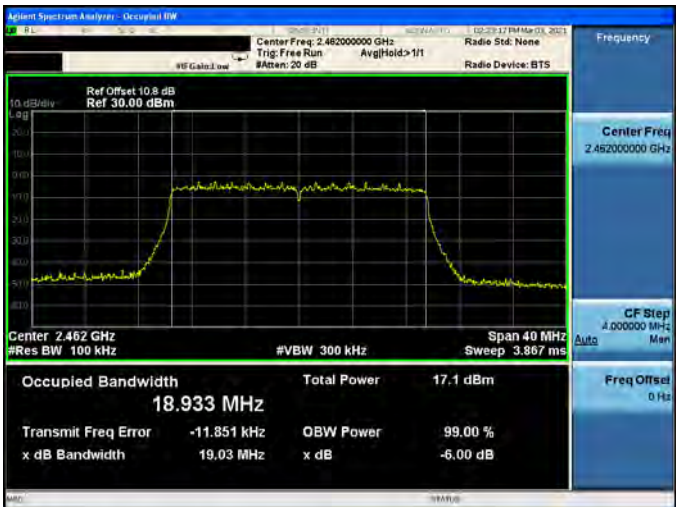
操作模式	頻道	量測值 (kHz)		限制值 (kHz)
		ANT-0	ANT-1	
Mode 2	CH01	8591	---	≥ 500
	CH06	8588	---	≥ 500
	CH11	8610	---	≥ 500
Mode 3	CH01	15940	---	≥ 500
	CH06	16130	---	≥ 500
	CH11	16350	---	≥ 500
Mode 4	CH01	16320	16990	≥ 500
	CH06	16490	16960	≥ 500
	CH11	16940	16830	≥ 500
Mode 5	CH03	35510	35970	≥ 500
	CH06	35600	35460	≥ 500
	CH09	35300	35400	≥ 500
Mode 6	CH01	19090	18950	≥ 500
	CH06	19050	19010	≥ 500
	CH11	19030	19090	≥ 500
Mode 7	CH03	38140	38060	≥ 500
	CH06	38200	38030	≥ 500
	CH09	38160	38140	≥ 500

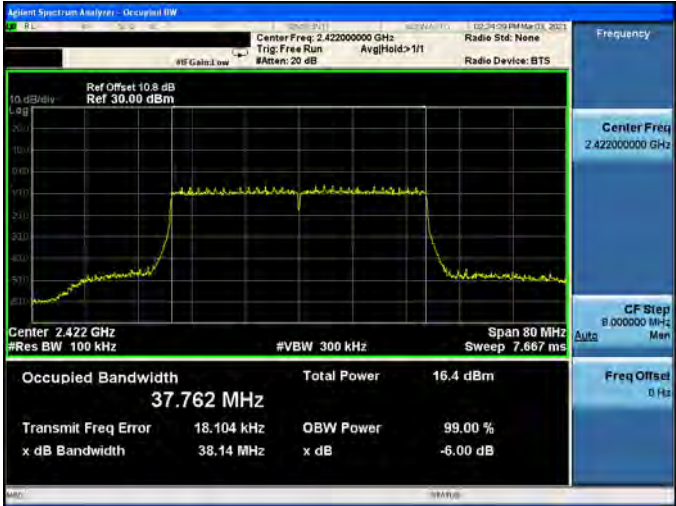
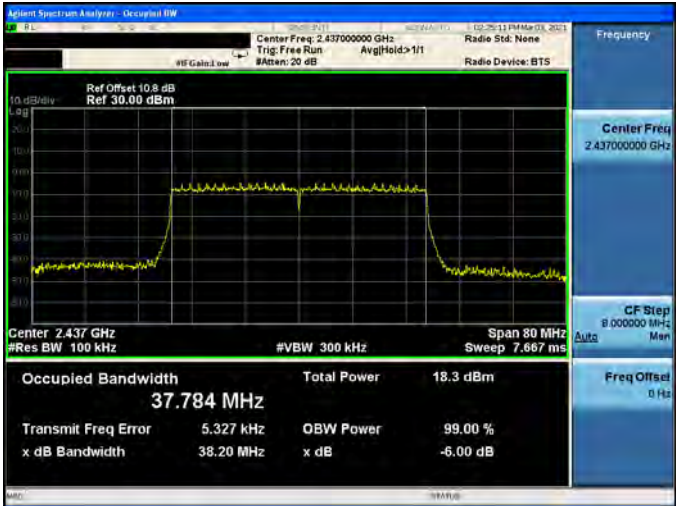
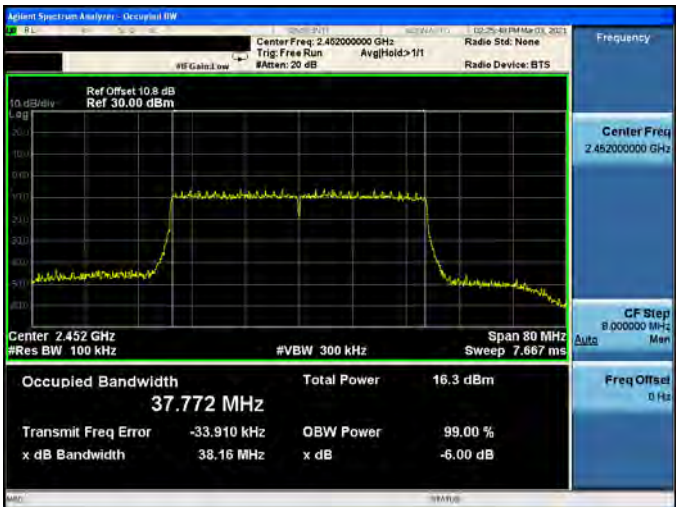


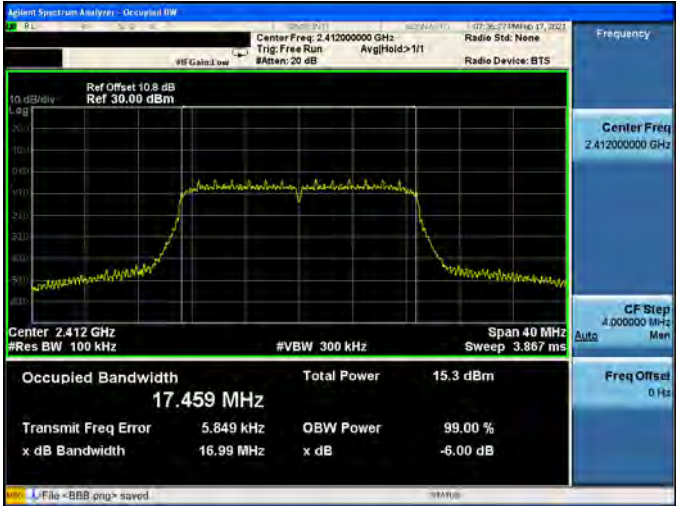
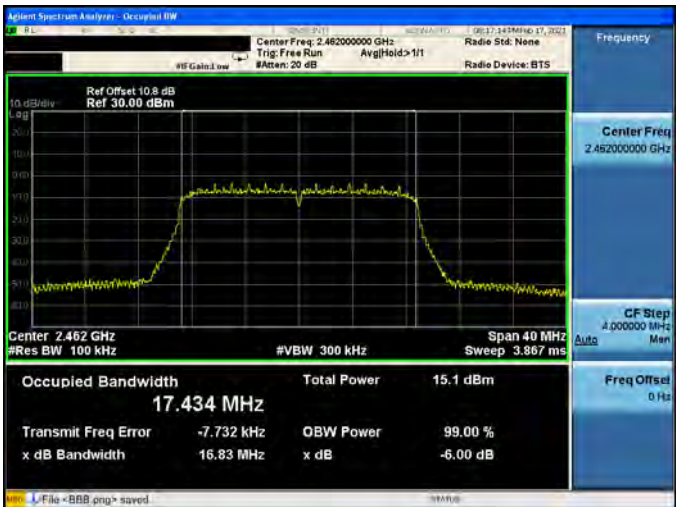
Mode 3: IEEE 802.11g Continuous TX Mode_ANT-0	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.412 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 16.284 MHz Total Power: 15.3 dBm Transmit Freq Error: 29.972 kHz OBW Power: 99.00 % x dB Bandwidth: 15.94 MHz x dB: -6.00 dB File <BBB.png> saved
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 16.403 MHz Total Power: 23.3 dBm Transmit Freq Error: 26.804 kHz OBW Power: 99.00 % x dB Bandwidth: 16.13 MHz x dB: -6.00 dB File <BBB.png> saved
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.46200000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.462 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 16.330 MHz Total Power: 15.5 dBm Transmit Freq Error: -440 Hz OBW Power: 99.00 % x dB Bandwidth: 16.35 MHz x dB: -6.00 dB File <BBB.png> saved

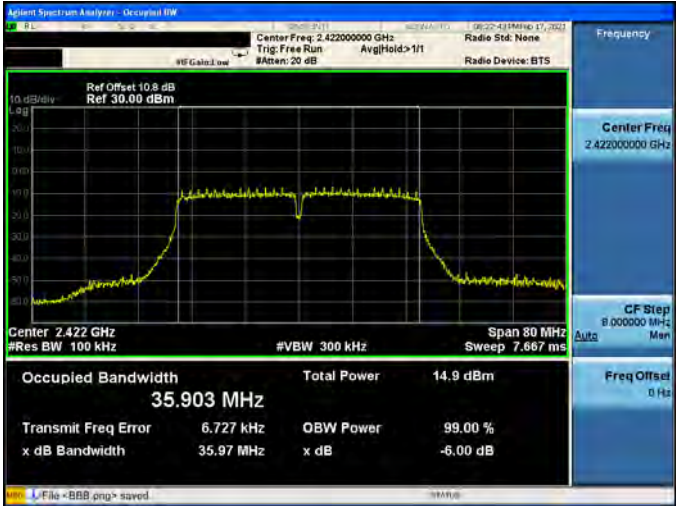
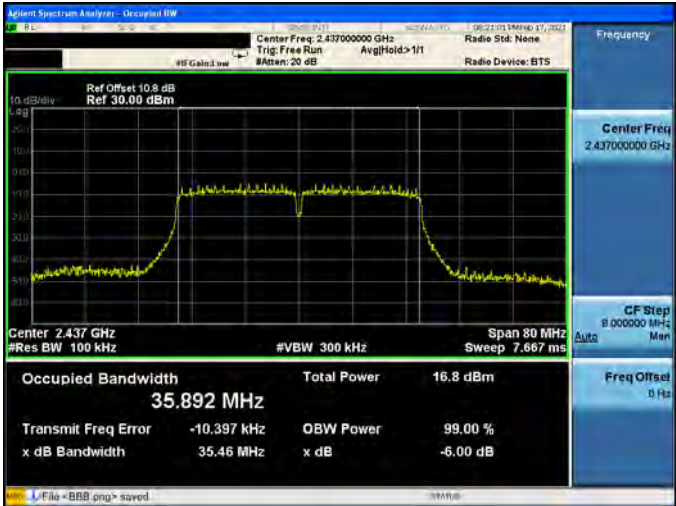
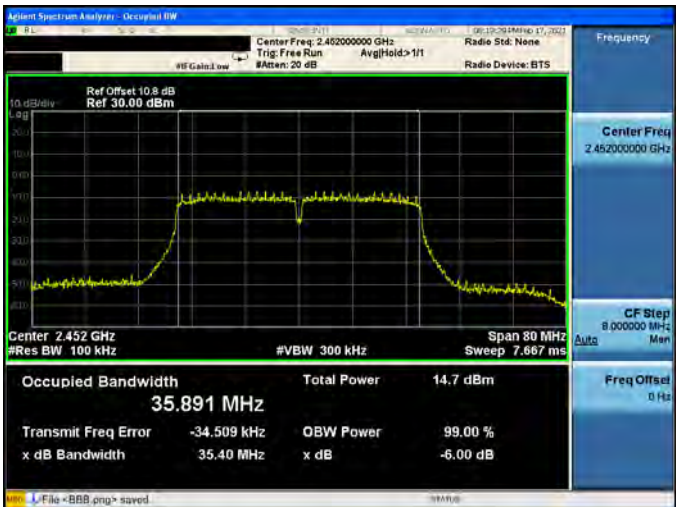
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-0	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run #Atten: 30 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.412 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 17.363 MHz Total Power: 15.1 dBm Transmit Freq Error: 49.331 kHz OBW Power: 99.00 % x dB Bandwidth: 16.32 MHz x dB: -6.00 dB File <BBB.png> saved
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Atten: 30 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 17.490 MHz Total Power: 23.1 dBm Transmit Freq Error: 12.967 kHz OBW Power: 99.00 % x dB Bandwidth: 16.49 MHz x dB: -6.00 dB File <BBB.png> saved
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.46200000 GHz Trig: Free Run #Atten: 30 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.462 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 17.446 MHz Total Power: 15.3 dBm Transmit Freq Error: 4.133 kHz OBW Power: 99.00 % x dB Bandwidth: 16.94 MHz x dB: -6.00 dB File <BBB.png> saved

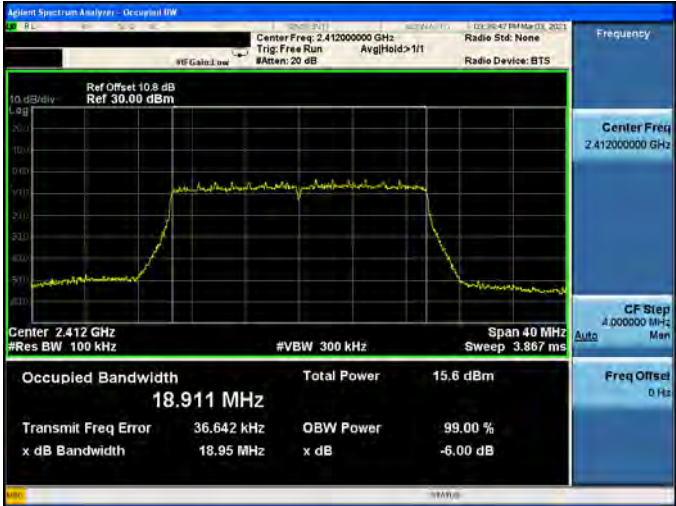
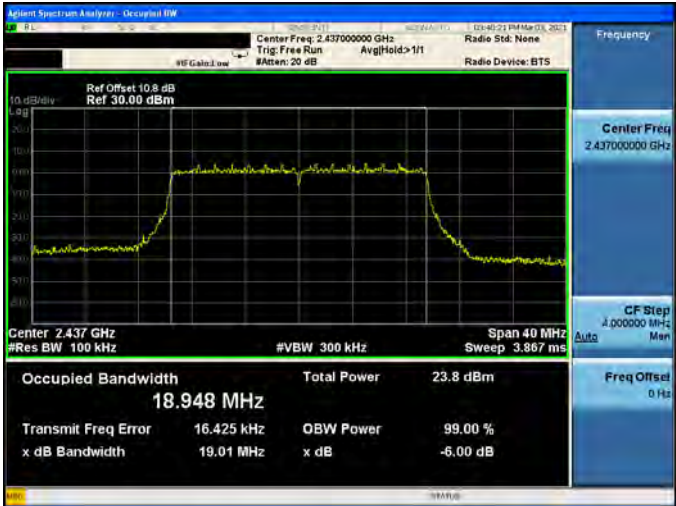
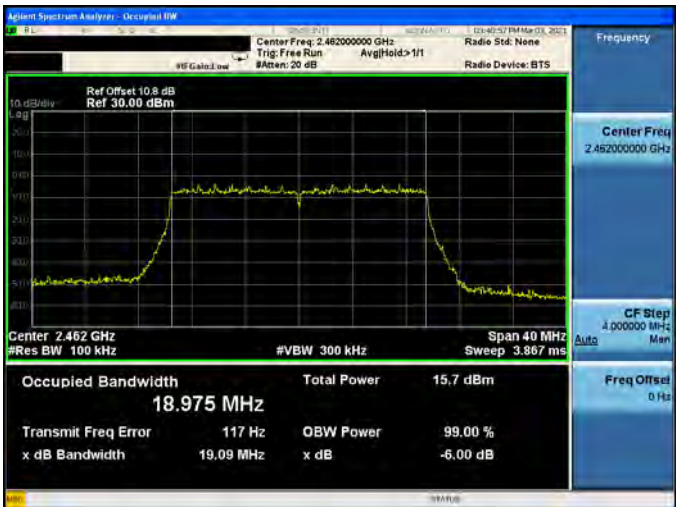
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0	
CH03	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.42200000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.422 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 35.842 MHz Total Power: 14.7 dBm Transmit Freq Error: 63.636 kHz OBW Power: 99.00 % x dB Bandwidth: 35.51 MHz x dB: -6.00 dB File <BBB.png> saved
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 35.880 MHz Total Power: 17.0 dBm Transmit Freq Error: -22.234 kHz OBW Power: 99.00 % x dB Bandwidth: 35.60 MHz x dB: -6.00 dB File <BBB.png> saved
CH09	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.45200000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.452 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 35.881 MHz Total Power: 15.0 dBm Transmit Freq Error: -22.738 kHz OBW Power: 99.00 % x dB Bandwidth: 35.30 MHz x dB: -6.00 dB File <BBB.png> saved

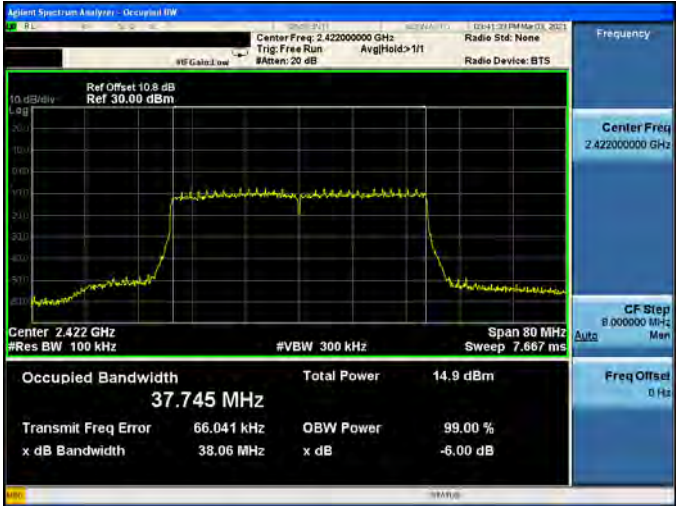
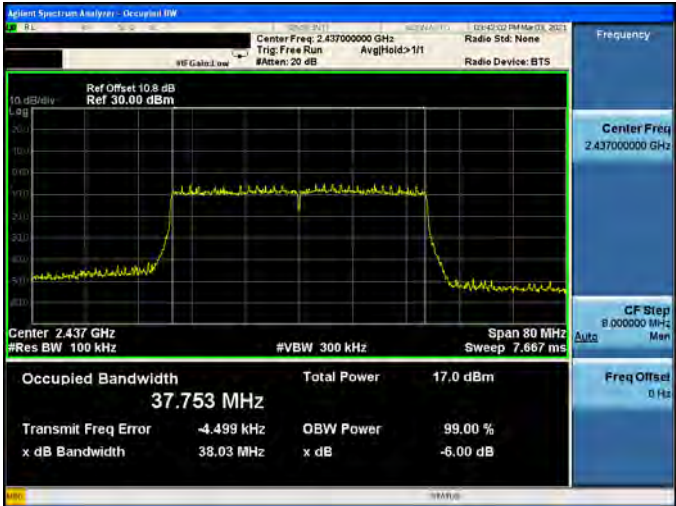
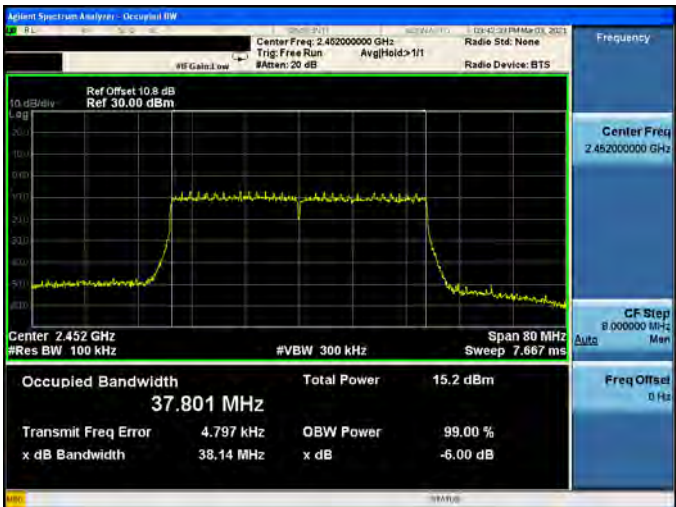
Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX Mode_ANT-0	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run AvalHold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.412 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 18.963 MHz Total Power: 17.3 dBm Transmit Freq Error: 7.851 kHz QBW Power: 99.00 % x dB Bandwidth: 19.09 MHz x dB: -6.00 dB Frequency: Center Freq: 2.41200000 GHz CF Step: 1.000000 MHz Freq Offset: 0 Hz
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run AvalHold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 18.966 MHz Total Power: 24.3 dBm Transmit Freq Error: 1.450 kHz QBW Power: 99.00 % x dB Bandwidth: 19.05 MHz x dB: -6.00 dB Frequency: Center Freq: 2.43700000 GHz CF Step: 1.000000 MHz Freq Offset: 0 Hz
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.46200000 GHz Trig: Free Run AvalHold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.462 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 18.933 MHz Total Power: 17.1 dBm Transmit Freq Error: -11.851 kHz QBW Power: 99.00 % x dB Bandwidth: 19.03 MHz x dB: -6.00 dB Frequency: Center Freq: 2.46200000 GHz CF Step: 1.000000 MHz Freq Offset: 0 Hz

Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX Mode_ANT-0	
CH03	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.42200000 GHz Trig: Free Run #Att: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.422 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 37.762 MHz Total Power: 16.4 dBm Transmit Freq Error: 18.104 kHz QBW Power: 99.00 % x dB Bandwidth: 38.14 MHz x dB: -6.00 dB Frequency: Center Freq: 2.42200000 GHz CF Step: 8.000000 MHz Freq Offset: 0 Hz
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.437000000 GHz Trig: Free Run #Att: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 37.784 MHz Total Power: 18.3 dBm Transmit Freq Error: 5.327 kHz QBW Power: 99.00 % x dB Bandwidth: 38.20 MHz x dB: -6.00 dB Frequency: Center Freq: 2.437000000 GHz CF Step: 8.000000 MHz Freq Offset: 0 Hz
CH09	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.452000000 GHz Trig: Free Run #Att: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.452 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 37.772 MHz Total Power: 16.3 dBm Transmit Freq Error: -33.910 kHz QBW Power: 99.00 % x dB Bandwidth: 38.16 MHz x dB: -6.00 dB Frequency: Center Freq: 2.452000000 GHz CF Step: 8.000000 MHz Freq Offset: 0 Hz

Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX Mode_ANT-1	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run Avg/Hold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.412 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 17.459 MHz Total Power: 15.3 dBm Transmit Freq Error: 5.849 kHz QBW Power: 99.00 % x dB Bandwidth: 16.99 MHz x dB: -6.00 dB File <BBB.png> saved
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.437000000 GHz Trig: Free Run Avg/Hold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 17.517 MHz Total Power: 22.8 dBm Transmit Freq Error: 1.041 kHz QBW Power: 99.00 % x dB Bandwidth: 16.96 MHz x dB: -6.00 dB File <BBB.png> saved
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.462000000 GHz Trig: Free Run Avg/Hold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.462 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 17.434 MHz Total Power: 15.1 dBm Transmit Freq Error: -7.732 kHz QBW Power: 99.00 % x dB Bandwidth: 16.83 MHz x dB: -6.00 dB File <BBB.png> saved

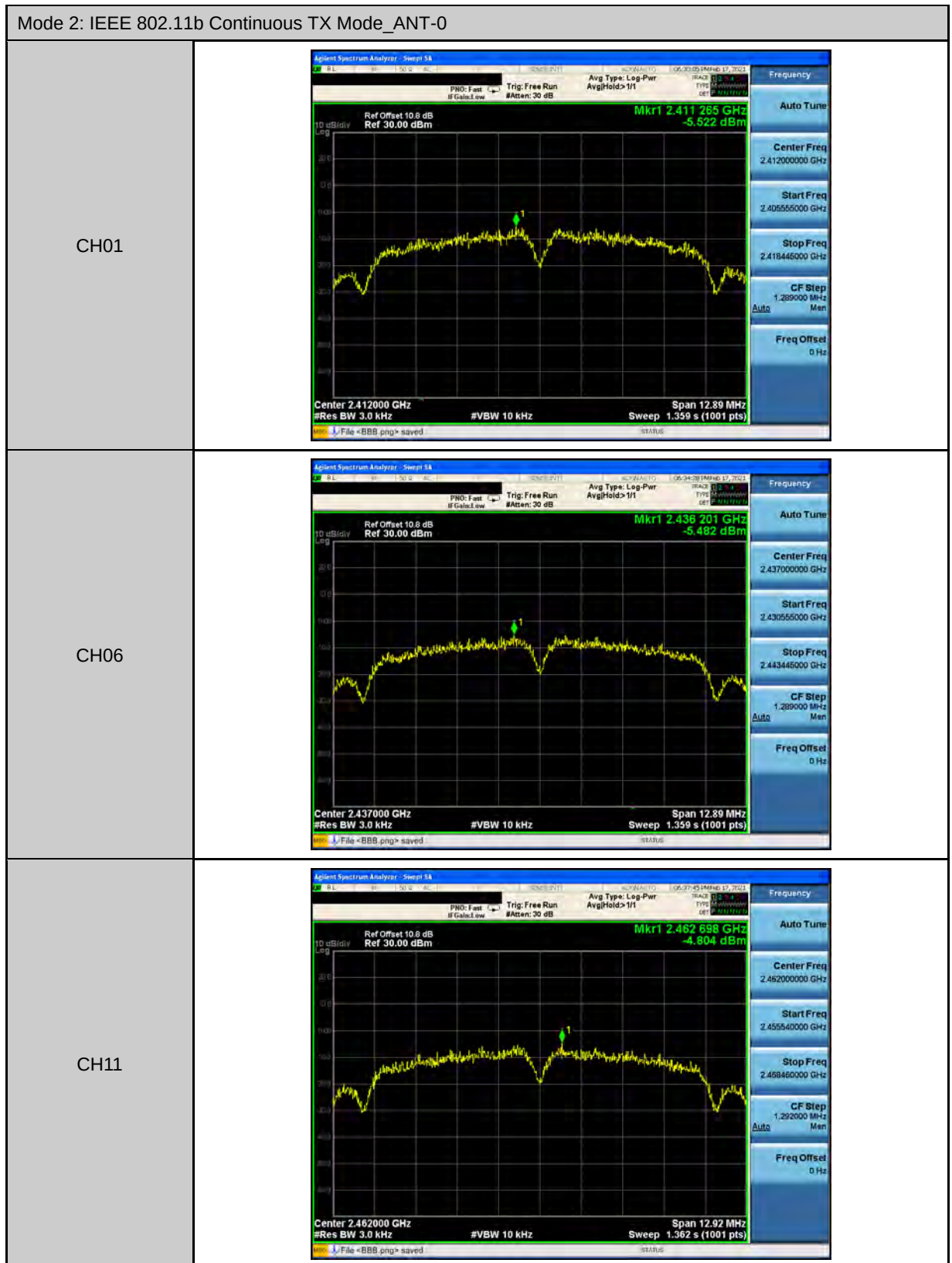
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-1	
CH03	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.42200000 GHz Trig: Free Run #Att: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.422 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 35.903 MHz Total Power: 14.9 dBm Transmit Freq Error: 6.727 kHz QBW Power: 99.00 % x dB Bandwidth: 35.97 MHz x dB: -6.00 dB File <BBB.png> saved
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Att: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 35.892 MHz Total Power: 16.8 dBm Transmit Freq Error: -10.397 kHz QBW Power: 99.00 % x dB Bandwidth: 35.46 MHz x dB: -6.00 dB File <BBB.png> saved
CH09	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.45200000 GHz Trig: Free Run #Att: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.452 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 35.891 MHz Total Power: 14.7 dBm Transmit Freq Error: -34.509 kHz QBW Power: 99.00 % x dB Bandwidth: 35.40 MHz x dB: -6.00 dB File <BBB.png> saved

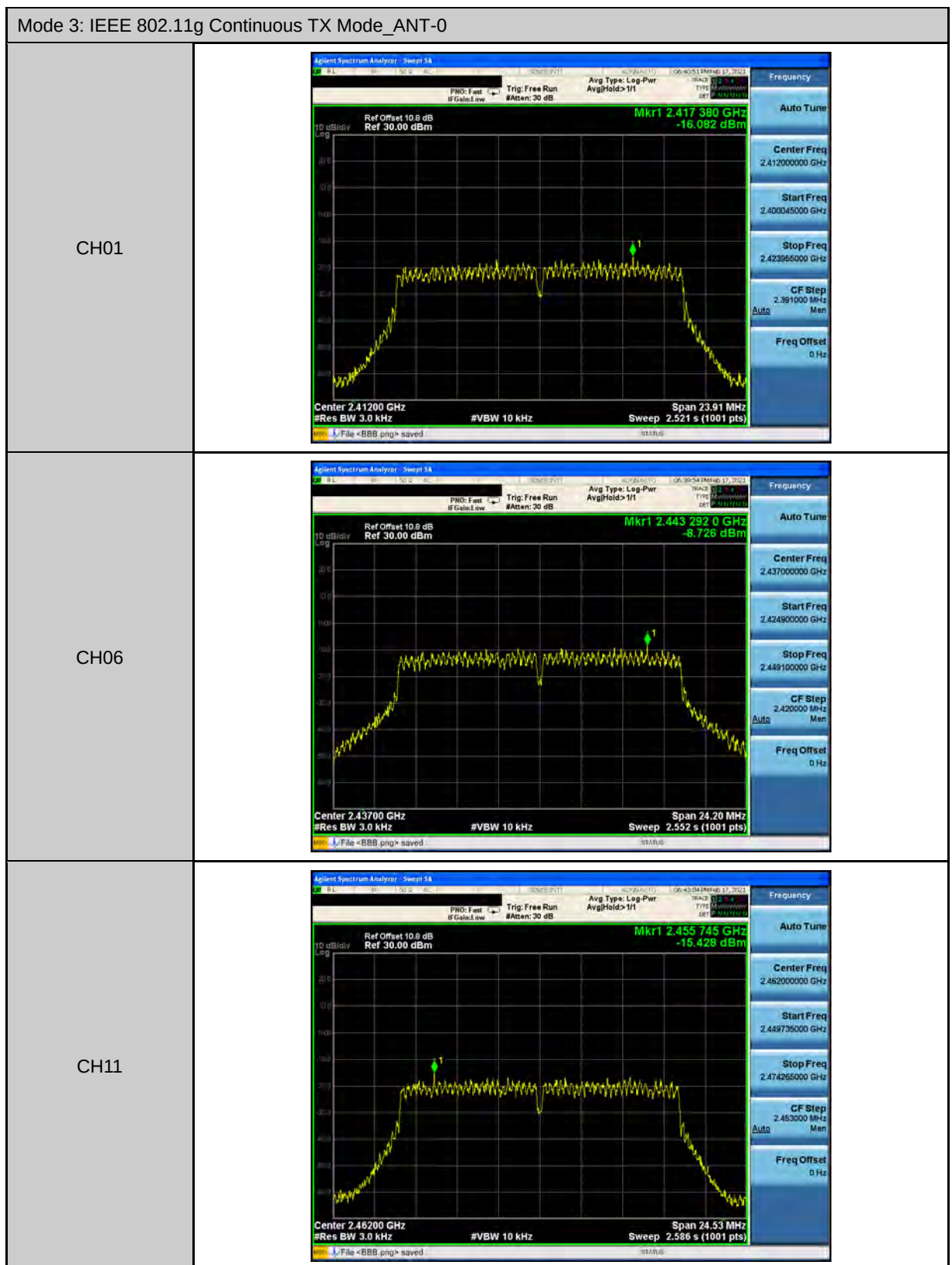
Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX Mode_ANT-1	
CH01	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.412 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 18.911 MHz Total Power: 15.6 dBm Transmit Freq Error: 36.642 kHz QBW Power: 99.00 % x dB Bandwidth: 18.95 MHz x dB: -6.00 dB Frequency: Center Freq: 2.41200000 GHz CF Step: 1.000000 MHz Freq Offset: 0 Hz
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.437000000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 18.948 MHz Total Power: 23.8 dBm Transmit Freq Error: 16.425 kHz QBW Power: 99.00 % x dB Bandwidth: 19.01 MHz x dB: -6.00 dB Frequency: Center Freq: 2.437000000 GHz CF Step: 1.000000 MHz Freq Offset: 0 Hz
CH11	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.462000000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: >1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.462 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms Occupied Bandwidth: 18.975 MHz Total Power: 15.7 dBm Transmit Freq Error: 117 Hz QBW Power: 99.00 % x dB Bandwidth: 19.09 MHz x dB: -6.00 dB Frequency: Center Freq: 2.462000000 GHz CF Step: 1.000000 MHz Freq Offset: 0 Hz

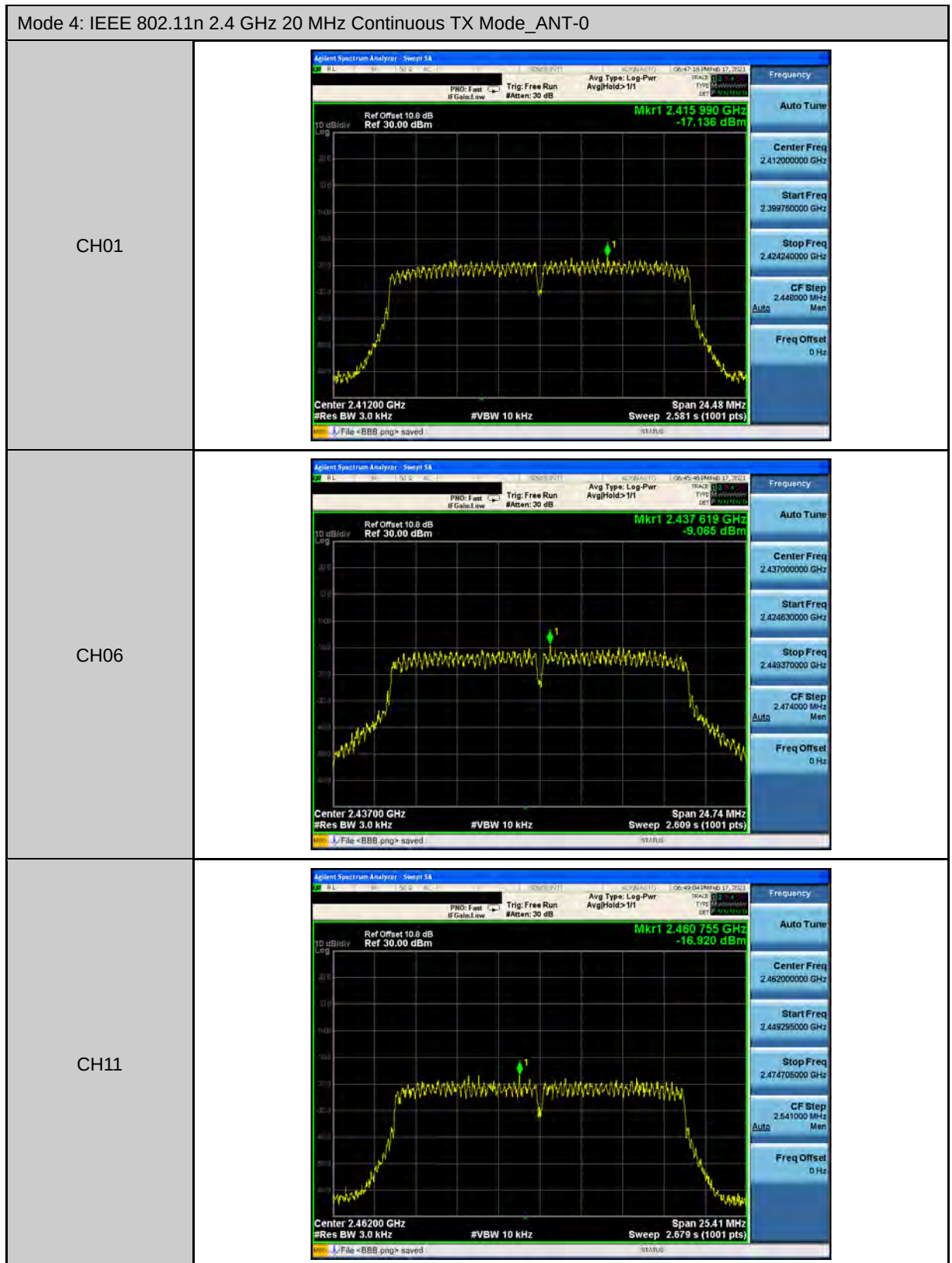
Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX Mode_ANT-1	
CH03	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.42200000 GHz Trig: Free Run #Atten: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.422 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 37.745 MHz Total Power: 14.9 dBm Transmit Freq Error: 66.041 kHz QBW Power: 99.00 % x dB Bandwidth: 38.06 MHz x dB: -6.00 dB Frequency: Center Freq: 2.42200000 GHz CF Step: 8.000000 MHz Freq Offset: 0 Hz
CH06	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Atten: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 37.753 MHz Total Power: 17.0 dBm Transmit Freq Error: -4.499 kHz QBW Power: 99.00 % x dB Bandwidth: 38.03 MHz x dB: -6.00 dB Frequency: Center Freq: 2.43700000 GHz CF Step: 8.000000 MHz Freq Offset: 0 Hz
CH09	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.45200000 GHz Trig: Free Run #Atten: 20 dB AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset: 10.8 dB Ref: 30.00 dBm Center: 2.452 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 80 MHz Sweep: 7.667 ms Occupied Bandwidth: 37.801 MHz Total Power: 15.2 dBm Transmit Freq Error: 4.797 kHz QBW Power: 99.00 % x dB Bandwidth: 38.14 MHz x dB: -6.00 dB Frequency: Center Freq: 2.45200000 GHz CF Step: 8.000000 MHz Freq Offset: 0 Hz

Maximum Power Spectral Density

操作模式	頻道	量測值 (dBm)		計算值 (dBm)	限制值 (dBm)
		ANT-0	ANT-1	ANT-0+1	
Mode 2	CH01	-5.522	---	---	≤ 8.00
	CH06	-5.482	---	---	≤ 8.00
	CH11	-4.804	---	---	≤ 8.00
Mode 3	CH01	-16.082	---	---	≤ 8.00
	CH06	-8.726	---	---	≤ 8.00
	CH11	-15.428	---	---	≤ 8.00
Mode 4	CH01	-17.136	-17.380	-14.246	≤ 8.00
	CH06	-9.065	-9.757	-6.387	≤ 8.00
	CH11	-16.920	-17.199	-14.047	≤ 8.00
Mode 5	CH03	-19.518	-21.196	-17.266	≤ 8.00
	CH06	-18.619	-18.833	-15.714	≤ 8.00
	CH09	-20.438	-20.707	-17.560	≤ 8.00
Mode 6	CH01	-16.821	-17.743	-14.247	≤ 8.00
	CH06	-9.887	-9.915	-6.891	≤ 8.00
	CH11	-16.576	-17.367	-13.943	≤ 8.00
Mode 7	CH03	-21.048	-21.669	-18.337	≤ 8.00
	CH06	-19.513	-19.154	-16.319	≤ 8.00
	CH09	-20.204	-21.074	-17.607	≤ 8.00







Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX Mode_ANT-0	
CH03	Agilent Spectrum Analyzer - Sweep 5A Ref Offset: 10.0 dB Ref: 30.00 dBm Mkr1 2.427 01 GHz -19.518 dBm Center 2.42200 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 5.617 s (1001 pts) Span 53.27 MHz File <BBB.png> saved STATUS Frequency Auto Tune Center Freq 2.42200000 GHz Start Freq 2.396365000 GHz Stop Freq 2.448635000 GHz CF Step 5.327000 MHz Auto Man Freq Offset 0 Hz
CH06	Agilent Spectrum Analyzer - Sweep 5A Ref Offset: 10.0 dB Ref: 30.00 dBm Mkr1 2.437 907 8 GHz -18.619 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 5.631 s (1001 pts) Span 53.40 MHz File <BBB.png> saved STATUS Frequency Auto Tune Center Freq 2.437000000 GHz Start Freq 2.410300000 GHz Stop Freq 2.463700000 GHz CF Step 5.340000 MHz Auto Man Freq Offset 0 Hz
CH09	Agilent Spectrum Analyzer - Sweep 5A Ref Offset: 10.0 dB Ref: 30.00 dBm Mkr1 2.465 13 GHz -20.438 dBm Center 2.45200 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 5.583 s (1001 pts) Span 52.95 MHz File <BBB.png> saved STATUS Frequency Auto Tune Center Freq 2.452000000 GHz Start Freq 2.425525000 GHz Stop Freq 2.478475000 GHz CF Step 5.295000 MHz Auto Man Freq Offset 0 Hz

