晶復科技股份有限公司
A Test Lab Techno Corp.

低功率射頻電機試驗報告

報告編號	1611DR45
產品名稱	AC1200 Wave 2 雙頻 USB 無線網路卡
申請廠商	訊舟科技股份有限公司
銘牌標示及主要特性	WLAN
商標或廠牌	EDIMAX
型式 (號)	EW-7822ULC
產品試驗依據之標準	低功率射頻電機技術規範(LP0002) 105 年 8 月 23 日修訂版
報告發行日期	105 年 12 月 16 日

填發本型式認可報告之試驗機構 (認可代號)

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

財團法人全國認證基金會
認證編號 ：1330
認證有效期間：105.09.06 ~ 108.09.05
認可能量範圍：低功率射頻電機技術規範(LP0002)
2.4GHz 射頻電信終端設備技術規範(RTTE01)

實 驗 室 聲 明

本測試報告內之測試結果可藉由測試儀器設備之校正報告與本報告內所評估量測不確定度追溯至國家或國際標準。

不得使用本報告宣稱產品是由 TAF, NVLAP 或任何政府機構背書。

此份報告未經晶復科技股份有限公司書面同意, 不得部分複製。

低功率射頻電機測試證明書

發行日期：105年12月16日

產 品 名 稱 ：AC1200 Wave 2 雙頻USB無線網路卡

商 標 ：EDIMAX

型 號 ：EW-7822ULC

申 請 廠 商 ：訊舟科技股份有限公司

申請者地址 ：新北市五股區五權三路3號

製 造 廠 商 ：訊舟科技股份有限公司

製造商地址 ：新北市五股區五權三路3號

待測物電壓 ：DC 5V

試 驗 電壓 ：110Vac, 60Hz

量 測 規 範 ：低功率射頻電機技術規範(LP0002) 105年8月23日修訂版

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)

試驗受理日期 ：105 年 07 月 27 號

樣品接受日期 ：105 年 07 月 29 號

試驗完成日期 ：105 年 11 月 10 號

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

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

特 此 證 明 ！

報告製作者： (王 裕 霜)

測 試 者： (歐 陽 良 相)

審 核 者： (呂 宗 霖)

本測試報告所敘述之測試結果, 僅對客戶所提供之測試樣品,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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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	AC1200 Wave 2 雙頻 USB 無線網路卡					
商 標 或 廠 牌	EDIMAX					
型 號	EW-7822ULC					
額 定 電 源	DC 5V					
調 變 方 式	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n 2.4GHz 20MHz / 40MHz: OFDM (256QAM) IEEE 802.11a U-NII Band: OFDM IEEE 802.11n 5GHz 20MHz / 40MHz U-NII Band: OFDM IEEE 802.11ac 20MHz / 40MHz /80MHz U-NII Band: OFDM IEEE 802.11n 5GHz 20MHz / 40MHz U-NII Band DFS: OFDM IEEE 802.11ac 20MHz / 40MHz /80MHz U-NII Band DFS: OFDM *此產品之不具有動態選擇(DFS)之雷達偵測功能 (Client without radar detection function)					
頻 率 使 用 範 圍	Mode				Frequency Range (MHz)	
	IEEE 802.11b / IEEE 802.11g / IEEE 802.11n 2.4GHz 20MHz				2412 – 2462	
	IEEE 802.11n 2.4GHz 40MHz				2422 – 2452	
	IEEE 802.11a / IEEE 802.11n 5GHz 20MHz U-NII Band I IEEE 802.11ac 20MHz U-NII Band I				5180 – 5240	
	IEEE 802.11a / IEEE 802.11n 5GHz 20MHz U-NII Band III IEEE 802.11ac 20MHz U-NII Band III				5745 – 5825	
	IEEE 802.11n 5GHz 40MHz U-NII Band I IEEE 802.11ac 40MHz U-NII Band I				5190 – 5230	
	IEEE 802.11n 5GHz 40MHz U-NII Band III IEEE 802.11ac 40MHz U-NII Band III				5755 – 5795	
	IEEE 802.11ac 80MHz U-NII Band I				5210	
	IEEE 802.11ac 80MHz U-NII Band III				5775	
天 線 資 訊	Antennna	廠牌	型號	型態	增益值	
					2.4GHz	5GHz
	ANT-0 (Main)	WIESON	GY197HT632-003	Monopole Antenna	1.81	1.71
	ANT-1 (AUX)	WIESON	GY197HT632-003	Monopole Antenna	0.36	-0.23

RF 最大輸出功率	Mode	Power	
	IEEE 802.11b	14.45 dBm	0.028 W
	IEEE 802.11g	16.26 dBm	0.042 W
	IEEE 802.11n 2.4GHz 20MHz	18.48 dBm	0.070 W
	IEEE 802.11n 2.4GHz 40MHz	18.48 dBm	0.070 W
	IEEE 802.11a U-NII Band I	15.08 dBm	0.032 W
	IEEE 802.11a U-NII Band III	14.32 dBm	0.027 W
	IEEE 802.11ac 20MHz U-NII Band I	17.59 dBm	0.057 W
	IEEE 802.11ac 20MHz U-NII Band III	17.08 dBm	0.051 W
	IEEE 802.11ac 40MHz U-NII Band I	17.18 dBm	0.052 W
	IEEE 802.11ac 40MHz U-NII Band III	17.29 dBm	0.054 W
	IEEE 802.11ac 80MHz U-NII Band I	16.12 dBm	0.041 W
	IEEE 802.11ac 80MHz U-NII Band III	16.03 dBm	0.040 W
	Beamforming on		
	IEEE 802.11n 2.4GHz 20MHz	19.07 dBm	0.081 W
	IEEE 802.11n 2.4GHz 40MHz	18.15 dBm	0.065 W
	IEEE 802.11ac 20MHz U-NII Band I	17.45 dBm	0.056 W
	IEEE 802.11ac 20MHz U-NII Band III	17.34 dBm	0.054 W
	IEEE 802.11ac 40MHz U-NII Band I	16.95 dBm	0.050 W
	IEEE 802.11ac 40MHz U-NII Band III	16.97 dBm	0.050 W
	IEEE 802.11ac 80MHz U-NII Band I	13.23 dBm	0.021 W
	IEEE 802.11ac 80MHz U-NII Band III	16.91 dBm	0.049 W

輸出/輸入埠說明：

輸 出 / 入 埠		數量	介面內容說明
1	USB Port	1	連接至 USB 充電介面

待測設備外圍說明：

電 源 線 類 別	本產品透過 DC 電源供電
附 屬 裝 置	無

1.2 其他相關聲明

本測試報告屬(以下選擇一種打■)

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

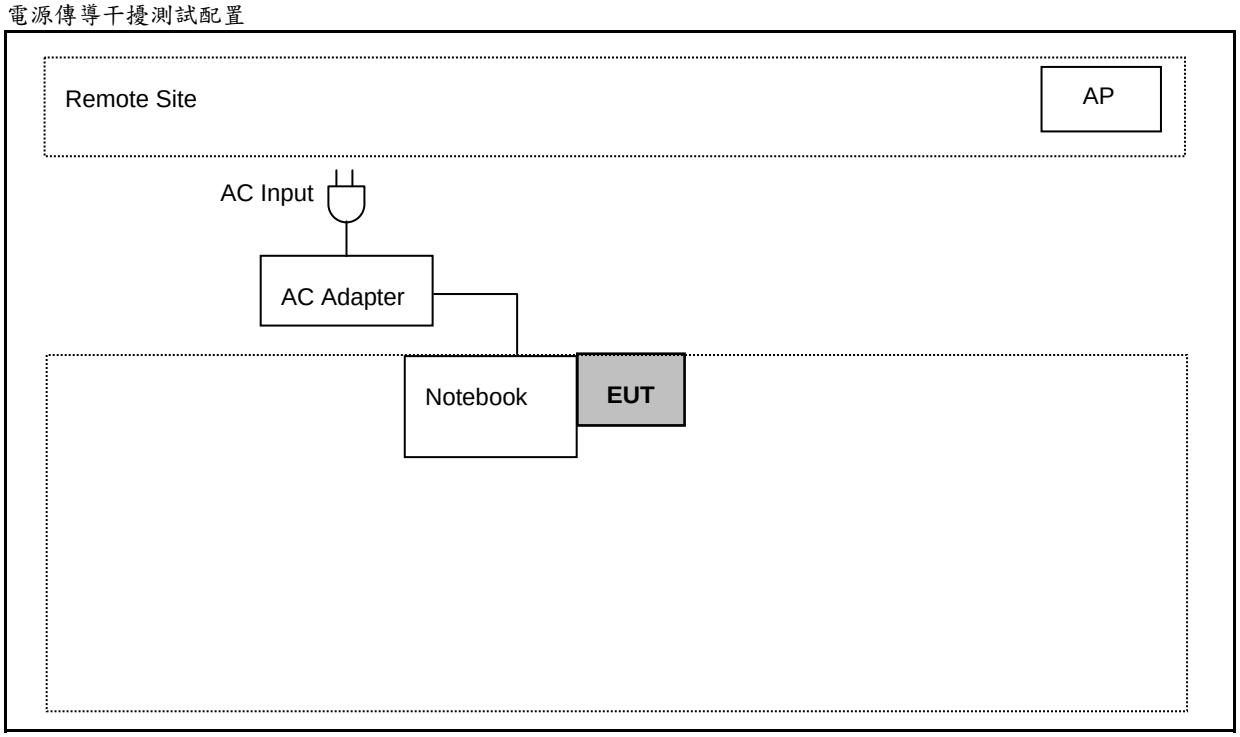
2. 量測儀器及測試配置說明

2.1 量測設備

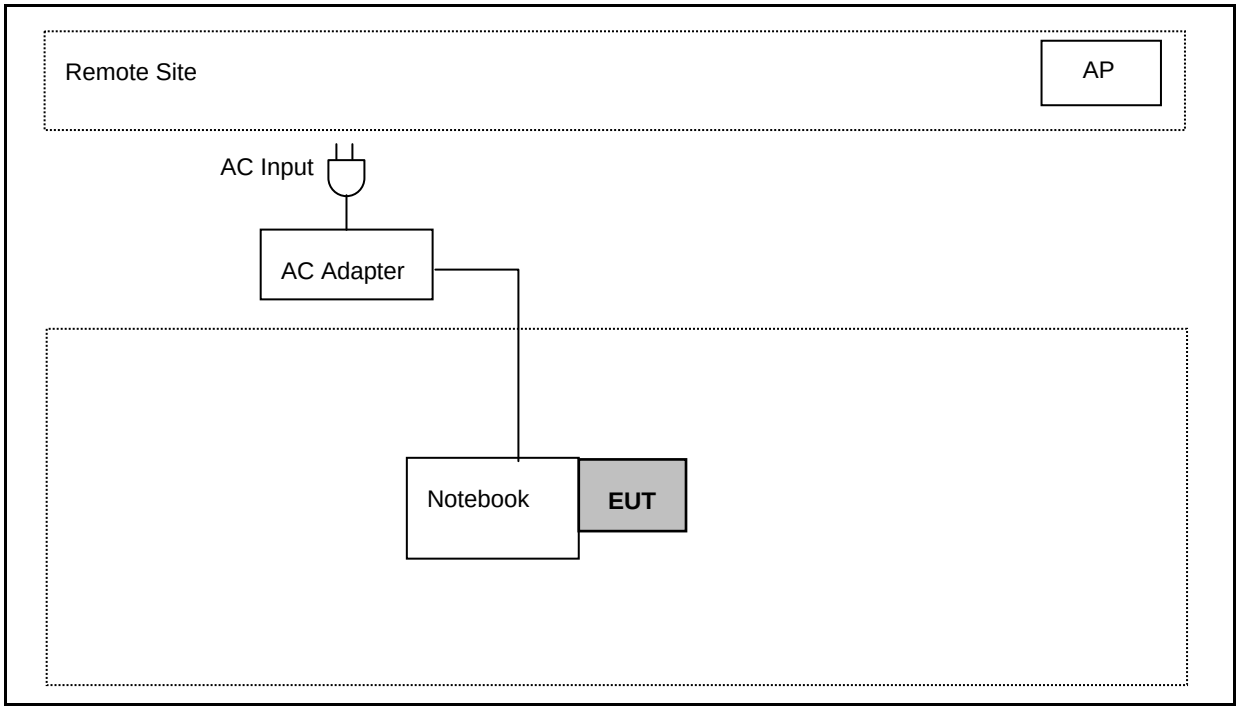
名 稱	廠 牌	型 號	序 號	本次校驗日期	下次校驗日期
頻譜分析儀	Agilent	E4408B	MY45107753	08/08/2016	08/08/2017
頻譜分析儀	Agilent	E4445A	MY45300744	12/16/2015	12/16/2016
頻譜分析儀	Agilent	E4446A	MY46180578	01/08/2016	01/08/2017
測試接收機	R&S	ESCI	100367	05/31/2016	05/31/2017
線性阻抗模擬網路	R&S	ENV216	101040	03/15/2016	03/15/2017
線性阻抗模擬網路	R&S	ENV216	101041	03/07/2016	03/07/2017
RF Pre-selector	Agilent	N9039A	MY46520256	01/08/2016	01/08/2017
Amplifier	Agilent	8449B	3008A02237	10/17/2015	10/17/2016
Amplifier	Agilent	8447D	2944A11119	01/11/2016	01/11/2017
天線	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	06/06/2016	06/06/2017
天線	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	07/07/2016	07/07/2017
天線	Schwarzbeck Mess-Elektronik	VULB 9168	419	10/28/2015	10/28/2016
天線	ETS-Lindgren	3117	00128055	08/29/2016	08/29/2017
Single Channel PK Power Sensor	Agilent	N1911A	MY45101619	12/11/2015	12/11/2016
Wideband Power Meter	Agilent	N1921A	MY45241957	12/11/2015	12/11/2016
恆溫恆濕箱	TAICHY	MHU-225LA	980729	04/18/2016	04/18/2017

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



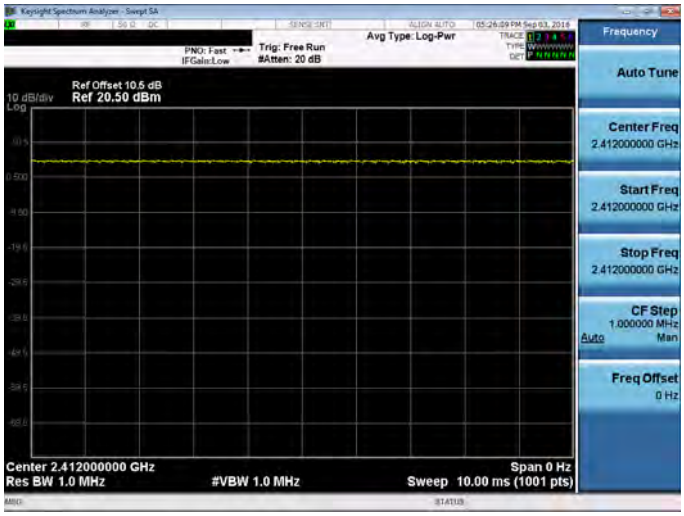
2.3 測試模式

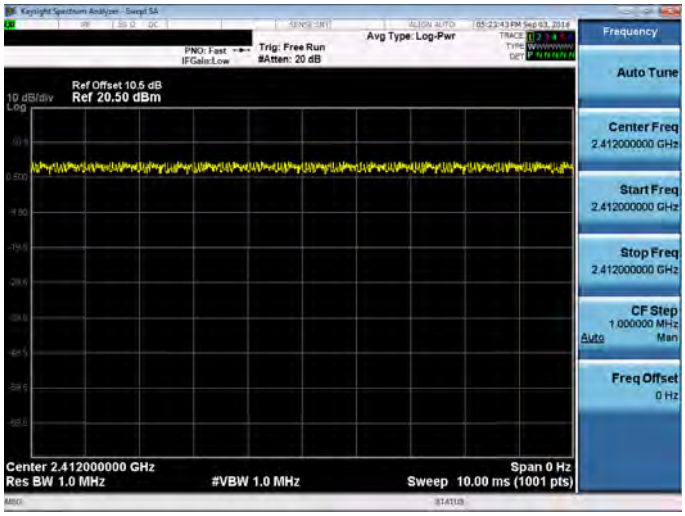
Pre-Test Mode
Mode 1: Normal Operation Mode
Mode 2: IEEE 802.11b
Mode 3: IEEE 802.11g
Mode 4: IEEE 802.11n 2.4GHz 20MHz
Mode 5: IEEE 802.11n 2.4GHz 40MHz
Mode 6: IEEE 802.11a
Mode 7: IEEE 802.11ac 20MHz
Mode 8: IEEE 802.11ac 40MHz
Mode 9: IEEE 802.11ac 80MHz
Mode 10: Receiver Mode

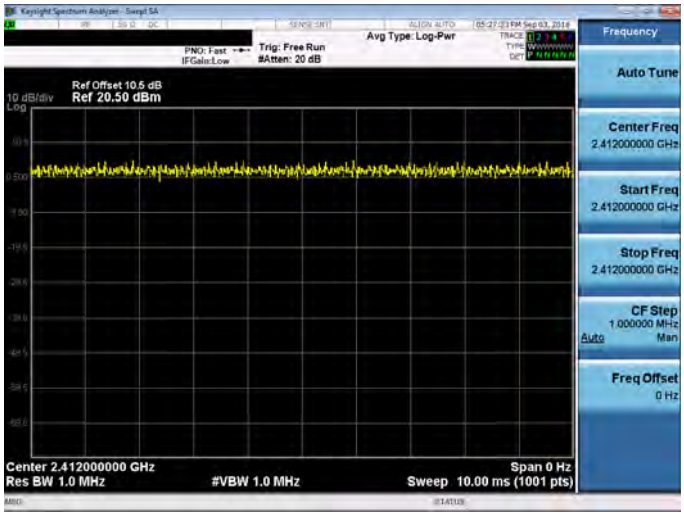
Final-Test Mode
Mode 1: Normal Operation Mode
Mode 2: IEEE 802.11b
Mode 3: IEEE 802.11g
Mode 4: IEEE 802.11n 2.4GHz 20MHz
Mode 5: IEEE 802.11n 2.4GHz 40MHz
Mode 6: IEEE 802.11a
Mode 7: IEEE 802.11ac 20MHz
Mode 8: IEEE 802.11ac 40MHz
Mode 9: IEEE 802.11ac 80MHz
Mode 10: Receiver Mode

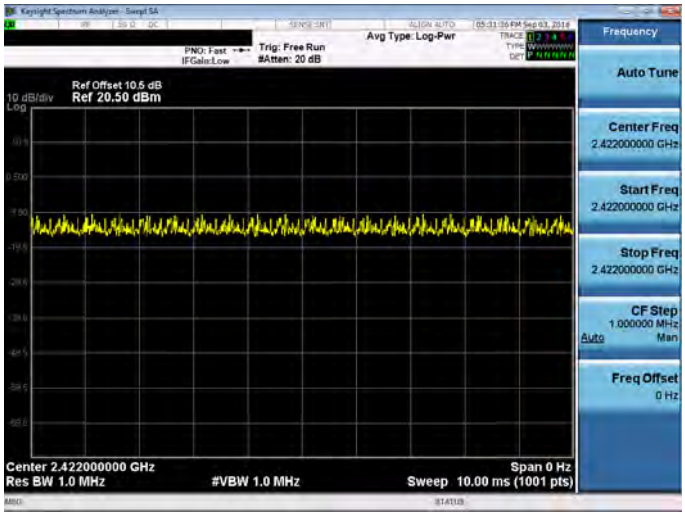
Duty cycle of test signal is >98%

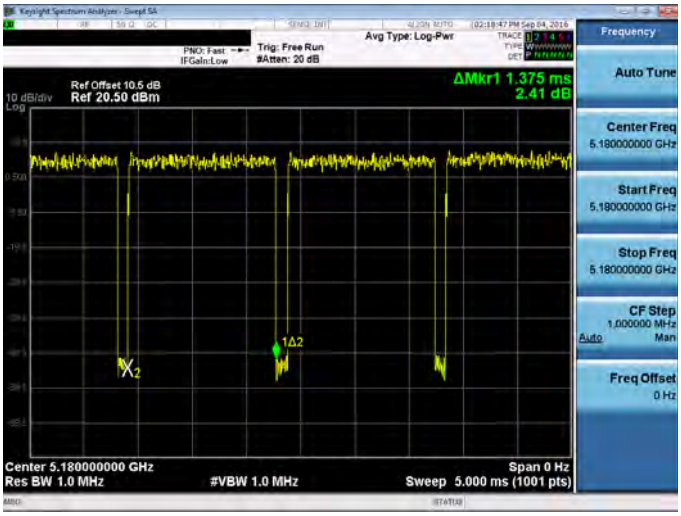
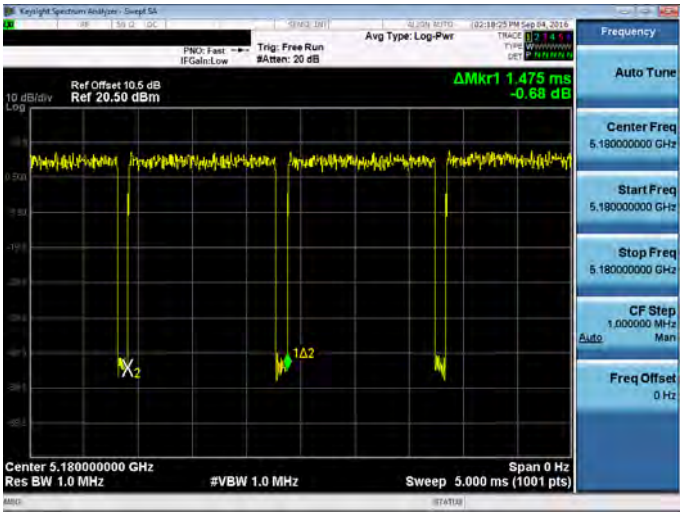
Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimun VBW (kHz)
Mode 2: IEEE 802.11b	2412.0	10.000	10.000	1.000	0.000	0.010
Mode 3: IEEE 802.11g	2412.0	10.000	10.000	1.000	0.000	0.010
Mode 4: IEEE 802.11n 2.4GHz 20MHz	2412.0	10.000	10.000	1.000	0.000	0.010
Mode 5: IEEE 802.11n 2.4GHz 40MHz	2422.0	10.000	10.000	1.000	0.000	0.010
Mode 6: IEEE 802.11a	5180.0	1.375	1.475	0.932	0.305	0.727
Mode 7: IEEE 802.11ac 20MHz	5180.0	0.669	0.789	0.848	0.717	1.495
Mode 8: IEEE 802.11ac 40MHz	5190.0	0.347	0.386	0.897	0.473	2.886
Mode 9: IEEE 802.11ac 80MHz	5210.0	0.189	0.283	0.668	1.753	5.291
Beamforming on						
Mode 4: IEEE 802.11n 2.4GHz 20MHz	2412.0	10.000	10.000	1.000	0.000	0.010
Mode 5: IEEE 802.11n 2.4GHz 40MHz	2422.0	10.000	10.000	1.000	0.000	0.010
Mode 7: IEEE 802.11ac 20MHz	5180.0	1.284	1.320	0.973	0.120	0.779
Mode 8: IEEE 802.11ac 40MHz	5190.0	0.644	0.804	0.801	0.964	1.553
Mode 9: IEEE 802.11ac 80MHz	5210.0	0.189	0.284	0.665	1.769	5.291

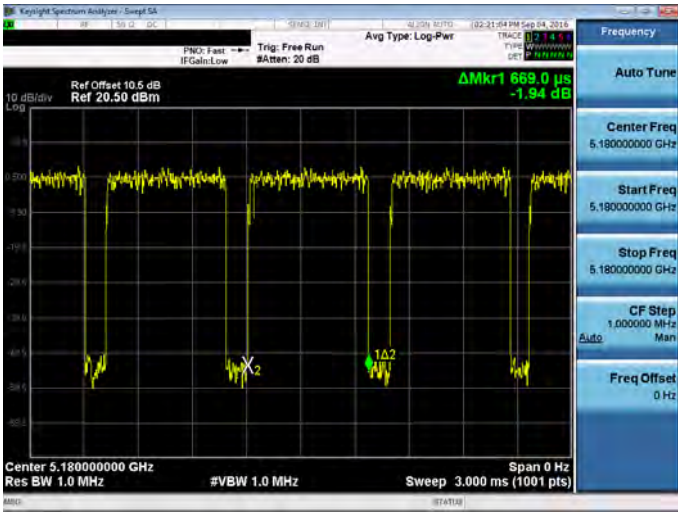
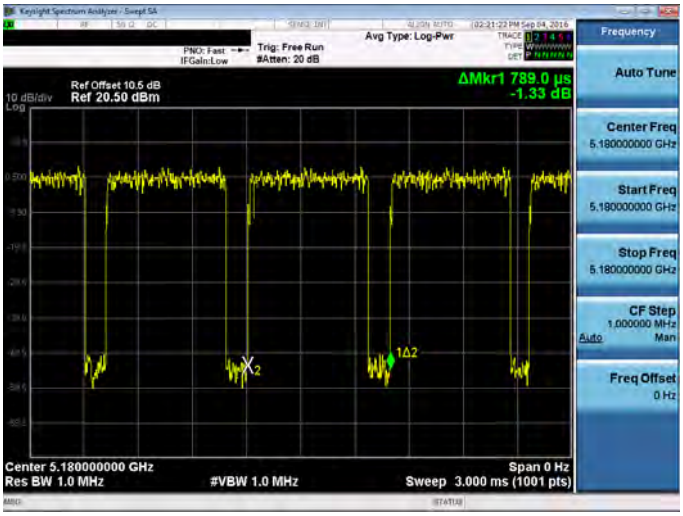
Mode 2: IEEE 802.11b	
On+off time	

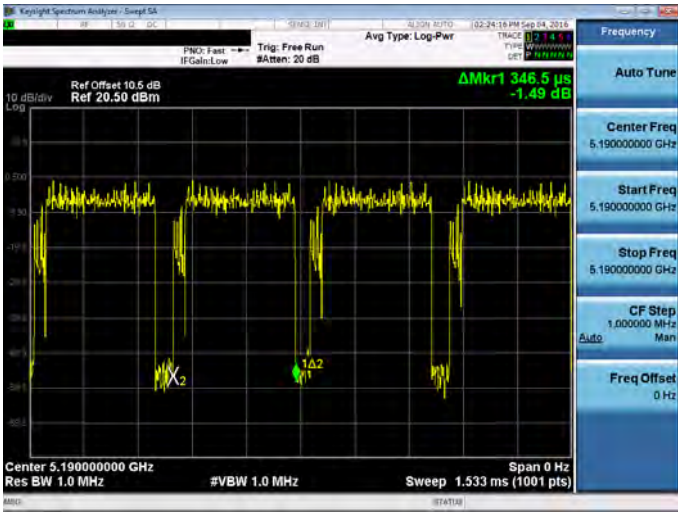
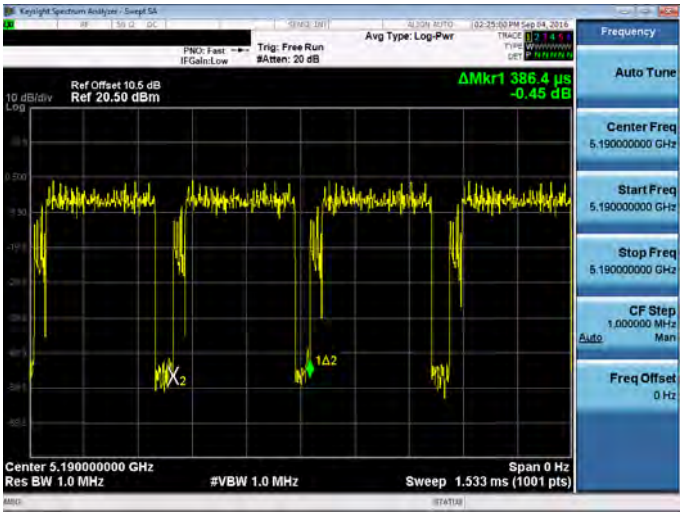
Mode 3: IEEE 802.11g	
On+off time	

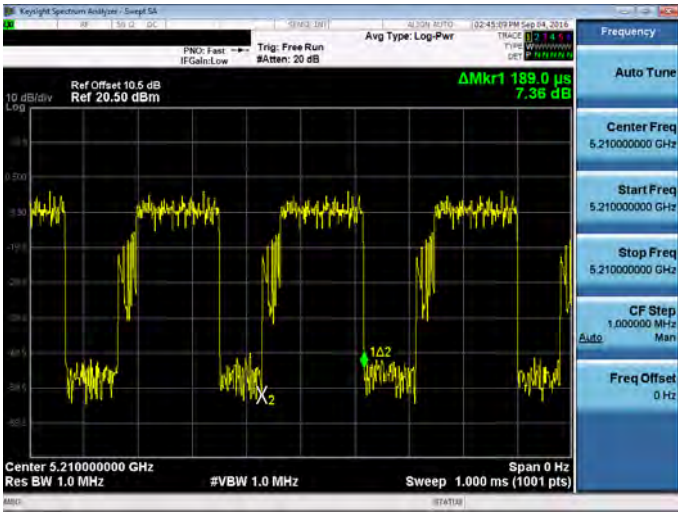
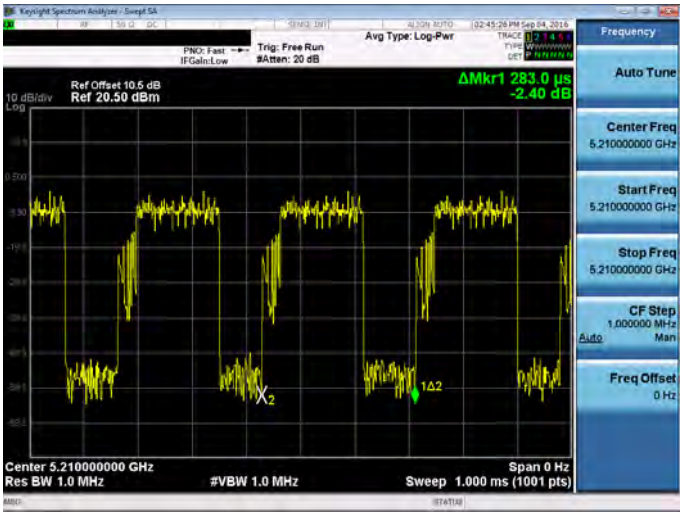
Mode 4: IEEE 802.11n 2.4GHz 20MHz	
On+off time	

Mode 5: IEEE 802.11n 2.4GHz 40MHz	
On+off time	

Mode 6: IEEE 802.11a	
On time	
On+off time	

Mode 7: IEEE 802.11ac 20MHz	
On time	
On+off time	

Mode 8: IEEE 802.11ac 40MHz	
On time	
On+off time	

Mode 9: IEEE 802.11ac 80MHz	
On time	
On+off time	

2.4 量測不確定度

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

Test Item	Frequency Range	Uncertainty (dB)
Conducted Emission	9kHz ~ 150KHz	2.7 dB
	150kHz ~ 30MHz	2.7 dB
Radiated Emission	9kHz ~ 30MHz	1.7 dB
	30MHz ~ 1000MHz	5.7 dB
	1000MHz ~ 18000MHz	5.5 dB
	18000MHz ~ 26500MHz	4.8 dB
	26500MHz ~ 40000MHz	4.8 dB
Conducted Output Power	+0.27 dB / -0.28 dB	
RF Bandwidth	4.96%	
Power Spectral Density	+0.71 dB / -0.77 dB	

2.5 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	26
濕度 Humidity (%RH)		10 - 90	60

中華民國實驗室認證體系
認可編號: 1330
測試實驗室名稱 : 晶復科技股份有限公司
TEL: 886-3-2710188 / FAX: 886-3-2710190
傳導干擾電壓量測地點: 桃園市八德區長安街 140-1 號.
輻射干擾場強量測地點: 桃園市八德區長安街 140-1 號.

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。

2.4GHz 頻段適用下列表格

項次	測試項目	適用規範	測試結果	量測設備	結果判定
1	電源線傳導干擾	低功率射頻電機技術規範 2.3 節	請參閱 4.1 節	請參閱 2.1 節	合格
2	場強輻射	低功率射頻電機技術規範 2.8 節、2.9 節、3.10.1.5.(1)節	請參閱 4.2.1 節	請參閱 2.1 節	合格
3	頻帶邊緣外之輻射發射	低功率射頻電機技術規範 3.10.1.5.(1)節	請參閱 4.2.1 節	請參閱 2.1 節	合格
4	峰值傳導輸出功率	低功率射頻電機技術規範 3.10.1.2(1)(C)節	請參閱 4.2.2 節	請參閱 2.1 節	合格
5	天線規格	低功率射頻電機技術規範 3.10.1.3(3)、3.10.1.4 節	請參閱 4.2.3 節	-------	合格
6	非必要頻帶	低功率射頻電機技術規範 3.10.1.5(1)節	請參閱 4.2.4 節	請參閱 2.1 節	合格
7	6dB 頻寬	低功率射頻電機技術規範 3.10.1.6(2)(A)節	請參閱 4.2.5 節	請參閱 2.1 節	合格
8	峰值發射電功率密度	低功率射頻電機技術規範 3.10.1.6(2)(B)節	請參閱 4.2.6 節	請參閱 2.1 節	合格
9	電波暴露量之評估	低功率射頻電機技術規範 5.20.2.1 節、5.20.2.2 節	請參閱 4.2.7 節	請參閱 2.1 節	合格

5GHz U-NII 頻段適用下列表格

項次	測試項目	適用規範	測試結果	量測設備	結果判定
1	電源線傳導干擾	低功率射頻電機技術規範 2.3 節	請參閱 4.1 節	請參閱 2.1 節	合格
2	場強輻射	低功率射頻電機技術規範 2.8 節、2.9 節	請參閱 4.3.1 節	請參閱 2.1 節	合格
3	頻帶邊緣外之輻射發射	低功率射頻電機技術規範 2.7、4.7.4 節	請參閱 4.3.1 節	請參閱 2.1 節	合格
4	非必要頻帶	低功率射頻電機技術規範 4.7.4 節	請參閱 4.3.1 節	請參閱 2.1 節	合格
5	峰值發射功率	低功率射頻電機技術規範 4.7.3.1、4.7.3.2、4.7.3.3 節	請參閱 4.3.2 節	請參閱 2.1 節	合格
6	峰值功率頻譜密度	低功率射頻電機技術規範 4.7.3.1、4.7.3.2、4.7.3.3 節	請參閱 4.3.3 節	請參閱 2.1 節	合格
7	26dB 頻寬之要求	N/A	請參閱 4.3.4 節	請參閱 2.1 節	----
8	6dB 頻寬之要求	低功率射頻電機技術規範 4.7.5 節	請參閱 4.3.5 節	請參閱 2.1 節	合格
9	發射功率控制(TPC)	低功率射頻電機技術規範 4.7.7.1 節	請參閱 4.3.6 節	請參閱 2.1 節	不適用
10	動態頻率選擇(DFS) 雷達偵測功能	低功率射頻電機技術規範 4.7.7.2 節	請參閱 4.3.7 節	請參閱 2.1 節	不適用
11	動態頻率選擇(DFS) 頻道可用性檢查時間	低功率射頻電機技術規範 4.7.7.2(3)節	請參閱 4.3.8 節	請參閱 2.1 節	不適用
12	動態頻率選擇(DFS) 頻道移動時間	低功率射頻電機技術規範 4.7.7.2(4)節	請參閱 4.3.9 節	請參閱 2.1 節	不適用
13	動態頻率選擇(DFS) 不可佔用時間	低功率射頻電機技術規範 4.7.7.2(5)節	請參閱 4.3.10 節	請參閱 2.1 節	不適用
14	天線規格	低功率射頻電機技術規範 4.7.8 節	請參閱 4.3.12 節	-------	合格
15	電波暴露量之評估	低功率射頻電機技術規範 5.20.2.1 節、5.20.2.2 節	請參閱 4.3.13 節	請參閱 2.1 節	合格

4. 測試項目表列

4.1 電源線傳導干擾之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 2.3 節，以市電為電源之低功率射頻電機，其傳導回電源線上頻率自 150 kHz 至 30MHz 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 50Ω//50μH 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 0.15MHz 至 30MHz 之間之電源線傳導放射強度。

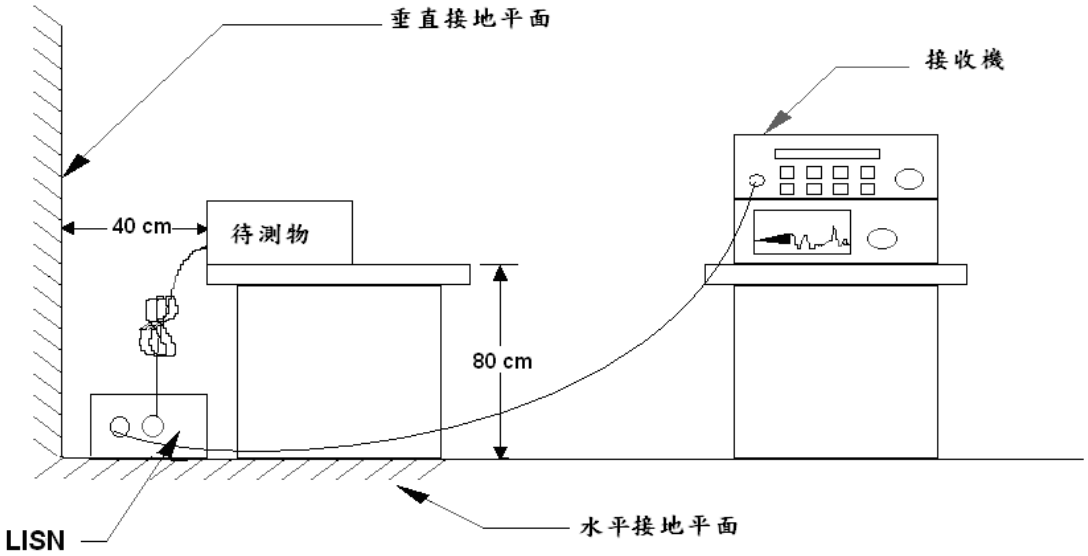
干擾值之計算

電源傳導干擾電壓之計算公式如下

結果值 = 儀器讀值(QP/AV) + 校正因子

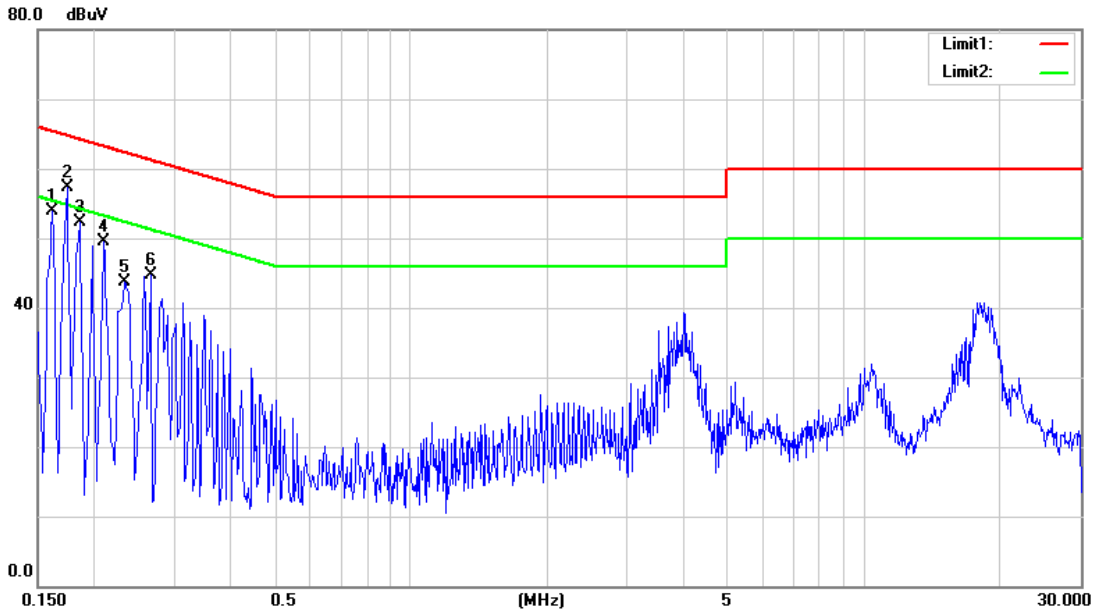
其中校正因子為： 饋線損失 + 電源阻抗模擬網路損失

測試架構圖 ：



測試結果:

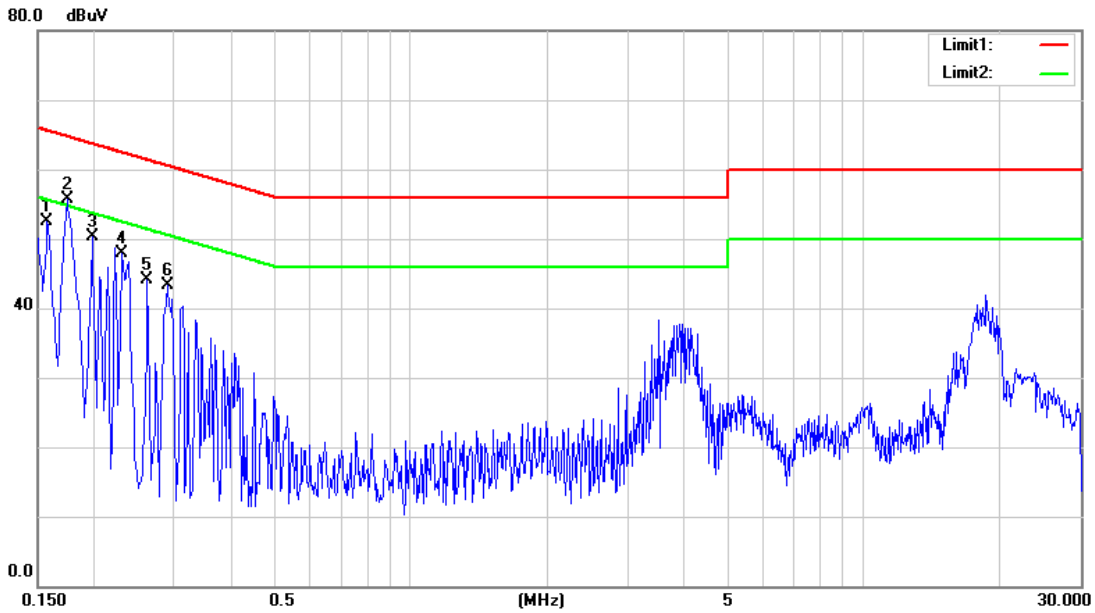
Standard:	LP0002	Line:	L1
Test item:	Conducted Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
		Date:	08/22/2016
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1620	38.83	10.82	9.60	48.43	20.42	65.36	55.36	-16.93	-34.94	Pass
2	0.1740	42.40	29.74	9.60	52.00	39.34	64.77	54.77	-12.77	-15.43	Pass
3	0.1860	35.94	10.40	9.59	45.53	19.99	64.21	54.21	-18.68	-34.22	Pass
4	0.2100	32.89	5.70	9.59	42.48	15.29	63.21	53.21	-20.73	-37.92	Pass
5	0.2340	35.01	23.17	9.59	44.60	32.76	62.31	52.31	-17.71	-19.55	Pass
6	0.2660	27.38	1.90	9.60	36.98	11.50	61.24	51.24	-24.26	-39.74	Pass

註：1. QP / AVG result (dBuV) = Correction factor (dB) + QP / AVG reading (dBuV)。
2. Correction factor dB) = 量測信號線損失(dB) + 電源阻抗模擬網路係數(dB)。

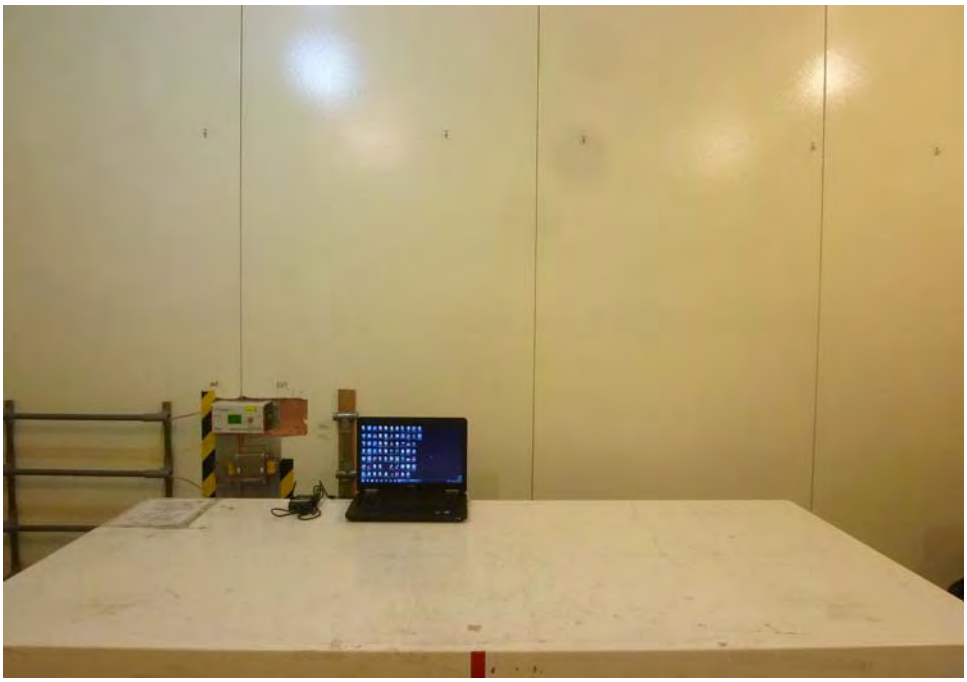
Standard:	LP0002	Line:	N
Test item:	Conducted Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
		Date:	08/22/2016
Description:			

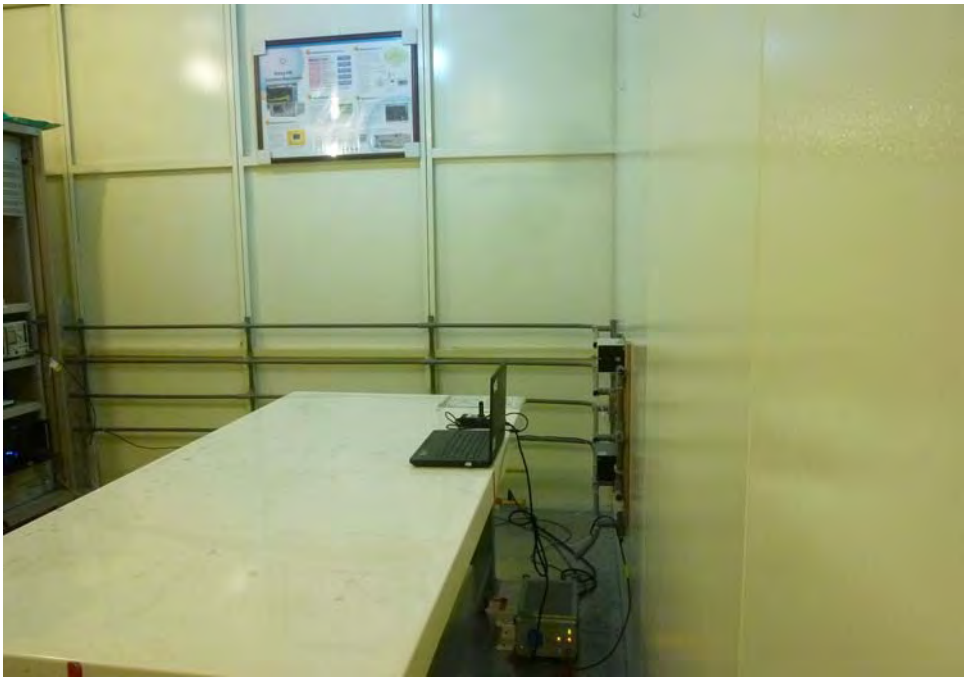


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1580	39.57	10.79	9.59	49.16	20.38	65.57	55.57	-16.41	-35.19	Pass
2	0.1740	42.36	29.07	9.59	51.95	38.66	64.77	54.77	-12.82	-16.11	Pass
3	0.1980	34.19	7.25	9.58	43.77	16.83	63.69	53.69	-19.92	-36.86	Pass
4	0.2300	32.39	18.47	9.58	41.97	28.05	62.45	52.45	-20.48	-24.40	Pass
5	0.2620	27.72	2.17	9.59	37.31	11.76	61.37	51.37	-24.06	-39.61	Pass
6	0.2900	28.47	15.73	9.59	38.06	25.32	60.52	50.52	-22.46	-25.20	Pass

註：1. QP / AVG result (dBuV) = Correction factor (dB) + QP / AVG reading (dBuV)。
2. Correction factor dB) = 量測信號線損失(dB) + 電源阻抗模擬網路係數(dB)。

測試配置照片:

敘述： 傳導干擾檢驗照片(前)


敘述： 傳導干擾檢驗照片(後)


4.2 2.4GHz 檢驗項目

4.2.1 場強輻射之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之使用頻帶範圍外之任意 100 千赫 (kHz)內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫(kHz)內的射頻功率，至少須衰減 20 dB，以射頻傳導或輻射方式測量。如發射機以依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.2(1)(C)之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 2.7 節禁用頻段之輻射發射，應符合第 2.8 節之規定。

依據 NCC 低功率射頻電機技術規範第 2.7 節之規定,禁用頻段如下：

頻率(MHz)	頻率(MHz)	頻率(MHz)	頻率(MHz)
0.090～0.110	108.00～138.00	1660.0～1770.0	8025.0～8500.0
0.490～0.510	149.90～150.05	1805.0～1865.0	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	2015.0～2025.0	13250～13400
5.670～5.690	240.00～285.00	2125.0～2165.0	14470～14500
6.200～6.300	322.00～335.40	2200.0～2300.0	15350～16200
8.230～8.400	399.90～410.00	2310.0～2390.0	17700～21400
12.265～12.600	485.00～510.00	2483.5～2900.0	22010～23120
13.340～13.430	608.00～614.00	3260.0～3267.0	23600～24000
14.965～15.020	703.00～748.00	3332.0～3339.0	31200～31800
16.700～16.755	758.00～803.00	3345.8～3358.0	36430～36500
19.965～20.020	825.00～915.00	3500.0～4400.0	38600 以上
25.500～25.700	930.00～1240.0	4500.0～5250.0	
37.475～38.275	1300.0～1427.0	5350.0～5460.0	
73.500～75.400	1435.0～1626.5	7250.0～7750.0	

依據 NCC 低功率射頻電機技術規範第 2.8 節之規定,除本規範各章節另有放寬規定者外，其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。各頻段重疊處，以較嚴格之限制值為準。

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

測試方法 ：

測試場地為開放測試場,將待測物置於 1.5 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。

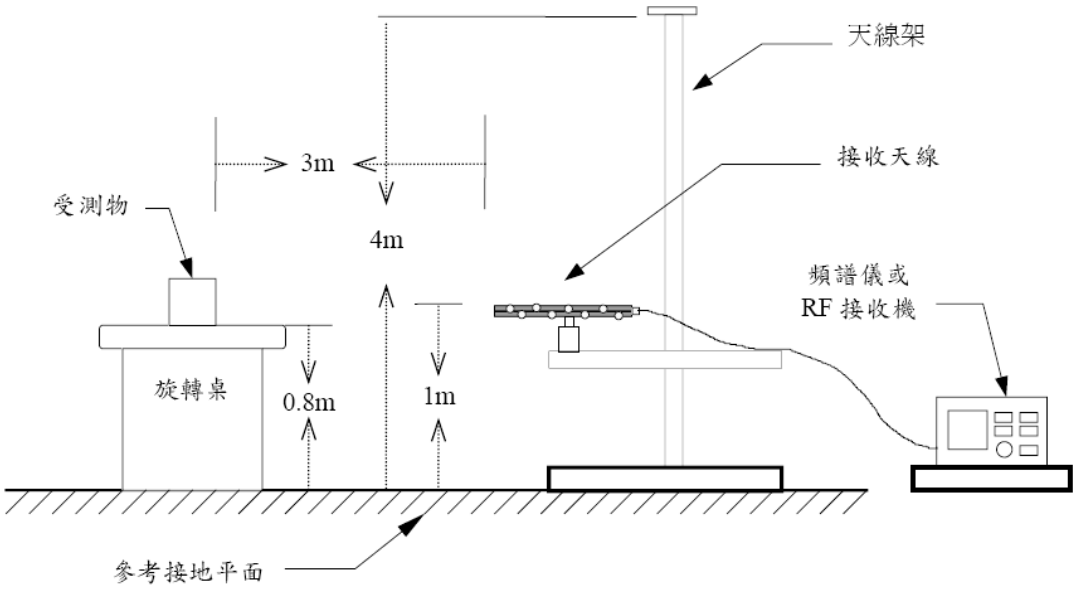
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

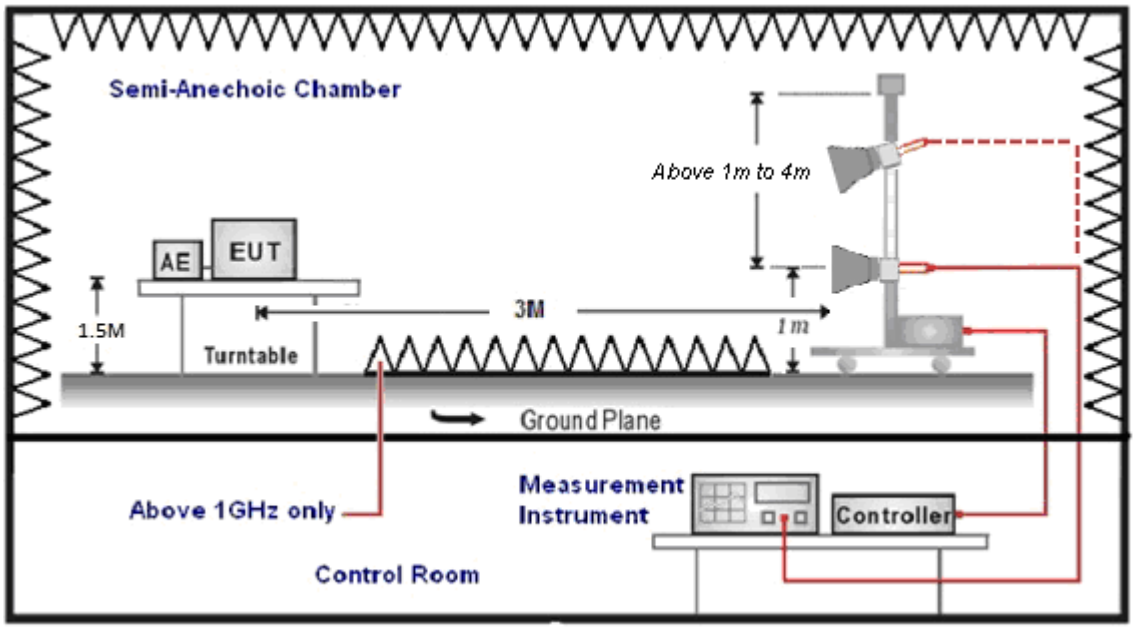
其中校正因子為： 天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖 ：

量測頻率低於 1GHz 以下之測試配置



量測頻率高於 1GHz 以上之測試配置



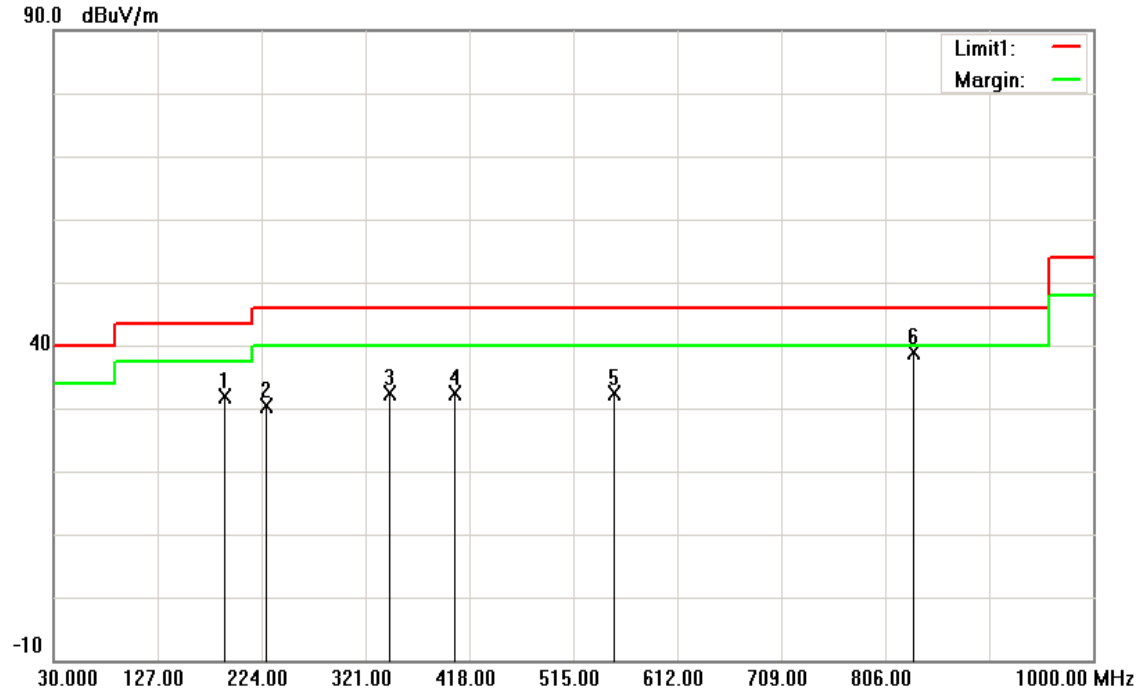
測試結果:

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

場強輻射之量測依據輸出峰值功率之量測結果取其最大值之操作模式為場強輻射測試模式。

其它不必要之訊號 (1GHz 以下)

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Horizontal	Date:	2016/8/3
Description:			



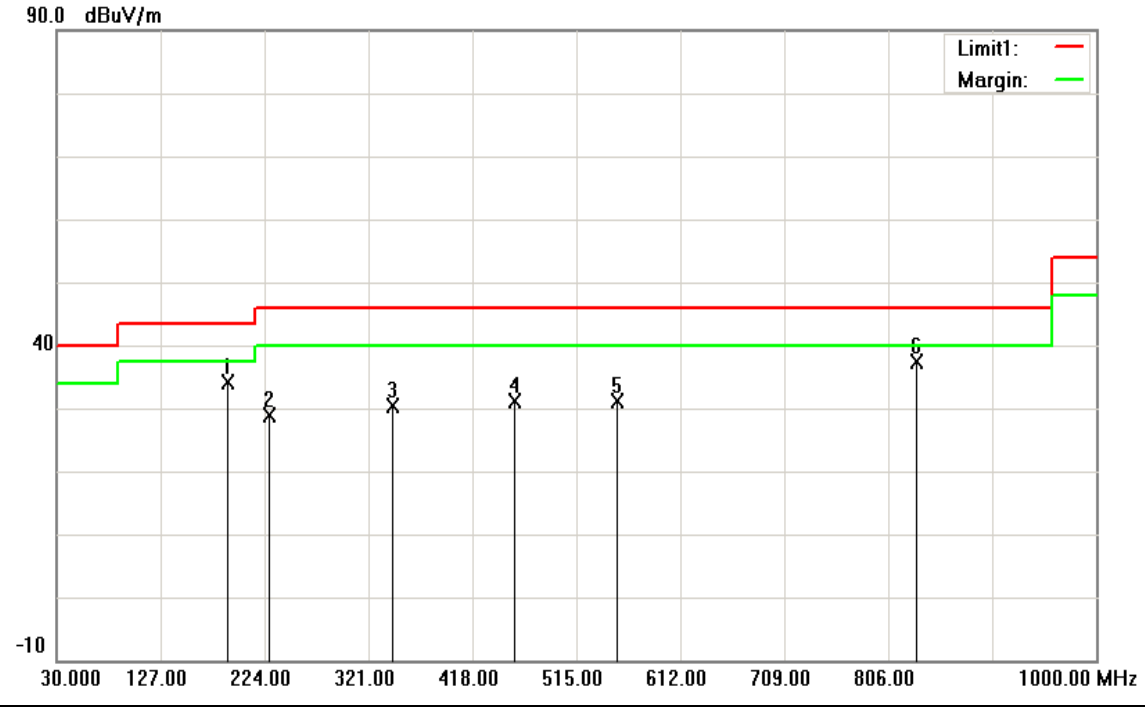
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	190.5000	39.37	-7.41	31.96	43.50	-11.54	QP
2	228.5000	37.65	-7.22	30.43	46.00	-15.57	QP
3	344.0000	35.23	-2.77	32.46	46.00	-13.54	QP
4	405.0000	34.04	-1.55	32.49	46.00	-13.51	QP
5	553.5000	30.72	1.56	32.28	46.00	-13.72	QP
6	833.0000	31.72	7.26	38.98	46.00	-7.02	QP

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Vertical	Date:	2016/8/3
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	191.0000	41.45	-7.44	34.01	43.50	-9.49	QP
2	228.5000	36.14	-7.22	28.92	46.00	-17.08	QP
3	344.0000	33.08	-2.77	30.31	46.00	-15.69	QP
4	457.5000	31.14	-0.03	31.11	46.00	-14.89	QP
5	553.5000	29.55	1.56	31.11	46.00	-14.89	QP
6	833.0000	30.18	7.26	37.44	46.00	-8.56	QP

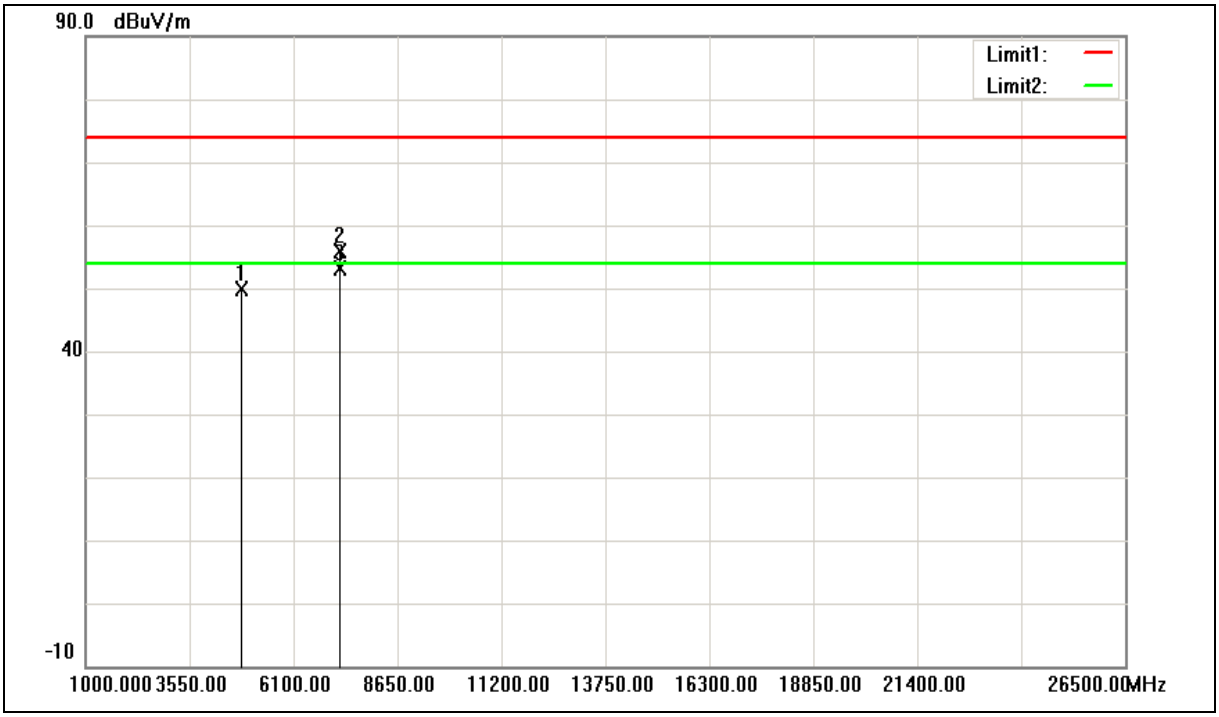
註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

場強輻射量側 (1GHz 以上)

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2412MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 2	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



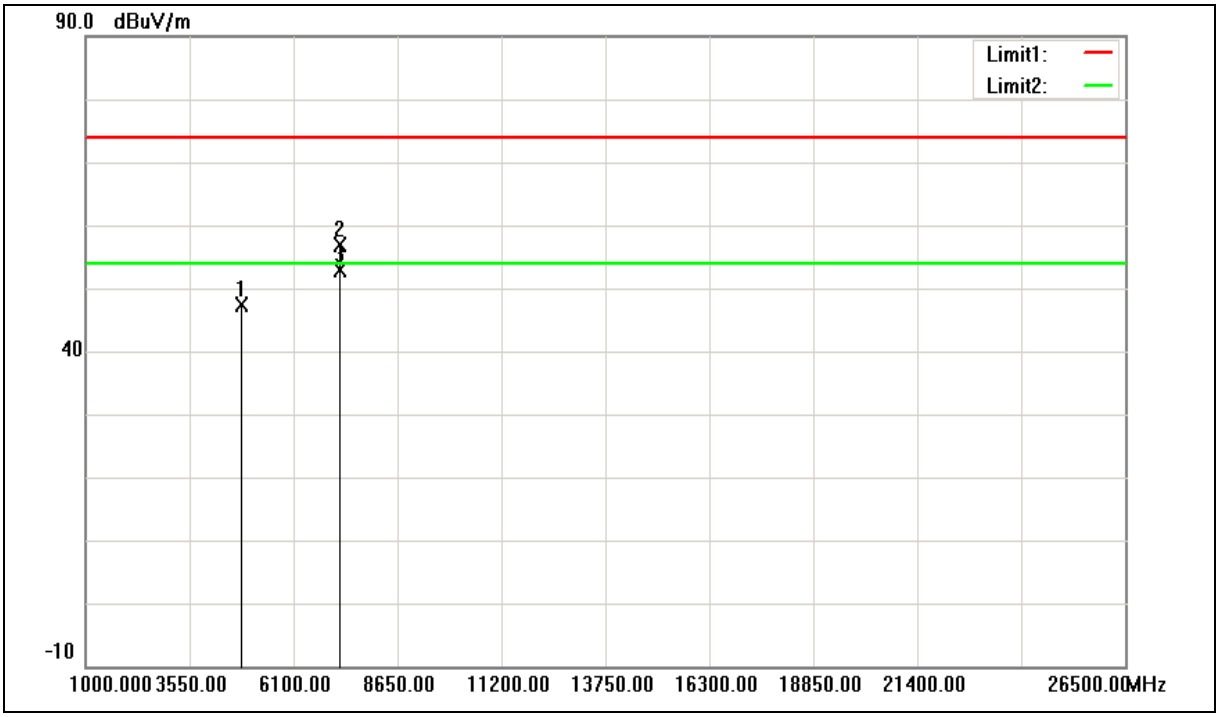
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	57.90	-7.96	49.94	74.00	-24.06	peak
2	7236.000	56.92	-1.11	55.81	74.00	-18.19	peak
3	7236.000	54.13	-1.11	53.02	54.00	-0.98	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2412MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 2	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



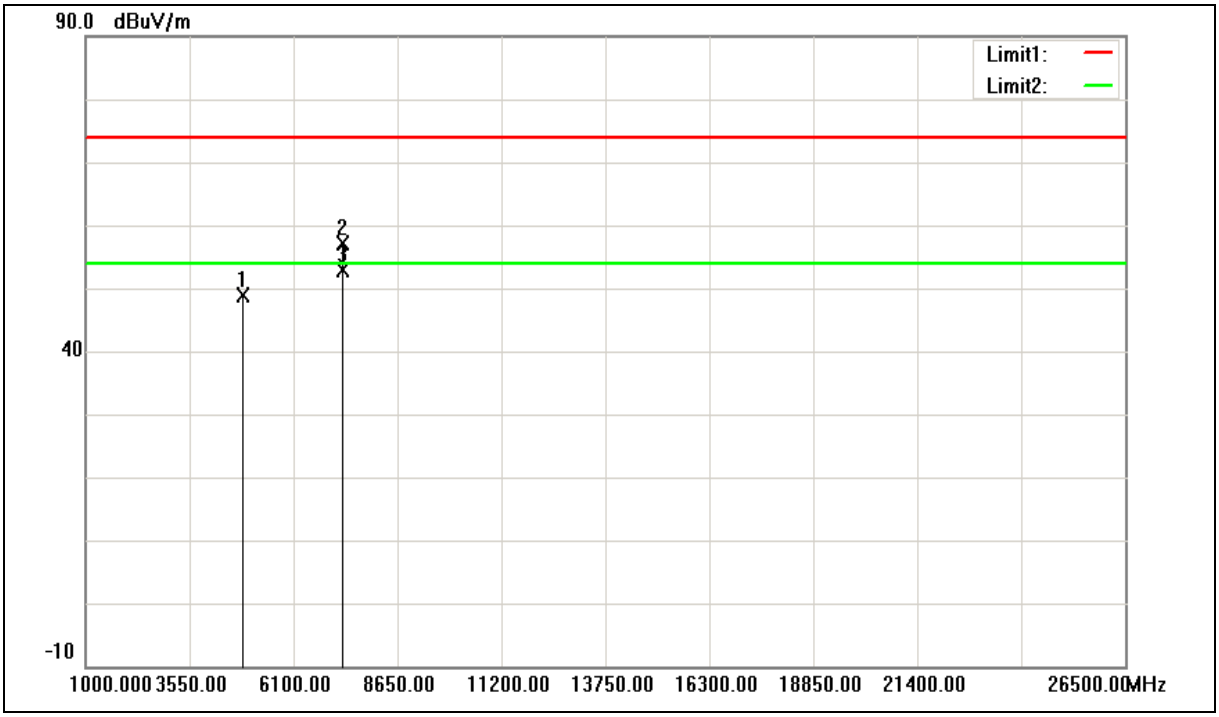
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	55.24	-7.96	47.28	74.00	-26.72	peak
2	7236.000	57.96	-1.11	56.85	74.00	-17.15	peak
3	7236.000	54.09	-1.11	52.98	54.00	-1.02	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 2	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



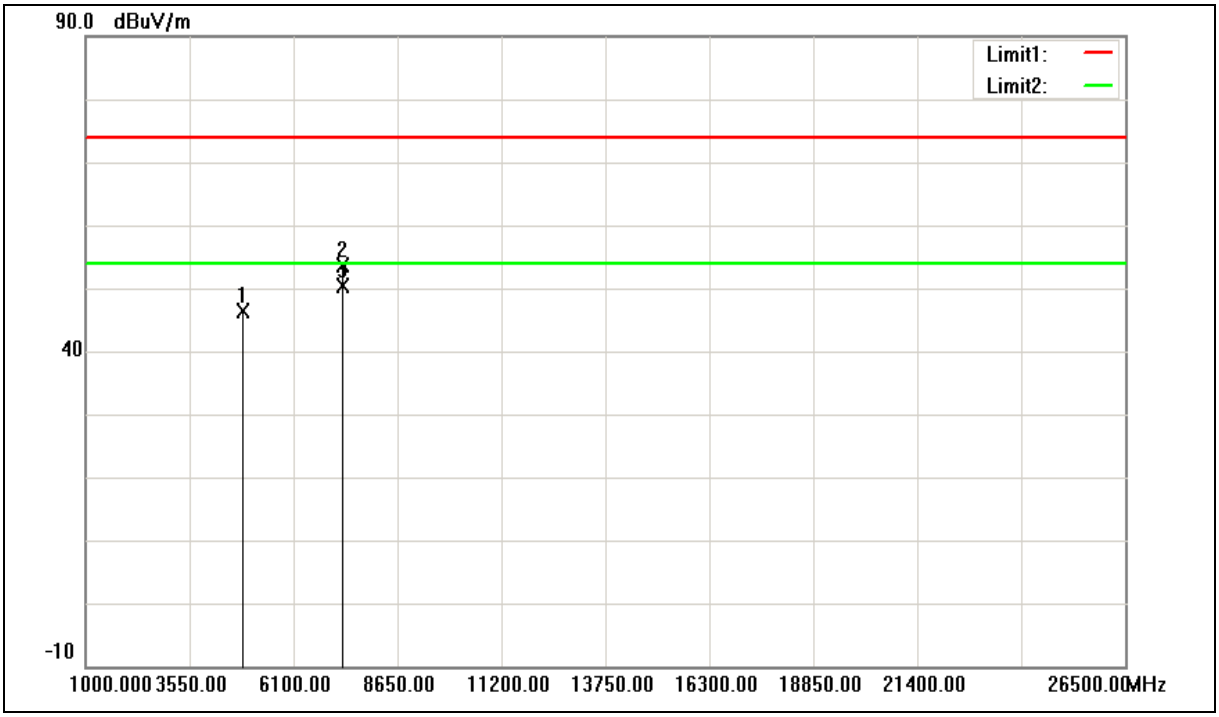
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	56.69	-7.80	48.89	74.00	-25.11	peak
2	7311.000	57.89	-0.82	57.07	74.00	-16.93	peak
3	7311.000	53.76	-0.82	52.94	54.00	-1.06	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 2	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



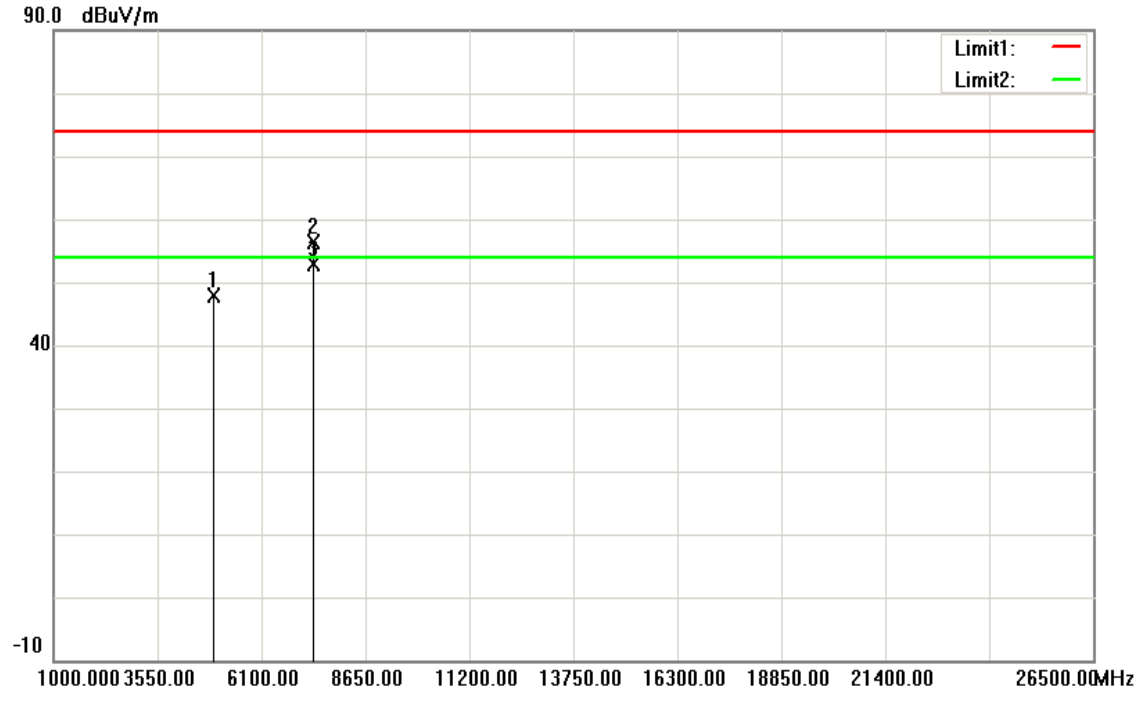
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	54.27	-7.80	46.47	74.00	-27.53	peak
2	7311.000	54.39	-0.82	53.57	74.00	-20.43	peak
3	7311.000	51.08	-0.82	50.26	54.00	-3.74	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2462MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 2	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



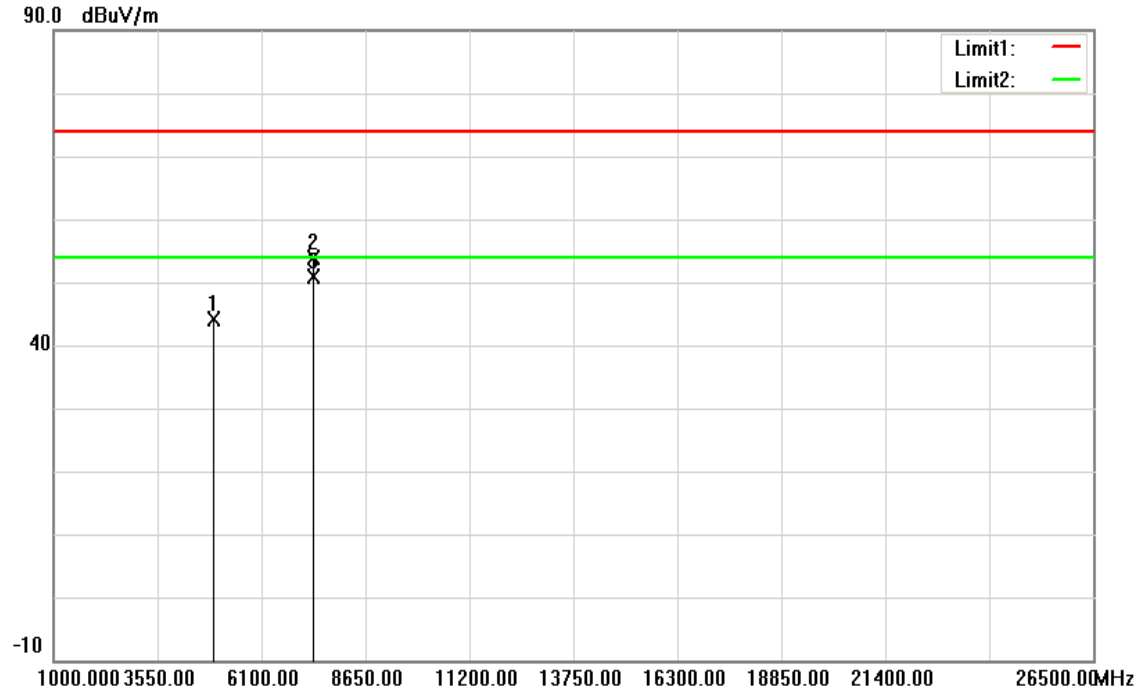
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	55.43	-7.65	47.78	74.00	-26.22	peak
2	7386.000	57.02	-0.53	56.49	74.00	-17.51	peak
3	7386.000	53.40	-0.53	52.87	54.00	-1.13	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2462MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 2	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



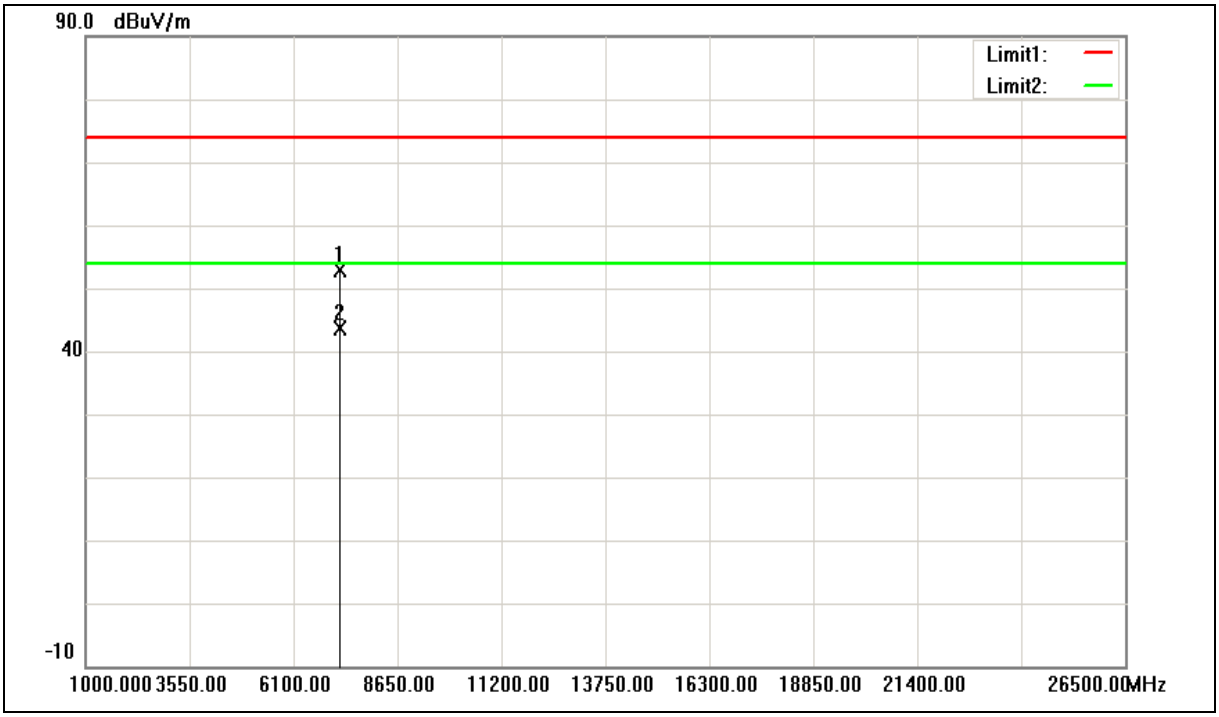
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	51.85	-7.65	44.20	74.00	-29.80	peak
2	7386.000	54.45	-0.53	53.92	74.00	-20.08	peak
3	7386.000	51.35	-0.53	50.82	54.00	-3.18	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2412MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 3	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



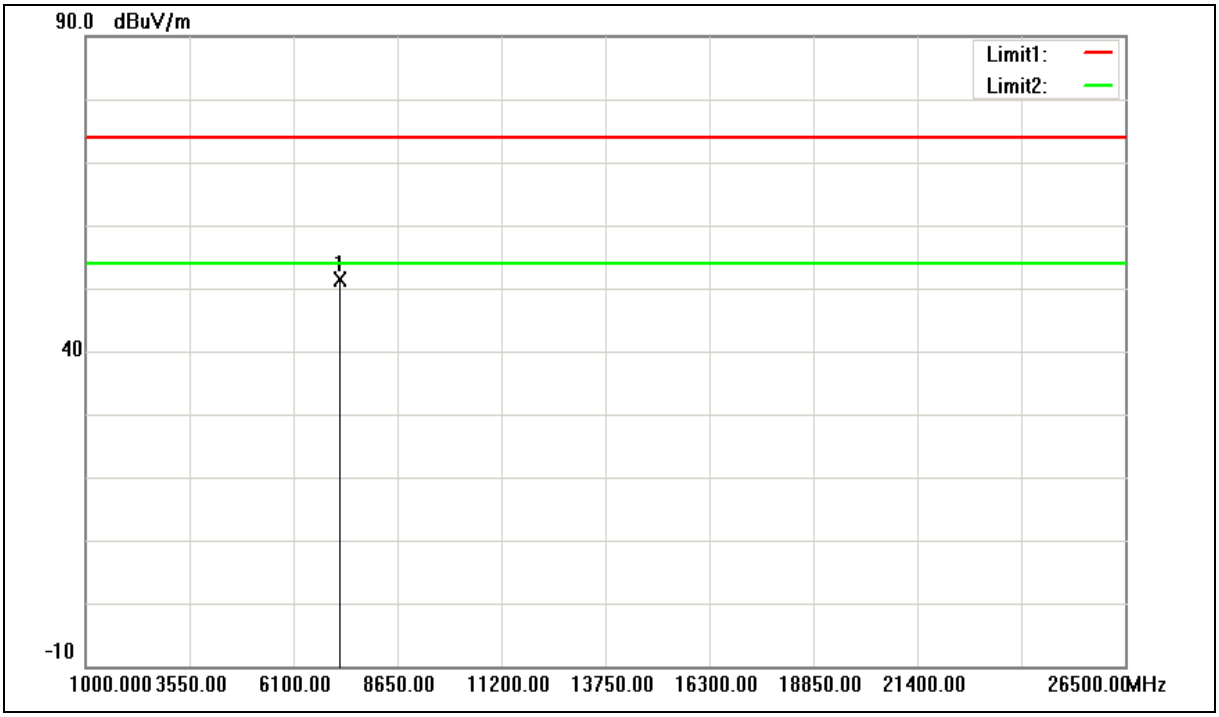
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7236.000	54.01	-1.11	52.90	74.00	-21.10	peak
2	7236.000	44.82	-1.11	43.71	54.00	-10.29	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2412MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 3	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



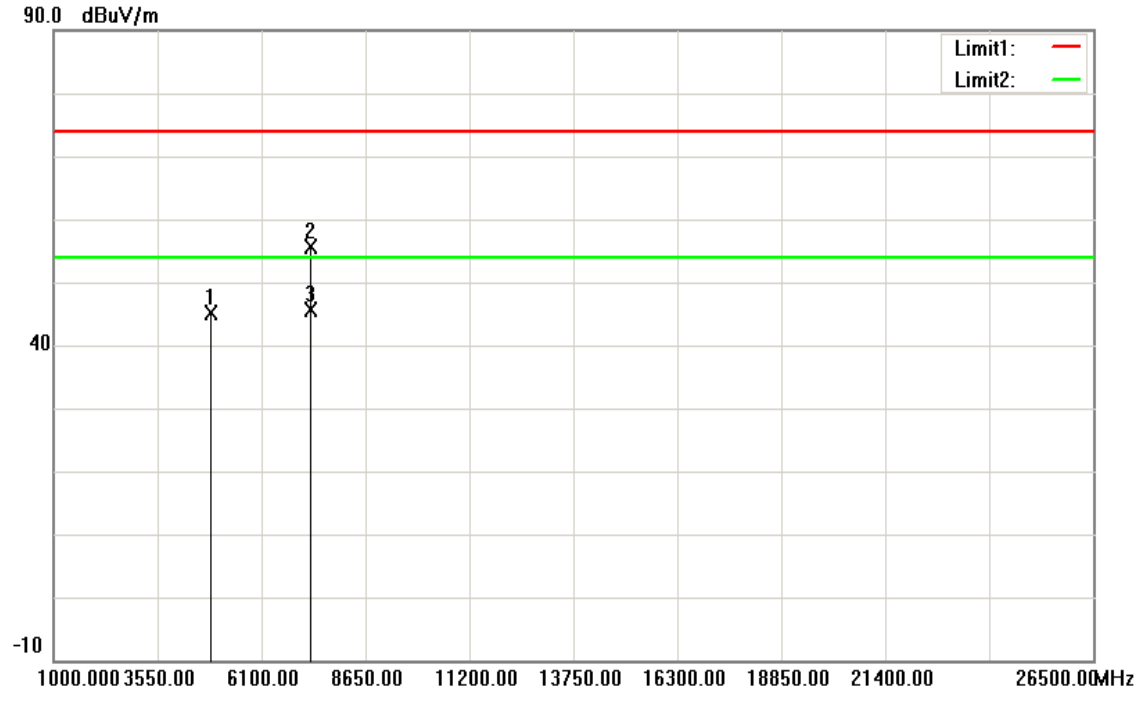
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7236.000	52.47	-1.11	51.36	74.00	-22.64	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 3	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



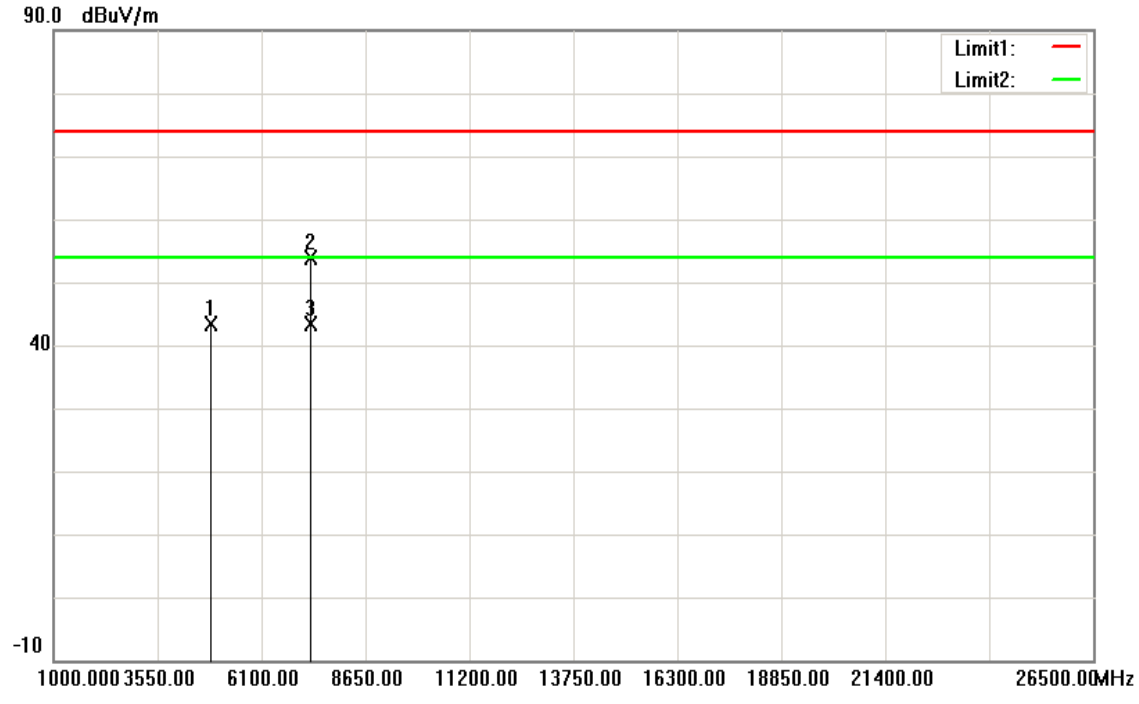
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	52.87	-7.80	45.07	74.00	-28.93	peak
2	7311.000	56.37	-0.82	55.55	74.00	-18.45	peak
3	7311.000	46.39	-0.82	45.57	54.00	-8.43	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 3	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



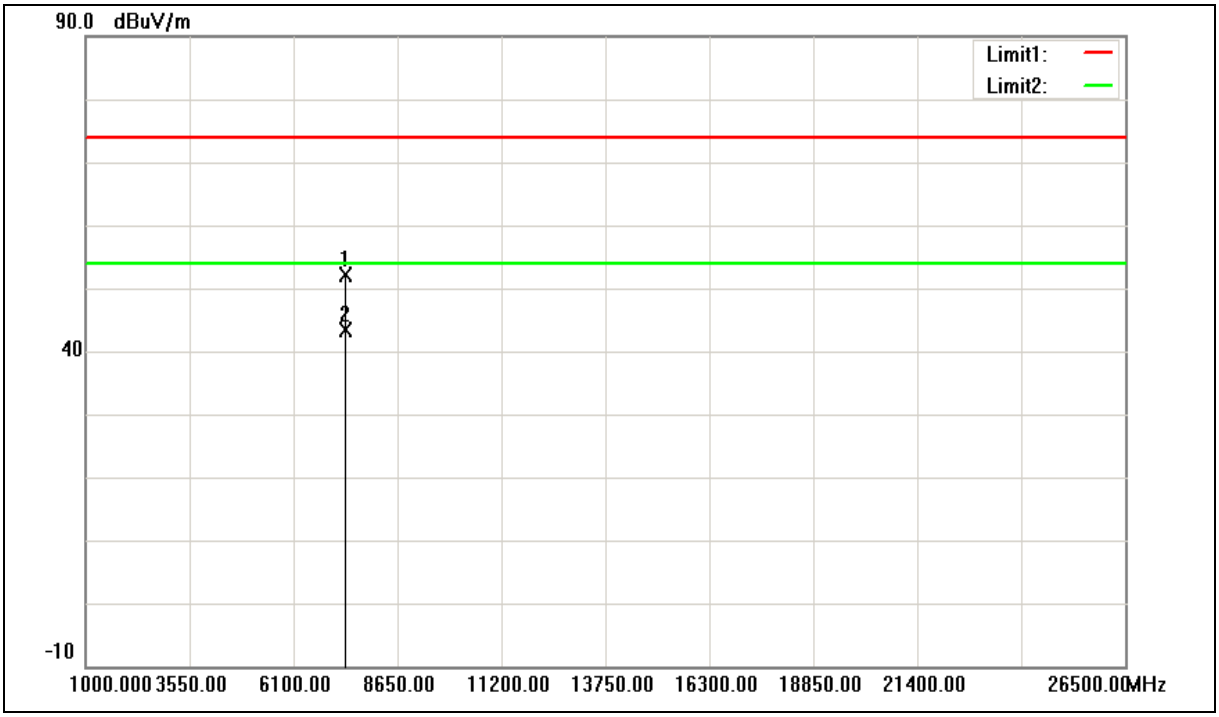
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	51.20	-7.80	43.40	74.00	-30.60	peak
2	7311.000	54.65	-0.82	53.83	74.00	-20.17	peak
3	7311.000	44.13	-0.82	43.31	54.00	-10.69	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2462MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 3	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



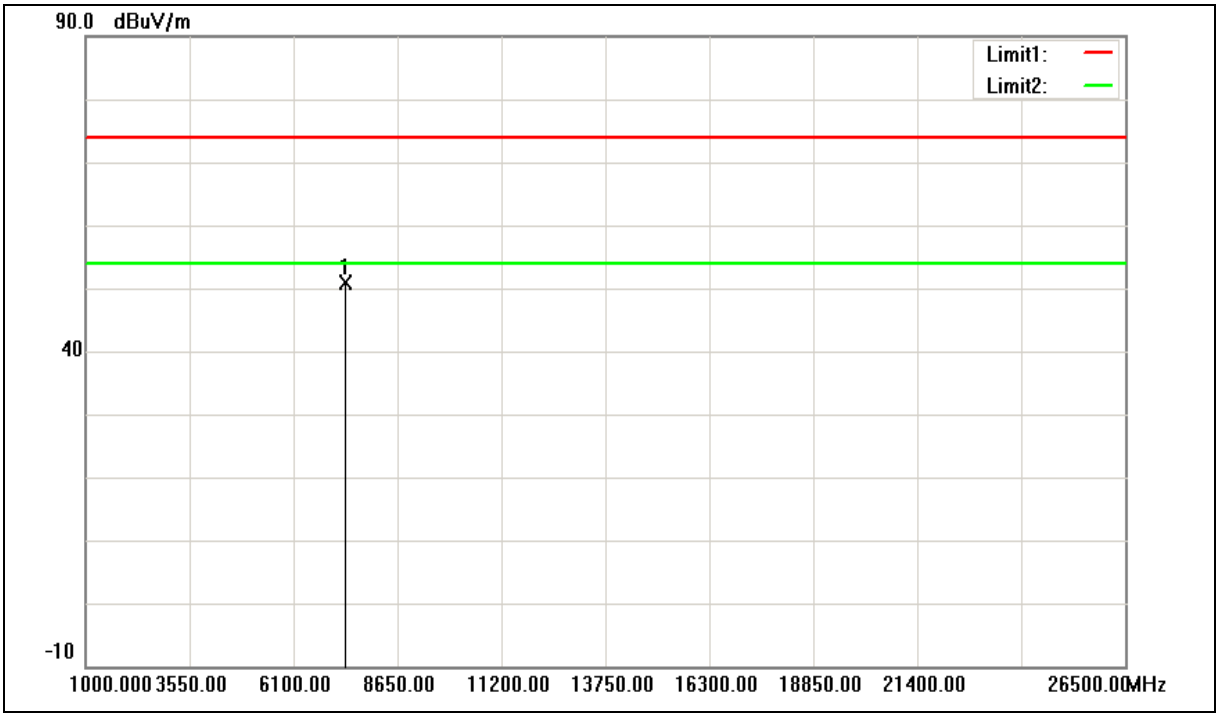
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7386.000	52.78	-0.53	52.25	74.00	-21.75	peak
2	7386.000	43.83	-0.53	43.30	54.00	-10.70	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2462MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 3	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



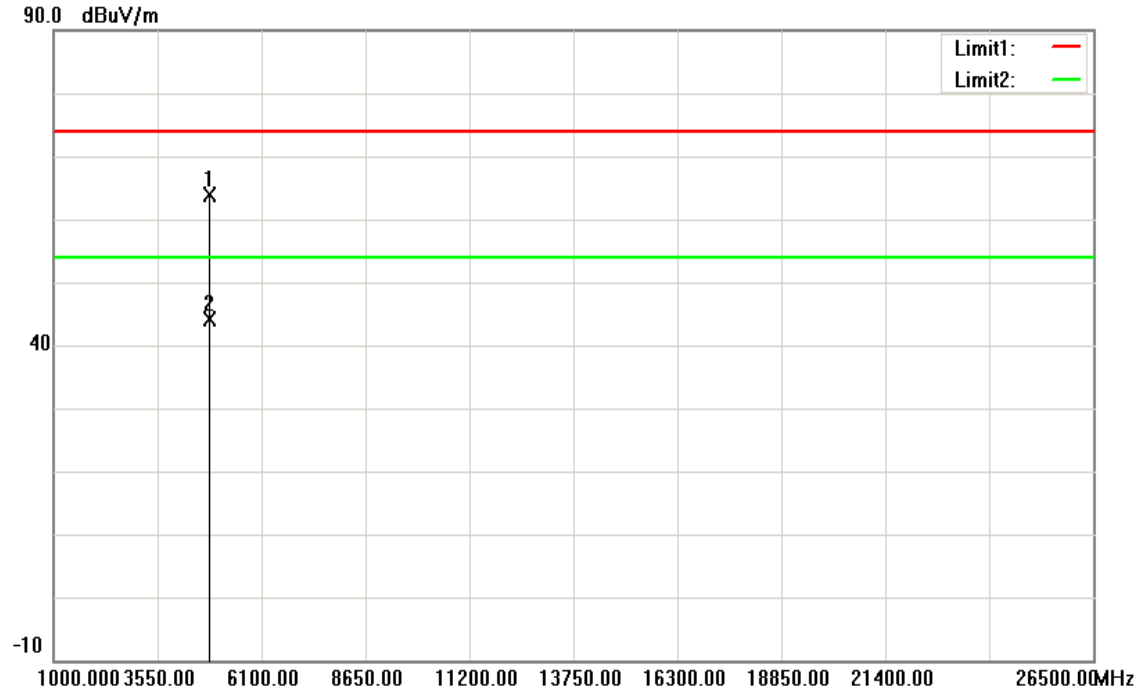
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7386.000	51.38	-0.53	50.85	74.00	-23.15	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2412MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



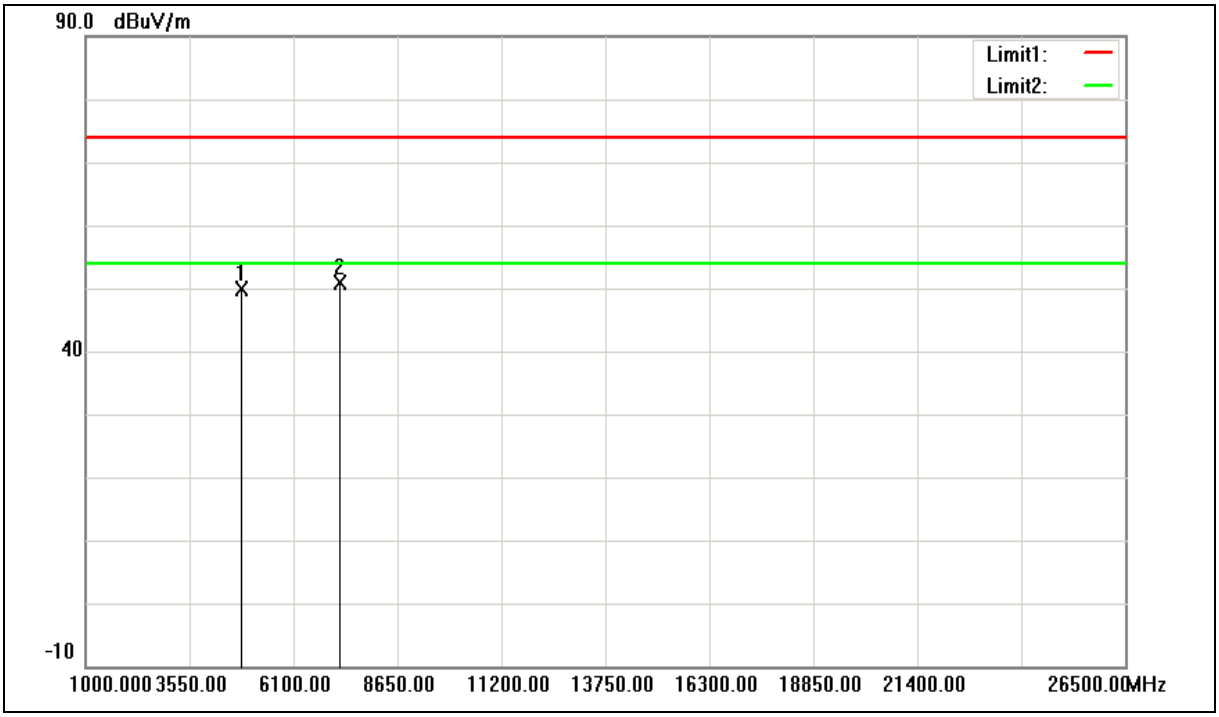
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	71.80	-7.96	63.84	74.00	-10.16	peak
2	4824.000	52.20	-7.96	44.24	54.00	-9.76	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2412MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



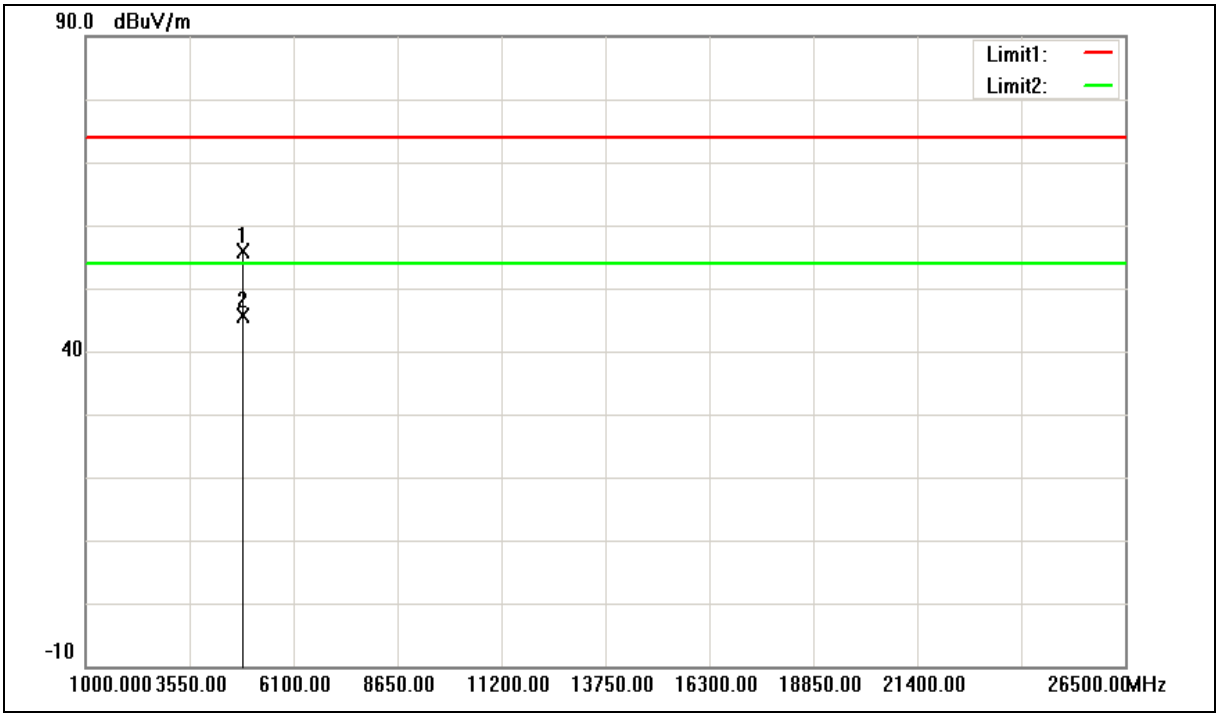
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	57.72	-7.96	49.76	74.00	-24.24	peak
2	7236.000	52.03	-1.11	50.92	74.00	-23.08	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



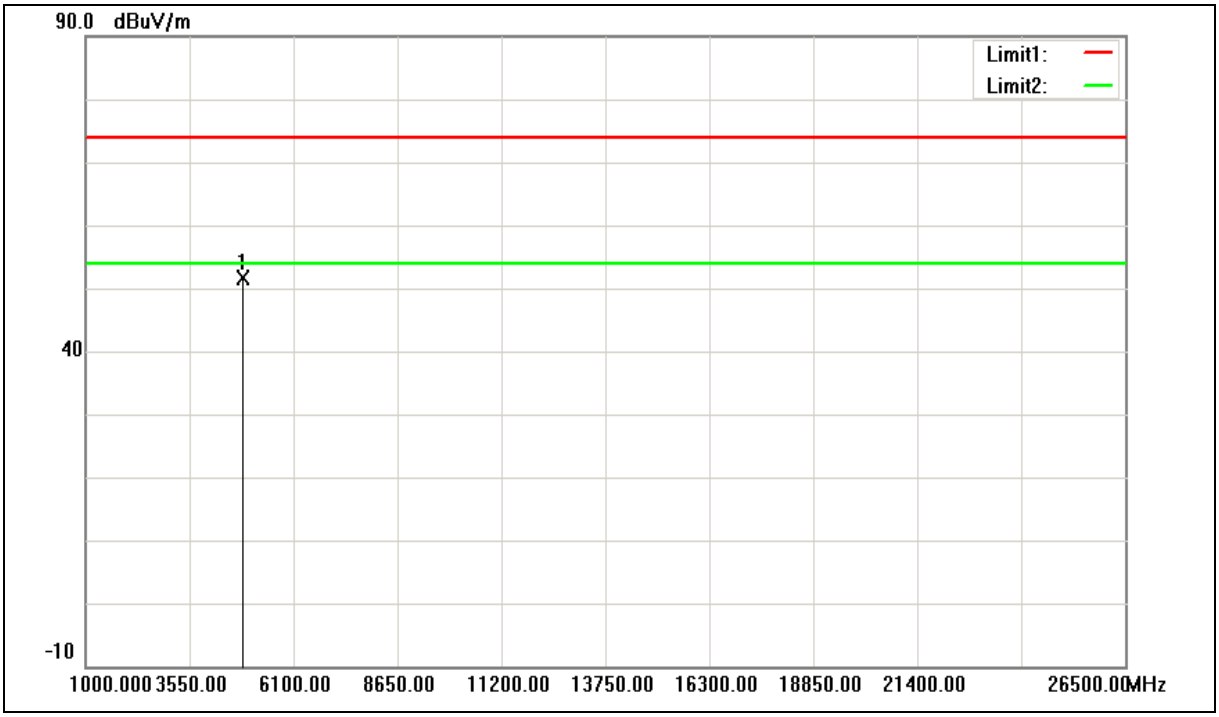
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	63.77	-7.80	55.97	74.00	-18.03	peak
2	4874.000	53.43	-7.80	45.63	54.00	-8.37	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



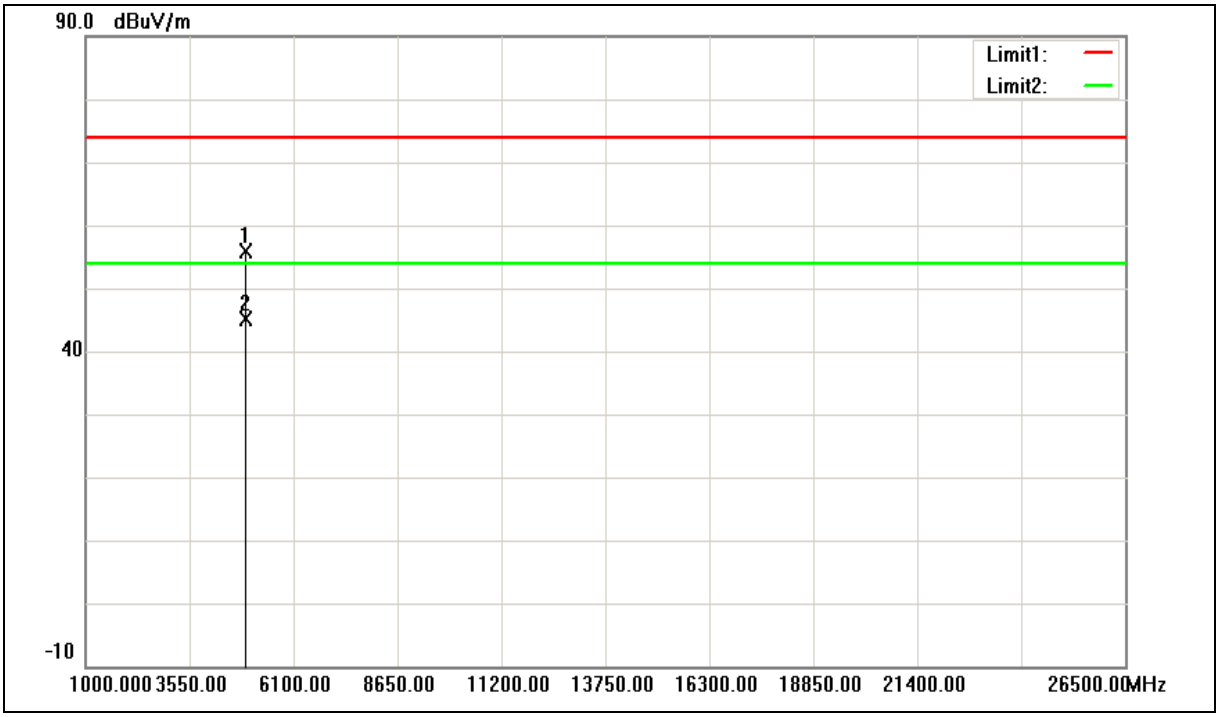
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	59.50	-7.80	51.70	74.00	-22.30	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2462MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



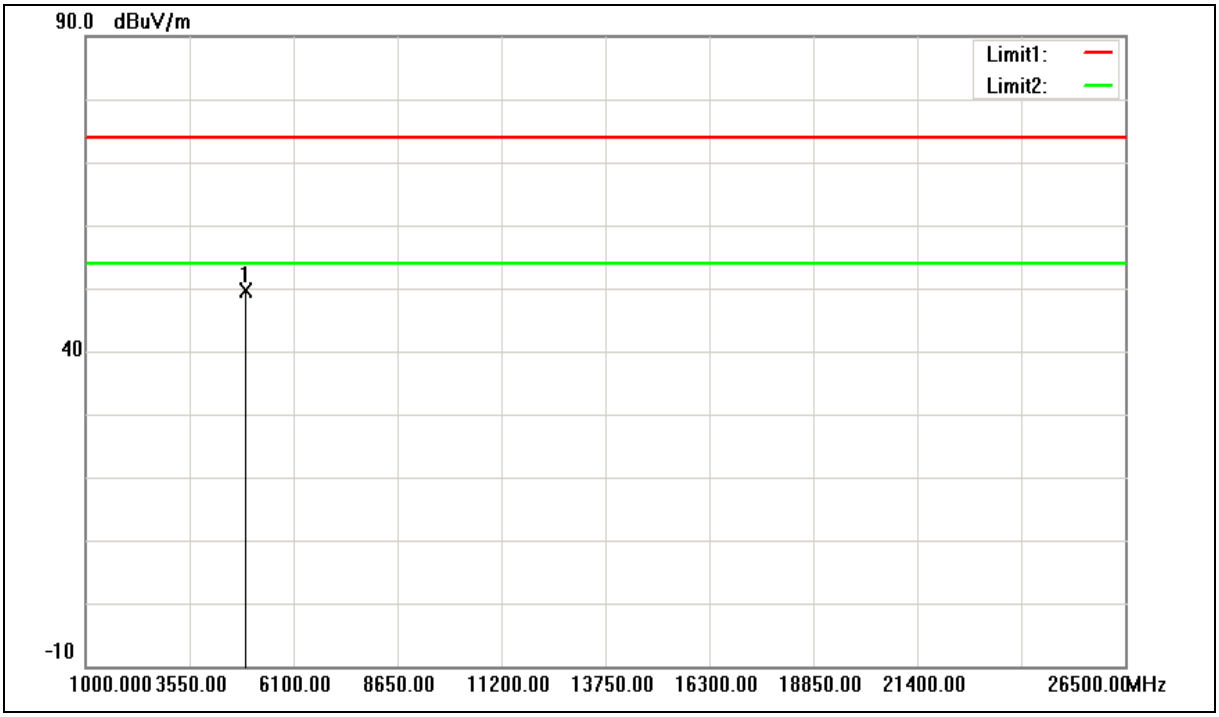
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	63.63	-7.65	55.98	74.00	-18.02	peak
2	4924.000	52.68	-7.65	45.03	54.00	-8.97	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2462MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



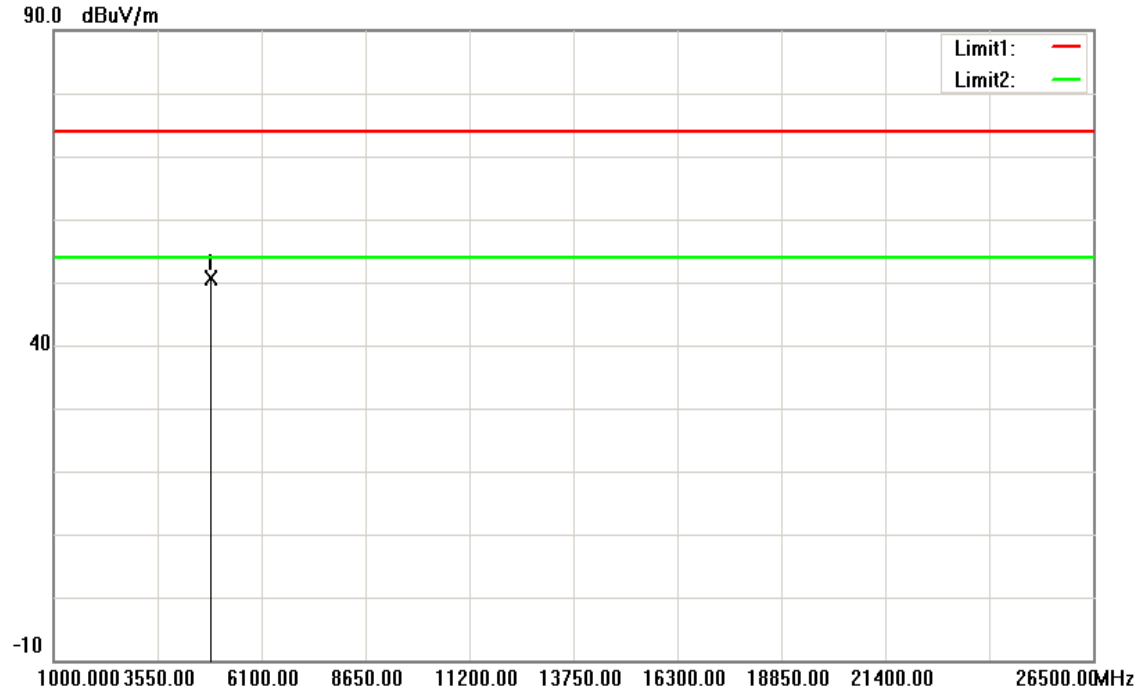
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	57.34	-7.65	49.69	74.00	-24.31	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2422MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



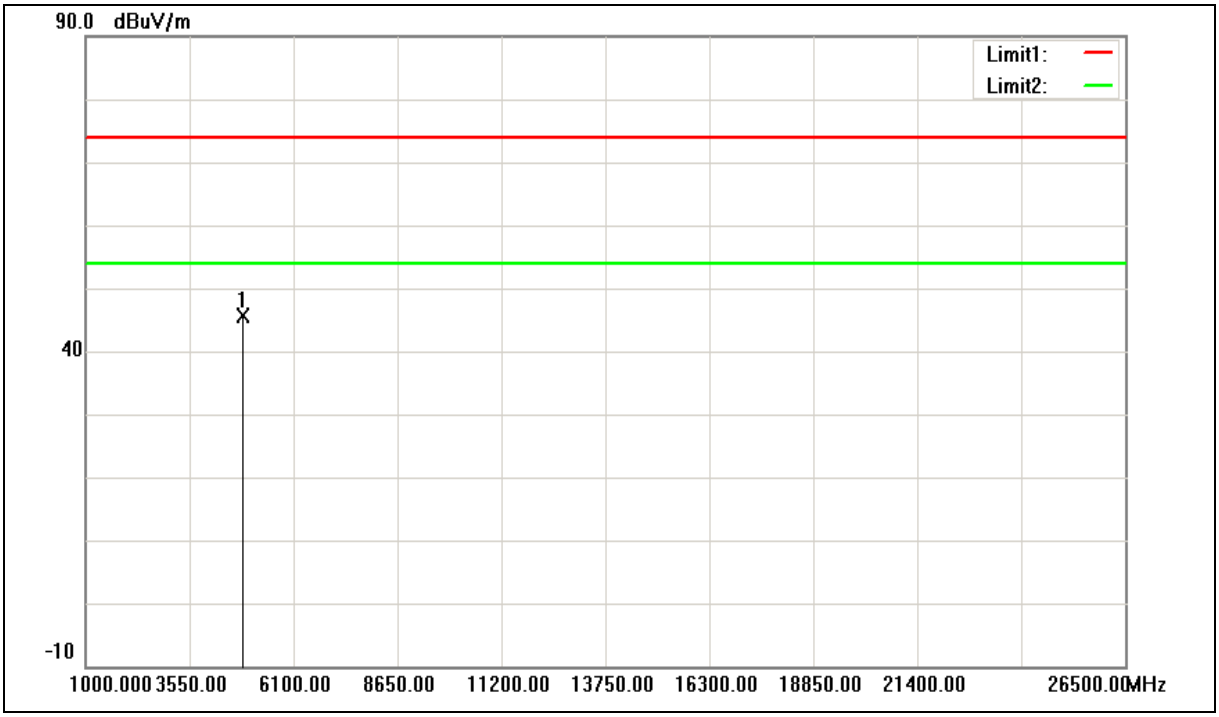
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	58.45	-7.88	50.57	74.00	-23.43	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2422MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



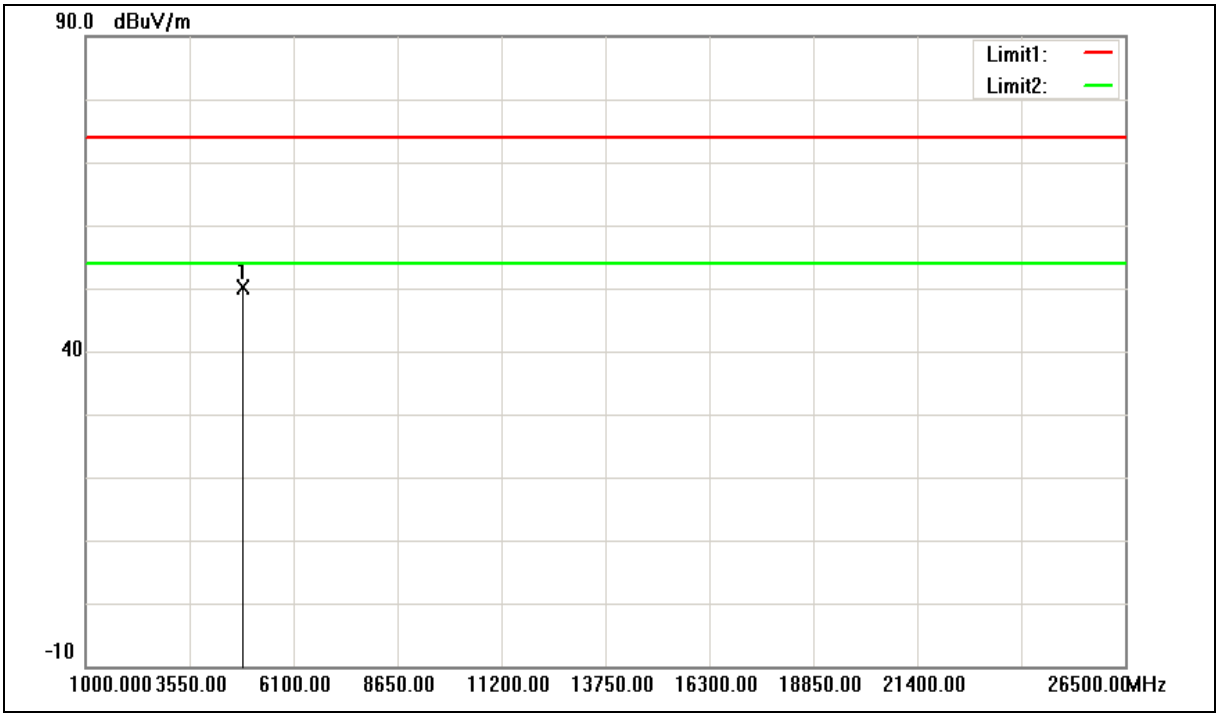
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	53.55	-7.88	45.67	74.00	-28.33	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



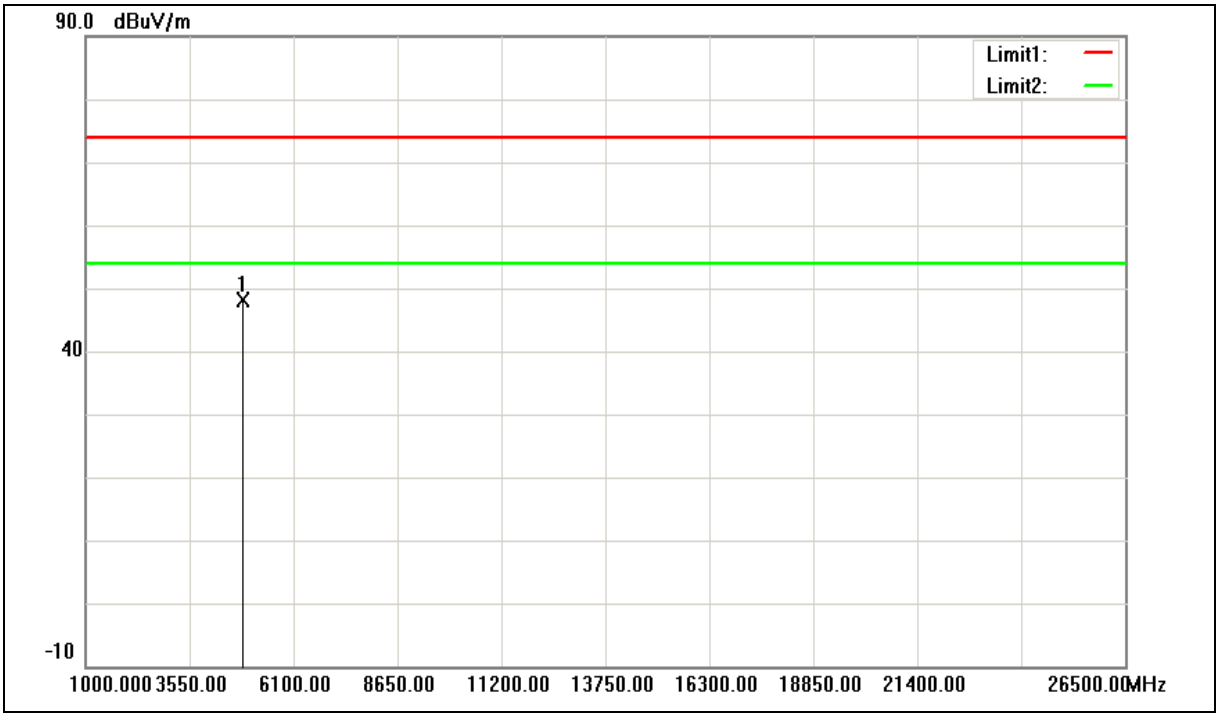
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	57.97	-7.80	50.17	74.00	-23.83	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



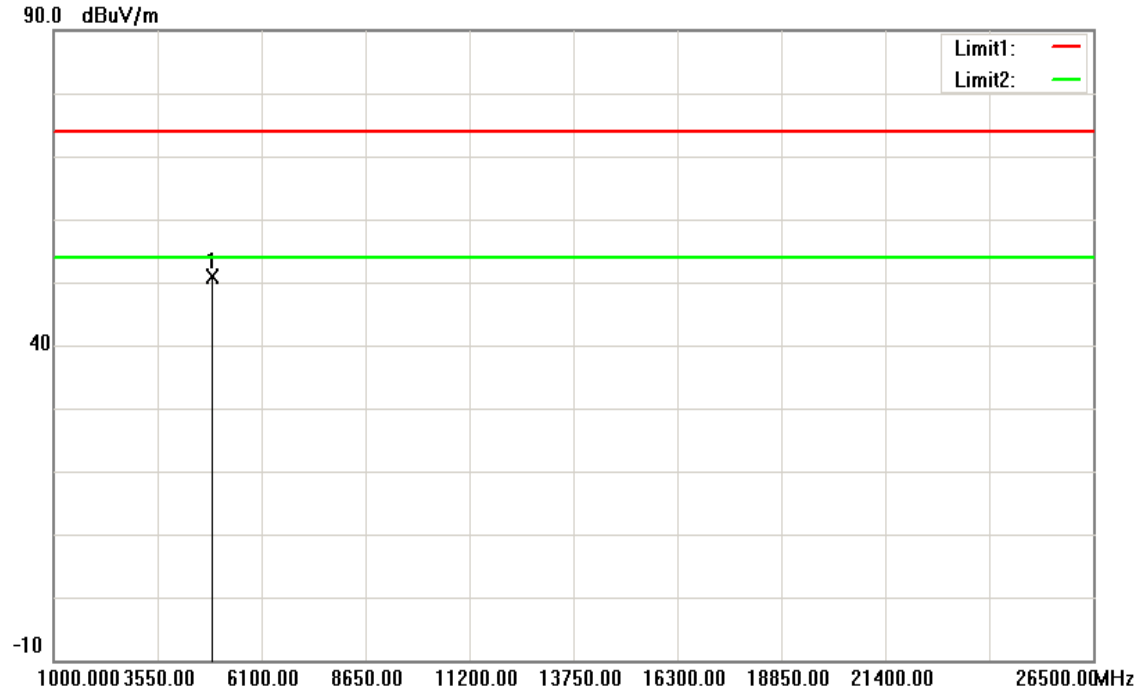
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	55.91	-7.80	48.11	74.00	-25.89	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2452MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/8/3
Ant.Polar.:	Horizontal		
Description:			



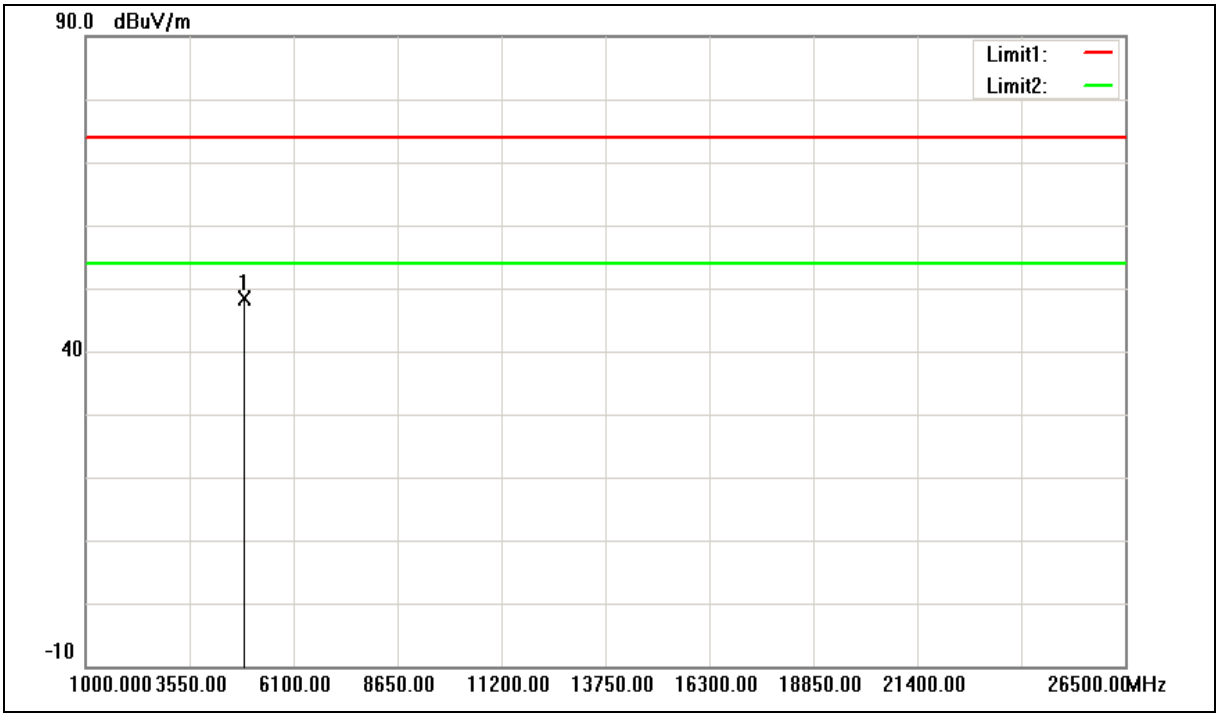
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	58.55	-7.70	50.85	74.00	-23.15	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2452MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/8/3
Ant.Polar.:	Vertical		
Description:			



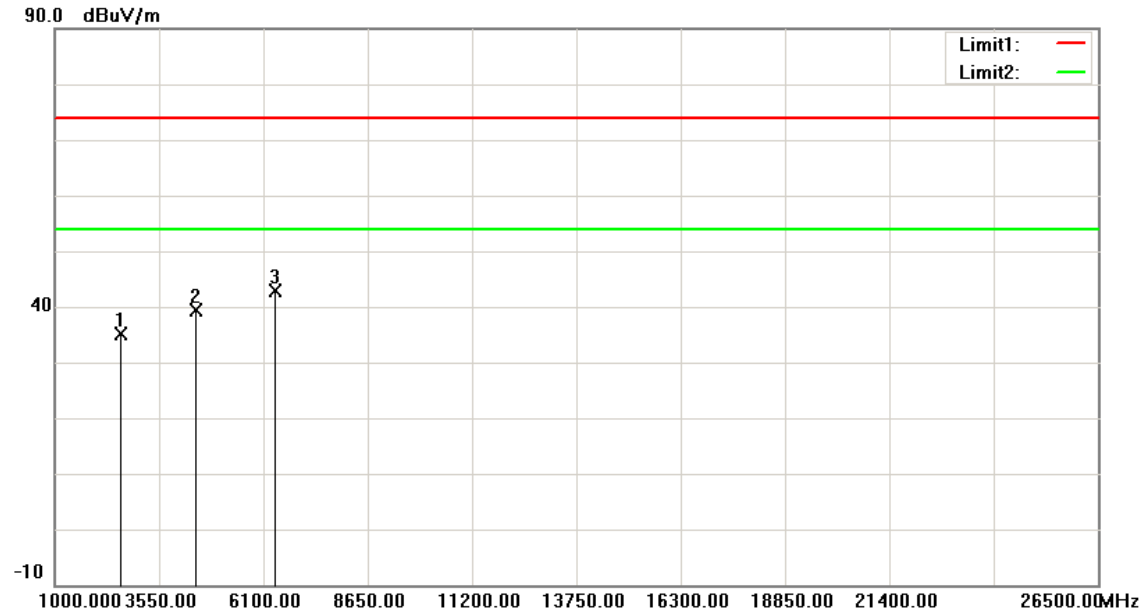
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	56.13	-7.70	48.43	74.00	-25.57	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

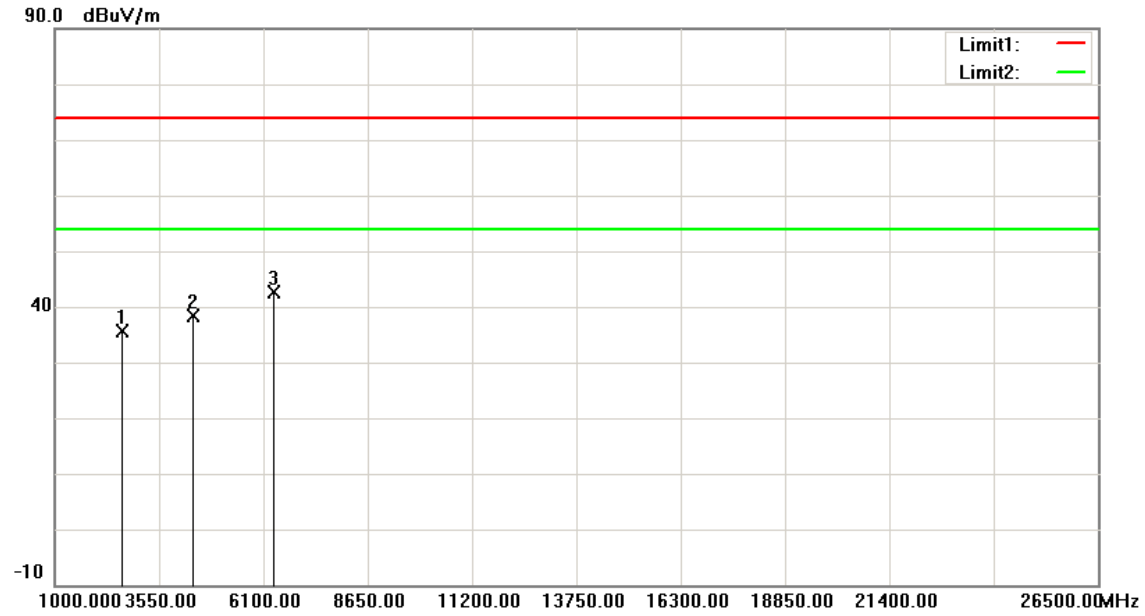
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 10 (2.4GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Horizontal	Date:	08/03/2016



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2615.000	49.09	-14.00	35.09	74.00	-38.91	peak
2	4434.000	48.57	-9.13	39.44	74.00	-34.56	peak
3	6389.000	47.12	-4.21	42.91	74.00	-31.09	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

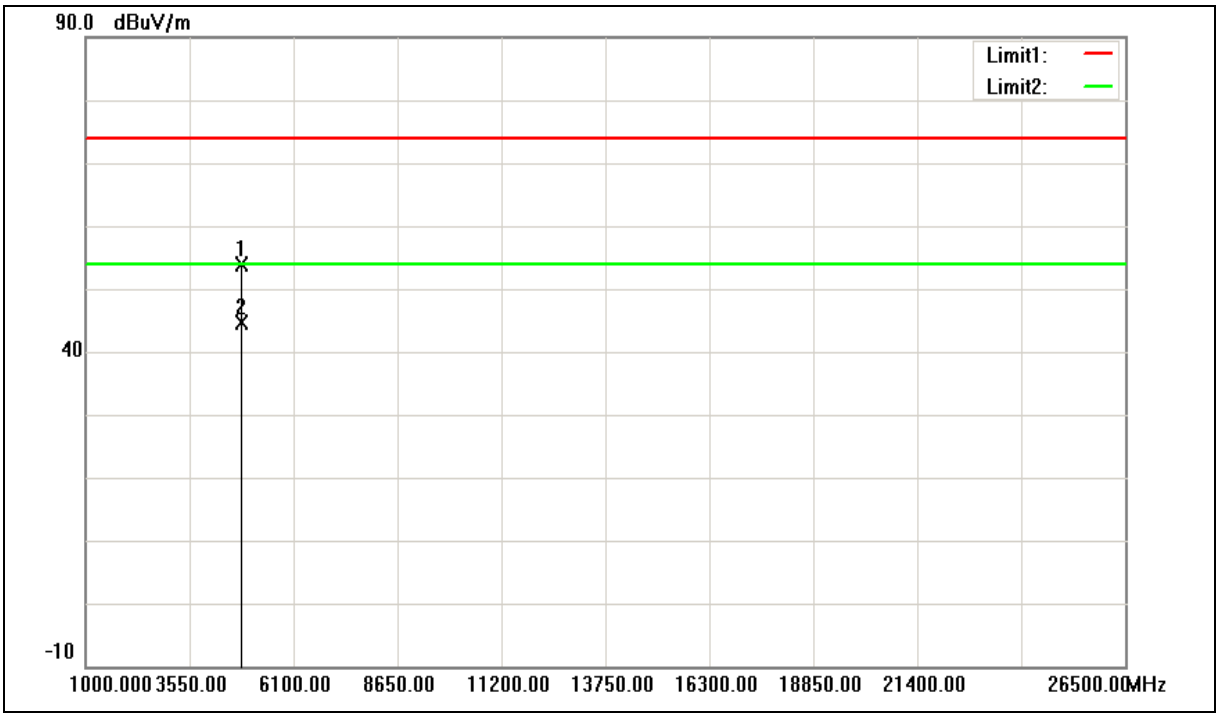
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 10 (2.4GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Vertical	Date:	08/03/2016



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2649.000	49.66	-13.91	35.75	74.00	-38.25	peak
2	4366.000	47.78	-9.30	38.48	74.00	-35.52	peak
3	6338.000	46.92	-4.41	42.51	74.00	-31.49	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2412MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/10/7
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



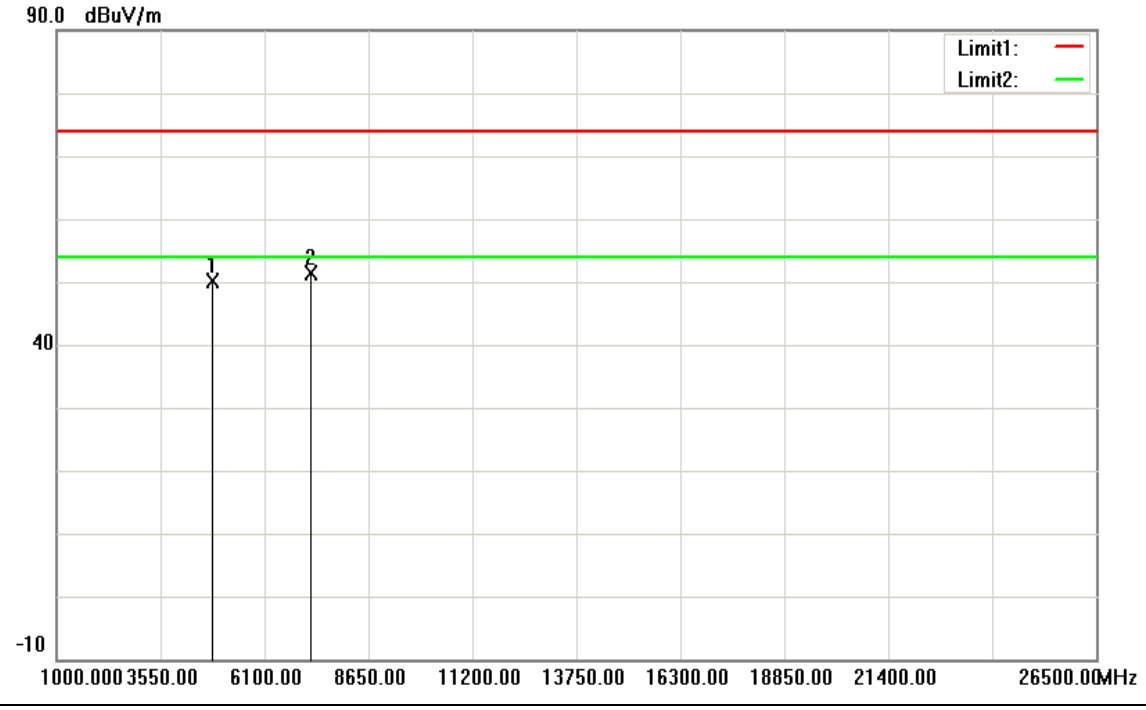
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	61.91	-7.96	53.95	74.00	-20.05	peak
2	4824.000	52.53	-7.96	44.57	54.00	-9.43	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2412MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/10/7
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



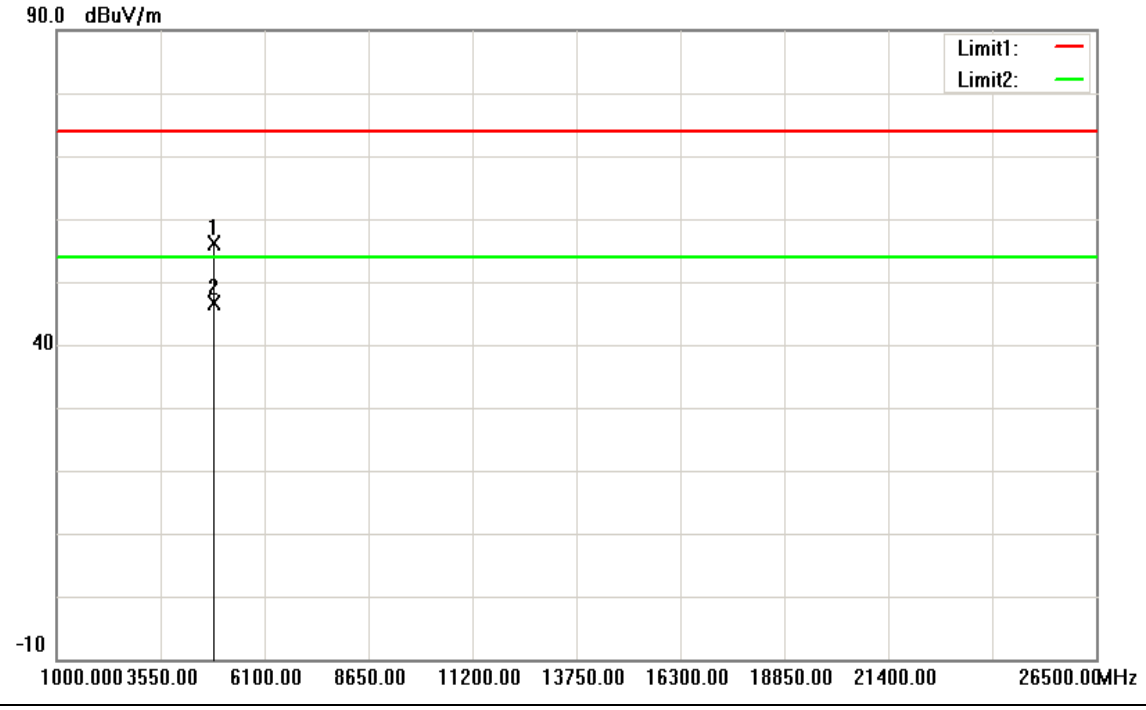
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	58.04	-7.96	50.08	74.00	-23.92	peak
2	7236.000	52.37	-1.11	51.26	74.00	-22.74	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/10/7
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



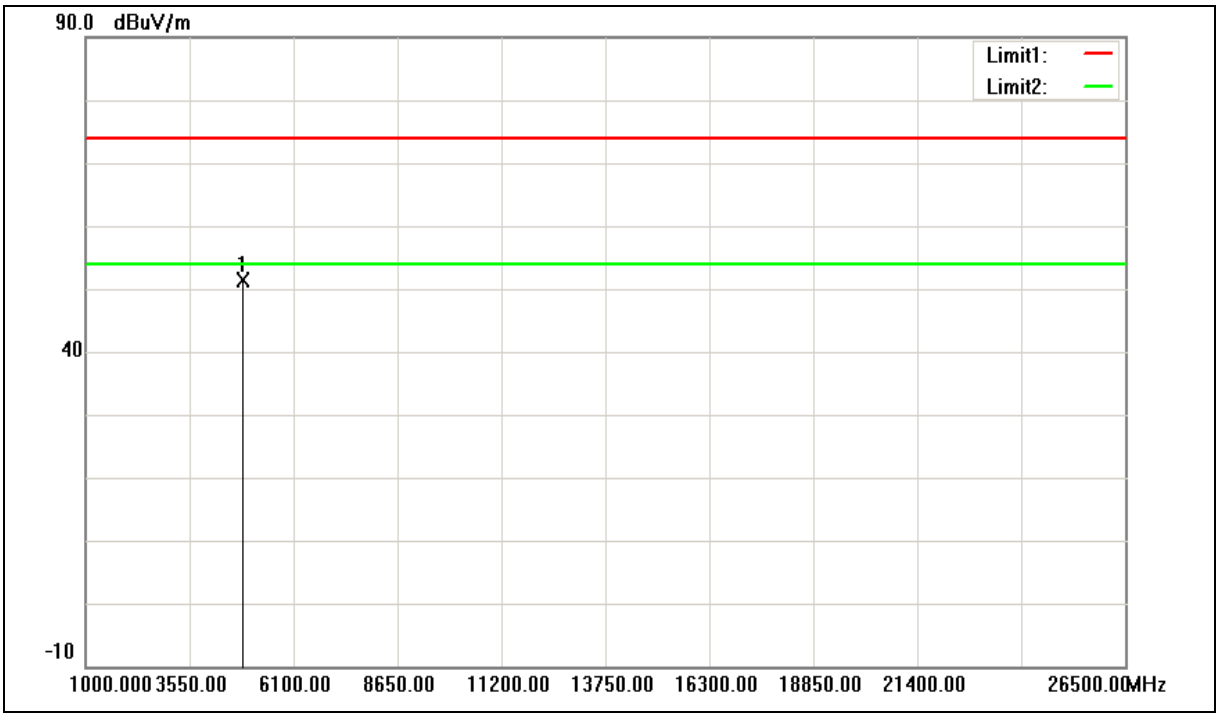
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	64.04	-7.80	56.24	74.00	-17.76	peak
2	4874.000	54.48	-7.80	46.68	54.00	-7.32	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/10/7
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



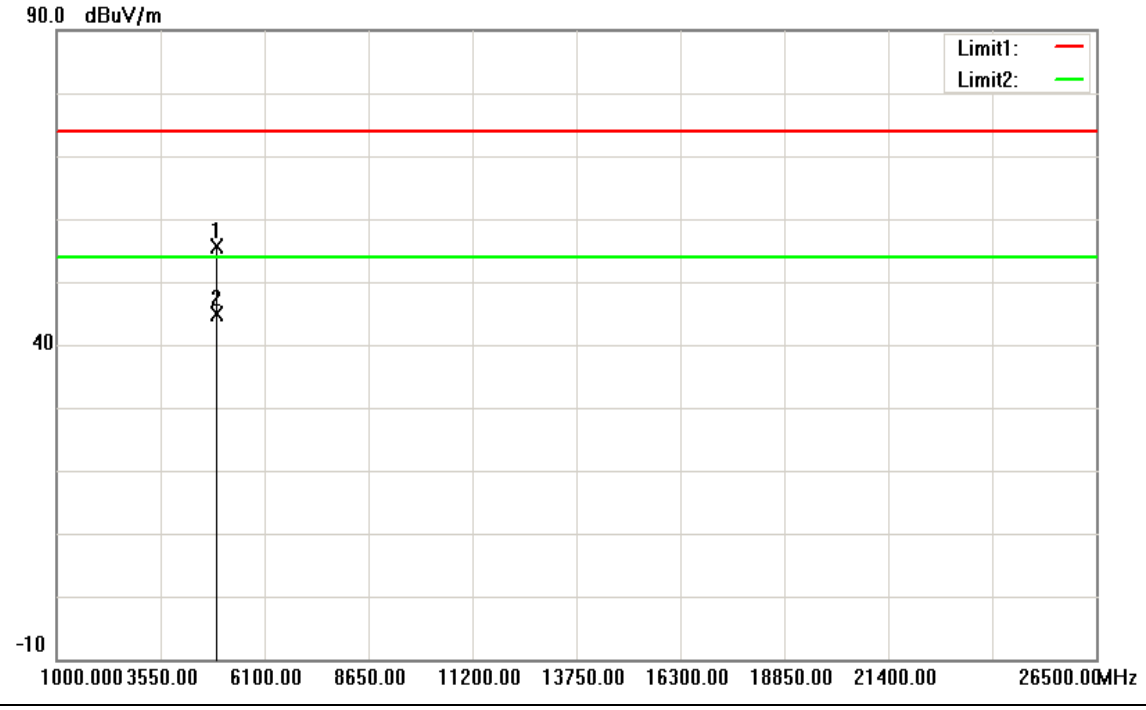
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	59.18	-7.80	51.38	74.00	-22.62	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2462MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/10/7
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



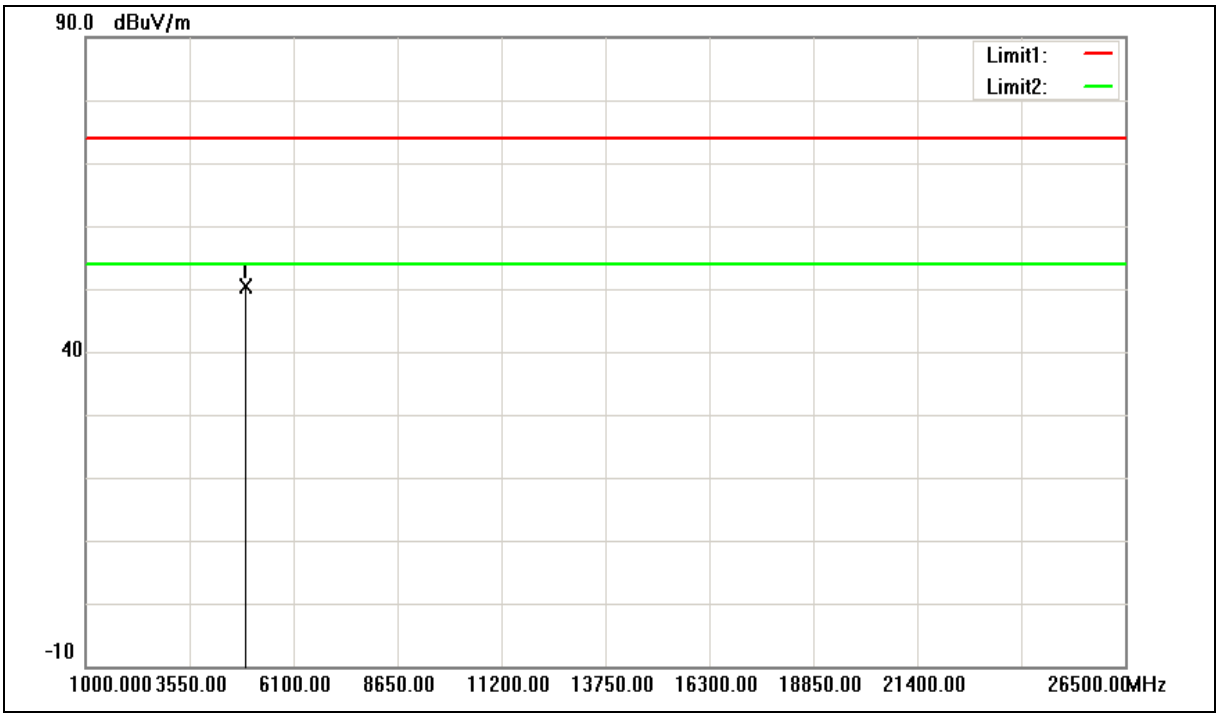
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	63.25	-7.65	55.60	74.00	-18.40	peak
2	4924.000	52.44	-7.65	44.79	54.00	-9.21	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2462MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 4	Date:	2016/10/7
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



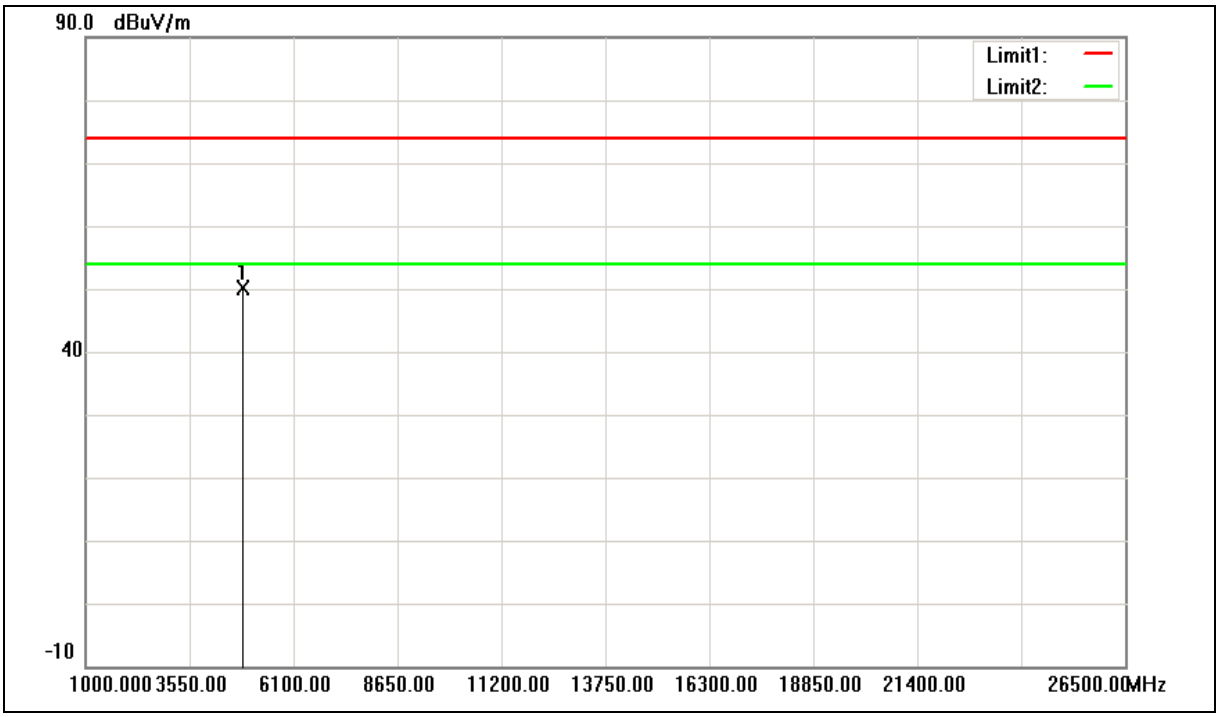
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	58.02	-7.65	50.37	74.00	-23.63	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2422MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/10/7
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



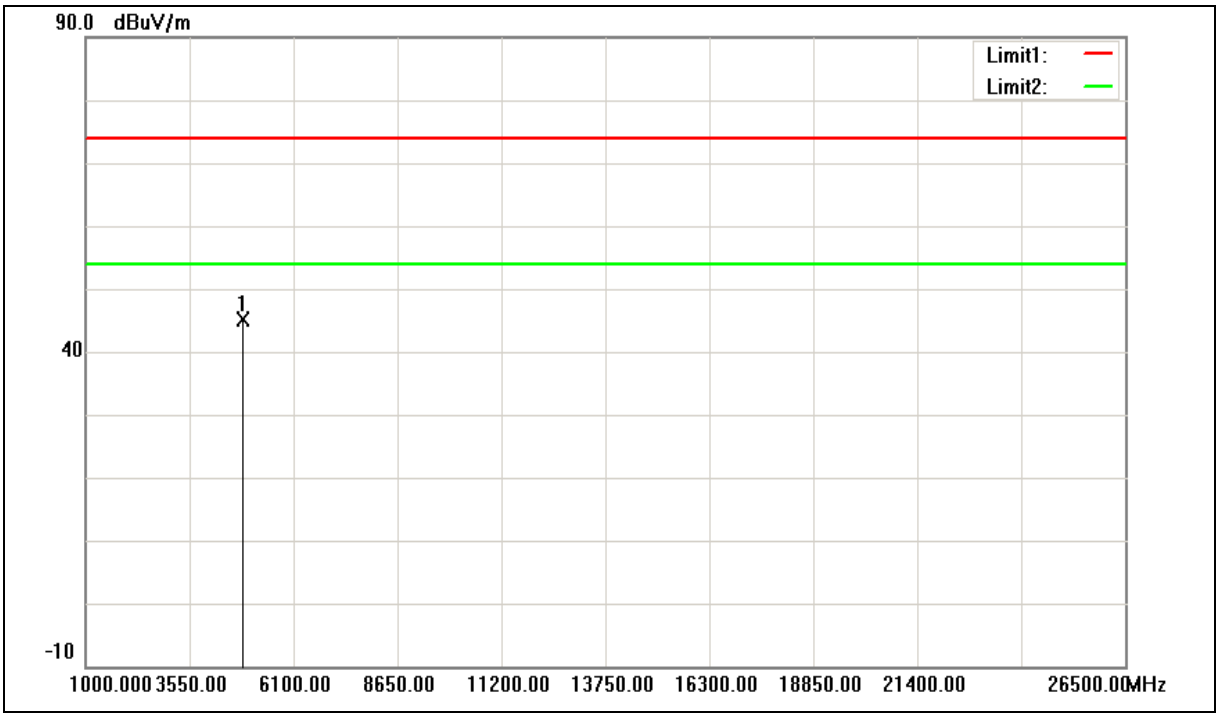
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	57.98	-7.88	50.10	74.00	-23.90	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2422MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/10/7
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



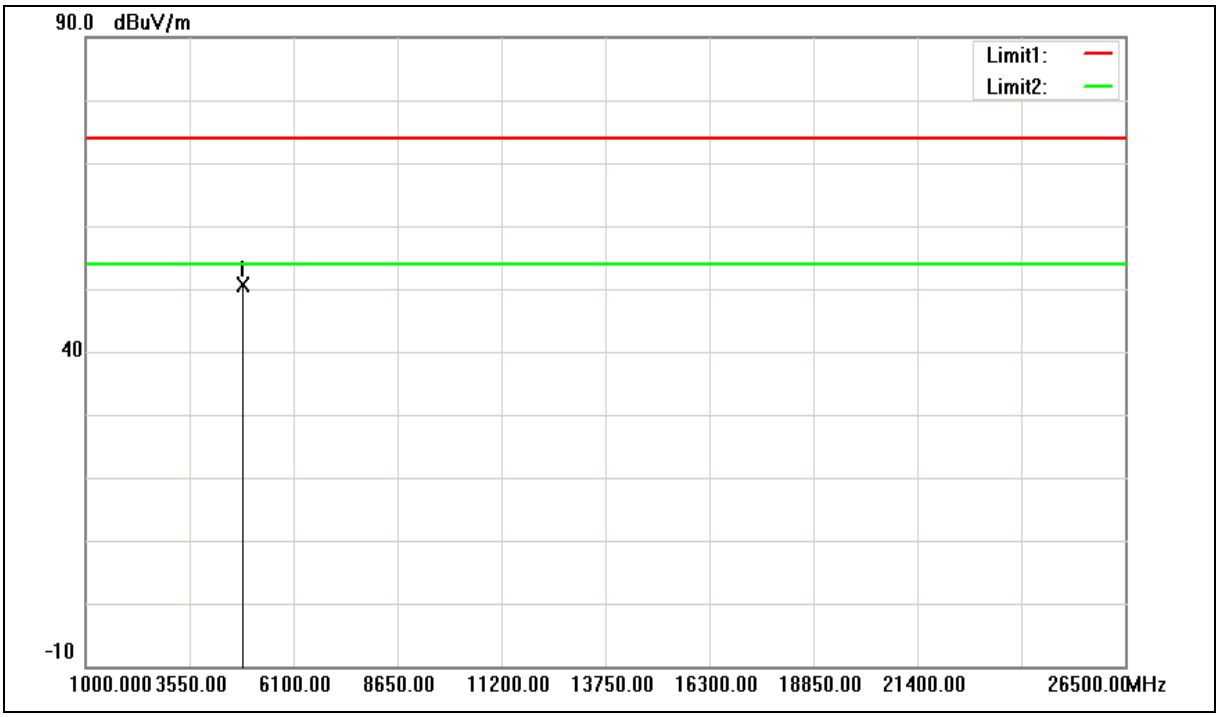
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	53.10	-7.88	45.22	74.00	-28.78	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/10/7
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



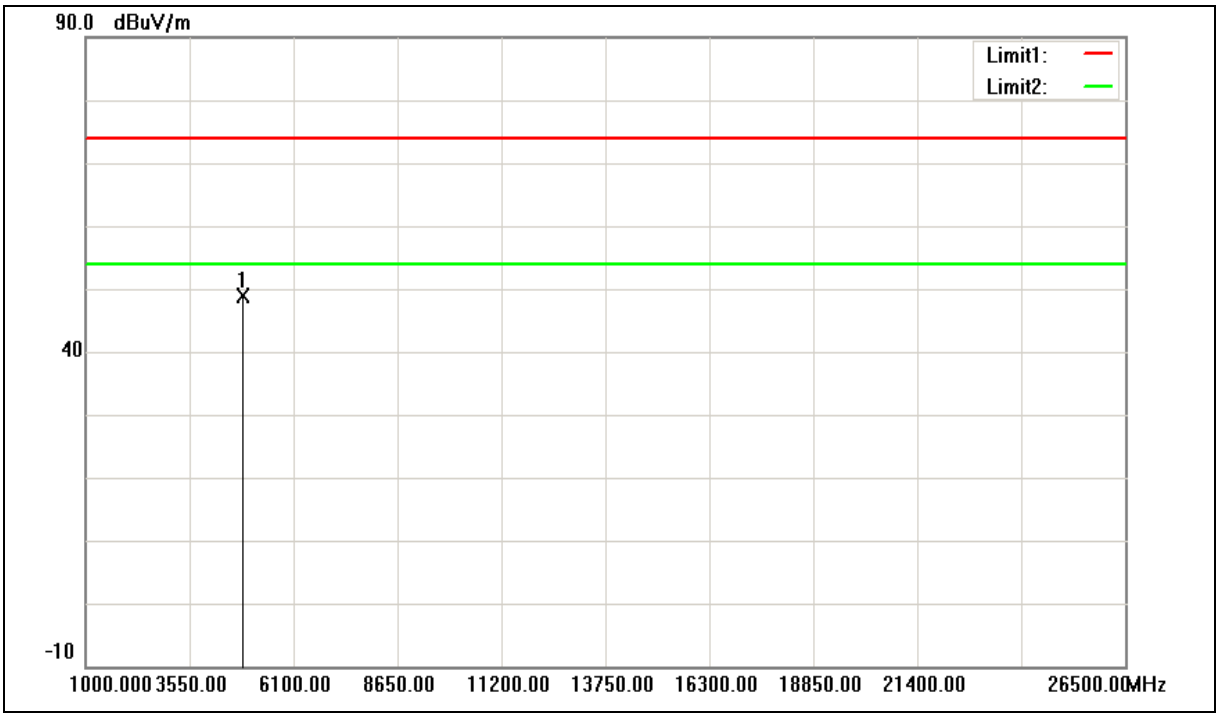
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	58.55	-7.80	50.75	74.00	-23.25	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2437MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/10/7
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



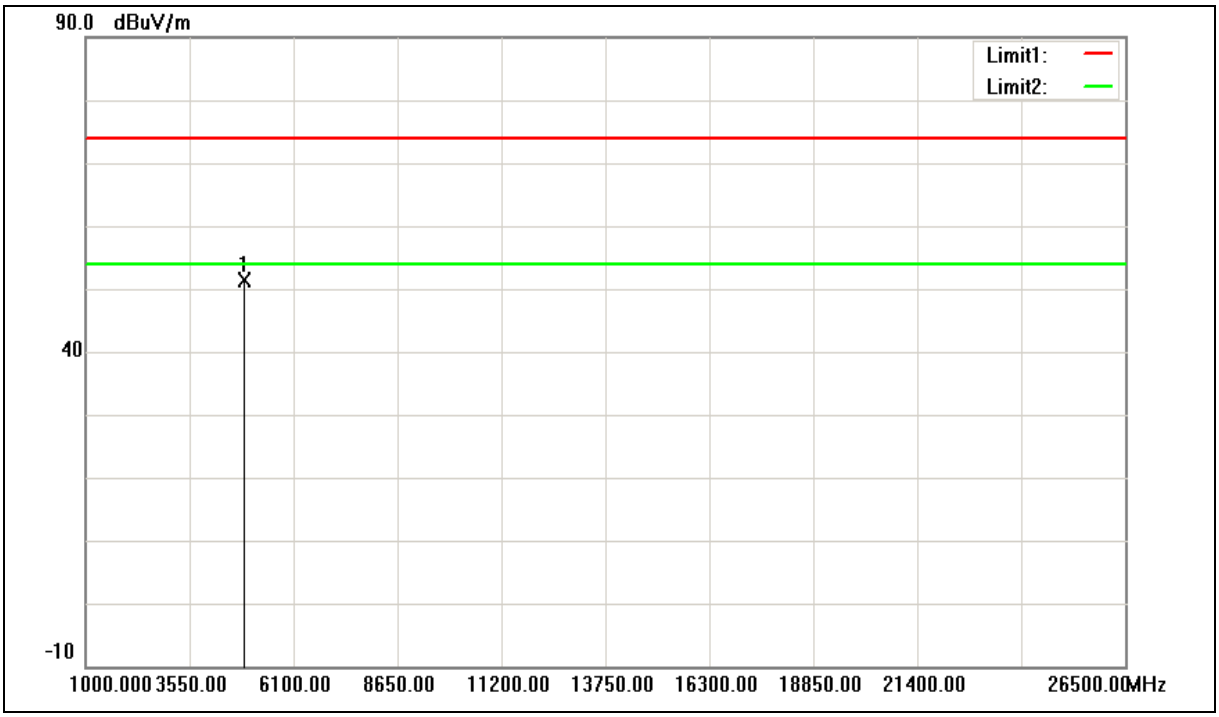
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	56.80	-7.80	49.00	74.00	-25.00	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2452MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/10/7
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



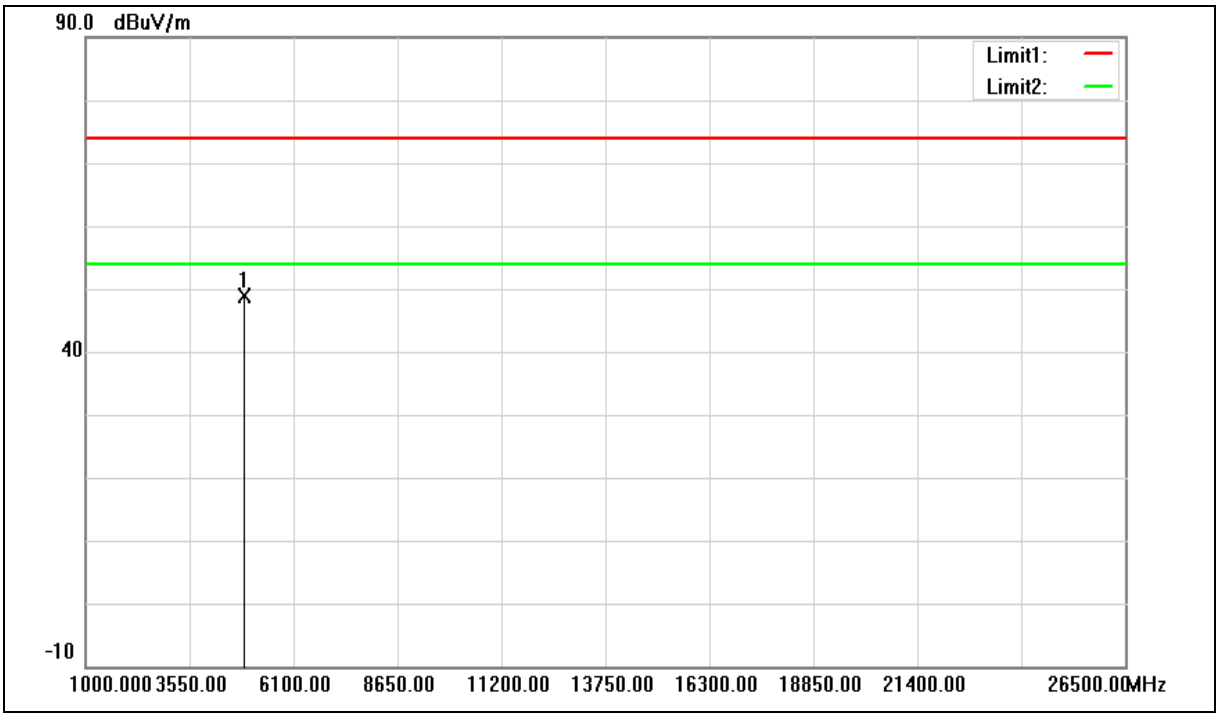
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	58.96	-7.70	51.26	74.00	-22.74	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	2452MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 5	Date:	2016/10/7
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



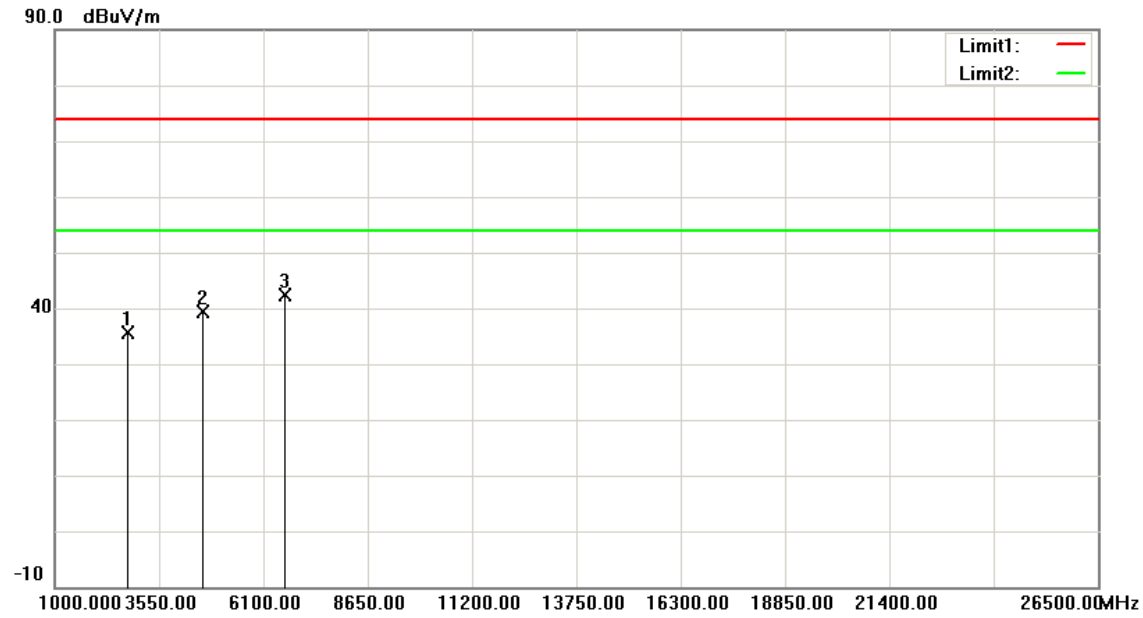
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	56.47	-7.70	48.77	74.00	-25.23	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

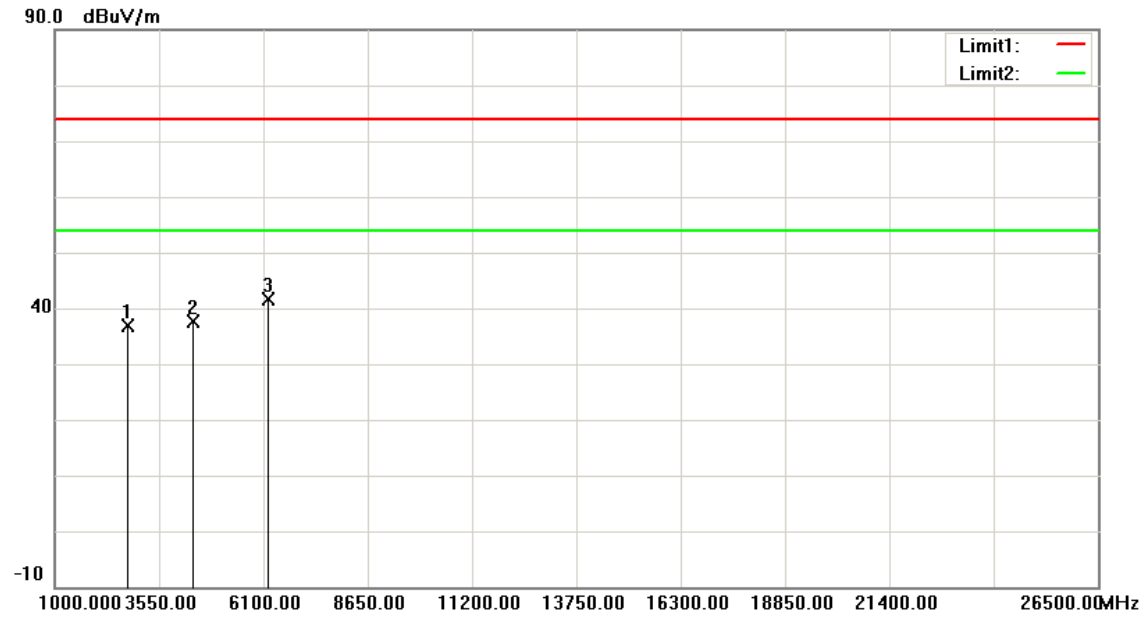
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 10 (2.4GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Horizontal	Date:	10/07/2016
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2785.000	49.20	-13.60	35.60	74.00	-38.40	peak
2	4621.000	48.07	-8.58	39.49	74.00	-34.51	peak
3	6593.000	45.92	-3.45	42.47	74.00	-31.53	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 10 (2.4GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Vertical	Date:	10/07/2016
Beamforming on			



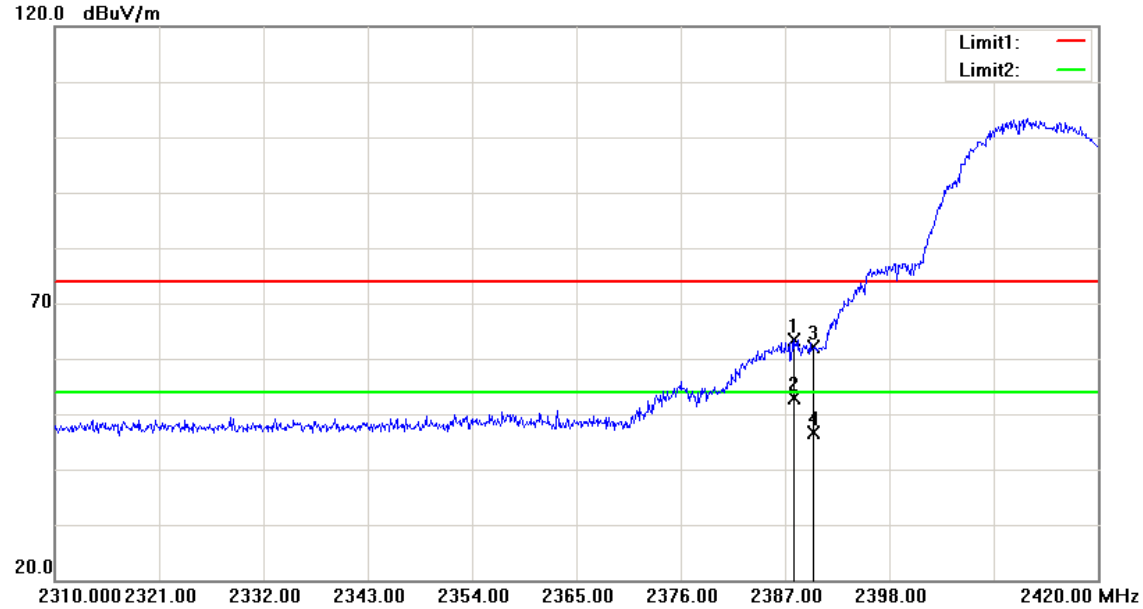
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2785.000	50.42	-13.60	36.82	74.00	-37.18	peak
2	4383.000	46.93	-9.25	37.68	74.00	-36.32	peak
3	6219.000	46.44	-4.86	41.58	74.00	-32.42	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

頻帶邊緣

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

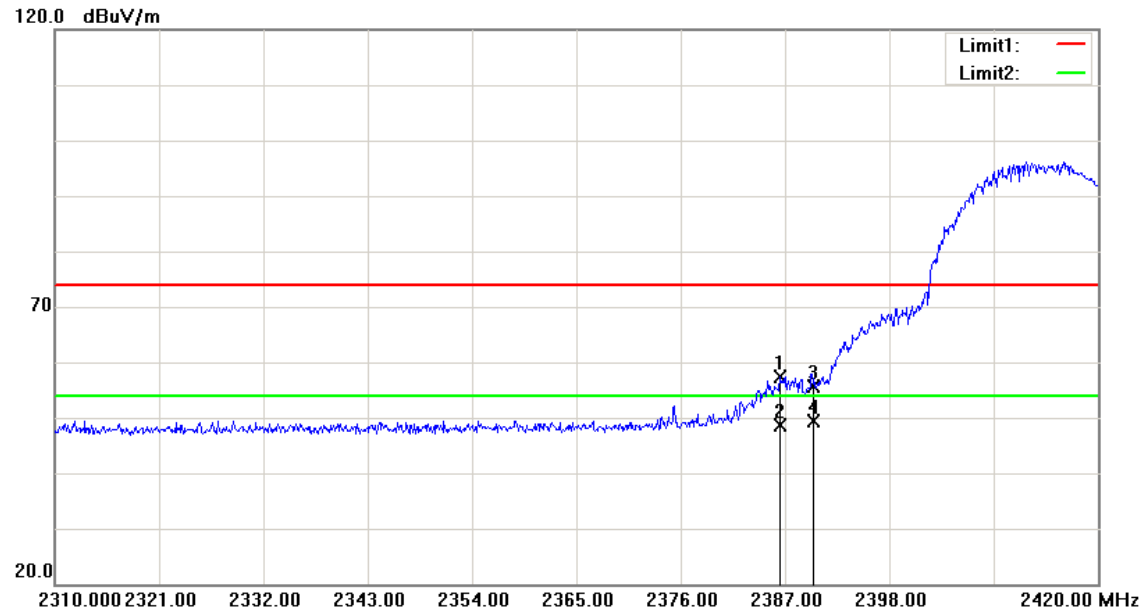
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	2	Date:	08/02/2016
Frequency:	2412 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.880	63.65	-0.34	63.31	74.00	-10.69	peak
2	2387.880	53.25	-0.34	52.91	54.00	-1.09	AVG
3	2390.000	62.53	-0.34	62.19	74.00	-11.81	peak
4	2390.000	47.09	-0.34	46.75	54.00	-7.25	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

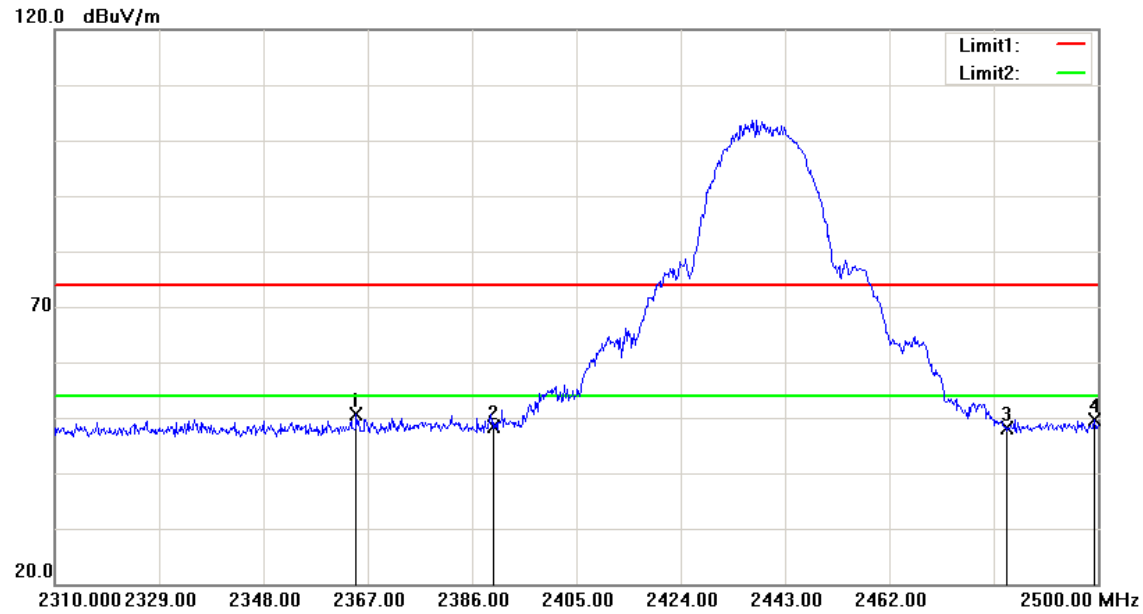
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	2	Date:	08/02/2016
Frequency:	2412 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.450	57.82	-0.36	57.46	74.00	-16.54	peak
2	2386.450	48.99	-0.36	48.63	54.00	-5.37	AVG
3	2390.000	56.09	-0.34	55.75	74.00	-18.25	peak
4	2390.000	49.82	-0.34	49.48	54.00	-4.52	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

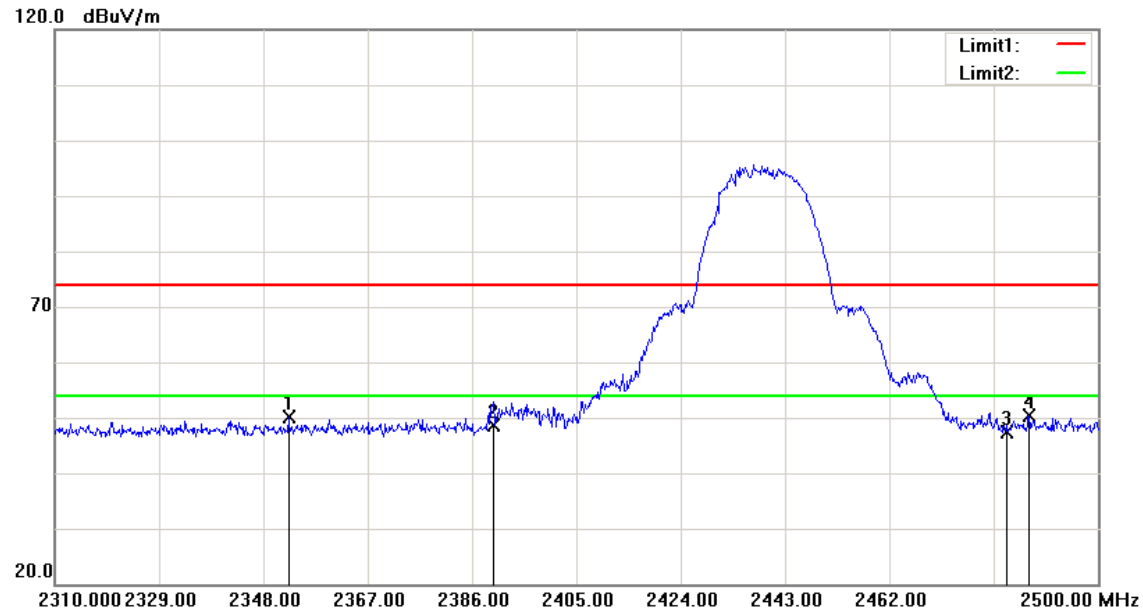
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	2	Date:	08/02/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2364.910	51.08	-0.44	50.64	74.00	-23.36	peak
2	2390.000	48.63	-0.34	48.29	74.00	-25.71	peak
3	2483.500	48.06	0.03	48.09	74.00	-25.91	peak
4	2499.240	49.60	0.10	49.70	74.00	-24.30	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

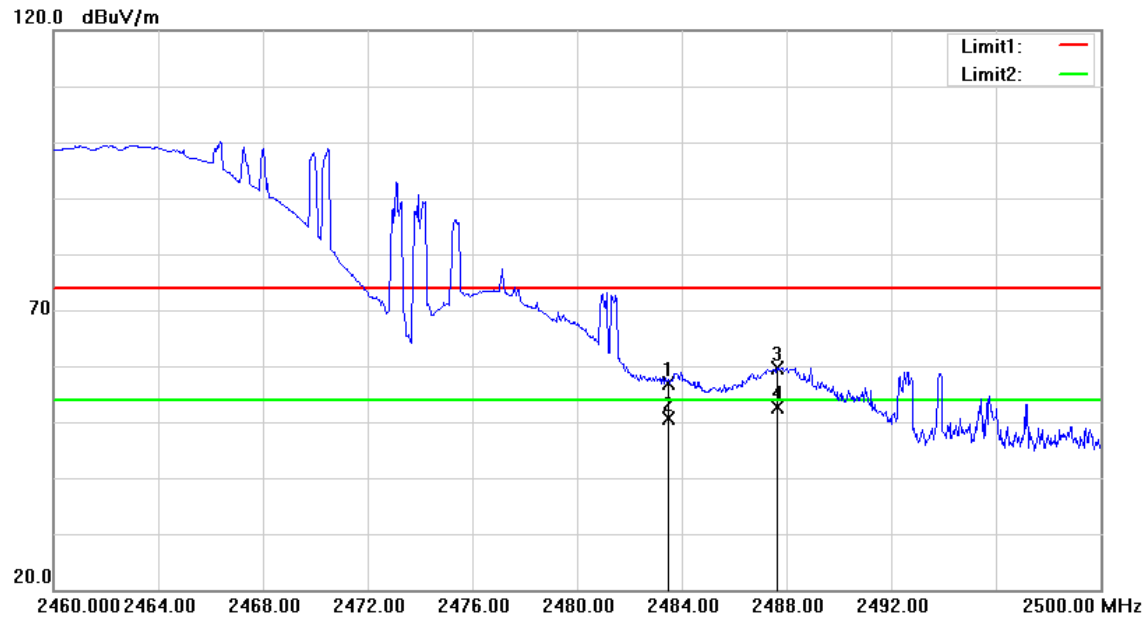
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	2	Date:	08/02/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2352.560	50.55	-0.49	50.06	74.00	-23.94	peak
2	2390.000	49.03	-0.34	48.69	74.00	-25.31	peak
3	2483.500	47.27	0.03	47.30	74.00	-26.70	peak
4	2487.460	50.26	0.04	50.30	74.00	-23.70	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.

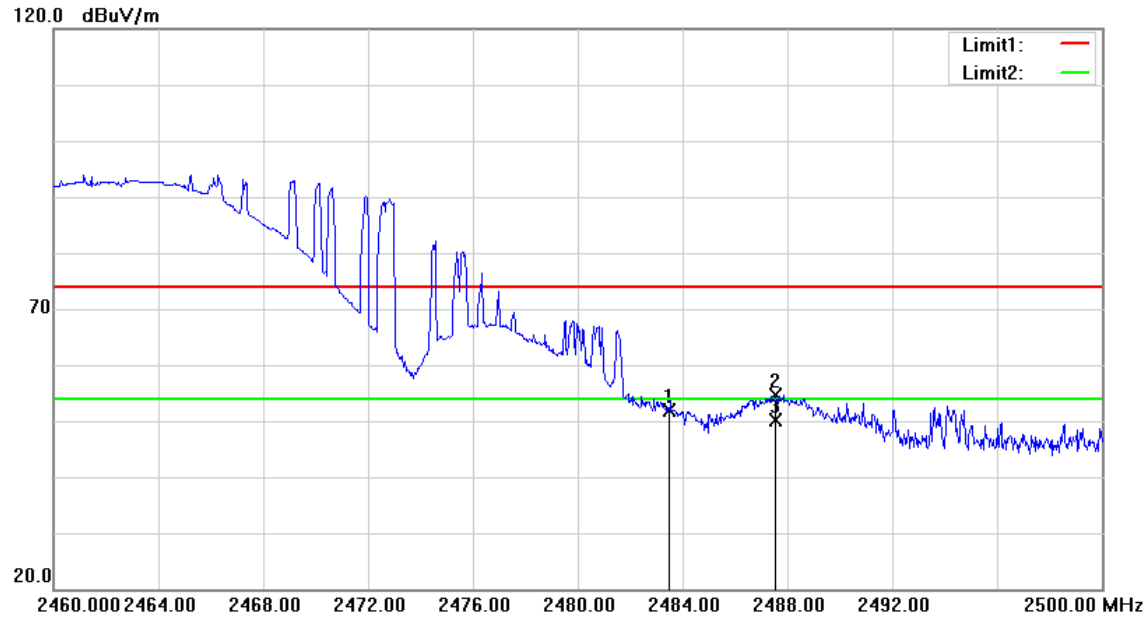
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	2	Date:	08/02/2016
Frequency:	2462 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	56.84	0.03	56.87	74.00	-17.13	peak
2	2483.500	50.54	0.03	50.57	54.00	-3.43	AVG
3	2487.640	59.66	0.05	59.71	74.00	-14.29	peak
4	2487.640	52.70	0.05	52.75	54.00	-1.25	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

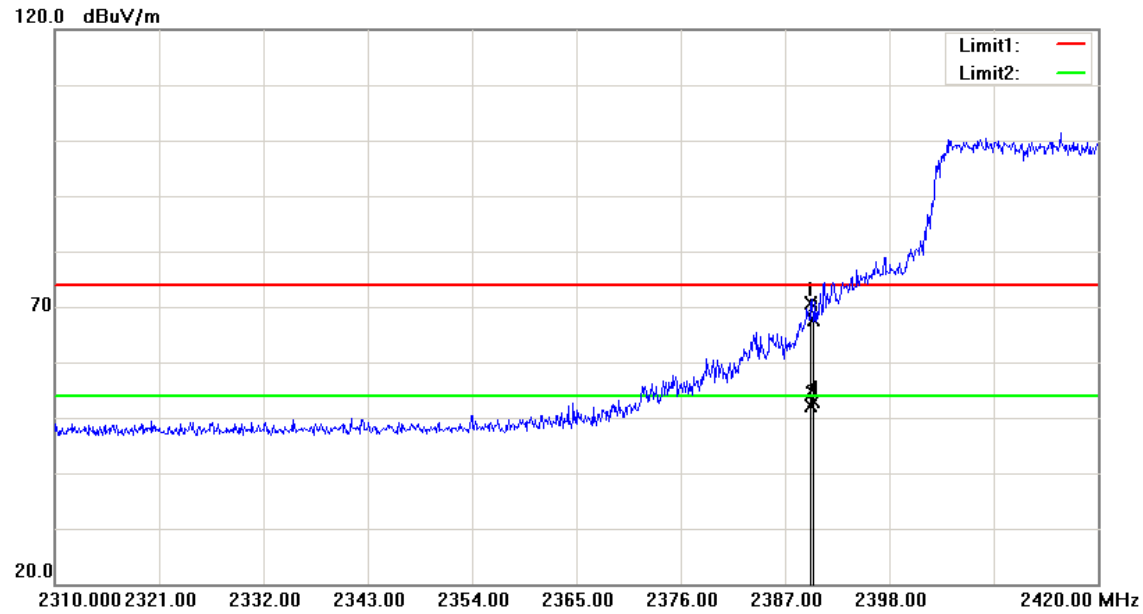
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	2	Date:	08/02/2016
Frequency:	2462 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	51.81	0.03	51.84	74.00	-22.16	peak
2	2487.560	54.60	0.05	54.65	74.00	-19.35	peak
3	2487.560	50.01	0.05	50.06	54.00	-3.94	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

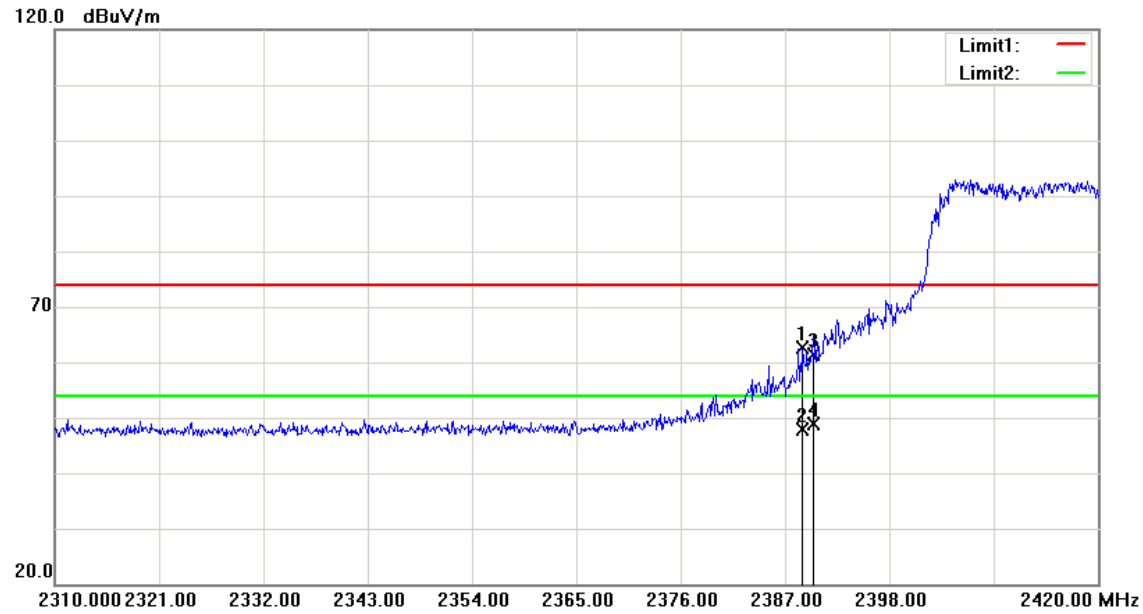
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	3	Date:	08/02/2016
Frequency:	2412 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.750	71.05	-0.34	70.71	74.00	-3.29	peak
2	2389.750	52.39	-0.34	52.05	54.00	-1.95	AVG
3	2390.000	68.09	-0.34	67.75	74.00	-6.25	peak
4	2390.000	53.29	-0.34	52.95	54.00	-1.05	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

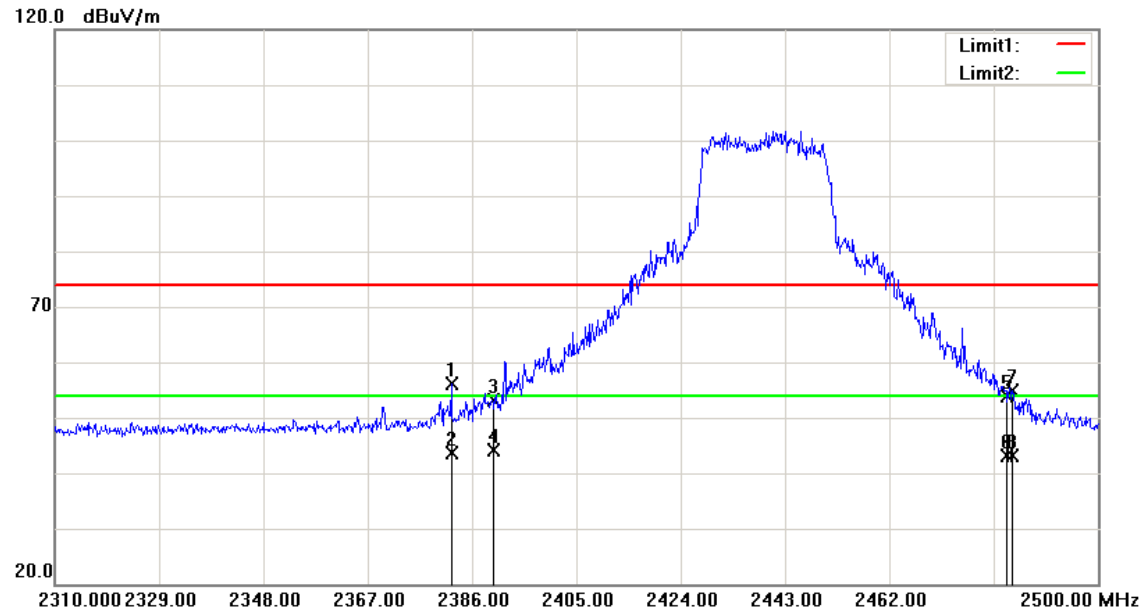
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	3	Date:	08/02/2016
Frequency:	2412 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.870	62.93	-0.34	62.59	74.00	-11.41	peak
2	2388.870	48.16	-0.34	47.82	54.00	-6.18	AVG
3	2390.000	61.72	-0.34	61.38	74.00	-12.62	peak
4	2390.000	49.23	-0.34	48.89	54.00	-5.11	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

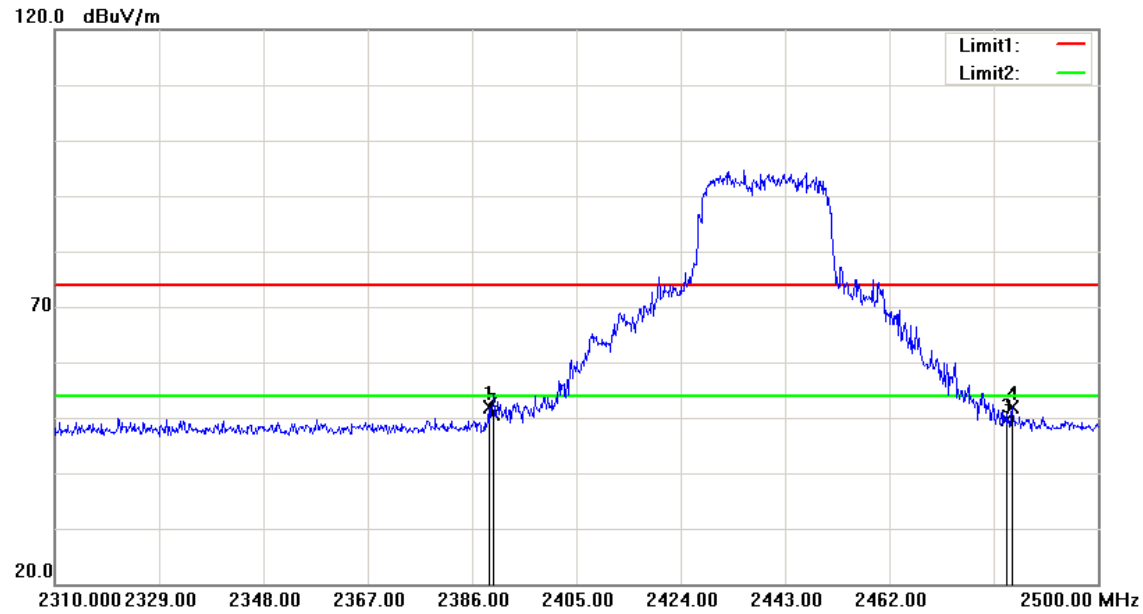
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	3	Date:	08/02/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.200	56.42	-0.37	56.05	74.00	-17.95	peak
2	2382.200	44.04	-0.37	43.67	54.00	-10.33	AVG
3	2390.000	53.40	-0.34	53.06	74.00	-20.94	peak
4	2390.000	44.39	-0.34	44.05	54.00	-9.95	AVG
5	2483.500	53.82	0.03	53.85	74.00	-20.15	peak
6	2483.500	43.18	0.03	43.21	54.00	-10.79	AVG
7	2484.420	54.79	0.04	54.83	74.00	-19.17	peak
8	2484.420	43.11	0.04	43.15	54.00	-10.85	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

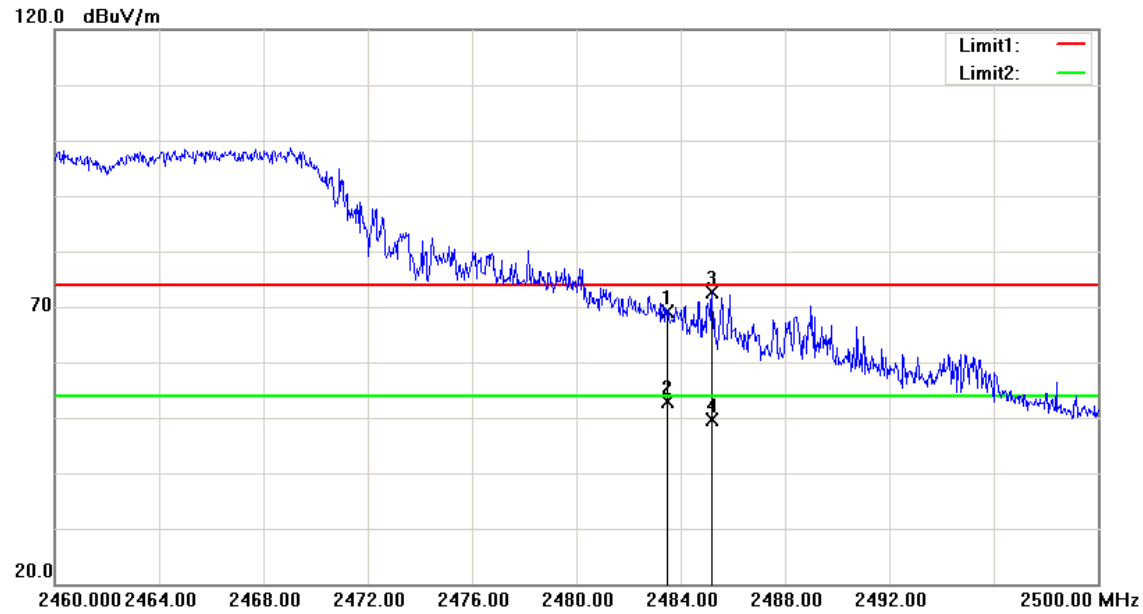
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	3	Date:	08/02/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.040	52.10	-0.34	51.76	74.00	-22.24	peak
2	2390.000	51.00	-0.34	50.66	74.00	-23.34	peak
3	2483.500	49.52	0.03	49.55	74.00	-24.45	peak
4	2484.420	51.81	0.04	51.85	74.00	-22.15	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.

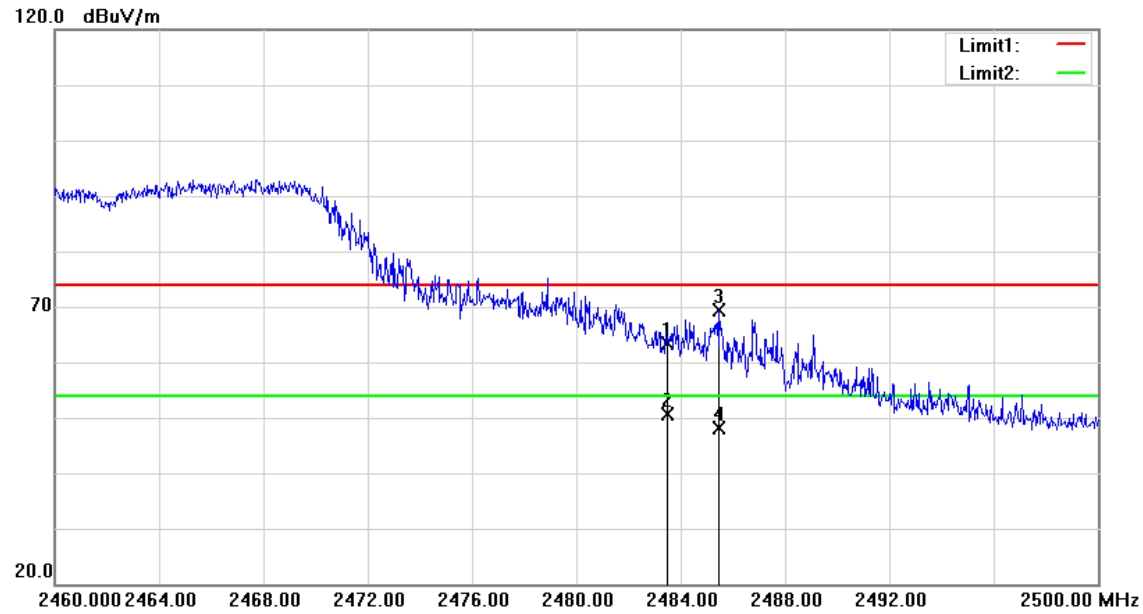
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	3	Date:	08/02/2016
Frequency:	2462 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	69.22	0.03	69.25	74.00	-4.75	peak
2	2483.500	52.87	0.03	52.90	54.00	-1.10	AVG
3	2485.200	72.60	0.04	72.64	74.00	-1.36	peak
4	2485.200	49.49	0.04	49.53	54.00	-4.47	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

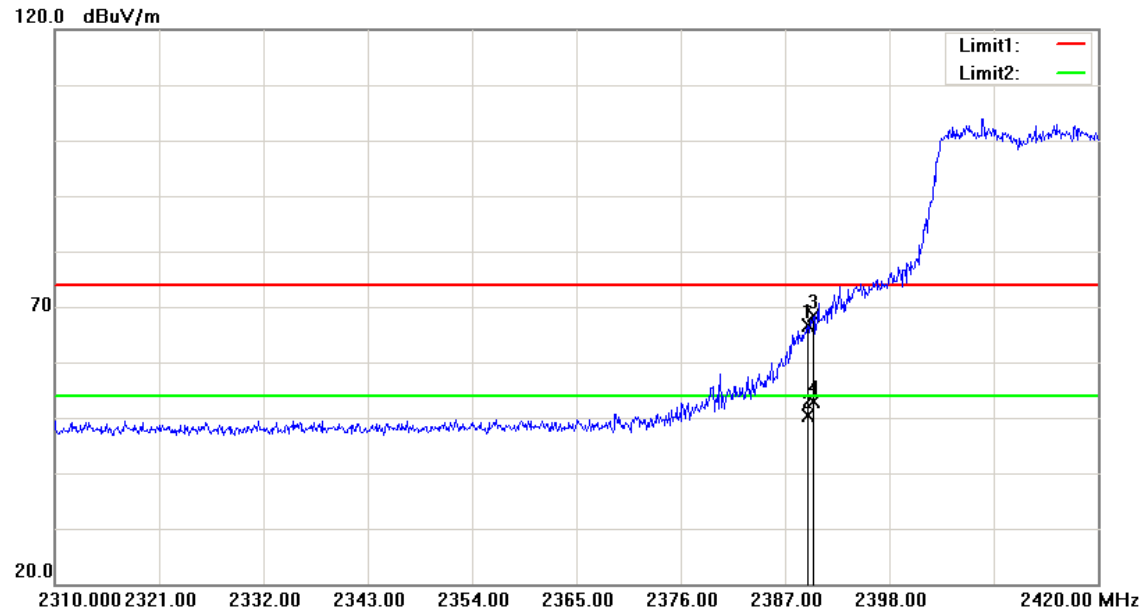
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	3	Date:	08/02/2016
Frequency:	2462 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	63.28	0.03	63.31	74.00	-10.69	peak
2	2483.500	50.58	0.03	50.61	54.00	-3.39	AVG
3	2485.480	69.23	0.04	69.27	74.00	-4.73	peak
4	2485.480	48.01	0.04	48.05	54.00	-5.95	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.

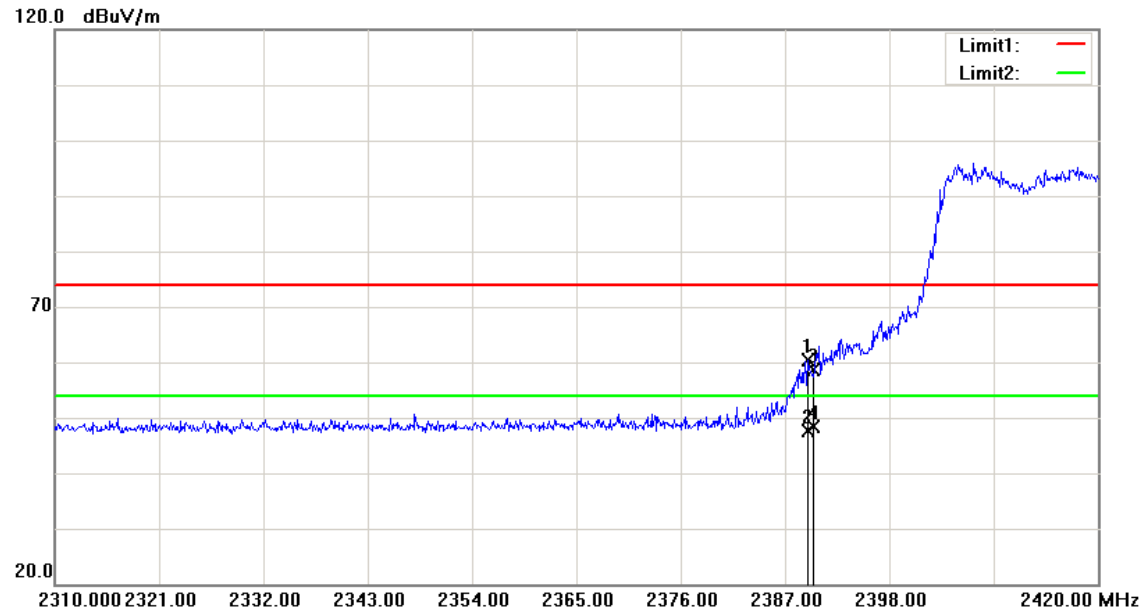
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	08/02/2016
Frequency:	2412 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.420	66.97	-0.34	66.63	74.00	-7.37	peak
2	2389.420	50.80	-0.34	50.46	54.00	-3.54	AVG
3	2390.000	68.65	-0.34	68.31	74.00	-5.69	peak
4	2390.000	53.28	-0.34	52.94	54.00	-1.06	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

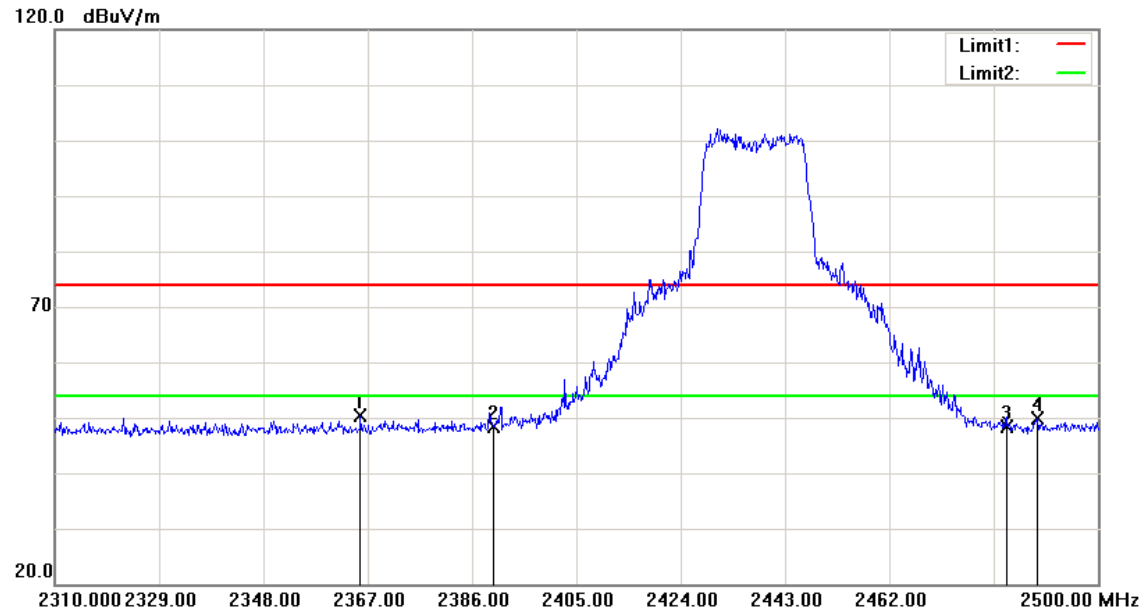
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	08/02/2016
Frequency:	2412 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.420	60.70	-0.34	60.36	74.00	-13.64	peak
2	2389.420	47.96	-0.34	47.62	54.00	-6.38	AVG
3	2390.000	59.07	-0.34	58.73	74.00	-15.27	peak
4	2390.000	48.75	-0.34	48.41	54.00	-5.59	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.

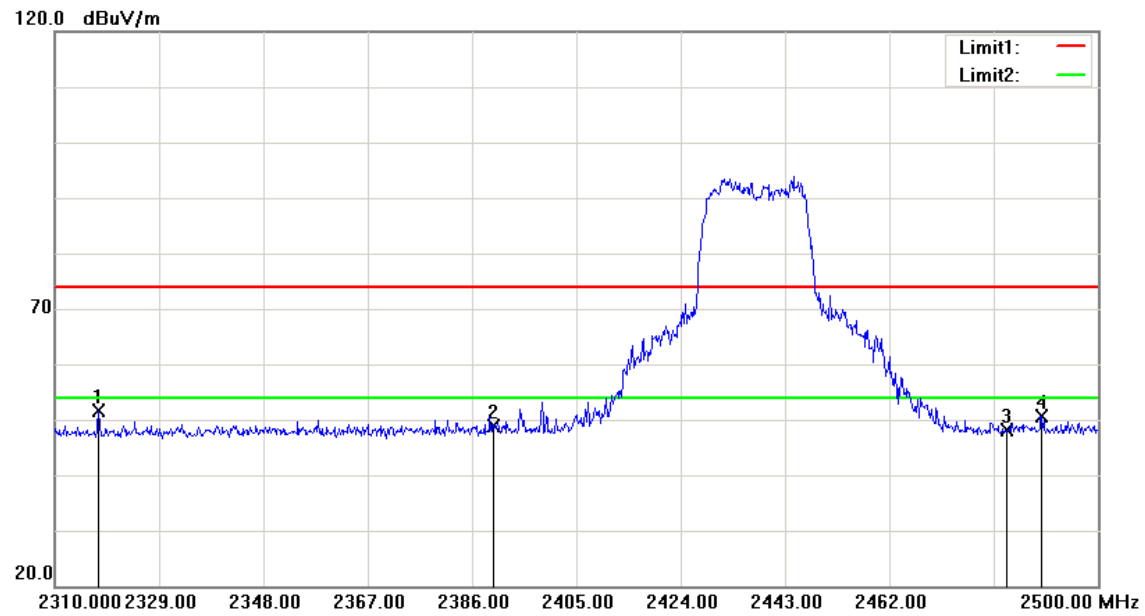
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	08/02/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2365.670	50.78	-0.44	50.34	74.00	-23.66	peak
2	2390.000	48.82	-0.34	48.48	74.00	-25.52	peak
3	2483.500	48.27	0.03	48.30	74.00	-25.70	peak
4	2488.980	49.73	0.06	49.79	74.00	-24.21	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

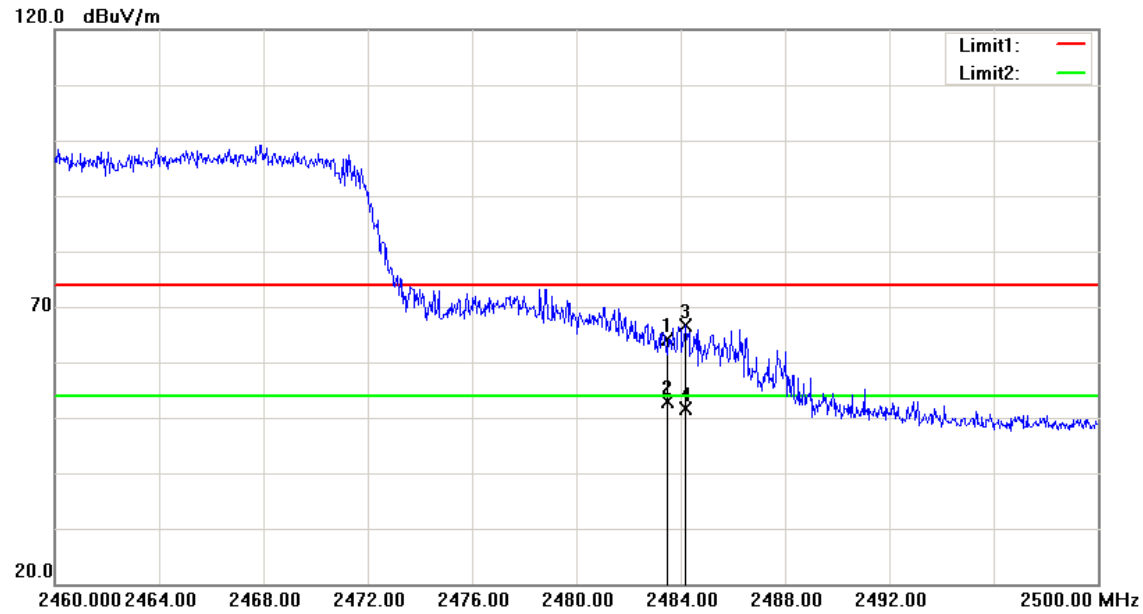
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	08/02/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2317.980	52.22	-0.62	51.60	74.00	-22.40	peak
2	2390.000	49.11	-0.34	48.77	74.00	-25.23	peak
3	2483.500	48.12	0.03	48.15	74.00	-25.85	peak
4	2489.740	50.63	0.06	50.69	74.00	-23.31	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.

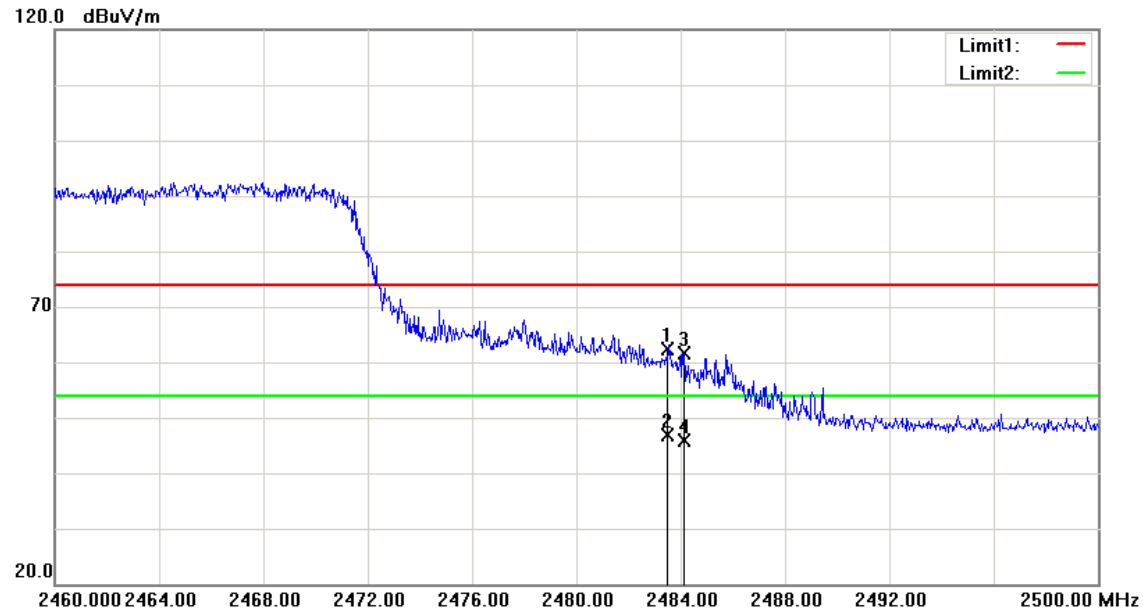
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	08/02/2016
Frequency:	2462 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	64.22	0.03	64.25	74.00	-9.75	peak
2	2483.500	52.80	0.03	52.83	54.00	-1.17	AVG
3	2484.200	66.66	0.04	66.70	74.00	-7.30	peak
4	2484.200	51.48	0.04	51.52	54.00	-2.48	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.

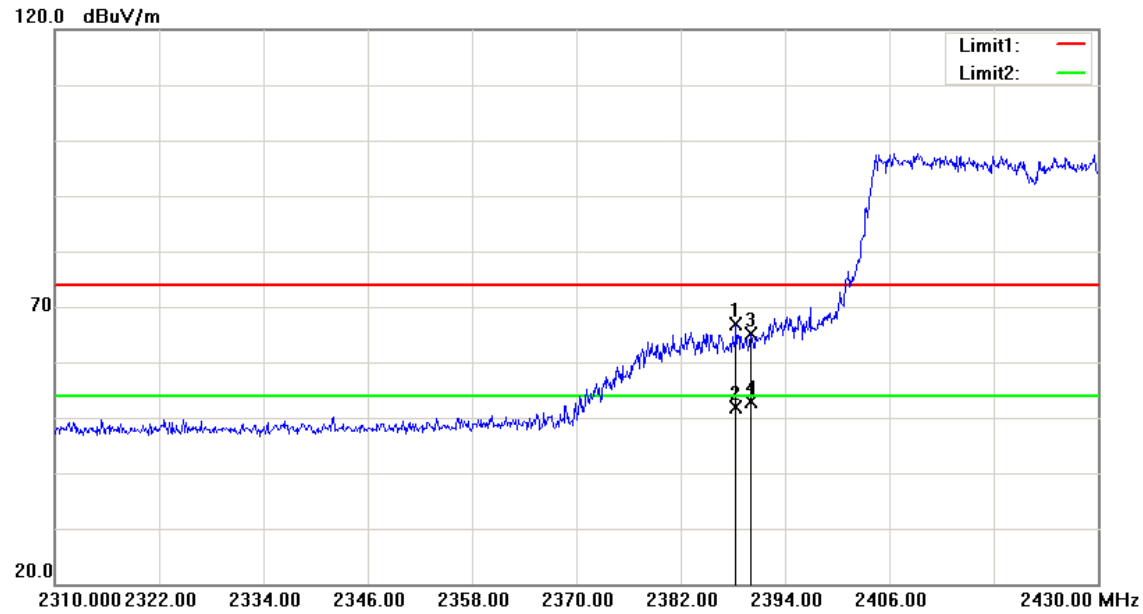
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	08/02/2016
Frequency:	2462 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	62.35	0.03	62.38	74.00	-11.62	peak
2	2483.500	46.74	0.03	46.77	54.00	-7.23	AVG
3	2484.120	61.69	0.04	61.73	74.00	-12.27	peak
4	2484.120	45.76	0.04	45.80	54.00	-8.20	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

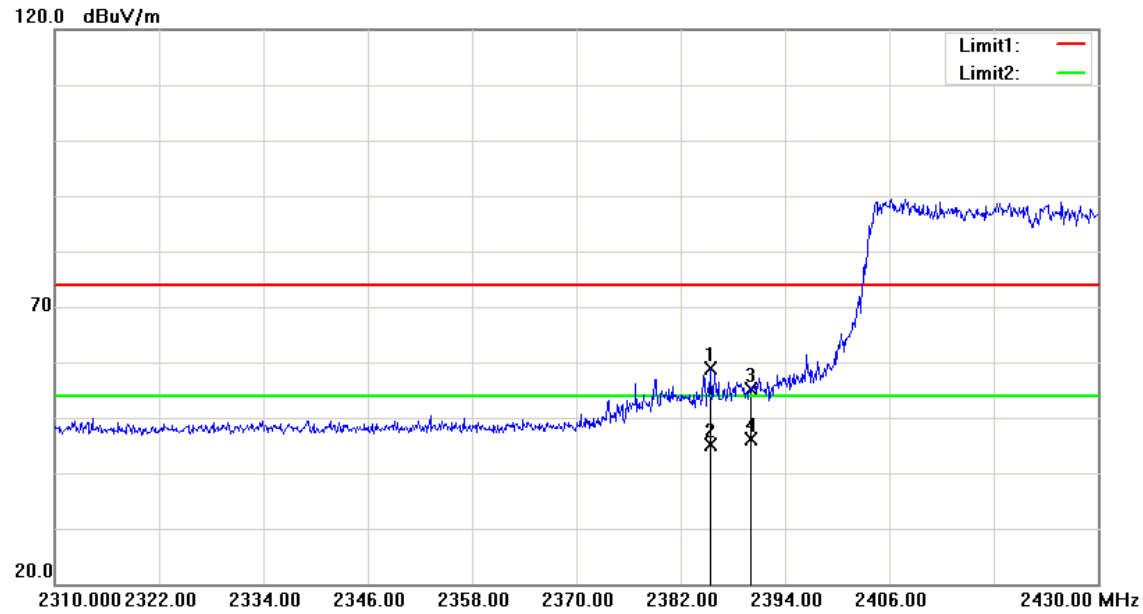
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	01/22/2015
Frequency:	2422 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.360	67.12	-0.34	66.78	74.00	-7.22	peak
2	2388.360	52.27	-0.34	51.93	54.00	-2.07	AVG
3	2390.000	65.53	-0.34	65.19	74.00	-8.81	peak
4	2390.000	53.14	-0.34	52.80	54.00	-1.20	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

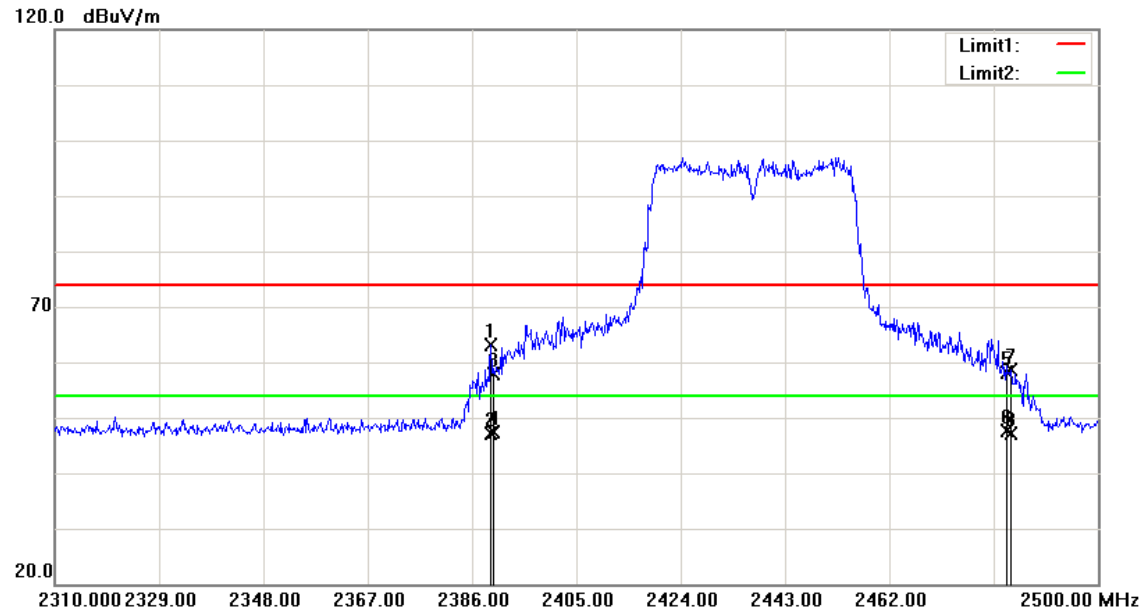
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	01/22/2015
Frequency:	2422 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.360	59.16	-0.36	58.80	74.00	-15.20	peak
2	2385.360	45.38	-0.36	45.02	54.00	-8.98	AVG
3	2390.000	55.46	-0.34	55.12	74.00	-18.88	peak
4	2390.000	46.53	-0.34	46.19	54.00	-7.81	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

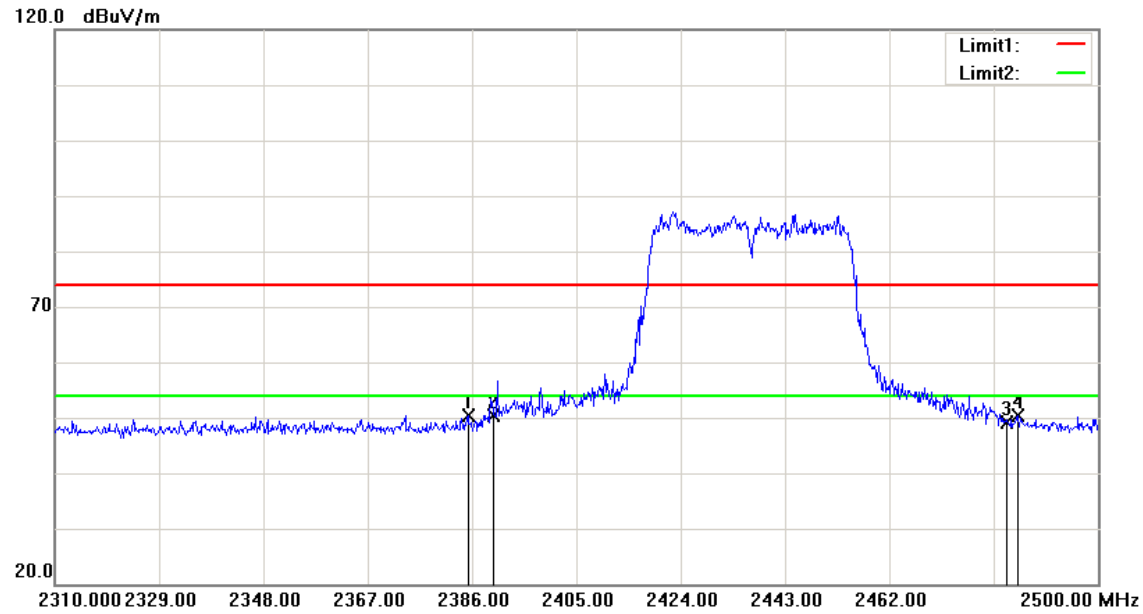
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	08/02/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.420	63.57	-0.34	63.23	74.00	-10.77	peak
2	2389.420	47.36	-0.34	47.02	54.00	-6.98	AVG
3	2390.000	58.15	-0.34	57.81	74.00	-16.19	peak
4	2390.000	47.79	-0.34	47.45	54.00	-6.55	AVG
5	2483.500	58.08	0.03	58.11	74.00	-15.89	peak
6	2483.500	47.66	0.03	47.69	54.00	-6.31	AVG
7	2484.230	58.53	0.04	58.57	74.00	-15.43	peak
8	2484.230	47.06	0.04	47.10	54.00	-6.90	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.

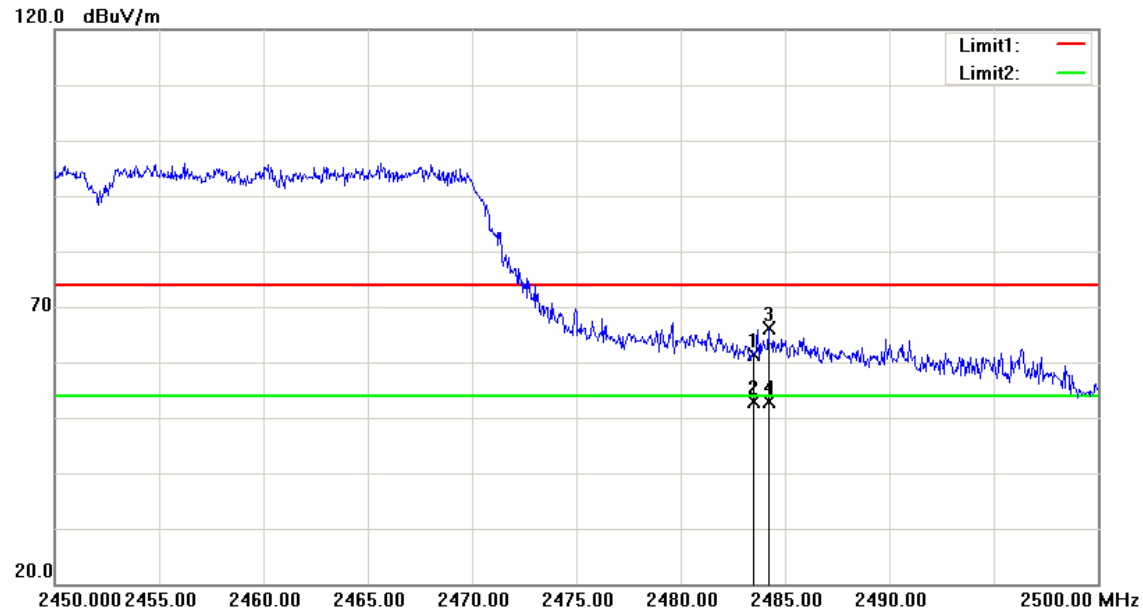
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	08/02/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.240	50.85	-0.36	50.49	74.00	-23.51	peak
2	2390.000	50.70	-0.34	50.36	74.00	-23.64	peak
3	2483.500	49.17	0.03	49.20	74.00	-24.80	peak
4	2485.370	50.37	0.04	50.41	74.00	-23.59	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

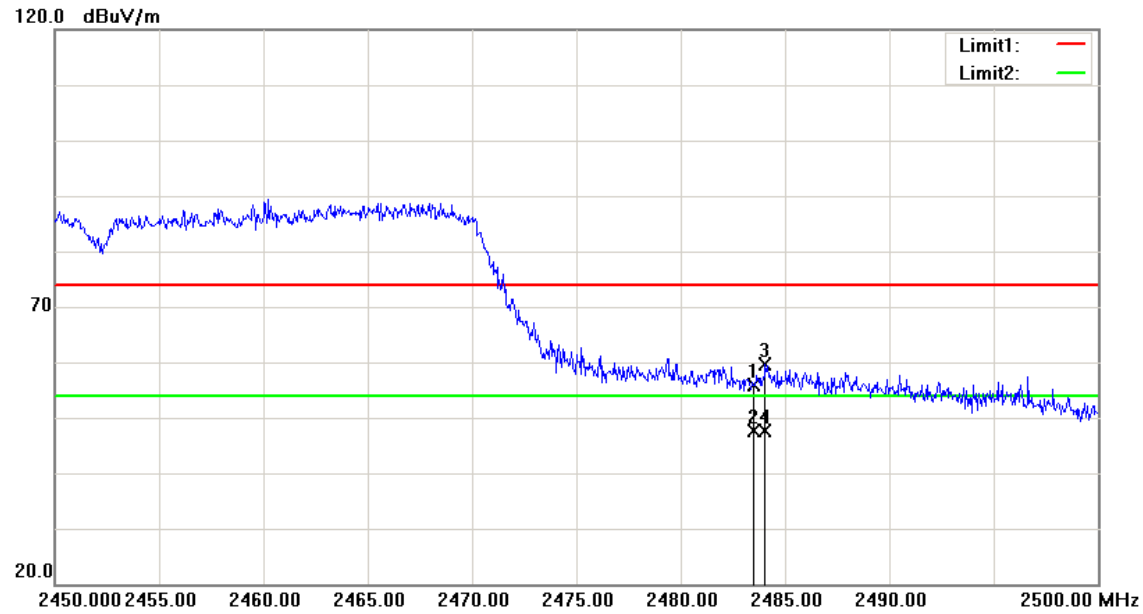
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	01/22/2015
Frequency:	2452 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	61.31	0.03	61.34	74.00	-12.66	peak
2	2483.500	52.94	0.03	52.97	54.00	-1.03	AVG
3	2484.200	66.13	0.04	66.17	74.00	-7.83	peak
4	2484.200	52.86	0.04	52.90	54.00	-1.10	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.

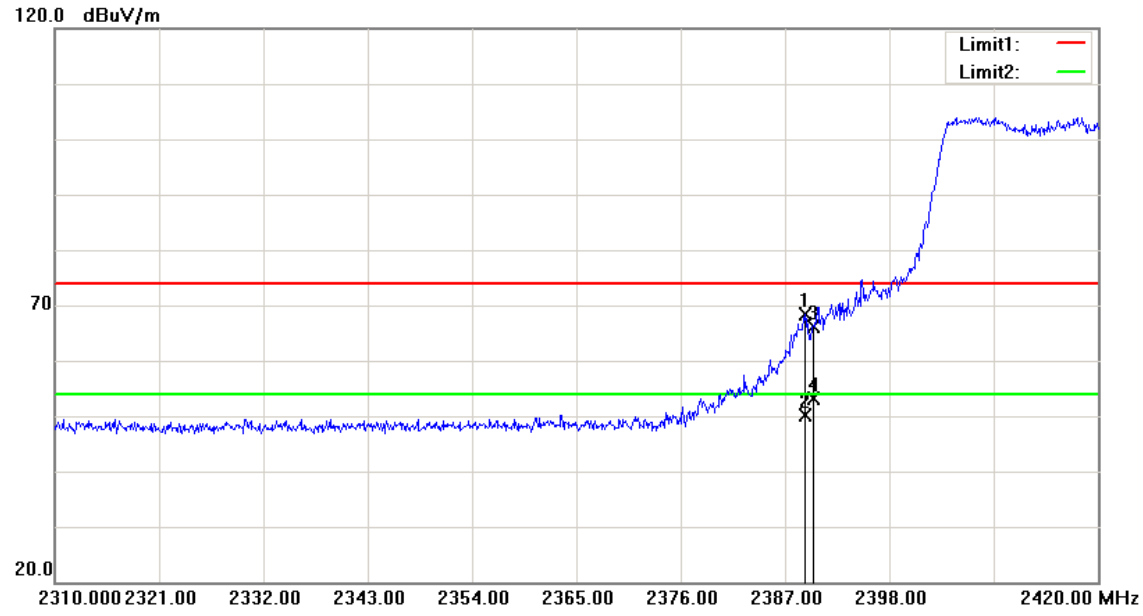
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	01/22/2015
Frequency:	2452 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	55.74	0.03	55.77	74.00	-18.23	peak
2	2483.500	47.72	0.03	47.75	54.00	-6.25	AVG
3	2484.050	59.53	0.04	59.57	74.00	-14.43	peak
4	2484.050	47.54	0.04	47.58	54.00	-6.42	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	10/07/2016
Frequency:	2412 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		
Beamforming on			

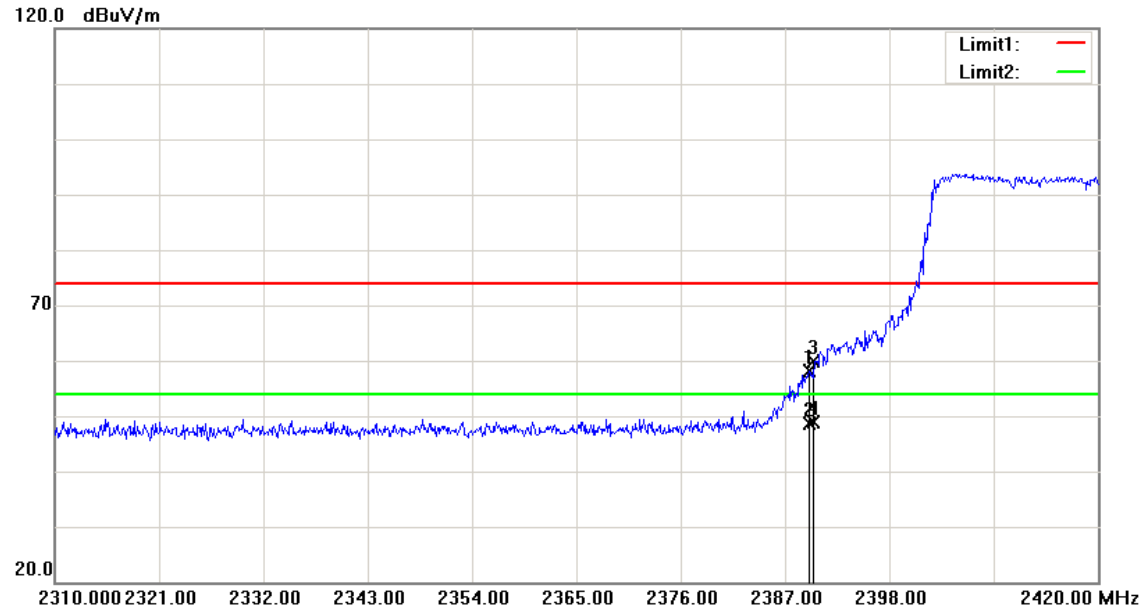


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.090	68.74	-0.34	68.40	74.00	-5.60	peak
2	2389.090	50.44	-0.34	50.10	54.00	-3.90	AVG
3	2390.000	66.37	-0.34	66.03	74.00	-7.97	peak
4	2390.000	53.42	-0.34	53.08	54.00	-0.92	AVG

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:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	10/07/2016
Frequency:	2412 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		

Beamforming on

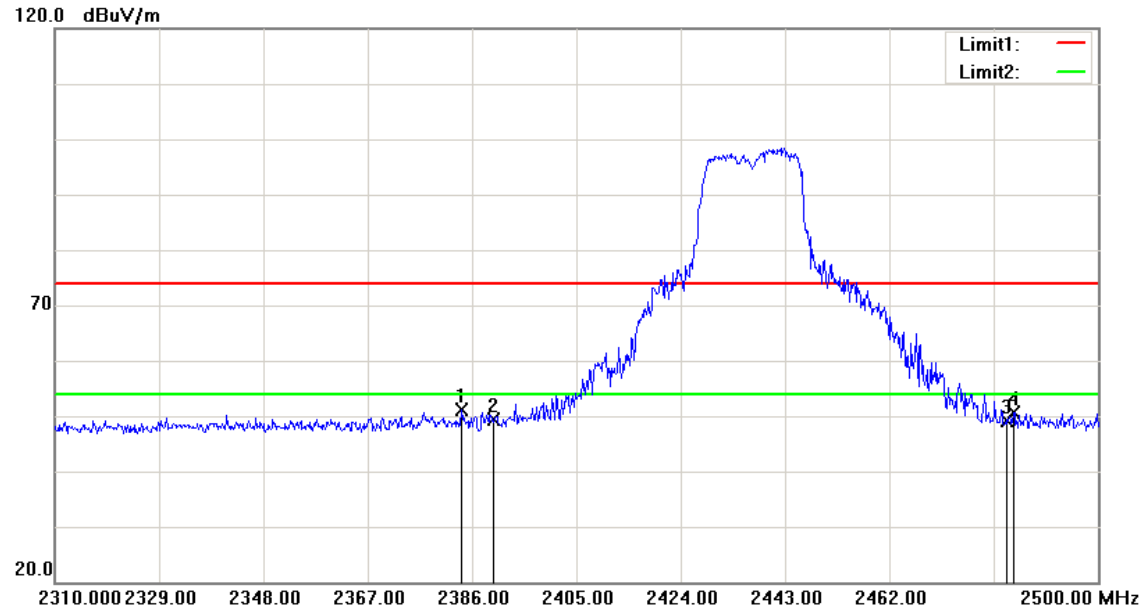


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.530	58.42	-0.34	58.08	74.00	-15.92	peak
2	2389.530	48.85	-0.34	48.51	54.00	-5.49	AVG
3	2390.000	60.22	-0.34	59.88	74.00	-14.12	peak
4	2390.000	49.17	-0.34	48.83	54.00	-5.17	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	10/07/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		

Beamforming on

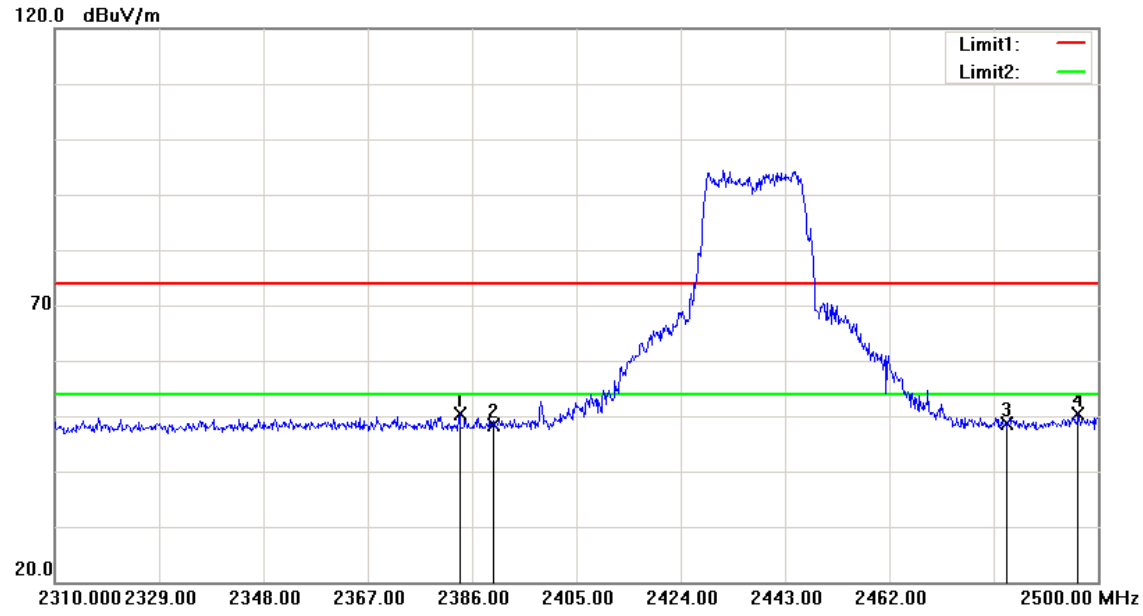


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2384.100	51.45	-0.36	51.09	74.00	-22.91	peak
2	2390.000	49.66	-0.34	49.32	74.00	-24.68	peak
3	2483.500	49.03	0.03	49.06	74.00	-24.94	peak
4	2484.610	50.70	0.04	50.74	74.00	-23.26	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	10/07/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		

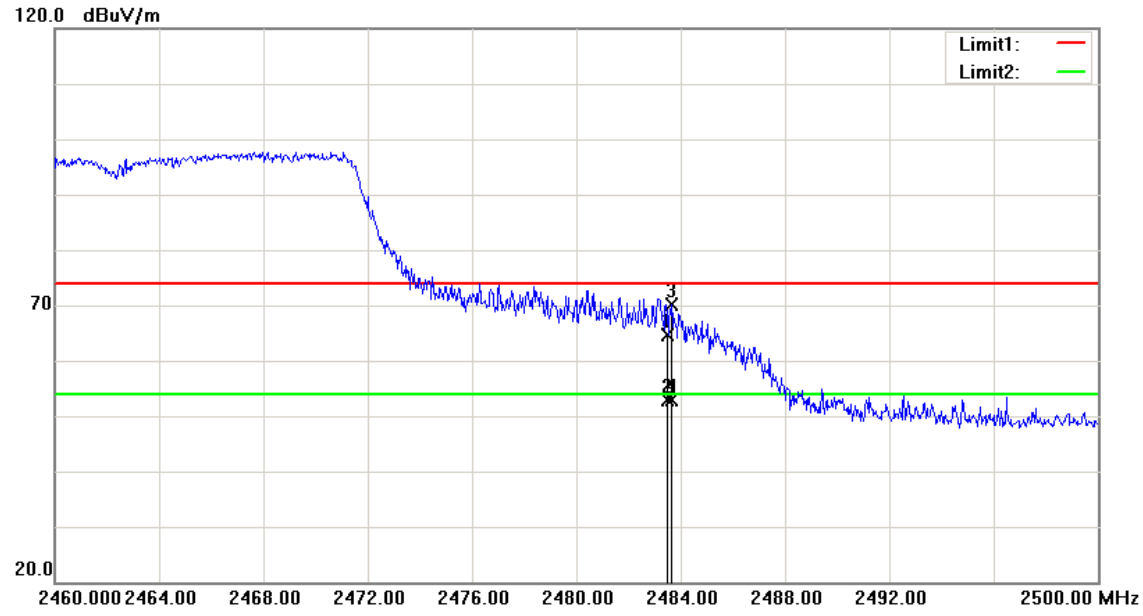
Beamforming on



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2383.720	50.84	-0.37	50.47	74.00	-23.53	peak
2	2390.000	48.67	-0.34	48.33	74.00	-25.67	peak
3	2483.500	48.63	0.03	48.66	74.00	-25.34	peak
4	2496.390	50.30	0.09	50.39	74.00	-23.61	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:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	10/07/2016
Frequency:	2462 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		
Beamforming on			

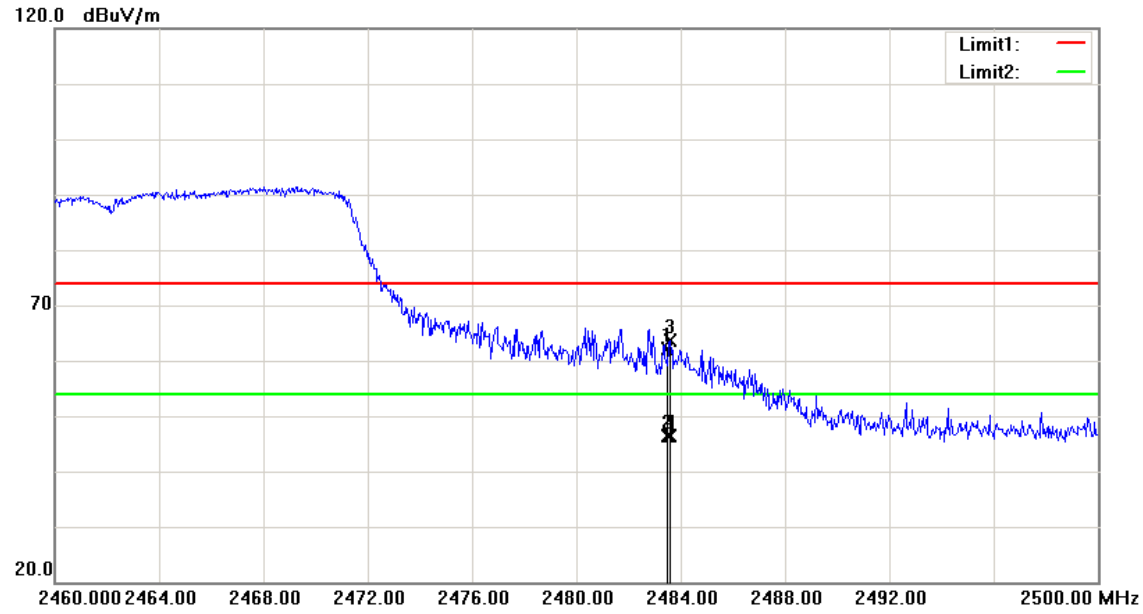


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	64.56	0.03	64.59	74.00	-9.41	peak
2	2483.500	52.92	0.03	52.95	54.00	-1.05	AVG
3	2483.640	70.01	0.03	70.04	74.00	-3.96	peak
4	2483.640	52.75	0.03	52.78	54.00	-1.22	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	4	Date:	10/07/2016
Frequency:	2462 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		

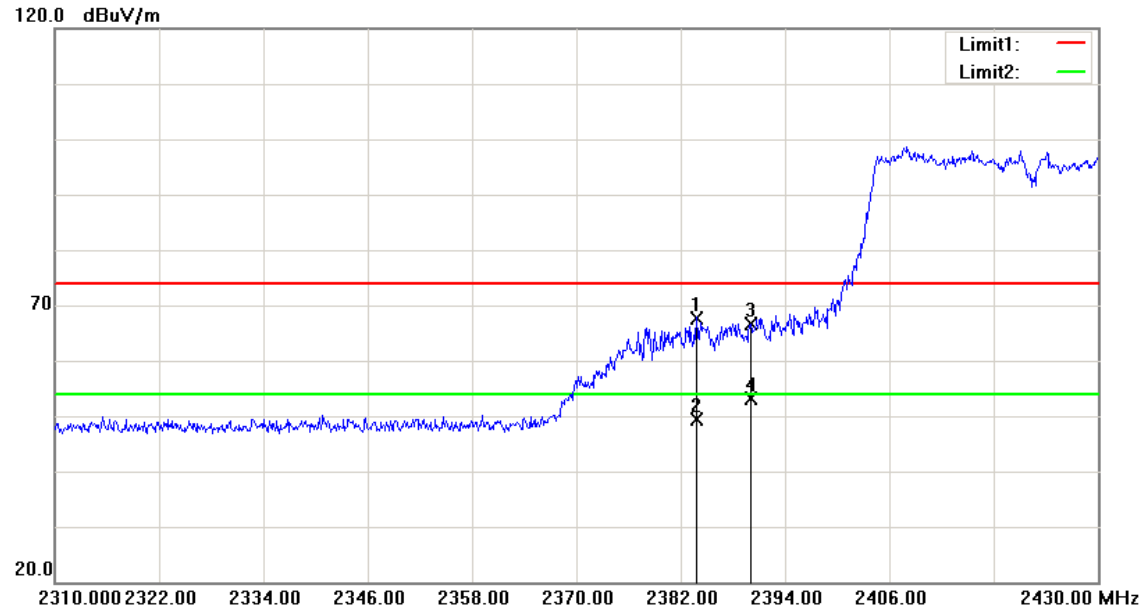
Beamforming on



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	62.05	0.03	62.08	74.00	-11.92	peak
2	2483.500	46.42	0.03	46.45	54.00	-7.55	AVG
3	2483.600	63.64	0.03	63.67	74.00	-10.33	peak
4	2483.600	46.31	0.03	46.34	54.00	-7.66	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	01/22/2015
Frequency:	2422 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		
Beamforming on			

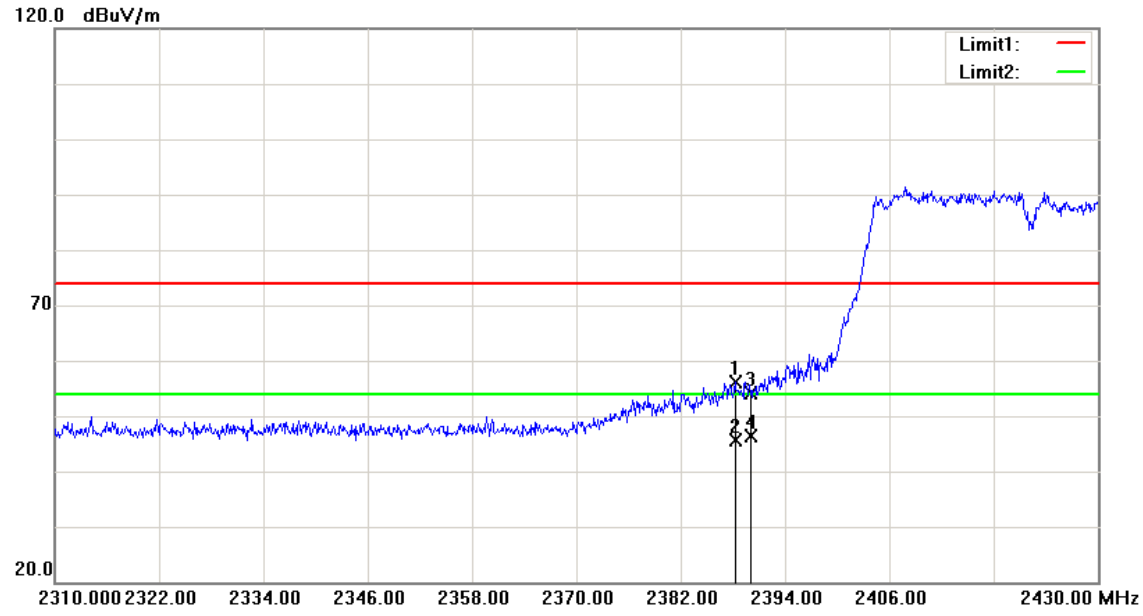


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2383.800	68.12	-0.37	67.75	74.00	-6.25	peak
2	2383.800	49.79	-0.37	49.42	54.00	-4.58	AVG
3	2390.000	66.87	-0.34	66.53	74.00	-7.47	peak
4	2390.000	53.45	-0.34	53.11	54.00	-0.89	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	01/22/2015
Frequency:	2422 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		

Beamforming on

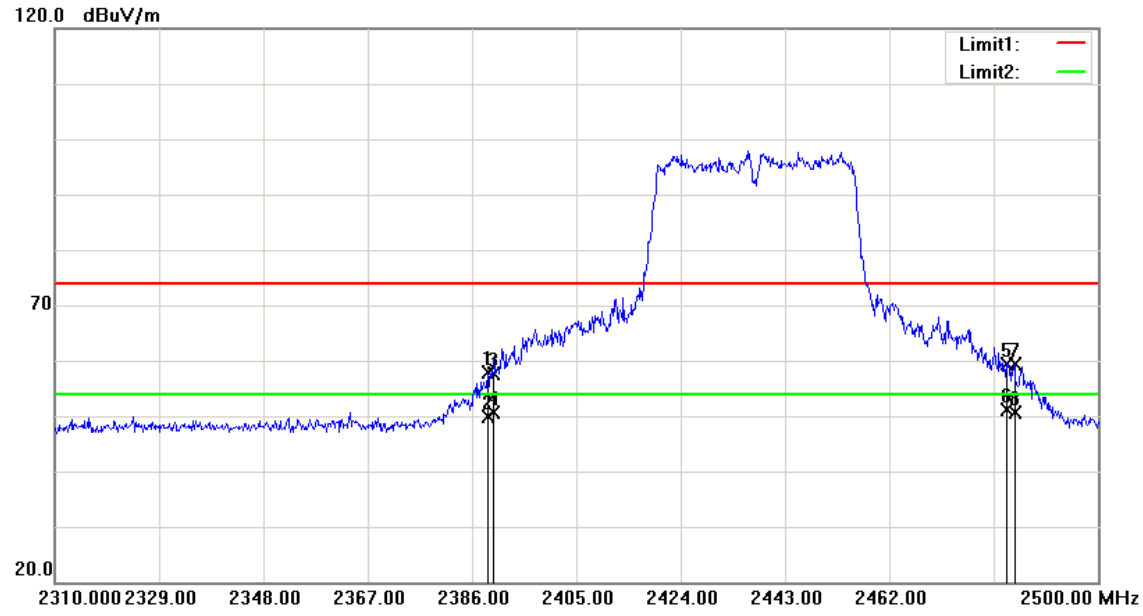


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.240	56.42	-0.34	56.08	74.00	-17.92	peak
2	2388.240	45.98	-0.34	45.64	54.00	-8.36	AVG
3	2390.000	54.44	-0.34	54.10	74.00	-19.90	peak
4	2390.000	46.68	-0.34	46.34	54.00	-7.66	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	10/07/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		

Beamforming on



Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	10/07/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		
Beamforming on			

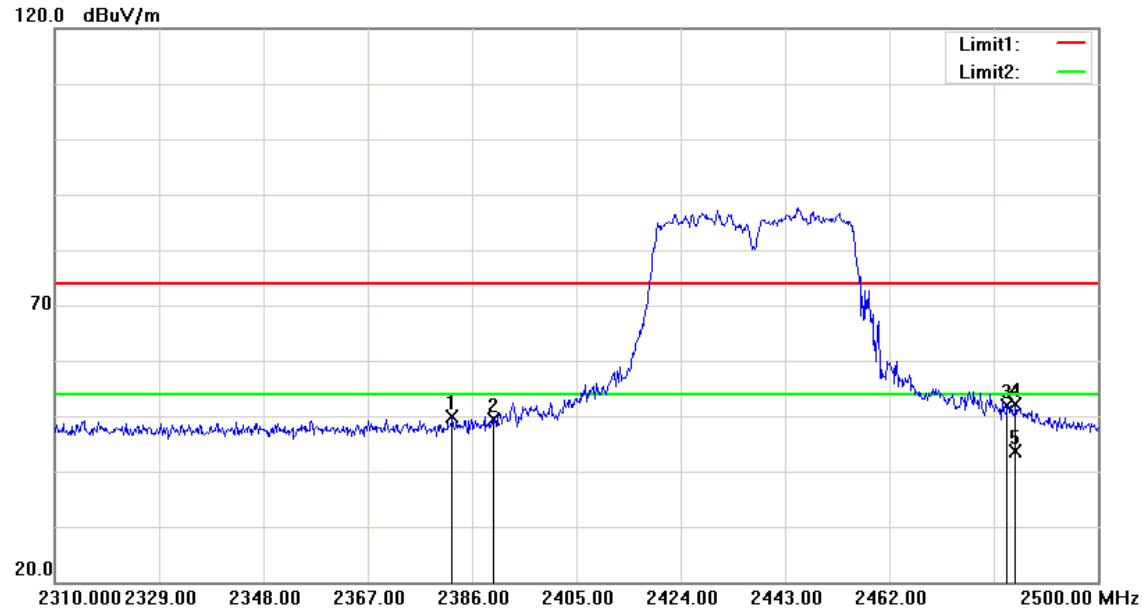
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.850	58.19	-0.34	57.85	74.00	-16.15	peak
2	2388.850	50.11	-0.34	49.77	54.00	-4.23	AVG
3	2390.000	57.99	-0.34	57.65	74.00	-16.35	peak
4	2390.000	50.93	-0.34	50.59	54.00	-3.41	AVG
5	2483.500	59.36	0.03	59.39	74.00	-14.61	peak
6	2483.500	51.21	0.03	51.24	54.00	-2.76	AVG
7	2484.800	59.39	0.04	59.43	74.00	-14.57	peak
8	2484.800	50.63	0.04	50.67	54.00	-3.33	AVG

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

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

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

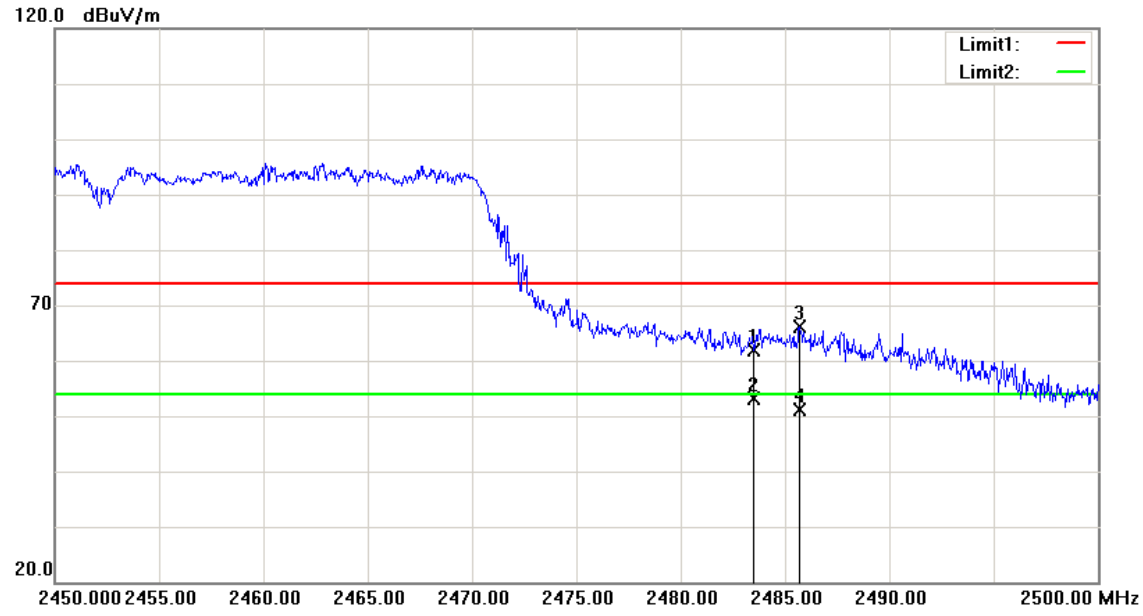
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	10/07/2016
Frequency:	2437 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.390	50.32	-0.37	49.95	74.00	-24.05	peak
2	2390.000	49.69	-0.34	49.35	74.00	-24.65	peak
3	2483.500	51.87	0.03	51.90	74.00	-22.10	peak
4	2484.990	52.17	0.04	52.21	74.00	-21.79	peak
5	2484.990	43.50	0.04	43.54	54.00	-10.46	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.

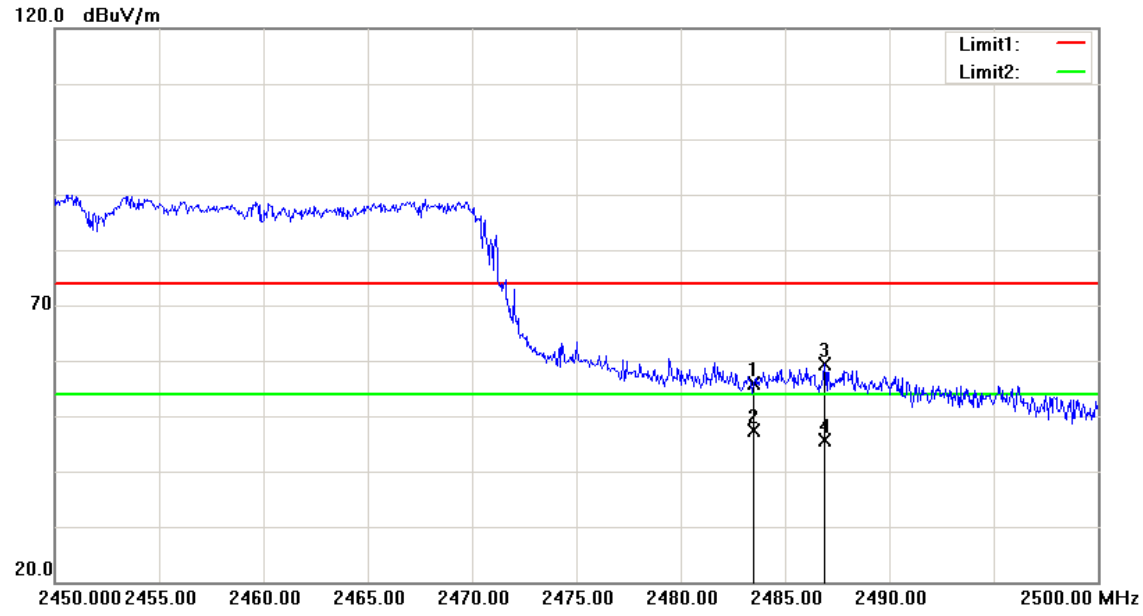
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	01/22/2015
Frequency:	2452 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	61.97	0.03	62.00	74.00	-12.00	peak
2	2483.500	53.13	0.03	53.16	54.00	-0.84	AVG
3	2485.700	66.00	0.04	66.04	74.00	-7.96	peak
4	2485.700	51.18	0.04	51.22	54.00	-2.78	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	EW-7822ULC	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	5	Date:	01/22/2015
Frequency:	2452 MHz	Test By:	Eric Ou Yang
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	55.75	0.03	55.78	74.00	-18.22	peak
2	2483.500	47.34	0.03	47.37	54.00	-6.63	AVG
3	2486.900	59.34	0.04	59.38	74.00	-14.62	peak
4	2486.900	45.55	0.04	45.59	54.00	-8.41	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.

測試配置照片:

測試模式：	1 GHz以下量測
敘述：	場強輻射檢驗照片(前)



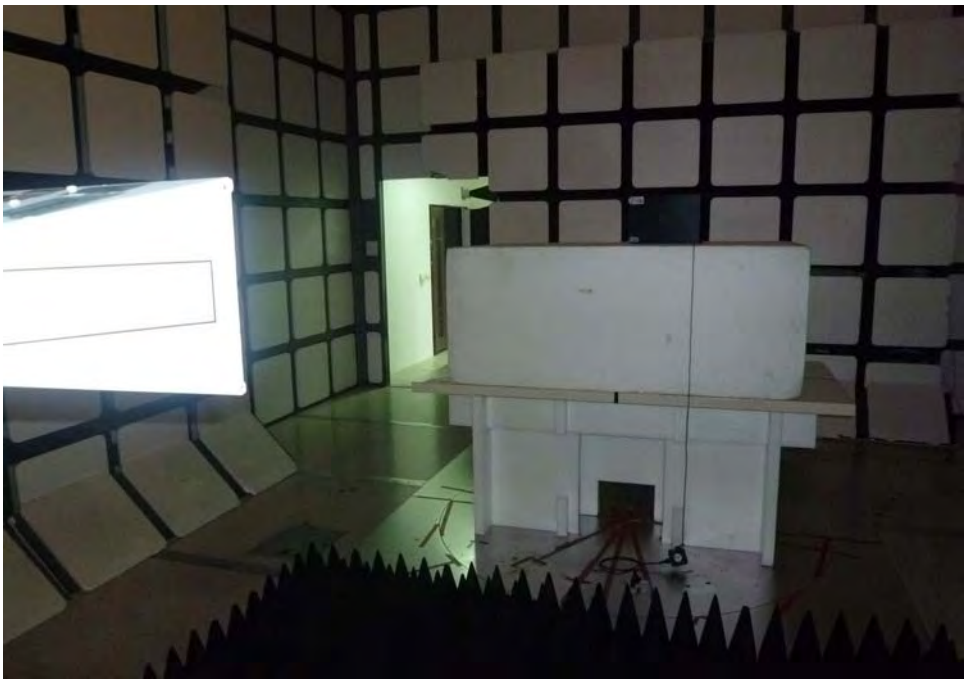
測試模式：	1 GHz以下量測
敘述：	場強輻射檢驗照片(後)



測試模式：	1 GHz以上量測
敘述：	場強輻射檢驗照片(前)



測試模式：	1 GHz以上量測
敘述：	場強輻射檢驗照片(後)



4.2.2 峰值傳導輸出功率之量測

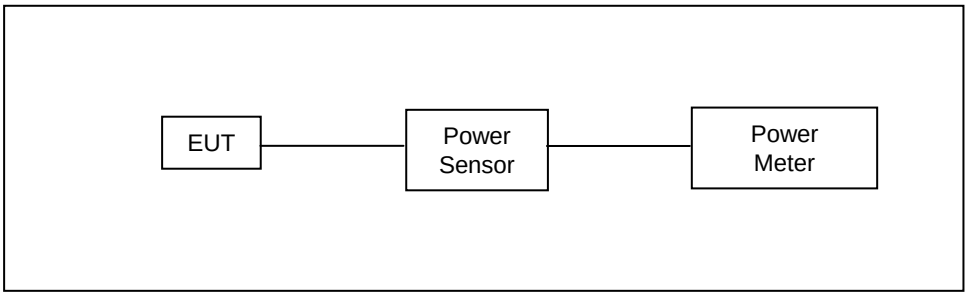
合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.2(1)(C)節之要求，操作於 2400-2483.5 兆赫(MHz)數位調變技術系統：1 瓦(W)(含)以下

＊ SISO mode for ANT-0：Directional Gain = Max. Gain = 1.81 dBi < 6 dBi.

＊ MIMO/BF mode：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 4.13 dBi < 6dBi

測試架構圖 ：



測試結果:

Model Number	EW-7822ULC				
Test Item	Maximum Conducted Output Power				
Date of Test	08/02/2016				
ANT-0					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 2	2412	1M	14.25	0.027	< 30
	2437		14.23	0.026	< 30
	2462		14.45	0.028	< 30
	2437	2M	14.20	0.026	< 30
	2437	5.5M	14.19	0.026	< 30
	2437	11M	14.15	0.026	< 30
Mode 3	2412	6M	14.62	0.029	< 30
	2437		16.26	0.042	< 30
	2462		14.20	0.026	< 30
	2437	9M	16.25	0.042	< 30
	2437	12M	16.20	0.042	< 30
	2437	18M	16.24	0.042	< 30
	2437	24M	16.19	0.042	< 30
	2437	36M	16.22	0.042	< 30
	2437	48M	16.20	0.042	< 30
	2437	54M	16.18	0.041	< 30

Note: The relevant measured result has the offset with cable loss already.

Model Number	EW-7822ULC				
Test Item	Maximum Conducted Output Power				
Date of Test	08/02/2016				
ANT-0					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 4	2412	13M	15.41	0.035	< 30
	2437		15.46	0.035	< 30
	2462		15.44	0.035	< 30
	2437	26M	15.26	0.034	< 30
	2437	39M	15.40	0.035	< 30
	2437	52M	15.45	0.035	< 30
	2437	78M	15.43	0.035	< 30
	2437	104M	15.39	0.035	< 30
	2437	117M	15.37	0.034	< 30
	2437	130M	15.44	0.035	< 30
	2437	156M	15.41	0.035	< 30
Mode 5	2422	27M	15.26	0.034	< 30
	2437		15.37	0.034	< 30
	2452		15.45	0.035	< 30
	2437	54M	15.35	0.034	< 30
	2437	81M	15.30	0.034	< 30
	2437	108M	15.36	0.034	< 30
	2437	162M	15.34	0.034	< 30
	2437	216M	15.29	0.034	< 30
	2437	243M	15.36	0.034	< 30
	2437	135M	15.32	0.034	< 30
	2437	324M	15.31	0.034	< 30
	2437	360M	15.33	0.034	< 30

Note: The relevant measured result has the offset with cable loss already.

Model Number	EW-7822ULC				
Test Item	Maximum Conducted Output Power				
Date of Test	08/02/2016				
ANT-1					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 4	2412	13M	15.49	0.035	< 30
	2437		15.48	0.035	< 30
	2462		15.42	0.035	< 30
	2437	26M	15.18	0.033	< 30
	2437	39M	15.45	0.035	< 30
	2437	52M	15.47	0.035	< 30
	2437	78M	15.40	0.035	< 30
	2437	104M	15.42	0.035	< 30
	2437	117M	15.41	0.035	< 30
	2437	130M	15.46	0.035	< 30
	2437	156M	15.38	0.035	< 30
Mode 5	2422	27M	15.39	0.035	< 30
	2437		15.47	0.035	< 30
	2452		15.48	0.035	< 30
	2437	54M	15.41	0.035	< 30
	2437	81M	15.39	0.035	< 30
	2437	108M	15.45	0.035	< 30
	2437	162M	15.44	0.035	< 30
	2437	216M	15.38	0.035	< 30
	2437	243M	15.42	0.035	< 30
	2437	135M	15.40	0.035	< 30
	2437	324M	15.36	0.034	< 30
	2437	360M	15.38	0.035	< 30

Note: The relevant measured result has the offset with cable loss already.

Model Number	EW-7822ULC				
Test Item	Maximum Conducted Output Power				
Date of Test	08/02/2016				
ANT-0+1					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 4	2412	13M	18.46	0.070	< 30
	2437		18.48	0.070	< 30
	2462		18.44	0.070	< 30
	2437	26M	18.23	0.067	< 30
	2437	39M	18.44	0.070	< 30
	2437	52M	18.47	0.070	< 30
	2437	78M	18.43	0.070	< 30
	2437	104M	18.42	0.069	< 30
	2437	117M	18.40	0.069	< 30
	2437	130M	18.46	0.070	< 30
	2437	156M	18.41	0.069	< 30
Mode 5	2422	27M	18.34	0.068	< 30
	2437		18.43	0.070	< 30
	2452		18.48	0.070	< 30
	2437	54M	18.39	0.069	< 30
	2437	81M	18.36	0.068	< 30
	2437	108M	18.42	0.069	< 30
	2437	162M	18.40	0.069	< 30
	2437	216M	18.35	0.068	< 30
	2437	243M	18.40	0.069	< 30
	2437	135M	18.37	0.069	< 30
	2437	324M	18.35	0.068	< 30
	2437	360M	18.37	0.069	< 30

Note: The relevant measured result has the offset with cable loss already.

Model Number	EW-7822ULC				
Test Item	Maximum Conducted Output Power				
Date of Test	08/02/2016				
Beamforming on					
ANT-0					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 4	2412	13M	14.05	0.025	< 30
	2437		15.73	0.037	< 30
	2462		14.94	0.031	< 30
	2437	26M	15.60	0.036	< 30
	2437	39M	15.57	0.036	< 30
	2437	52M	15.70	0.037	< 30
	2437	78M	15.68	0.037	< 30
	2437	104M	15.65	0.037	< 30
	2437	117M	15.71	0.037	< 30
	2437	130M	15.66	0.037	< 30
	2437	156M	15.63	0.037	< 30
Mode 5	2422	27M	13.84	0.024	< 30
	2437		15.26	0.034	< 30
	2452		12.39	0.017	< 30
	2437	54M	15.20	0.033	< 30
	2437	81M	15.23	0.033	< 30
	2437	108M	15.17	0.033	< 30
	2437	162M	15.12	0.033	< 30
	2437	216M	15.15	0.033	< 30
	2437	243M	15.21	0.033	< 30
	2437	135M	15.19	0.033	< 30
	2437	324M	15.13	0.033	< 30
	2437	360M	15.12	0.033	< 30

Note: The relevant measured result has the offset with cable loss already.

Model Number	EW-7822ULC				
Test Item	Maximum Conducted Output Power				
Date of Test	08/02/2016				
Beamforming on					
ANT-1					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 4	2412	13M	14.17	0.026	< 30
	2437		16.36	0.043	< 30
	2462		15.02	0.032	< 30
	2437	26M	16.27	0.042	< 30
	2437	39M	16.32	0.043	< 30
	2437	52M	16.30	0.043	< 30
	2437	78M	16.25	0.042	< 30
	2437	104M	16.20	0.042	< 30
	2437	117M	16.29	0.043	< 30
	2437	130M	16.22	0.042	< 30
	2437	156M	16.25	0.042	< 30
Mode 5	2422	27M	13.98	0.025	< 30
	2437		15.02	0.032	< 30
	2452		12.37	0.017	< 30
	2437	54M	15.00	0.032	< 30
	2437	81M	14.95	0.031	< 30
	2437	108M	14.97	0.031	< 30
	2437	162M	14.98	0.031	< 30
	2437	216M	14.92	0.031	< 30
	2437	243M	14.99	0.032	< 30
	2437	135M	14.99	0.032	< 30
	2437	324M	14.95	0.031	< 30
	2437	360M	14.91	0.031	< 30

Note: The relevant measured result has the offset with cable loss already.

Model Number	EW-7822ULC				
Test Item	Maximum Conducted Output Power				
Date of Test	08/02/2016				
Beamforming on					
ANT-0+1					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 4	2412	13M	17.12	0.052	< 30
	2437		19.07	0.081	< 30
	2462		17.99	0.063	< 30
	2437	26M	18.96	0.079	< 30
	2437	39M	18.97	0.079	< 30
	2437	52M	19.02	0.080	< 30
	2437	78M	18.98	0.079	< 30
	2437	104M	18.94	0.078	< 30
	2437	117M	19.02	0.080	< 30
	2437	130M	18.96	0.079	< 30
	2437	156M	18.96	0.079	< 30
Mode 5	2422	27M	16.92	0.049	< 30
	2437		18.15	0.065	< 30
	2452		15.39	0.035	< 30
	2437	54M	18.11	0.065	< 30
	2437	81M	18.10	0.065	< 30
	2437	108M	18.08	0.064	< 30
	2437	162M	18.06	0.064	< 30
	2437	216M	18.05	0.064	< 30
	2437	243M	18.11	0.065	< 30
	2437	135M	18.10	0.065	< 30
	2437	324M	18.05	0.064	< 30
	2437	360M	18.03	0.063	< 30

Note: The relevant measured result has the offset with cable loss already.

4.2.3 天線規格之要求

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.3(3)節之要求,除 3.10.1.3(1)及 3.10.1.3(2)外,使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率限制值。

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.4 節之要求，天線之規格不受第 2.2 節規定之限制

判定結果:

符合

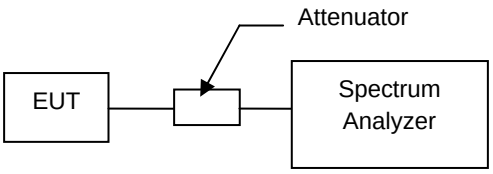
Antennna	廠牌	型號	型態	增益值
				2.4GHz
ANT-0 (Main)	WIESON	GY197HT632-003	Monopole Antenna	1.81
ANT-1 (AUX)	WIESON	GY197HT632-003	Monopole Antenna	0.36

4.2.4 非必要頻帶之量測

合格標準:

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

測試架構圖 ：



測試結果:

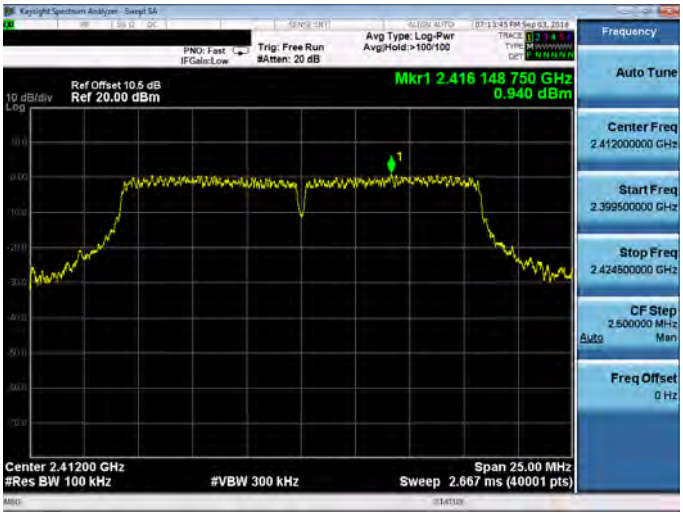
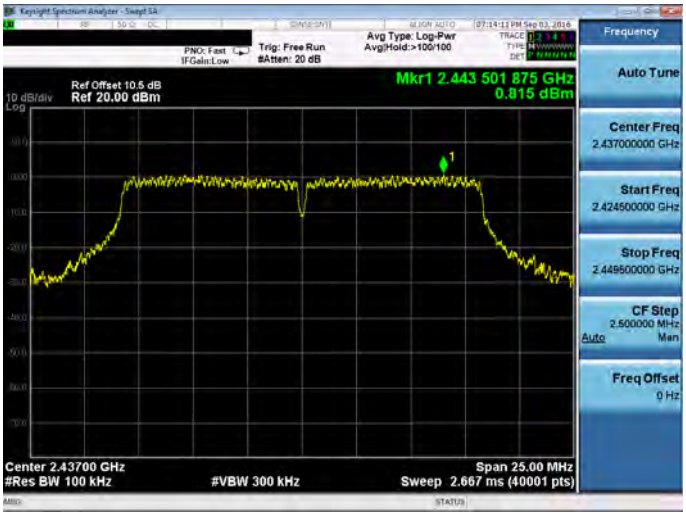
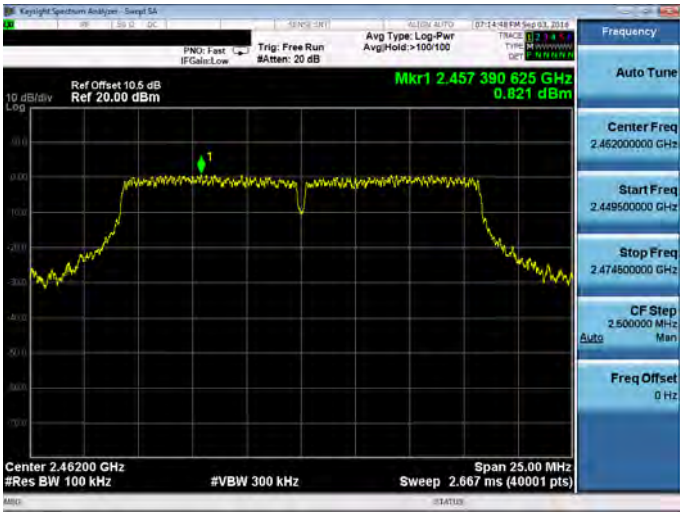
操作模式	： Mode 2 / Mode 3 / Mode 4 / Mode 5
測試結果	： 合格
量測之結果掃圖如下頁所示	

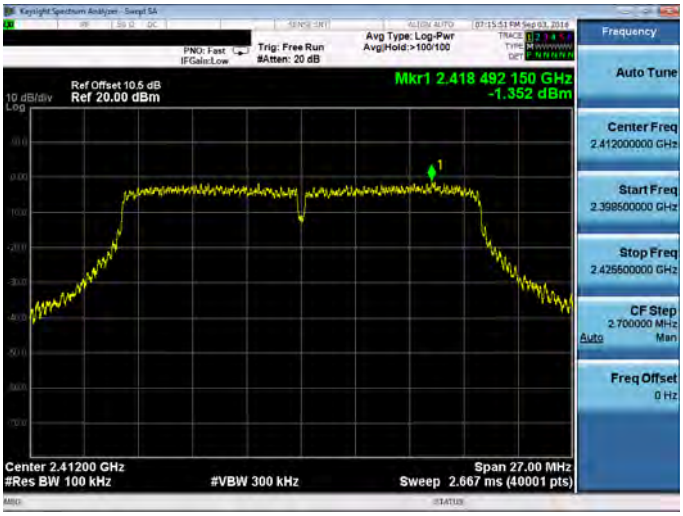
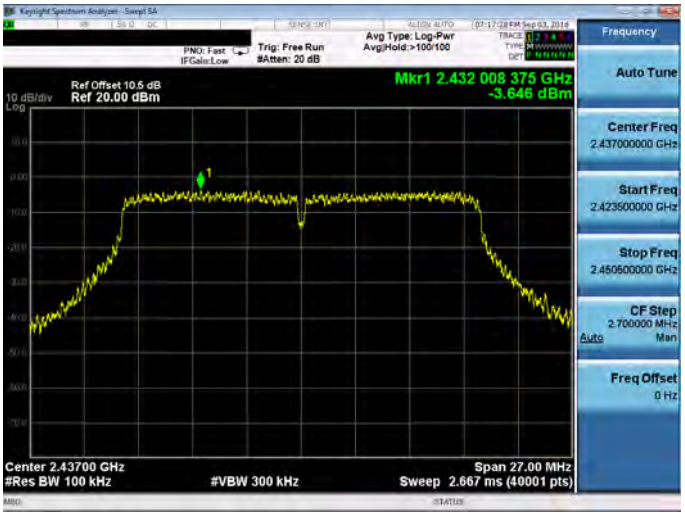
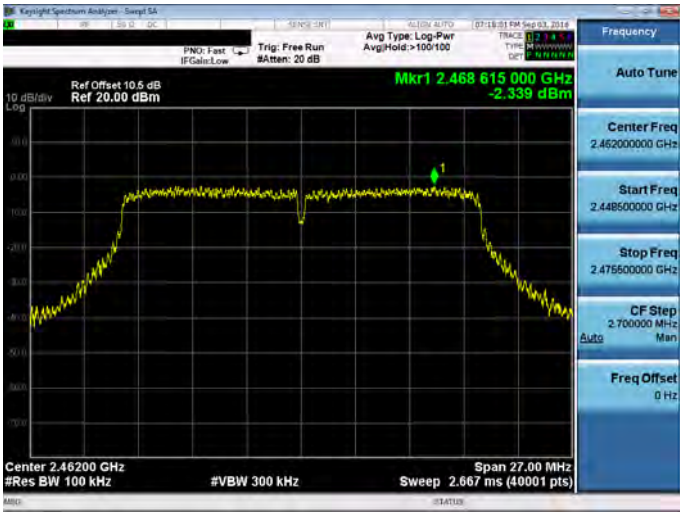
附註 1: 於使用頻帶範圍之任意 100 千赫 (kHz)內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz)內的射頻功率，衰減 30 分貝(dB)以上，符合規定。

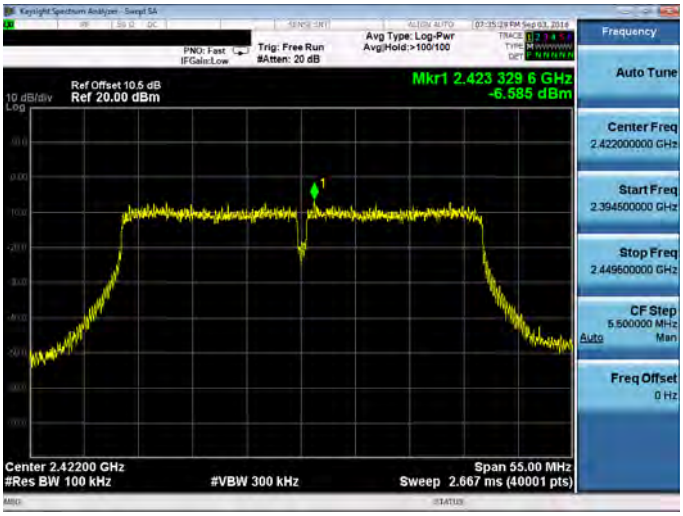
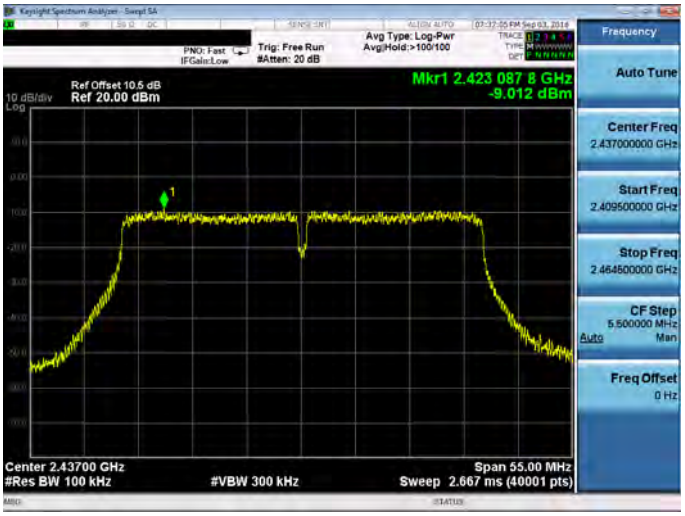
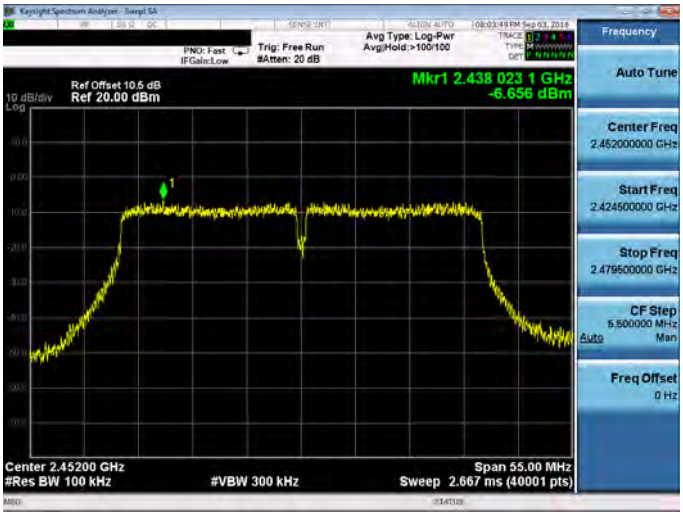
附註 2: 測試結果頻帶外之輻射雜訊皆小於主頻 TX 30dB。

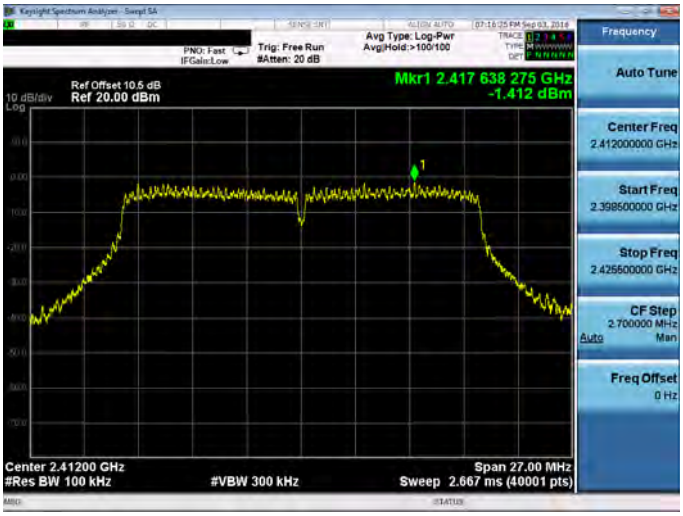
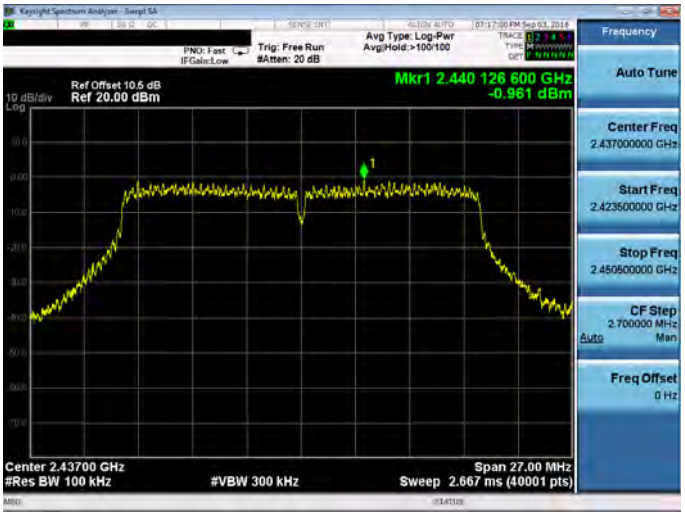
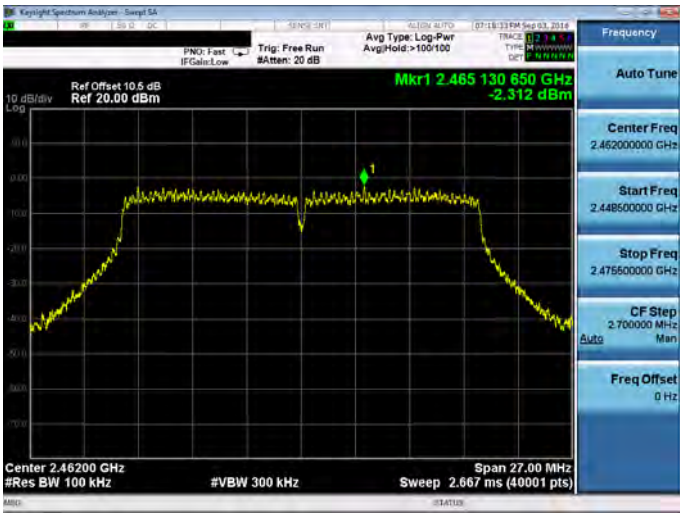
Reference level

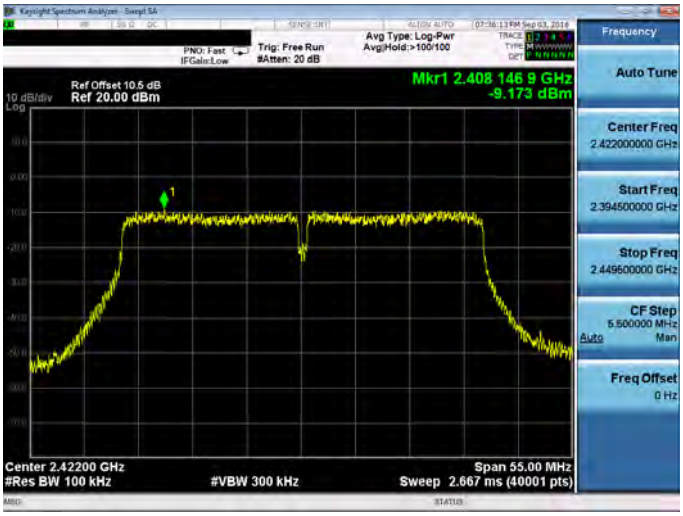
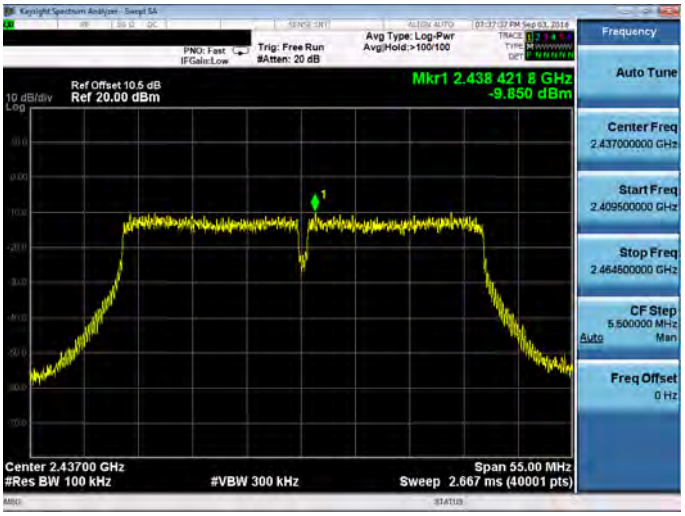
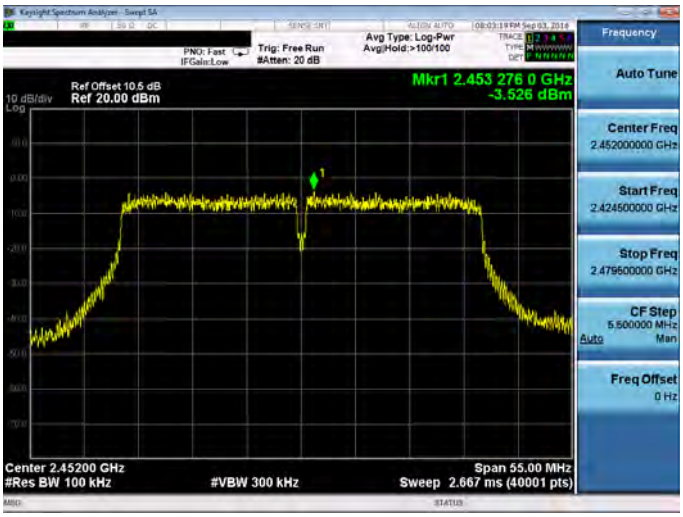
Mode 2: IEEE 802.11b_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

Mode 3: IEEE 802.11g link mode_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

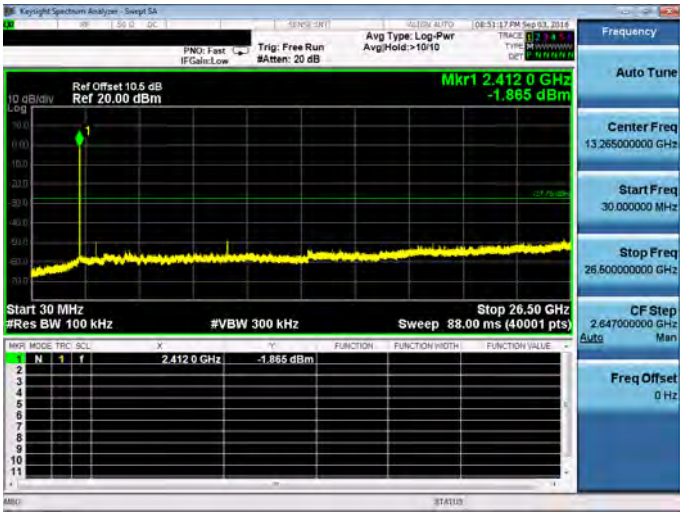
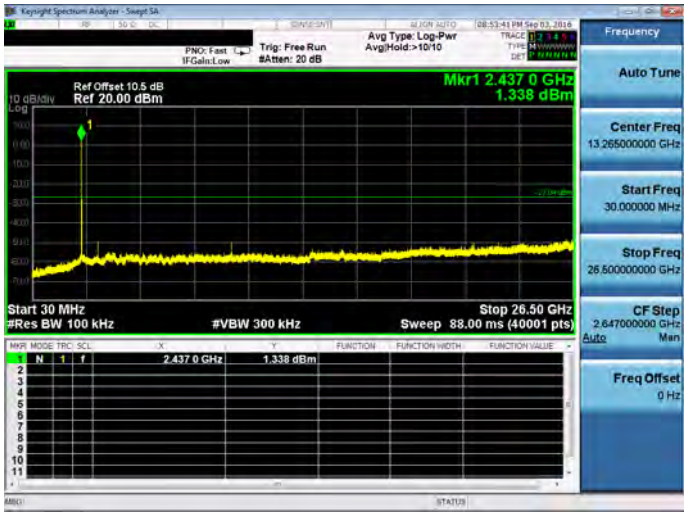
Mode 4: IEEE 802.11n 2.4GHz 20MHz link mode_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

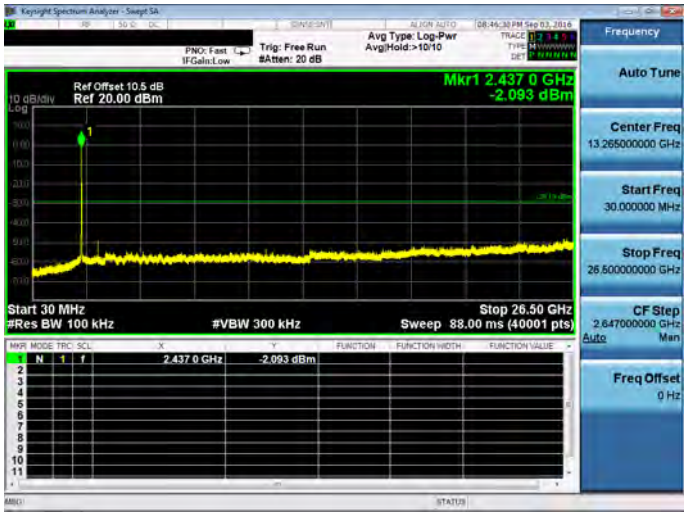
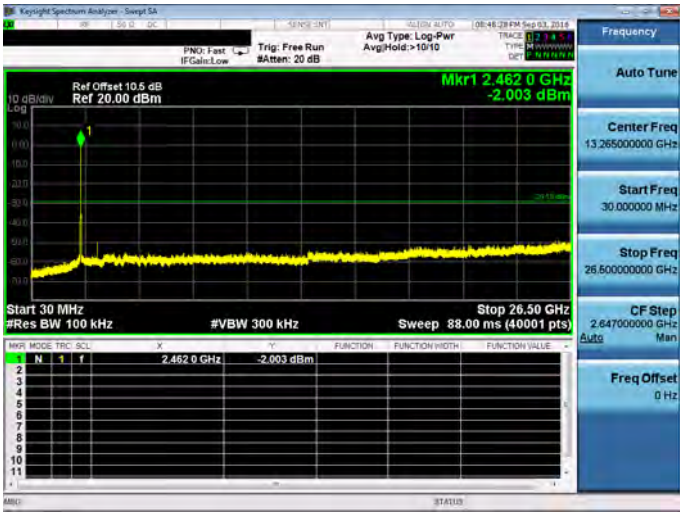
Mode 5: IEEE 802.11n 2.4GHz 40MHz link mode_ANT-0	
2422 MHz	
2437 MHz	
2452 MHz	

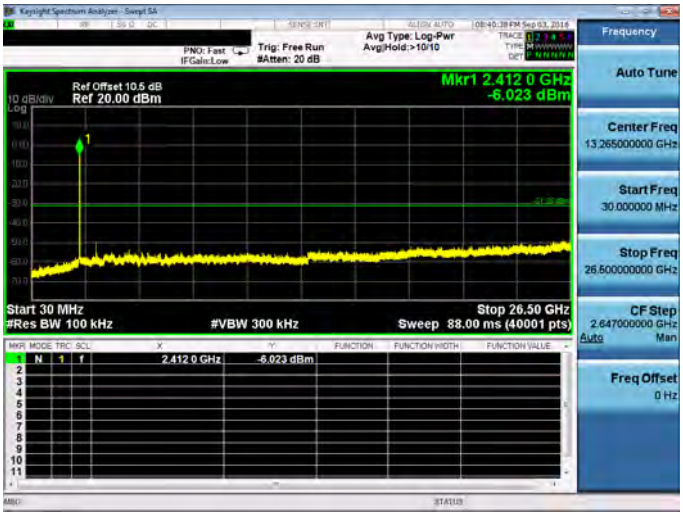
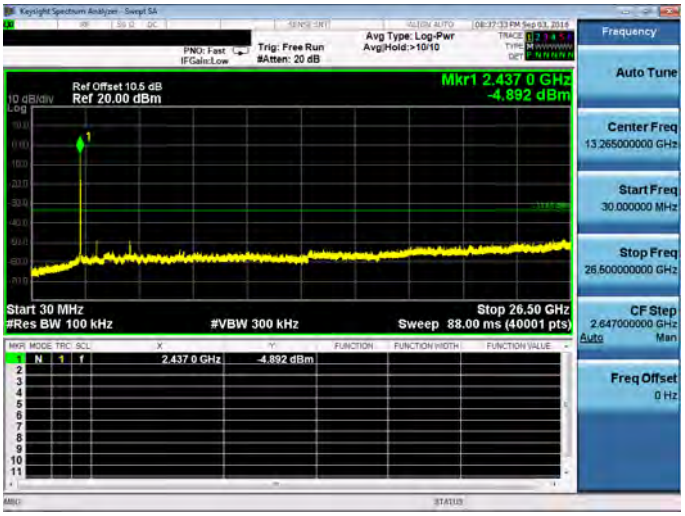
Mode 4: IEEE 802.11n 2.4GHz 20MHz link mode_ANT-1	
2412 MHz	
2437 MHz	
2462 MHz	

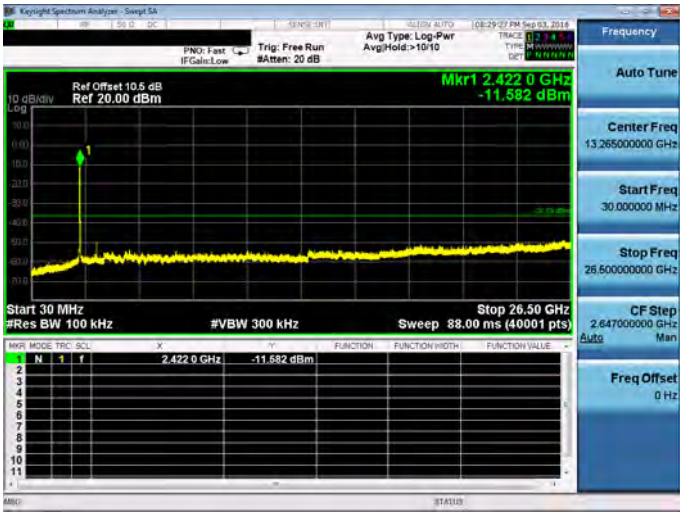
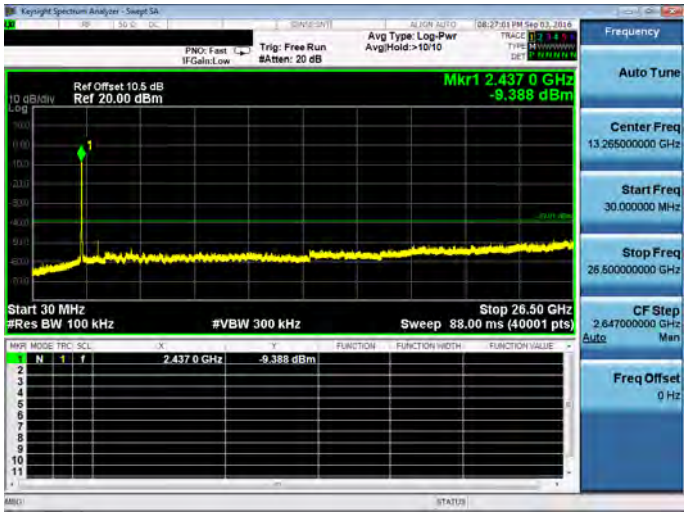
Mode 5: IEEE 802.11n 2.4GHz 40MHz link mode_ANT-1	
2422 MHz	
2437 MHz	
2452 MHz	

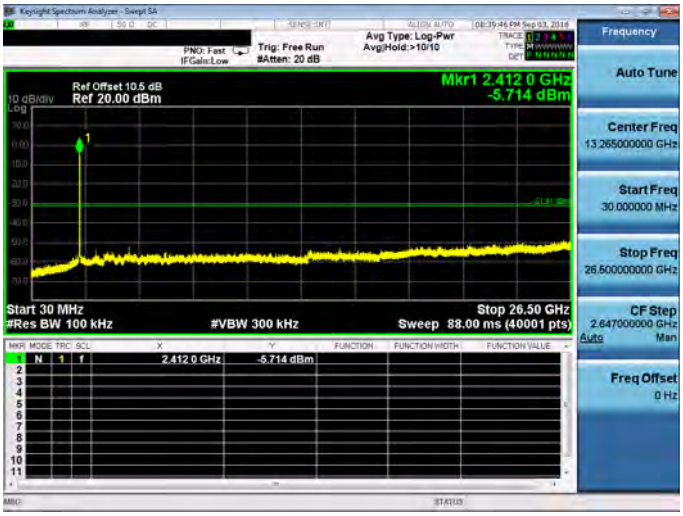
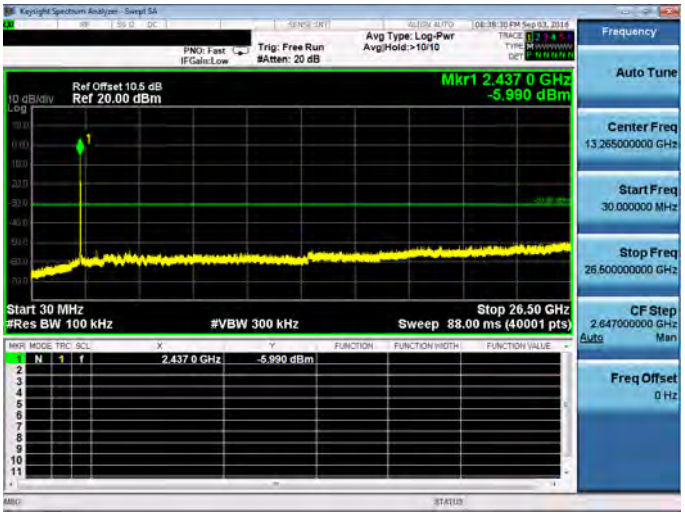
Out of Band Conducted Emissions

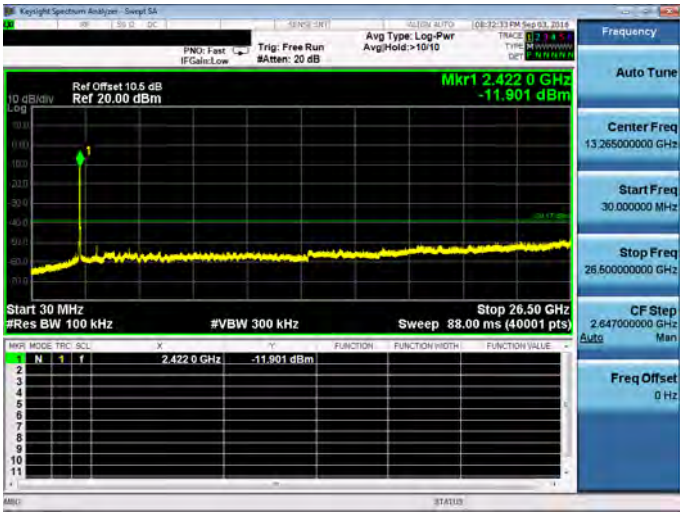
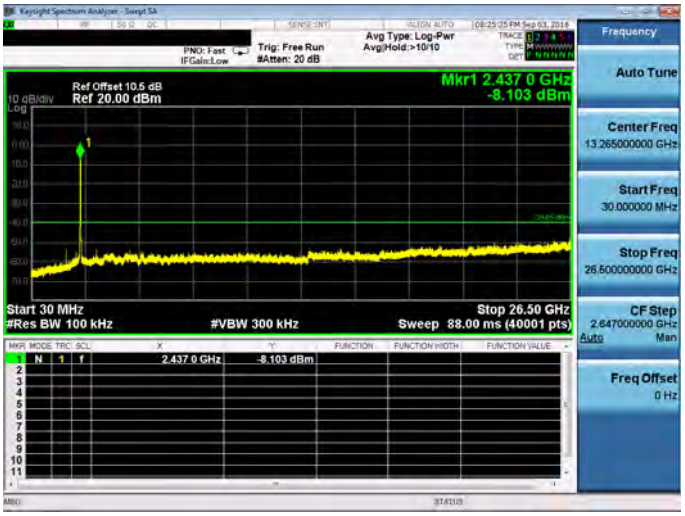
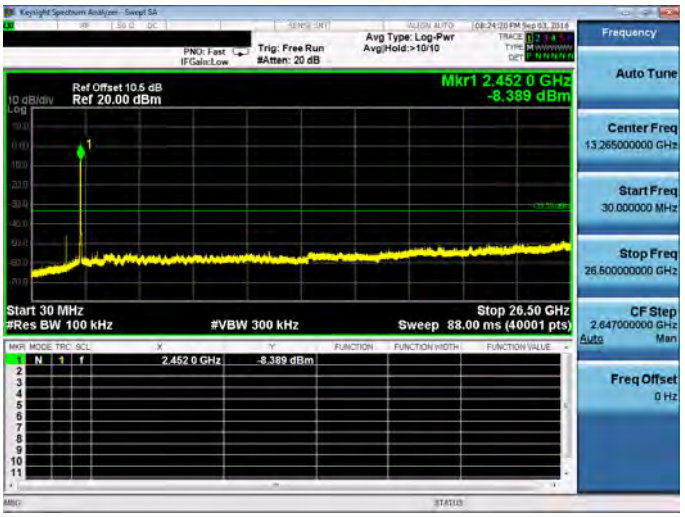
Mode 2: IEEE 802.11b_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

Mode 3: IEEE 802.11g link mode_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

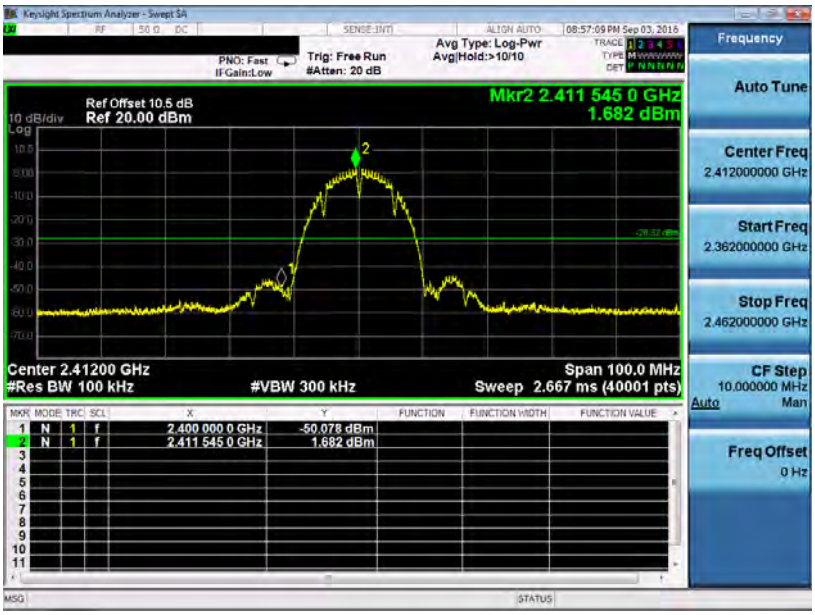
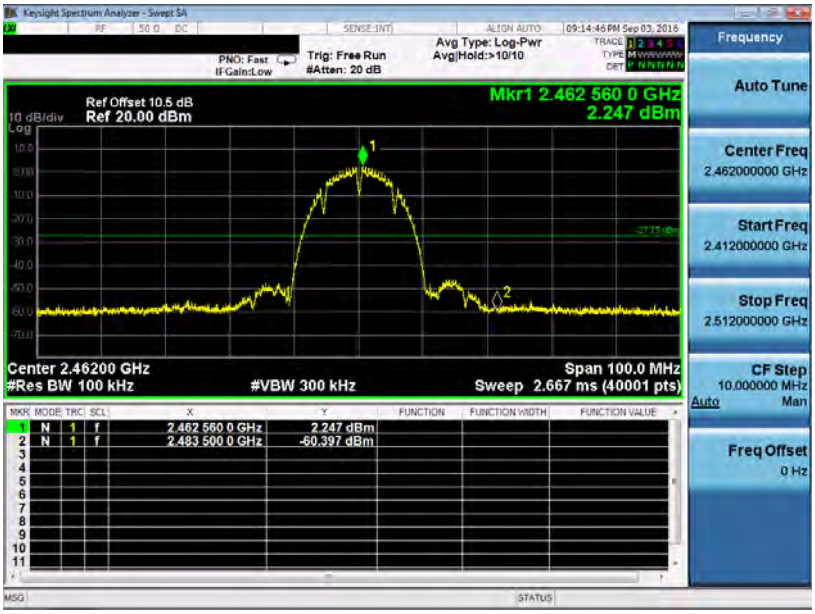
Mode 4: IEEE 802.11n 2.4GHz 20MHz link mode_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

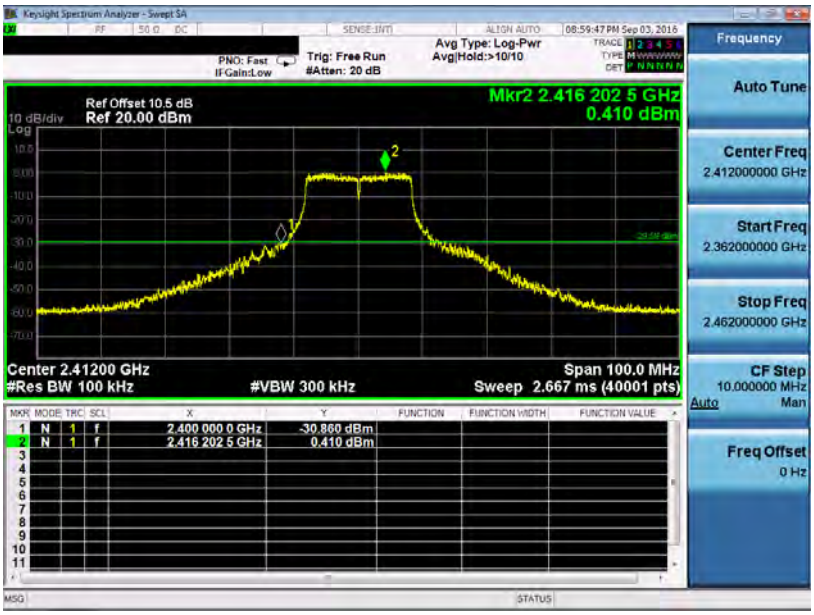
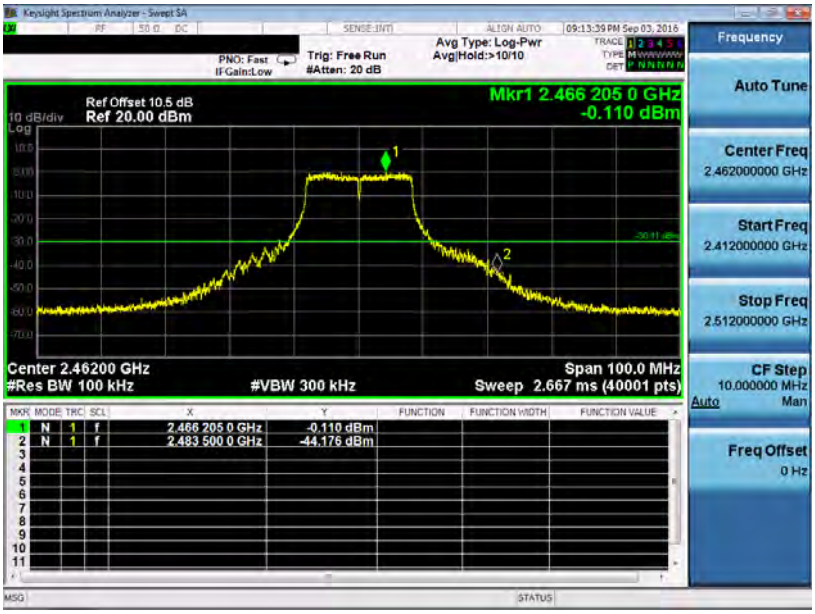
Mode 5: IEEE 802.11n 2.4GHz 40MHz link mode_ANT-0	
2422 MHz	
2437 MHz	
2452 MHz	

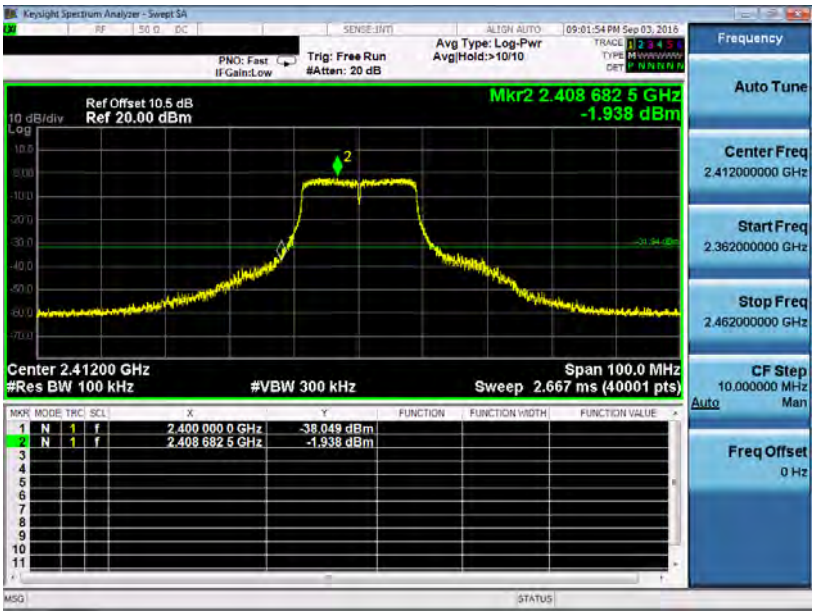
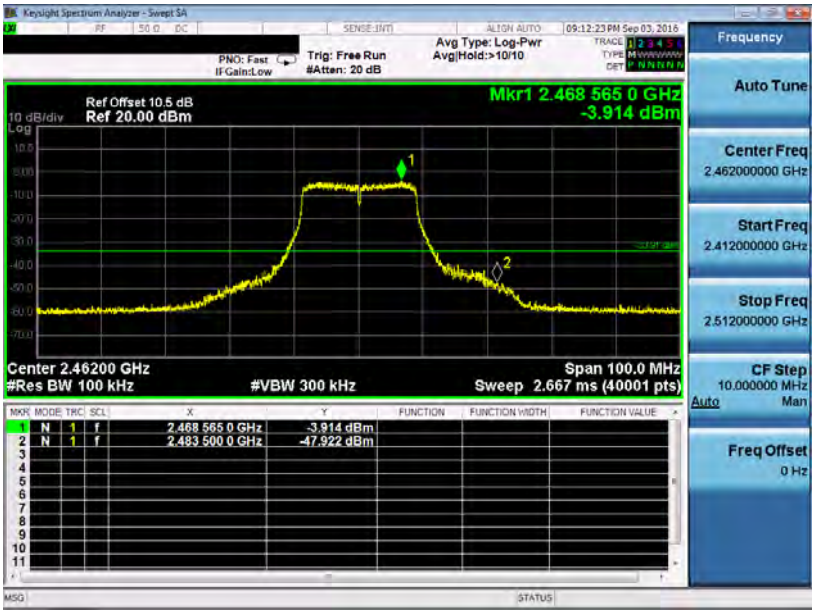
Mode 4: IEEE 802.11n 2.4GHz 20MHz link mode_ANT-1	
2412 MHz	
2437 MHz	
2462 MHz	

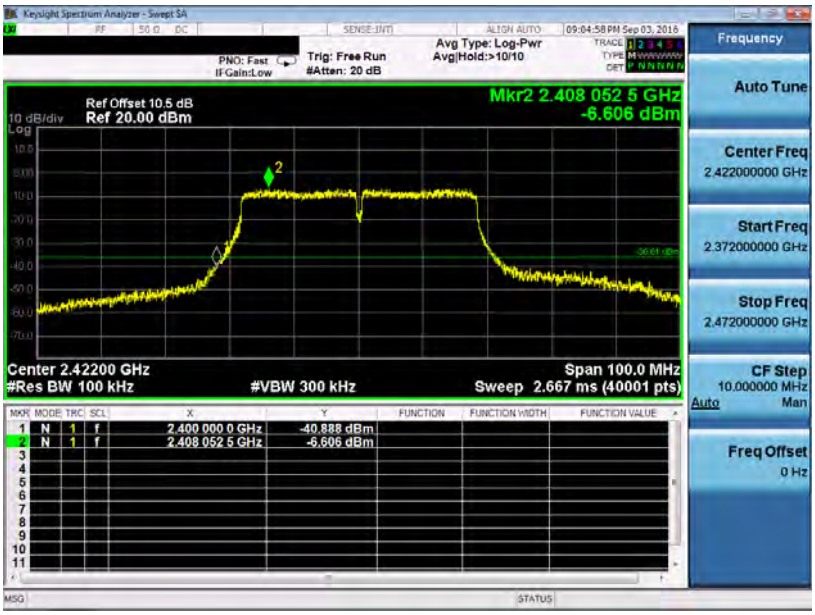
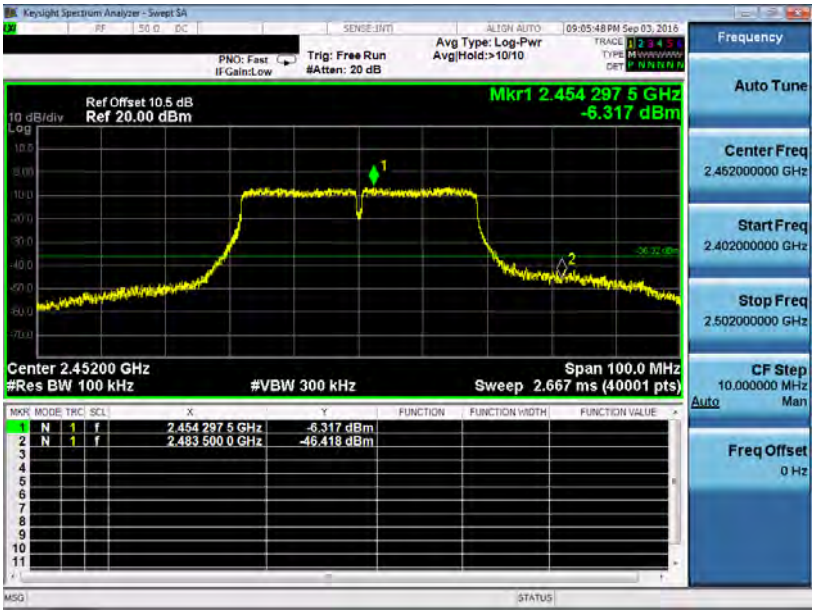
Mode 5: IEEE 802.11n 2.4GHz 40MHz link mode_ANT-1	
2422 MHz	
2437 MHz	
2452 MHz	

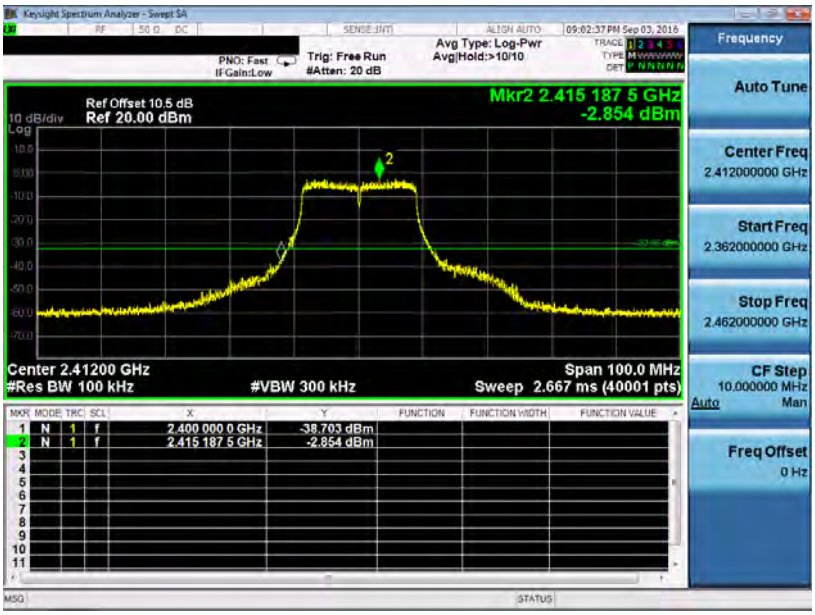
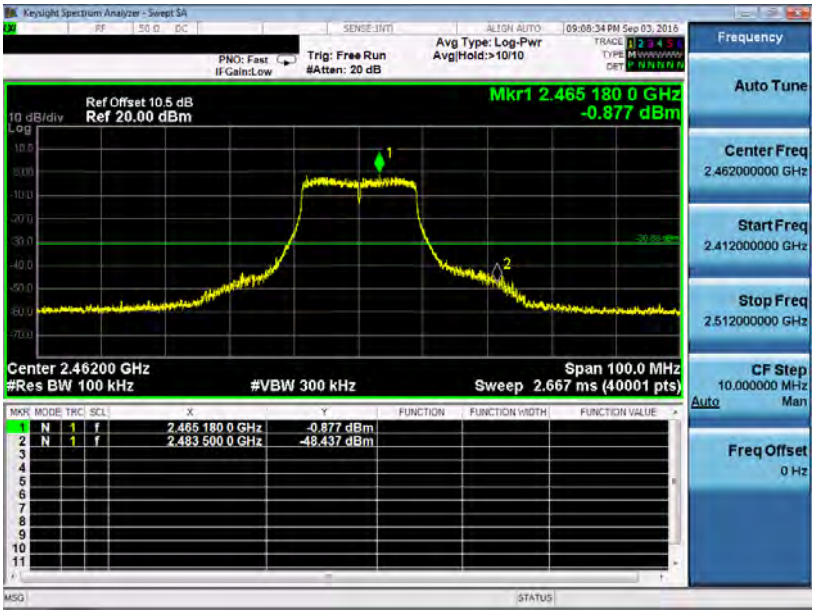
Conducted Band Edge

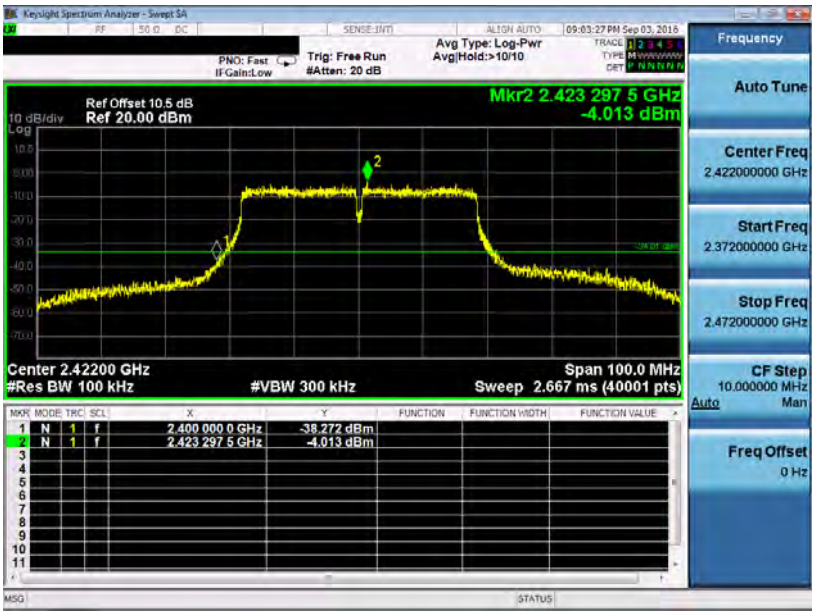
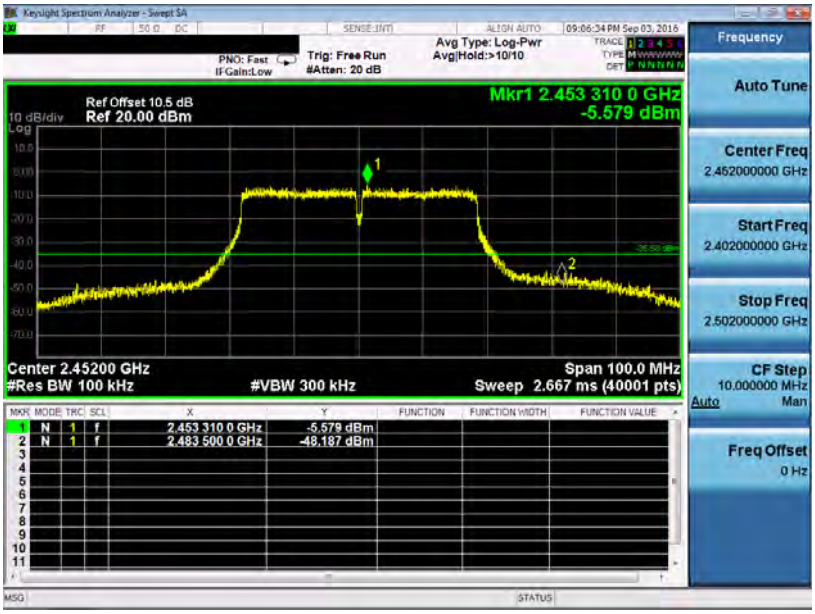
Mode 2: IEEE 802.11b_ANT-0	
2412 MHz	
2462 MHz	

Mode 3: IEEE 802.11g_ANT-0	
2412 MHz	
2462 MHz	

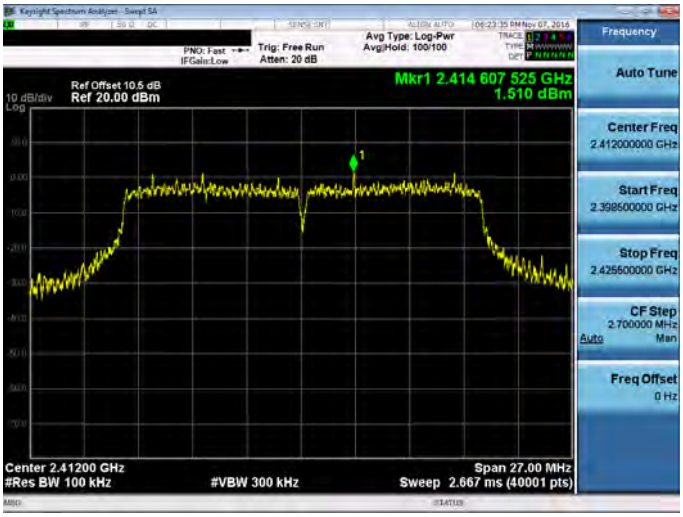
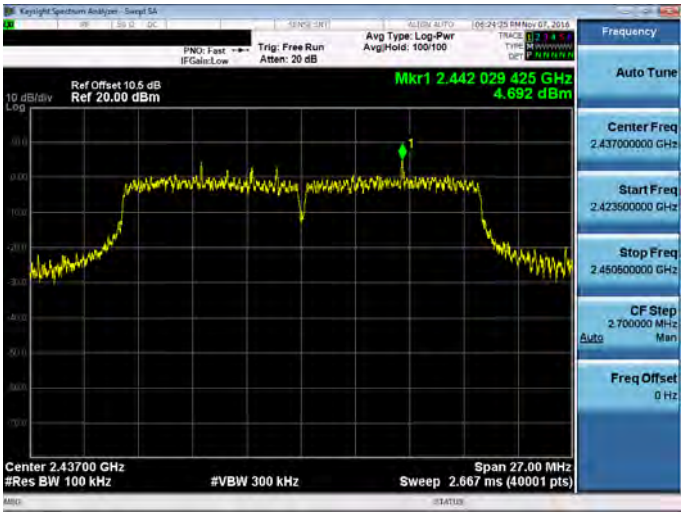
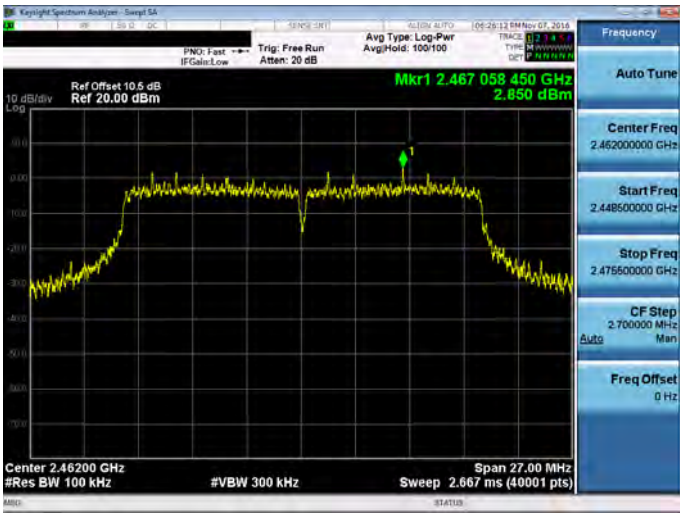
Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-0	
2412 MHz	
2462 MHz	

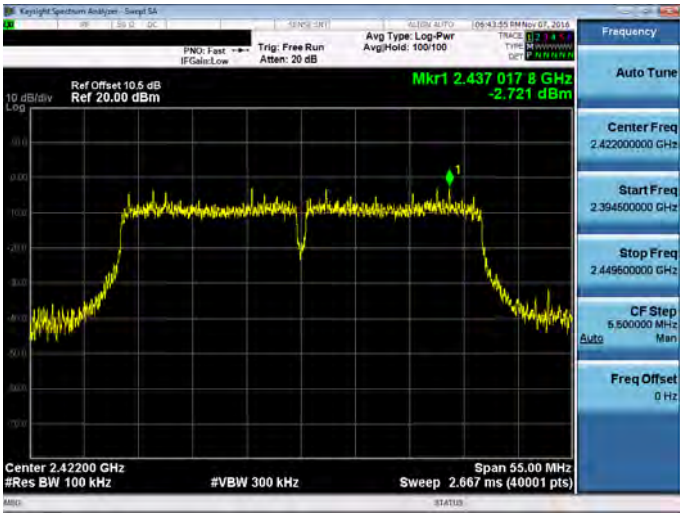
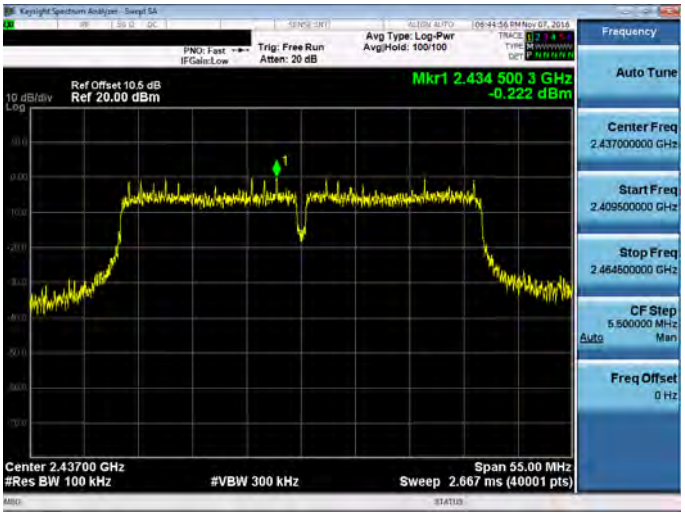
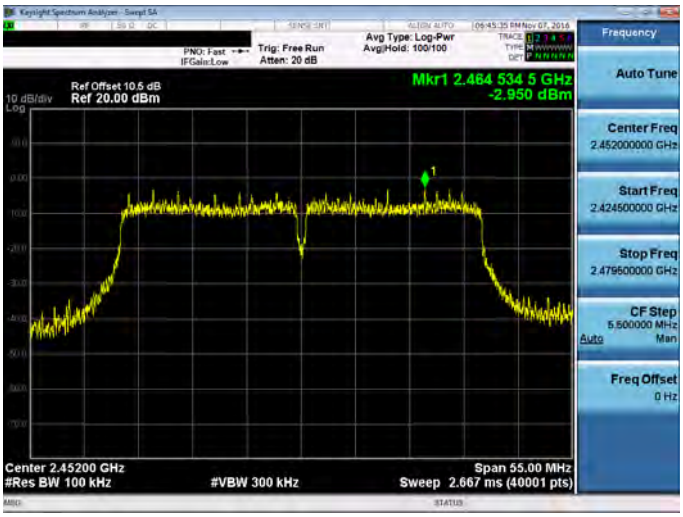
Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-0	
2422 MHz	
2452 MHz	

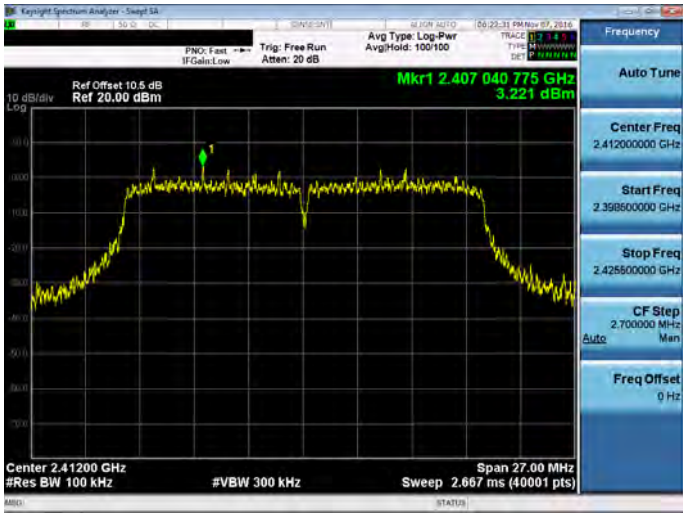
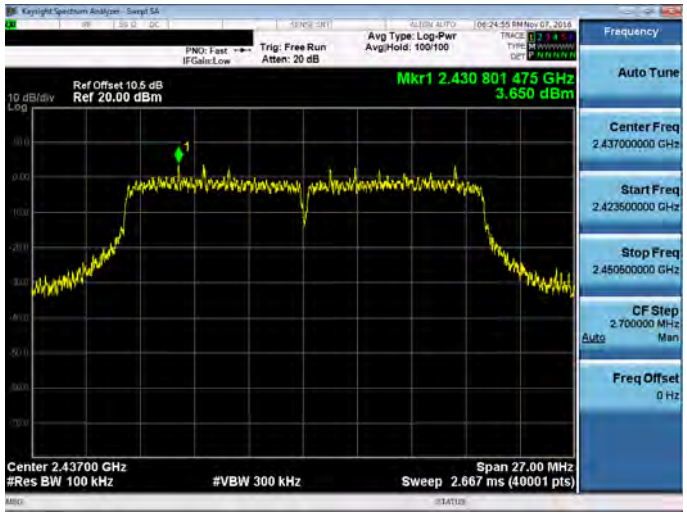
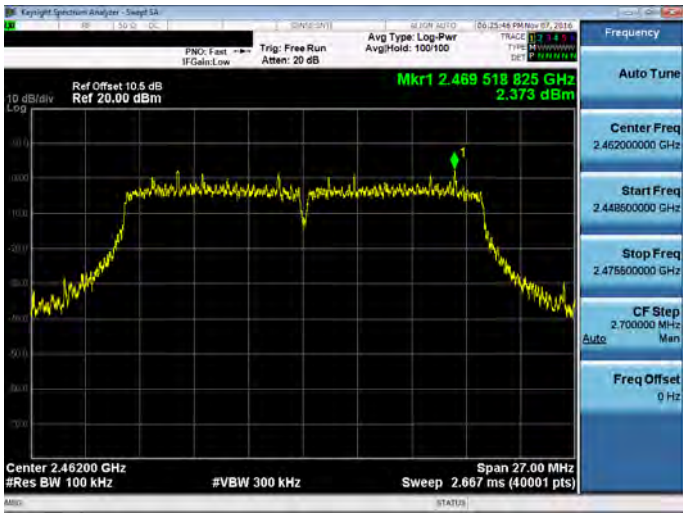
Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-1	
2412 MHz	
2462 MHz	

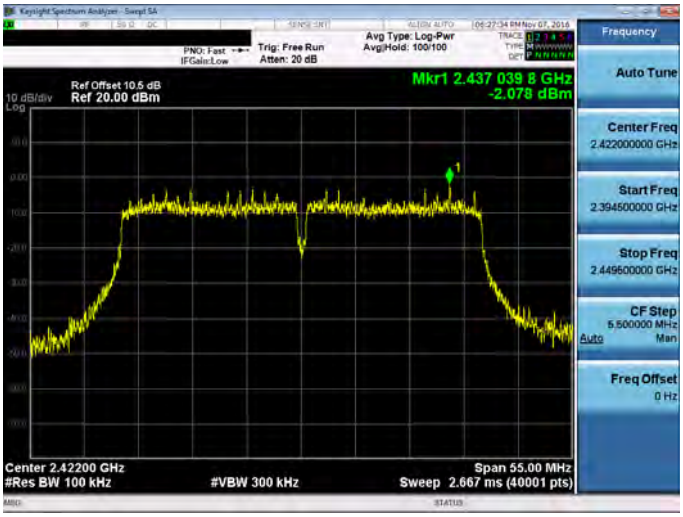
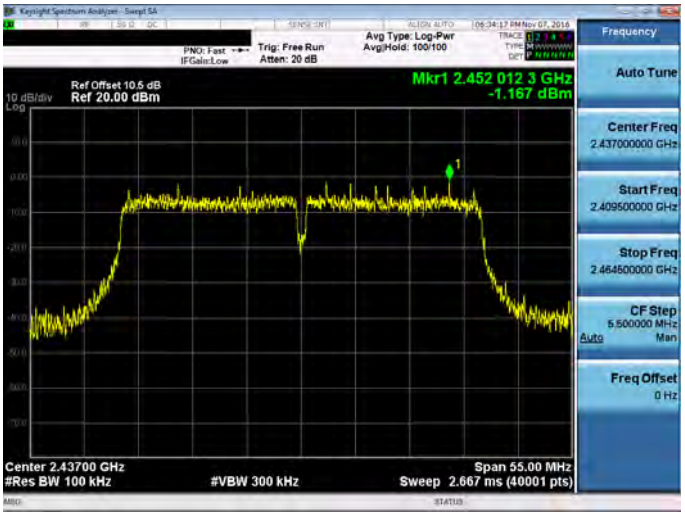
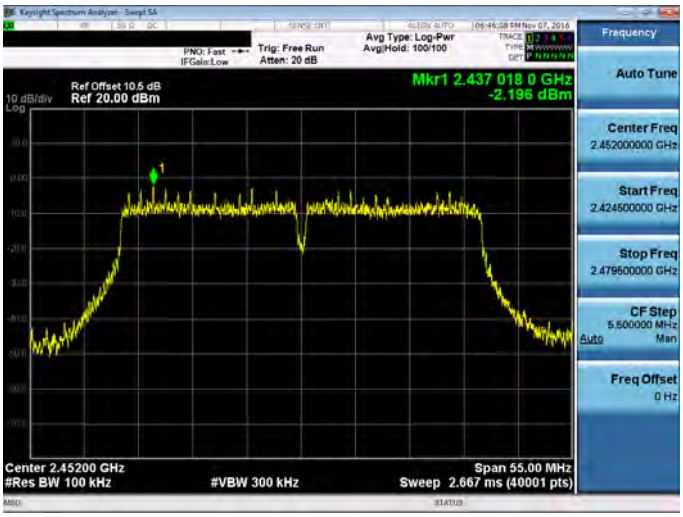
Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-1	
2422 MHz	
2452 MHz	

Reference level

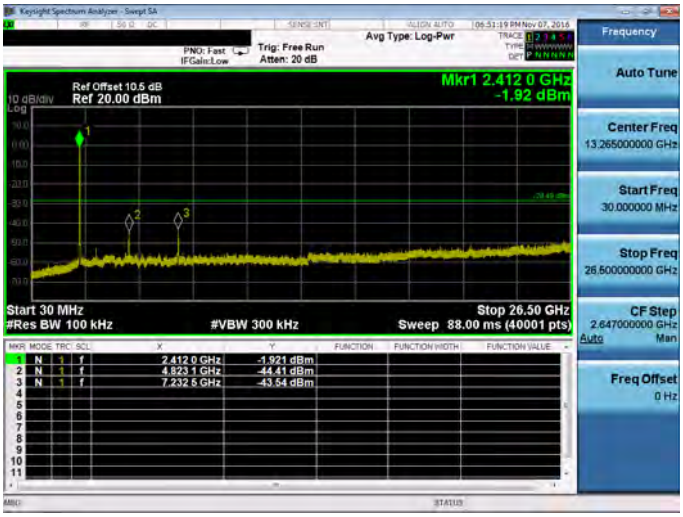
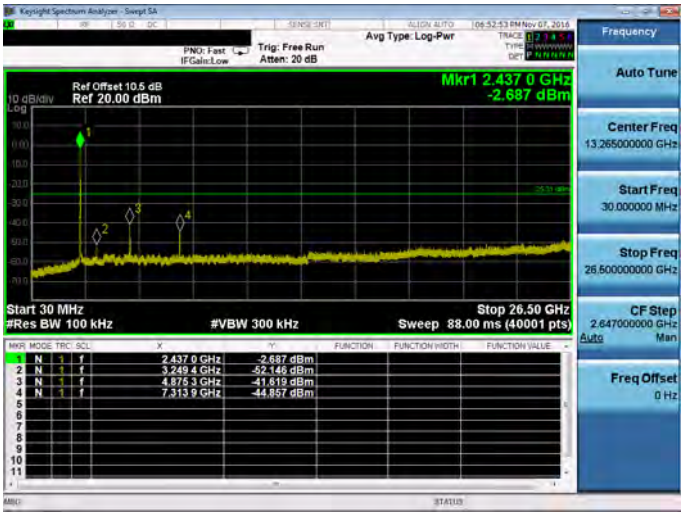
Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-0	
Beamforming on	
2412 MHz	
2437 MHz	
2462 MHz	

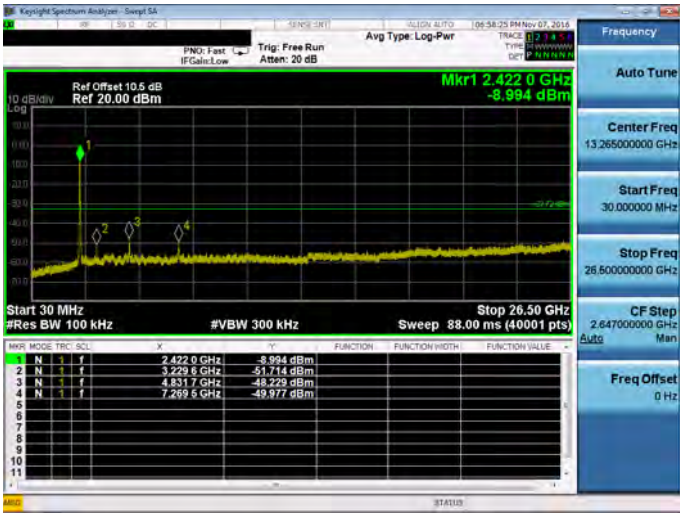
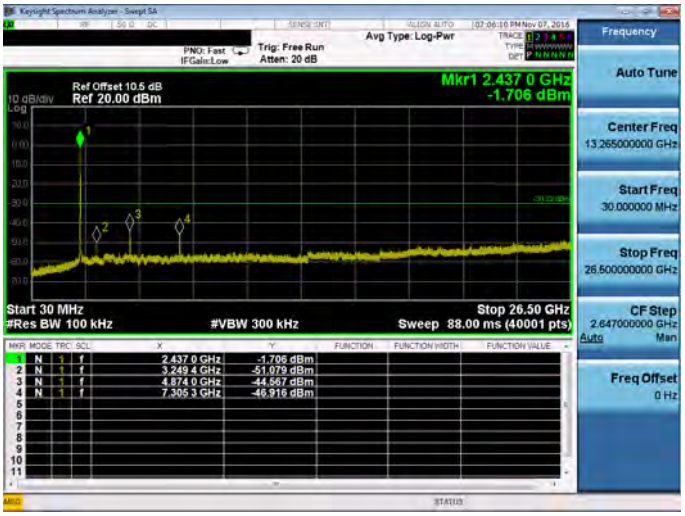
Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-0	
Beamforming on	
2422 MHz	
2437 MHz	
2452 MHz	

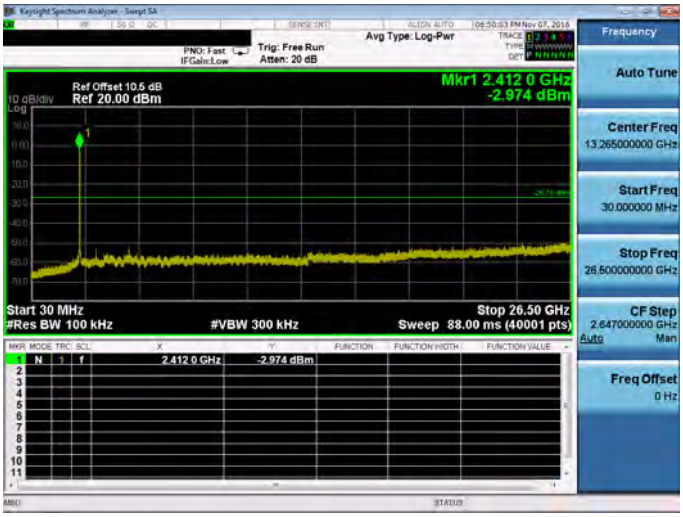
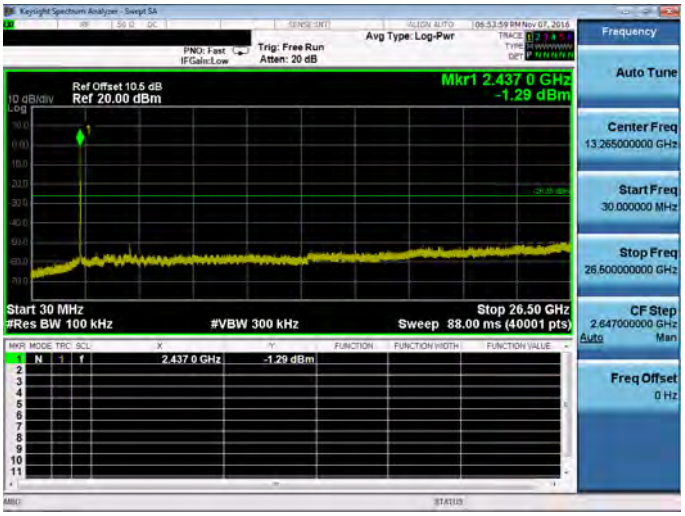
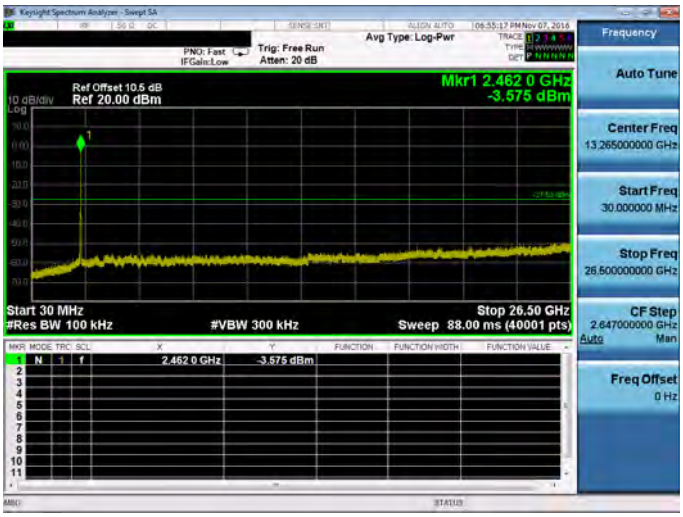
Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-1	
Beamforming on	
2412 MHz	
2437 MHz	
2462 MHz	

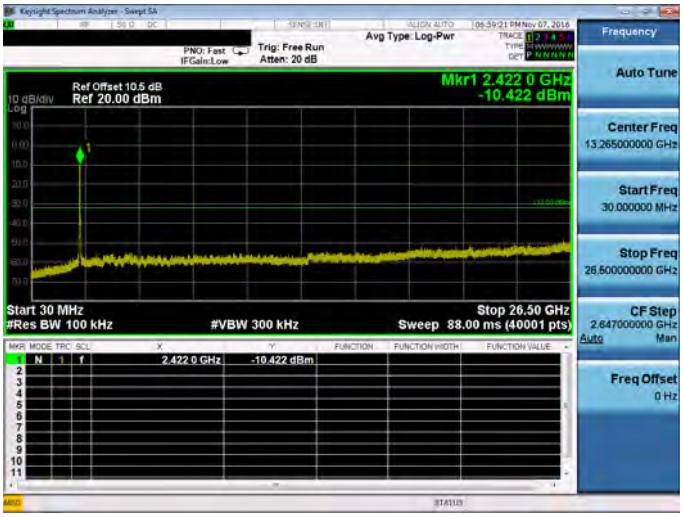
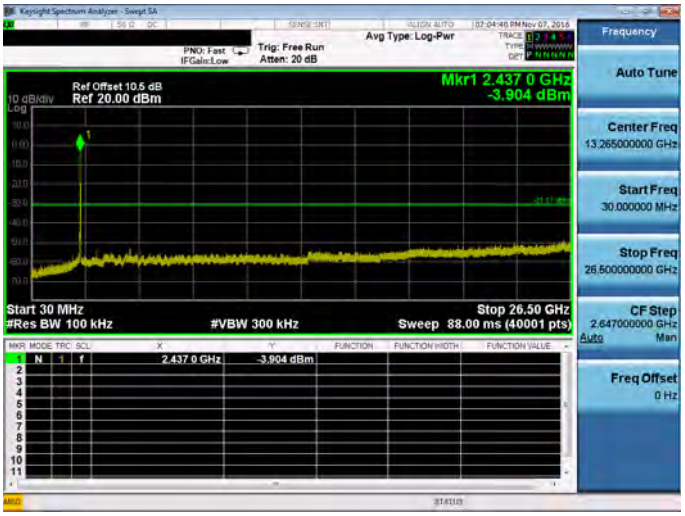
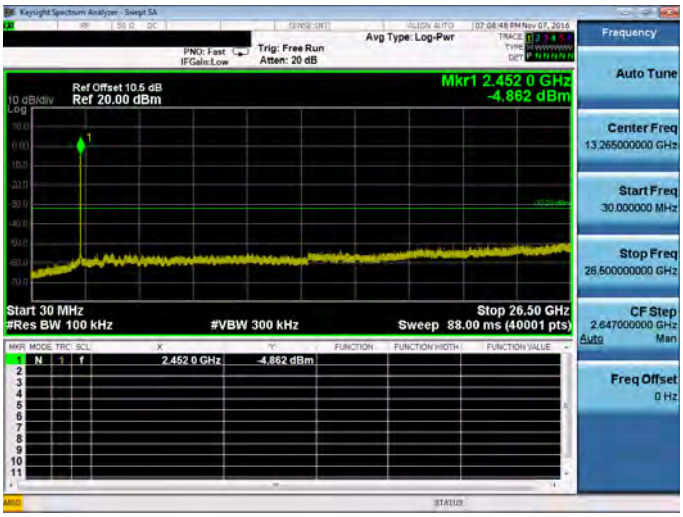
Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-1	
Beamforming on	
2422 MHz	
2437 MHz	
2452 MHz	

Out of Band Conducted Emissions

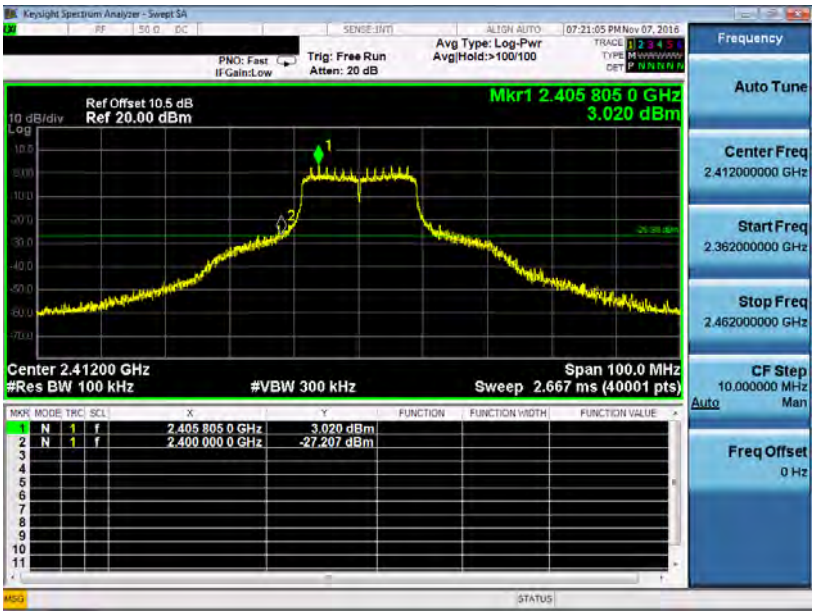
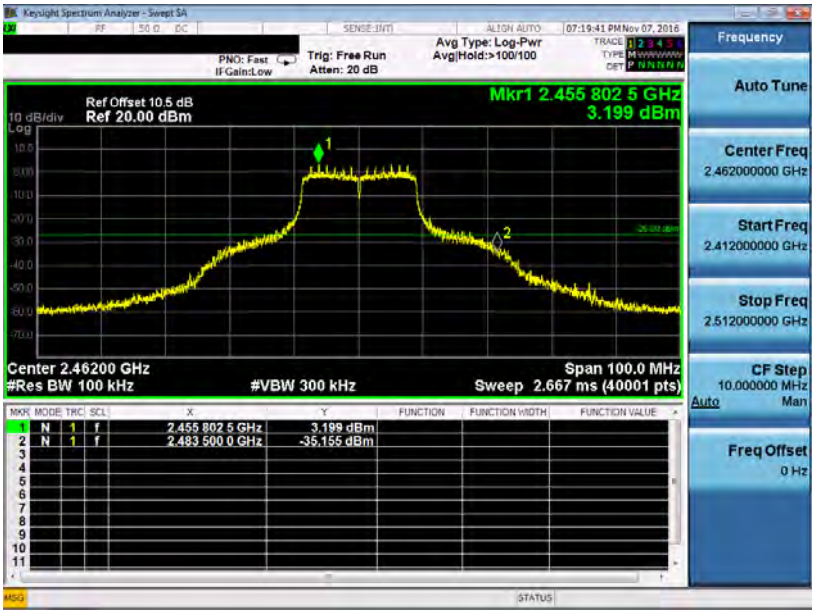
Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-0	
Beamforming on	
2412 MHz	
2437 MHz	
2462 MHz	

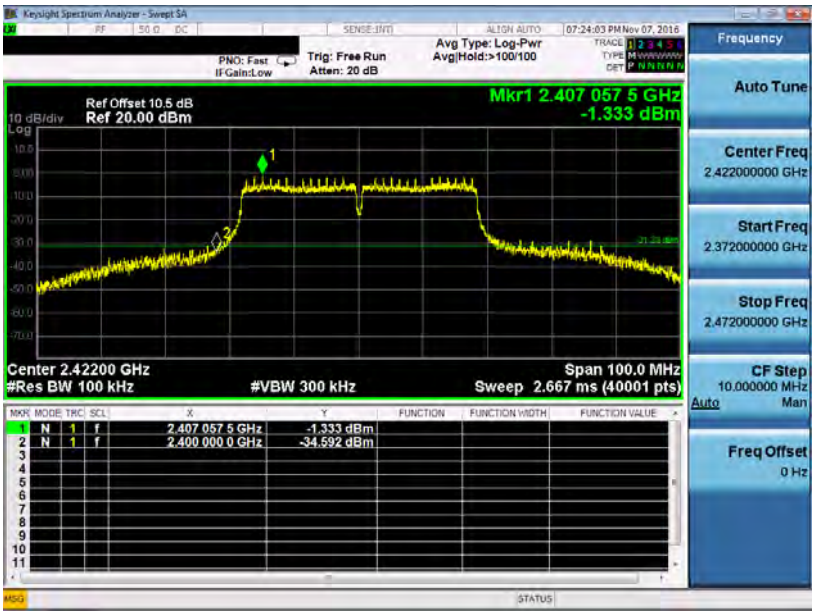
Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-0	
Beamforming on	
2422 MHz	
2437 MHz	
2452 MHz	

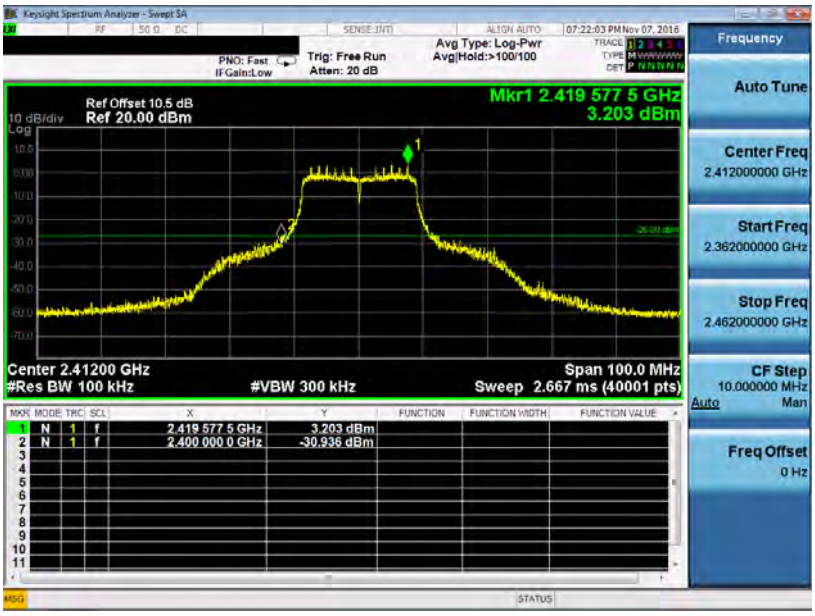
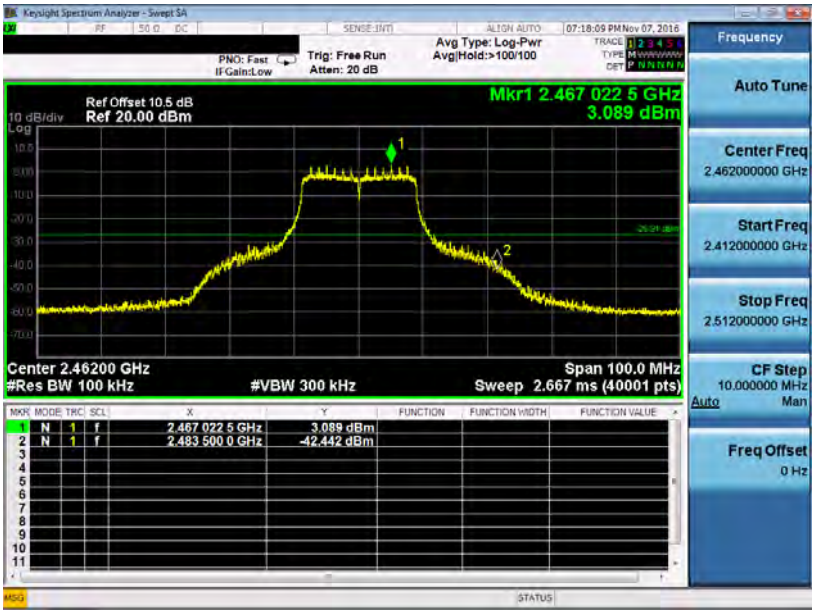
Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-1	
Beamforming on	
2412 MHz	
2437 MHz	
2462 MHz	

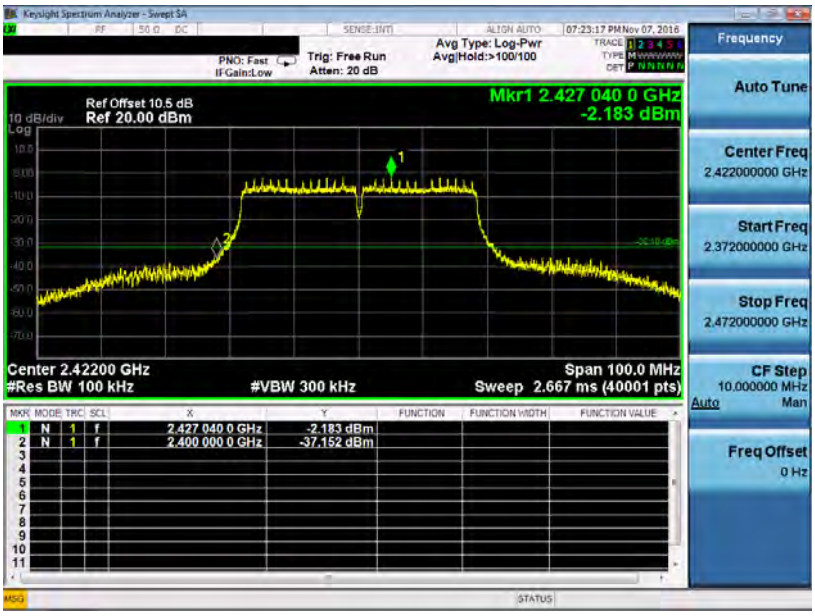
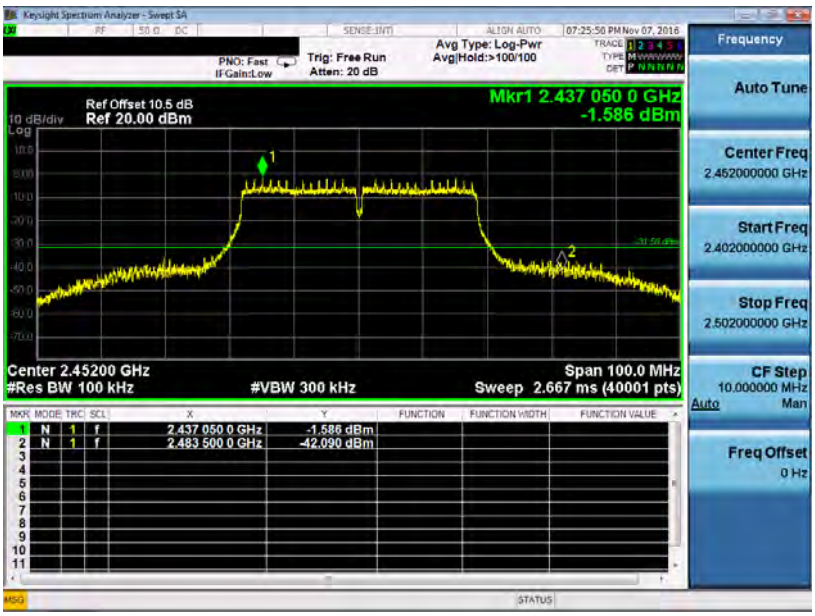
Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-1	
Beamforming on	
2422 MHz	
2437 MHz	
2452 MHz	

Conducted Band Edge

Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-0	
Beamforming on	
2412 MHz	
2462 MHz	

Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-0	
Beamforming on	
2422 MHz	
2452 MHz	

Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-1	
Beamforming on	
2412 MHz	
2462 MHz	

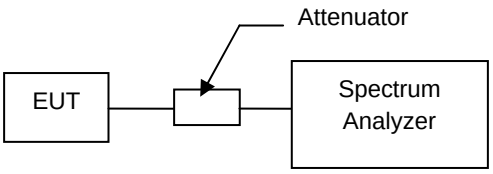
Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-1	
Beamforming on	
2422 MHz	
2452 MHz	

4.2.5 6dB頻寬之要求

合格標準:

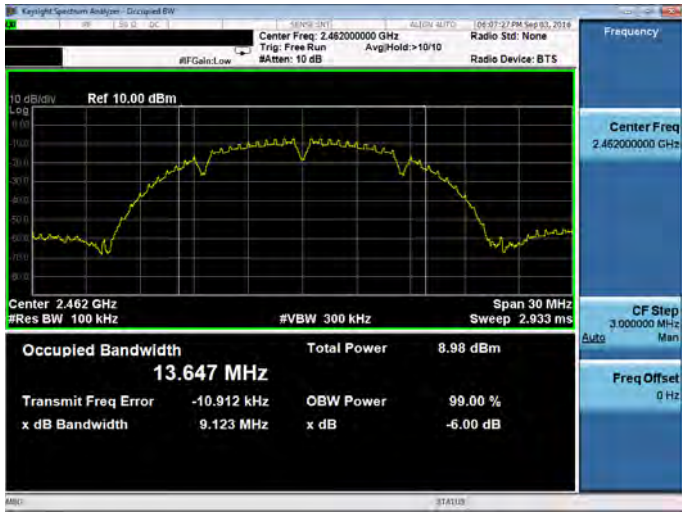
依據 NCC 低功率射頻電機技術規範 3.10.1.6(2)(A)節之要求，對使用數位調變技術(Digital Modulation Techniques)系統而言， 6dB 頻寬至少應有 500 千赫(kHz)。

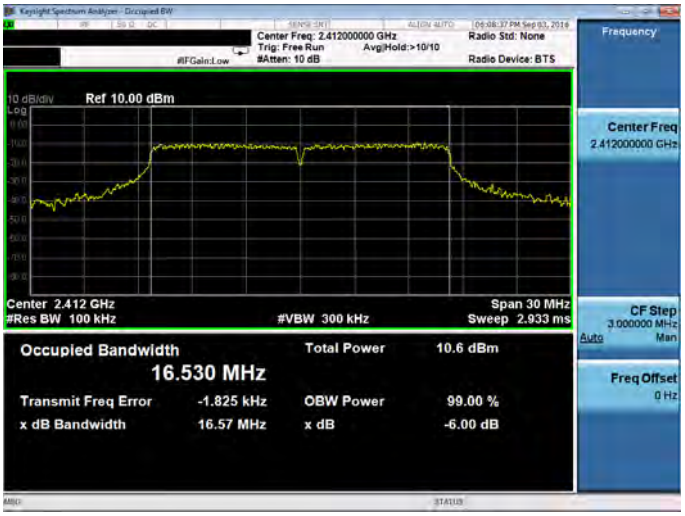
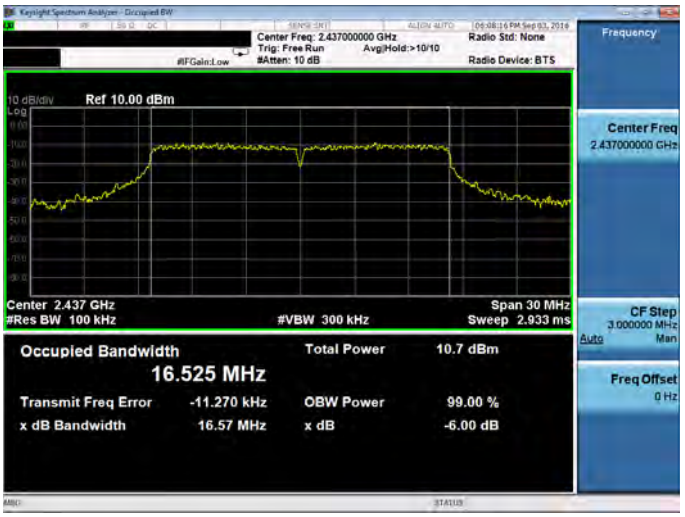
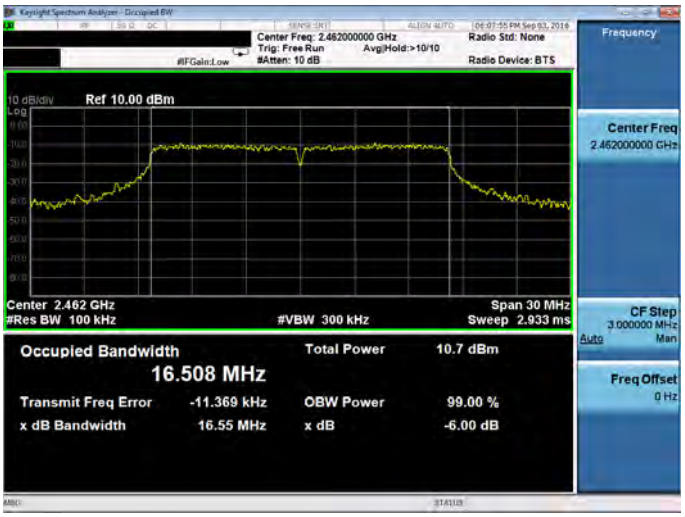
測試架構圖 :

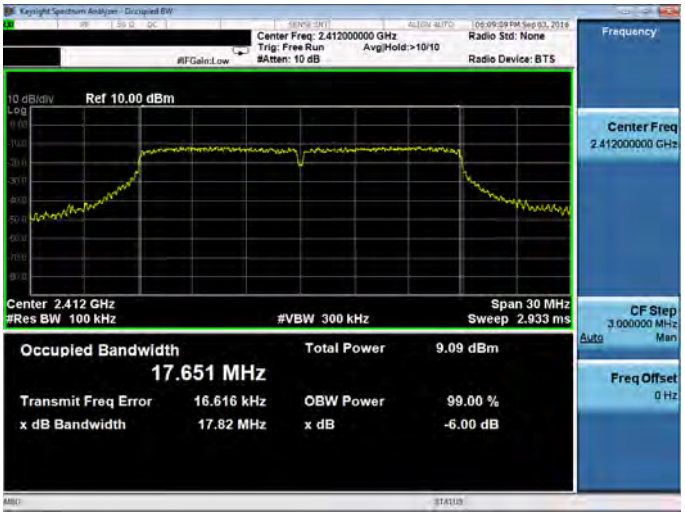
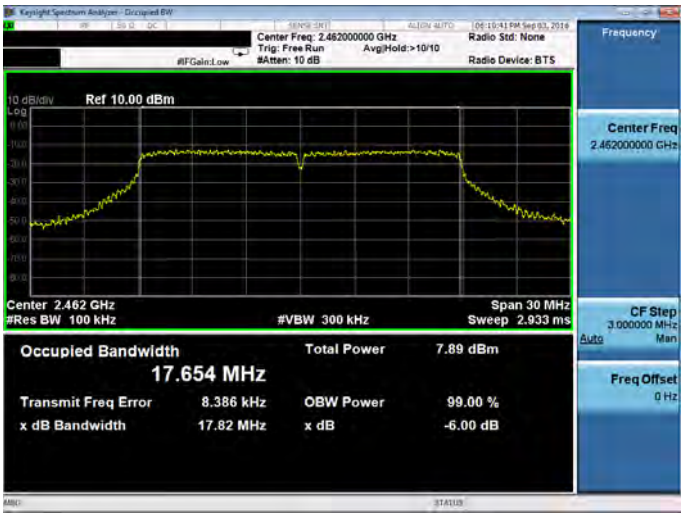


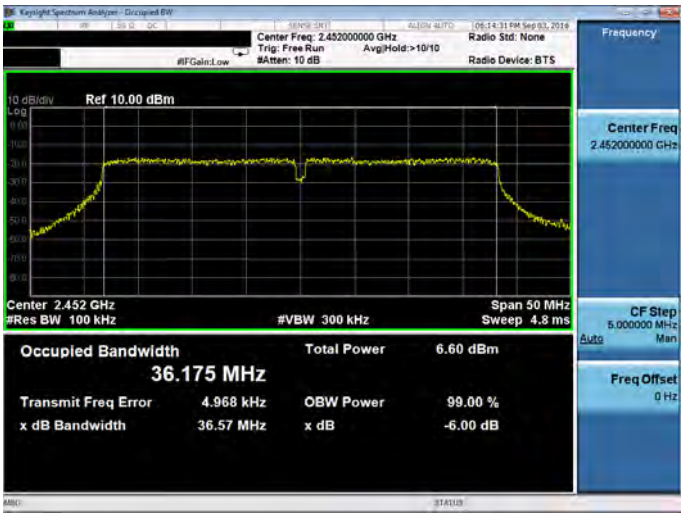
測試結果:

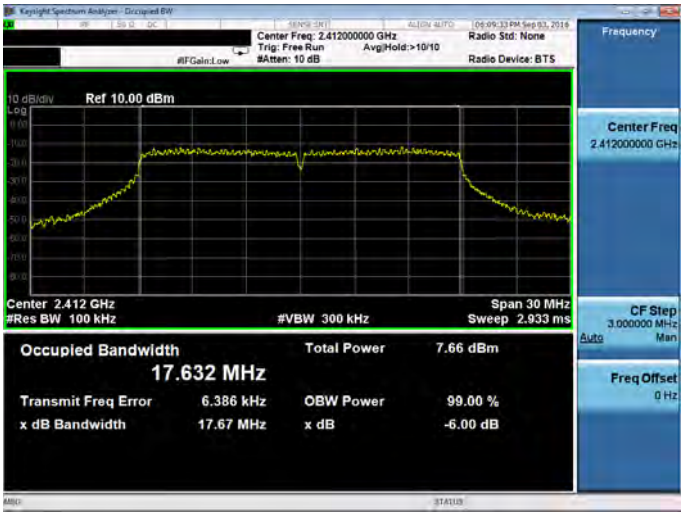
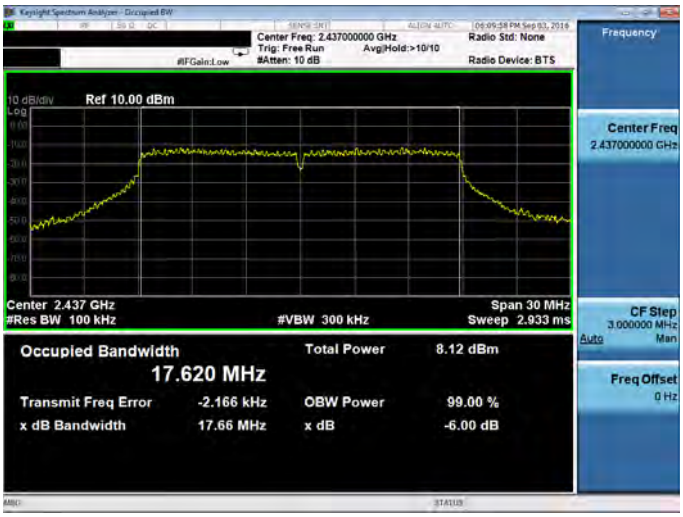
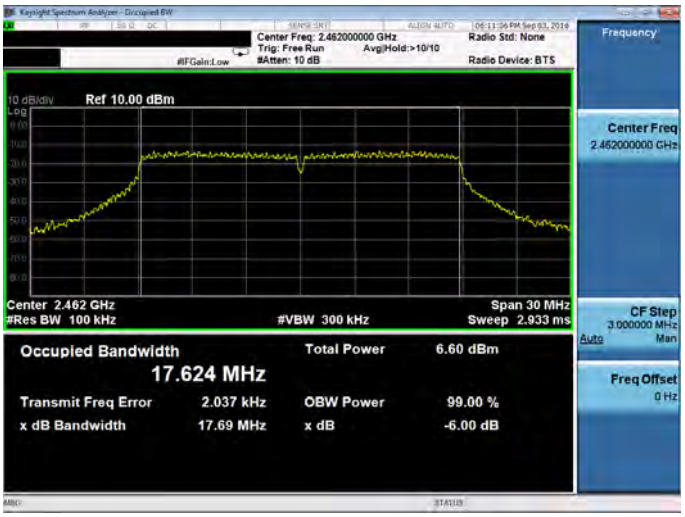
Model Number	EW-7822ULC			
Test Item	6dB RF Bandwidth			
Date of Test	09/03/2016, 11/07/2016			
Test Mode	Frequency (MHz)	Measurement (kHz)		Limit (kHz)
		ANT-0	ANT-1	
Mode 2	2412	9120	---	> 500
	2437	9123	---	> 500
	2462	9123	---	> 500
Mode 3	2412	16570	---	> 500
	2437	16570	---	> 500
	2462	16550	---	> 500
Mode 4	2412	17820	17670	> 500
	2437	17800	17660	> 500
	2462	17820	17690	> 500
Mode 5	2422	36550	36380	> 500
	2437	36510	36390	> 500
	2452	36570	36380	> 500
Beamforming on				
Test Mode	Frequency (MHz)	Measurement (kHz)		Limit (kHz)
		ANT-0	ANT-1	
Mode 4	2412	17560	17060	> 500
	2437	17540	16810	> 500
	2462	17300	17040	> 500
Mode 5	2422	35860	35780	> 500
	2437	36280	35490	> 500
	2452	36270	35550	> 500
測試掃描圖請參考下頁。				

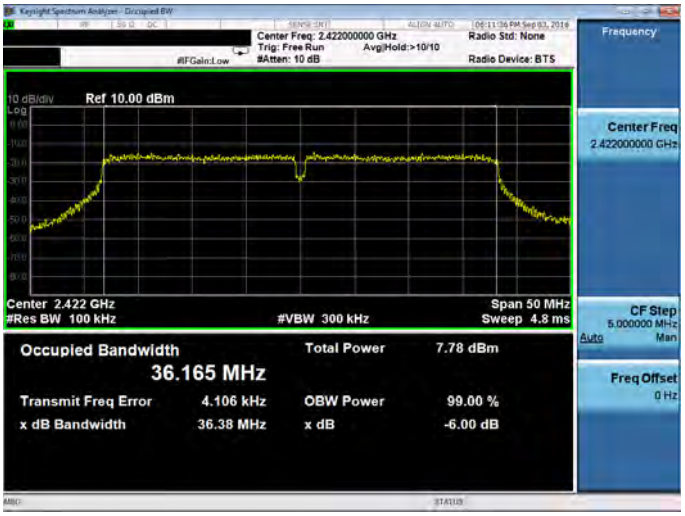
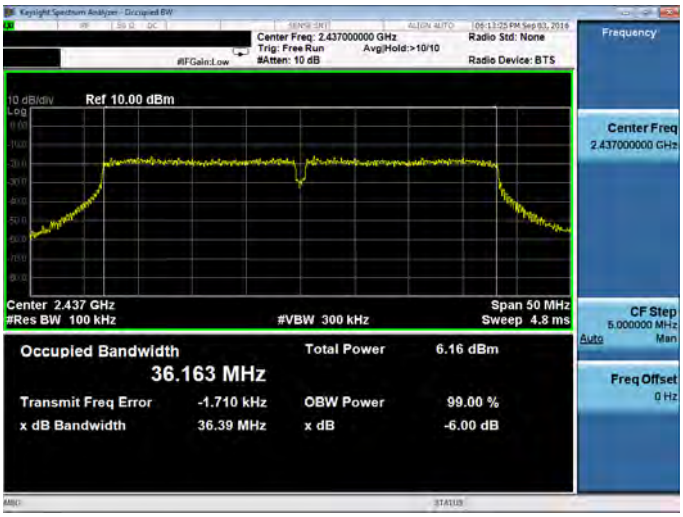
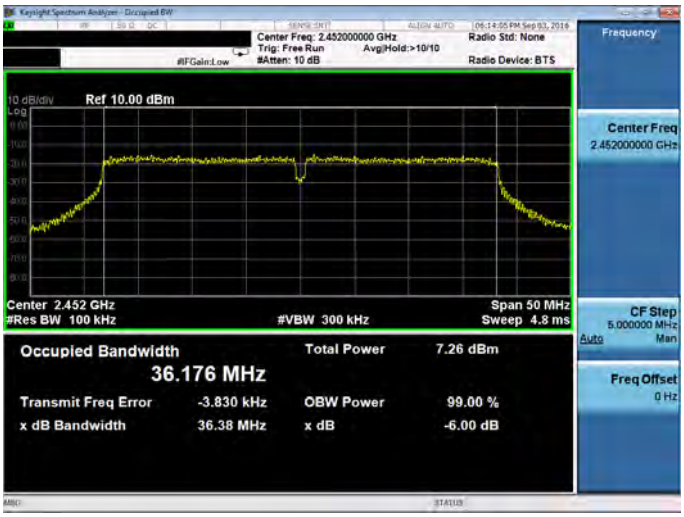
Mode 2: IEEE 802.11b_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

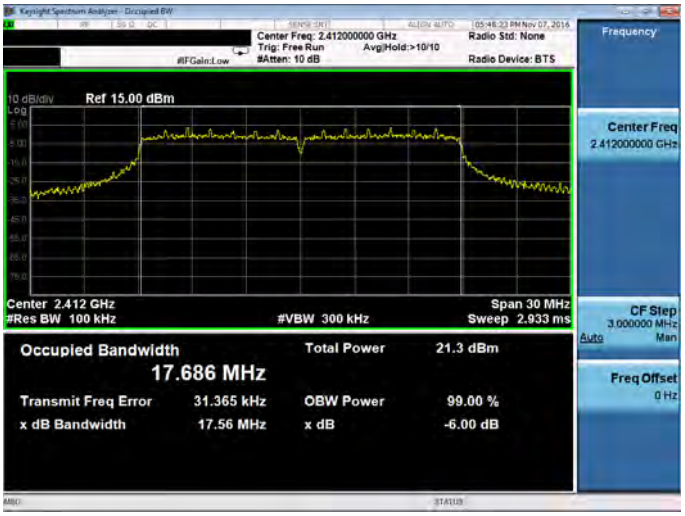
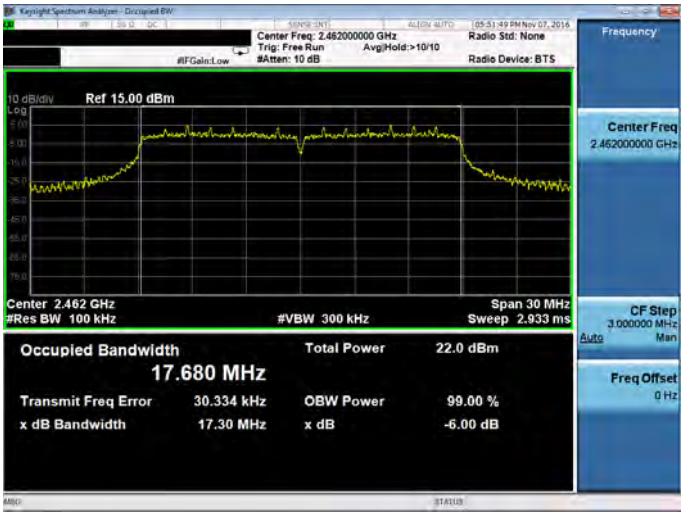
Mode 3: IEEE 802.11g_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

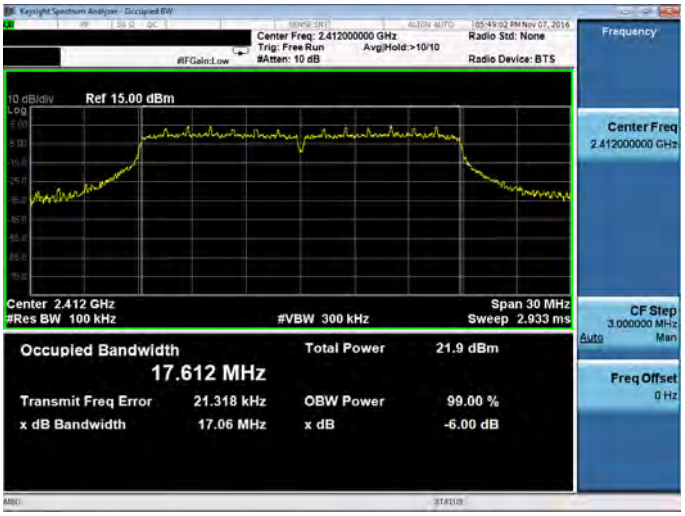
Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-0	
2422 MHz	
2437 MHz	
2452 MHz	

Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-1	
2412 MHz	
2437 MHz	
2462 MHz	

Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-1	
2422 MHz	
2437 MHz	
2452 MHz	

Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-0	
Beamforming on	
2412 MHz	
2437 MHz	
2462 MHz	

Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-0	
Beamforming on	
2422 MHz	
2437 MHz	
2452 MHz	

Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-1	
Beamforming on	
2412 MHz	
2437 MHz	
2462 MHz	

Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-1	
Beamforming on	
2422 MHz	
2437 MHz	
2452 MHz	

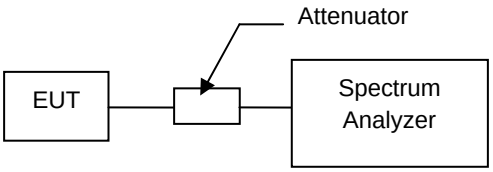
4.2.6 峰值發射電功率密度之要求

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.6(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 3kHz 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 8dBm(複合系統時, 關閉跳頻作業狀態檢驗)。

測試架構圖 :

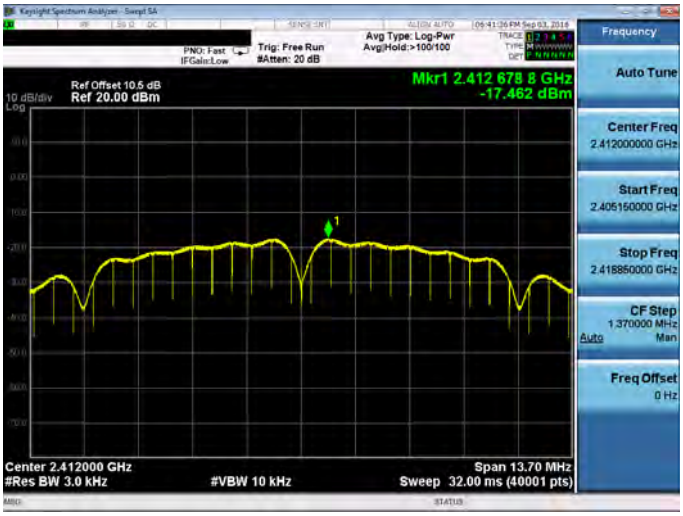
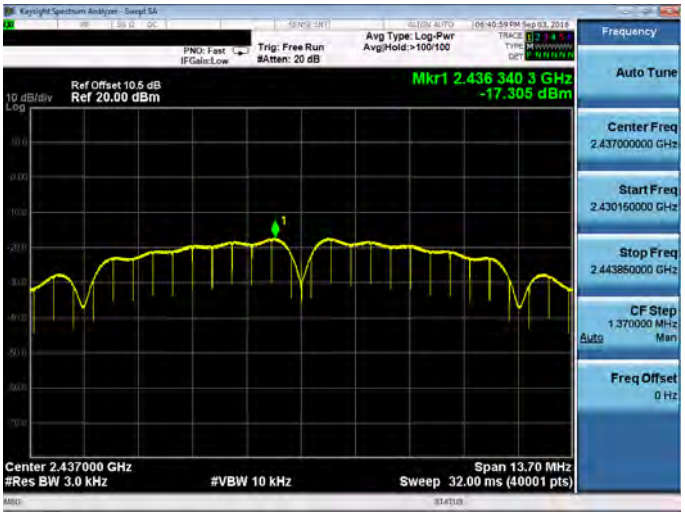
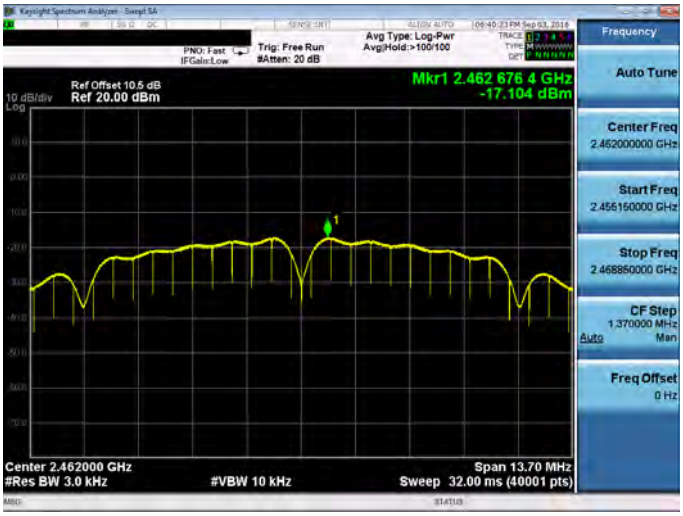
測試場地測試配置如圖所示。

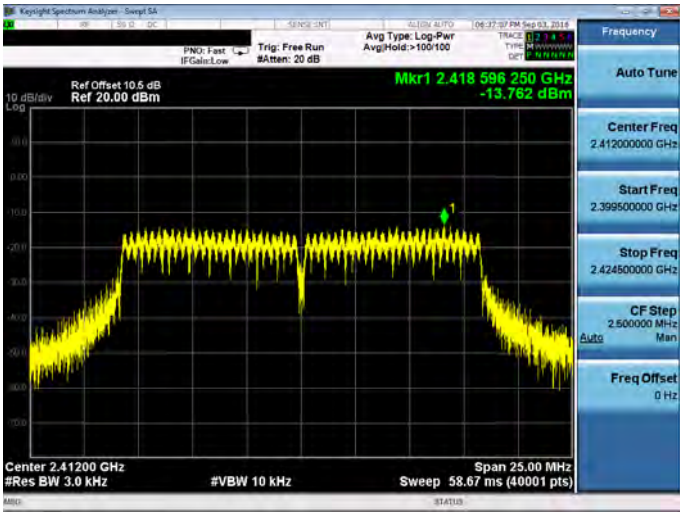
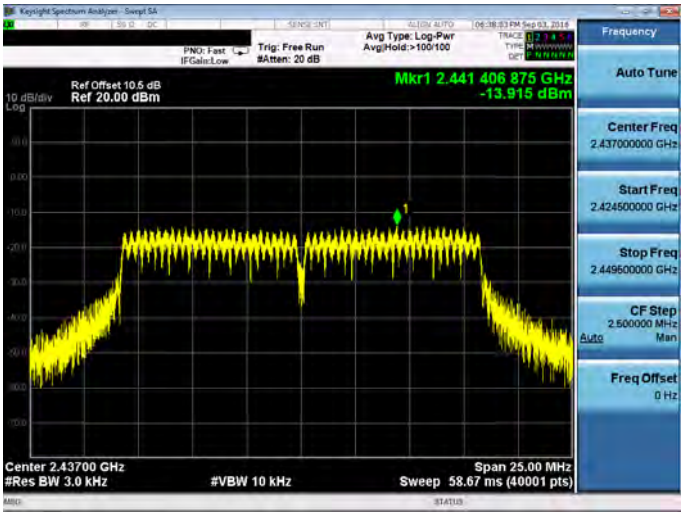
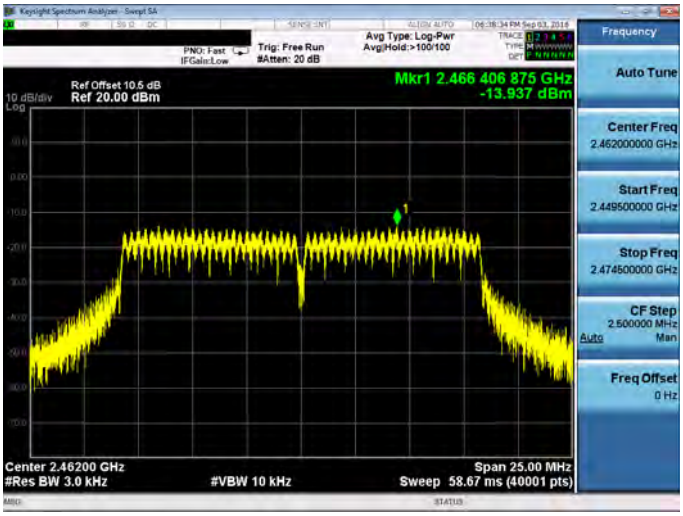


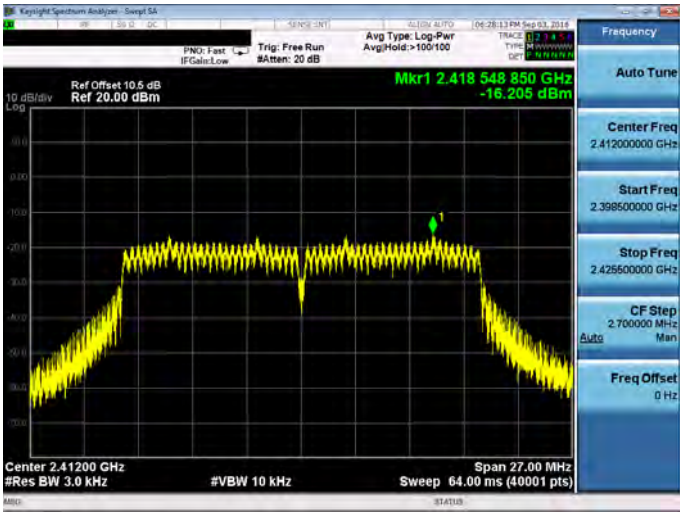
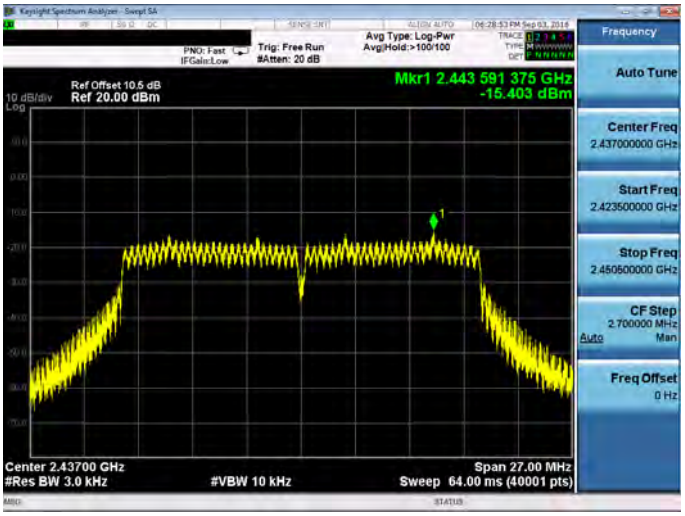
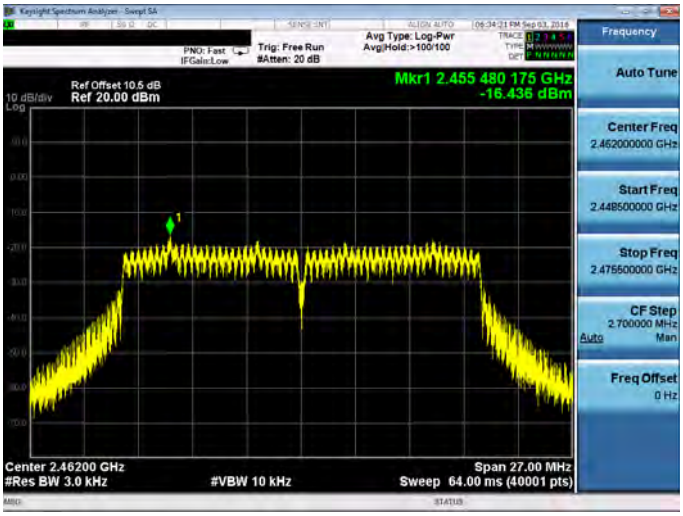
測試結果:

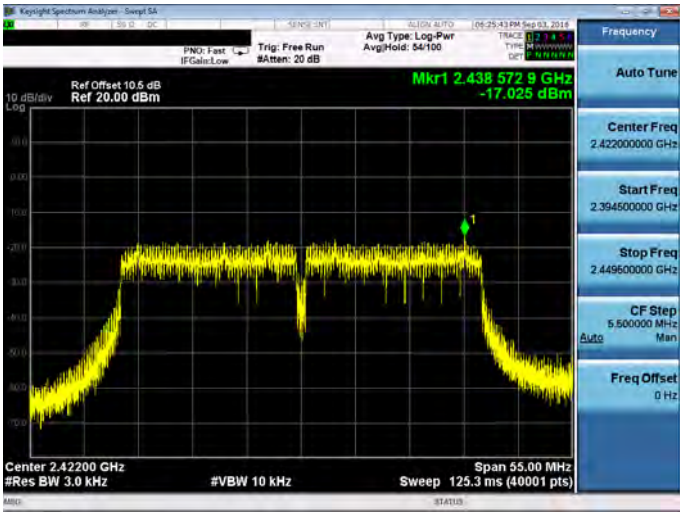
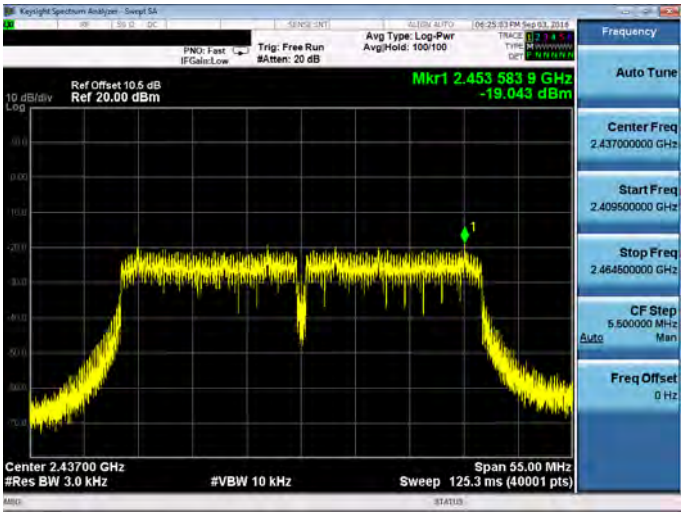
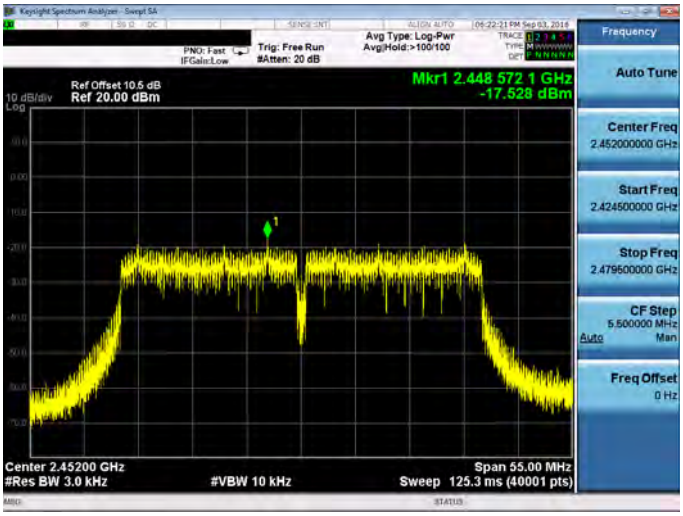
Model Number	EW-7822ULC				
Test Item	Maximum Power Density				
Date of Test	09/03/2016, 11/07/2016				
Test Mode	Frequency (MHz)	Measurement (dBm/3KHz)			Limit (dBm/3KHz)
		ANT-0	ANT-1	ANT-0+1	
Mode 2	2412	-17.462	---	---	< 8
	2437	-17.305	---	---	< 8
	2462	-17.104	---	---	< 8
Mode 3	2412	-13.762	---	---	< 8
	2437	-13.915	---	---	< 8
	2462	-13.937	---	---	< 8
Mode 4	2412	-16.205	-15.334	-12.737	< 8
	2437	-15.403	-16.283	-12.810	< 8
	2462	-16.436	-15.650	-13.015	< 8
Mode 5	2422	-17.025	-18.495	-14.688	< 8
	2437	-19.043	-18.862	-15.941	< 8
	2452	-17.528	-18.595	-15.019	< 8
Beamforming on					
Test Mode	Frequency (MHz)	Measurement (dBm/3KHz)			Limit (dBm/3KHz)
		ANT-0	ANT-1	ANT-0+1	
Mode 4	2412	-10.264	-9.500	-6.855	< 8
	2437	-9.152	-8.731	-5.926	< 8
	2462	-8.977	-10.698	-6.743	< 8
Mode 5	2422	-14.550	-15.607	-12.036	< 8
	2437	-11.441	-13.278	-9.253	< 8
	2452	-15.029	-13.812	-11.368	< 8

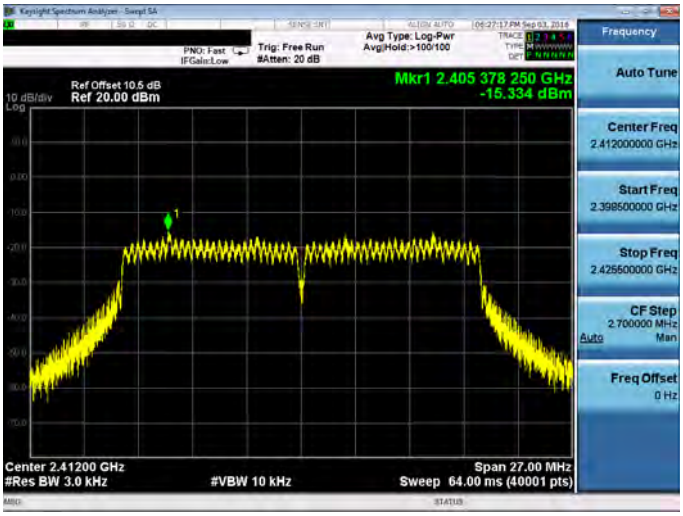
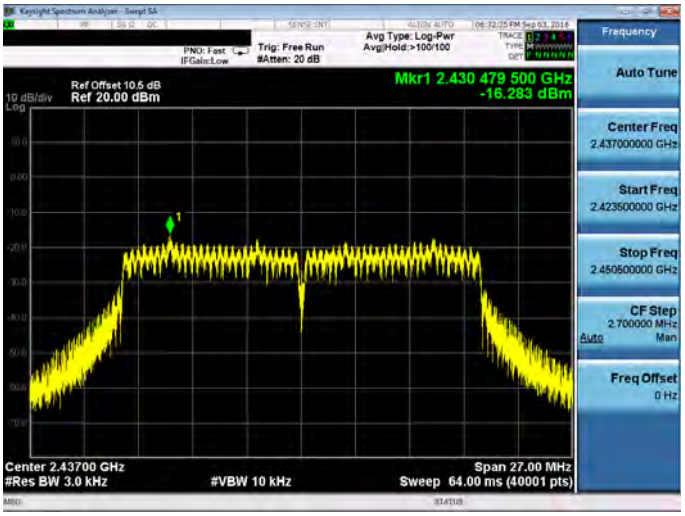
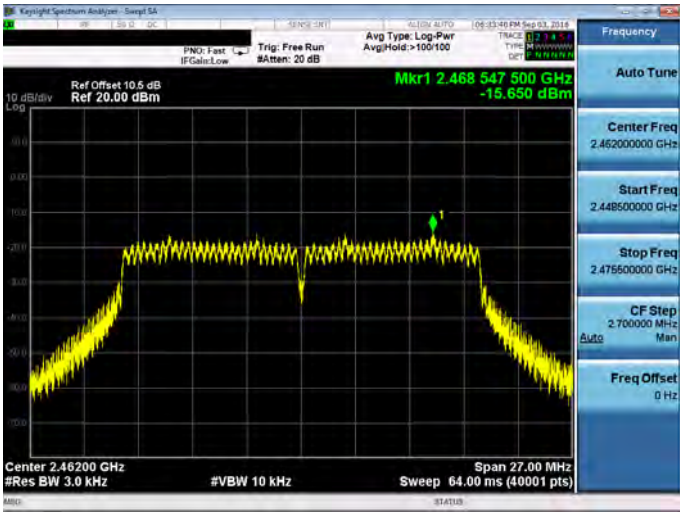
Test Result

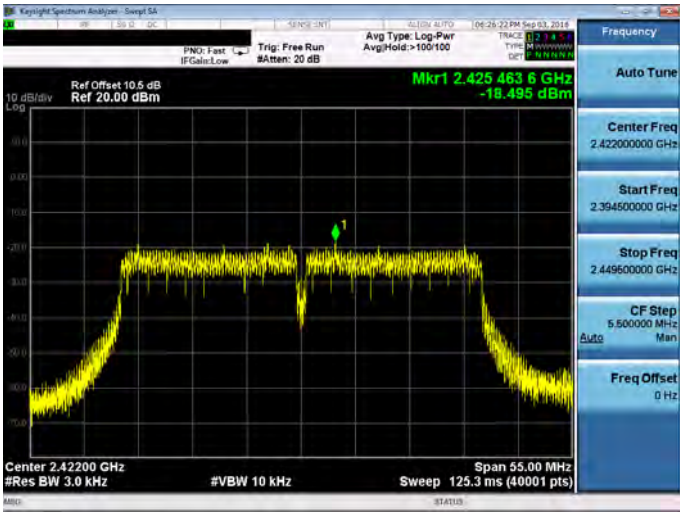
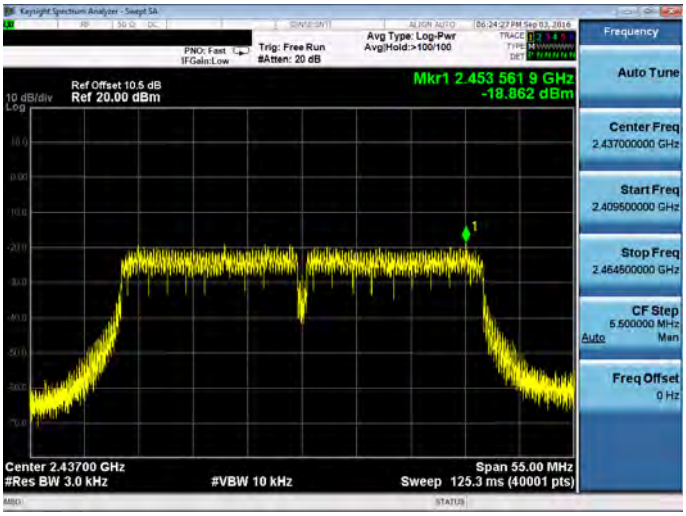
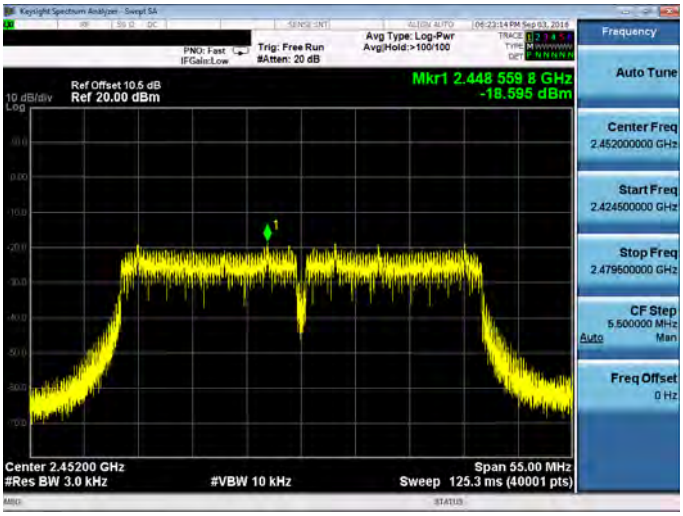
Mode 2: IEEE 802.11b_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

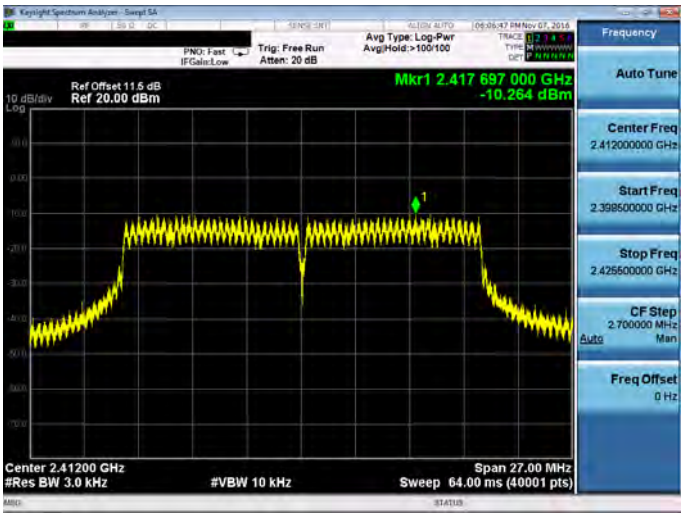
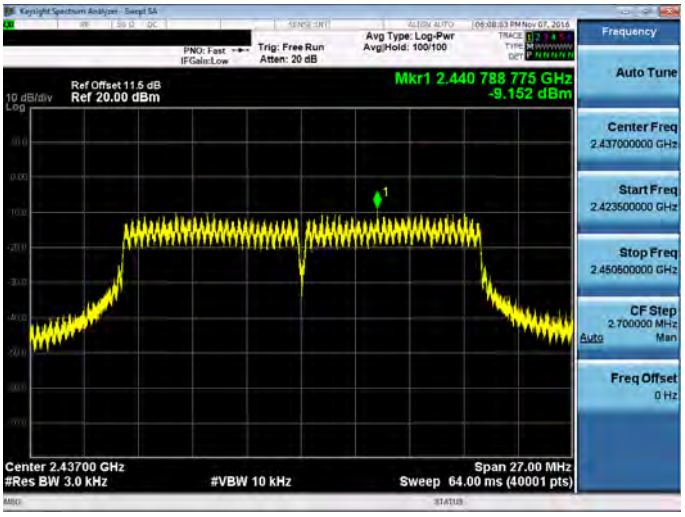
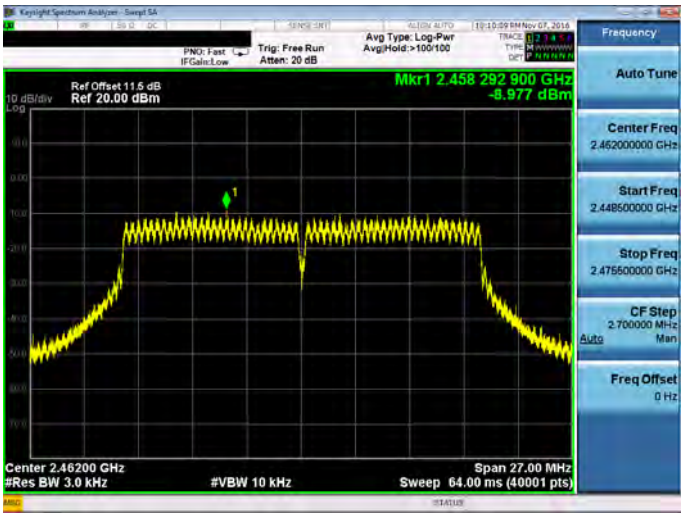
Mode 3: IEEE 802.11g_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

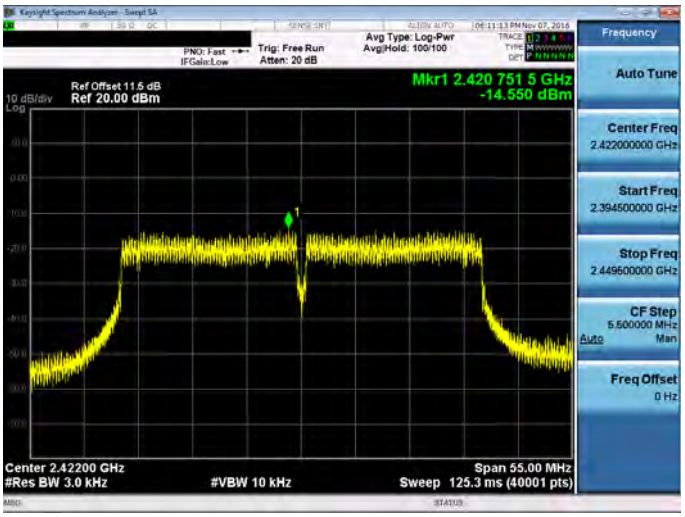
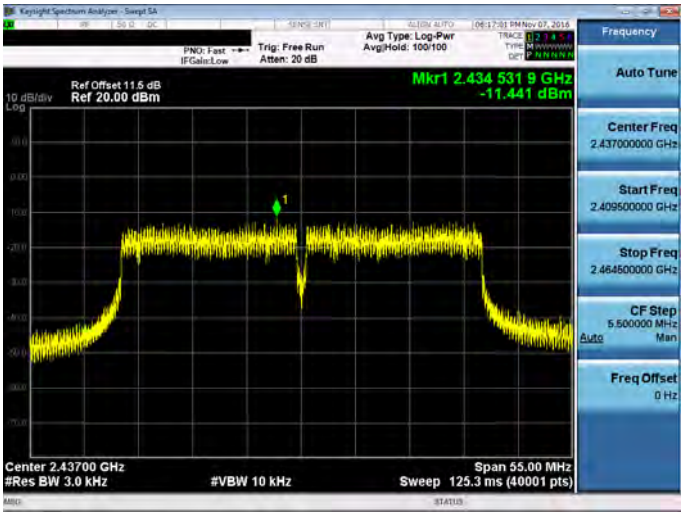
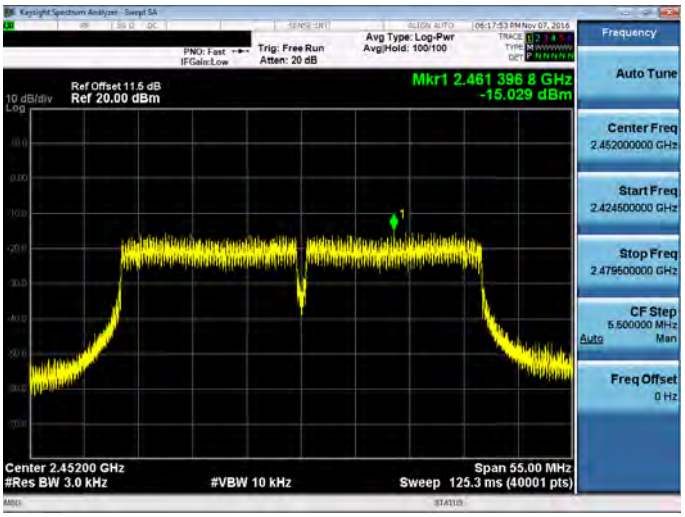
Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-0	
2412 MHz	
2437 MHz	
2462 MHz	

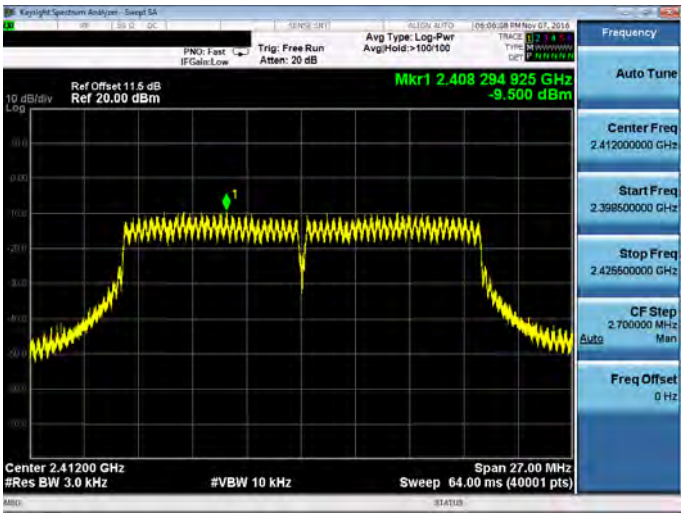
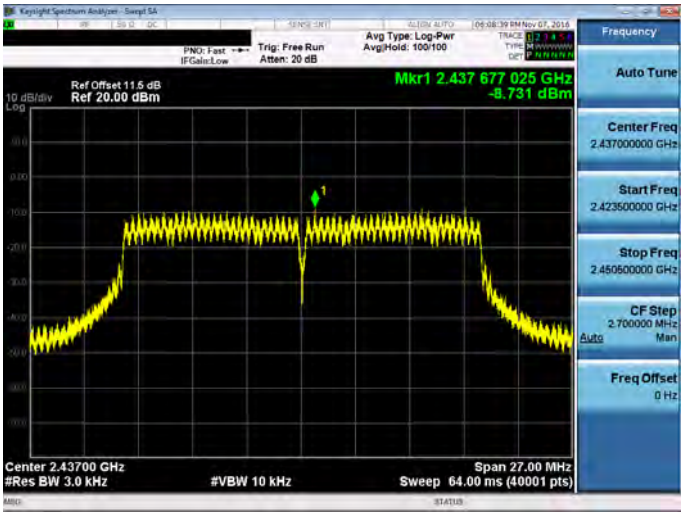
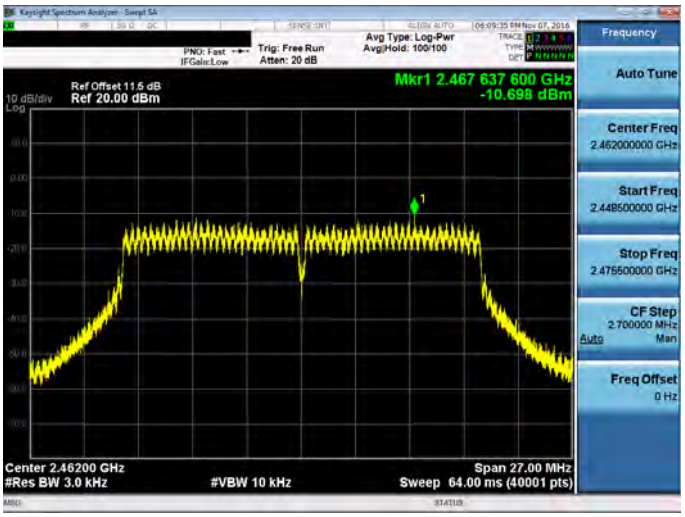
Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-0	
2422 MHz	
2437 MHz	
2452 MHz	

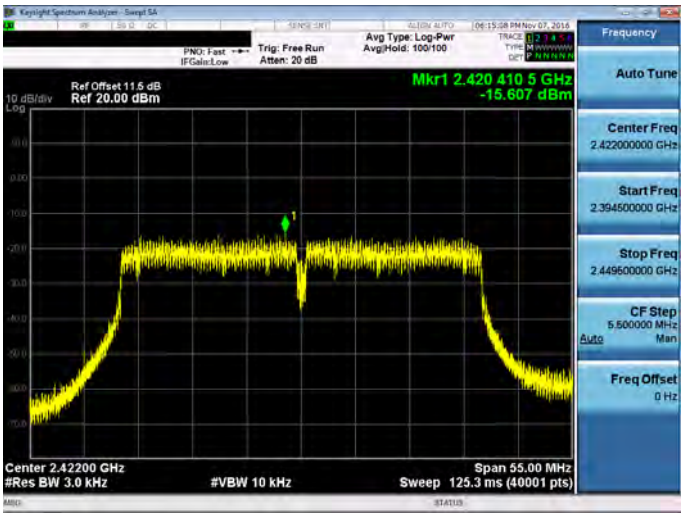
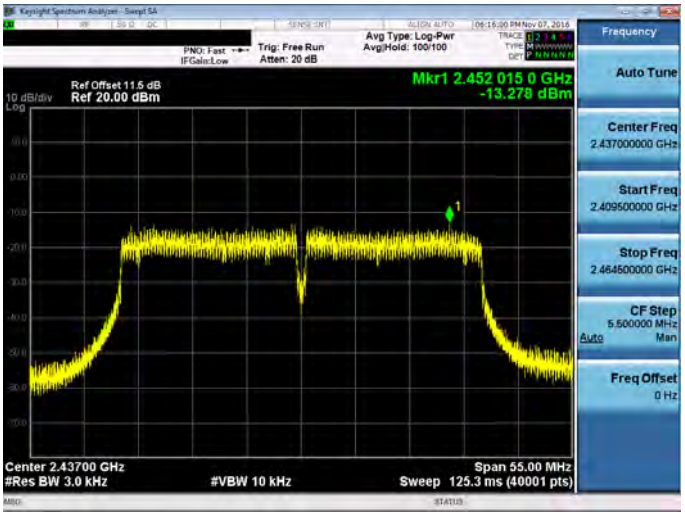
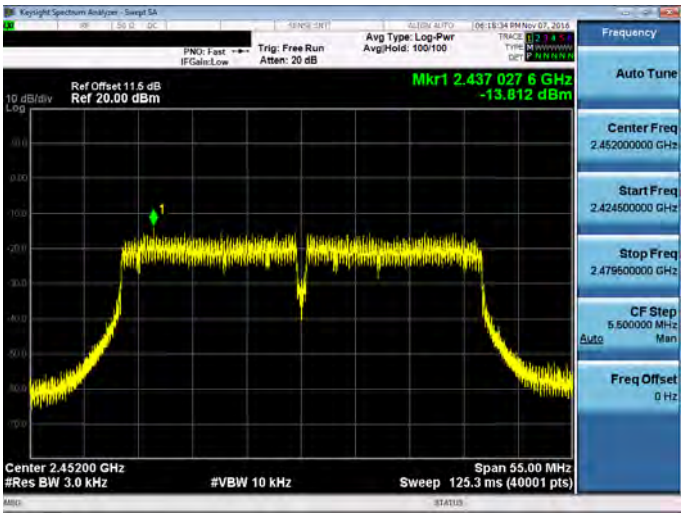
Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-1	
2412 MHz	
2437 MHz	
2462 MHz	

Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-1	
2422 MHz	
2437 MHz	
2452 MHz	

Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-0	
Beamforming on	
2412 MHz	
2437 MHz	
2462 MHz	

Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-0	
Beamforming on	
2422 MHz	
2437 MHz	
2452 MHz	

Mode 4: IEEE 802.11n 2.4GHz 20MHz_ANT-1	
Beamforming on	
2412 MHz	
2437 MHz	
2462 MHz	

Mode 5: IEEE 802.11n 2.4GHz 40MHz_ANT-1	
Beamforming on	
2422 MHz	
2437 MHz	
2452 MHz	

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)以證明其符電波暴露量之要求。限制值如下：

(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：百萬赫(MHz)。

(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)
0.3-3.0	614	1.63	*100	30
3-30	1842/f	4.89/f	$*180/f^2$	30
30-300	27.5	0.073	1.0	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：百萬赫(MHz)。

判定結果:

Band	Frequency (MHz)	Limit (mW/cm^2)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm^2)
IEEE 802.11b	2412	1	20	14.25	1.81	1.52	1	40.443	0.0080
	2437	1	20	14.23	1.81	1.52	1	40.257	0.0080
	2462	1	20	14.45	1.81	1.52	1	42.349	0.0084
IEEE 802.11g	2412	1	20	14.62	1.81	1.52	1	44.040	0.0088
	2437	1	20	16.26	1.81	1.52	1	64.246	0.0128
	2462	1	20	14.20	1.81	1.52	1	39.980	0.0080
IEEE 802.11n 2.4GHz 20MHz	2412	1	20	18.46	1.81	1.52	1	106.633	0.0212
	2437	1	20	18.48	1.81	1.52	1	107.121	**0.0213**
	2462	1	20	18.44	1.81	1.52	1	106.139	0.0211
IEEE 802.11n 2.4GHz 40MHz	2422	1	20	18.34	1.81	1.52	1	103.615	0.0206
	2437	1	20	18.43	1.81	1.52	1	105.902	0.0211
	2452	1	20	18.48	1.81	1.52	1	106.998	0.0213
Beamforming on									
Band	Frequency (MHz)	Limit (mW/cm^2)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm^2)
IEEE 802.11n 2.4GHz 20MHz	2412	1	20	17.12	1.81	1.52	1	78.328	0.0156
	2437	1	20	19.07	1.81	1.52	1	122.607	**0.0244**
	2462	1	20	17.99	1.81	1.52	1	95.696	0.0190
IEEE 802.11n 2.4GHz 40MHz	2422	1	20	16.92	1.81	1.52	1	74.805	0.0149
	2437	1	20	18.15	1.81	1.52	1	99.321	0.0198
	2452	1	20	15.39	1.81	1.52	1	52.587	0.0105

4.3 5GHz 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 低功率射頻電機技術規範(LP0002)之落於第 2.7 節禁用頻段之輻射發射，應符合第 2.8 節之規定。

依據 NCC 低功率射頻電機技術規範第 2.7 節之規定,禁用頻段如下：

頻率(MHz)	頻率(MHz)	頻率(MHz)	頻率(MHz)
0.090～0.110	108.00～138.00	1660.0～1770.0	8025.0～8500.0
0.490～0.510	149.90～150.05	1805.0～1865.0	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	2015.0～2025.0	13250～13400
5.670～5.690	240.00～285.00	2125.0～2165.0	14470～14500
6.200～6.300	322.00～335.40	2200.0～2300.0	15350～16200
8.230～8.400	399.90～410.00	2310.0～2390.0	17700～21400
12.265～12.600	485.00～510.00	2483.5～2900.0	22010～23120
13.340～13.430	608.00～614.00	3260.0～3267.0	23600～24000
14.965～15.020	703.00～748.00	3332.0～3339.0	31200～31800
16.700～16.755	758.00～803.00	3345.8～3358.0	36430～36500
19.965～20.020	825.00～915.00	3500.0～4400.0	38600 以上
25.500～25.700	930.00～1240.0	4500.0～5250.0	
37.475～38.275	1300.0～1427.0	5350.0～5460.0	
73.500～75.400	1435.0～1626.5	7250.0～7750.0	

依據 NCC 低功率射頻電機技術規範第 2.8 節之規定,除本規範各章節另有放寬規定者外，其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。各頻段重疊處，以較嚴格之限制值為準。

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

非必要頻帶合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.4 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)≦ -27dBm/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)≦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)≦27 dBm/MHz 線性減少至有效等向輻射功率(EIRP)≦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)≦15.6 dBm/MHz 線性減少至有效等向輻射功率(EIRP)≦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)≦10 dBm/MHz 線性減少至有效等向輻射功率(EIRP)≦-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)≦-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 2.8 條之規定，任何使用市電為供應電源之設備亦須符合 2.3 條之電源線傳導限值。
6. 不必要發射頻率屬第 2.7 條規定頻帶者，應符合第 2.8 條之規定。

測試方法 ：

測試場地為開放測試場,將待測物置於 1.5 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。

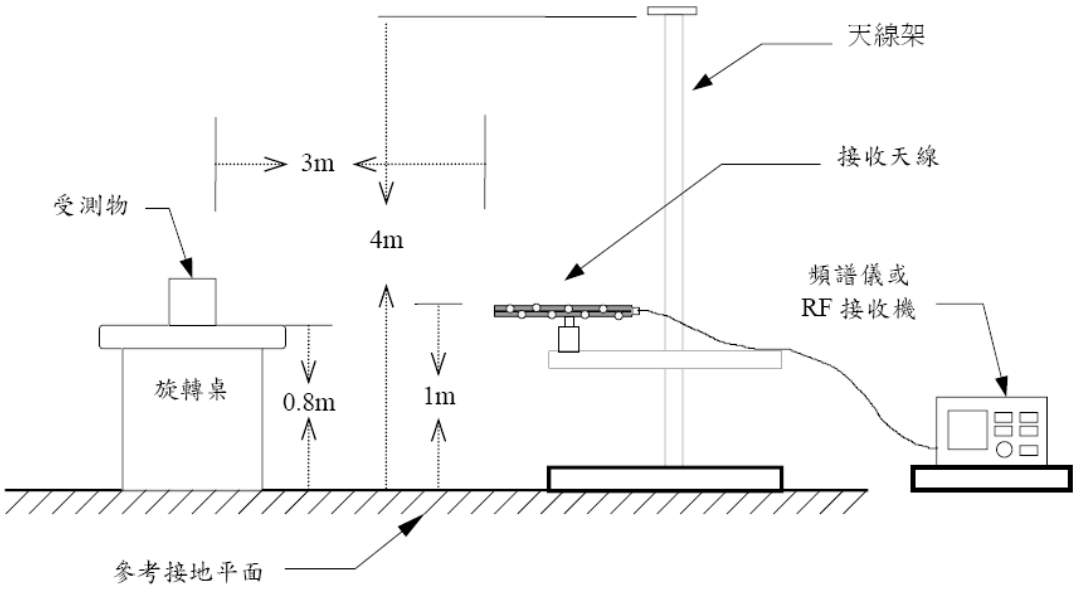
場強度之計算

場強之計算公式為：結果值 = 讀值 + 校正因子

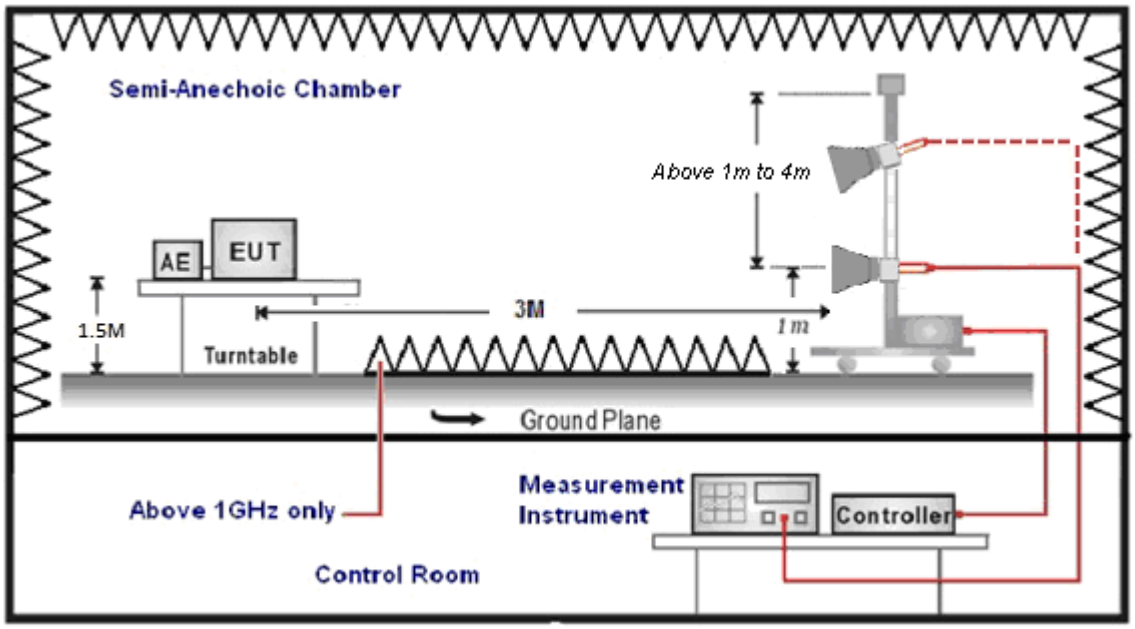
其中校正因子為： 天線因子+ 饋線損失 + 濾波器損失（若有使用） - 放大器增益（若有使用）

測試架構圖 ：

量測頻率低於 1GHz 以下之測試配置



量測頻率高於 1GHz 以上之測試配置



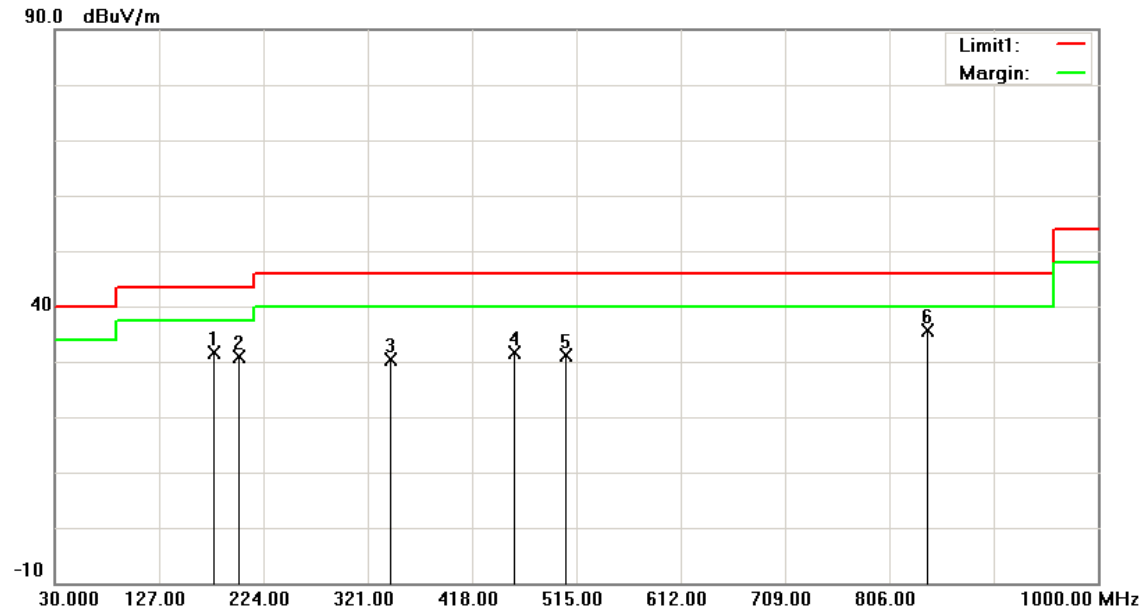
測試結果:

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

場強輻射之量測依據輸出峰值功率之量測結果取其最大值之操作模式為場強輻射測試模式。

其它不必要之訊號 (1GHz 以下)

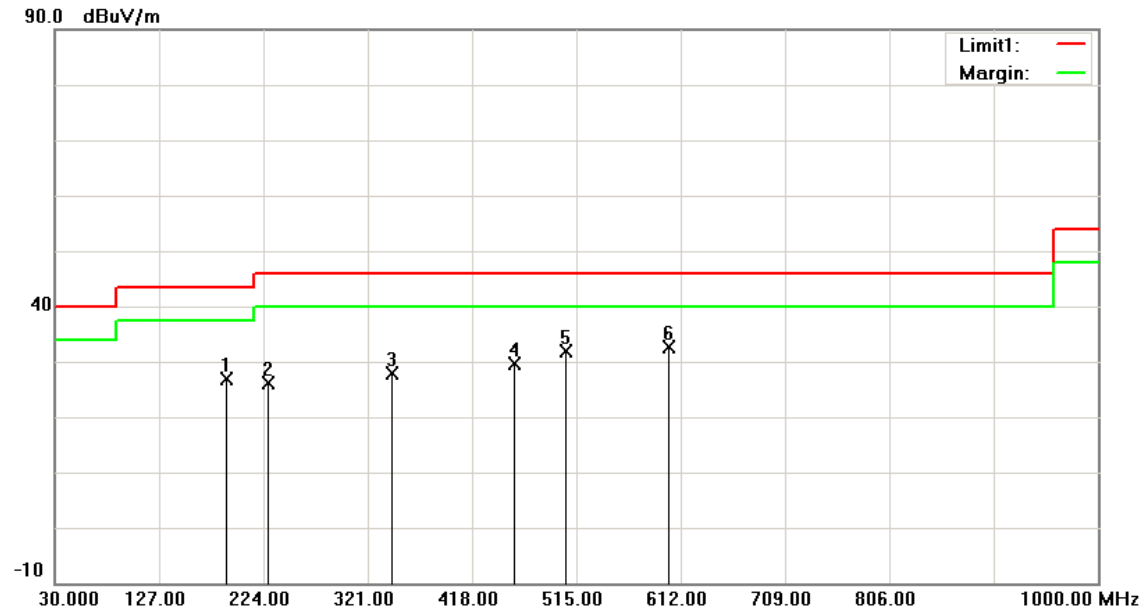
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Horizontal	Date:	07/31/2016



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	177.5000	37.56	-6.00	31.56	43.50	-11.94	QP
2	202.5000	38.58	-7.77	30.81	43.50	-12.69	QP
3	343.0000	33.24	-2.78	30.46	46.00	-15.54	QP
4	457.5000	31.73	-0.03	31.70	46.00	-14.30	QP
5	505.5000	30.28	0.82	31.10	46.00	-14.90	QP
6	842.5000	28.12	7.43	35.55	46.00	-10.45	QP

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Vertical	Date:	07/31/2016

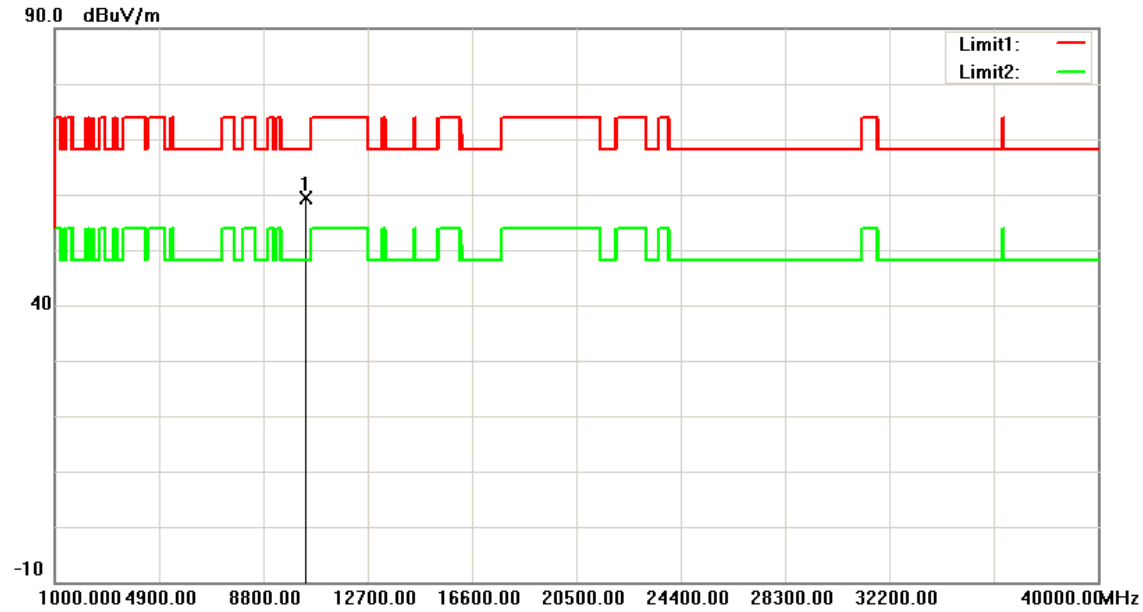


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	191.0000	34.40	-7.44	26.96	43.50	-16.54	QP
2	228.5000	33.27	-7.22	26.05	46.00	-19.95	QP
3	344.0000	30.70	-2.77	27.93	46.00	-18.07	QP
4	457.5000	29.73	-0.03	29.70	46.00	-16.30	QP
5	505.5000	31.15	0.82	31.97	46.00	-14.03	QP
6	602.0000	29.77	2.95	32.72	46.00	-13.28	QP

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

場強輻射量側 (1GHz 以上)

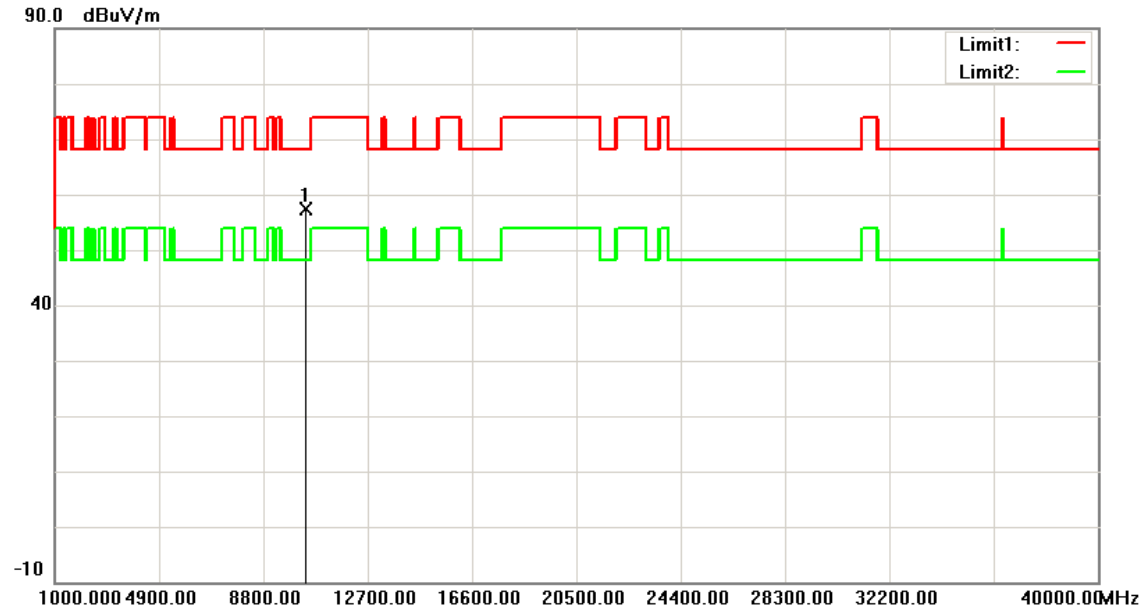
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	54.44	4.97	59.41	68.20	-8.79	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

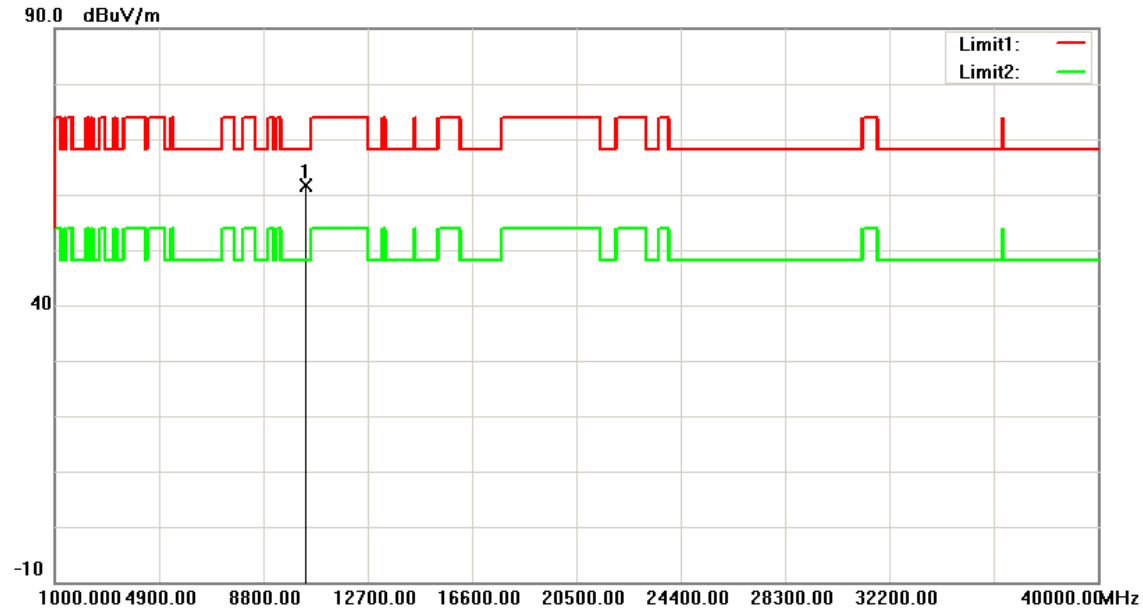
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	52.42	4.97	57.39	68.20	-10.81	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

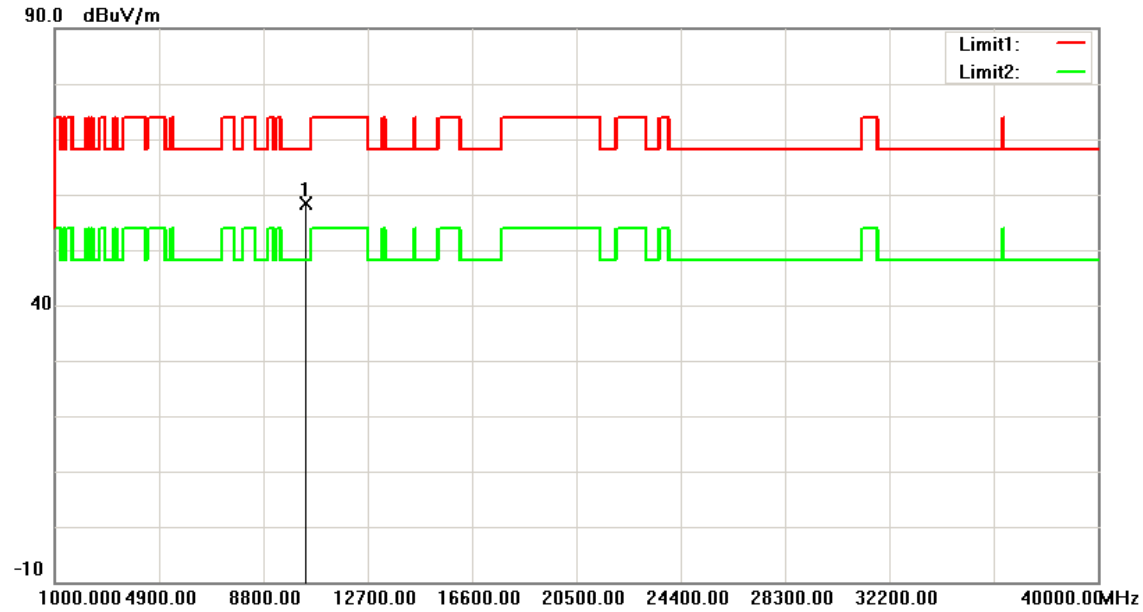
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	56.66	5.07	61.73	68.20	-6.47	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

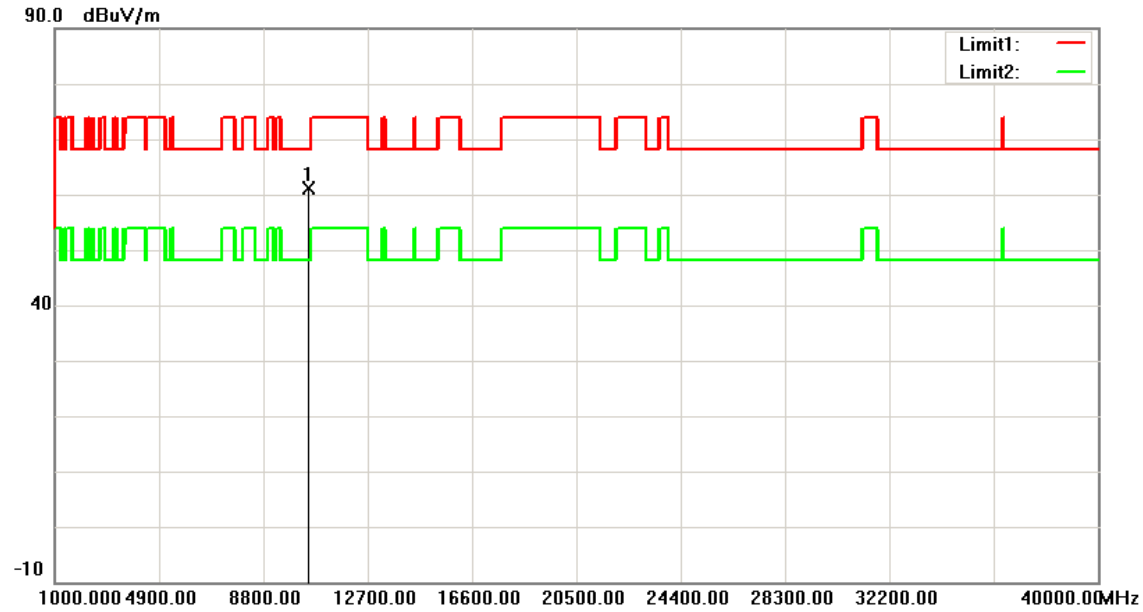
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	53.40	5.07	58.47	68.20	-9.73	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

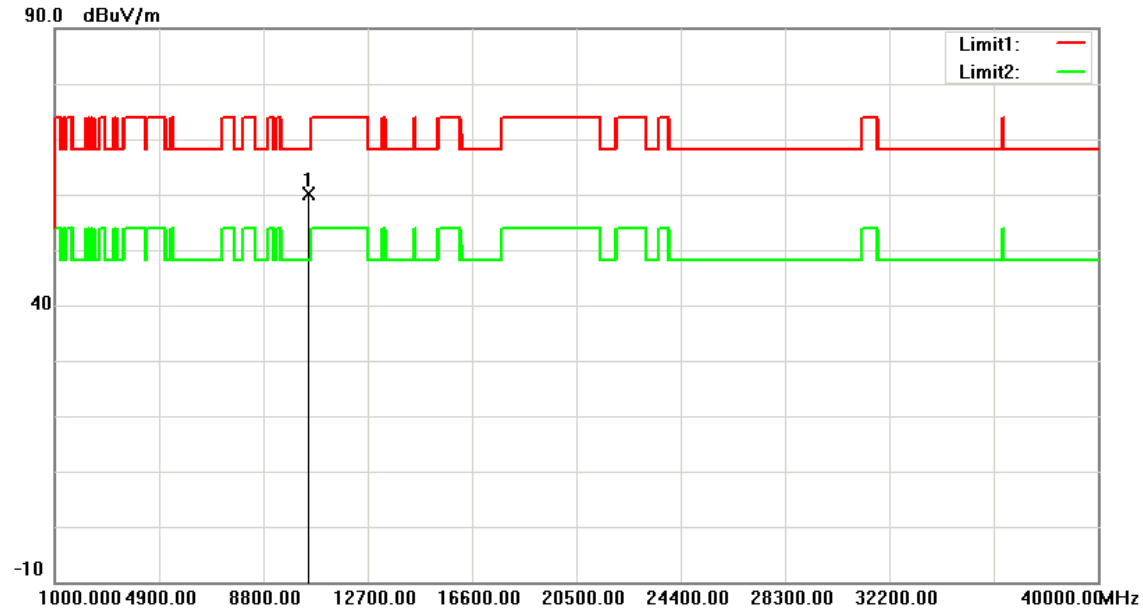
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	55.86	5.25	61.11	68.20	-7.09	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

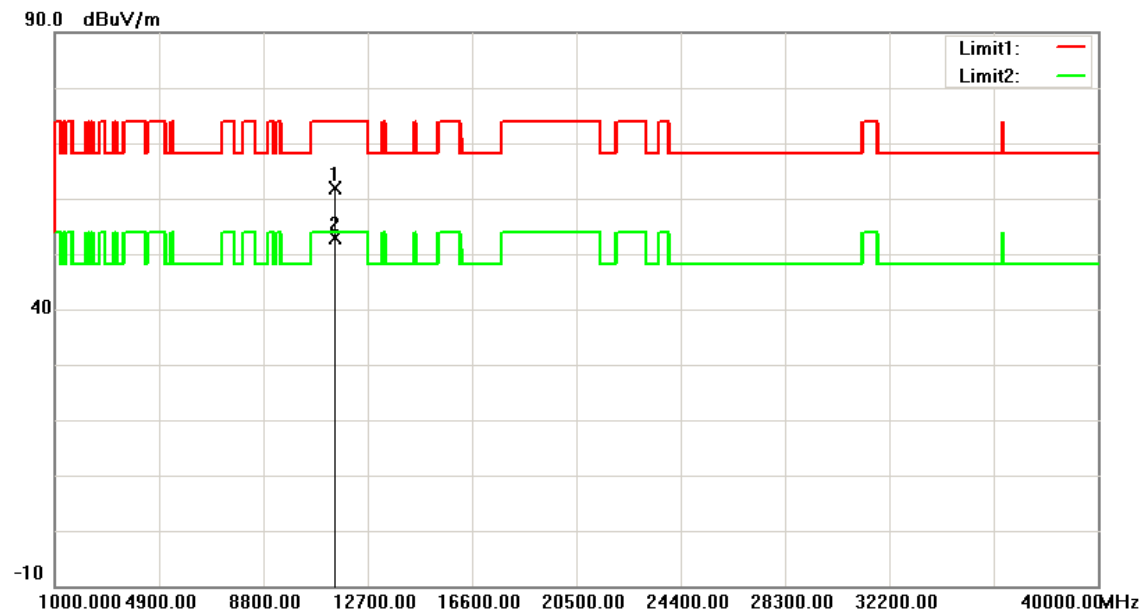
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	54.87	5.25	60.12	68.20	-8.08	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

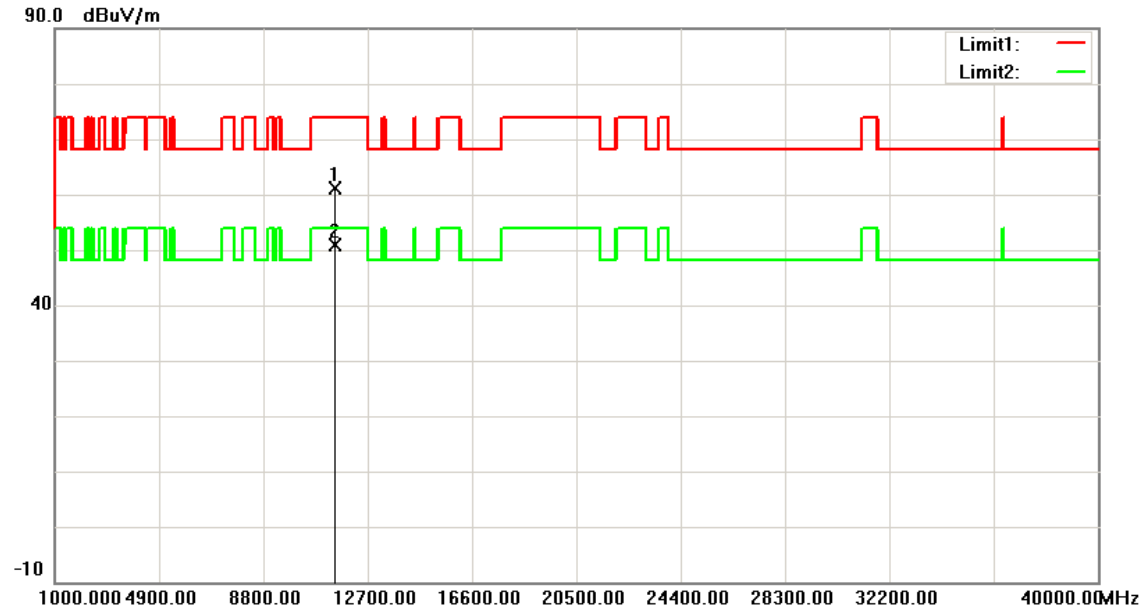
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	55.73	6.14	61.87	74.00	-12.13	peak
2	11490.000	46.72	6.14	52.86	54.00	-1.14	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

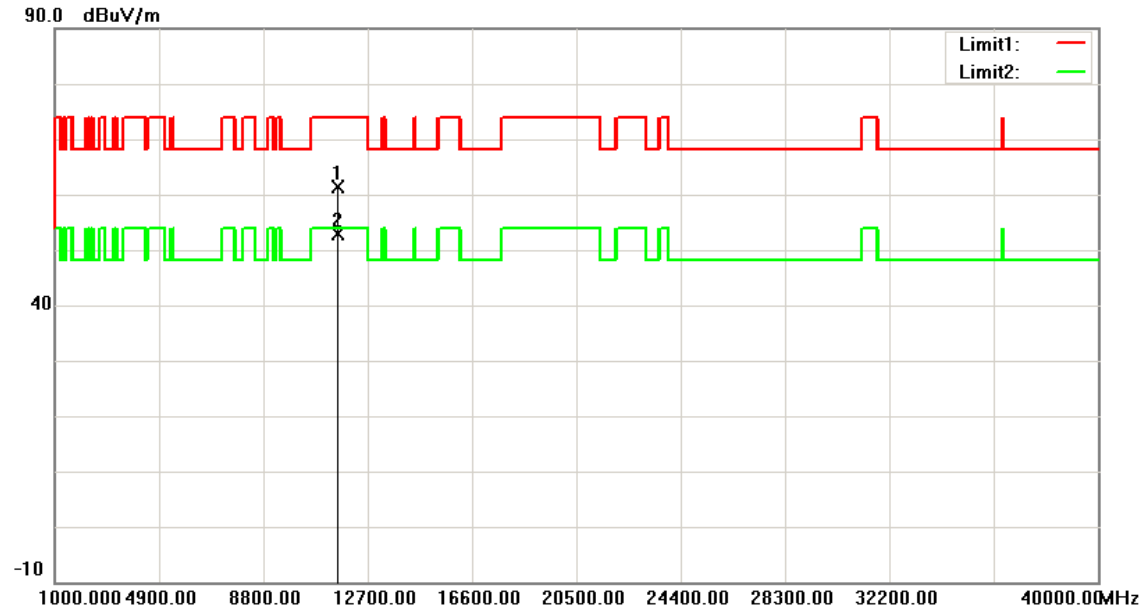
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Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	55.07	6.14	61.21	74.00	-12.79	peak
2	11490.000	44.63	6.14	50.77	54.00	-3.23	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

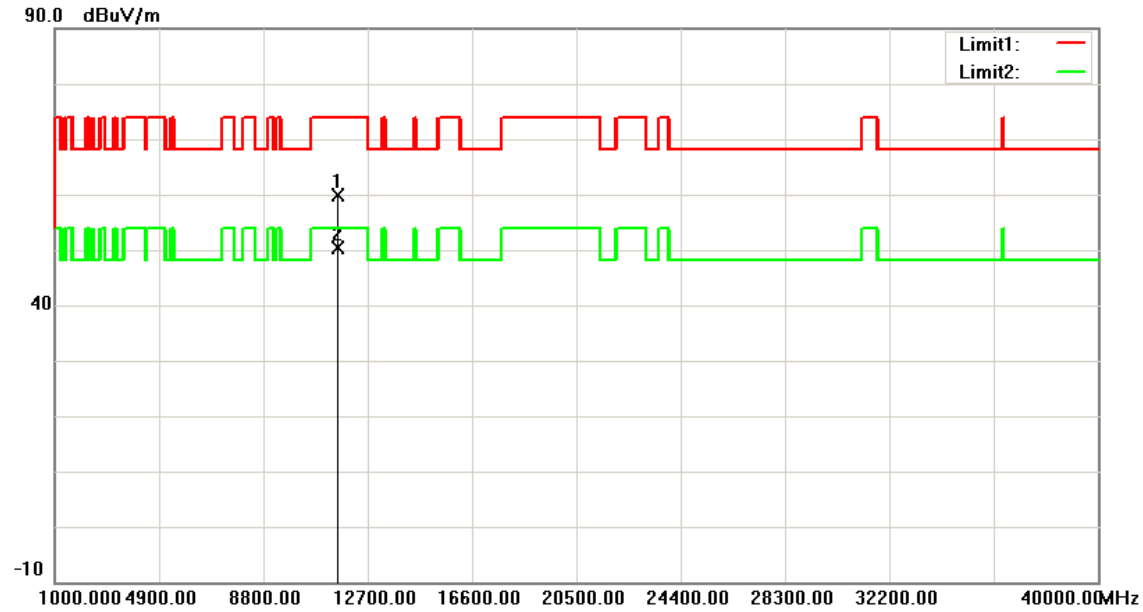
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	54.99	6.35	61.34	74.00	-12.66	peak
2	11570.000	46.58	6.35	52.93	54.00	-1.07	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

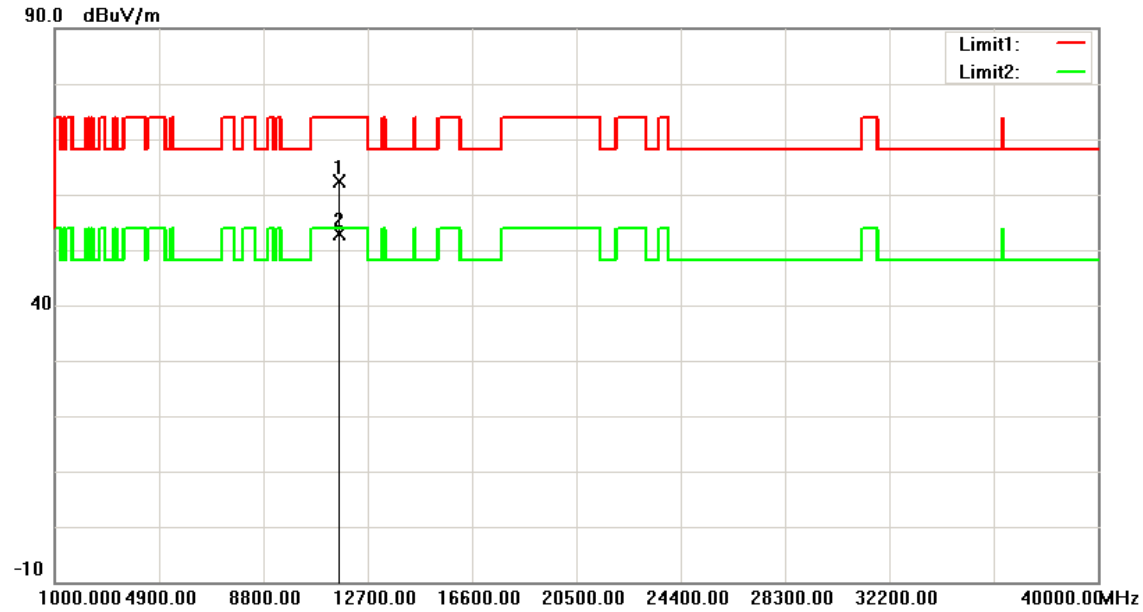
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	53.42	6.35	59.77	74.00	-14.23	peak
2	11570.000	43.99	6.35	50.34	54.00	-3.66	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

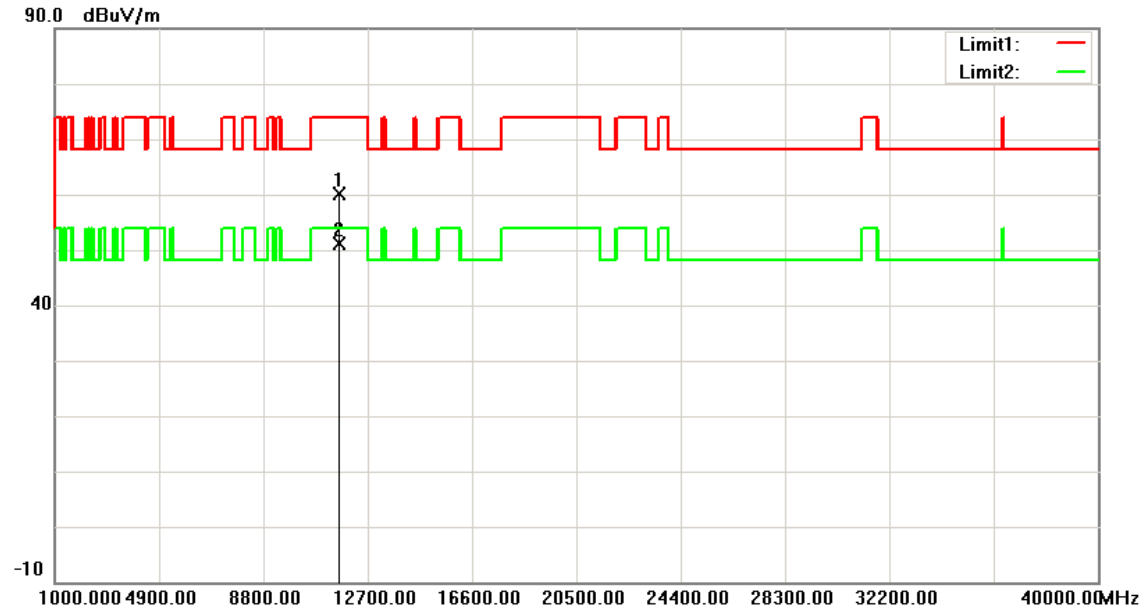
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	55.77	6.58	62.35	74.00	-11.65	peak
2	11650.000	46.37	6.58	52.95	54.00	-1.05	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

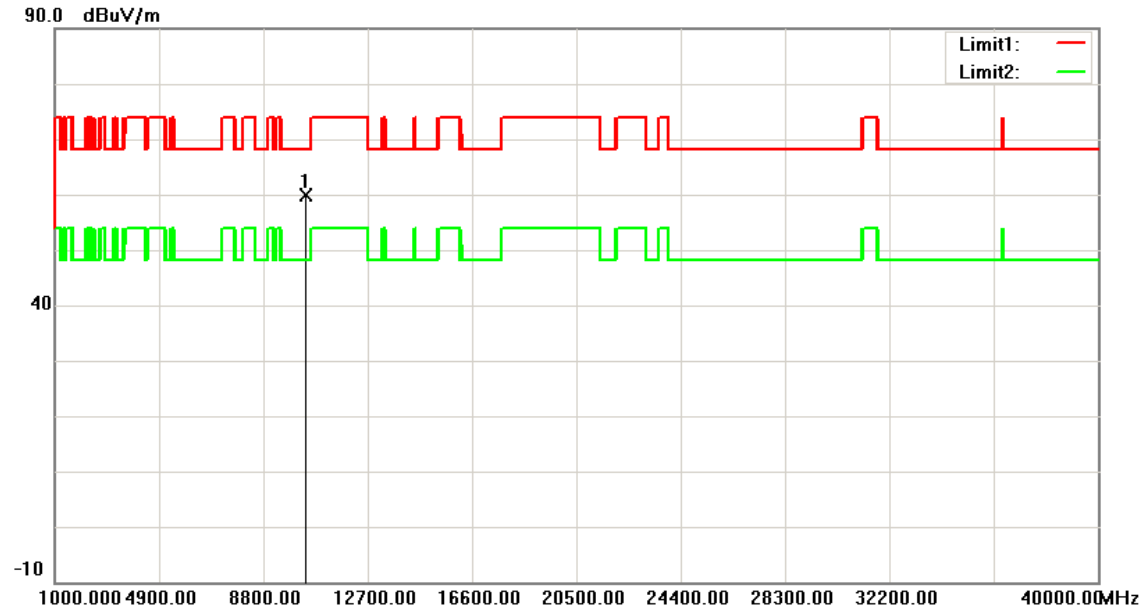
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	53.63	6.58	60.21	74.00	-13.79	peak
2	11650.000	44.45	6.58	51.03	54.00	-2.97	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

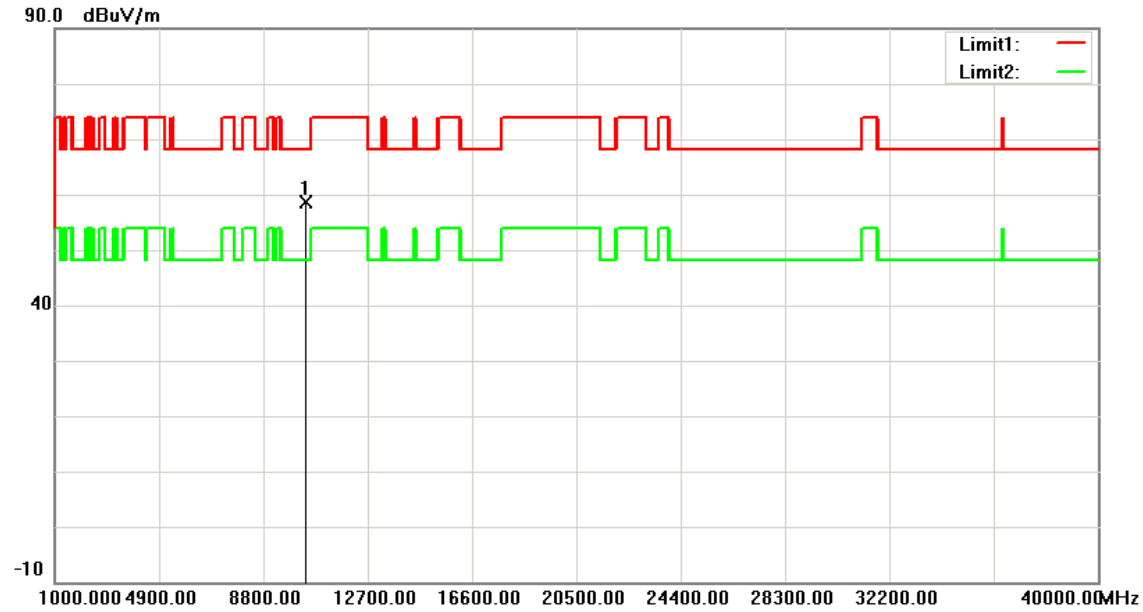
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	54.79	4.97	59.76	68.20	-8.44	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

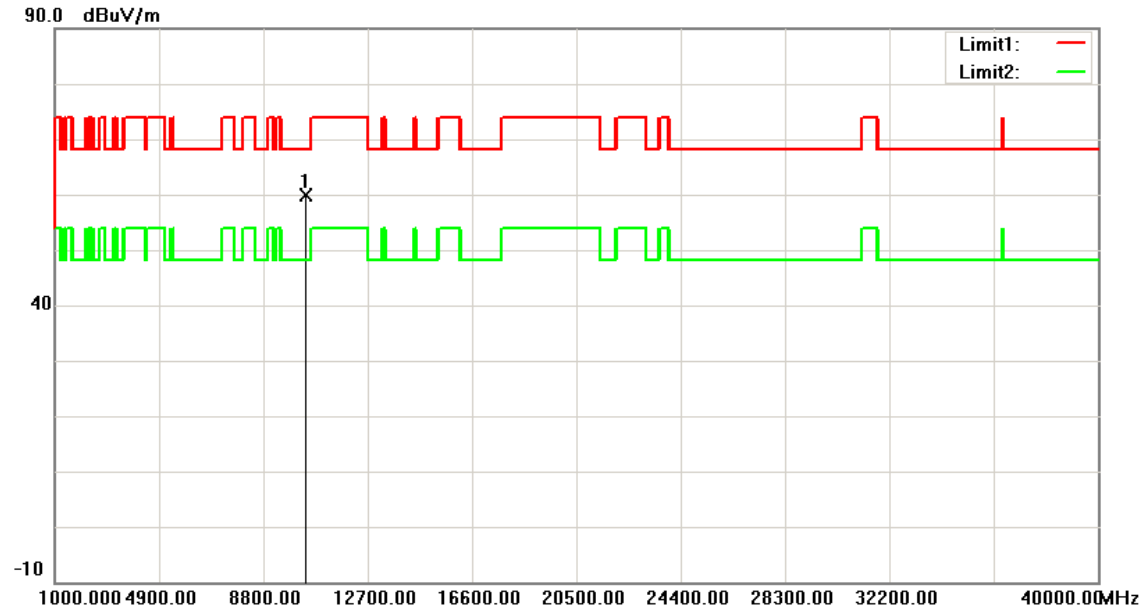
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	53.55	4.97	58.52	68.20	-9.68	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

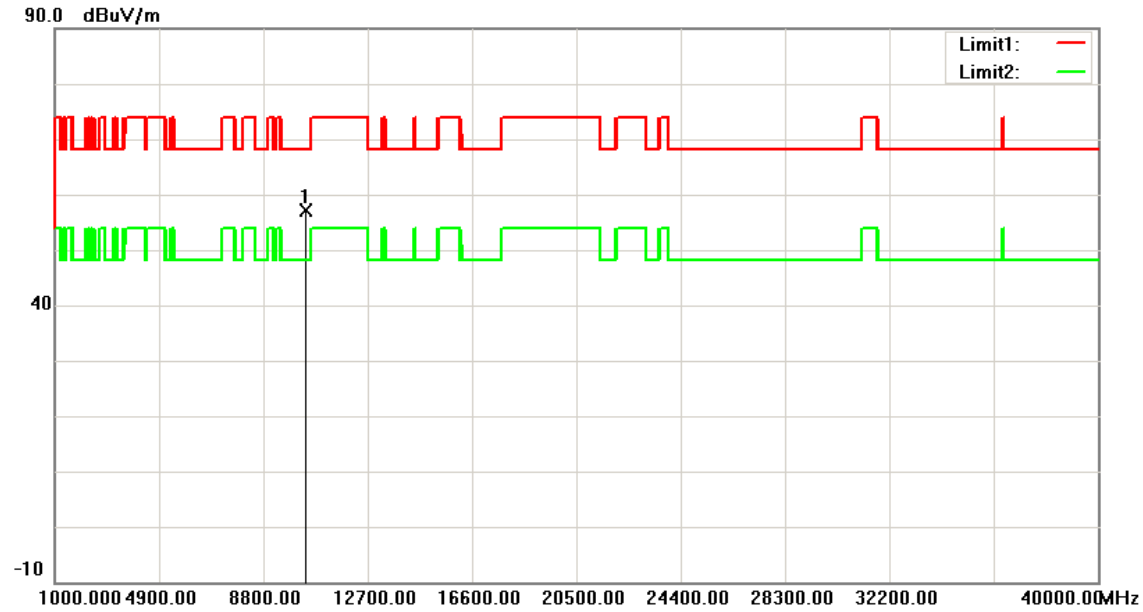
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	54.72	5.07	59.79	68.20	-8.41	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

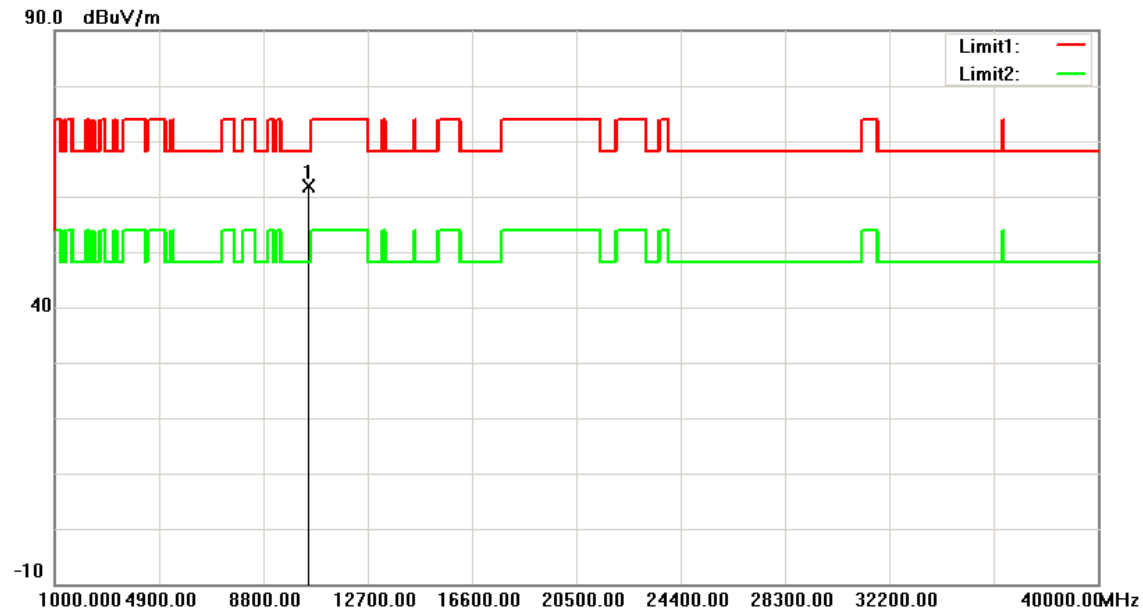
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	51.95	5.07	57.02	68.20	-11.18	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

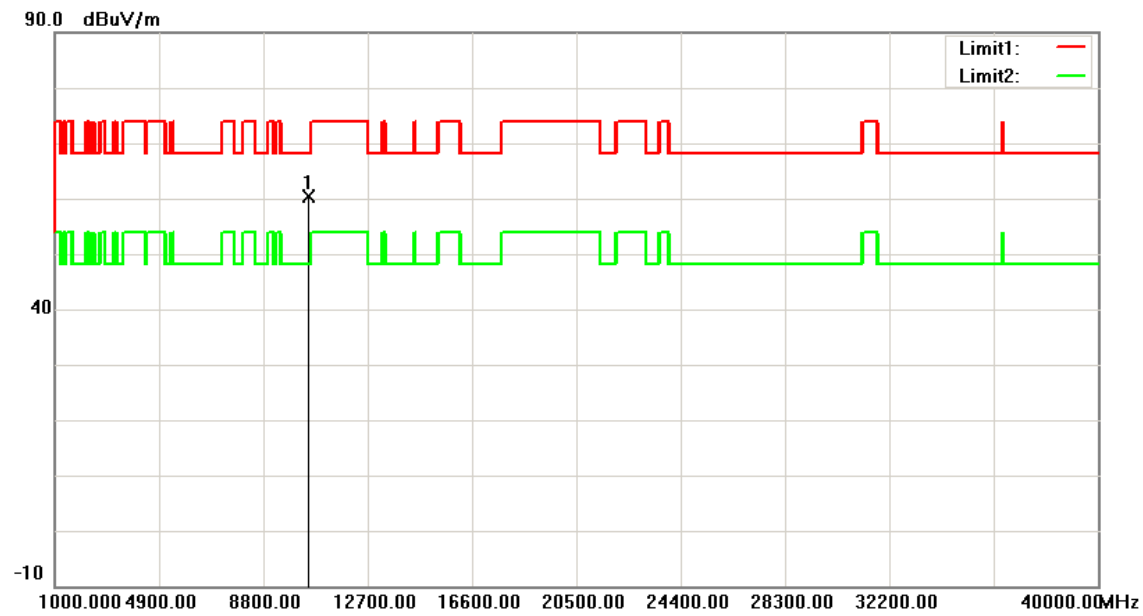
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	56.67	5.25	61.92	68.20	-6.28	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

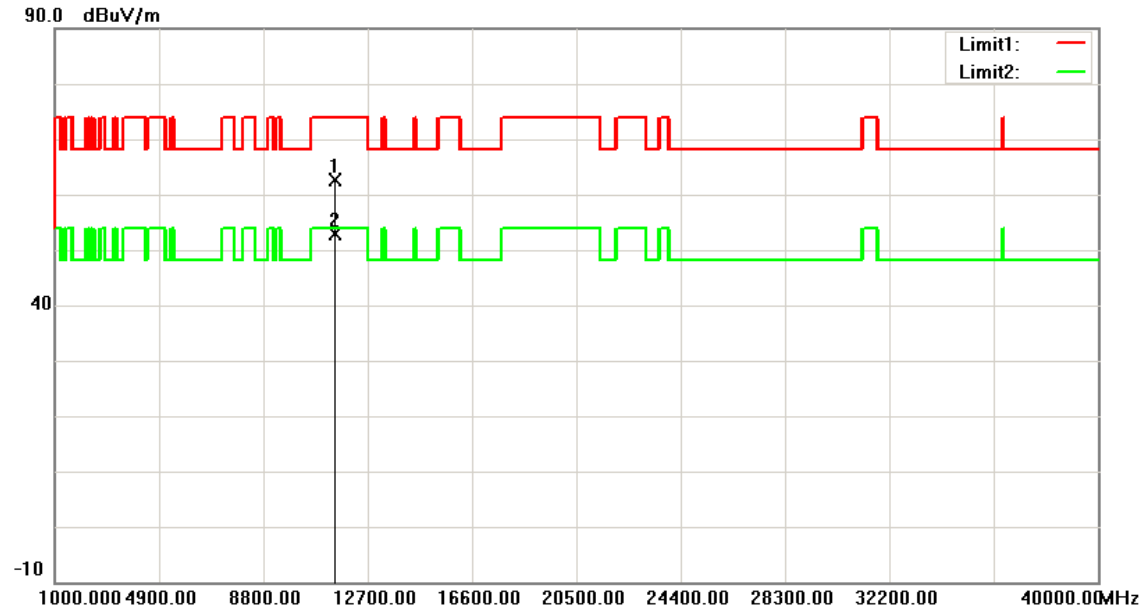
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	55.14	5.25	60.39	68.20	-7.81	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

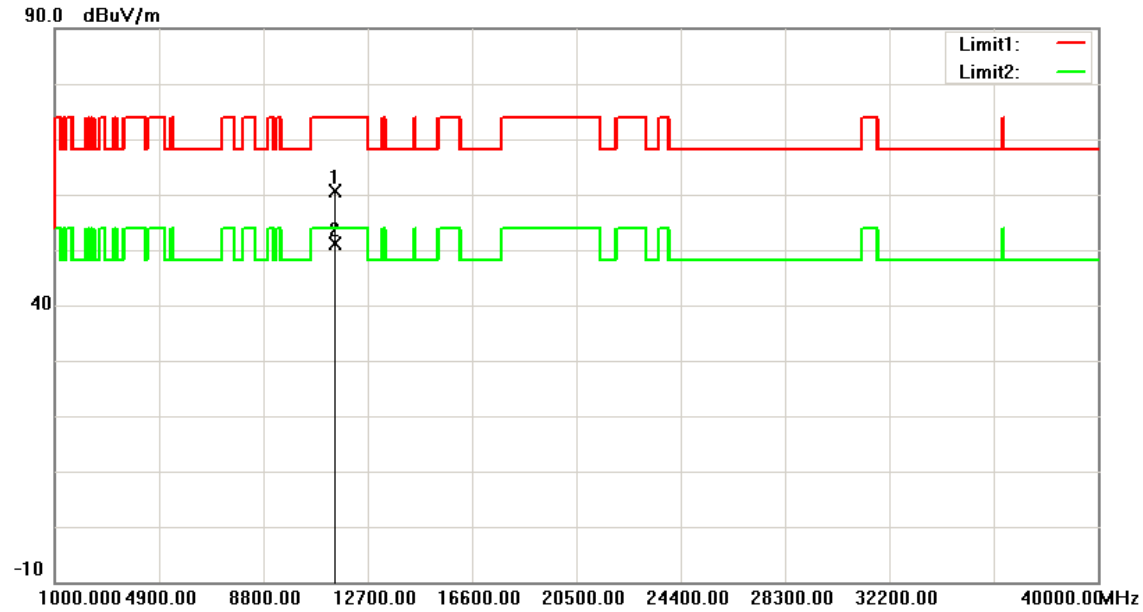
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	56.46	6.14	62.60	74.00	-11.40	peak
2	11490.000	46.75	6.14	52.89	54.00	-1.11	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

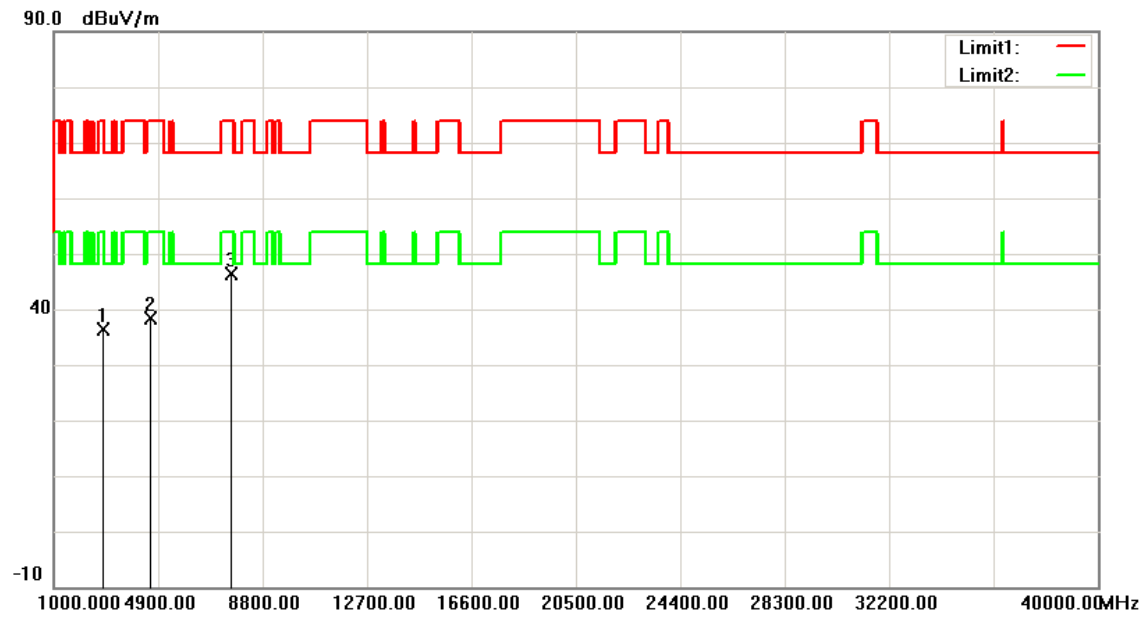
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	54.56	6.14	60.70	74.00	-13.30	peak
2	11490.000	45.05	6.14	51.19	54.00	-2.81	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

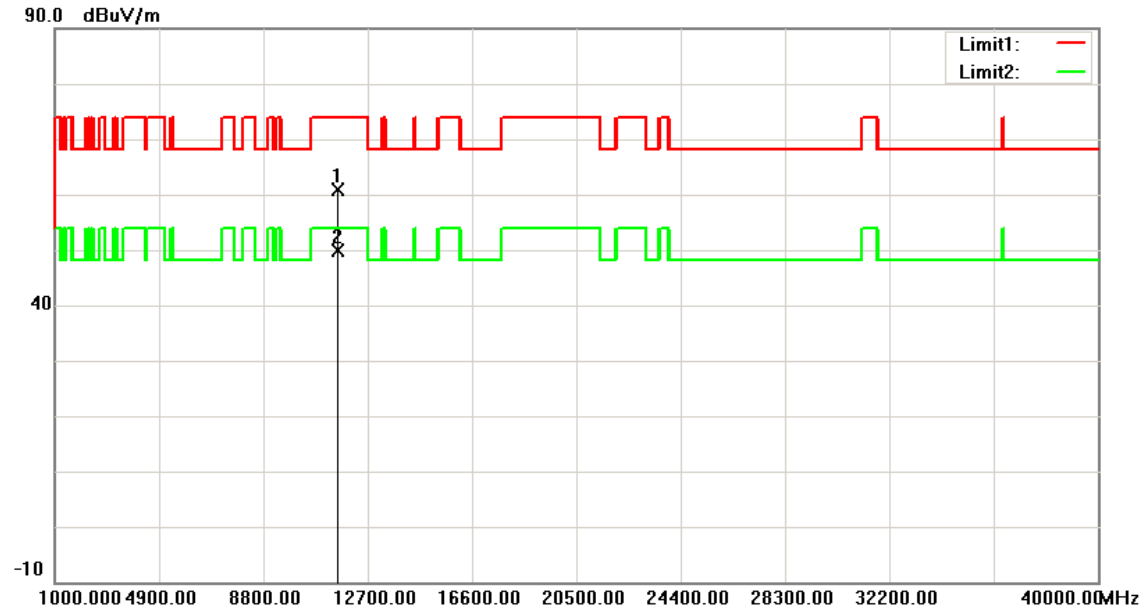
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	56.99	6.35	63.34	74.00	-10.66	peak
2	11570.000	46.50	6.35	52.85	54.00	-1.15	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

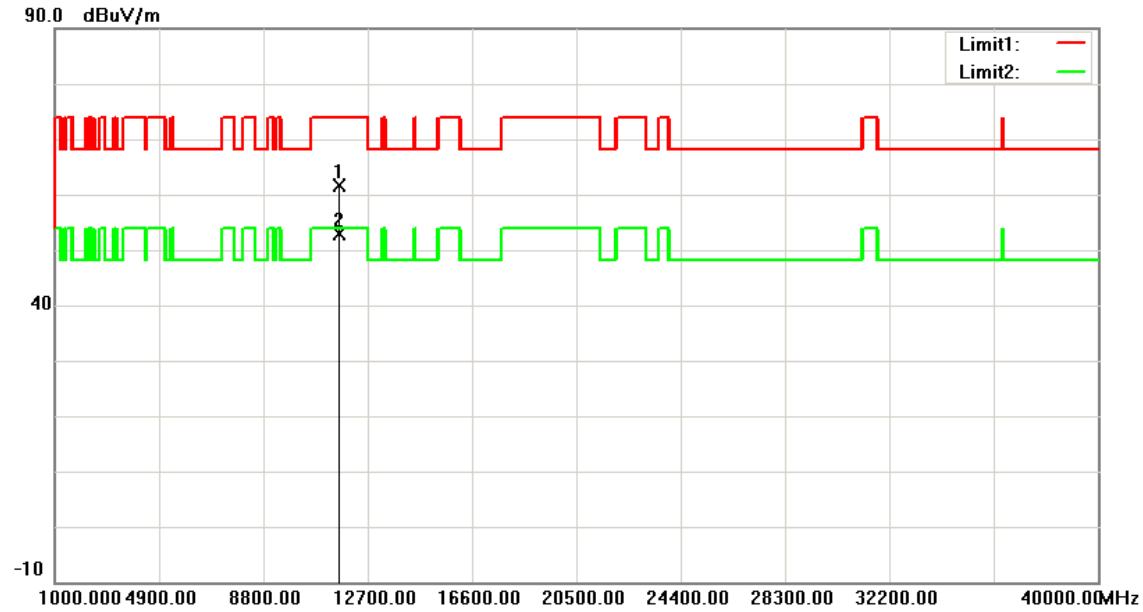
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	54.61	6.35	60.96	74.00	-13.04	peak
2	11570.000	43.63	6.35	49.98	54.00	-4.02	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

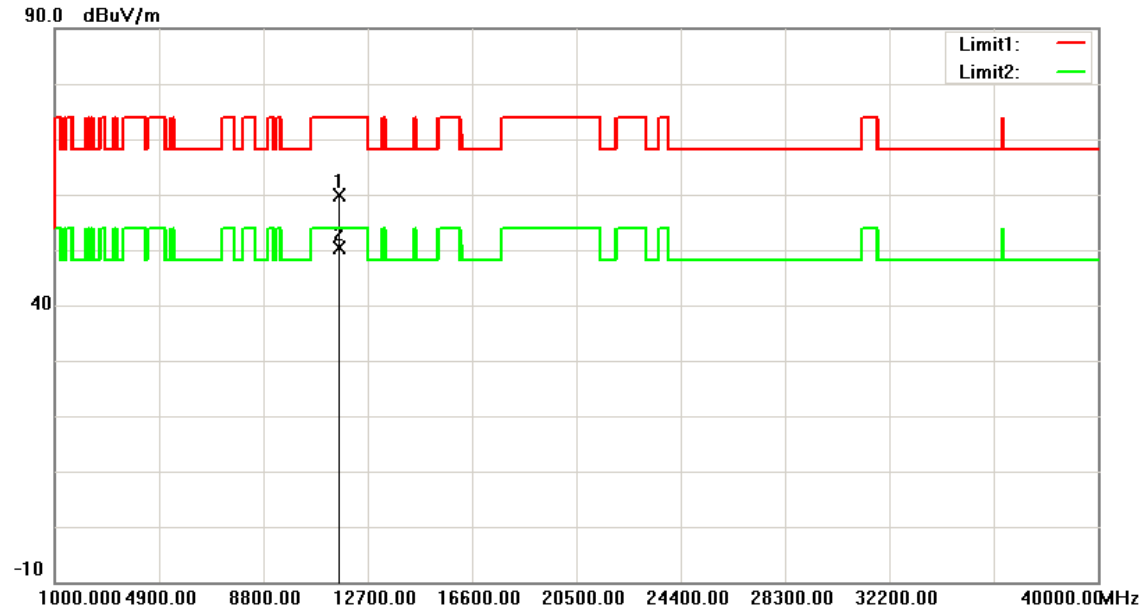
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	55.08	6.58	61.66	74.00	-12.34	peak
2	11650.000	46.32	6.58	52.90	54.00	-1.10	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

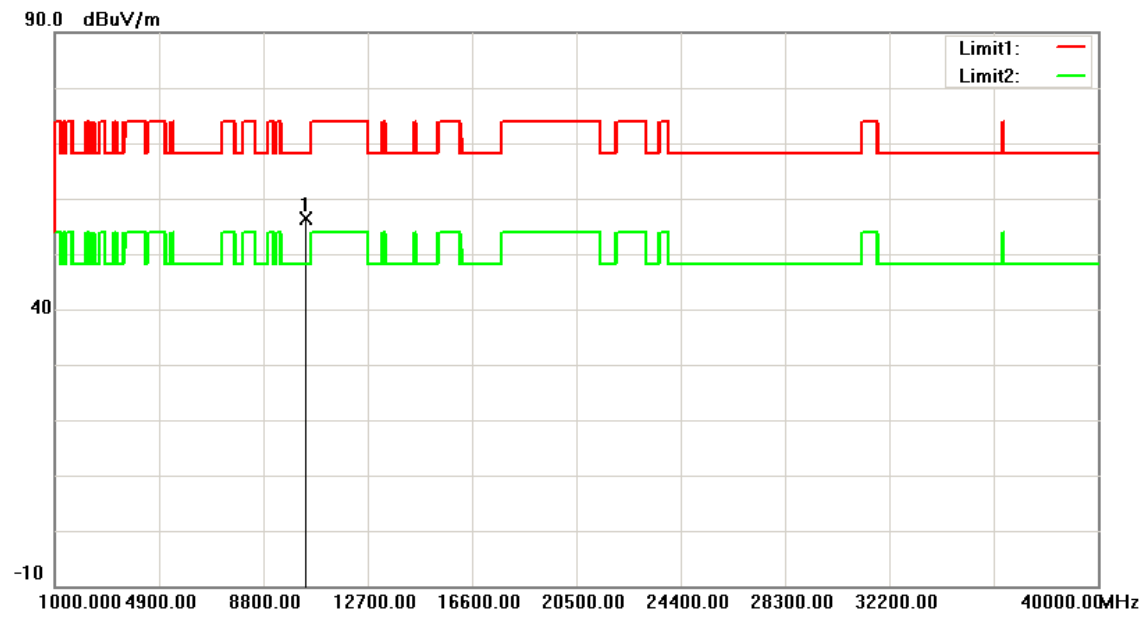
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	53.23	6.58	59.81	74.00	-14.19	peak
2	11650.000	43.75	6.58	50.33	54.00	-3.67	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

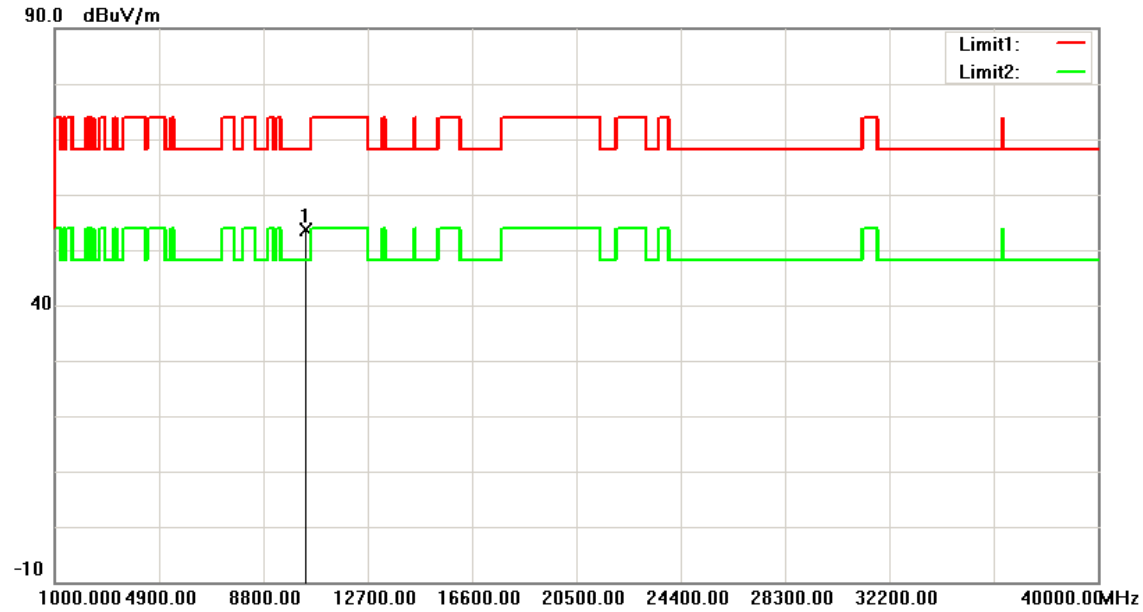
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5190 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	51.46	5.01	56.47	68.20	-11.73	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

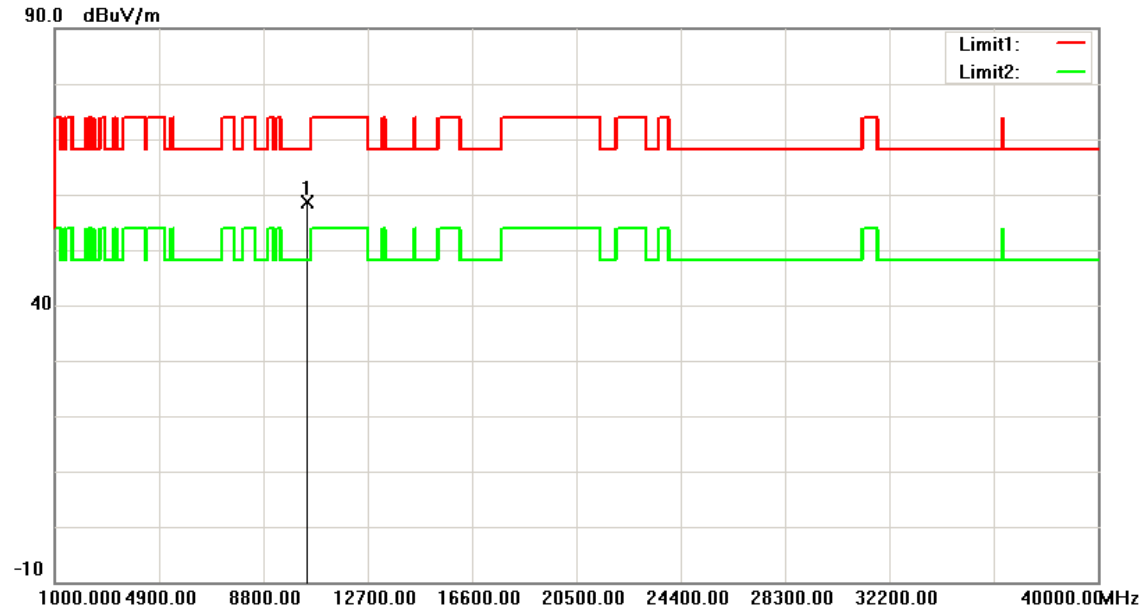
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5190 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	48.54	5.01	53.55	68.20	-14.65	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

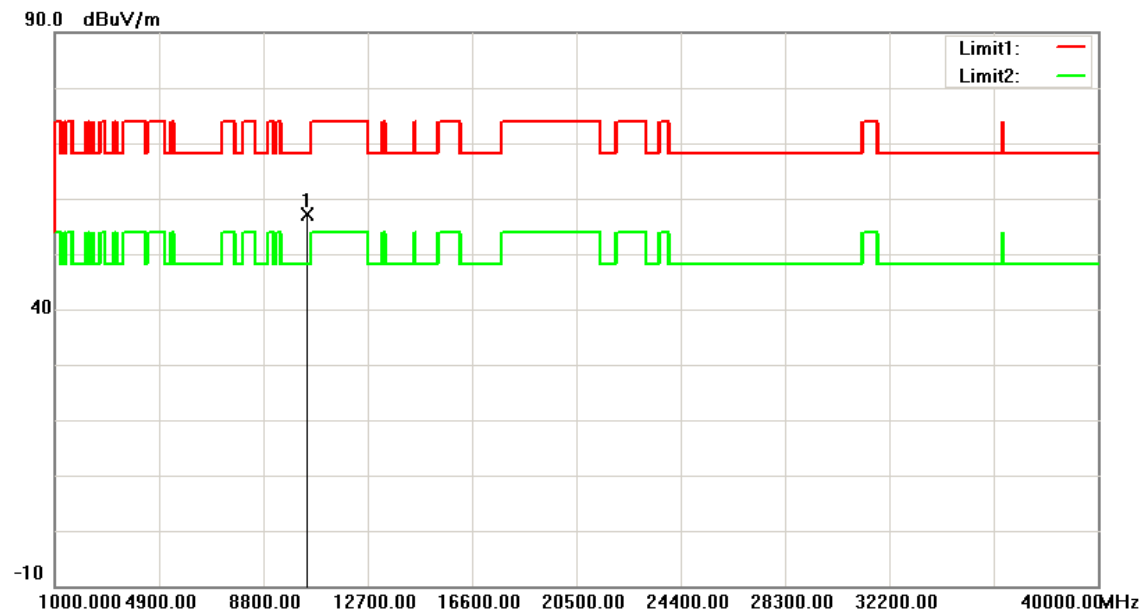
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5230 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	53.33	5.22	58.55	68.20	-9.65	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

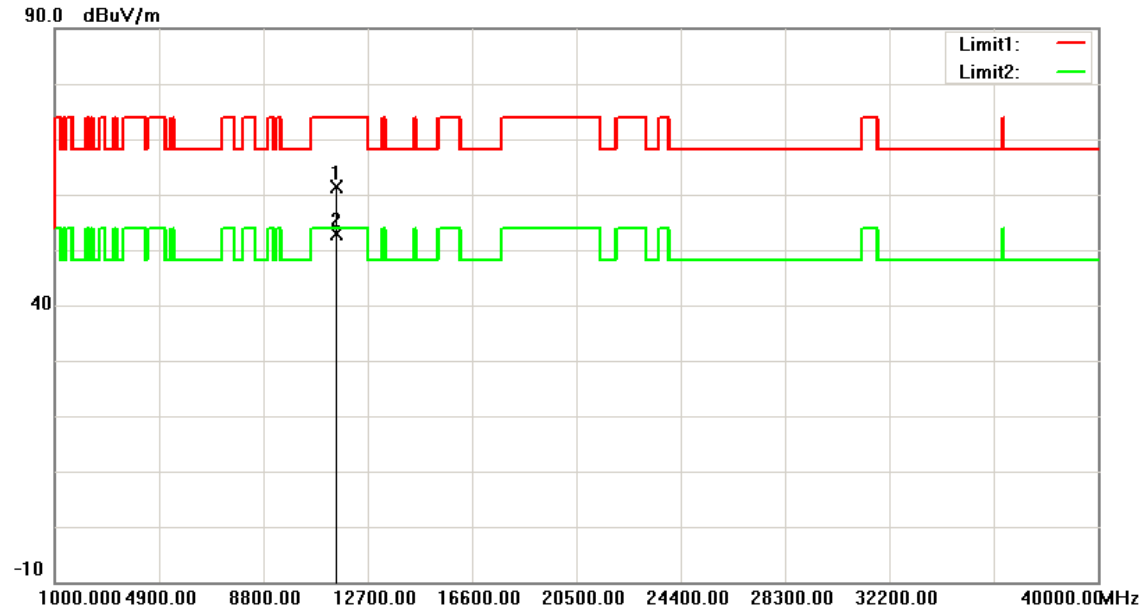
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5230 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	51.85	5.22	57.07	68.20	-11.13	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

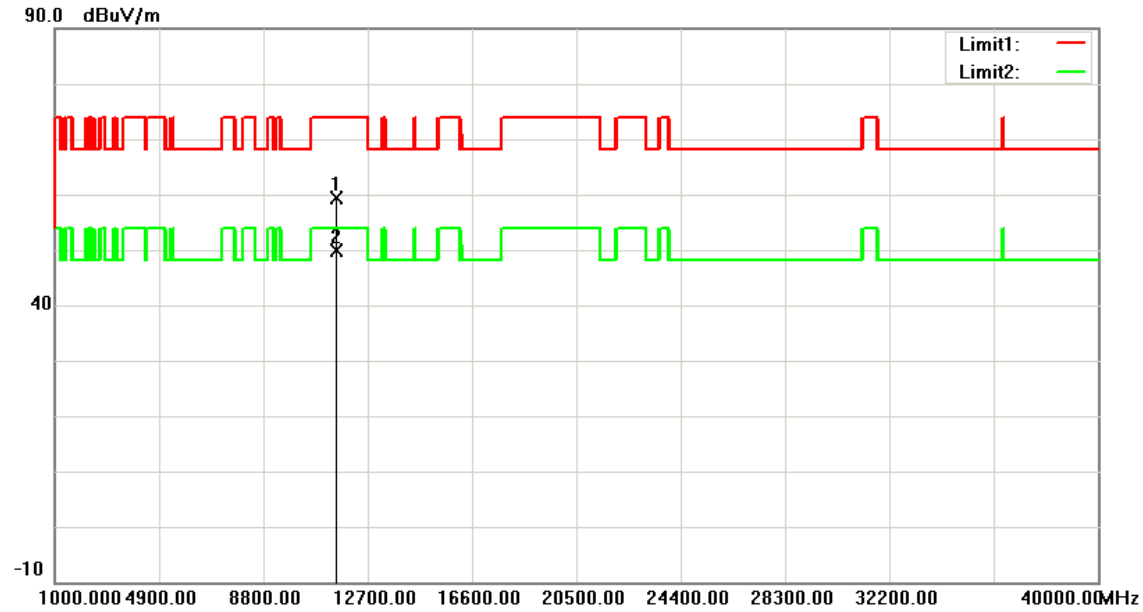
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5755 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	55.13	6.17	61.30	74.00	-12.70	peak
2	11510.000	46.69	6.17	52.86	54.00	-1.14	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

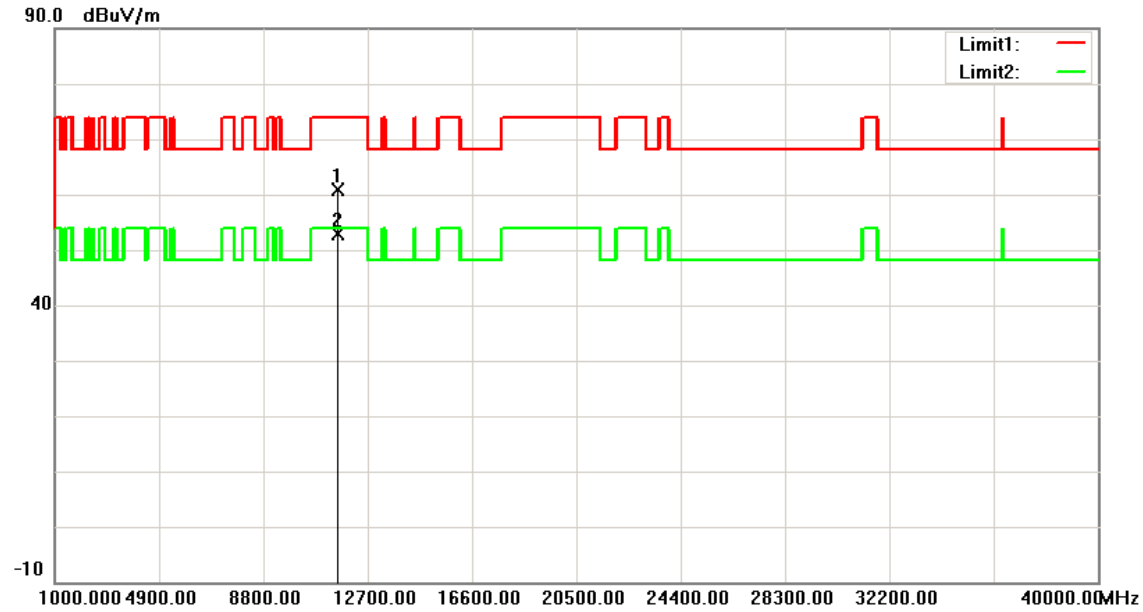
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5755 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	53.20	6.17	59.37	74.00	-14.63	peak
2	11510.000	43.62	6.17	49.79	54.00	-4.21	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

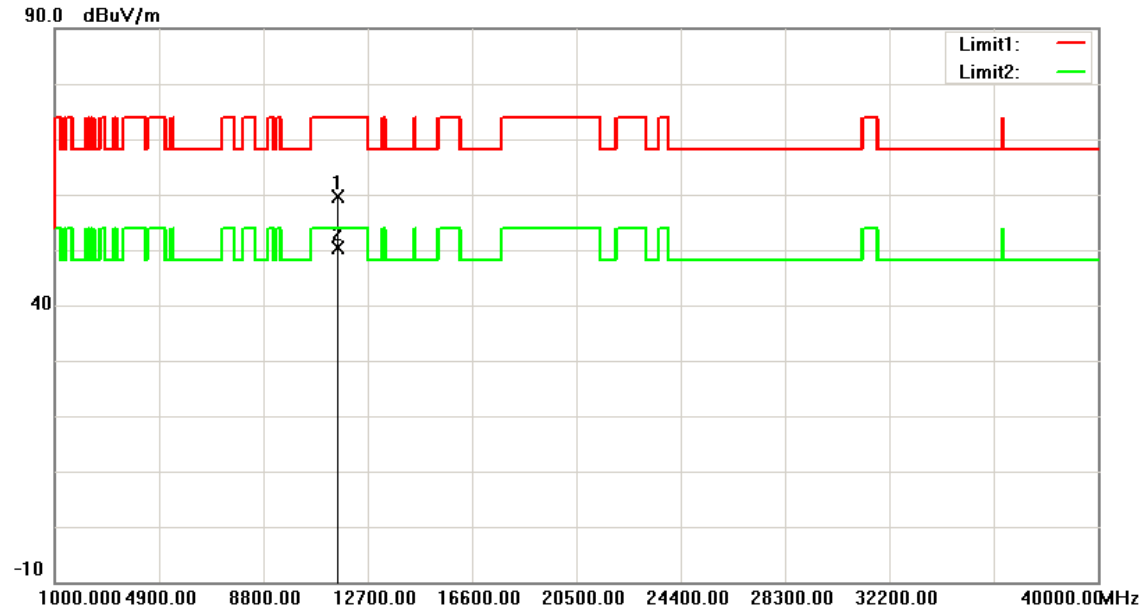
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5795 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	54.53	6.41	60.94	74.00	-13.06	peak
2	11590.000	46.41	6.41	52.82	54.00	-1.18	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

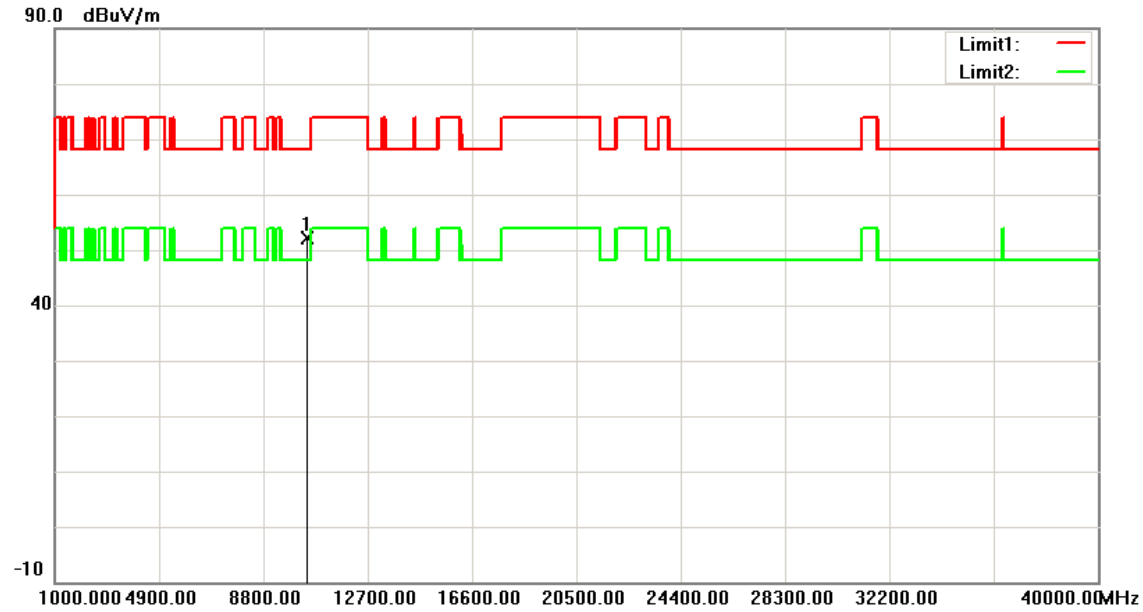
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5795 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	53.19	6.41	59.60	74.00	-14.40	peak
2	11590.000	44.02	6.41	50.43	54.00	-3.57	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

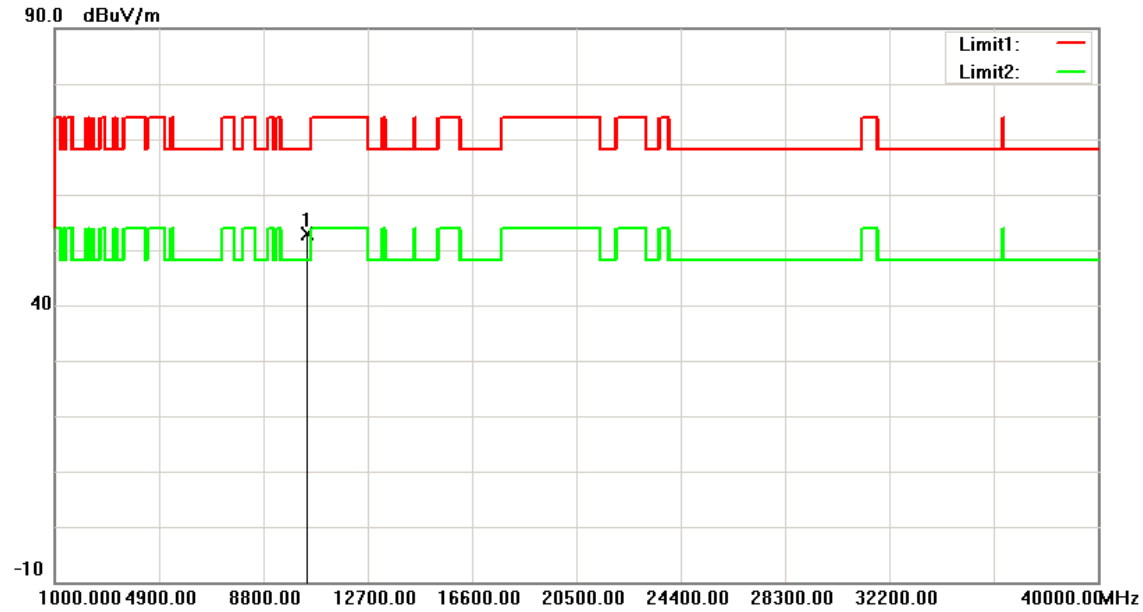
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5210 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	47.05	5.11	52.16	68.20	-16.04	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

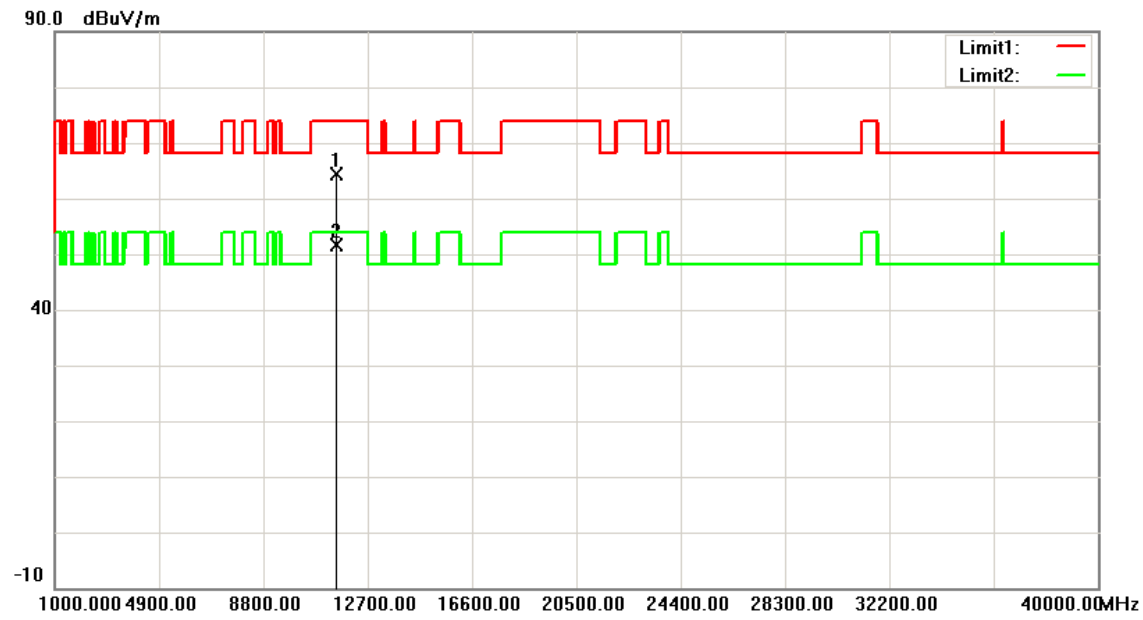
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5210 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	47.86	5.11	52.97	68.20	-15.23	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

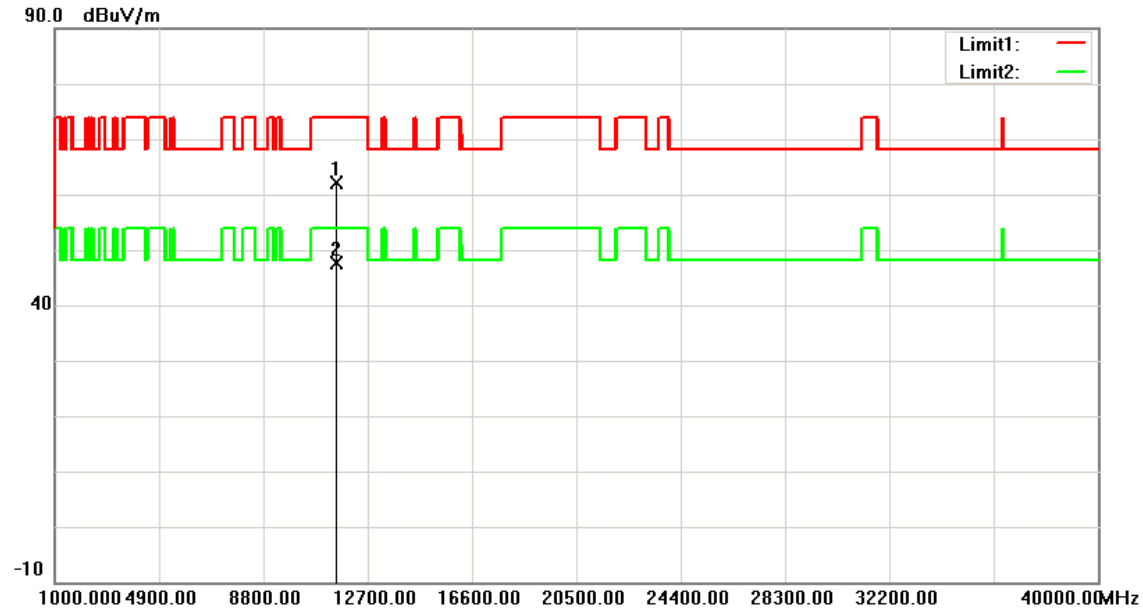
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5775 MHz	Date:	07/31/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	58.06	6.29	64.35	74.00	-9.65	peak
2	11550.000	45.26	6.29	51.55	54.00	-2.45	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

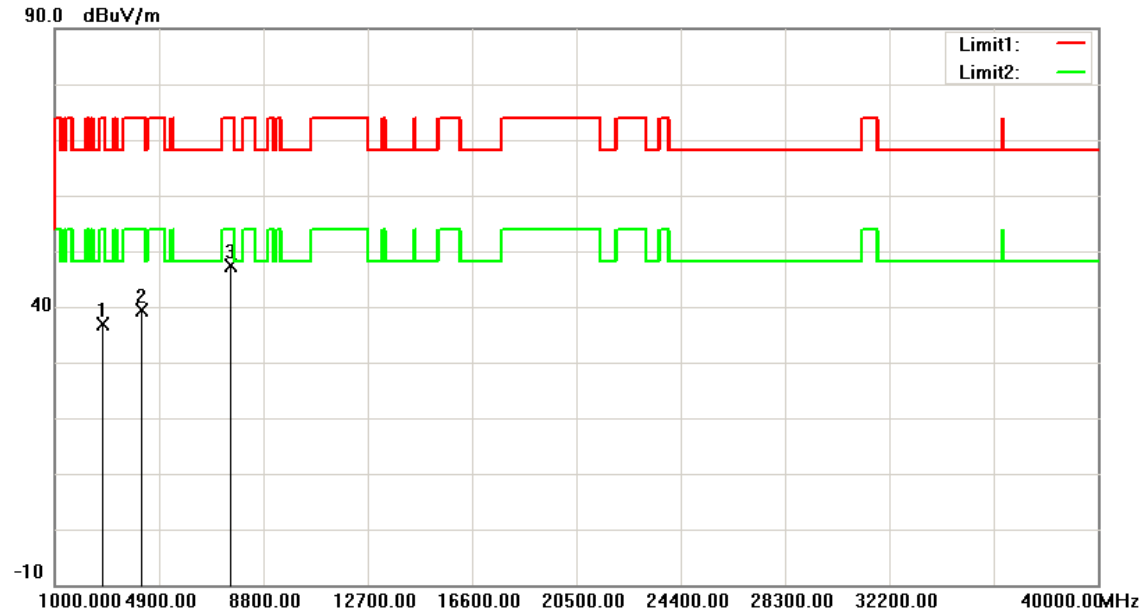
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5775 MHz	Date:	07/31/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	55.93	6.29	62.22	74.00	-11.78	peak
2	11550.000	41.36	6.29	47.65	54.00	-6.35	AVG

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

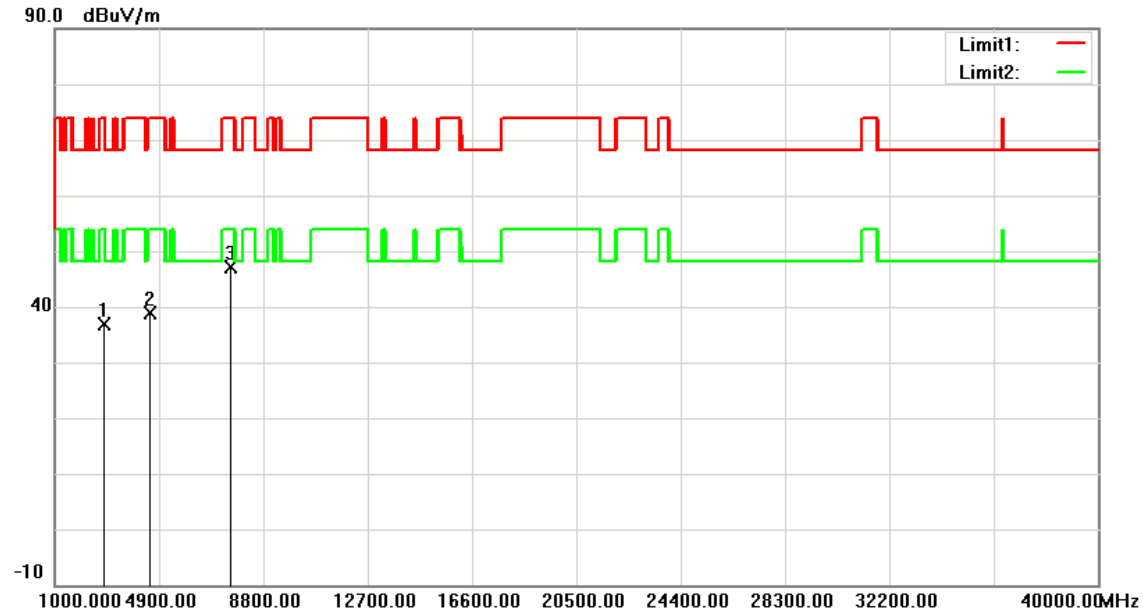
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 10 (5GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Horizontal	Date:	07/31/2016



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2785.000	50.43	-13.60	36.83	74.00	-37.17	peak
2	4213.000	49.10	-9.68	39.42	74.00	-34.58	peak
3	7562.000	47.36	0.09	47.45	74.00	-26.55	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 10 (5GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Vertical	Date:	07/31/2016

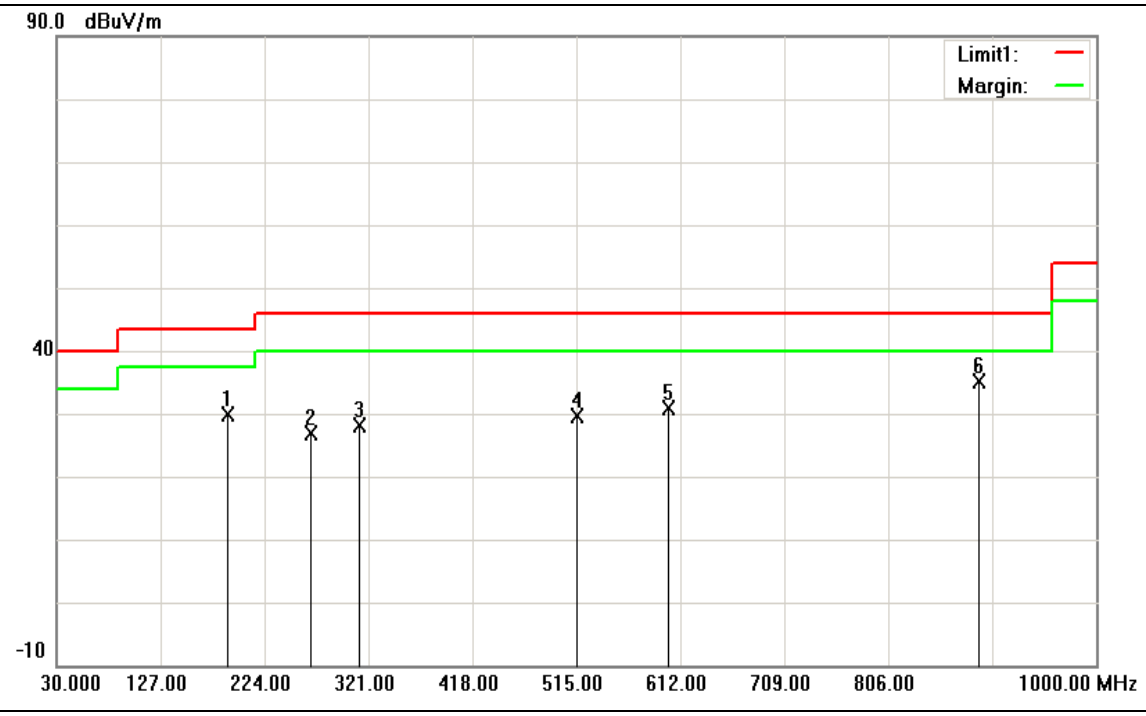


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	50.44	-13.57	36.87	74.00	-37.13	peak
2	4570.000	47.56	-8.75	38.81	74.00	-35.19	peak
3	7545.000	47.01	0.04	47.05	74.00	-26.95	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Horizontal	Date:	2016/10/9
Description:			

Beamforming on



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	190.5000	37.18	-7.41	29.77	43.50	-13.73	QP
2	268.0000	31.34	-4.56	26.78	46.00	-19.22	QP
3	313.0000	31.27	-3.20	28.07	46.00	-17.93	QP
4	515.0000	28.77	0.95	29.72	46.00	-16.28	QP
5	602.0000	27.96	2.95	30.91	46.00	-15.09	QP
6	891.0000	26.64	8.41	35.05	46.00	-10.95	QP

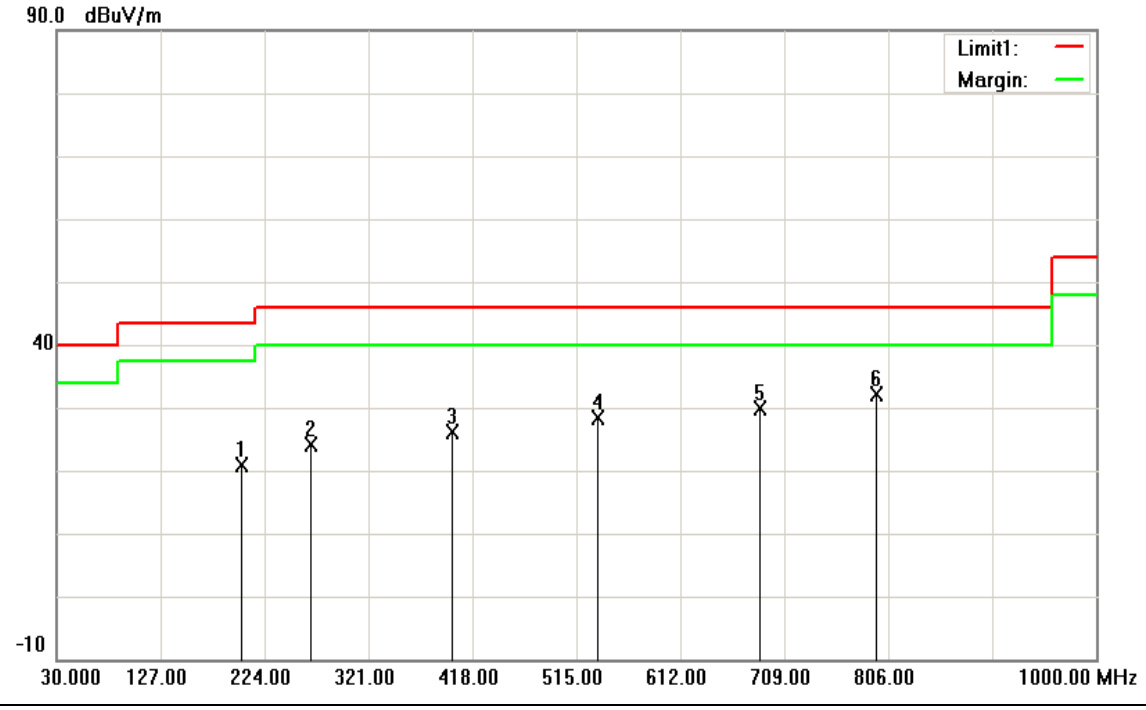
註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Vertical	Date:	2016/10/9
Description:			

Beamforming on



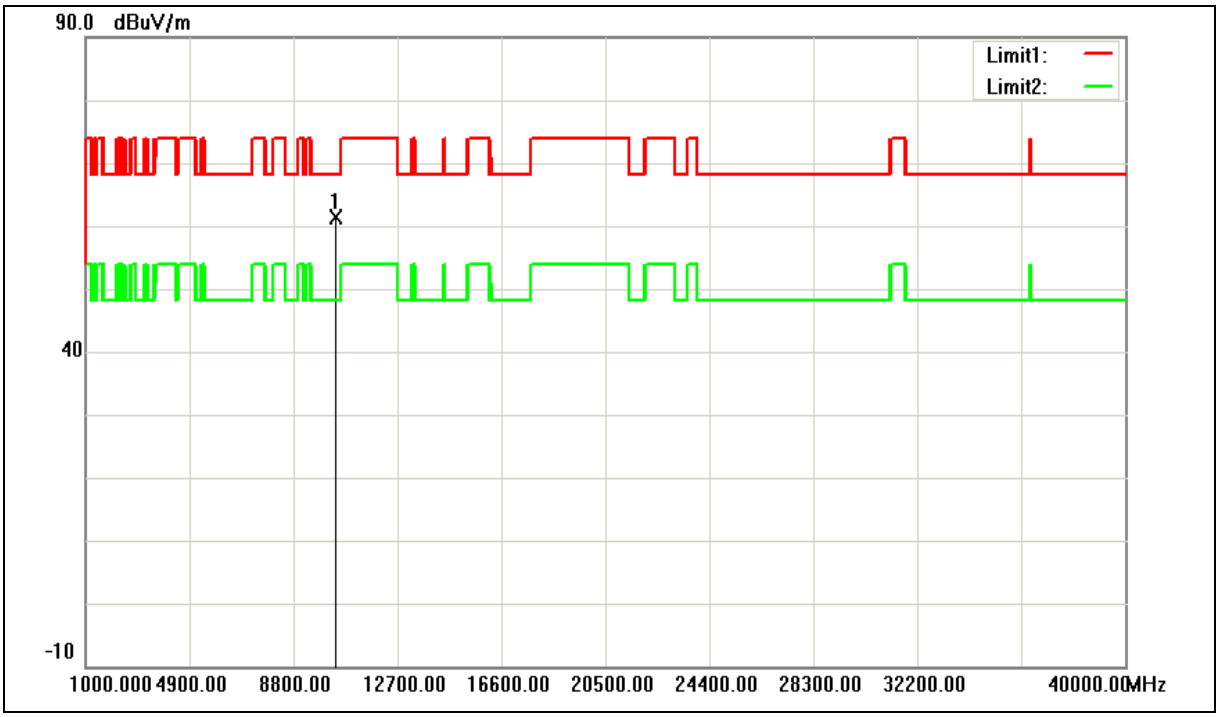
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	203.0000	28.71	-7.77	20.94	43.50	-22.56	QP
2	267.0000	28.72	-4.62	24.10	46.00	-21.90	QP
3	400.0000	27.79	-1.70	26.09	46.00	-19.91	QP
4	535.0000	27.15	1.25	28.40	46.00	-17.60	QP
5	687.0000	25.43	4.45	29.88	46.00	-16.12	QP
6	794.5000	25.49	6.61	32.10	46.00	-13.90	QP

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5180MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



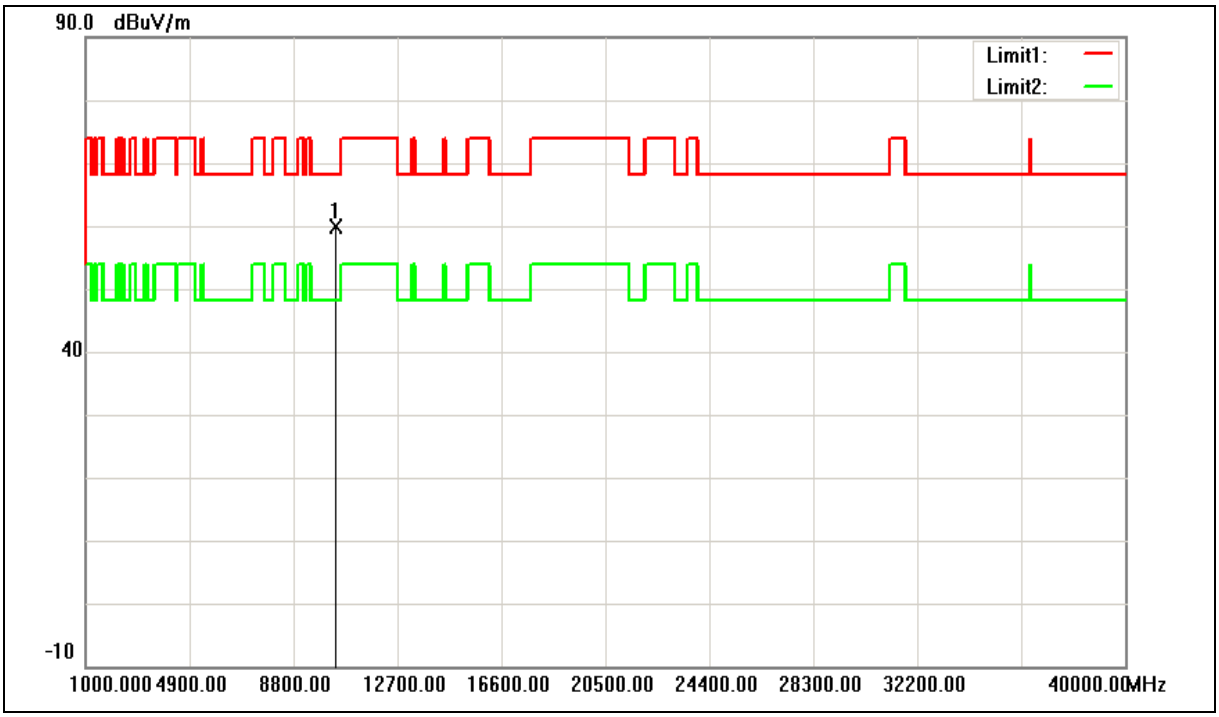
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	56.32	4.97	61.29	68.20	-6.91	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5180MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



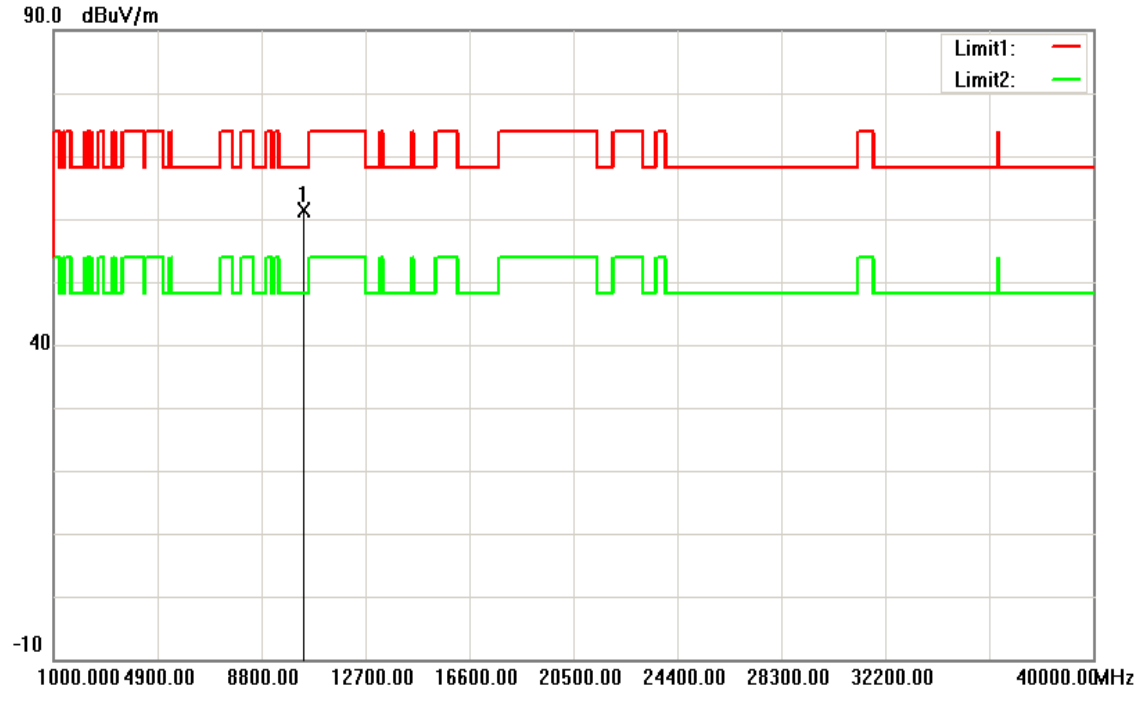
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	54.84	4.97	59.81	68.20	-8.39	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5200MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



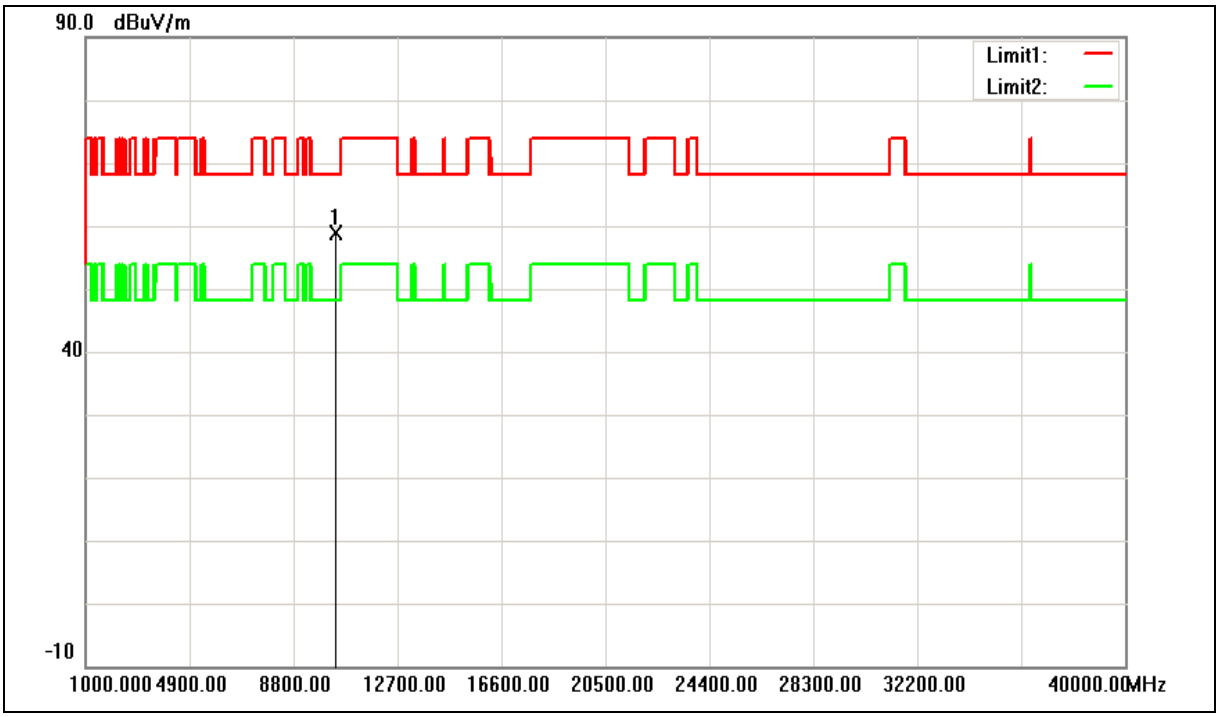
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	56.22	5.07	61.29	68.20	-6.91	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5200MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



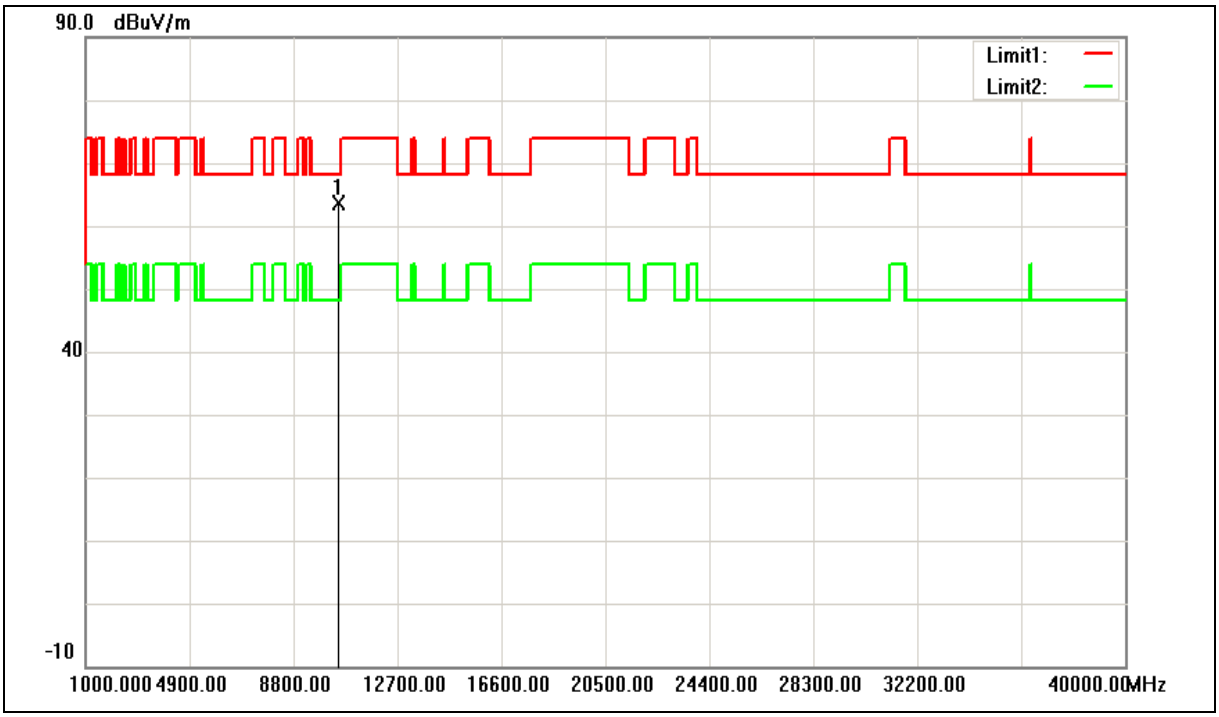
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	53.90	5.07	58.97	68.20	-9.23	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5240MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



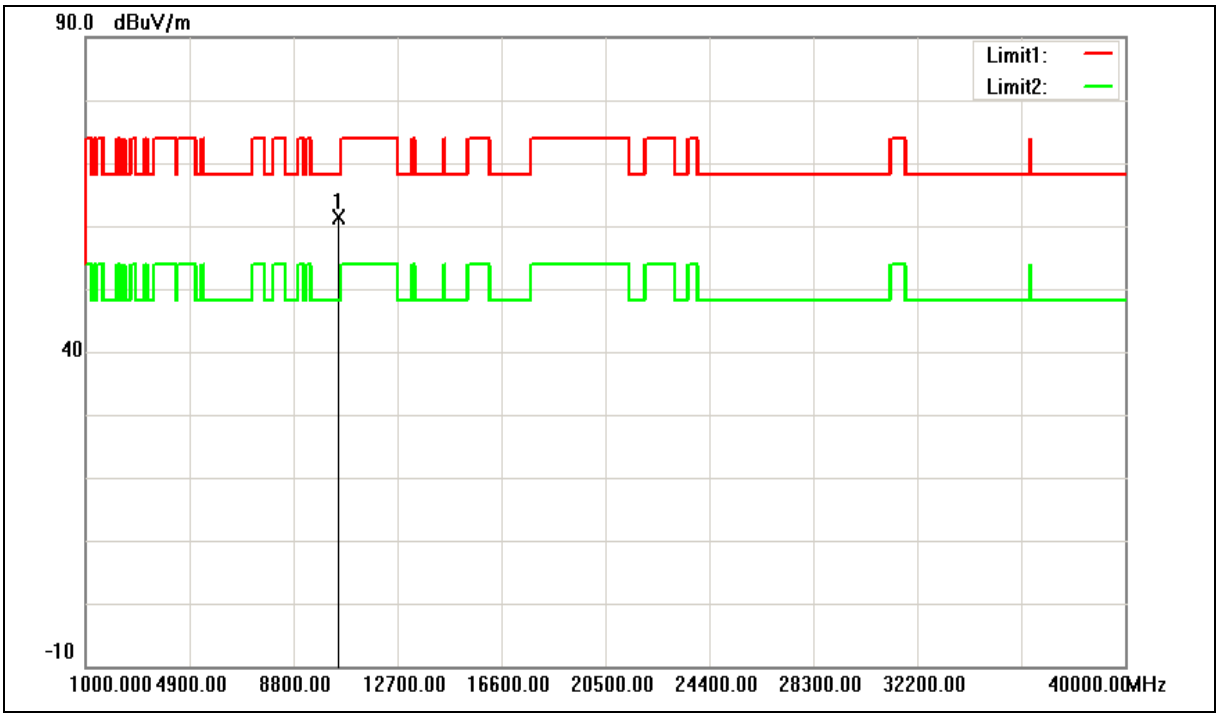
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	58.49	5.25	63.74	68.20	-4.46	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5240MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



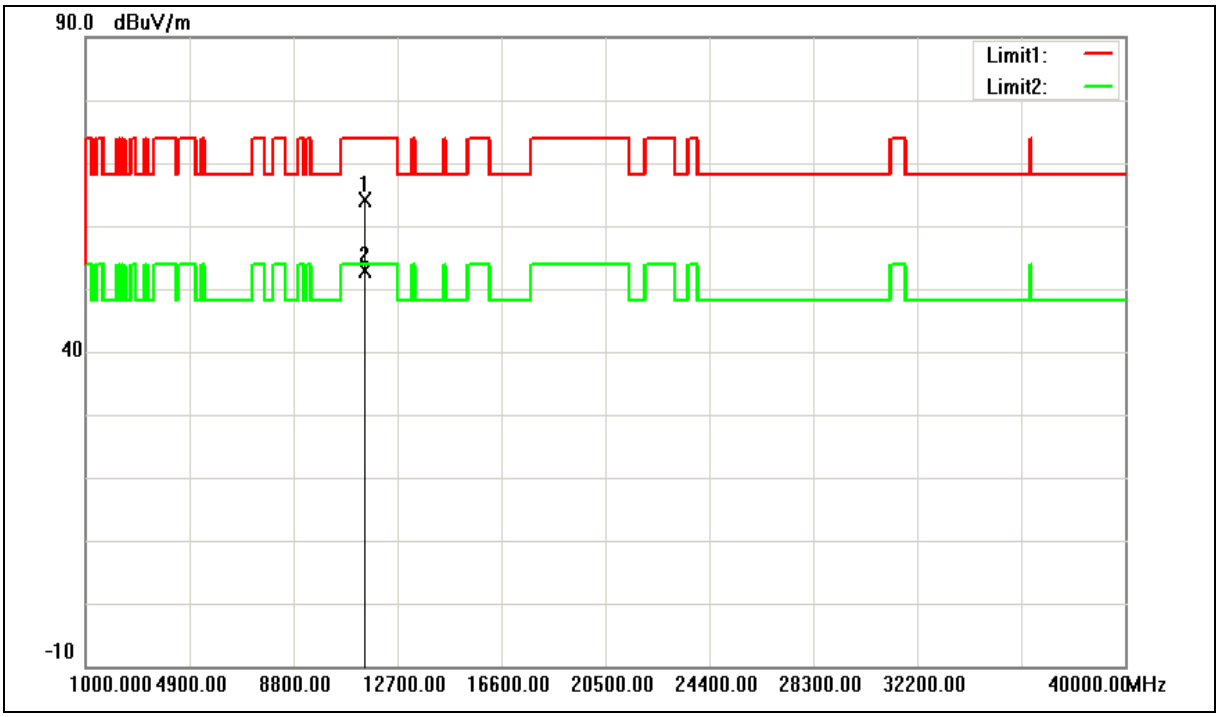
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	56.21	5.25	61.46	68.20	-6.74	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5745MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



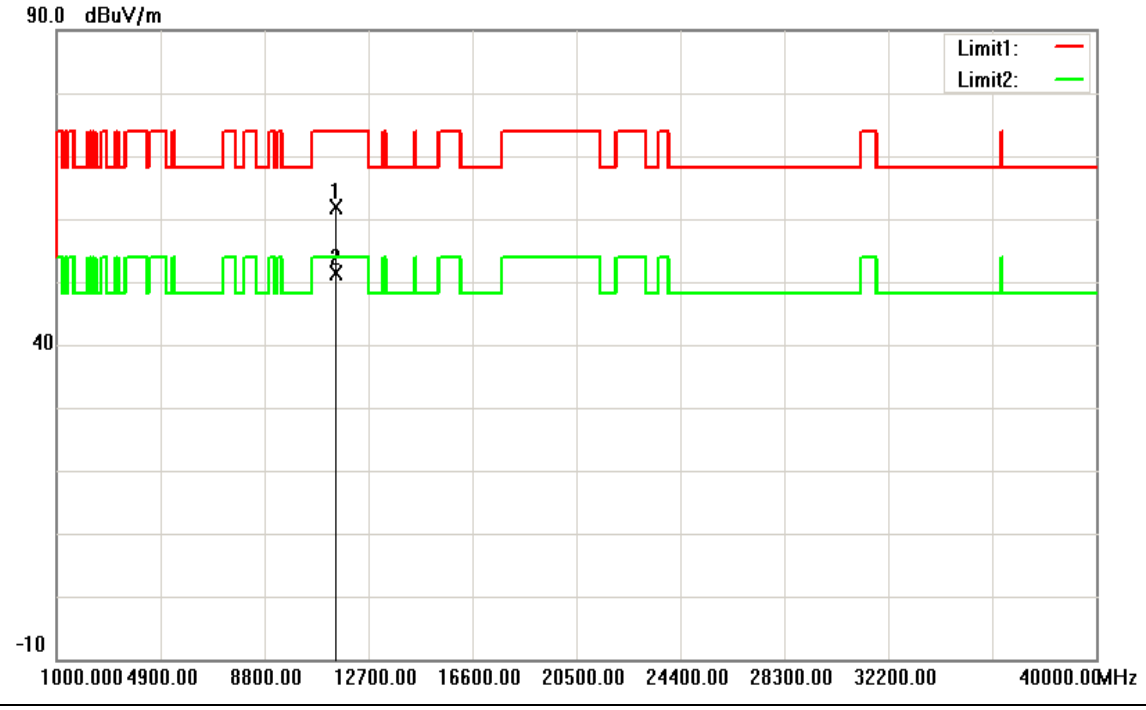
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	58.11	6.14	64.25	74.00	-9.75	peak
2	11490.000	46.81	6.14	52.95	54.00	-1.05	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5745MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



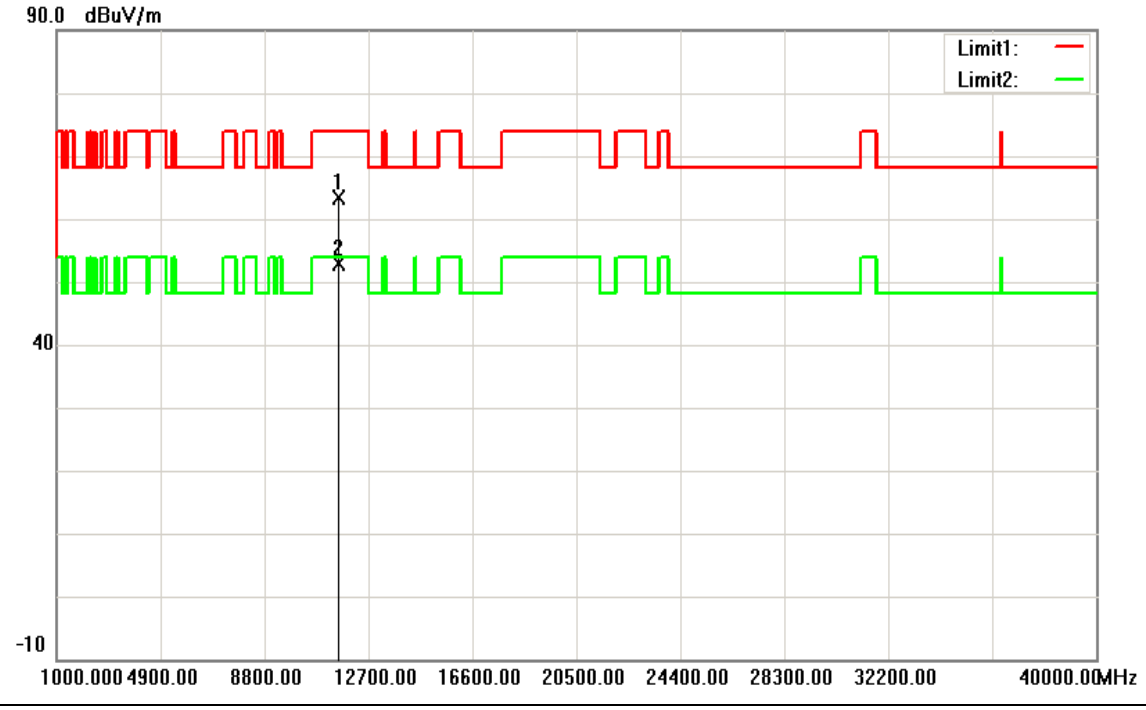
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	55.83	6.14	61.97	74.00	-12.03	peak
2	11490.000	45.35	6.14	51.49	54.00	-2.51	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5785MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



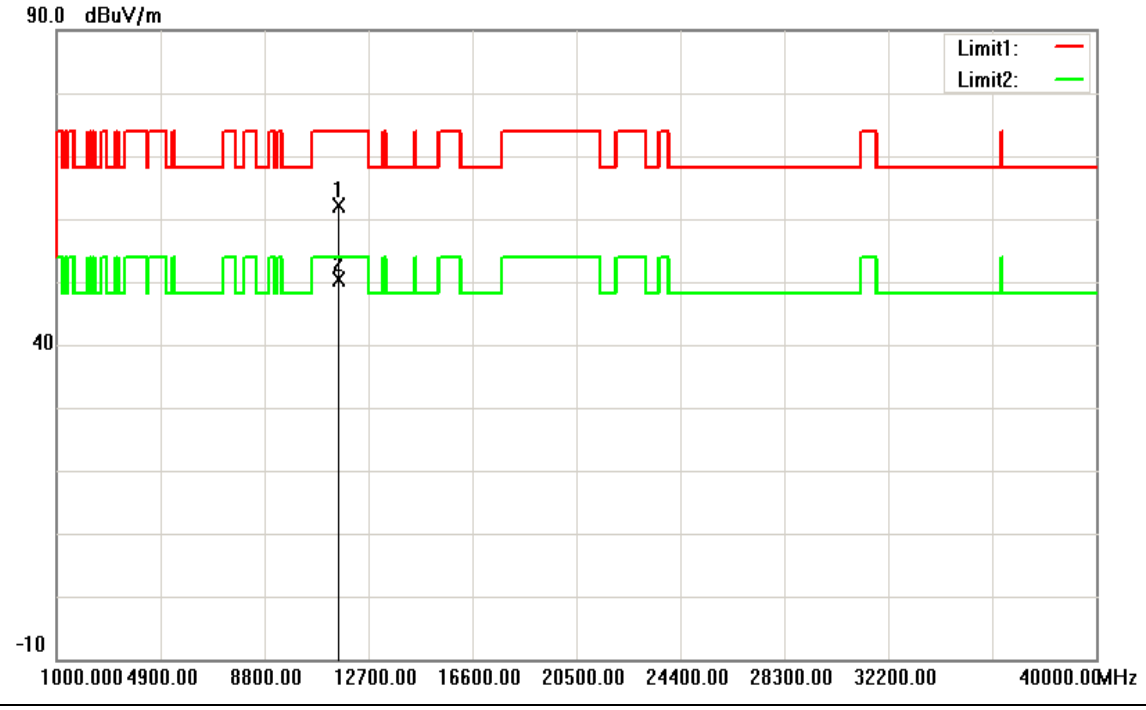
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	56.99	6.35	63.34	74.00	-10.66	peak
2	11570.000	46.55	6.35	52.90	54.00	-1.10	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5785MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



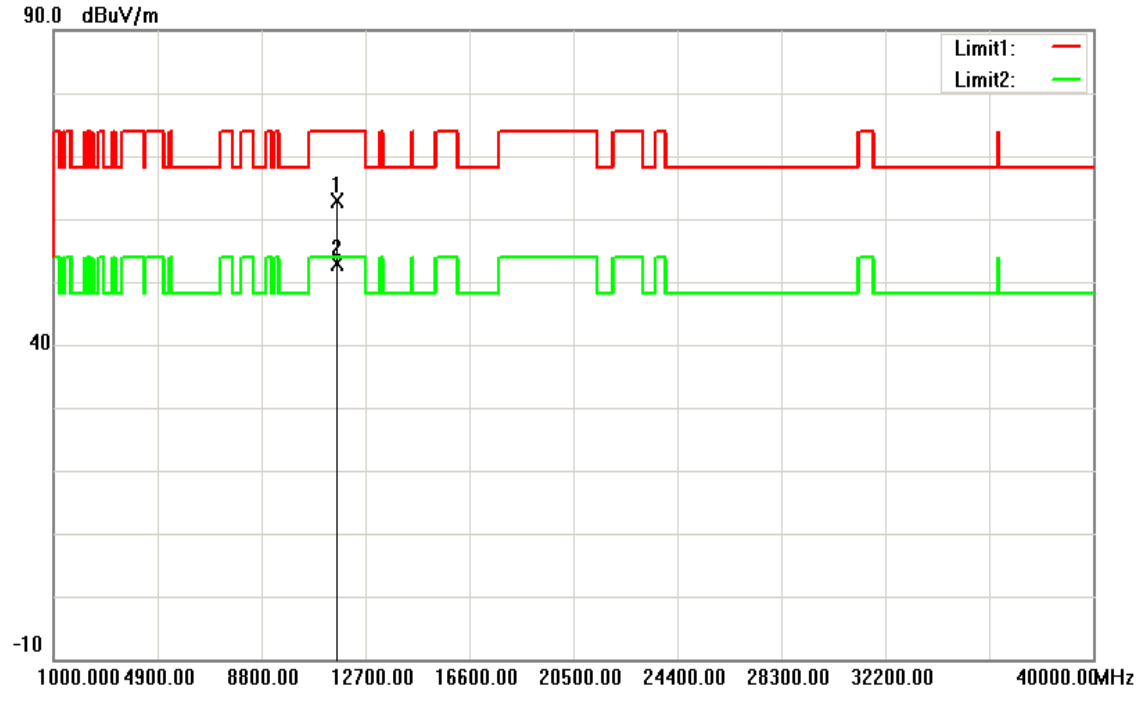
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	55.78	6.35	62.13	74.00	-11.87	peak
2	11570.000	44.03	6.35	50.38	54.00	-3.62	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5825MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



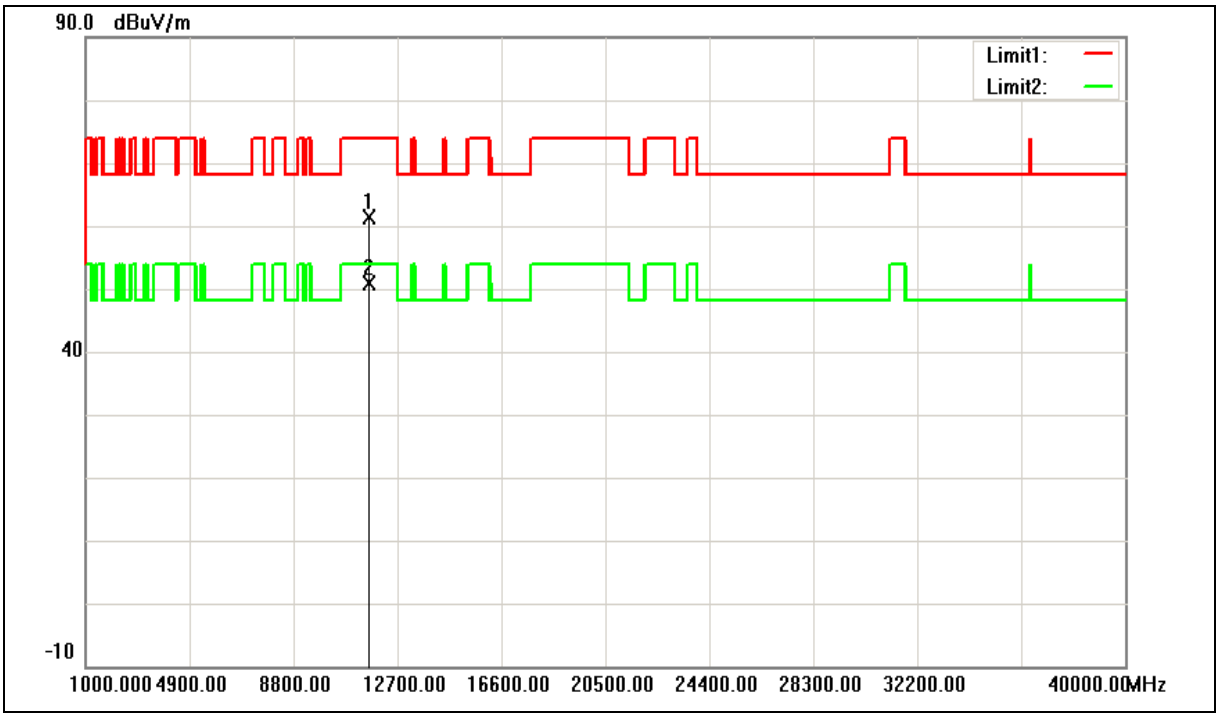
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	56.24	6.58	62.82	74.00	-11.18	peak
2	11650.000	46.23	6.58	52.81	54.00	-1.19	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5825MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 7	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



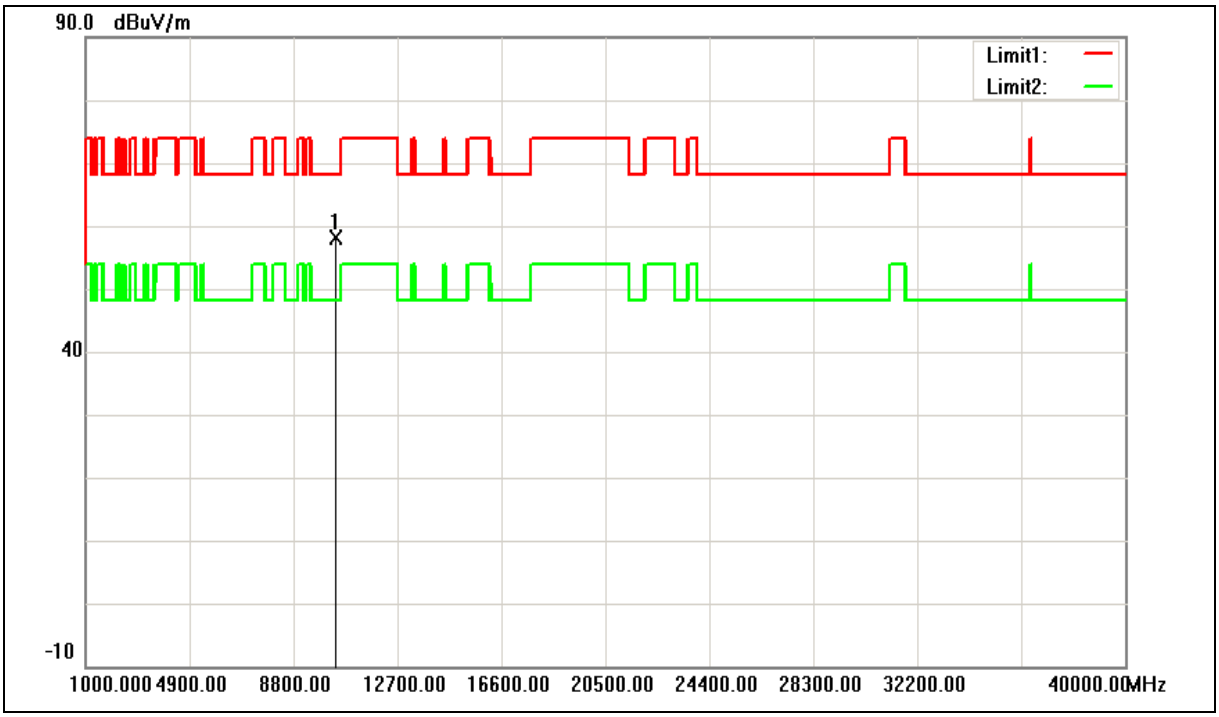
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	54.82	6.58	61.40	74.00	-12.60	peak
2	11650.000	44.21	6.58	50.79	54.00	-3.21	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5190MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 8	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



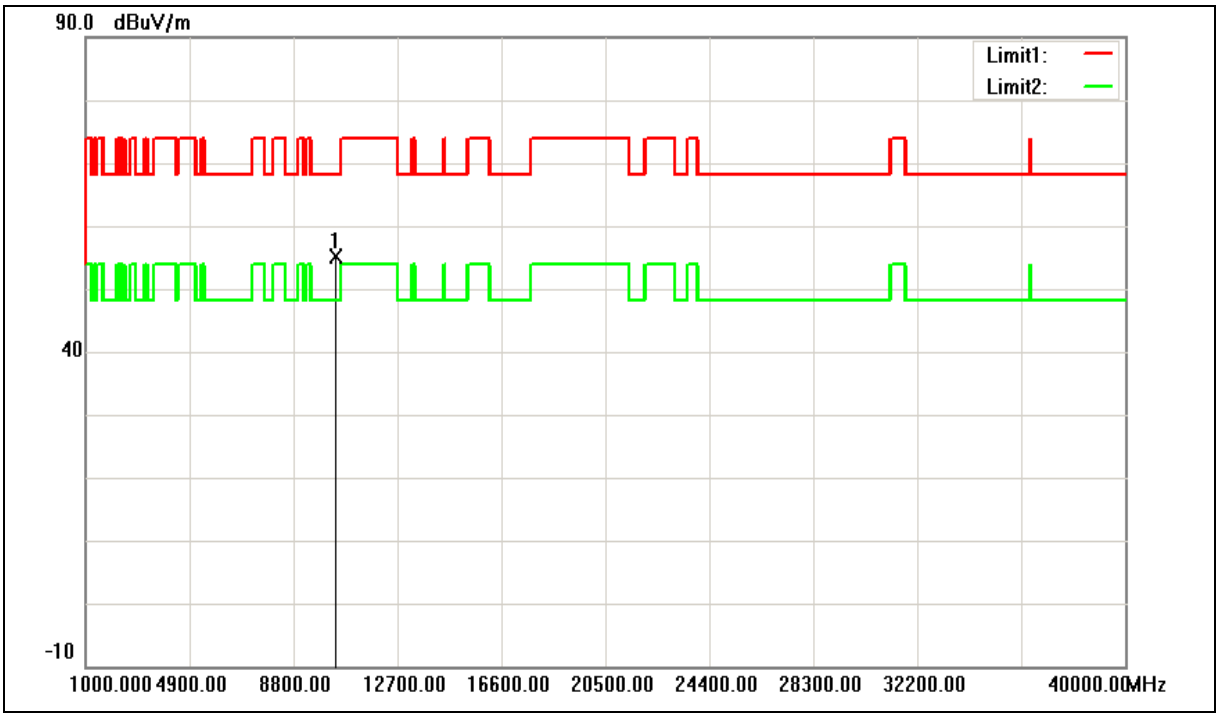
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	53.20	5.01	58.21	68.20	-9.99	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5190MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 8	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



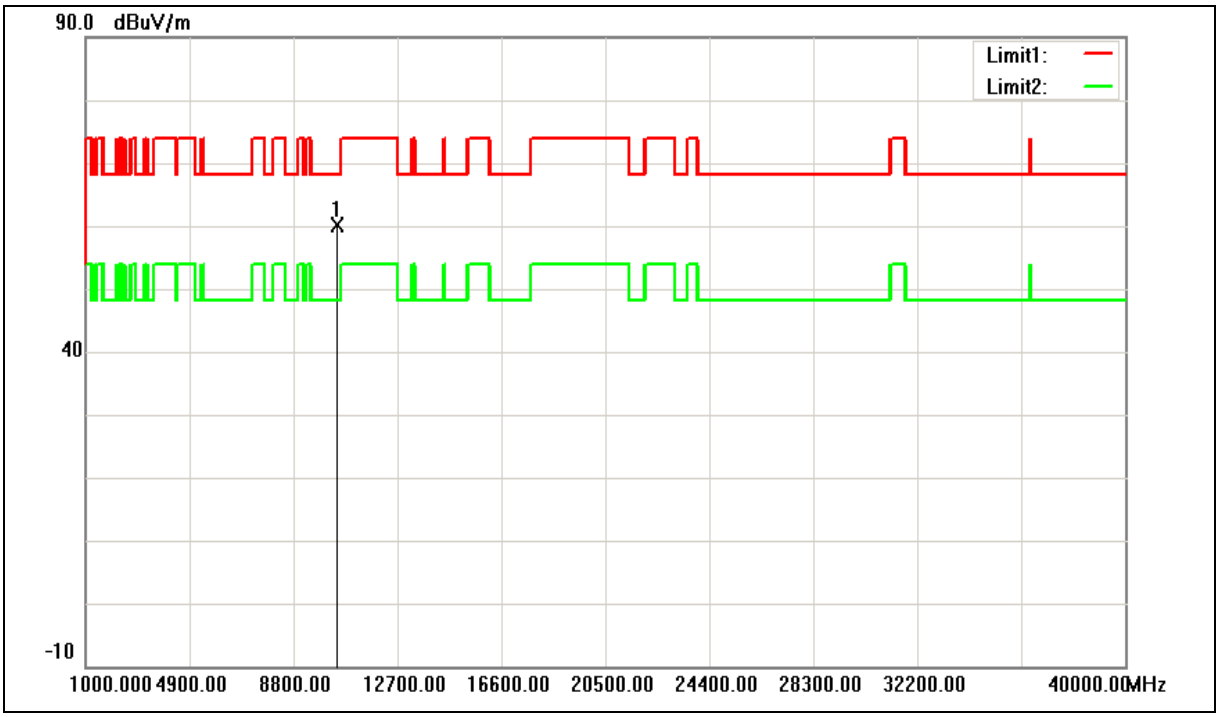
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	50.15	5.01	55.16	68.20	-13.04	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5230MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 8	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



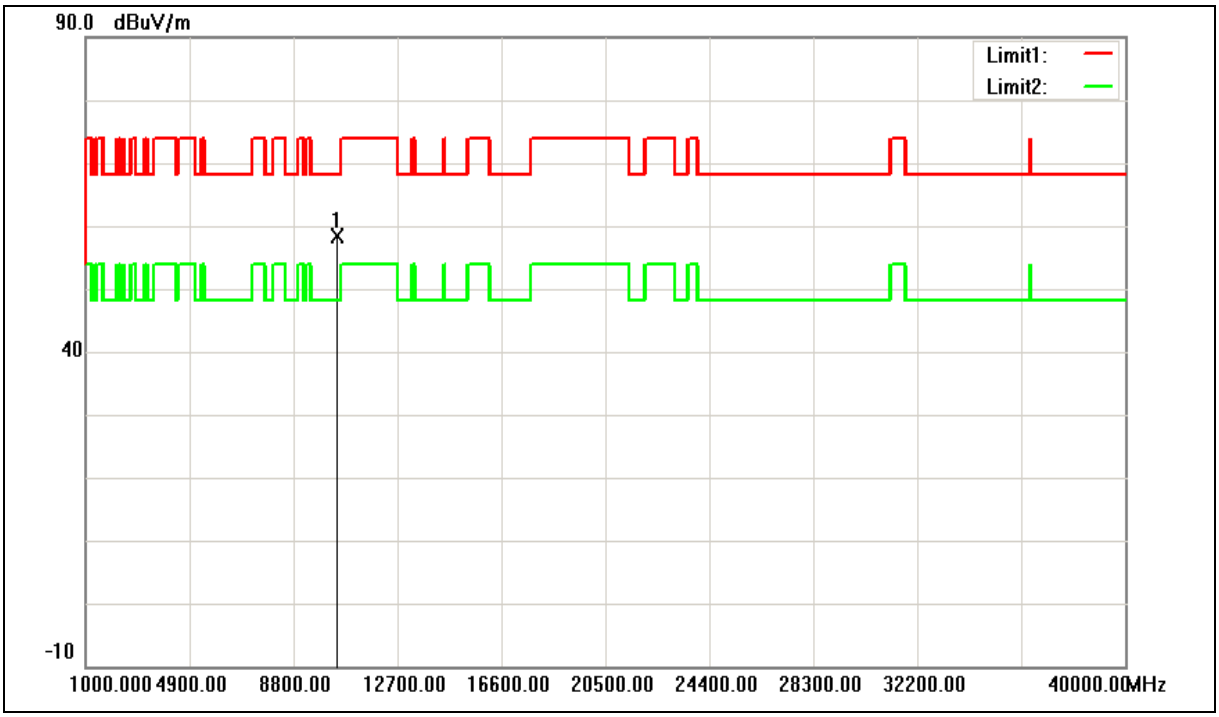
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	54.80	5.22	60.02	68.20	-8.18	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5230MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 8	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



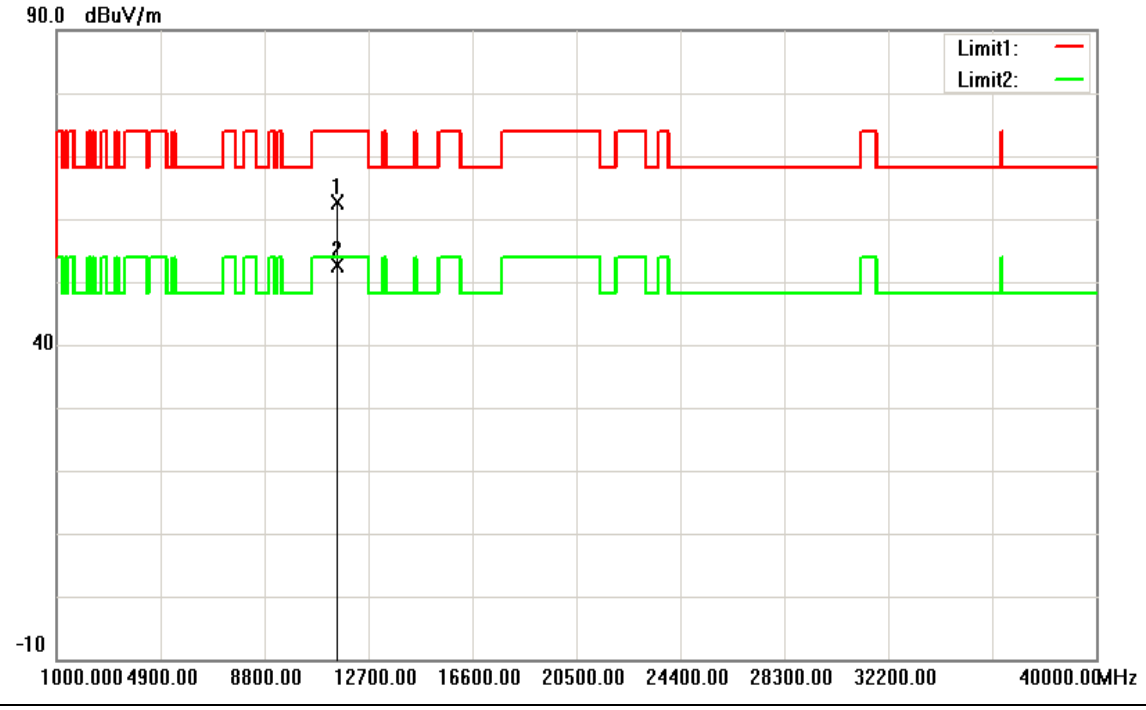
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	53.08	5.22	58.30	68.20	-9.90	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5755MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 8	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



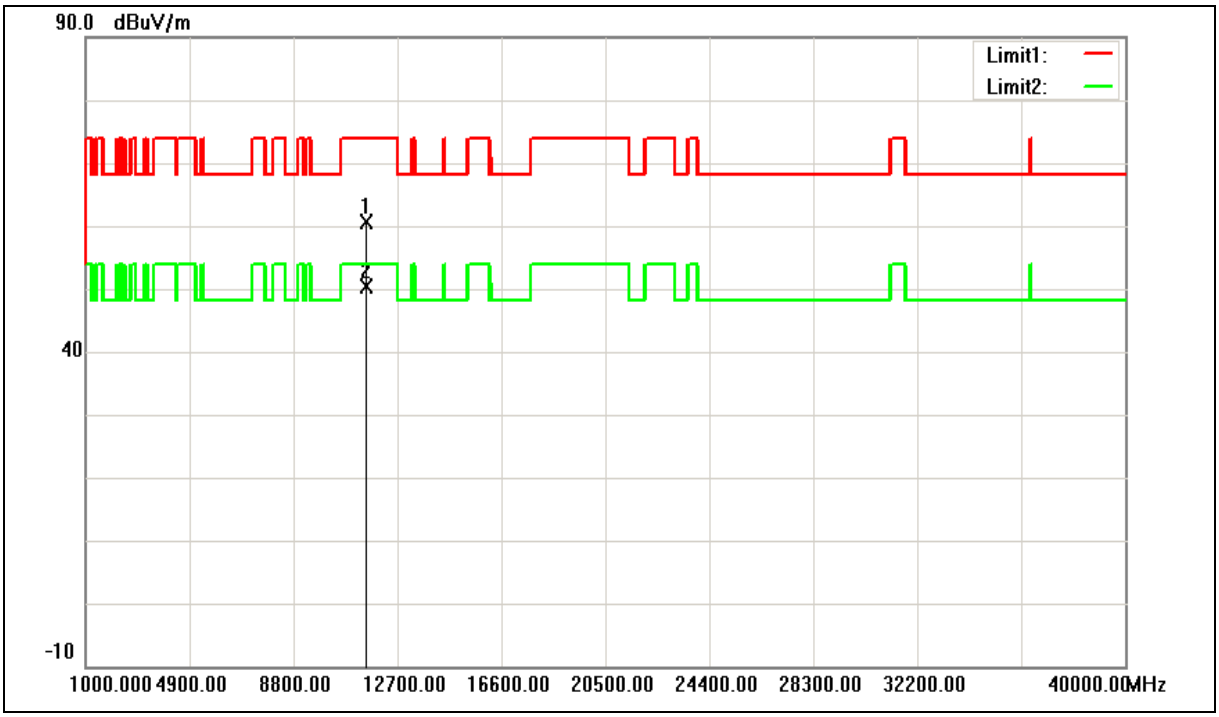
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	56.38	6.17	62.55	74.00	-11.45	peak
2	11510.000	46.46	6.17	52.63	54.00	-1.37	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5755MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 8	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



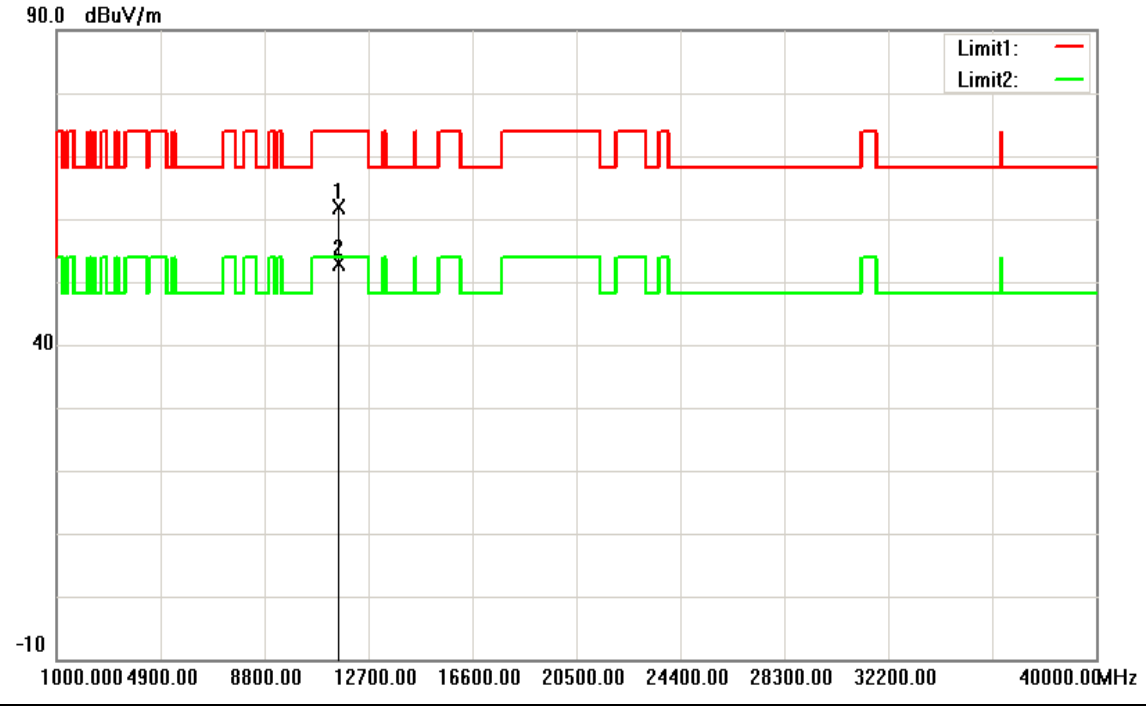
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	54.55	6.17	60.72	74.00	-13.28	peak
2	11510.000	44.10	6.17	50.27	54.00	-3.73	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5795MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 8	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



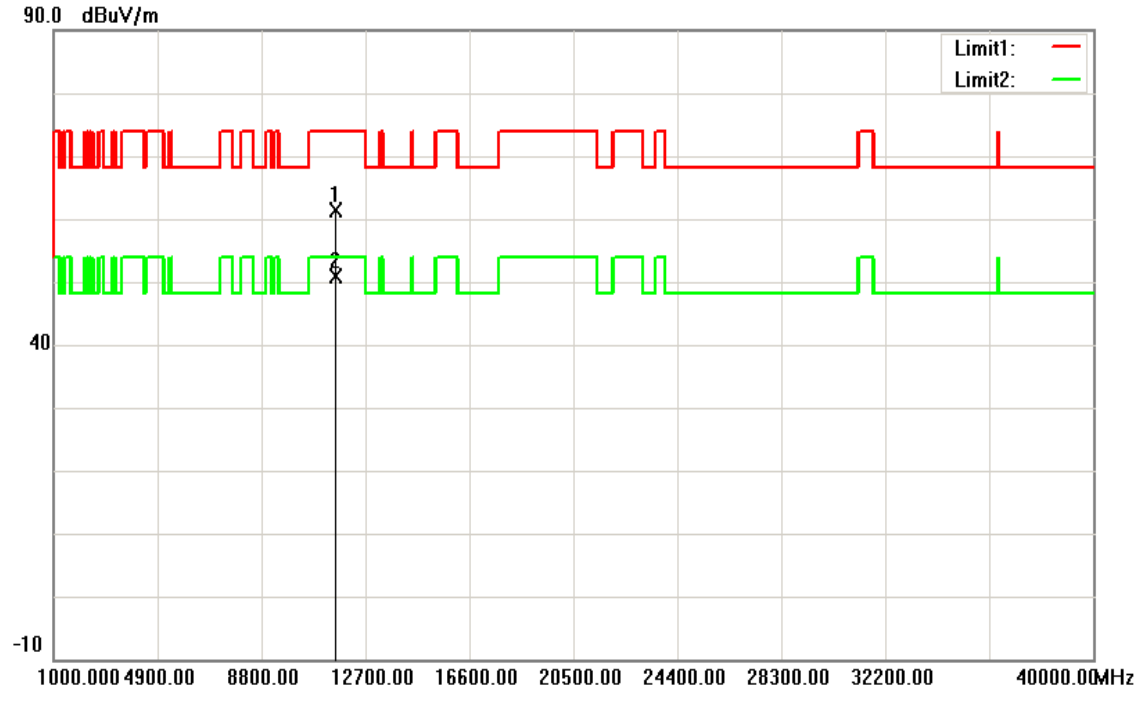
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	55.47	6.41	61.88	74.00	-12.12	peak
2	11590.000	46.49	6.41	52.90	54.00	-1.10	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5795MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 8	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



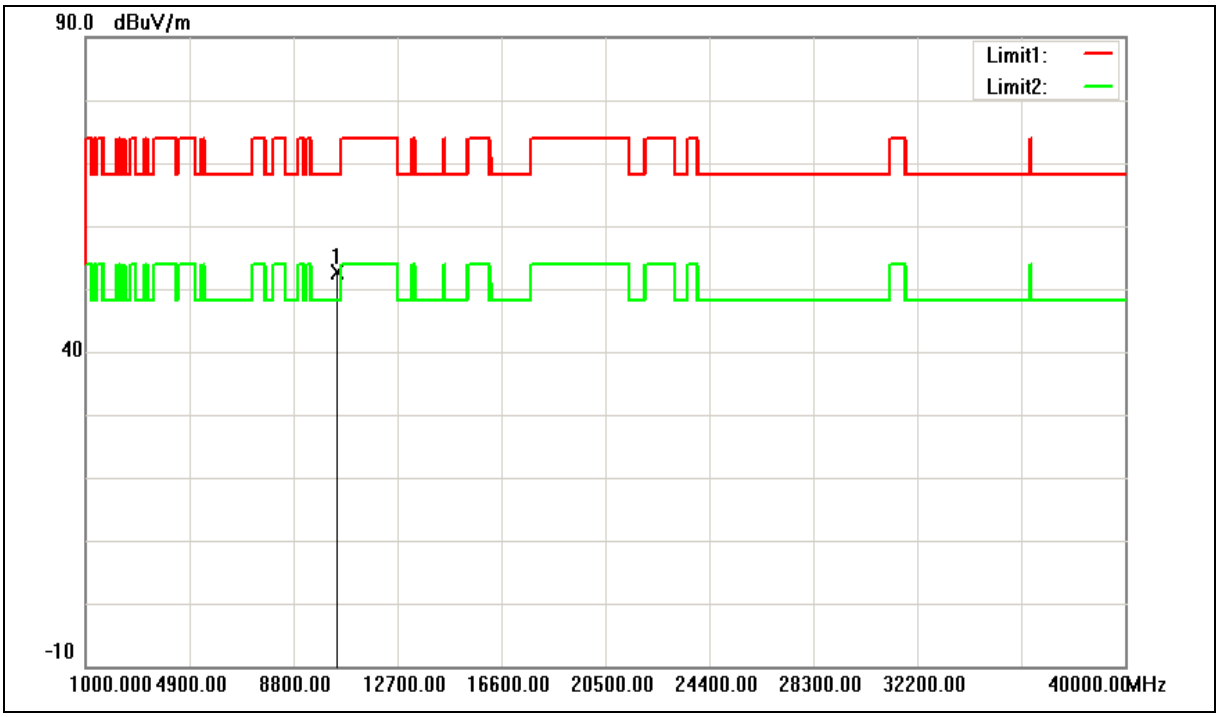
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	54.88	6.41	61.29	74.00	-12.71	peak
2	11590.000	44.35	6.41	50.76	54.00	-3.24	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5210MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 9	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



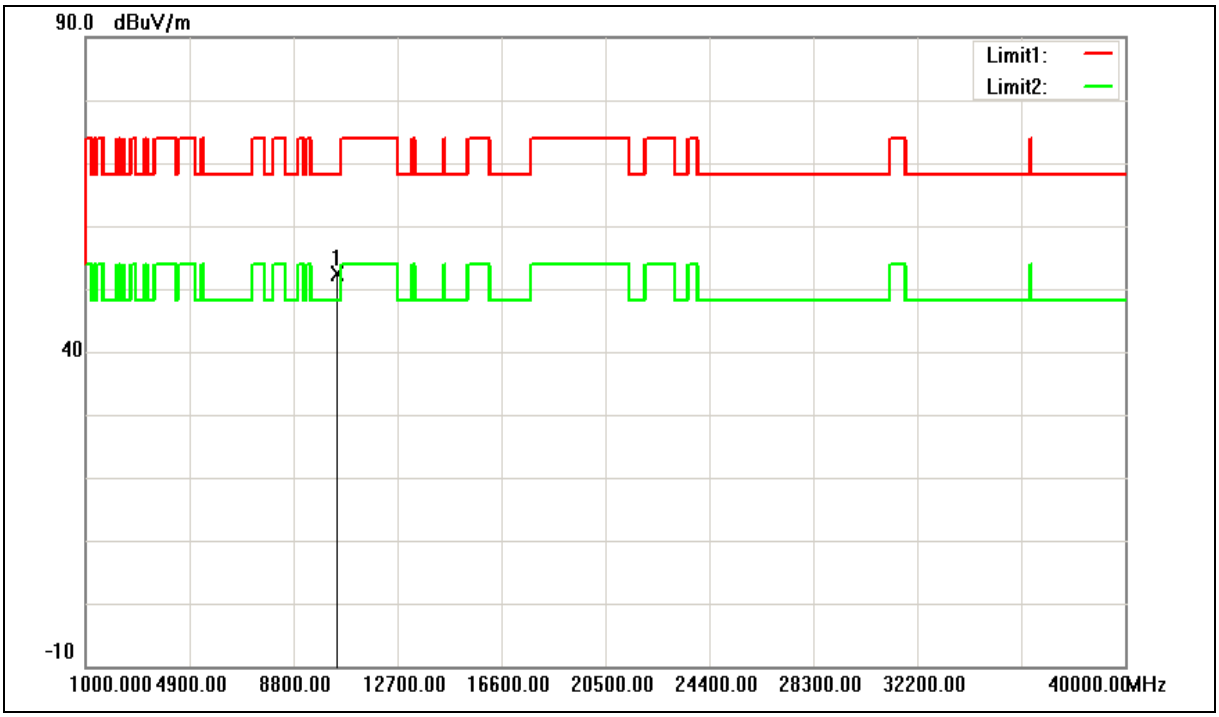
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	47.44	5.11	52.55	68.20	-15.65	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5210MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 9	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



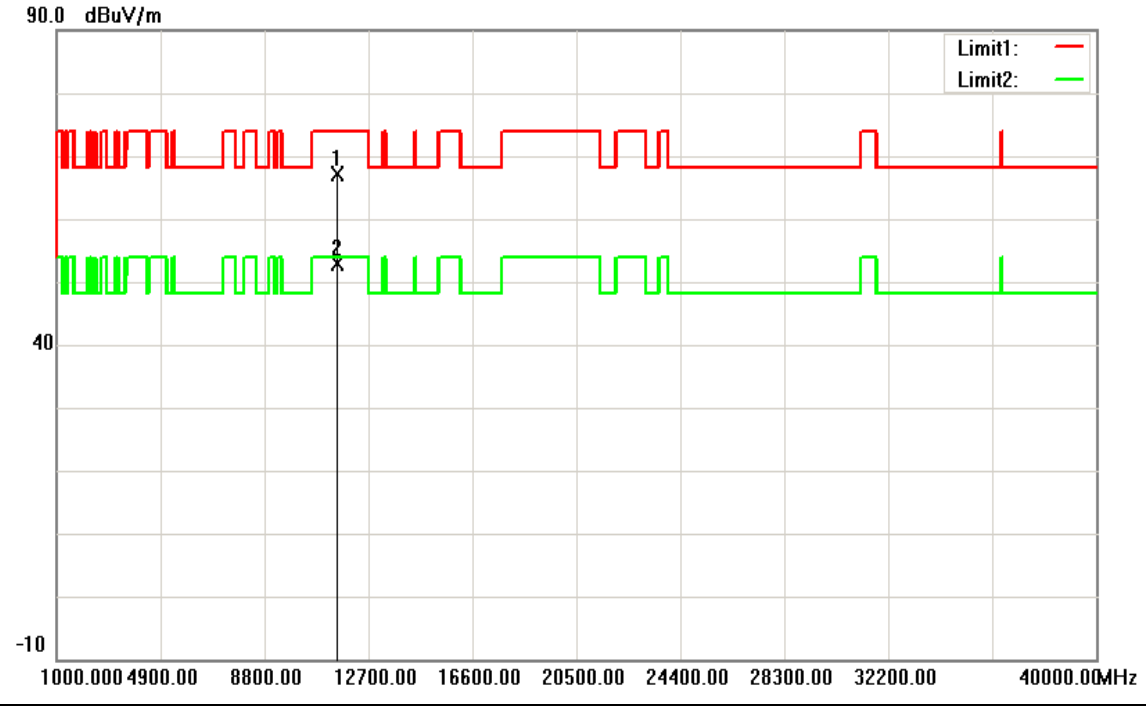
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	47.27	5.11	52.38	68.20	-15.82	peak

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5775MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 9	Date:	2016/10/9
Ant.Polar.:	Horizontal		
Description:			
Beamforming on			



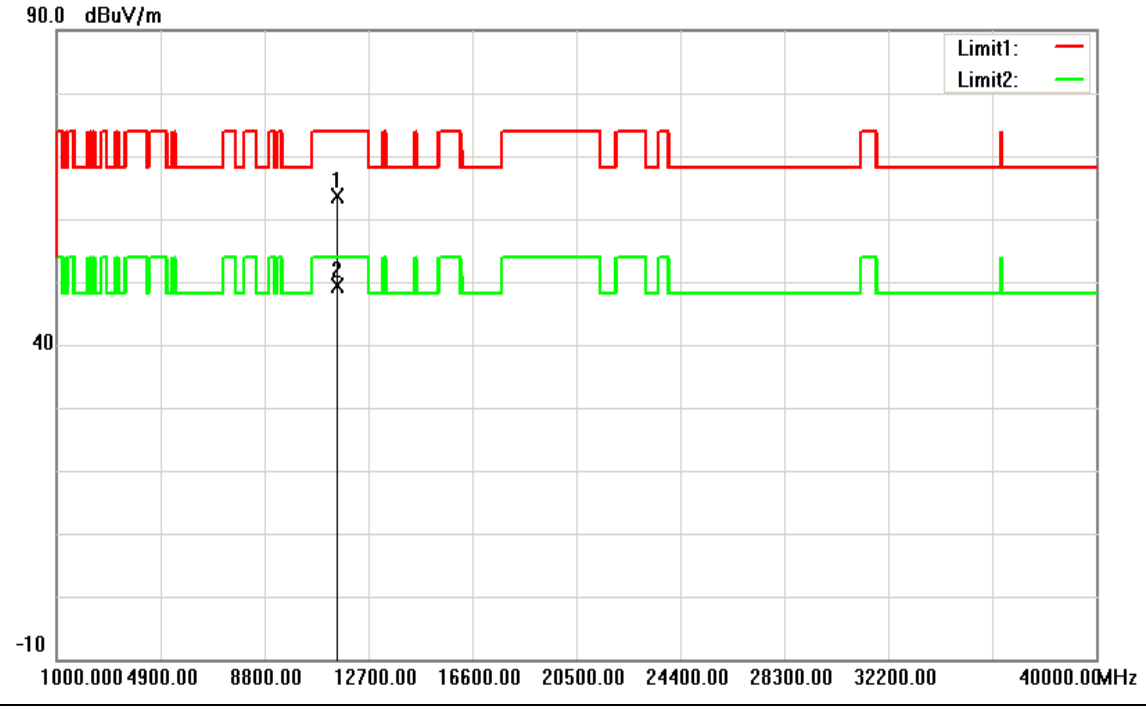
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	60.73	6.29	67.02	74.00	-6.98	peak
2	11550.000	46.63	6.29	52.92	54.00	-1.08	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Frequency:	5775MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Mode:	Mode 9	Date:	2016/10/9
Ant.Polar.:	Vertical		
Description:			
Beamforming on			



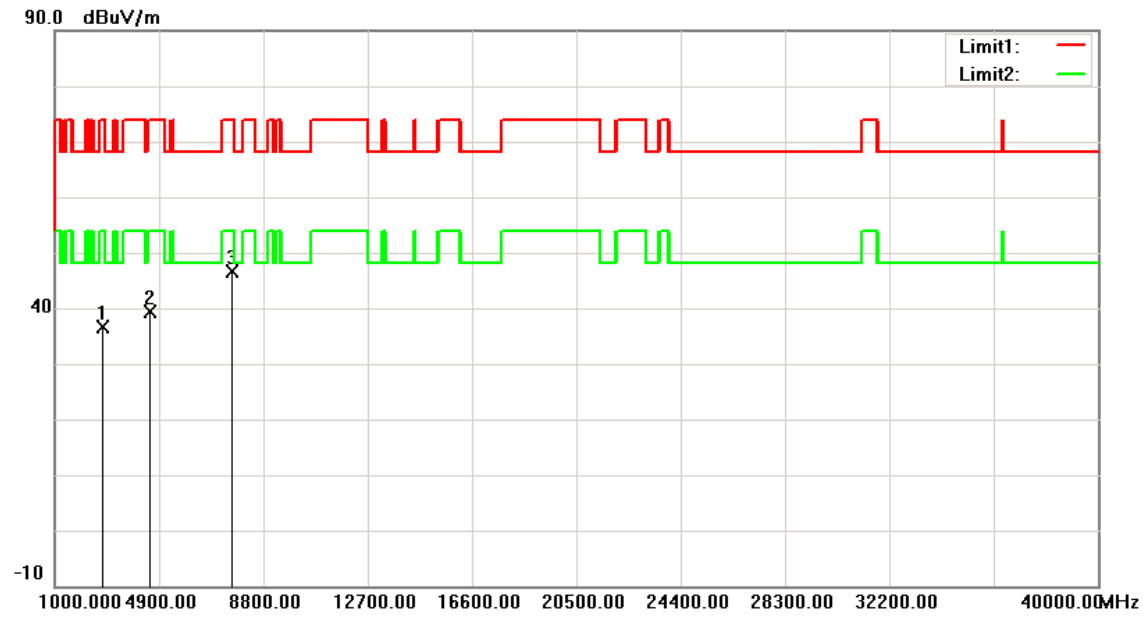
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	57.30	6.29	63.59	74.00	-10.41	peak
2	11550.000	43.01	6.29	49.30	54.00	-4.70	AVG

註：

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

2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

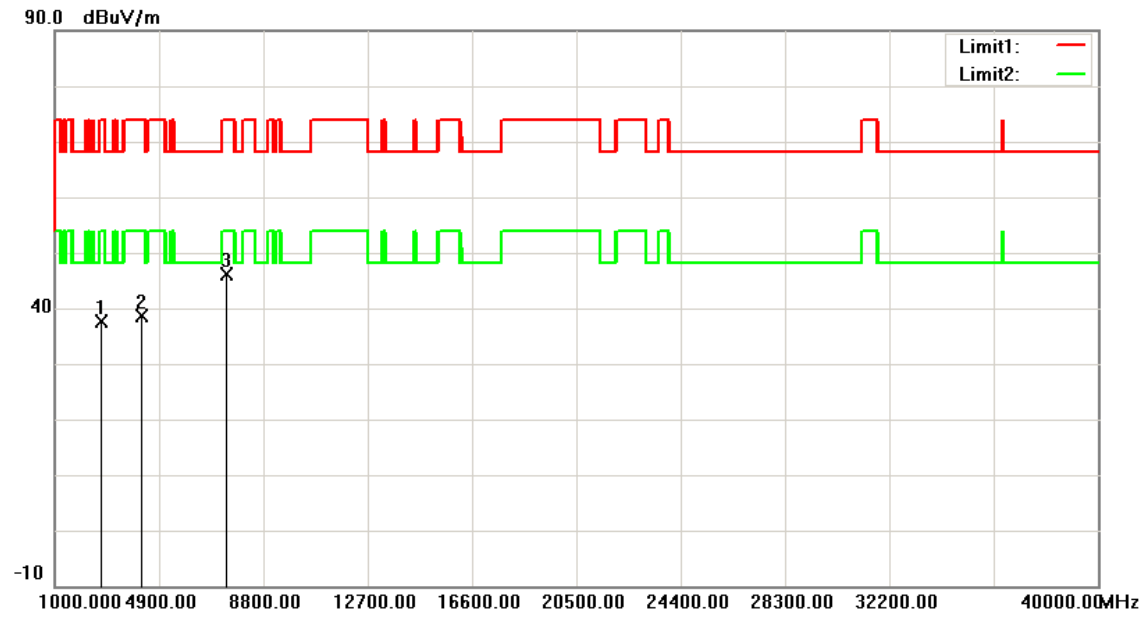
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 10 (5GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Horizontal	Date:	10/09/2016
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	50.17	-13.57	36.60	74.00	-37.40	peak
2	4553.000	48.11	-8.80	39.31	74.00	-34.69	peak
3	7630.000	46.46	0.28	46.74	74.00	-27.26	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 10 (5GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Ant.Polar.:	Vertical	Date:	10/09/2016
Beamforming on			



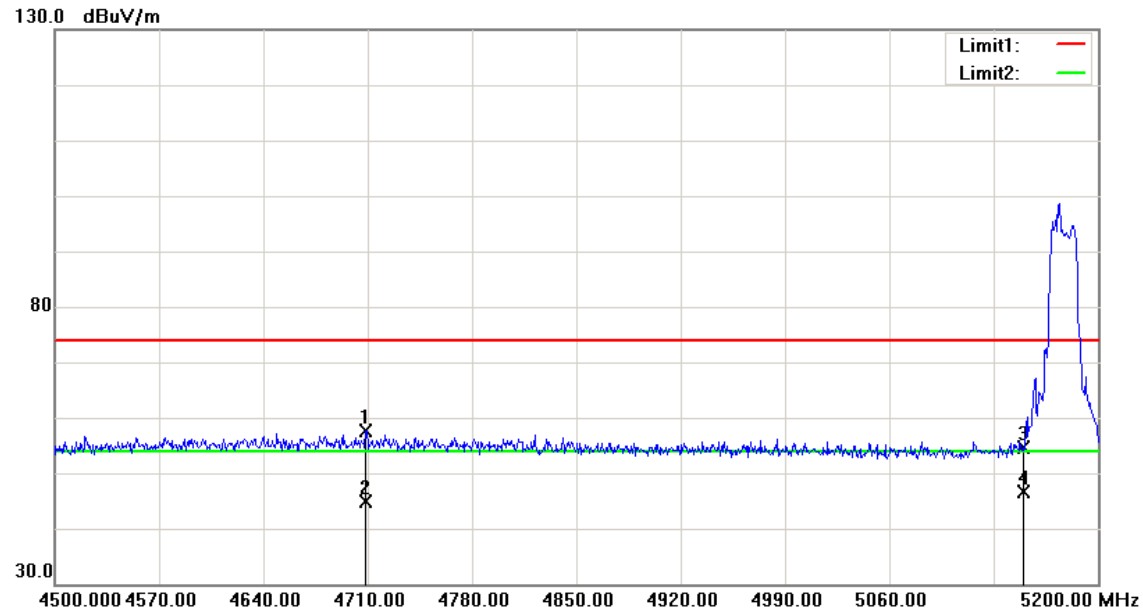
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	51.29	-13.69	37.60	74.00	-36.40	peak
2	4230.000	48.21	-9.64	38.57	74.00	-35.43	peak
3	7443.000	46.42	-0.31	46.11	74.00	-27.89	peak

註： 1.Result (dBuV/m) = Correct Factor(dB/m) + Reading(dBuV)。
2.Correct Factor(dB/m) = 天線係數(dB/m) + 量測信號線損失(dB) – 放大器增益(dB)。

頻帶邊緣

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

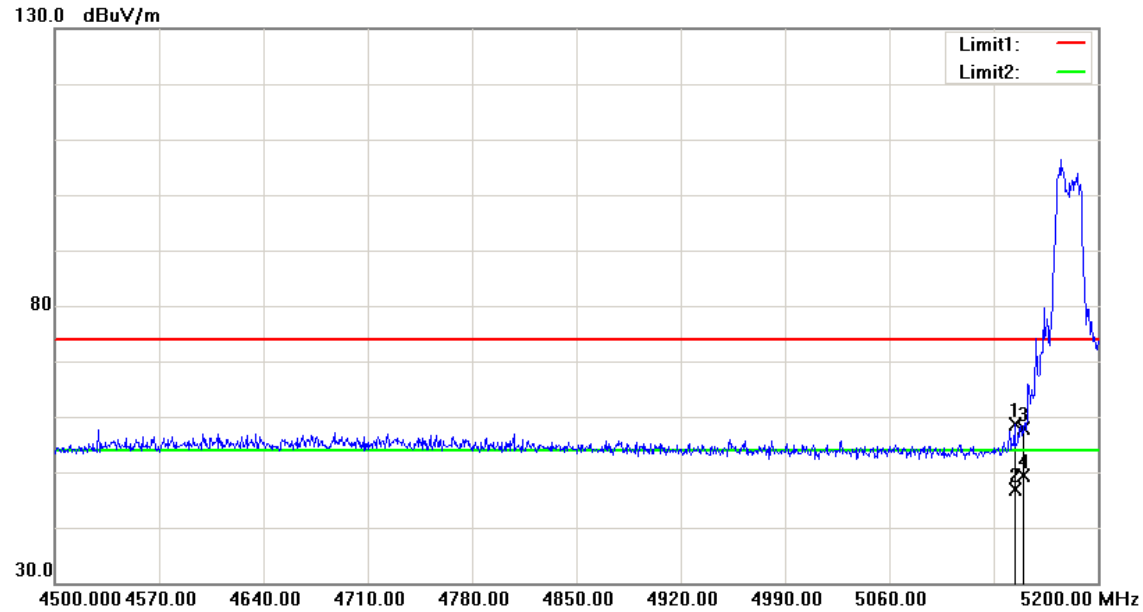
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4708.600	50.76	6.99	57.75	74.00	-16.25	peak
2	4708.600	37.95	6.99	44.94	54.00	-9.06	AVG
3	5150.000	46.45	8.16	54.61	74.00	-19.39	peak
4	5150.000	38.59	8.16	46.75	54.00	-7.25	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

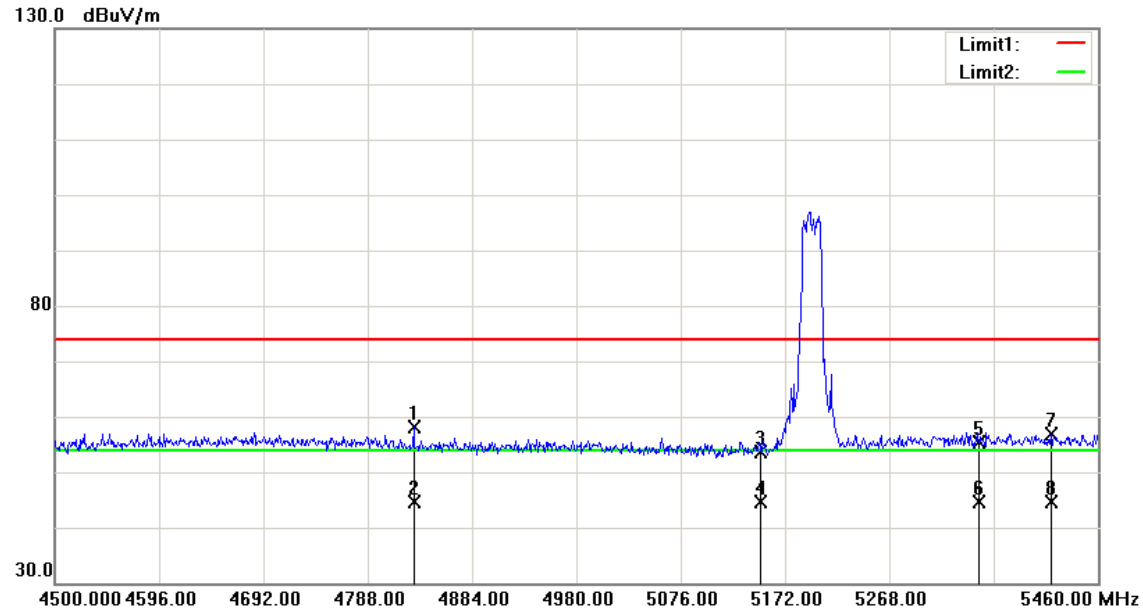
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.000	50.42	8.15	58.57	74.00	-15.43	peak
2	5144.000	38.80	8.15	46.95	54.00	-7.05	AVG
3	5150.000	49.65	8.16	57.81	74.00	-16.19	peak
4	5150.000	41.16	8.16	49.32	54.00	-4.68	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

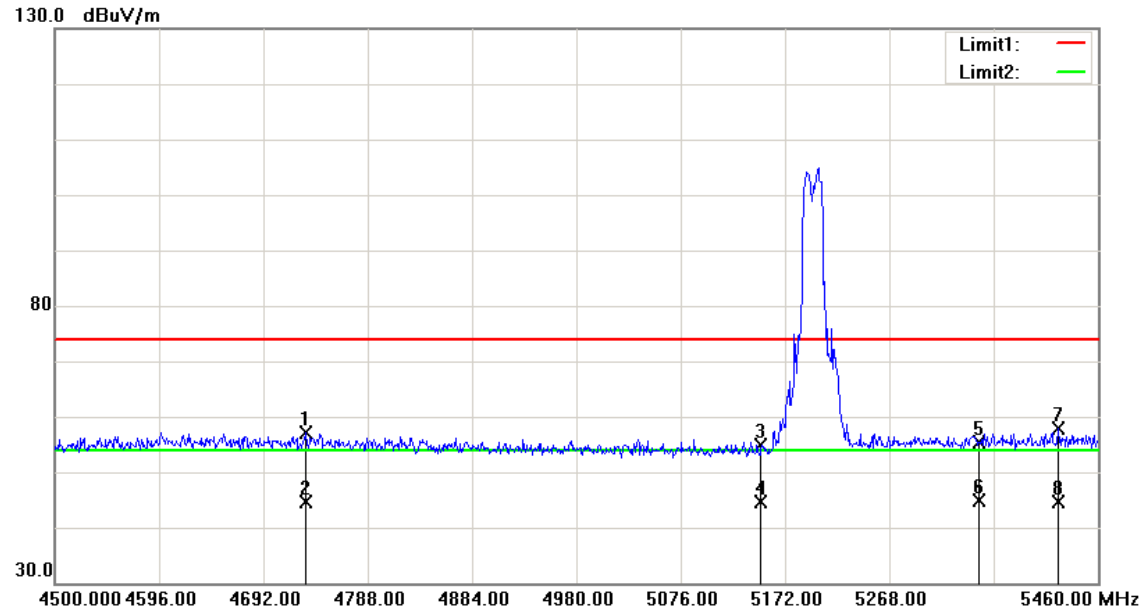
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4830.240	50.64	7.43	58.07	74.00	-15.93	peak
2	4830.240	37.25	7.43	44.68	54.00	-9.32	AVG
3	5150.000	45.58	8.16	53.74	74.00	-20.26	peak
4	5150.000	36.58	8.16	44.74	54.00	-9.26	AVG
5	5350.000	46.93	8.33	55.26	74.00	-18.74	peak
6	5350.000	36.26	8.33	44.59	54.00	-9.41	AVG
7	5416.800	48.48	8.39	56.87	74.00	-17.13	peak
8	5416.800	36.27	8.39	44.66	54.00	-9.34	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

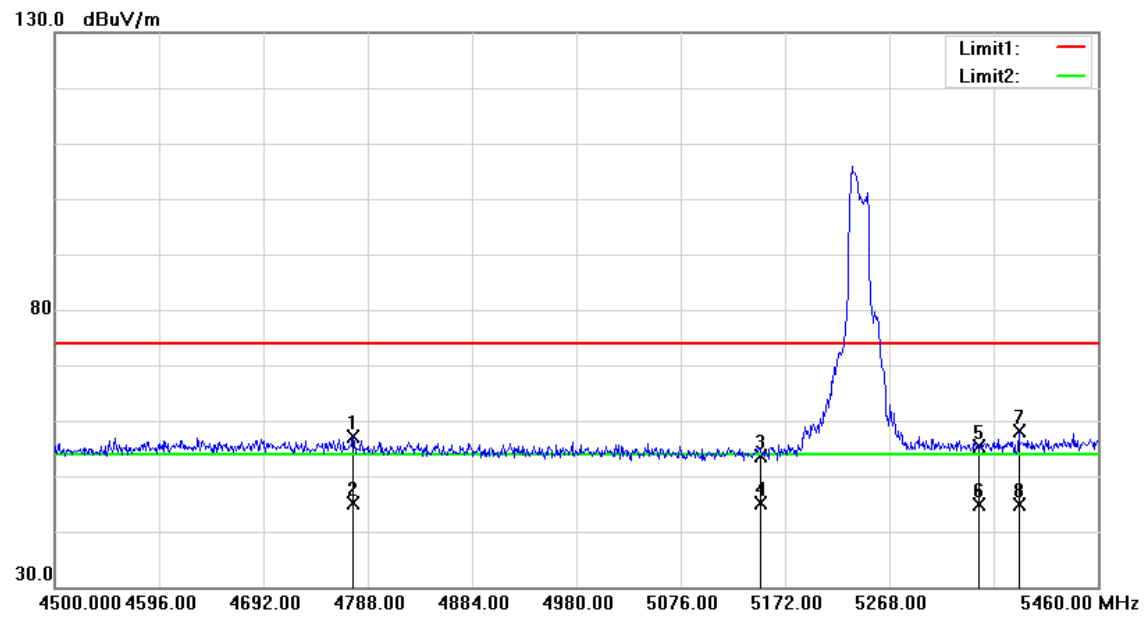
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4730.400	50.08	7.08	57.16	74.00	-16.84	peak
2	4730.400	37.45	7.08	44.53	54.00	-9.47	AVG
3	5150.000	46.79	8.16	54.95	74.00	-19.05	peak
4	5150.000	36.53	8.16	44.69	54.00	-9.31	AVG
5	5350.000	47.16	8.33	55.49	74.00	-18.51	peak
6	5350.000	36.44	8.33	44.77	54.00	-9.23	AVG
7	5423.520	49.59	8.40	57.99	74.00	-16.01	peak
8	5423.520	36.29	8.40	44.69	54.00	-9.31	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

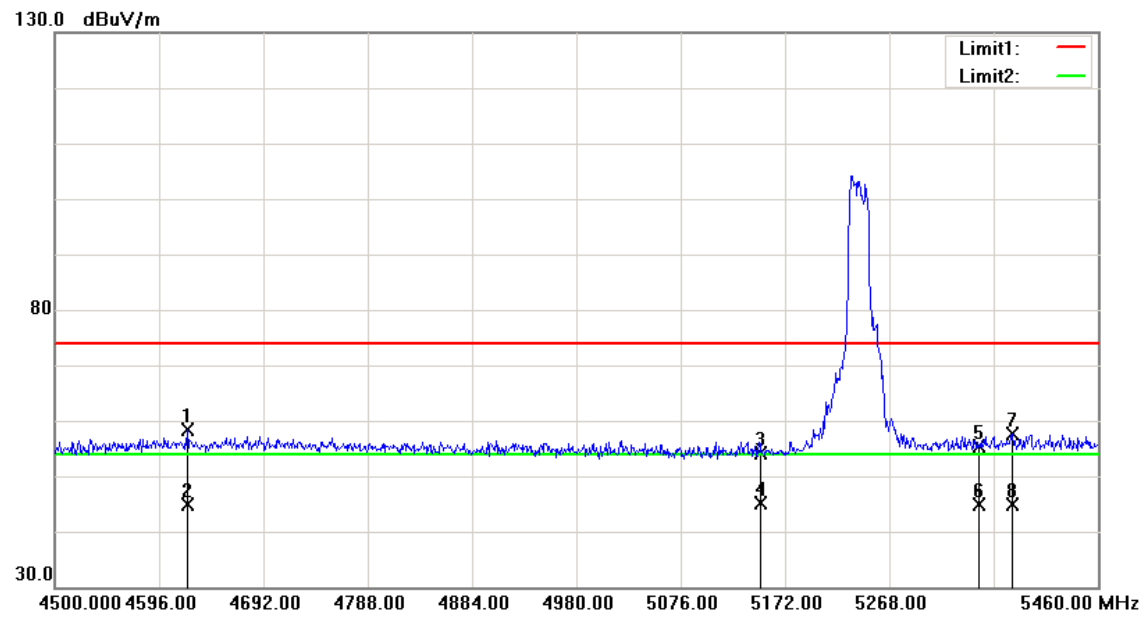
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4774.560	50.02	7.23	57.25	74.00	-16.75	peak
2	4774.560	37.88	7.23	45.11	54.00	-8.89	AVG
3	5150.000	45.55	8.16	53.71	74.00	-20.29	peak
4	5150.000	36.86	8.16	45.02	54.00	-8.98	AVG
5	5350.000	47.04	8.33	55.37	74.00	-18.63	peak
6	5350.000	36.63	8.33	44.96	54.00	-9.04	AVG
7	5387.040	49.79	8.36	58.15	74.00	-15.85	peak
8	5387.040	36.55	8.36	44.91	54.00	-9.09	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

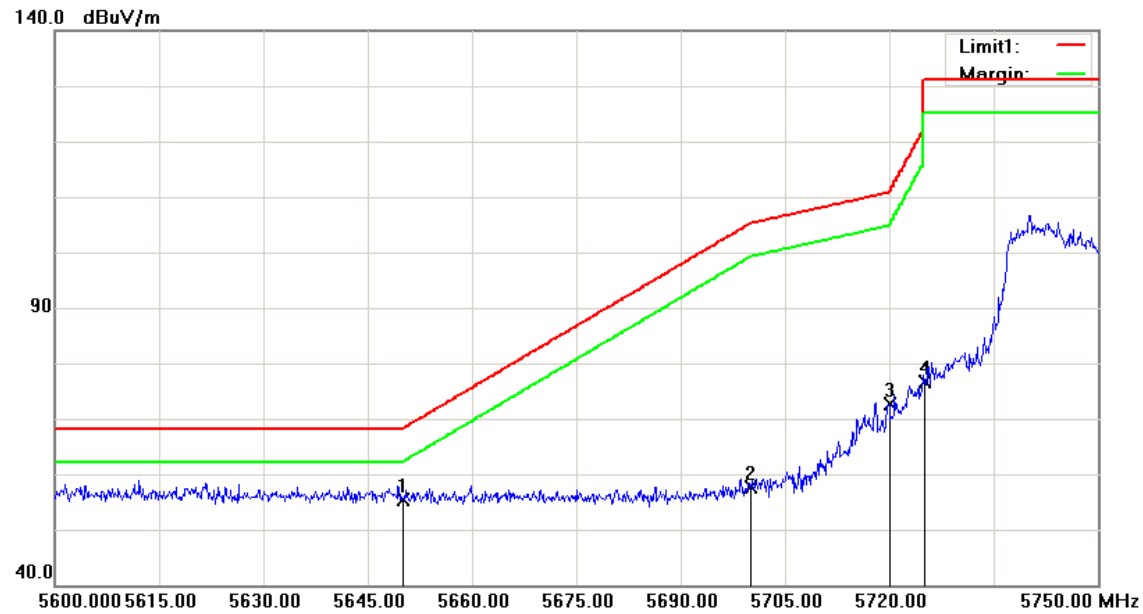
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4621.920	51.74	6.70	58.44	74.00	-15.56	peak
2	4621.920	38.16	6.70	44.86	54.00	-9.14	AVG
3	5150.000	45.90	8.16	54.06	74.00	-19.94	peak
4	5150.000	36.88	8.16	45.04	54.00	-8.96	AVG
5	5350.000	46.93	8.33	55.26	74.00	-18.74	peak
6	5350.000	36.43	8.33	44.76	54.00	-9.24	AVG
7	5381.280	49.17	8.36	57.53	74.00	-16.47	peak
8	5381.280	36.44	8.36	44.80	54.00	-9.20	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

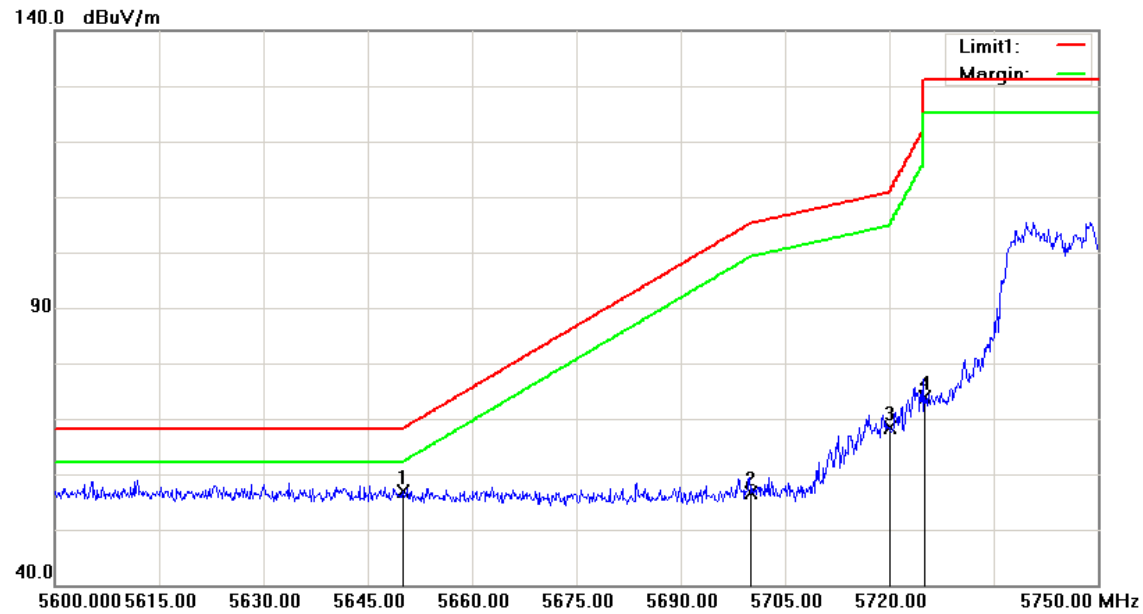
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.55	8.84	55.39	68.20	-12.81	peak
2	5700.000	48.58	8.97	57.55	105.20	-47.65	peak
3	5720.000	63.72	9.01	72.73	110.80	-38.07	peak
4	5725.000	67.66	9.03	76.69	122.20	-45.51	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

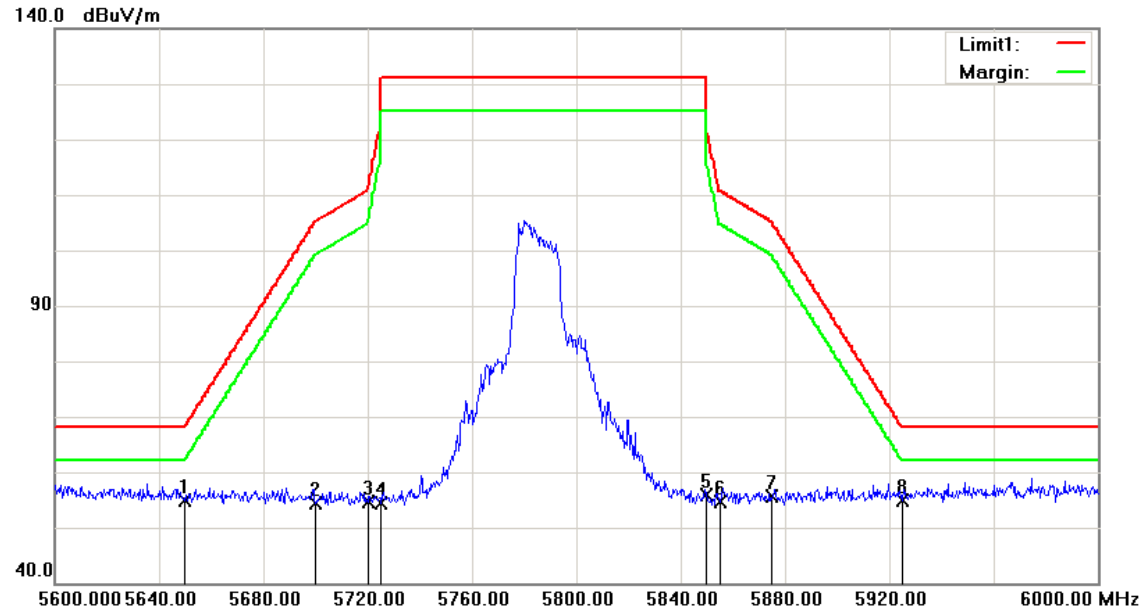
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.96	8.84	56.80	68.20	-11.40	peak
2	5700.000	47.54	8.97	56.51	105.20	-48.69	peak
3	5720.000	59.36	9.01	68.37	110.80	-42.43	peak
4	5725.000	64.96	9.03	73.99	122.20	-48.21	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

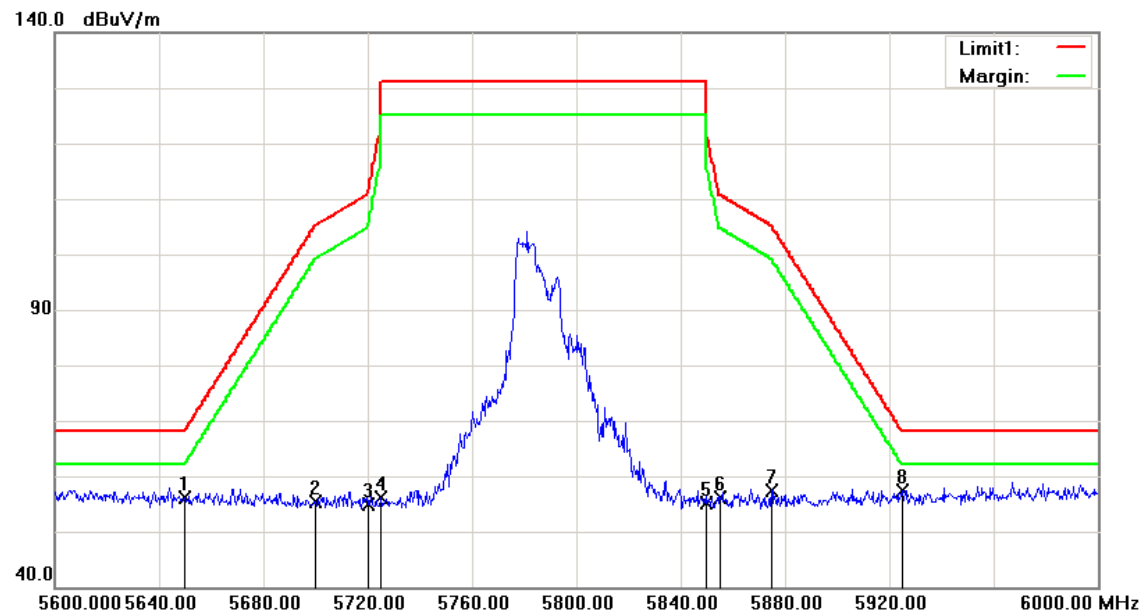
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.09	8.84	54.93	68.20	-13.27	peak
2	5700.000	45.38	8.97	54.35	105.20	-50.85	peak
3	5720.000	45.60	9.01	54.61	110.80	-56.19	peak
4	5725.000	45.44	9.03	54.47	122.20	-67.73	peak
5	5850.000	46.57	9.33	55.90	122.20	-66.30	peak
6	5855.000	45.35	9.35	54.70	110.80	-56.10	peak
7	5875.000	46.20	9.40	55.60	105.20	-49.60	peak
8	5925.000	45.38	9.53	54.91	68.20	-13.29	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

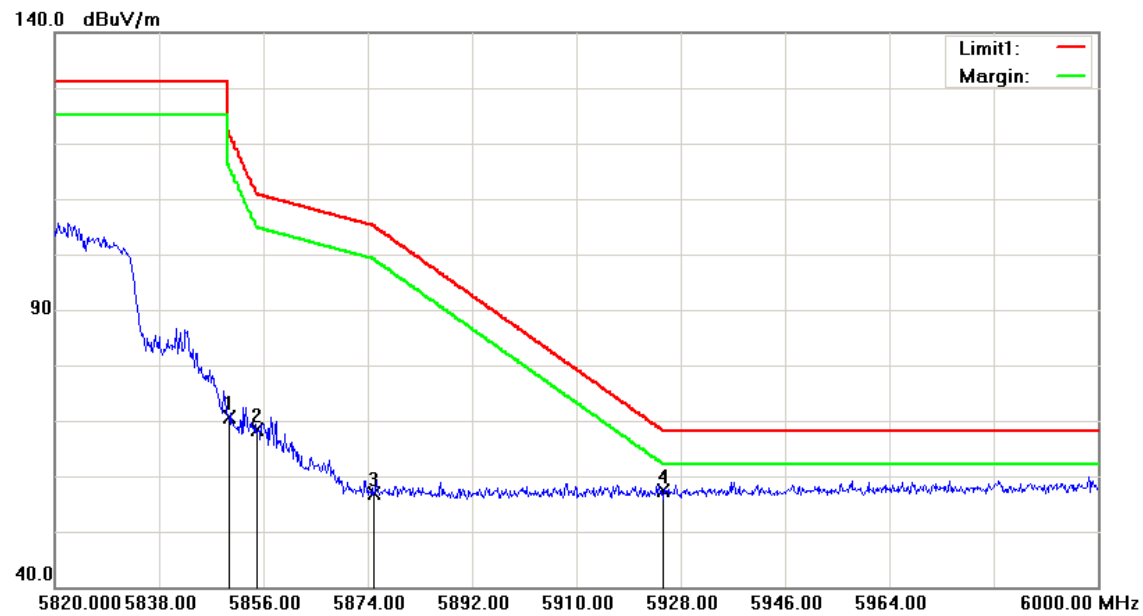
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.27	8.84	56.11	68.20	-12.09	peak
2	5700.000	46.38	8.97	55.35	105.20	-49.85	peak
3	5720.000	45.89	9.01	54.90	110.80	-55.90	peak
4	5725.000	46.98	9.03	56.01	122.20	-66.19	peak
5	5850.000	45.78	9.33	55.11	122.20	-67.09	peak
6	5855.000	46.89	9.35	56.24	110.80	-54.56	peak
7	5875.000	47.87	9.40	57.27	105.20	-47.93	peak
8	5925.000	47.97	9.53	57.50	68.20	-10.70	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

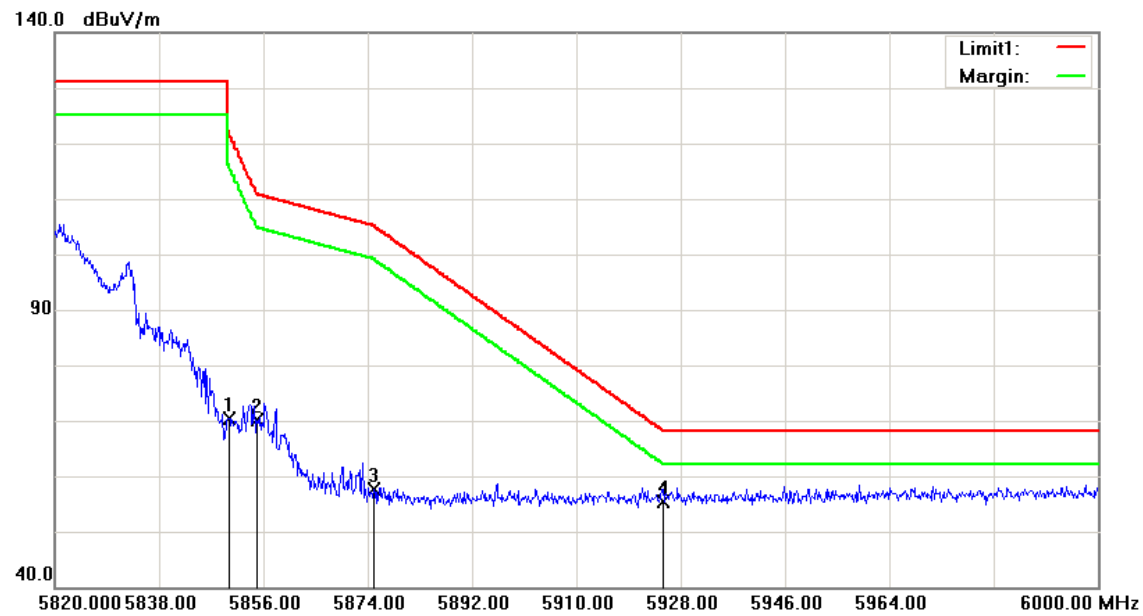
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	61.35	9.33	70.68	122.20	-51.52	peak
2	5855.000	58.96	9.35	68.31	110.80	-42.49	peak
3	5875.000	47.43	9.40	56.83	105.20	-48.37	peak
4	5925.000	47.79	9.53	57.32	68.20	-10.88	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

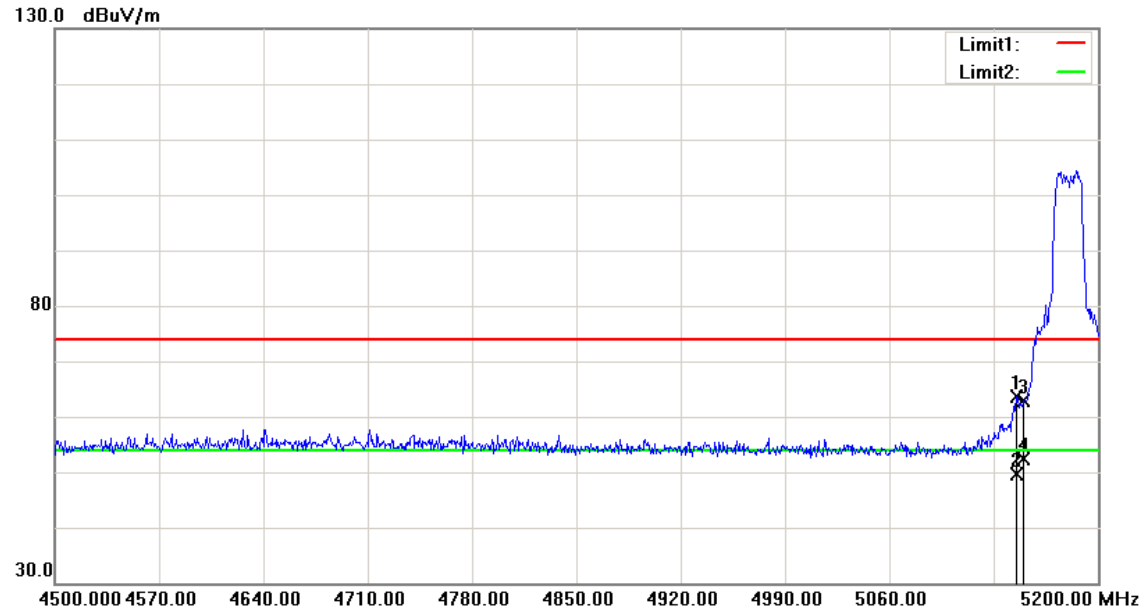
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 6	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	61.05	9.33	70.38	122.20	-51.82	peak
2	5855.000	60.68	9.35	70.03	110.80	-40.77	peak
3	5875.000	48.19	9.40	57.59	105.20	-47.61	peak
4	5925.000	45.80	9.53	55.33	68.20	-12.87	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

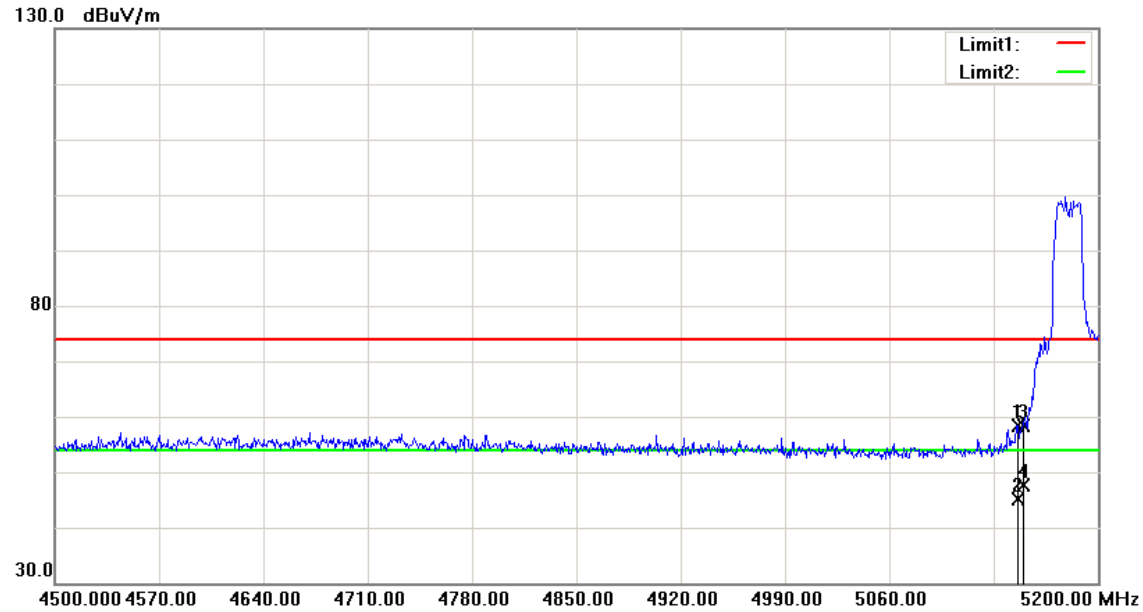
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.400	55.40	8.15	63.55	74.00	-10.45	peak
2	5145.400	41.46	8.15	49.61	54.00	-4.39	AVG
3	5150.000	54.72	8.16	62.88	74.00	-11.12	peak
4	5150.000	44.21	8.16	52.37	54.00	-1.63	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

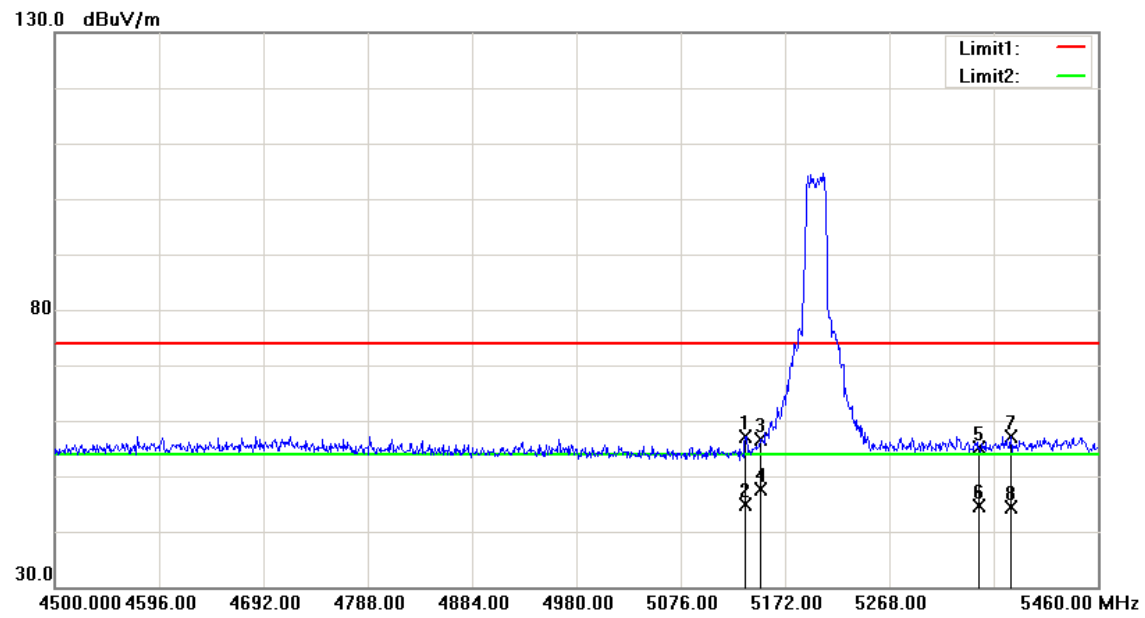
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.100	50.26	8.15	58.41	74.00	-15.59	peak
2	5146.100	37.07	8.15	45.22	54.00	-8.78	AVG
3	5150.000	50.24	8.16	58.40	74.00	-15.60	peak
4	5150.000	39.53	8.16	47.69	54.00	-6.31	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

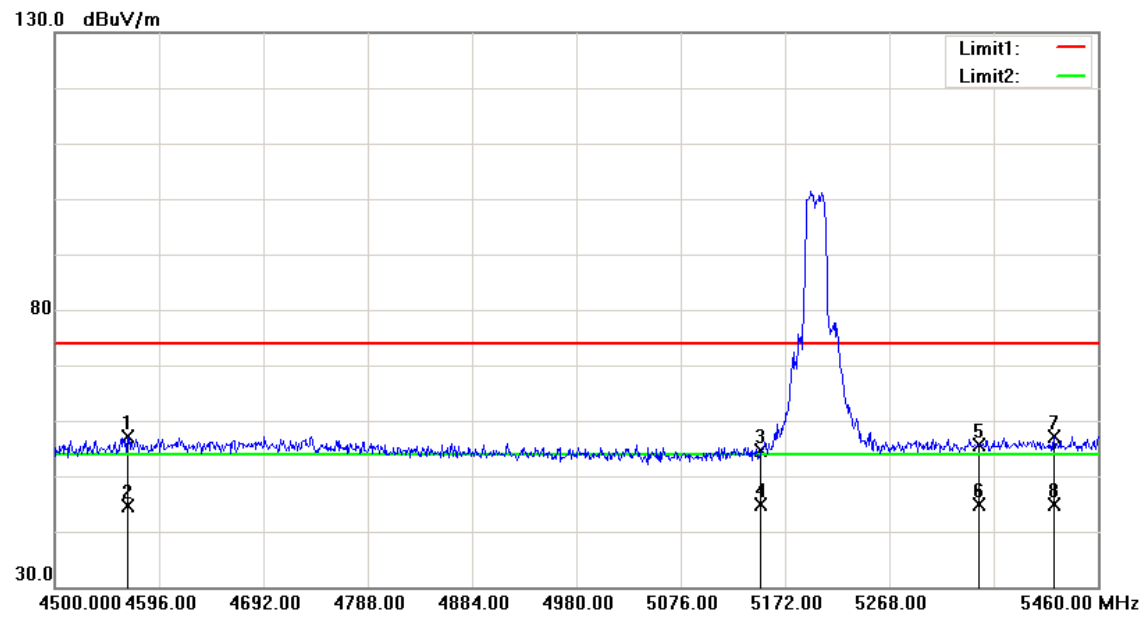
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5135.520	49.11	8.14	57.25	74.00	-16.75	peak
2	5135.520	36.62	8.14	44.76	54.00	-9.24	AVG
3	5150.000	48.36	8.16	56.52	74.00	-17.48	peak
4	5150.000	39.47	8.16	47.63	54.00	-6.37	AVG
5	5350.000	46.75	8.33	55.08	74.00	-18.92	peak
6	5350.000	36.35	8.33	44.68	54.00	-9.32	AVG
7	5379.360	48.86	8.36	57.22	74.00	-16.78	peak
8	5379.360	36.13	8.36	44.49	54.00	-9.51	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

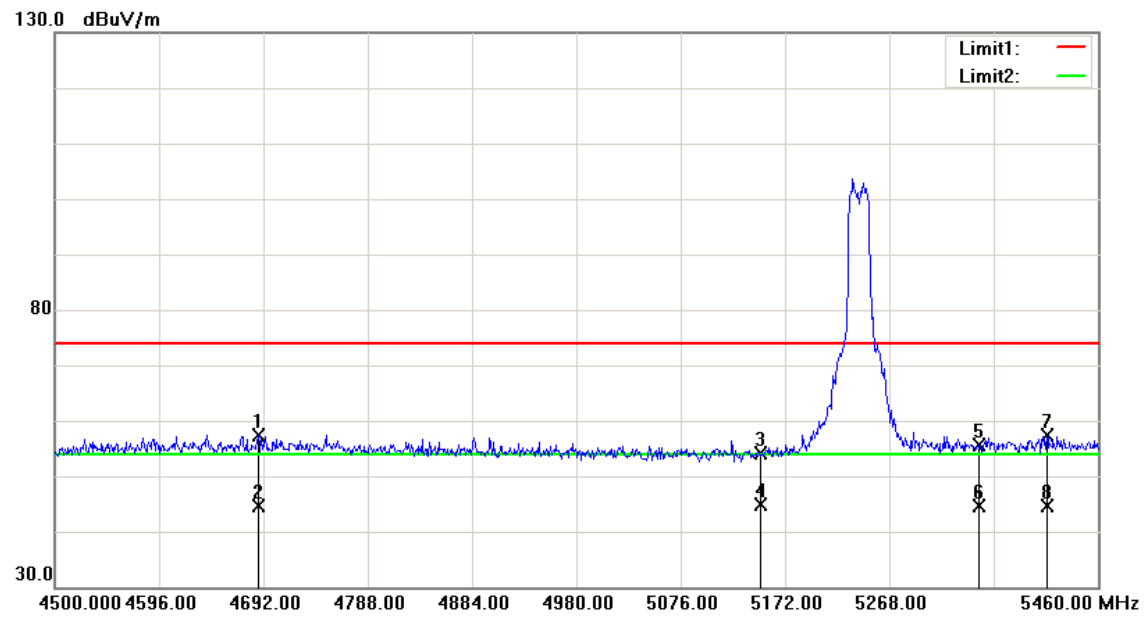
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4567.200	50.72	6.51	57.23	74.00	-16.77	peak
2	4567.200	38.09	6.51	44.60	54.00	-9.40	AVG
3	5150.000	46.55	8.16	54.71	74.00	-19.29	peak
4	5150.000	36.75	8.16	44.91	54.00	-9.09	AVG
5	5350.000	47.41	8.33	55.74	74.00	-18.26	peak
6	5350.000	36.50	8.33	44.83	54.00	-9.17	AVG
7	5419.680	48.72	8.39	57.11	74.00	-16.89	peak
8	5419.680	36.40	8.39	44.79	54.00	-9.21	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

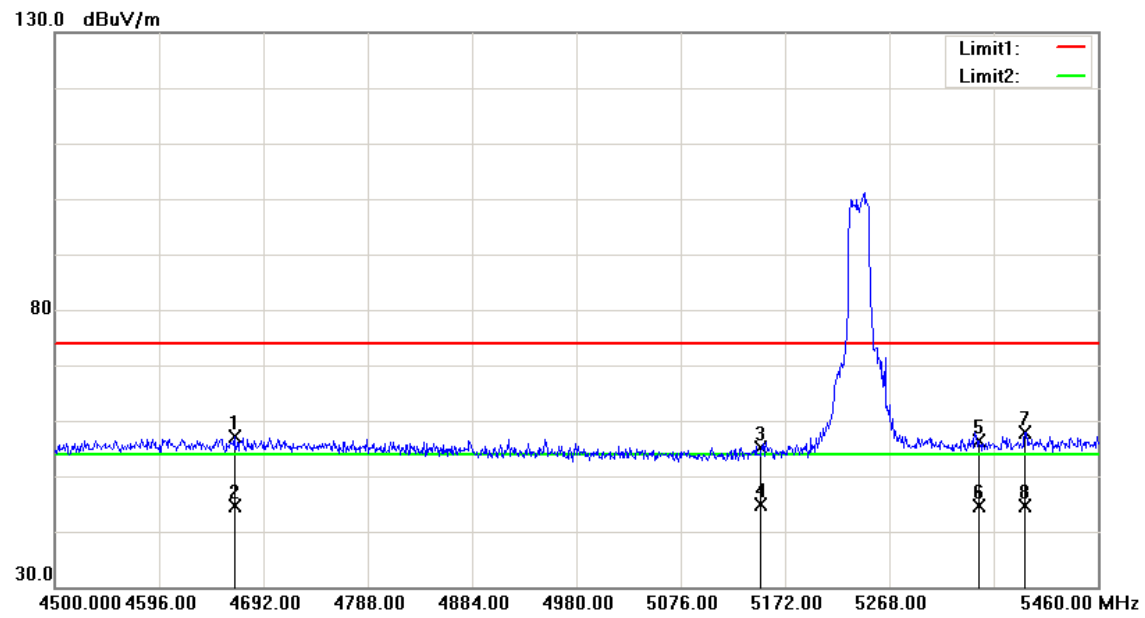
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4687.200	50.57	6.92	57.49	74.00	-16.51	peak
2	4687.200	37.60	6.92	44.52	54.00	-9.48	AVG
3	5150.000	45.97	8.16	54.13	74.00	-19.87	peak
4	5150.000	36.60	8.16	44.76	54.00	-9.24	AVG
5	5350.000	47.41	8.33	55.74	74.00	-18.26	peak
6	5350.000	36.25	8.33	44.58	54.00	-9.42	AVG
7	5412.960	48.88	8.39	57.27	74.00	-16.73	peak
8	5412.960	36.25	8.39	44.64	54.00	-9.36	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

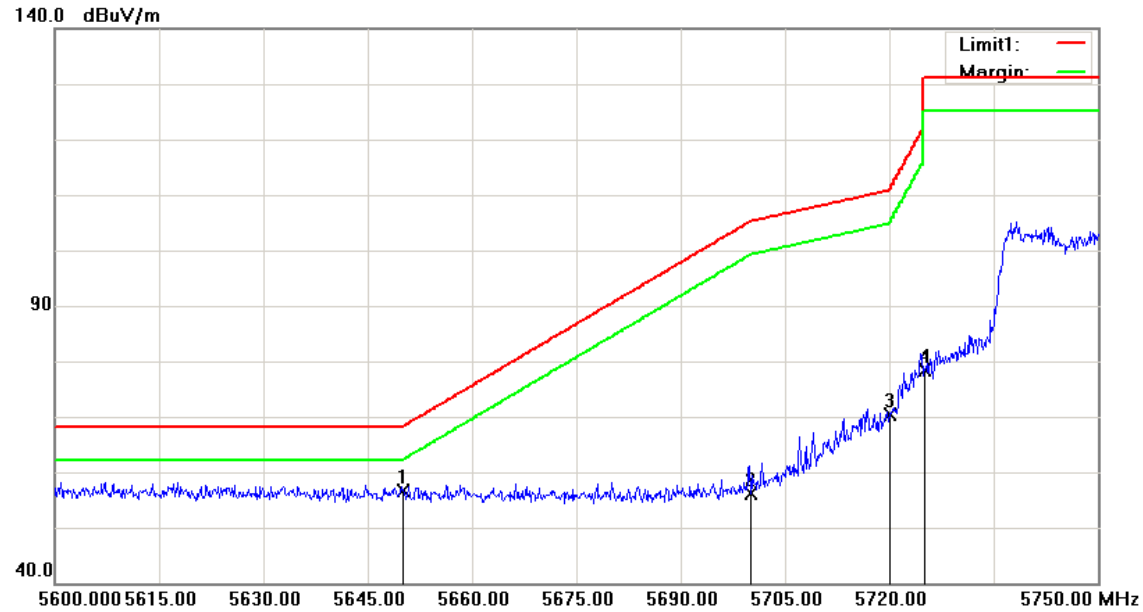
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4665.120	50.38	6.84	57.22	74.00	-16.78	peak
2	4665.120	37.81	6.84	44.65	54.00	-9.35	AVG
3	5150.000	47.00	8.16	55.16	74.00	-18.84	peak
4	5150.000	36.71	8.16	44.87	54.00	-9.13	AVG
5	5350.000	48.14	8.33	56.47	74.00	-17.53	peak
6	5350.000	36.26	8.33	44.59	54.00	-9.41	AVG
7	5392.800	49.51	8.37	57.88	74.00	-16.12	peak
8	5392.800	36.34	8.37	44.71	54.00	-9.29	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

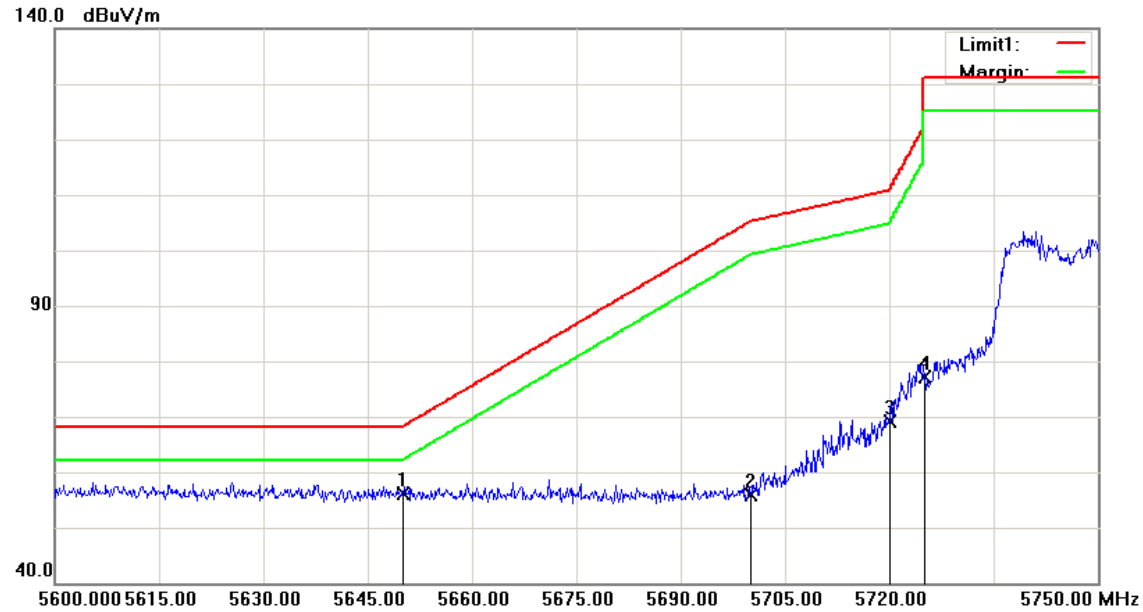
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.91	8.84	56.75	68.20	-11.45	peak
2	5700.000	47.22	8.97	56.19	105.20	-49.01	peak
3	5720.000	61.46	9.01	70.47	110.80	-40.33	peak
4	5725.000	69.41	9.03	78.44	122.20	-43.76	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

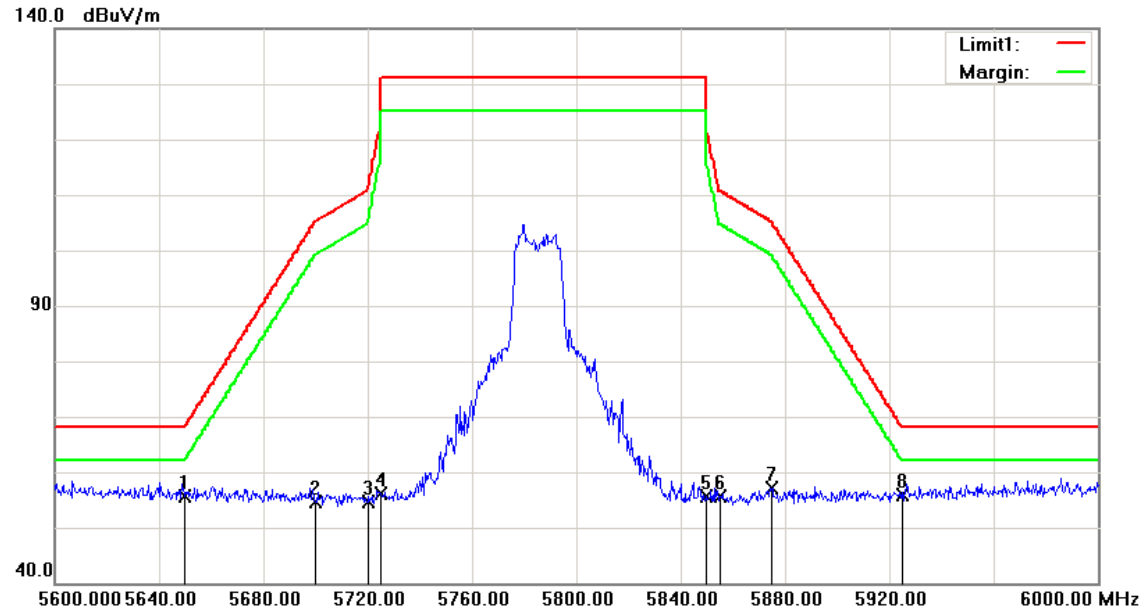
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.25	8.84	56.09	68.20	-12.11	peak
2	5700.000	46.88	8.97	55.85	105.20	-49.35	peak
3	5720.000	60.05	9.01	69.06	110.80	-41.74	peak
4	5725.000	68.17	9.03	77.20	122.20	-45.00	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

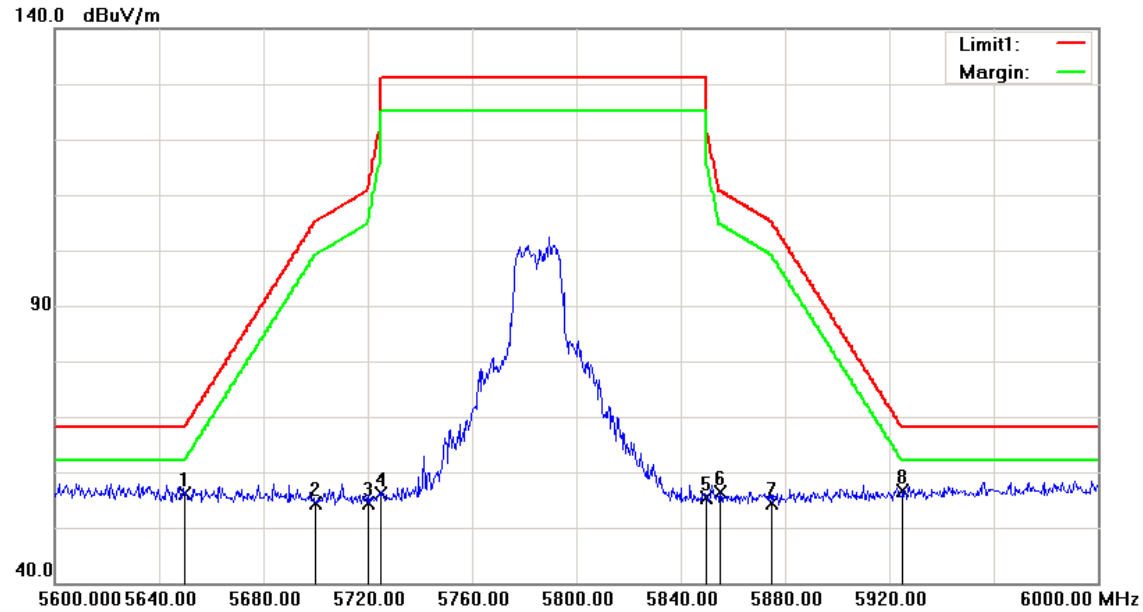
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.71	8.84	55.55	68.20	-12.65	peak
2	5700.000	45.68	8.97	54.65	105.20	-50.55	peak
3	5720.000	45.66	9.01	54.67	110.80	-56.13	peak
4	5725.000	47.00	9.03	56.03	122.20	-66.17	peak
5	5850.000	46.37	9.33	55.70	122.20	-66.50	peak
6	5855.000	46.40	9.35	55.75	110.80	-55.05	peak
7	5875.000	47.78	9.40	57.18	105.20	-48.02	peak
8	5925.000	46.30	9.53	55.83	68.20	-12.37	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

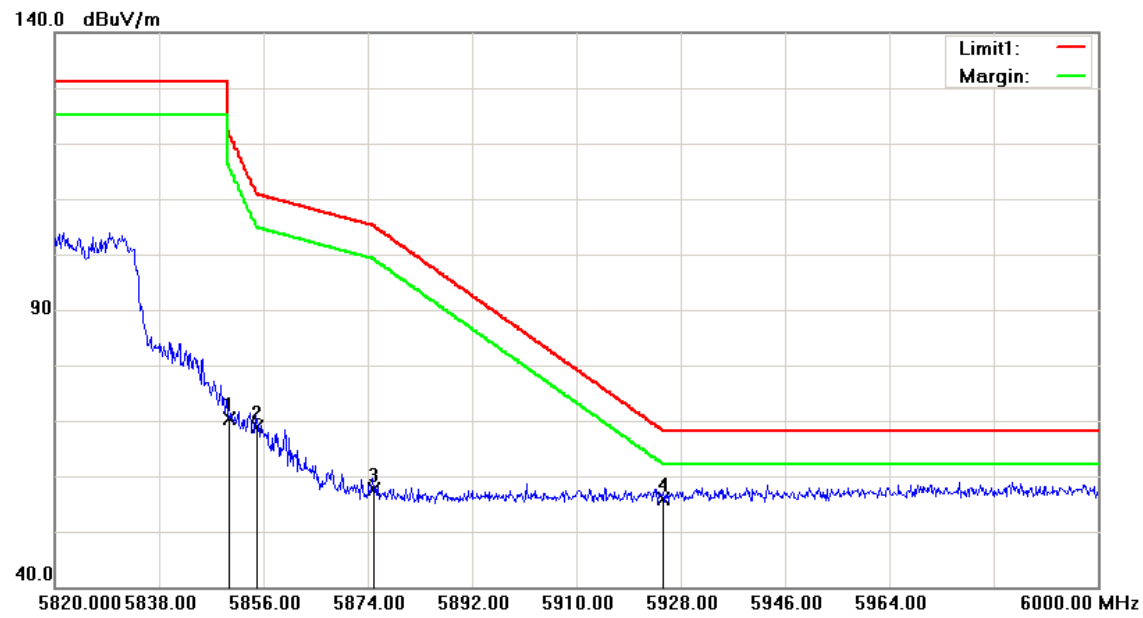
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.26	8.84	56.10	68.20	-12.10	peak
2	5700.000	45.46	8.97	54.43	105.20	-50.77	peak
3	5720.000	45.49	9.01	54.50	110.80	-56.30	peak
4	5725.000	47.12	9.03	56.15	122.20	-66.05	peak
5	5850.000	45.96	9.33	55.29	122.20	-66.91	peak
6	5855.000	47.04	9.35	56.39	110.80	-54.41	peak
7	5875.000	44.99	9.40	54.39	105.20	-50.81	peak
8	5925.000	47.12	9.53	56.65	68.20	-11.55	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

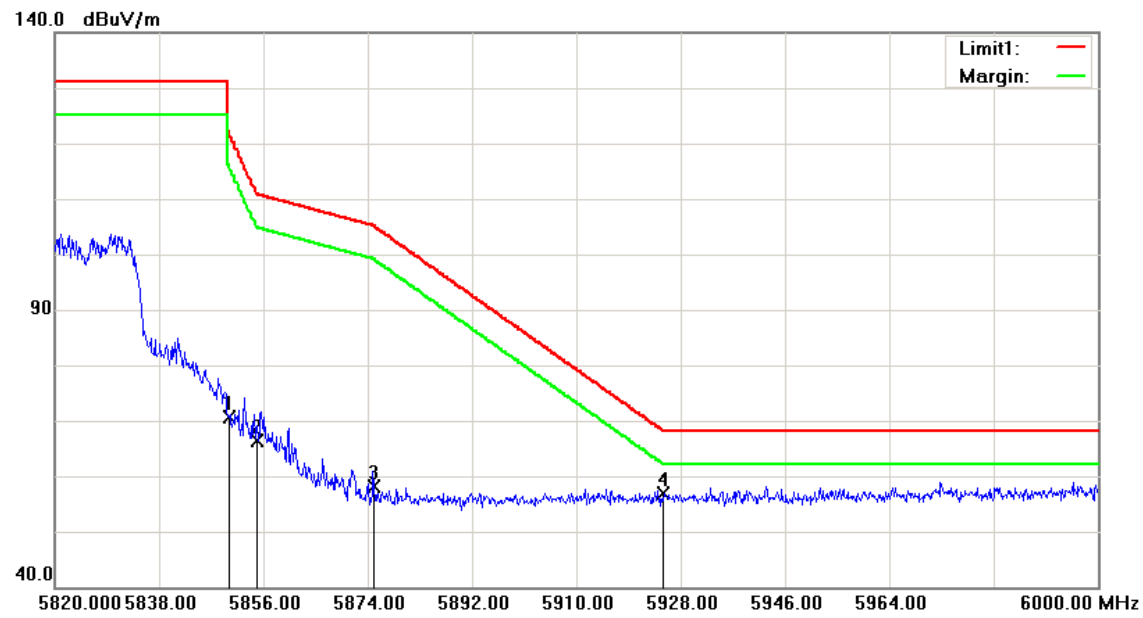
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	61.01	9.33	70.34	122.20	-51.86	peak
2	5855.000	59.57	9.35	68.92	110.80	-41.88	peak
3	5875.000	48.30	9.40	57.70	105.20	-47.50	peak
4	5925.000	46.45	9.53	55.98	68.20	-12.22	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

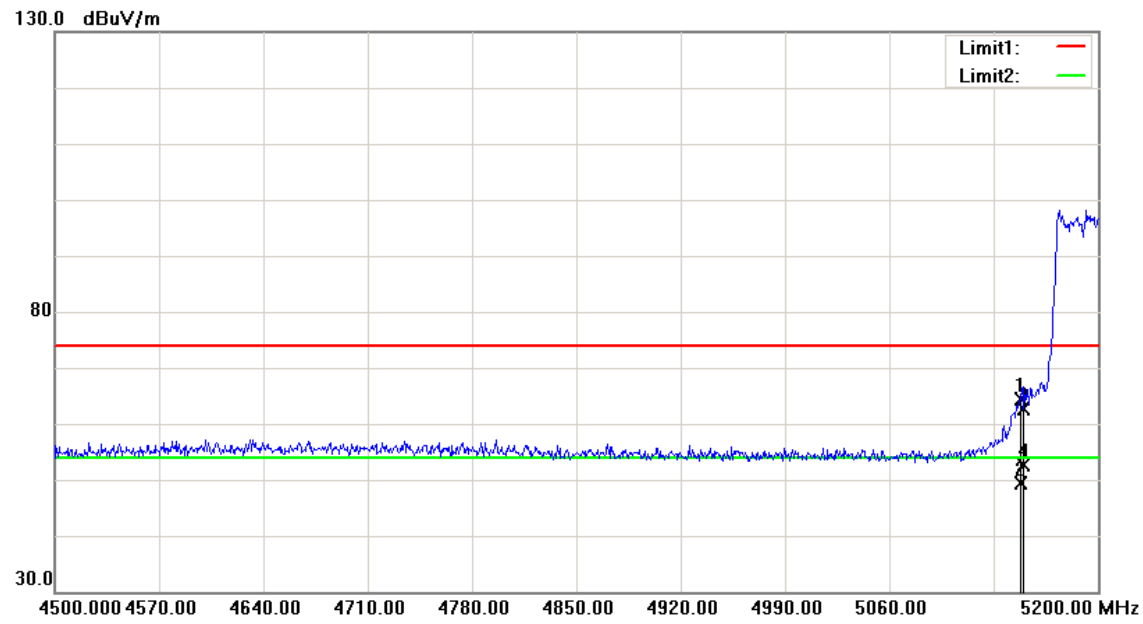
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	61.24	9.33	70.57	122.20	-51.63	peak
2	5855.000	57.14	9.35	66.49	110.80	-44.31	peak
3	5875.000	48.71	9.40	58.11	105.20	-47.09	peak
4	5925.000	47.46	9.53	56.99	68.20	-11.21	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

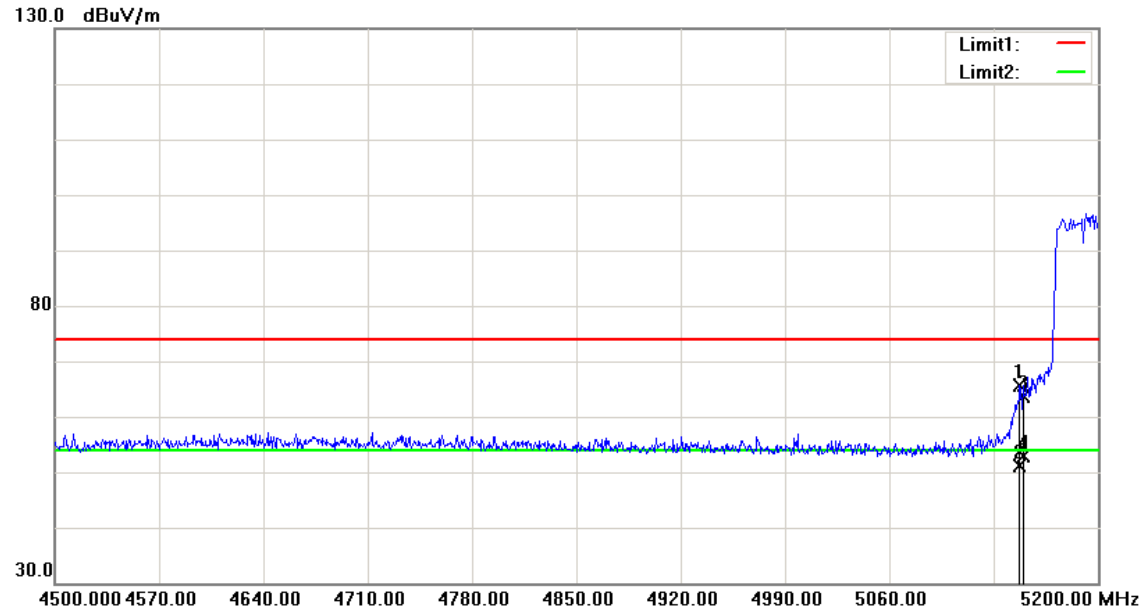
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5190 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.200	56.32	8.16	64.48	74.00	-9.52	peak
2	5148.200	41.30	8.16	49.46	54.00	-4.54	AVG
3	5150.000	54.48	8.16	62.64	74.00	-11.36	peak
4	5150.000	44.56	8.16	52.72	54.00	-1.28	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

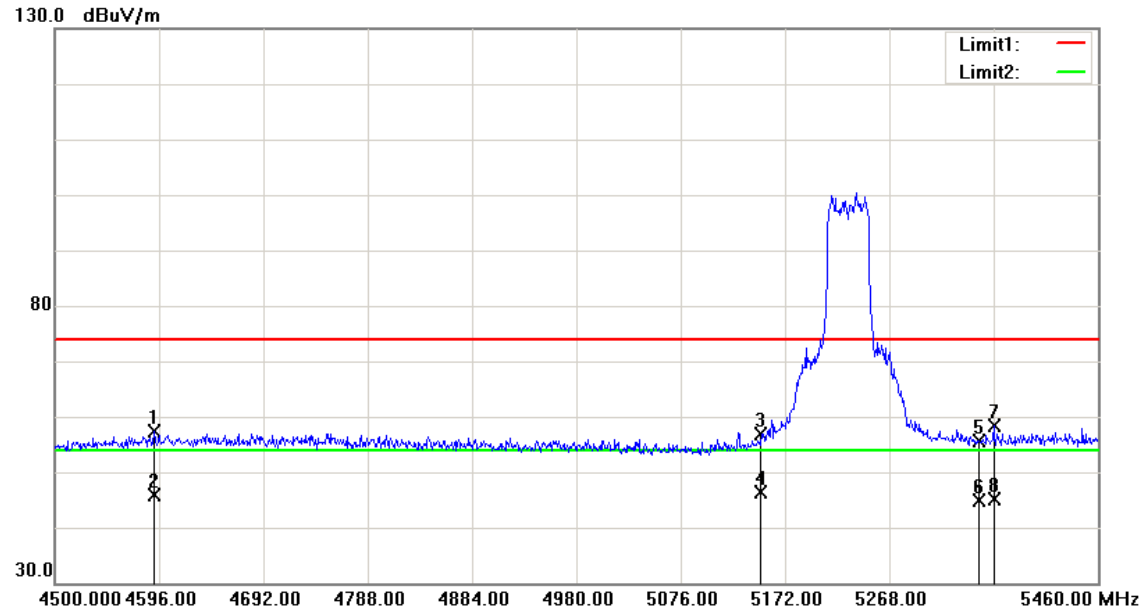
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5190 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.500	57.40	8.15	65.55	74.00	-8.45	peak
2	5147.500	43.05	8.15	51.20	54.00	-2.80	AVG
3	5150.000	55.35	8.16	63.51	74.00	-10.49	peak
4	5150.000	44.64	8.16	52.80	54.00	-1.20	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

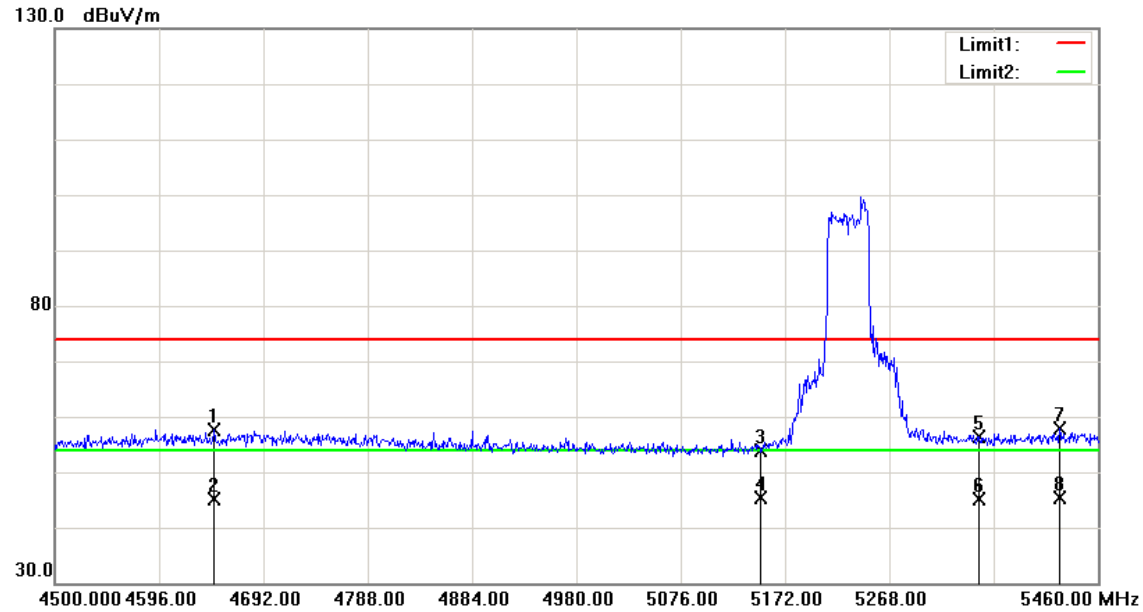
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5230 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4591.200	50.78	6.58	57.36	74.00	-16.64	peak
2	4591.200	39.21	6.58	45.79	54.00	-8.21	AVG
3	5150.000	48.78	8.16	56.94	74.00	-17.06	peak
4	5150.000	38.29	8.16	46.45	54.00	-7.55	AVG
5	5350.000	47.40	8.33	55.73	74.00	-18.27	peak
6	5350.000	36.60	8.33	44.93	54.00	-9.07	AVG
7	5364.000	50.07	8.35	58.42	74.00	-15.58	peak
8	5364.000	36.77	8.35	45.12	54.00	-8.88	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

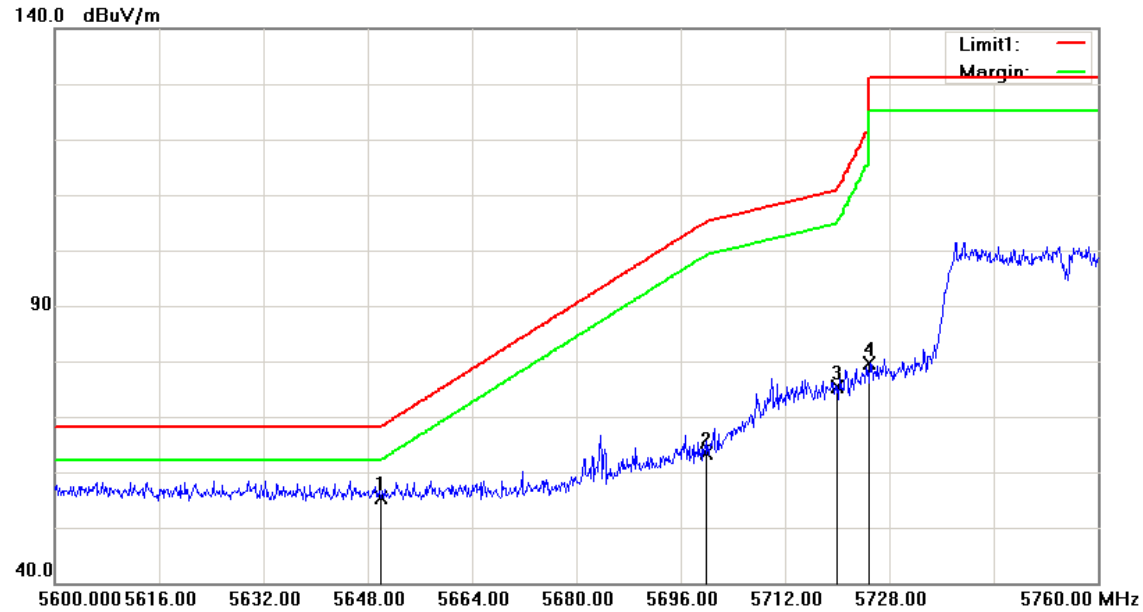
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5230 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4646.880	50.76	6.77	57.53	74.00	-16.47	peak
2	4646.880	38.36	6.77	45.13	54.00	-8.87	AVG
3	5150.000	45.82	8.16	53.98	74.00	-20.02	peak
4	5150.000	37.22	8.16	45.38	54.00	-8.62	AVG
5	5350.000	48.12	8.33	56.45	74.00	-17.55	peak
6	5350.000	36.89	8.33	45.22	54.00	-8.78	AVG
7	5424.480	49.41	8.40	57.81	74.00	-16.19	peak
8	5424.480	36.91	8.40	45.31	54.00	-8.69	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

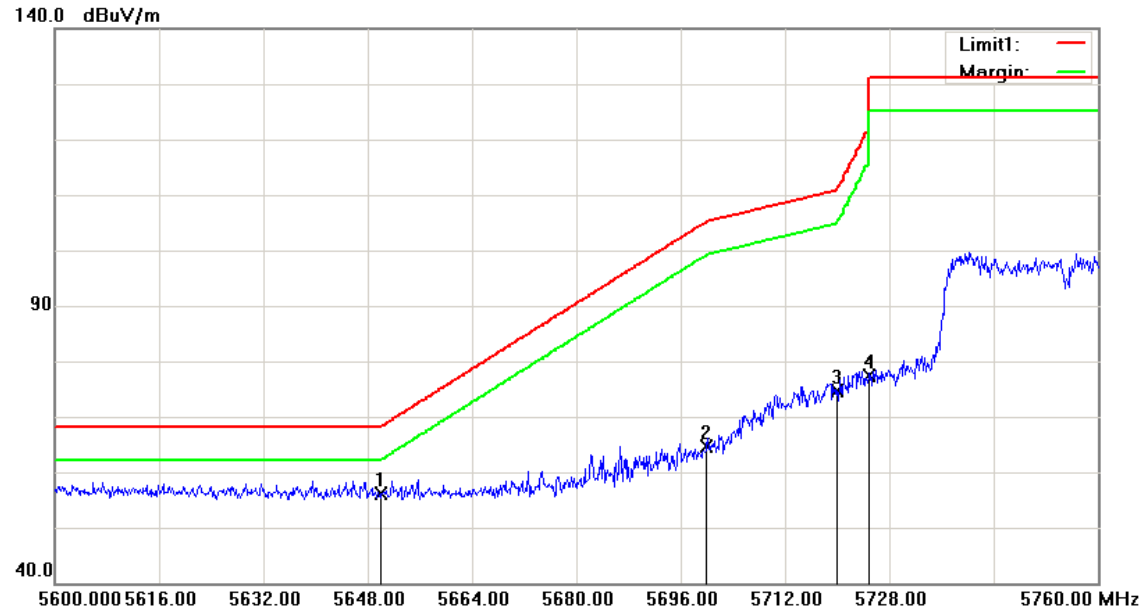
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5755 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.65	8.84	55.49	68.20	-12.71	peak
2	5700.000	54.51	8.97	63.48	105.20	-41.72	peak
3	5720.000	66.32	9.01	75.33	110.80	-35.47	peak
4	5725.000	70.61	9.03	79.64	122.20	-42.56	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

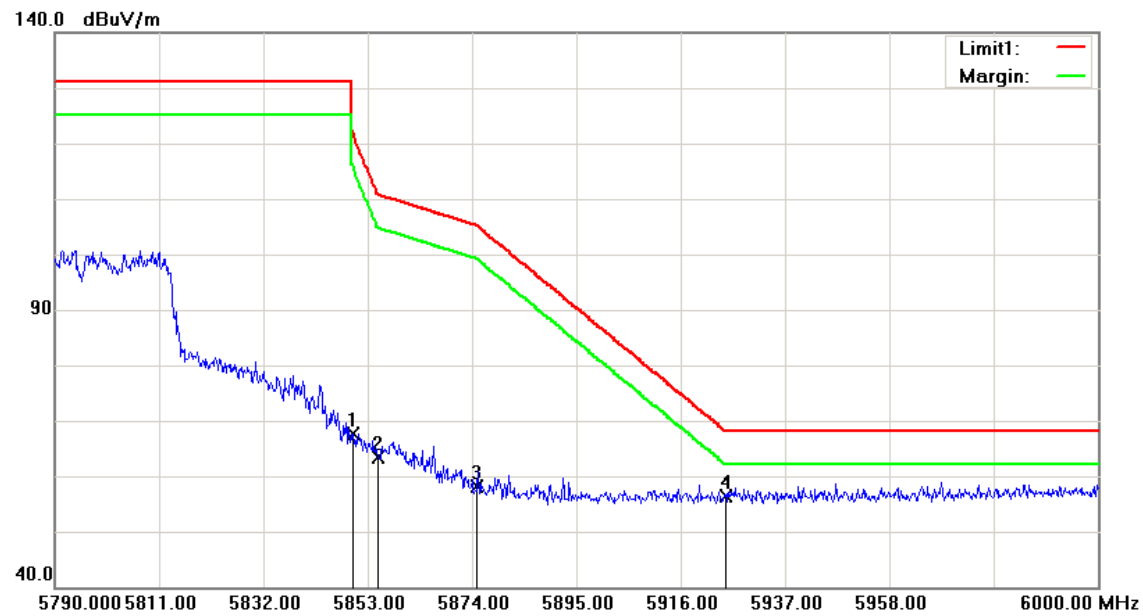
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5755 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.22	8.84	56.06	68.20	-12.14	peak
2	5700.000	55.71	8.97	64.68	105.20	-40.52	peak
3	5720.000	65.59	9.01	74.60	110.80	-36.20	peak
4	5725.000	68.32	9.03	77.35	122.20	-44.85	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

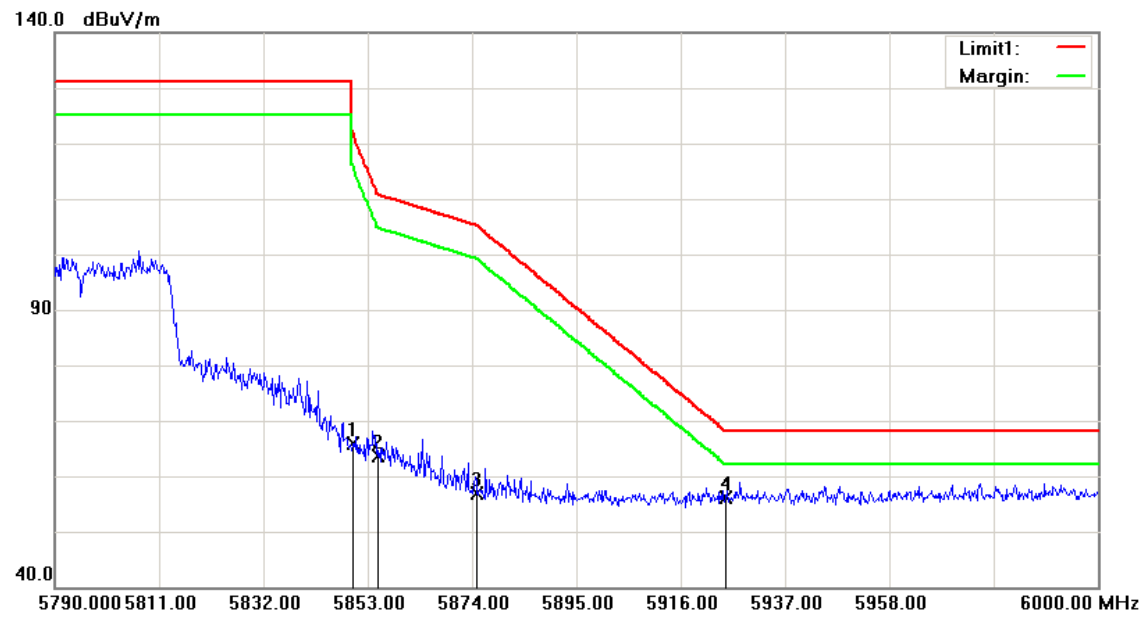
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5795 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	58.37	9.33	67.70	122.20	-54.50	peak
2	5855.000	54.12	9.35	63.47	110.80	-47.33	peak
3	5875.000	48.69	9.40	58.09	105.20	-47.11	peak
4	5925.000	46.97	9.53	56.50	68.20	-11.70	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

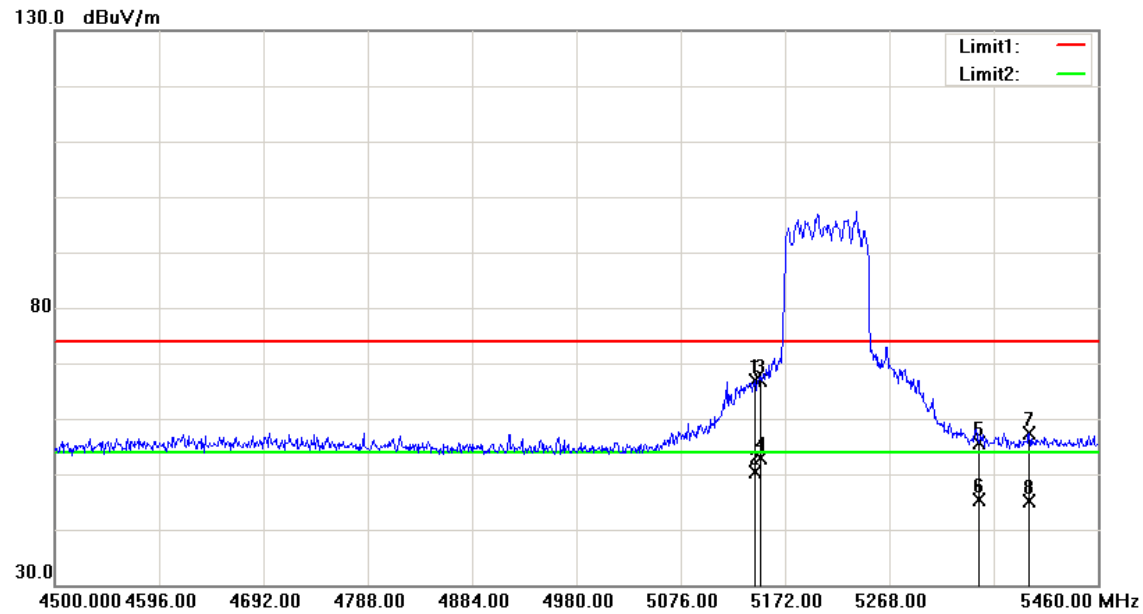
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5795 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	56.64	9.33	65.97	122.20	-56.23	peak
2	5855.000	54.26	9.35	63.61	110.80	-47.19	peak
3	5875.000	47.44	9.40	56.84	105.20	-48.36	peak
4	5925.000	46.63	9.53	56.16	68.20	-12.04	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

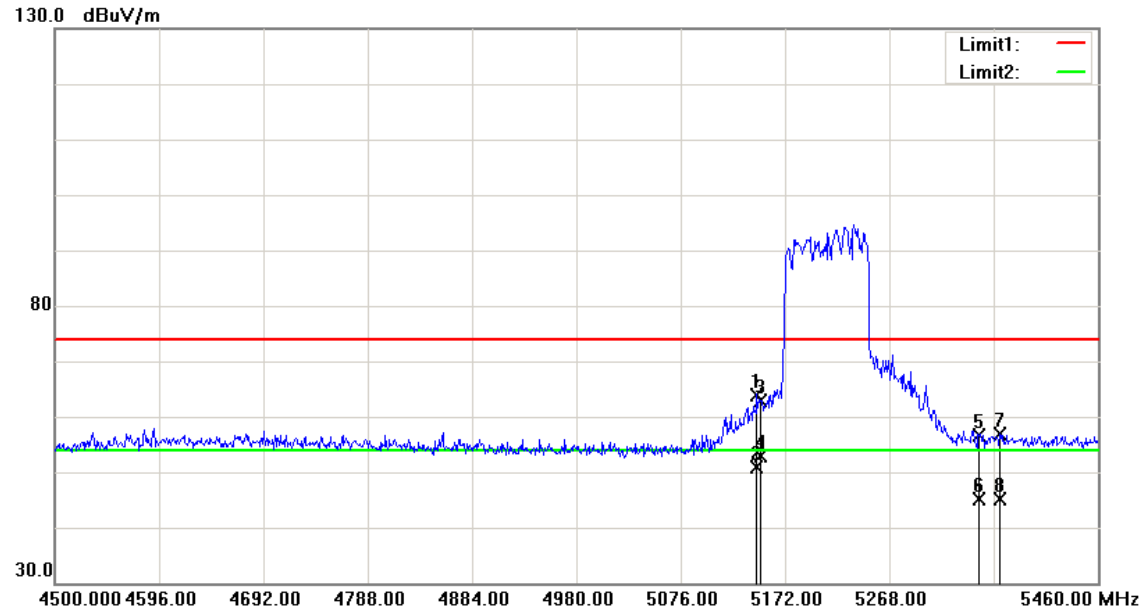
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5210 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.160	58.62	8.15	66.77	74.00	-7.23	peak
2	5144.160	42.29	8.15	50.44	54.00	-3.56	AVG
3	5150.000	58.71	8.16	66.87	74.00	-7.13	peak
4	5150.000	44.75	8.16	52.91	54.00	-1.09	AVG
5	5350.000	47.28	8.33	55.61	74.00	-18.39	peak
6	5350.000	36.96	8.33	45.29	54.00	-8.71	AVG
7	5396.640	49.12	8.37	57.49	74.00	-16.51	peak
8	5396.640	36.84	8.37	45.21	54.00	-8.79	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

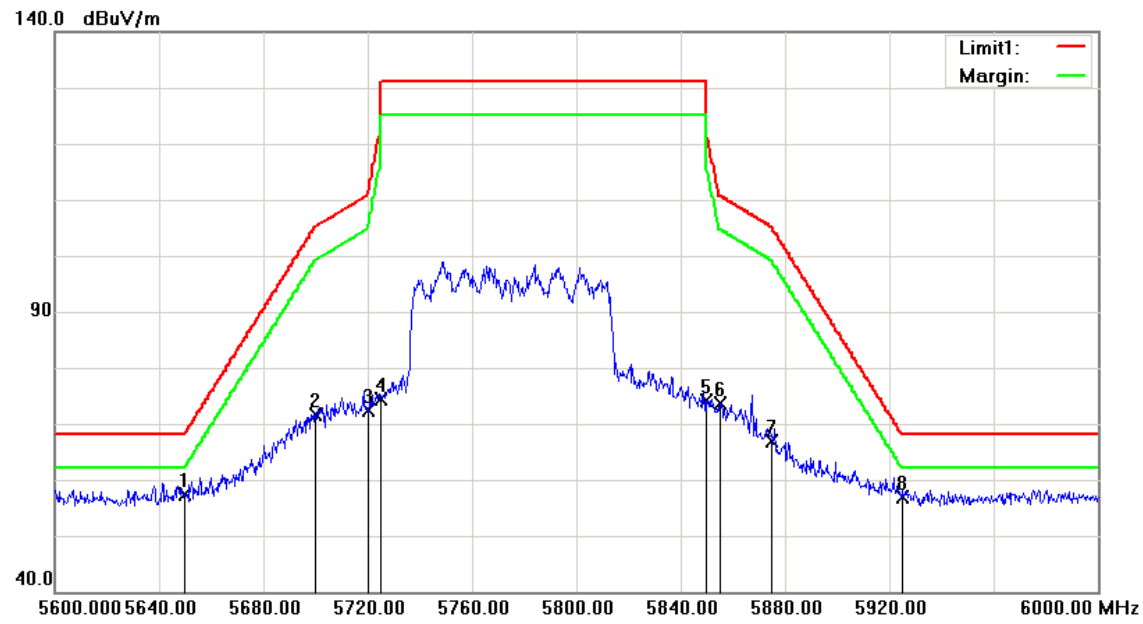
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5210 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.080	55.85	8.15	64.00	74.00	-10.00	peak
2	5146.080	42.79	8.15	50.94	54.00	-3.06	AVG
3	5150.000	54.68	8.16	62.84	74.00	-11.16	peak
4	5150.000	44.73	8.16	52.89	54.00	-1.11	AVG
5	5350.000	48.30	8.33	56.63	74.00	-17.37	peak
6	5350.000	36.89	8.33	45.22	54.00	-8.78	AVG
7	5369.760	48.64	8.35	56.99	74.00	-17.01	peak
8	5369.760	36.82	8.35	45.17	54.00	-8.83	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

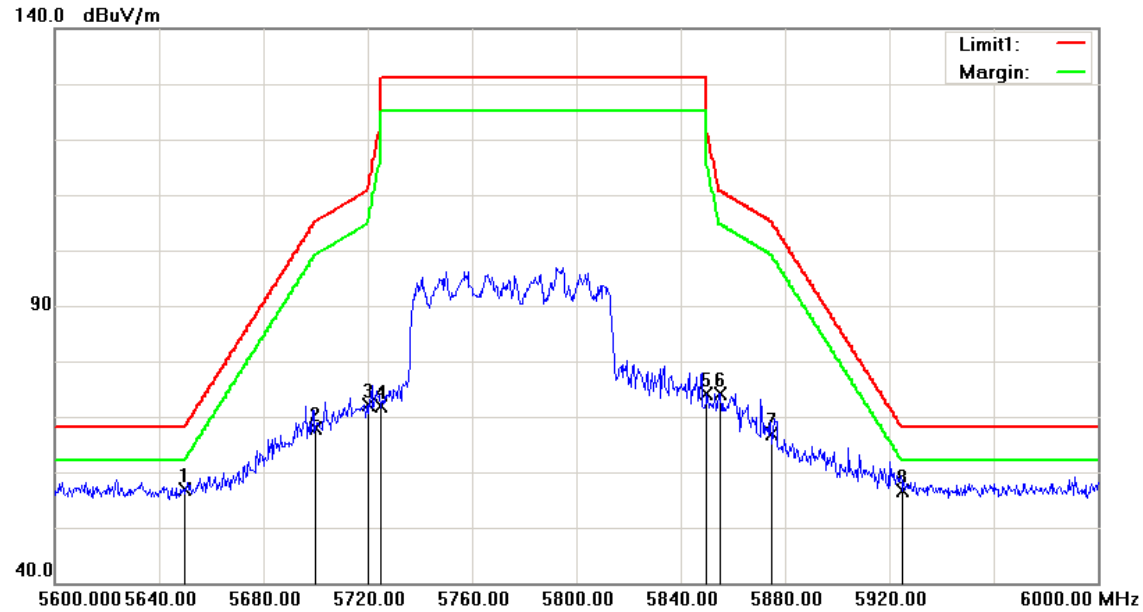
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5775 MHz	Date:	07/29/2016
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	48.53	8.84	57.37	68.20	-10.83	peak
2	5700.000	62.65	8.97	71.62	105.20	-33.58	peak
3	5720.000	63.46	9.01	72.47	110.80	-38.33	peak
4	5725.000	65.39	9.03	74.42	122.20	-47.78	peak
5	5850.000	64.71	9.33	74.04	122.20	-48.16	peak
6	5855.000	64.27	9.35	73.62	110.80	-37.18	peak
7	5875.000	57.48	9.40	66.88	105.20	-38.32	peak
8	5925.000	47.31	9.53	56.84	68.20	-11.36	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

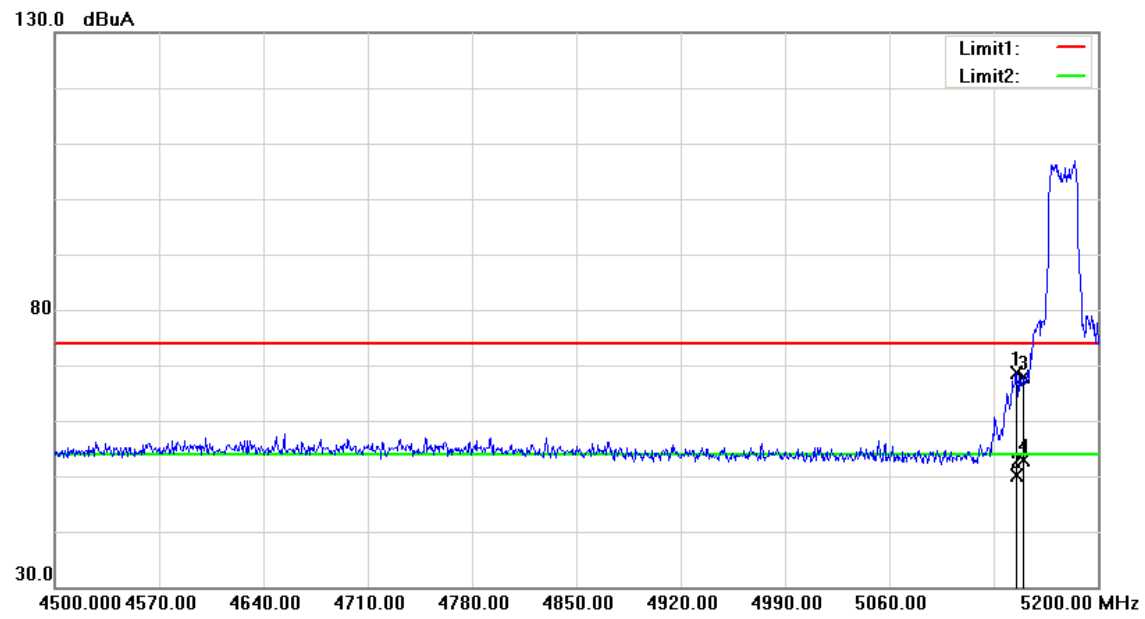
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5775 MHz	Date:	07/29/2016
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.93	8.84	56.77	68.20	-11.43	peak
2	5700.000	58.87	8.97	67.84	105.20	-37.36	peak
3	5720.000	63.05	9.01	72.06	110.80	-38.74	peak
4	5725.000	62.94	9.03	71.97	122.20	-50.23	peak
5	5850.000	64.77	9.33	74.10	122.20	-48.10	peak
6	5855.000	64.87	9.35	74.22	110.80	-36.58	peak
7	5875.000	57.52	9.40	66.92	105.20	-38.28	peak
8	5925.000	47.10	9.53	56.63	68.20	-11.57	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

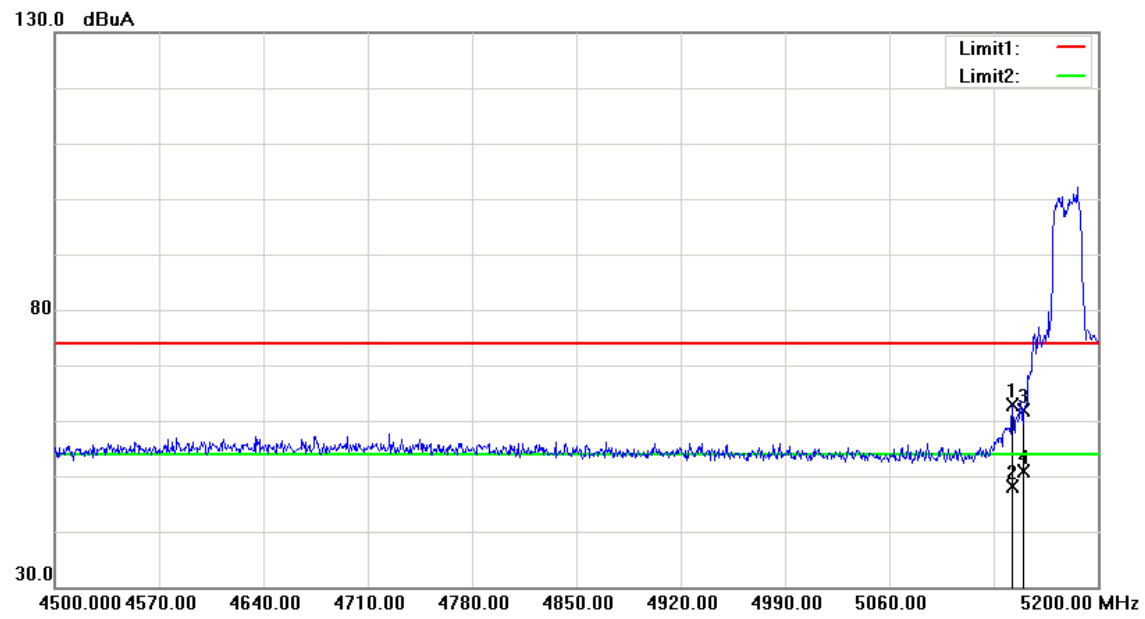
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.400	60.47	8.15	68.62	74.00	-5.38	peak
2	5145.400	41.96	8.15	50.11	54.00	-3.89	AVG
3	5150.000	59.65	8.16	67.81	74.00	-6.19	peak
4	5150.000	44.65	8.16	52.81	54.00	-1.19	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.
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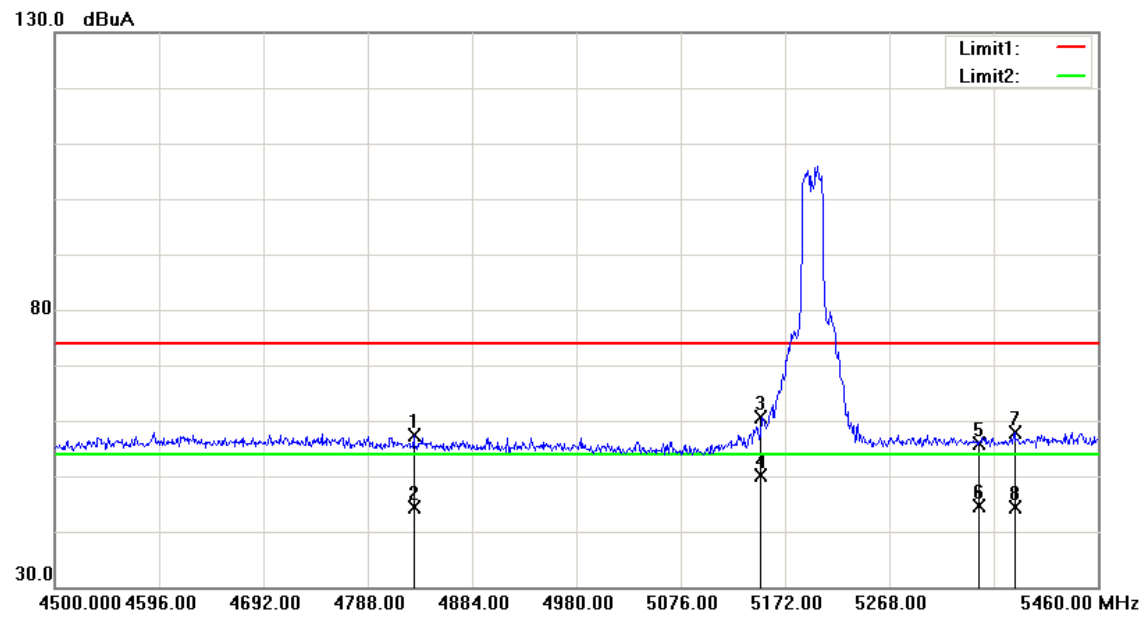
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5180 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.600	54.66	8.15	62.81	74.00	-11.19	peak
2	5142.600	39.91	8.15	48.06	54.00	-5.94	AVG
3	5150.000	53.76	8.16	61.92	74.00	-12.08	peak
4	5150.000	42.71	8.16	50.87	54.00	-3.13	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

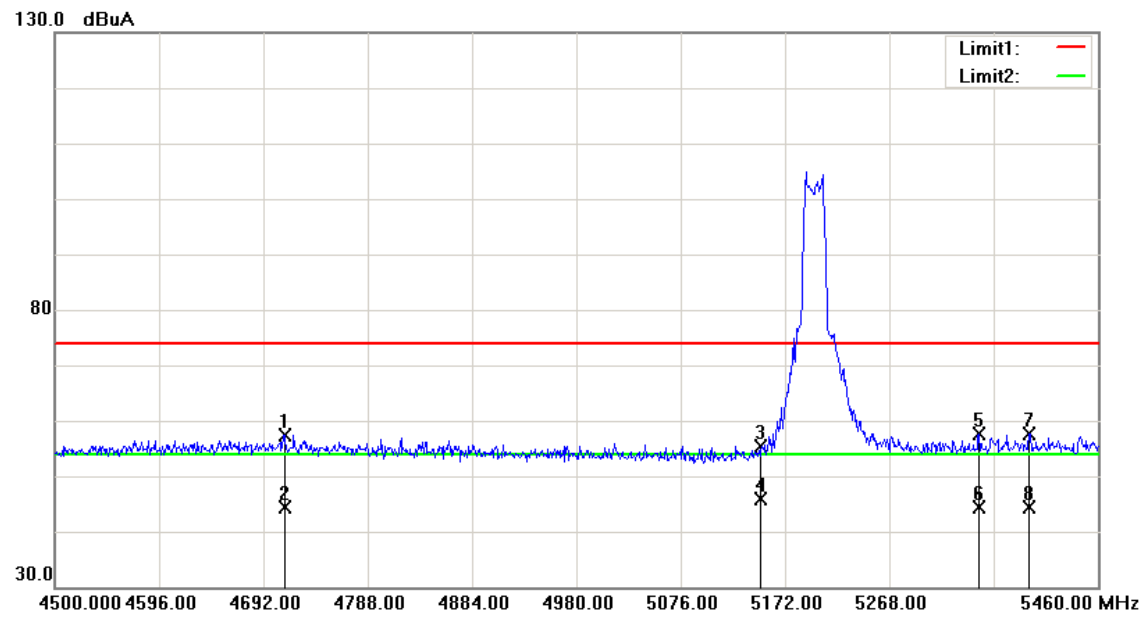
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4830.240	49.98	7.43	57.41	74.00	-16.59	peak
2	4830.240	36.88	7.43	44.31	54.00	-9.69	AVG
3	5150.000	52.50	8.16	60.66	74.00	-13.34	peak
4	5150.000	42.06	8.16	50.22	54.00	-3.78	AVG
5	5350.000	47.65	8.33	55.98	74.00	-18.02	peak
6	5350.000	36.21	8.33	44.54	54.00	-9.46	AVG
7	5383.200	49.51	8.36	57.87	74.00	-16.13	peak
8	5383.200	36.06	8.36	44.42	54.00	-9.58	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

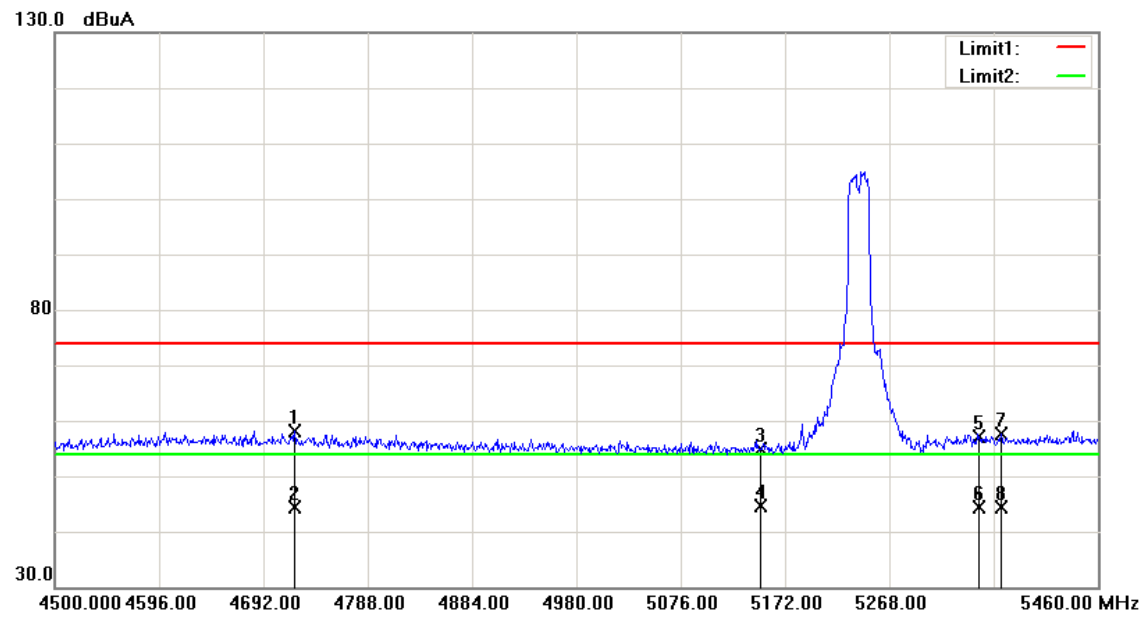
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5200 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4711.200	50.40	7.01	57.41	74.00	-16.59	peak
2	4711.200	37.41	7.01	44.42	54.00	-9.58	AVG
3	5150.000	47.17	8.16	55.33	74.00	-18.67	peak
4	5150.000	37.60	8.16	45.76	54.00	-8.24	AVG
5	5350.000	49.19	8.33	57.52	74.00	-16.48	peak
6	5350.000	36.04	8.33	44.37	54.00	-9.63	AVG
7	5396.640	49.26	8.37	57.63	74.00	-16.37	peak
8	5396.640	35.95	8.37	44.32	54.00	-9.68	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

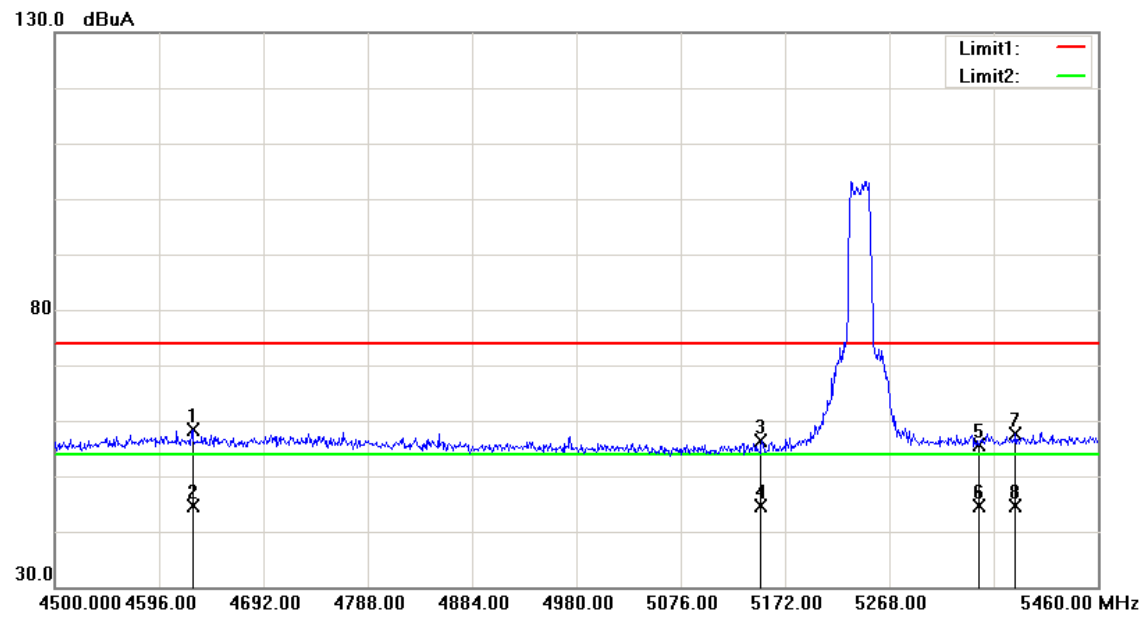
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4720.800	51.07	7.05	58.12	74.00	-15.88	peak
2	4720.800	37.42	7.05	44.47	54.00	-9.53	AVG
3	5150.000	46.72	8.16	54.88	74.00	-19.12	peak
4	5150.000	36.40	8.16	44.56	54.00	-9.44	AVG
5	5350.000	48.89	8.33	57.22	74.00	-16.78	peak
6	5350.000	35.99	8.33	44.32	54.00	-9.68	AVG
7	5370.720	49.20	8.35	57.55	74.00	-16.45	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

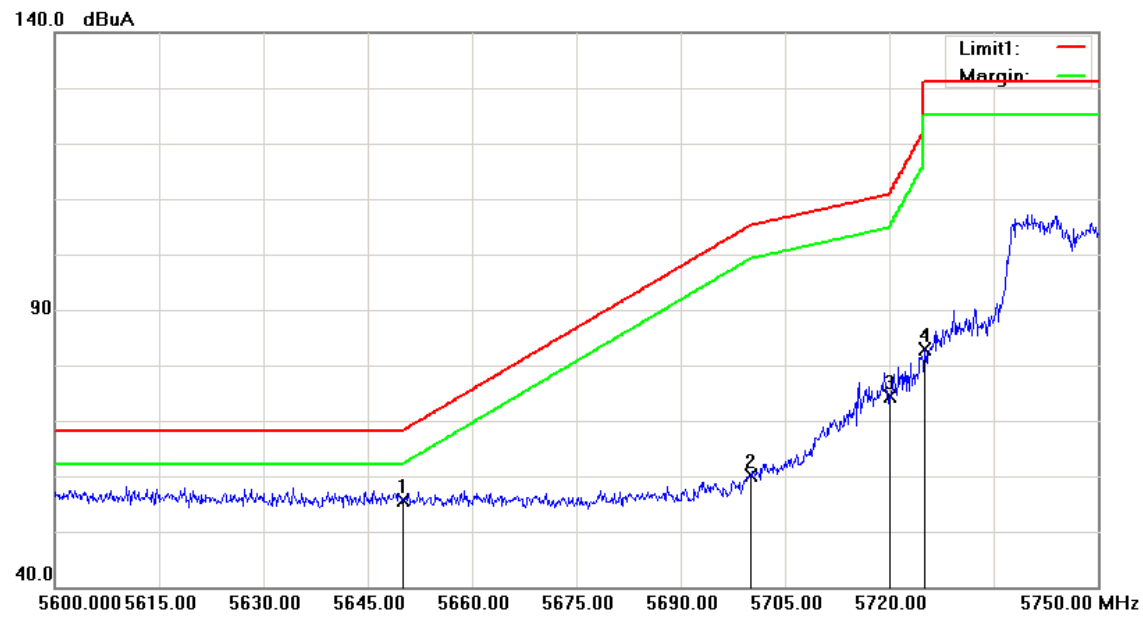
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5240 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4626.720	51.56	6.71	58.27	74.00	-15.73	peak
2	4626.720	37.91	6.71	44.62	54.00	-9.38	AVG
3	5150.000	48.21	8.16	56.37	74.00	-17.63	peak
4	5150.000	36.53	8.16	44.69	54.00	-9.31	AVG
5	5350.000	47.25	8.33	55.58	74.00	-18.42	peak
6	5350.000	36.38	8.33	44.71	54.00	-9.29	AVG
7	5384.160	49.20	8.36	57.56	74.00	-16.44	peak
8	5384.160	36.23	8.36	44.59	54.00	-9.41	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

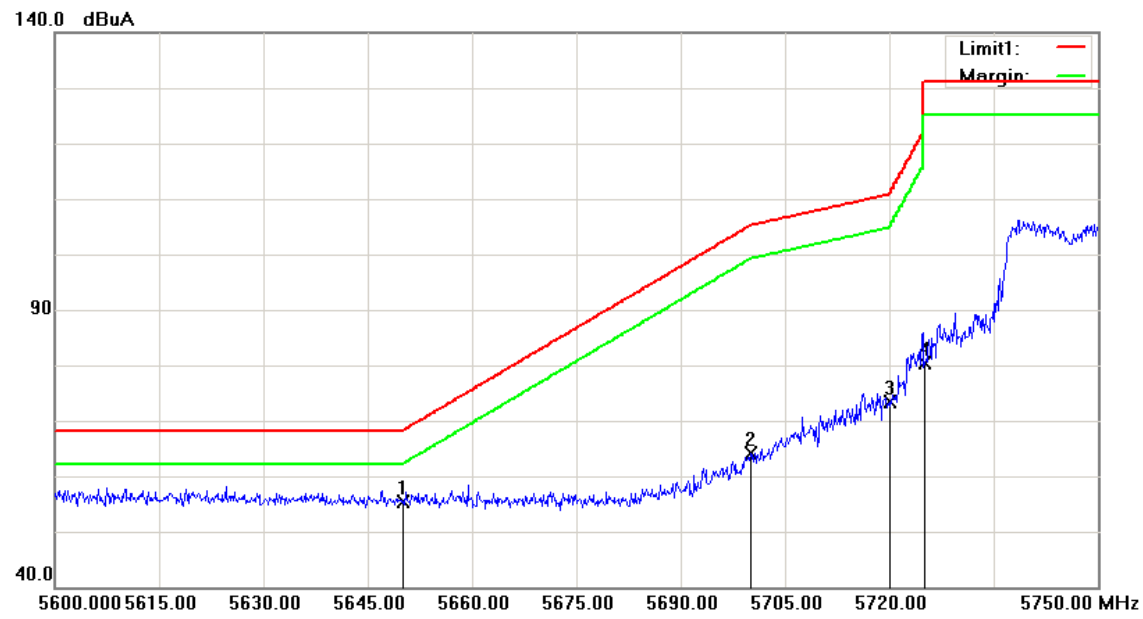
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.73	8.84	55.57	68.20	-12.63	peak
2	5700.000	51.22	8.97	60.19	105.20	-45.01	peak
3	5720.000	65.34	9.01	74.35	110.80	-36.45	peak
4	5725.000	73.84	9.03	82.87	122.20	-39.33	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5745 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			

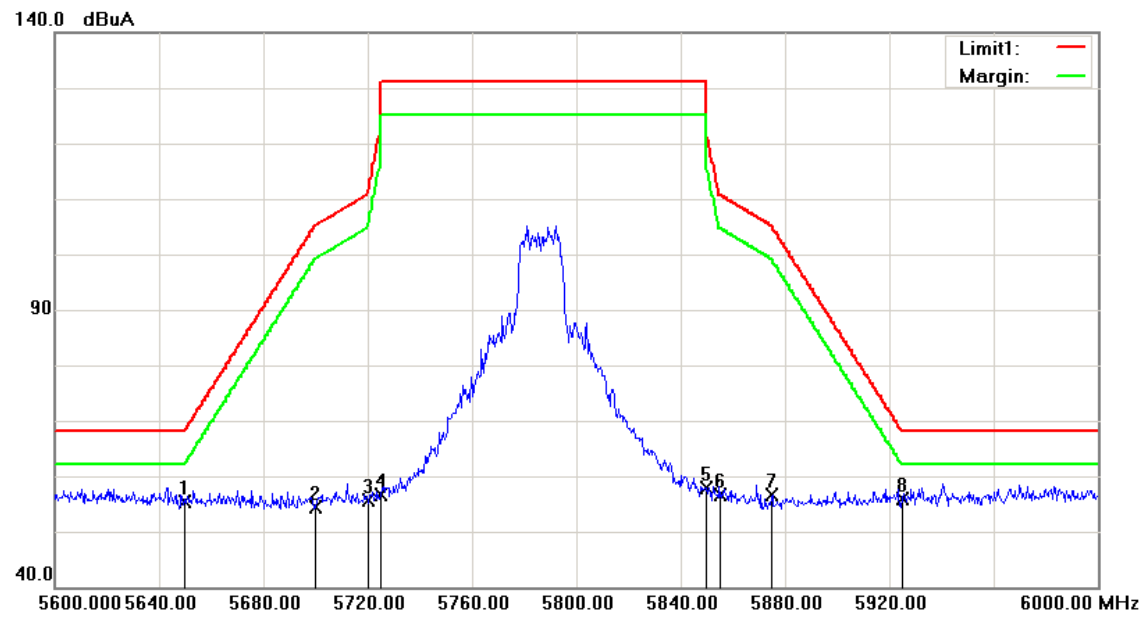


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.50	8.84	55.34	68.20	-12.86	peak
2	5700.000	55.15	8.97	64.12	105.20	-41.08	peak
3	5720.000	64.43	9.01	73.44	110.80	-37.36	peak
4	5725.000	71.44	9.03	80.47	122.20	-41.73	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		

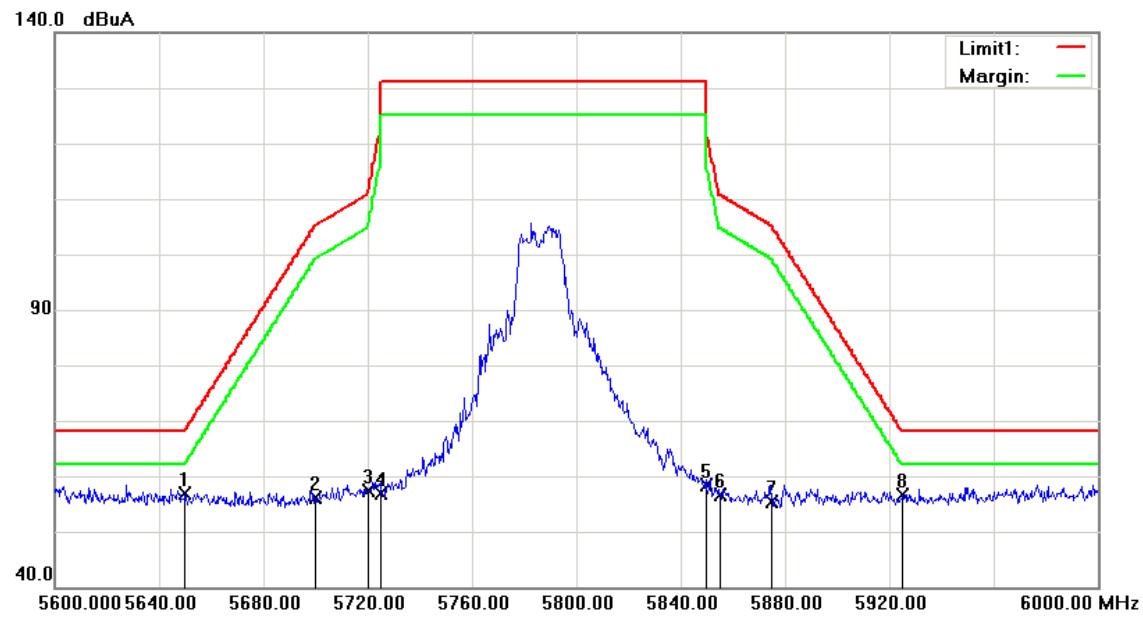
Beamforming on



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.58	8.84	55.42	68.20	-12.78	peak
2	5700.000	45.38	8.97	54.35	105.20	-50.85	peak
3	5720.000	46.52	9.01	55.53	110.80	-55.27	peak
4	5725.000	47.61	9.03	56.64	122.20	-65.56	peak
5	5850.000	48.50	9.33	57.83	122.20	-64.37	peak
6	5855.000	47.16	9.35	56.51	110.80	-54.29	peak
7	5875.000	47.32	9.40	56.72	105.20	-48.48	peak
8	5925.000	46.23	9.53	55.76	68.20	-12.44	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

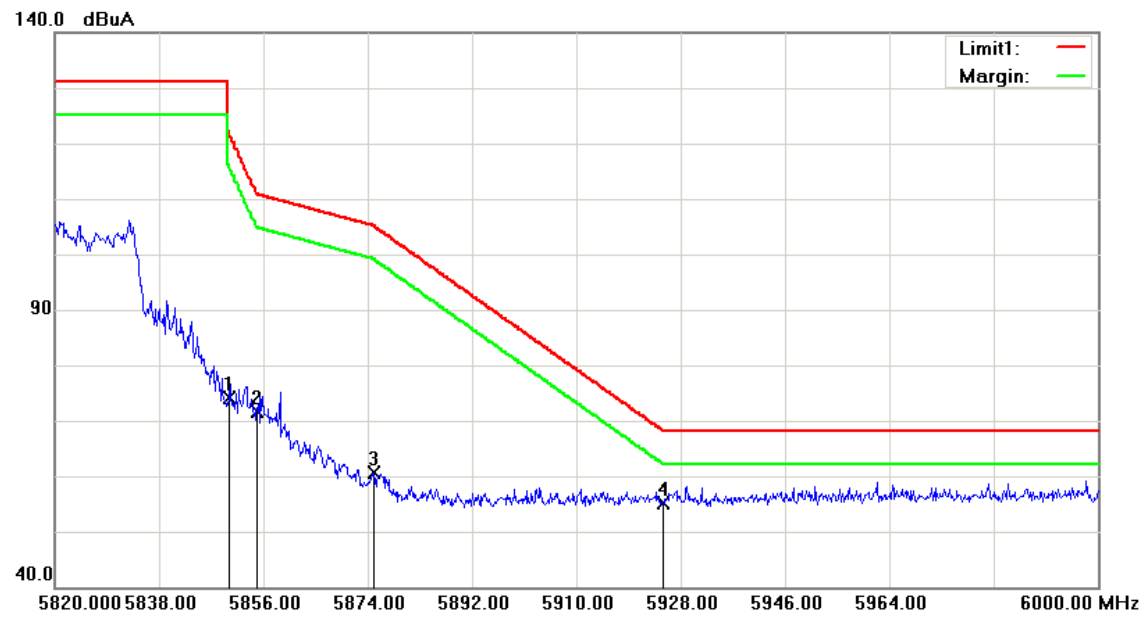
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5785 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	48.04	8.84	56.88	68.20	-11.32	peak
2	5700.000	47.10	8.97	56.07	105.20	-49.13	peak
3	5720.000	48.40	9.01	57.41	110.80	-53.39	peak
4	5725.000	47.86	9.03	56.89	122.20	-65.31	peak
5	5850.000	49.03	9.33	58.36	122.20	-63.84	peak
6	5855.000	47.29	9.35	56.64	110.80	-54.16	peak
7	5875.000	45.90	9.40	55.30	105.20	-49.90	peak
8	5925.000	47.04	9.53	56.57	68.20	-11.63	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

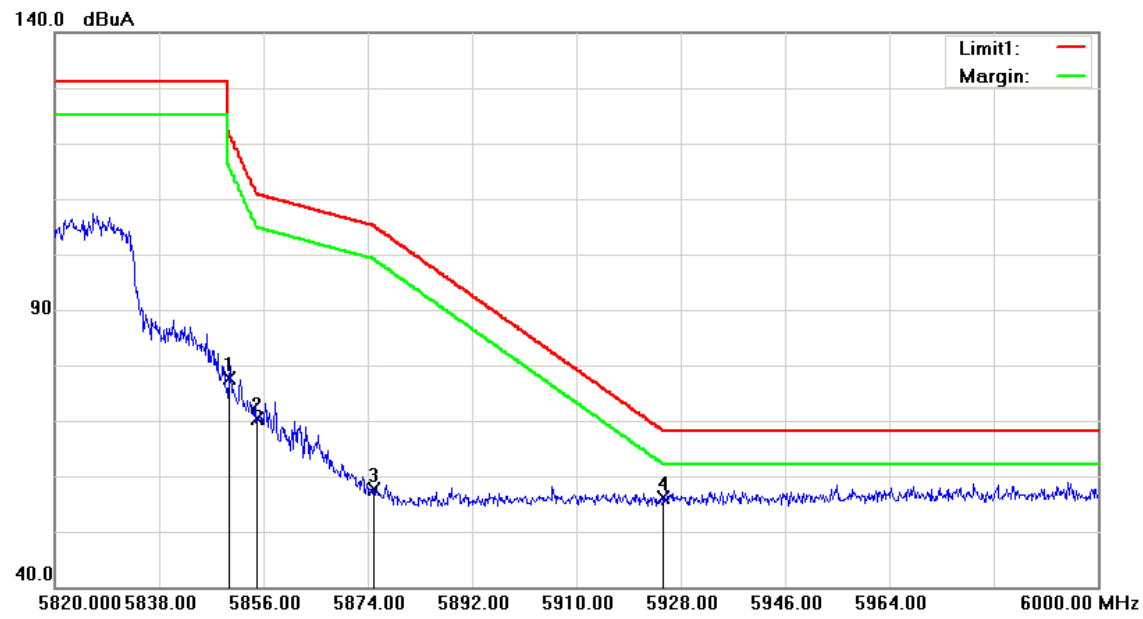
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	64.83	9.33	74.16	122.20	-48.04	peak
2	5855.000	62.40	9.35	71.75	110.80	-39.05	peak
3	5875.000	51.13	9.40	60.53	105.20	-44.67	peak
4	5925.000	45.48	9.53	55.01	68.20	-13.19	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

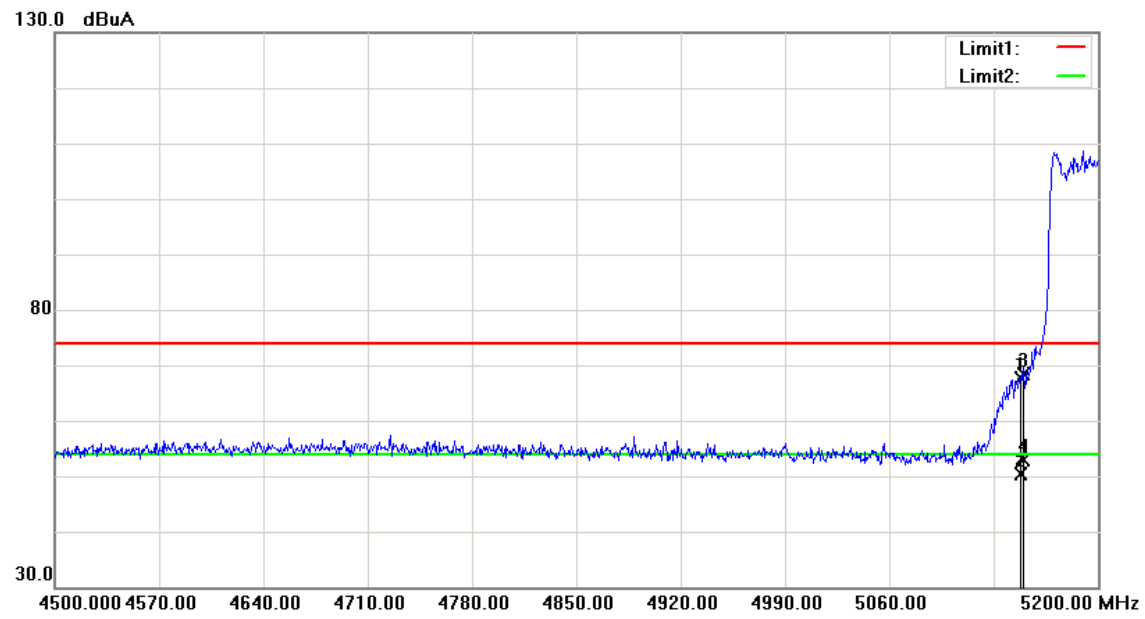
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 7	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5825 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	68.28	9.33	77.61	122.20	-44.59	peak
2	5855.000	60.98	9.35	70.33	110.80	-40.47	peak
3	5875.000	48.11	9.40	57.51	105.20	-47.69	peak
4	5925.000	46.67	9.53	56.20	68.20	-12.00	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

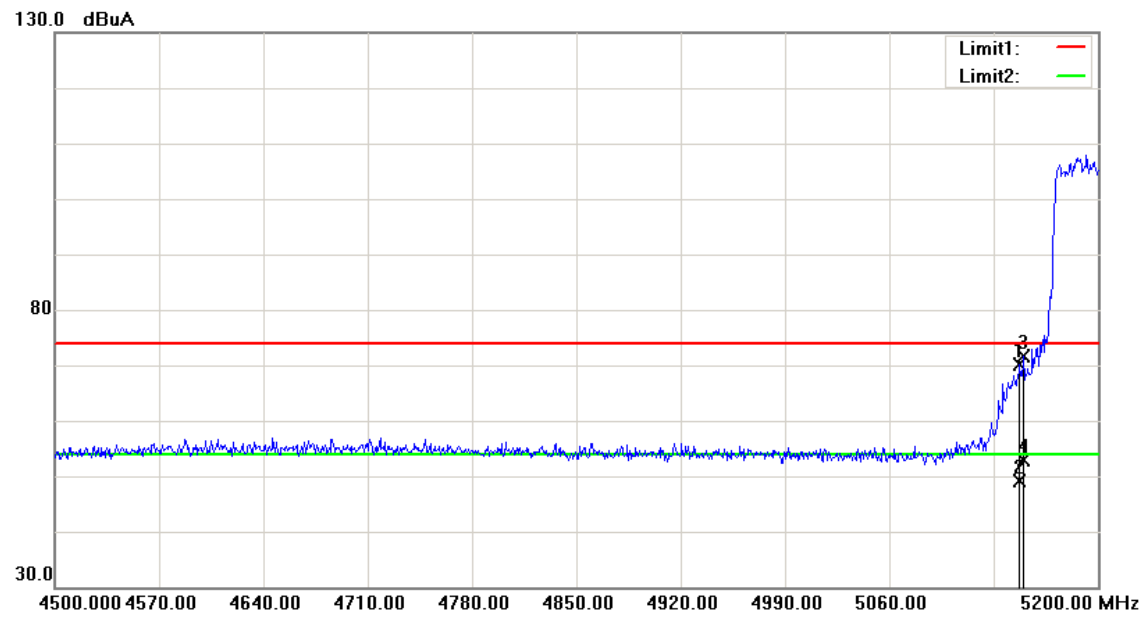
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5190 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.200	59.47	8.16	67.63	74.00	-6.37	peak
2	5148.200	42.15	8.16	50.31	54.00	-3.69	AVG
3	5150.000	60.13	8.16	68.29	74.00	-5.71	peak
4	5150.000	44.81	8.16	52.97	54.00	-1.03	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

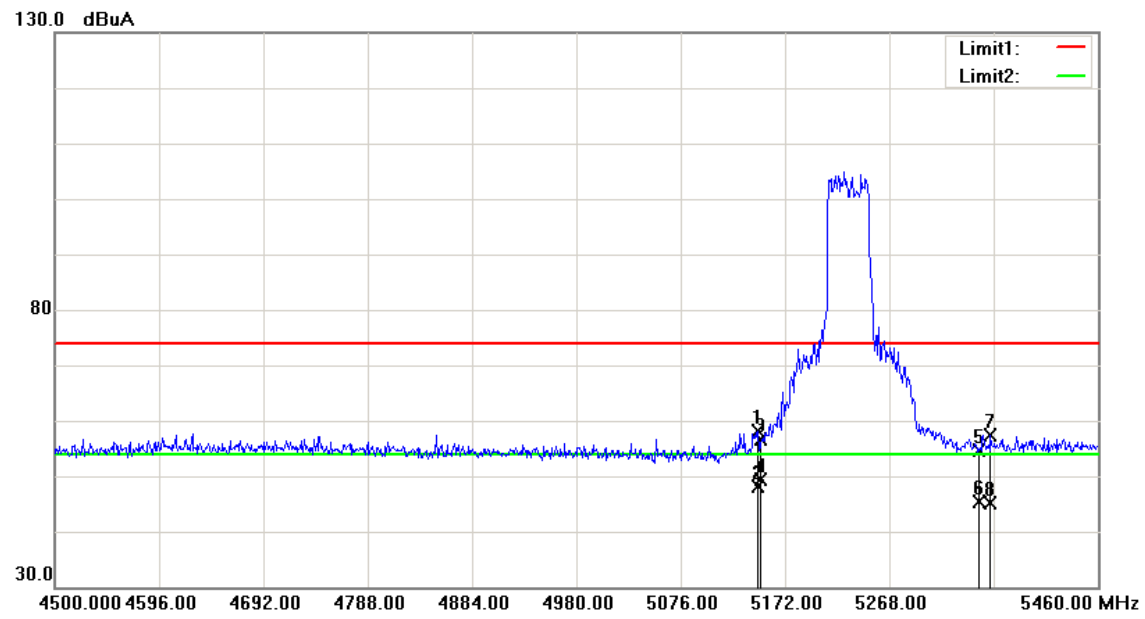
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5190 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.500	61.87	8.15	70.02	74.00	-3.98	peak
2	5147.500	41.09	8.15	49.24	54.00	-4.76	AVG
3	5150.000	63.37	8.16	71.53	74.00	-2.47	peak
4	5150.000	44.73	8.16	52.89	54.00	-1.11	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

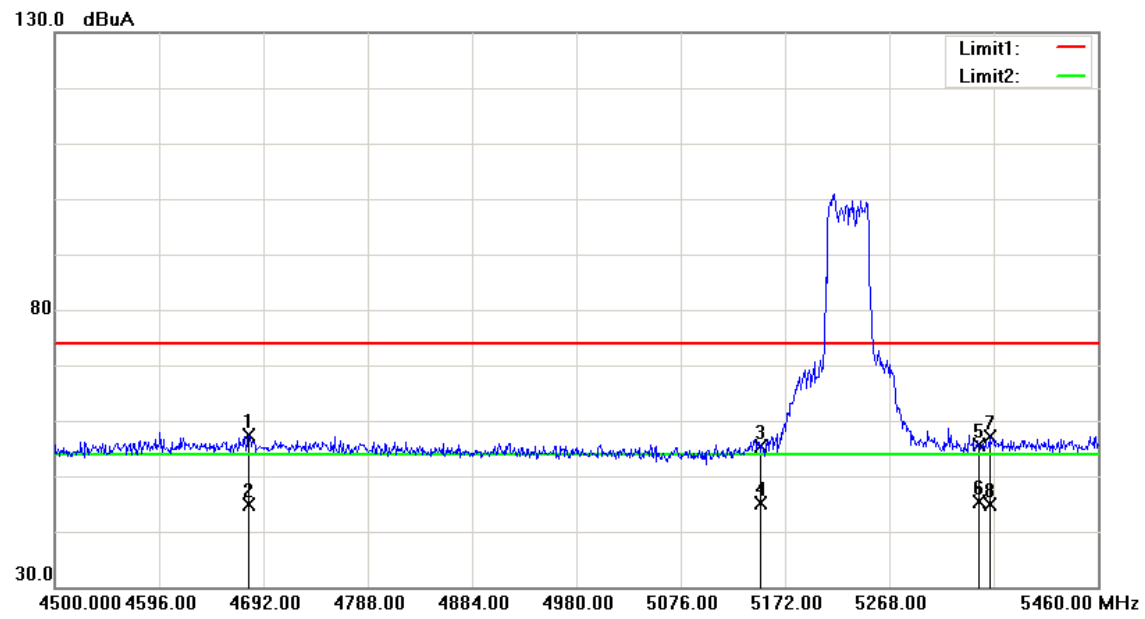
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5230 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.040	49.97	8.15	58.12	74.00	-15.88	peak
2	5147.040	40.02	8.15	48.17	54.00	-5.83	AVG
3	5150.000	48.55	8.16	56.71	74.00	-17.29	peak
4	5150.000	41.23	8.16	49.39	54.00	-4.61	AVG
5	5350.000	46.29	8.33	54.62	74.00	-19.38	peak
6	5350.000	36.93	8.33	45.26	54.00	-8.74	AVG
7	5361.120	48.93	8.34	57.27	74.00	-16.73	peak
8	5361.120	36.87	8.34	45.21	54.00	-8.79	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

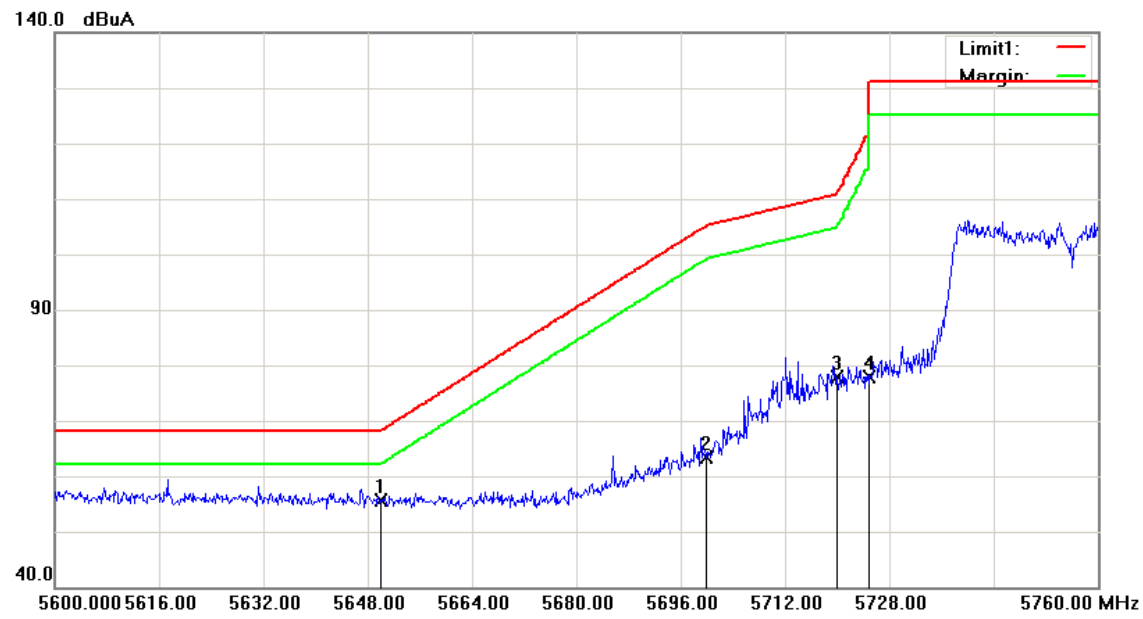
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5230 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4678.560	50.51	6.89	57.40	74.00	-16.60	peak
2	4678.560	38.04	6.89	44.93	54.00	-9.07	AVG
3	5150.000	47.17	8.16	55.33	74.00	-18.67	peak
4	5150.000	37.01	8.16	45.17	54.00	-8.83	AVG
5	5350.000	47.22	8.33	55.55	74.00	-18.45	peak
6	5350.000	37.05	8.33	45.38	54.00	-8.62	AVG
7	5360.160	48.84	8.34	57.18	74.00	-16.82	peak
8	5360.160	36.52	8.34	44.86	54.00	-9.14	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

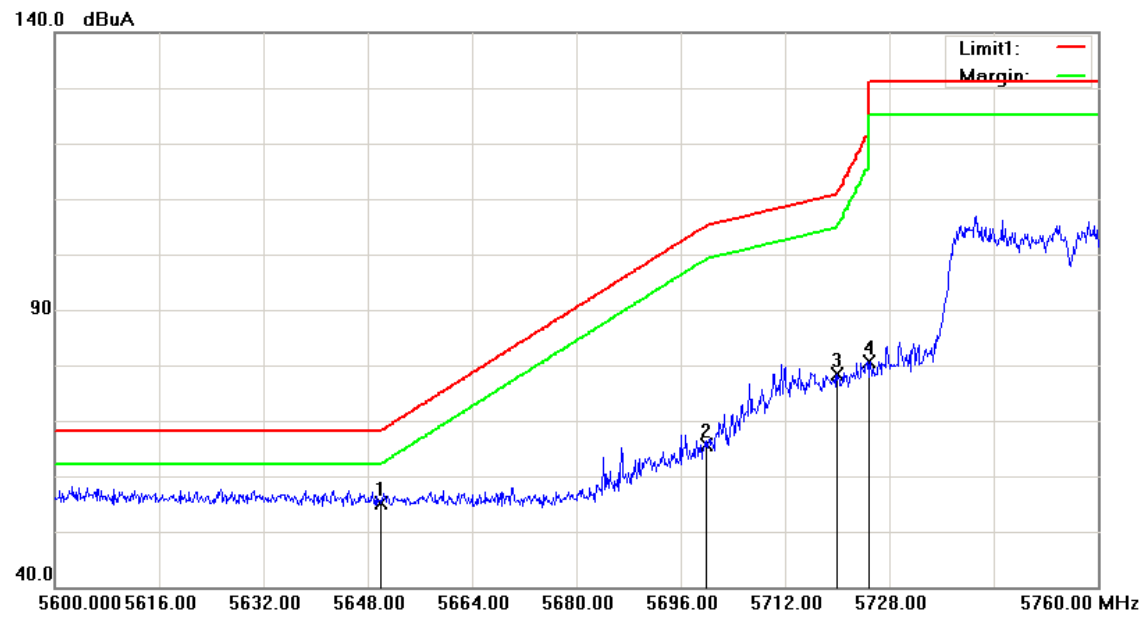
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5755 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.76	8.84	55.60	68.20	-12.60	peak
2	5700.000	54.49	8.97	63.46	105.20	-41.74	peak
3	5720.000	68.90	9.01	77.91	110.80	-32.89	peak
4	5725.000	68.79	9.03	77.82	122.20	-44.38	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

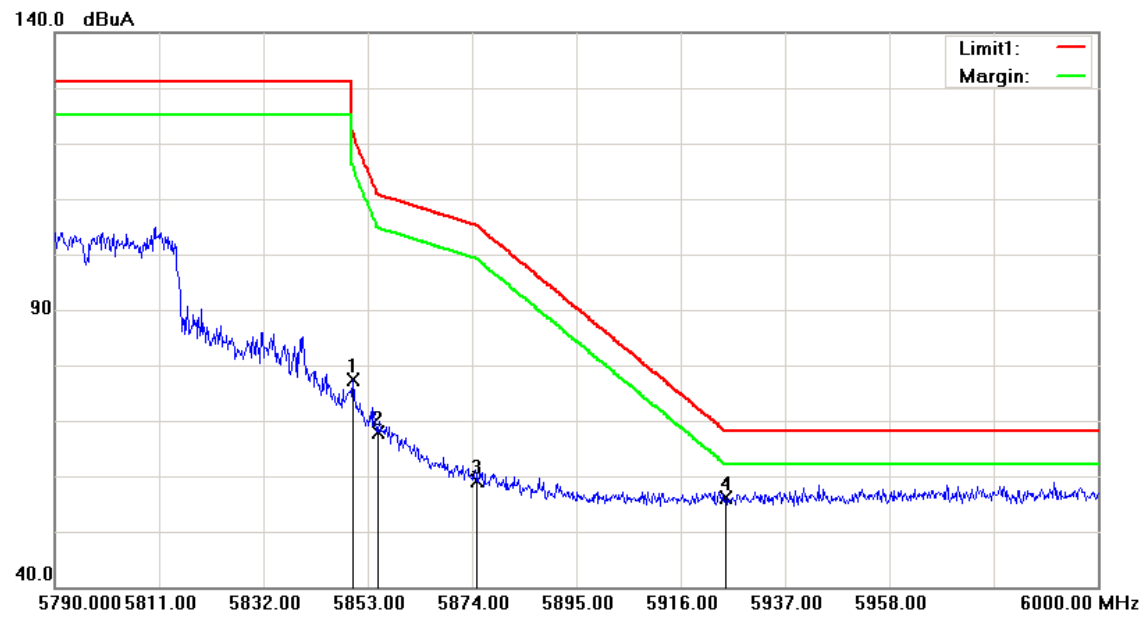
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5755 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.38	8.84	55.22	68.20	-12.98	peak
2	5700.000	56.62	8.97	65.59	105.20	-39.61	peak
3	5720.000	69.41	9.01	78.42	110.80	-32.38	peak
4	5725.000	71.48	9.03	80.51	122.20	-41.69	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

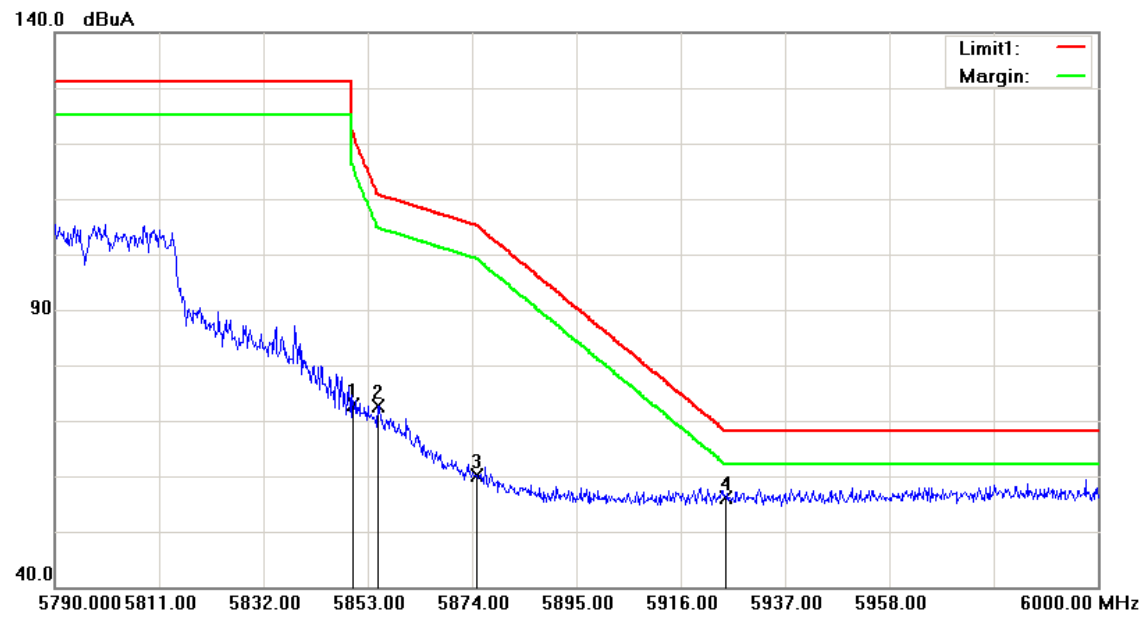
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5795 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	68.11	9.33	77.44	122.20	-44.76	peak
2	5855.000	58.64	9.35	67.99	110.80	-42.81	peak
3	5875.000	49.71	9.40	59.11	105.20	-46.09	peak
4	5925.000	46.48	9.53	56.01	68.20	-12.19	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

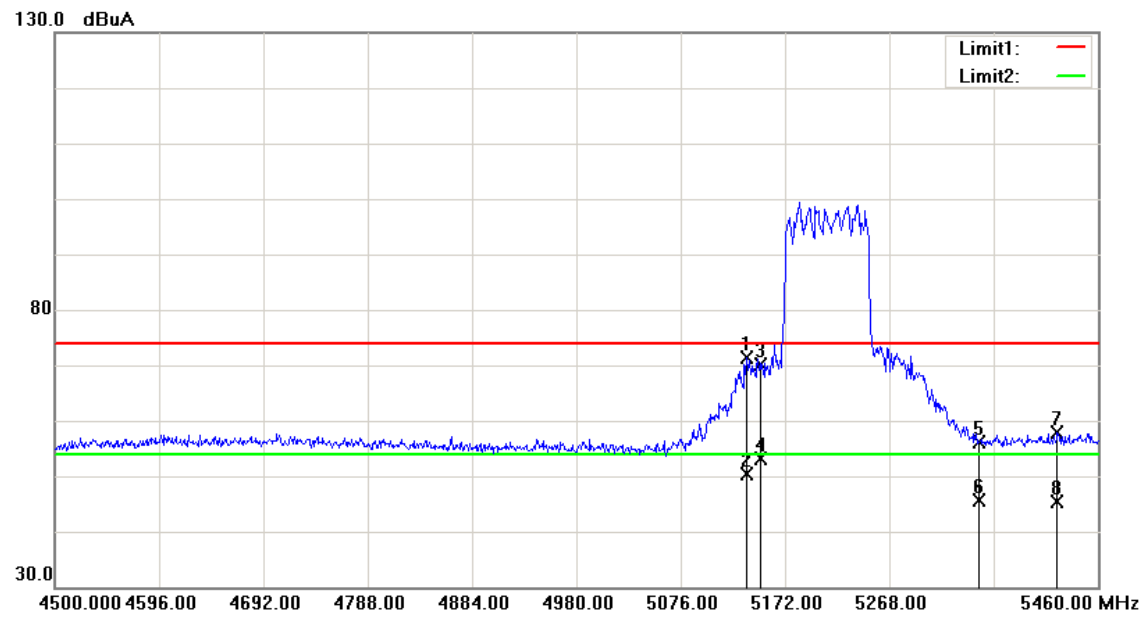
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 8	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5795 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	63.55	9.33	72.88	122.20	-49.32	peak
2	5855.000	63.23	9.35	72.58	110.80	-38.22	peak
3	5875.000	50.66	9.40	60.06	105.20	-45.14	peak
4	5925.000	46.69	9.53	56.22	68.20	-11.98	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

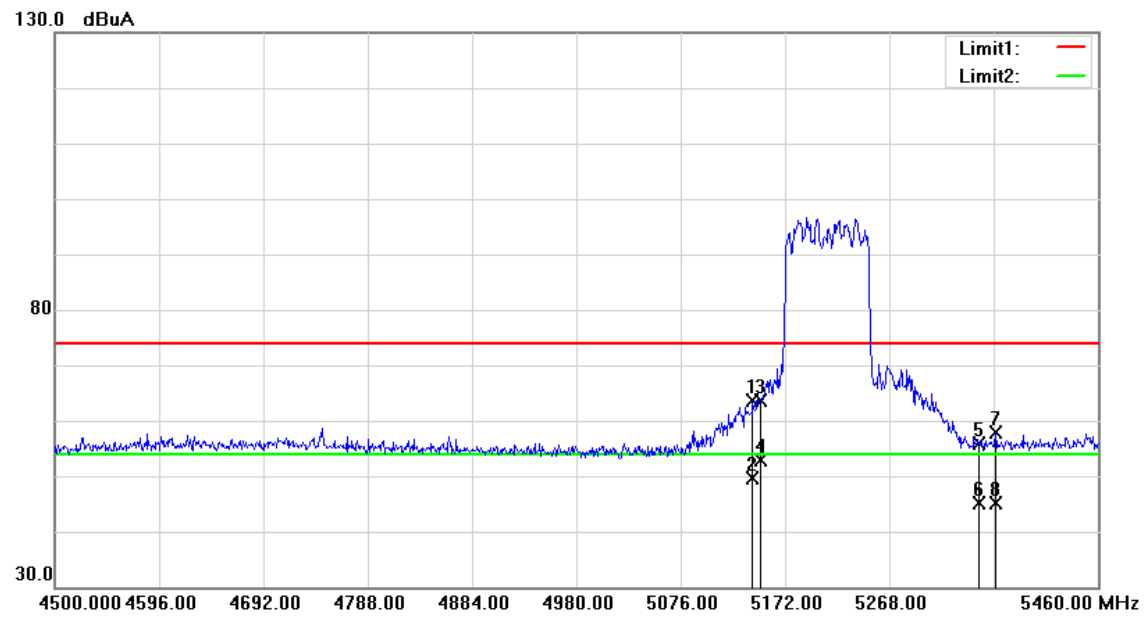
Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5210 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		
Beamforming on			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5136.480	63.12	8.14	71.26	74.00	-2.74	peak
2	5136.480	42.23	8.14	50.37	54.00	-3.63	AVG
3	5150.000	61.96	8.16	70.12	74.00	-3.88	peak
4	5150.000	44.88	8.16	53.04	54.00	-0.96	AVG
5	5350.000	47.85	8.33	56.18	74.00	-17.82	peak
6	5350.000	37.33	8.33	45.66	54.00	-8.34	AVG
7	5422.560	49.39	8.40	57.79	74.00	-16.21	peak
8	5422.560	37.10	8.40	45.50	54.00	-8.50	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5210 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		
Beamforming on			

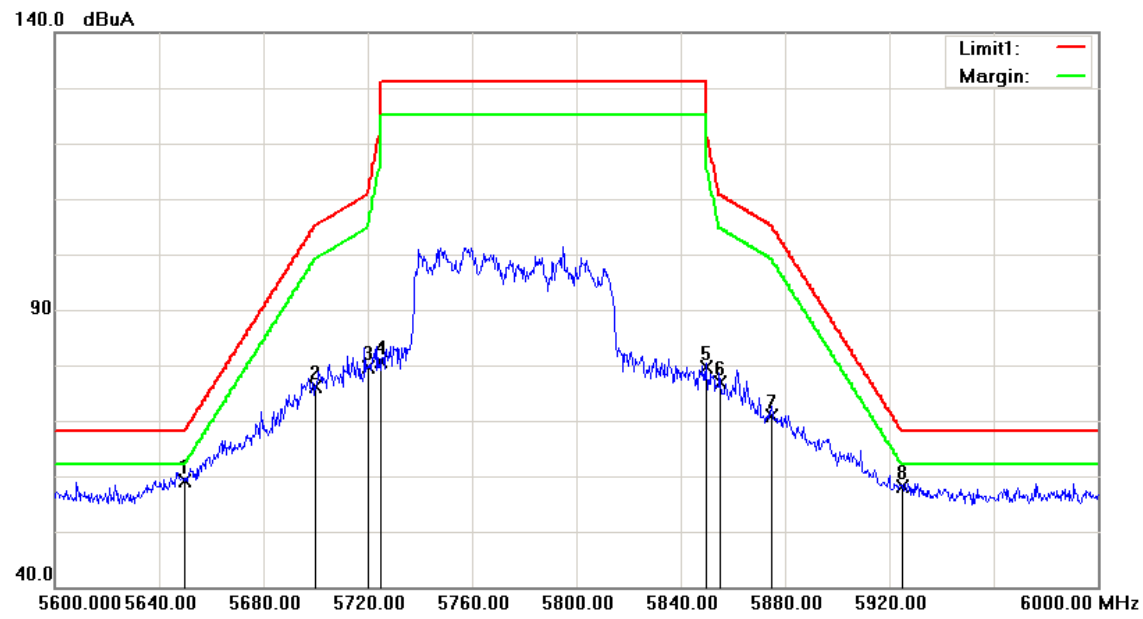


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.240	55.43	8.15	63.58	74.00	-10.42	peak
2	5142.240	41.42	8.15	49.57	54.00	-4.43	AVG
3	5150.000	55.51	8.16	63.67	74.00	-10.33	peak
4	5150.000	44.80	8.16	52.96	54.00	-1.04	AVG
5	5350.000	47.46	8.33	55.79	74.00	-18.21	peak
6	5350.000	36.76	8.33	45.09	54.00	-8.91	AVG
7	5365.920	49.48	8.35	57.83	74.00	-16.17	peak
8	5365.920	36.77	8.35	45.12	54.00	-8.88	AVG

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5775 MHz	Date:	10/09/2016
Ant.Polar.:	Horizontal		

Beamforming on

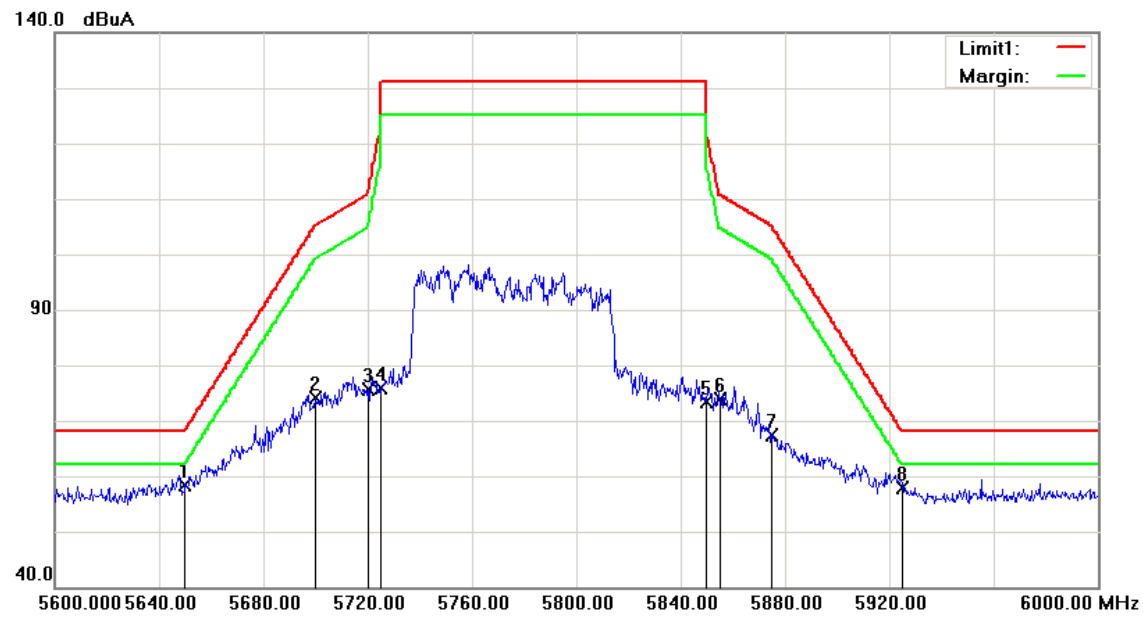


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	50.27	8.84	59.11	68.20	-9.09	peak
2	5700.000	67.09	8.97	76.06	105.20	-29.14	peak
3	5720.000	70.71	9.01	79.72	110.80	-31.08	peak
4	5725.000	71.72	9.03	80.75	122.20	-41.45	peak
5	5850.000	70.23	9.33	79.56	122.20	-42.64	peak
6	5855.000	67.41	9.35	76.76	110.80	-34.04	peak
7	5875.000	61.51	9.40	70.91	105.20	-34.29	peak
8	5925.000	48.63	9.53	58.16	68.20	-10.04	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	LP0002	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Test Mode:	Mode 9	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Frequency:	5775 MHz	Date:	10/09/2016
Ant.Polar.:	Vertical		

Beamforming on



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	49.66	8.84	58.50	68.20	-9.70	peak
2	5700.000	65.27	8.97	74.24	105.20	-30.96	peak
3	5720.000	66.52	9.01	75.53	110.80	-35.27	peak
4	5725.000	66.81	9.03	75.84	122.20	-46.36	peak
5	5850.000	64.16	9.33	73.49	122.20	-48.71	peak
6	5855.000	64.63	9.35	73.98	110.80	-36.82	peak
7	5875.000	57.91	9.40	67.31	105.20	-37.89	peak
8	5925.000	48.39	9.53	57.92	68.20	-10.28	peak

Note: 1. Result = Correction factor + Reading
2.Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
3. When the peak results are less than average limit, so not need to evaluate the average.

測試配置照片:

測試模式：	1 GHz以下量測
敘述：	場強輻射檢驗照片(前)



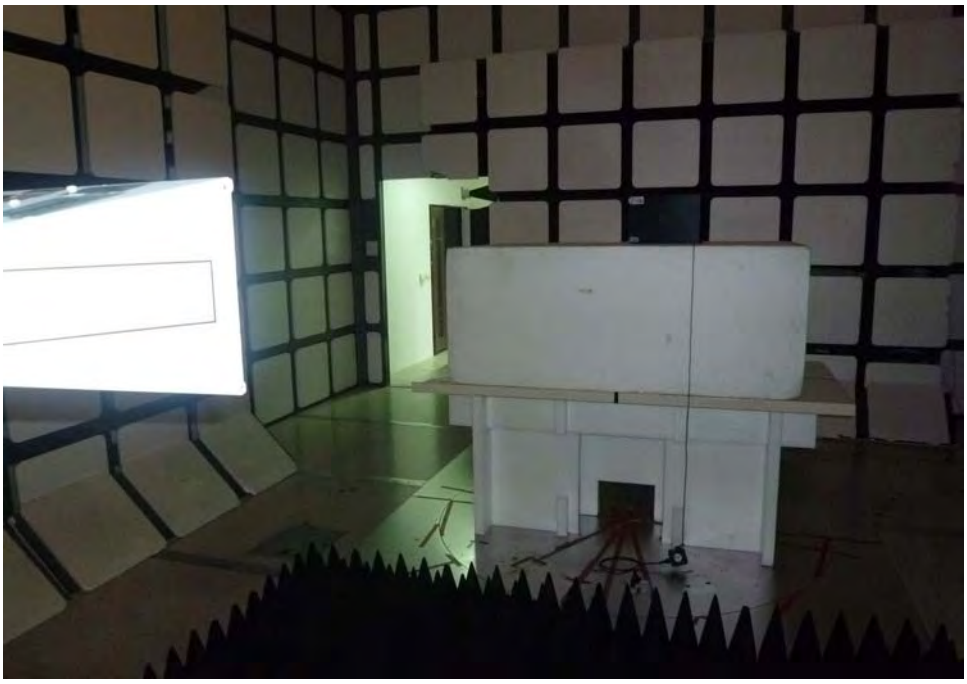
測試模式：	1 GHz以下量測
敘述：	場強輻射檢驗照片(後)



測試模式：	1 GHz以上量測
敘述：	場強輻射檢驗照片(前)



測試模式：	1 GHz以上量測
敘述：	場強輻射檢驗照片(後)



4.3.2 峰值發射功率之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.3 節之要求:

1. 5.15-5.25GHz 頻帶

(1) 供戶外操作使用:
- 最大傳導輸出功率不能超過 1W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17dBm。
- 使用超過 6dBi 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 21dBm。

(2) 供室內操作使用:
- 最大傳導輸出功率不能超過 1W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17dBm。
- 使用超過 6dBi 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 1W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17dBm。
- 使用超過 23dBi 方向增益之指向性天線時，應依超過 23dBi 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 250mW。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 11dBm。
- 使用超過 6dBi 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. 5.25-5.35GHz 與 5.470-5.725GHz 頻帶

(1) 最大傳導輸出功率不能超過 250mW 或 11dBm+10 log B (B 是 26dB 發射頻寬，單位 MHz)之較小者。

(2) 最大功率頻譜密度在任何 1MHz 頻帶中不能超過 11dBm。

(3) 使用超過 6dBi 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. 5.725-5.850GHz 頻帶

(1) 最大傳導輸出功率不能超過 1W。

(2) 在任何 500kHz 頻帶中最大功率頻譜密度不能超過 30dBm。

(3) 供固定式點對點操作時，使用方向增益超過 6dBi 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。

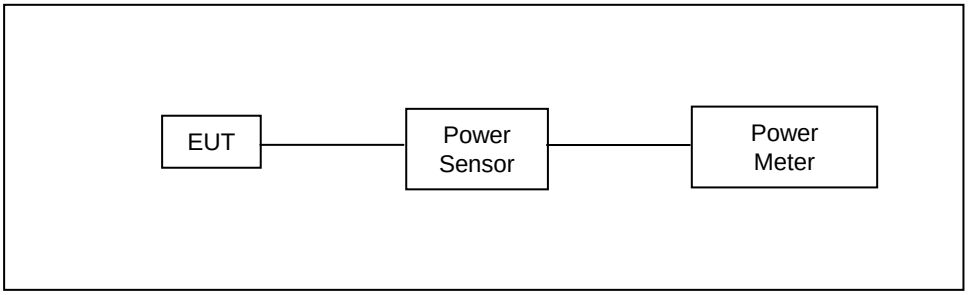
(4) 除(3)外，使用超過 6dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

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。

＊ SISO mode for ANT-0：Max. Gain = 1.71 dBi < 6dBi

＊ MIMO/BF mode：Directional Gain =10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 3.8 dBi < 6dBi

測試架構圖 ：



測試結果:

Model Number	EW-7822ULC		
Test Item	Maximum Conducted Output Power		
Test Mode	Mode 6: IEEE 802.11a		
Date of Test	07/29/2016		
Frequency (MHz)	Data Rate	ANT-0 Max. Outup Power (dBm)	ANT-0 Max. Outup Power (W)	FCC Limit (dBm)
5180	6M	14.70	0.030	≤ 24
5200		15.08	0.032	
5220		14.96	0.031	
5240		14.66	0.029	
5745		13.67	0.023	≤ 30
5765		14.32	0.027	
5785		14.21	0.026	
5805		13.99	0.025	
5825		14.27	0.027	
5180	54M	14.65	0.029	≤ 24
5200		15.04	0.032	
5220		14.91	0.031	
5240		14.63	0.029	
5745		13.63	0.023	≤ 30
5765		14.28	0.027	
5785		14.17	0.026	
5805		13.95	0.025	
5825		14.23	0.026	

Note: The relevant measured result has the offset with cable loss already.

Model Number	EW-7822ULC
Test Item	Maximum Conducted Output Power
Test Mode	Mode 7: IEEE 802.11ac 20MHz
Date of Test	07/29/2016

Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		Max. Outup Power						
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	13M	13.58	0.023	13.77	0.024	16.69	0.047	≤ 24
5200		13.53	0.023	15.43	0.035	17.59	0.057	
5220		13.75	0.024	15.27	0.034	17.59	0.057	
5240		13.65	0.023	15.20	0.033	17.50	0.056	
5745		14.24	0.027	13.55	0.023	16.92	0.049	≤ 30
5765		14.19	0.026	13.94	0.025	17.08	0.051	
5785		14.12	0.026	13.87	0.024	17.01	0.050	
5805		14.30	0.027	13.79	0.024	17.06	0.051	
5825		14.03	0.025	13.74	0.024	16.90	0.049	
5180	156M	13.56	0.023	13.72	0.024	16.65	0.046	≤ 24
5200		13.50	0.022	15.38	0.035	17.55	0.057	
5220		13.71	0.023	15.23	0.033	17.55	0.057	
5240		13.63	0.023	15.18	0.033	17.48	0.056	
5745		14.21	0.026	13.52	0.022	16.89	0.049	≤ 30
5765		14.16	0.026	13.92	0.025	17.05	0.051	
5785		14.10	0.026	13.82	0.024	16.97	0.050	
5805		14.26	0.027	13.77	0.024	17.03	0.051	
5825		13.98	0.025	13.69	0.023	16.85	0.048	

Note: The relevant measured result has the offset with cable loss already.

Model Number		EW-7822ULC						
Test Item		Maximum Conducted Output Power						
Test Mode		Mode 8: IEEE 802.11ac 40MHz						
Date of Test		07/29/2016						
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		Max. Outup Power						
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	27M	13.39	0.022	13.48	0.022	16.45	0.044	≤ 24
5230		14.22	0.026	14.11	0.026	17.18	0.052	
5755		14.23	0.026	14.33	0.027	17.29	0.054	≤ 30
5795		14.34	0.027	14.22	0.026	17.29	0.054	
5190	360M	13.33	0.022	13.46	0.022	16.41	0.044	≤ 24
5230		14.20	0.026	14.06	0.025	17.14	0.052	
5755		14.20	0.026	14.28	0.027	17.25	0.053	≤ 30
5755		14.30	0.027	14.19	0.026	17.26	0.053	

Model Number		EW-7822ULC						
Test Item		Maximum Conducted Output Power						
Test Mode		Mode 9: IEEE 802.11ac 80MHz						
Date of Test		07/29/2016						
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		Max. Outup Power						
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5210	58.6 M	13.06	0.020	13.15	0.021	16.12	0.041	≤ 24
5775		12.68	0.019	13.33	0.022	16.03	0.040	≤ 30
5210	780M	13.04	0.020	13.10	0.020	16.08	0.041	≤ 24
5775		12.67	0.018	13.30	0.021	16.01	0.040	≤ 30

Note: The relevant measured result has the offset with cable loss already.

Model Number	EW-7822ULC						
Test Item	Maximum Conducted Output Power						
Test Mode	Mode 7: IEEE 802.11ac 20MHz						
Date of Test	07/29/2016						
Beamforming on							
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		Max. Outup Power						
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	13M	13.22	0.021	13.17	0.021	16.21	0.042	≤ 24
5200		14.65	0.029	14.21	0.026	17.45	0.056	
5220		14.14	0.026	14.13	0.026	17.15	0.052	
5240		14.15	0.026	14.12	0.026	17.15	0.052	
5745		14.20	0.026	13.96	0.025	17.09	0.051	≤ 30
5765		14.36	0.027	14.22	0.026	17.30	0.054	
5785		14.39	0.027	14.26	0.027	17.34	0.054	
5805		14.43	0.028	13.57	0.023	17.03	0.050	
5825		14.01	0.025	12.62	0.018	16.38	0.043	
5180	156M	13.20	0.021	13.13	0.021	16.18	0.041	≤ 24
5200		14.60	0.029	14.14	0.026	17.39	0.055	
5220		14.10	0.026	14.08	0.026	17.10	0.051	
5240		14.09	0.026	14.07	0.026	17.09	0.051	
5745		14.17	0.026	13.94	0.025	17.07	0.051	≤ 30
5765		14.33	0.027	14.13	0.026	17.24	0.053	
5785		14.34	0.027	14.21	0.026	17.29	0.054	
5805		14.38	0.027	13.51	0.022	16.98	0.050	
5825		13.99	0.025	12.60	0.018	16.36	0.043	

Note: The relevant measured result has the offset with cable loss already.

Model Number	EW-7822ULC						
Test Item	Maximum Conducted Output Power						
Test Mode	Mode 8: IEEE 802.11ac 40MHz						
Date of Test	07/29/2016						
Beamforming on							
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		Max. Outup Power						
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	27M	11.82	0.015	11.03	0.013	14.45	0.028	≤ 24
5230		14.24	0.027	13.61	0.023	16.95	0.050	
5755		14.01	0.025	13.91	0.025	16.97	0.050	≤ 30
5795		14.04	0.025	13.60	0.023	16.84	0.048	
5190	360M	11.81	0.015	11.00	0.013	14.43	0.028	≤ 24
5230		14.20	0.026	13.57	0.023	16.91	0.049	
5755		13.99	0.025	13.88	0.024	16.95	0.049	≤ 30
5755		14.00	0.025	13.52	0.022	16.78	0.048	

Model Number	EW-7822ULC						
Test Item	Maximum Conducted Output Power						
Test Mode	Mode 9: IEEE 802.11ac 80MHz						
Date of Test	07/29/2016						
Beamforming on							
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		Max. Outup Power						
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5210	58.6 M	10.25	0.011	10.18	0.010	13.23	0.021	≤ 24
5775		14.24	0.027	13.53	0.023	16.91	0.049	≤ 30
5210	780M	10.23	0.011	10.10	0.010	13.18	0.021	≤ 24
5775		14.18	0.026	13.50	0.022	16.86	0.049	≤ 30

Note: The relevant measured result has the offset with cable loss already.

4.3.3 峰值功率頻譜密度之要求

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.3 節之要求:

1. 5.15-5.25GHz 頻帶

   (1) 供戶外操作使用:
   - 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17dBm。
   - 使用超過 6dBi 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 21dBm。

   (2) 供室內操作使用:
   - 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17dBm。
   - 使用超過 6dBi 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 1MHz 頻帶中最大功率頻譜密度不能超過 17dBm。
   - 使用超過 23dBi 方向增益之指向性天線時，應依超過 23dBi 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 1MHz 頻帶中最大功率頻譜密度不能超過 11dBm。
   - 使用超過 6dBi 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. 5.25-5.35GHz 與 5.470-5.725GHz 頻帶

   (1) 最大功率頻譜密度在任何 1MHz 頻帶中不能超過 11dBm。

   (2) 使用超過 6dBi 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. 5.725-5.850GHz 頻帶

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

   (2) 供固定式點對點操作時，使用方向增益超過 6dBi 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。

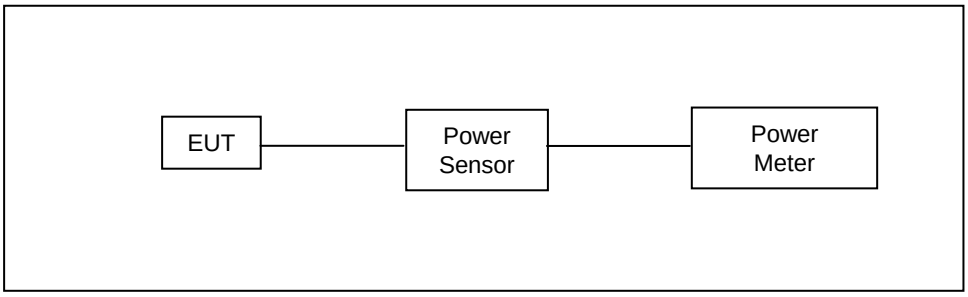
   (3) 除(2)外，使用超過 6dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

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 1MHz 頻寬或或待測物之 26dB 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 500kHz 或待測物之 26dB 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。

＊ SISO mode for ANT-0：Max. Gain = 1.71 dBi < 6dBi

＊ MIMO mode：Directional Gain =10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 3.8 dBi < 6dBi

測試架構圖 ：



測試結果:

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 6: IEEE 802.11a			
Date of Test	09/04/2016			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	2.509	0.305	2.814	< 11
5200	1.975	0.305	2.280	
5240	2.312	0.305	2.617	

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 6: IEEE 802.11a			
Date of Test	09/04/2016			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/500KHz)
5745	-8.30	0.305	-1.00	< 30
5785	-8.83	0.305	-1.54	
5825	-9.25	0.305	-1.95	

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500k/100k)

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 7: IEEE 802.11ac 20MHz			
Date of Test	09/04/2016			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	1.892	0.717	2.609	< 11
5200	2.329	0.717	3.046	
5240	0.982	0.717	1.699	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	-2.214	0.717	-1.497	< 11
5200	-1.313	0.717	-0.596	
5240	1.984	0.717	2.701	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/MHz)			Limit (dBm/MHz)
5180	4.034			< 11
5200	4.606			
5240	5.239			

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 7: IEEE 802.11ac 20MHz			
Date of Test	09/04/2016			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/500KHz)
5745	-6.67	0.717	1.03	< 30
5785	-6.84	0.717	0.87	
5825	-6.59	0.717	1.12	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/500KHz)
5745	-8.74	0.717	-1.03	< 30
5785	-9.61	0.717	-1.90	
5825	-11.52	0.717	-3.81	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500KHz)			Limit (dBm/500KHz)
5745	3.13			< 30
5785	2.71			
5825	2.33			

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500k/100k)

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 8: IEEE 802.11ac 40MHz			
Date of Test	09/04/2016			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-7.292	0.473	-6.819	< 11
5230	-6.462	0.473	-5.989	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.935	0.473	-3.462	< 11
5230	-4.394	0.473	-3.921	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/MHz)			Limit (dBm/MHz)
5190	-1.813			< 11
5230	-1.822			

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 8: IEEE 802.11ac 40MHz			
Date of Test	09/04/2016			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/500KHz)
5755	-15.34	0.473	-7.88	< 30
5795	-6.06	0.473	1.41	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/500KHz)
5755	-15.16	0.473	-7.69	< 30
5795	-10.14	0.473	-2.67	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500KHz)			Limit (dBm/500KHz)
5755	-4.77			< 30
5795	2.84			

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500k/100k)

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 9: IEEE 802.11ac 80MHz			
Date of Test	09/04/2016			
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.327	1.753	-5.574	< 11
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.929	1.753	-6.176	< 11
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/MHz)			Limit (dBm/MHz)
5210	-2.854			< 11

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 9: IEEE 802.11ac 80MHz			
Date of Test	09/04/2016			
Frequency (MHz)	ANT-0			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/MHz)
5775	-7.80	1.753	0.95	< 30
Frequency (MHz)	ANT-1			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/MHz)
5775	-14.76	1.753	-6.02	< 30
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500KHz)			Limit (dBm/MHz)
5775	1.74			< 30

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500k/100k)

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 7: IEEE 802.11ac 20MHz			
Date of Test	09/04/2016			
Beamforming on				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.365	0.120	0.485	< 11
5200	1.527	0.120	1.647	
5240	1.654	0.120	1.774	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.861	0.120	0.981	< 11
5200	1.004	0.120	1.124	
5240	1.349	0.120	1.469	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/MHz)			Limit (dBm/MHz)
5180	3.750			< 11
5200	4.404			
5240	4.635			

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 7: IEEE 802.11ac 20MHz			
Date of Test	09/04/2016			
Beamforming on				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/500KHz)
5745	-6.85	0.120	0.26	< 30
5785	-6.62	0.120	0.49	
5825	-7.27	0.120	-0.16	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/500KHz)
5745	-7.48	0.120	-0.37	< 30
5785	-6.69	0.120	0.42	
5825	-8.55	0.120	-1.44	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500KHz)			Limit (dBm/500KHz)
5745	2.97			< 30
5785	3.47			
5825	2.26			

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500k/100k)

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 8: IEEE 802.11ac 40MHz			
Date of Test	09/04/2016			
Beamforming on				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.539	0.964	-2.575	< 11
5230	-1.019	0.964	-0.055	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-5.321	0.964	-4.357	< 11
5230	-1.974	0.964	-1.010	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/MHz)			Limit (dBm/MHz)
5190	-0.365			< 11
5230	2.504			

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 8: IEEE 802.11ac 40MHz			
Date of Test	09/04/2016			
Beamforming on				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/500KHz)
5755	-10.65	0.964	-2.70	< 30
5795	-11.72	0.964	-3.76	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/500KHz)
5755	-9.80	0.964	-1.85	< 30
5795	-11.13	0.964	-3.17	
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500KHz)			Limit (dBm/500KHz)
5755	0.76			< 30
5795	-0.45			

Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500k/100k)

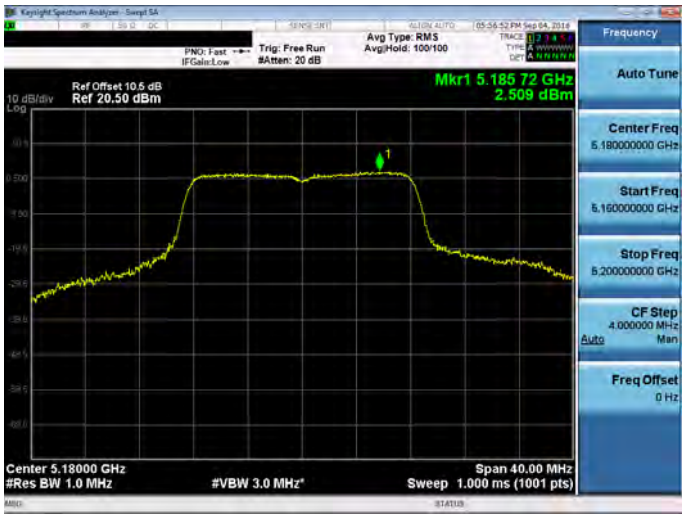
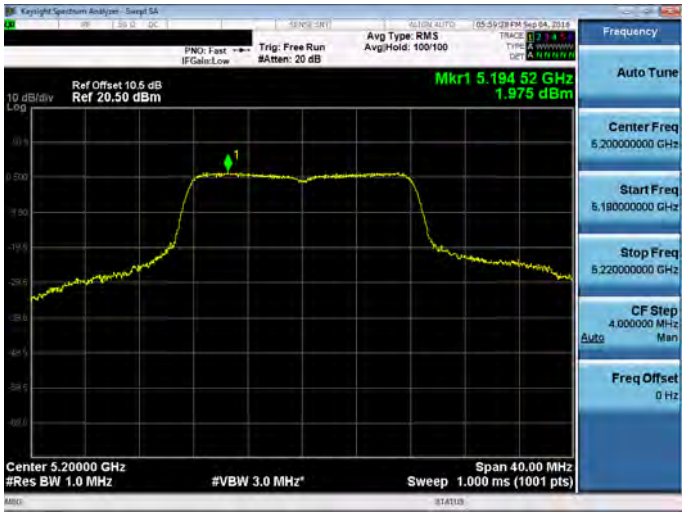
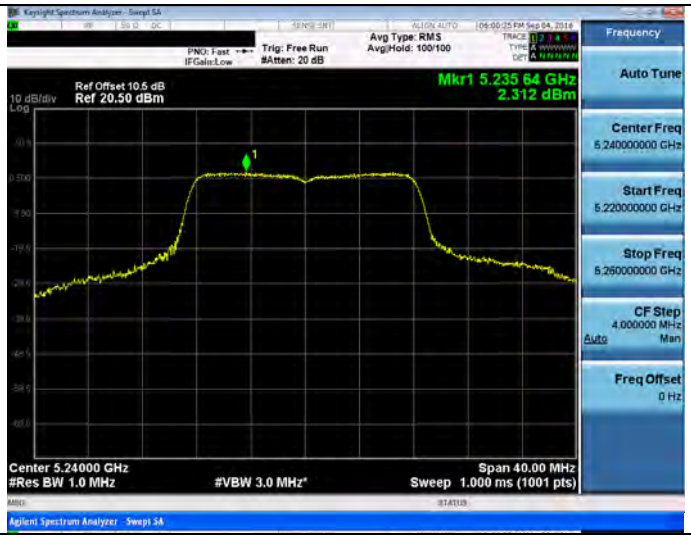
Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 9: IEEE 802.11ac 80MHz			
Date of Test	09/04/2016			
Beamforming on				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-8.300	1.769	-6.531	< 11
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-9.225	1.769	-7.456	< 11
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/MHz)			Limit (dBm/MHz)
5210	-3.959			< 11

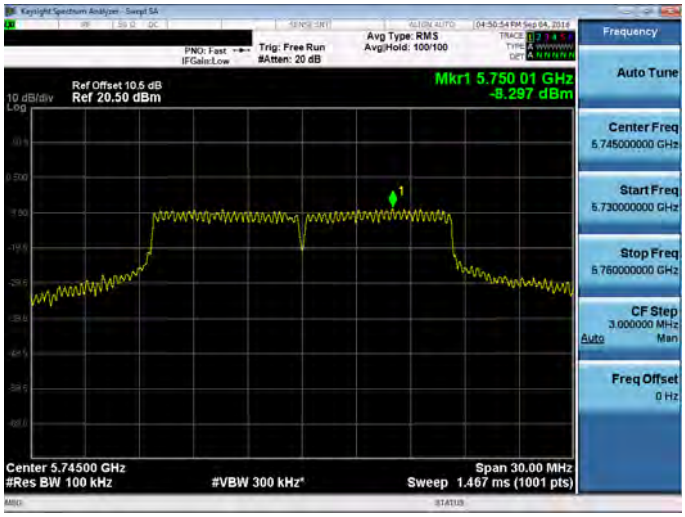
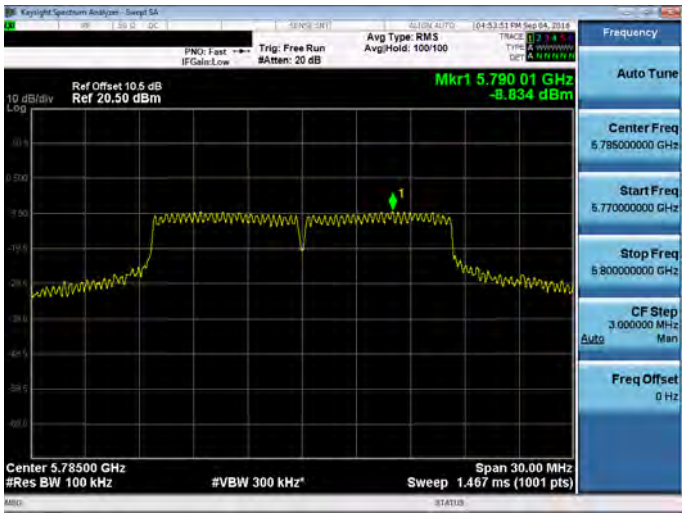
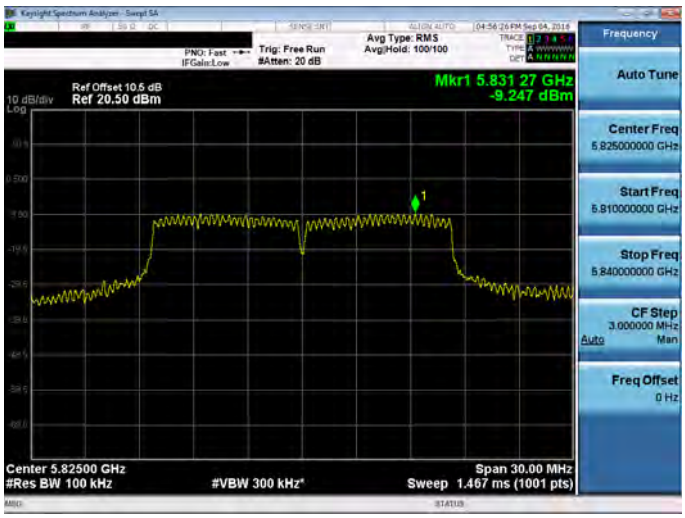
Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

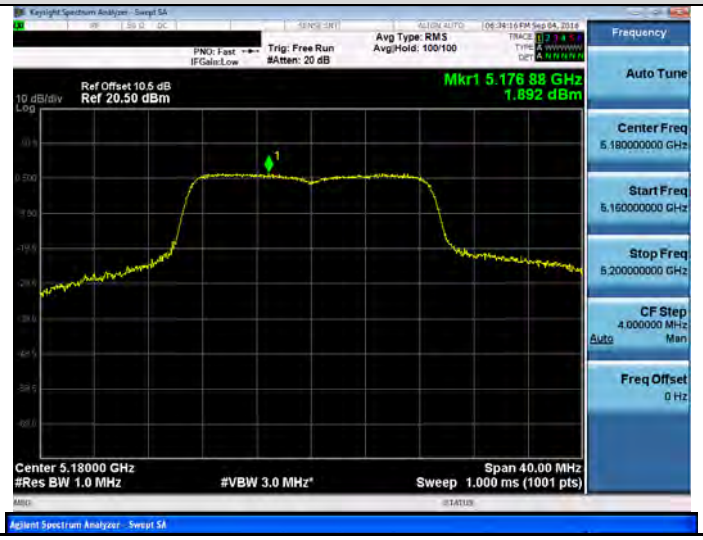
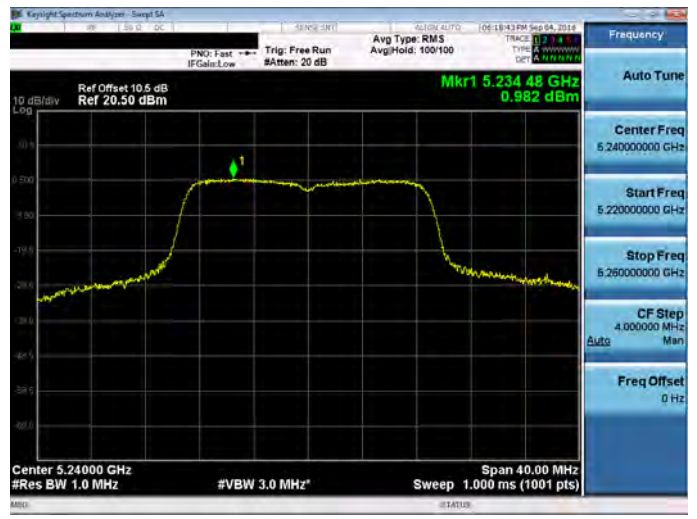
Model Number	EW-7822ULC			
Test Item	Conducted power spectral density			
Test Mode	Mode 9: IEEE 802.11ac 80MHz			
Date of Test	09/04/2016			
Beamforming on				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/MHz)
5775	-12.33	1.769	-3.57	< 30
Frequency (MHz)	ANT-1			
	Measurement (dBm/100KHz)	Duty Factor (dB)	Calculated (dBm/500KHz)	Limit (dBm/MHz)
5775	-12.16	1.769	-3.40	< 30
Frequency (MHz)	ANT-0+1			
	Calculated (dBm/500KHz)			Limit (dBm/MHz)
5775	-0.47			< 30

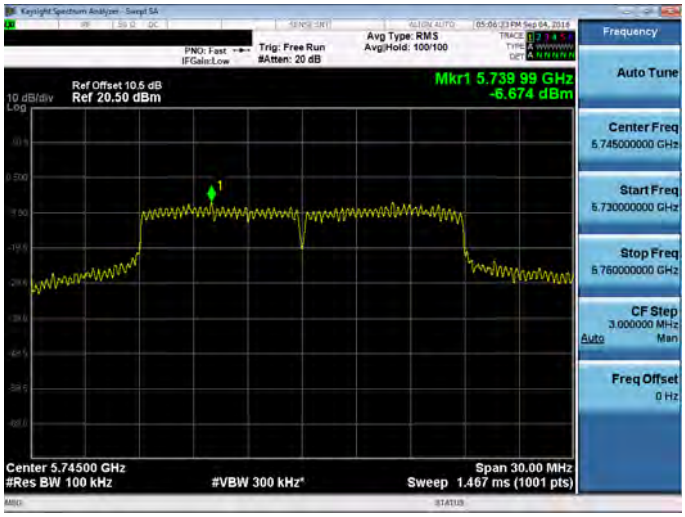
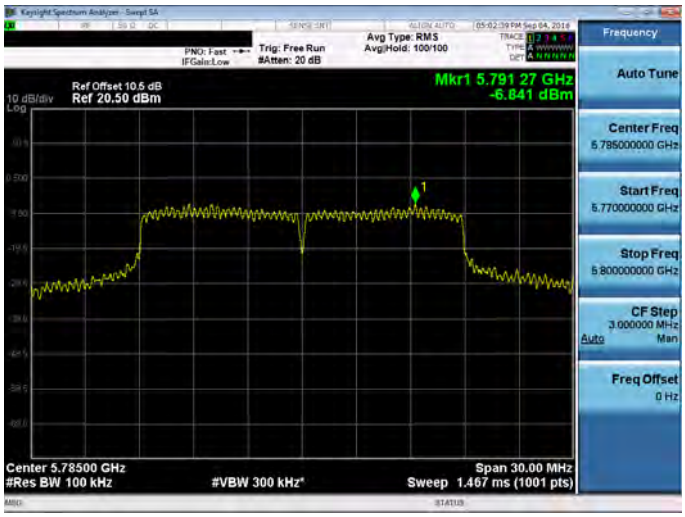
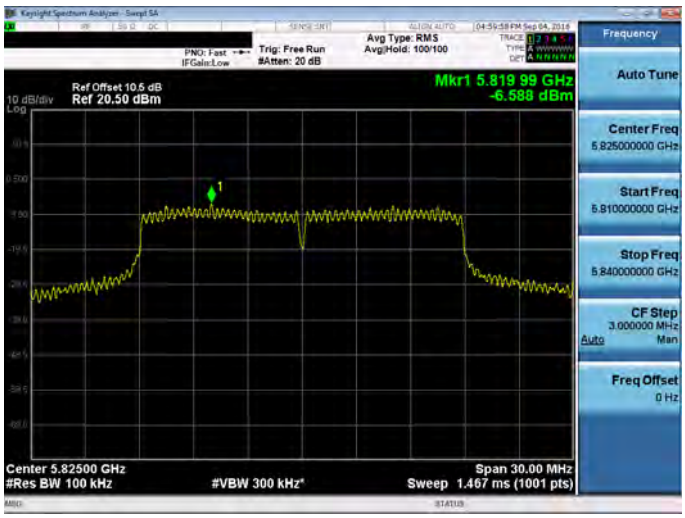
Note: Method SA-2, Power density = measured result + 10log(1/duty cycle) + Conversion ratio = measured result + duty factor.

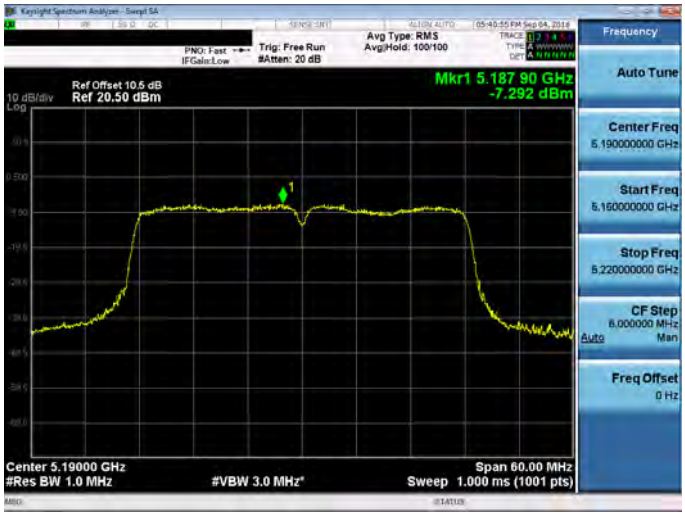
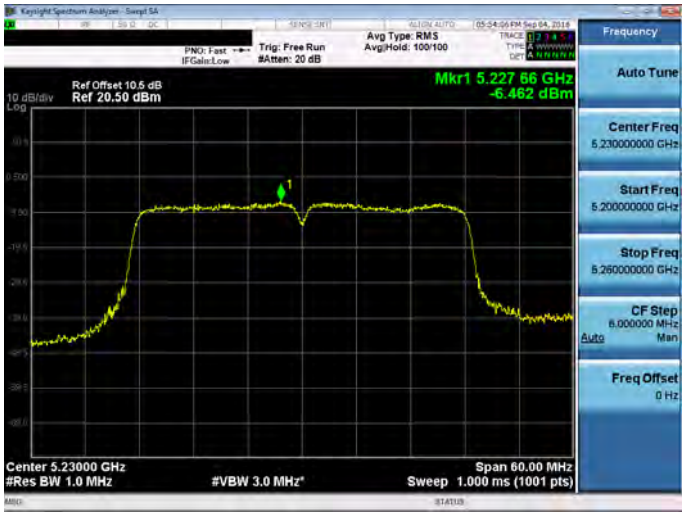
Conversion ratio = 10*Log(500k/100k)

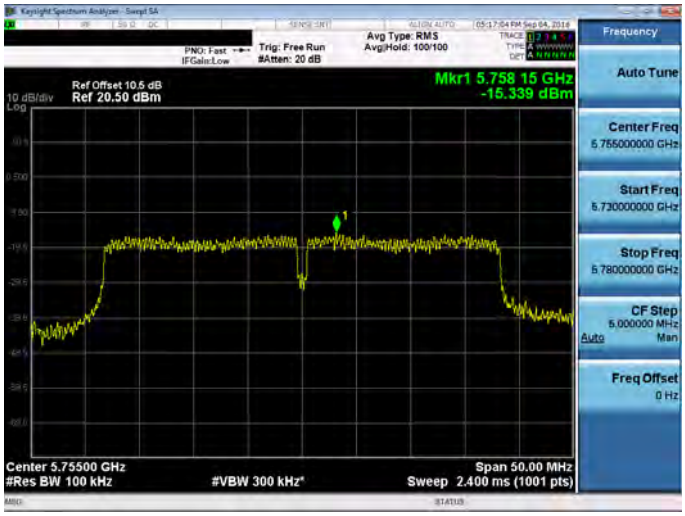
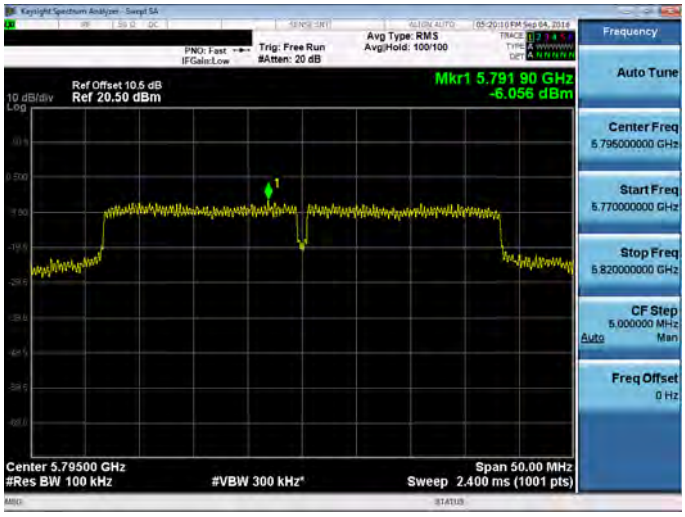
Mode 6: IEEE 802.11a_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

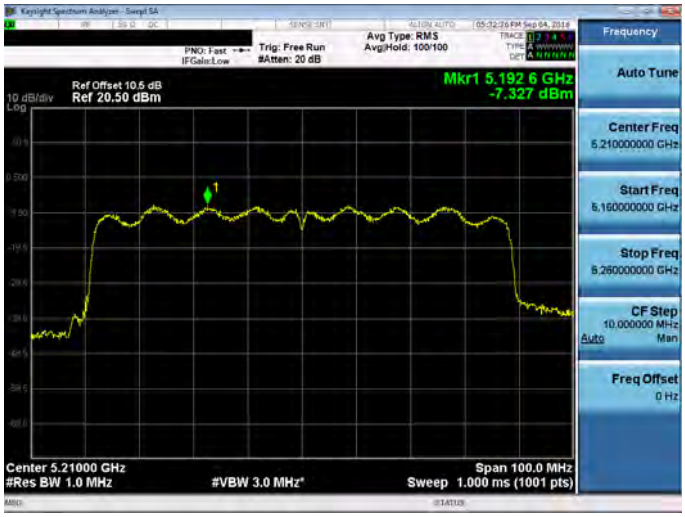
Mode 6: IEEE 802.11a_ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

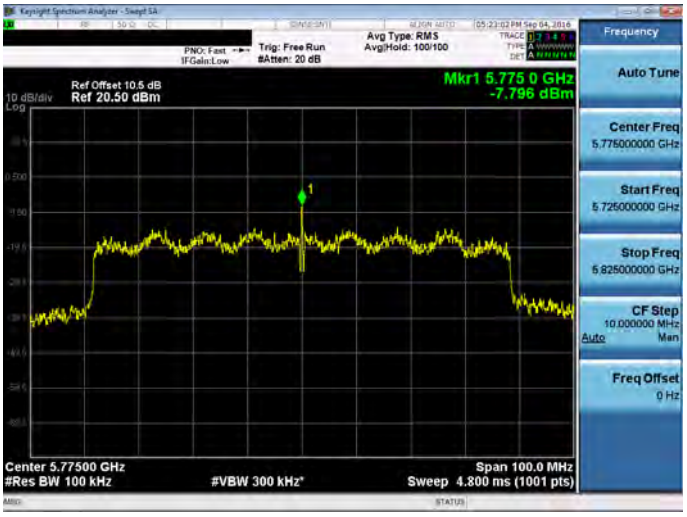
Mode 7: IEEE 802.11ac 20MHz _ ANT-0	
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5200 MHz	
5240 MHz	

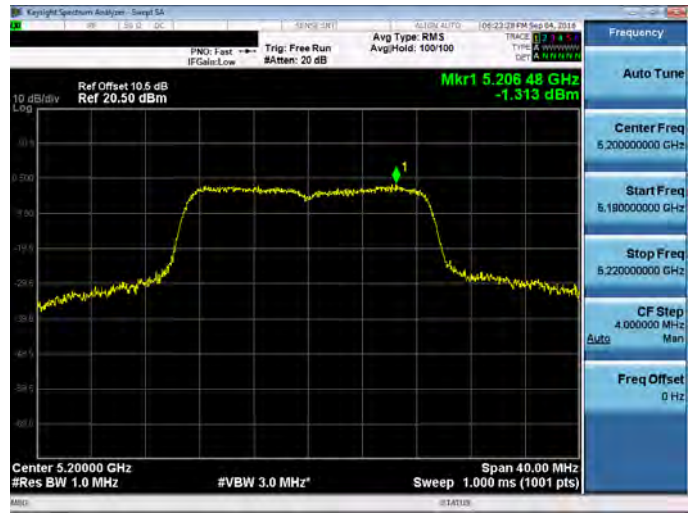
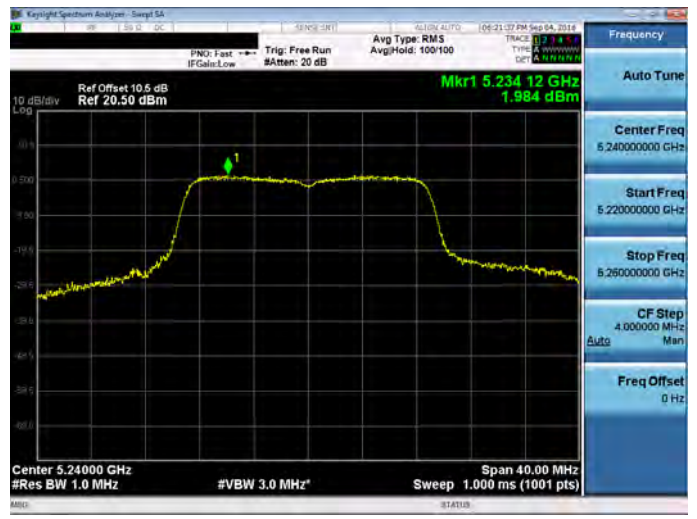
Mode 7: IEEE 802.11ac 20MHz _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

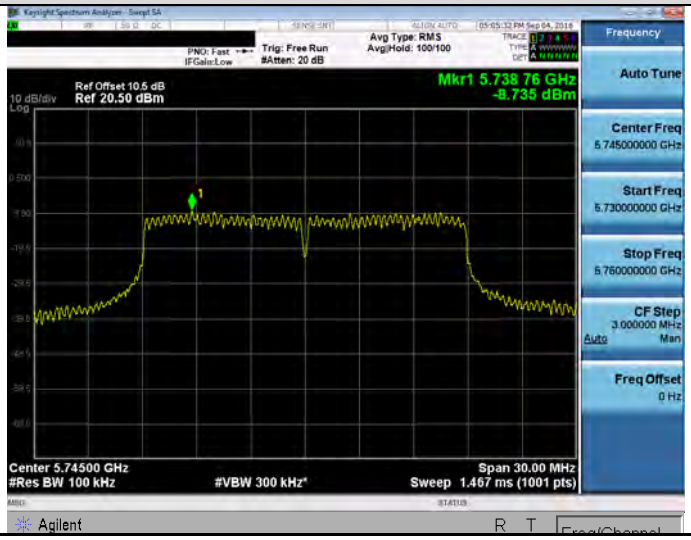
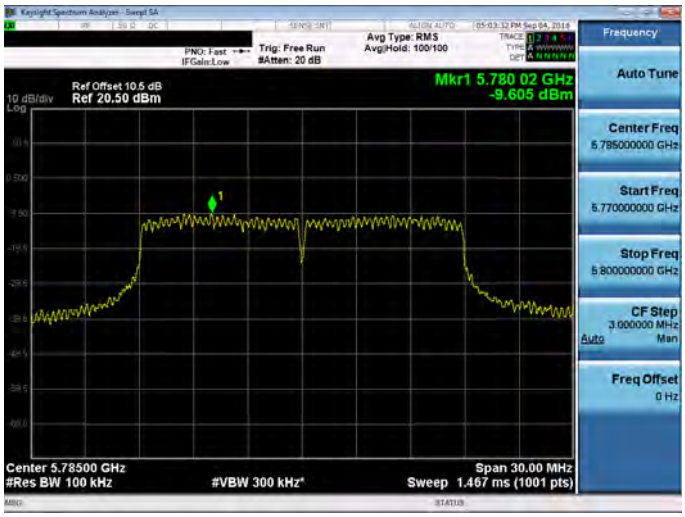
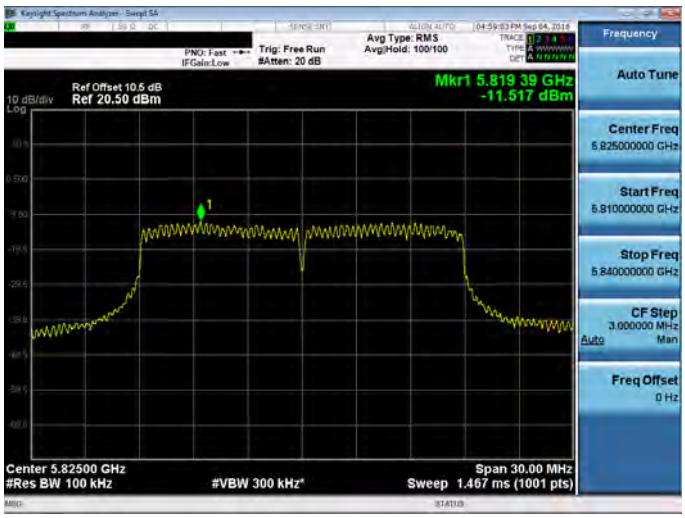
Mode 8: IEEE 802.11ac 40MHz_ ANT-0	
5190 MHz	
5230 MHz	

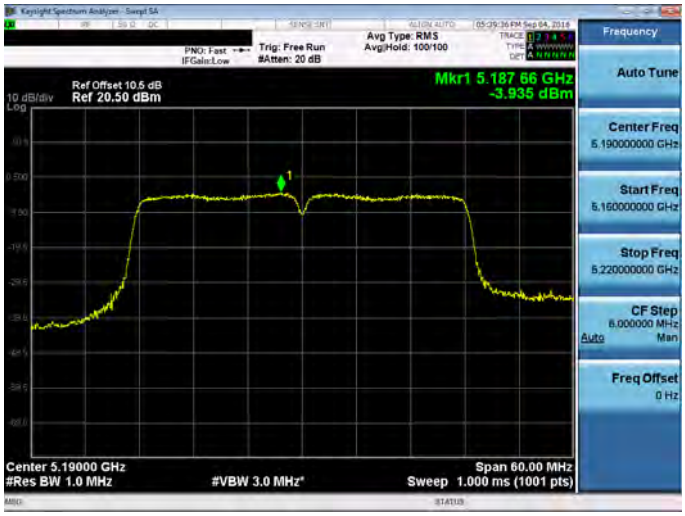
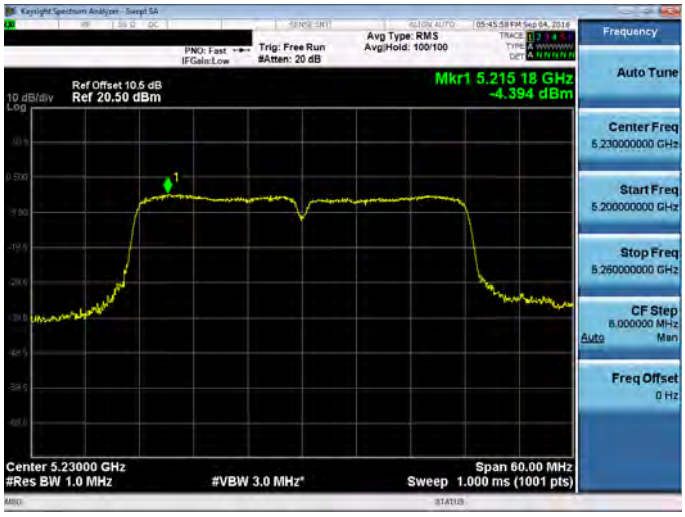
Mode 8: IEEE 802.11ac 40MHz_ ANT-0	
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5795 MHz	

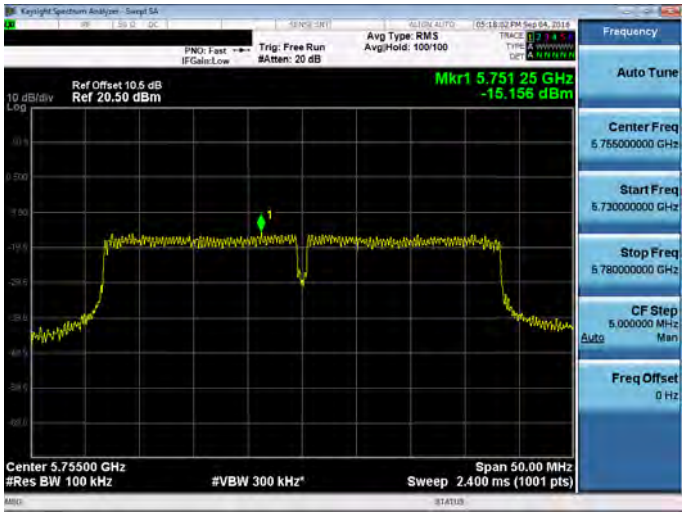
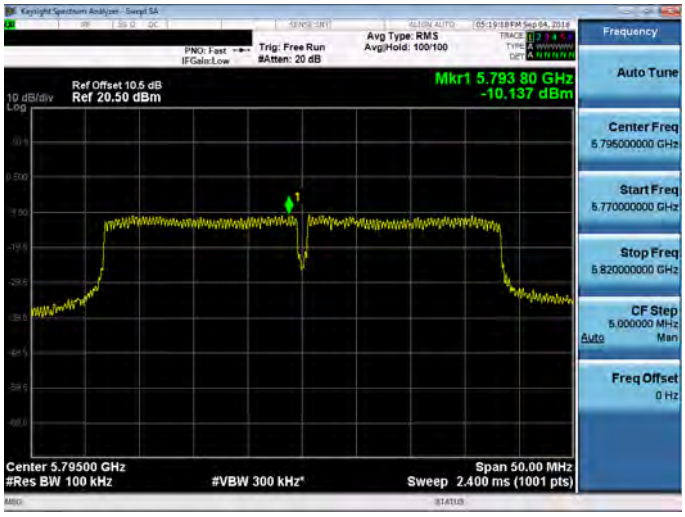
Mode 9: IEEE 802.11ac 80MHz _ ANT-0	
5210 MHz	

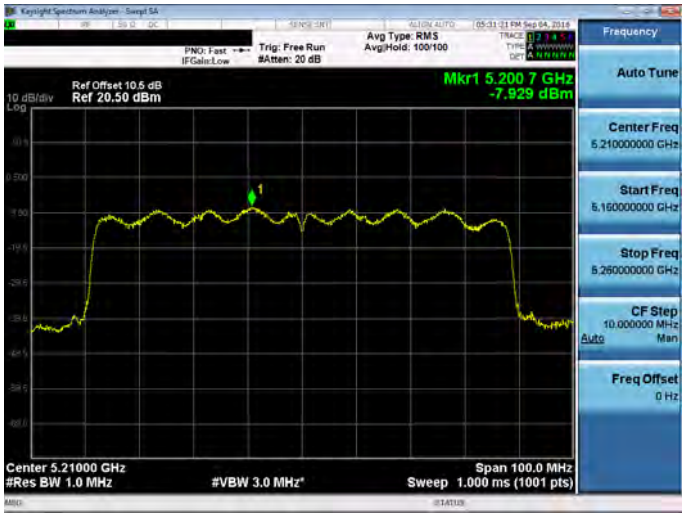
Mode 9: IEEE 802.11ac 80MHz _ ANT-0	
5775 MHz	

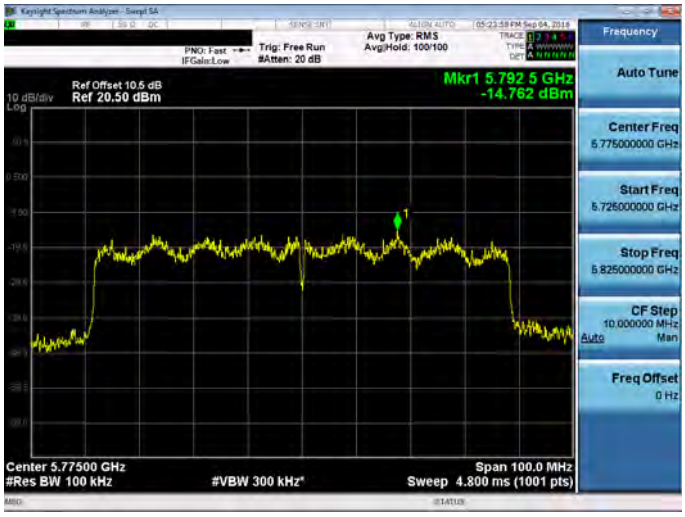
Mode 7: IEEE 802.11ac 20MHz _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

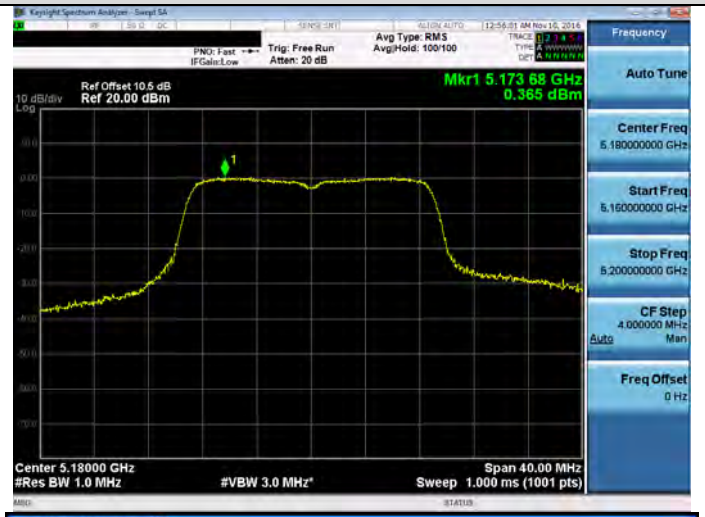
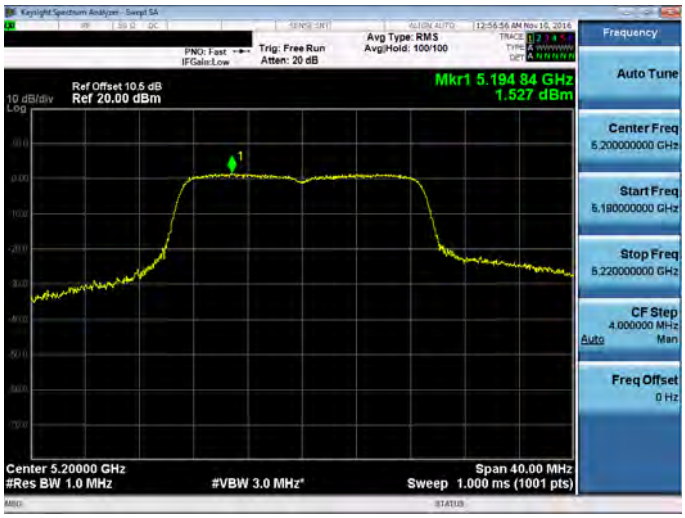
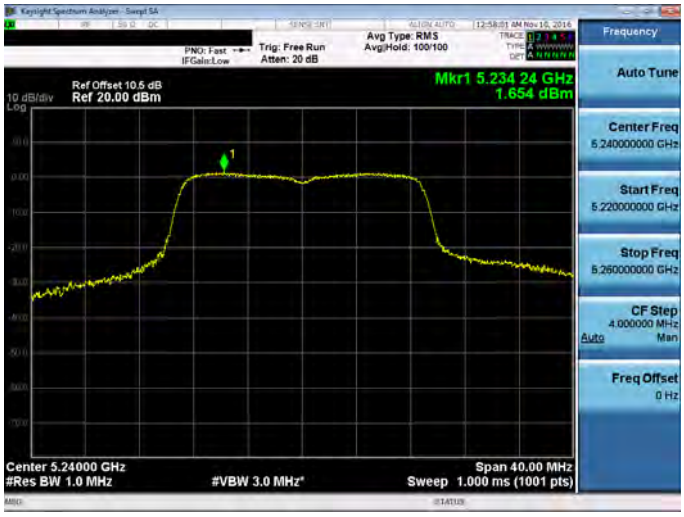
Mode 7: IEEE 802.11ac 20MHz _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

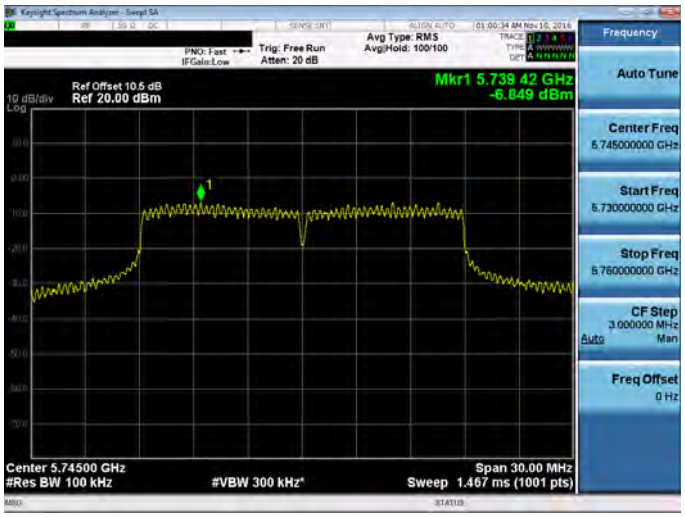
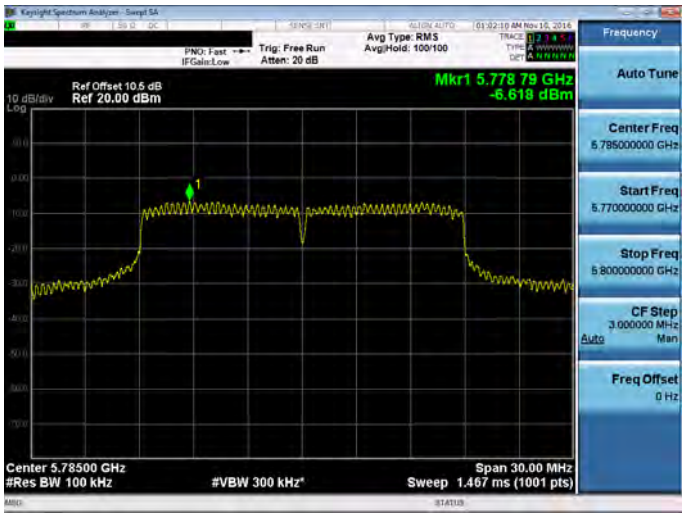
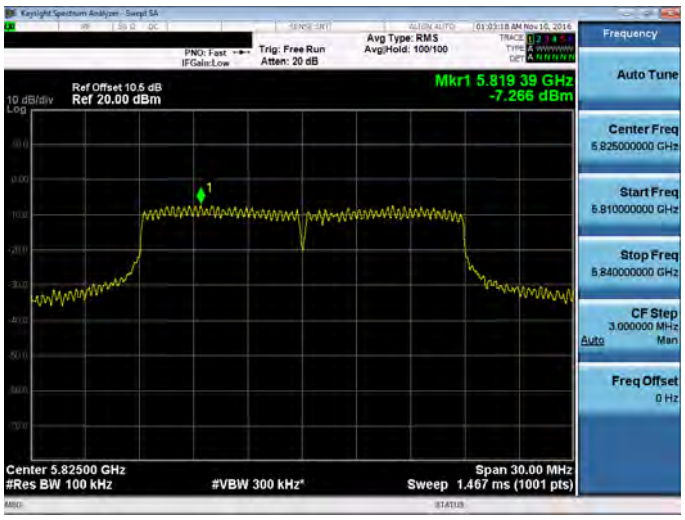
Mode 8: IEEE 802.11ac 40MHz_ ANT-1	
5190 MHz	
5230 MHz	

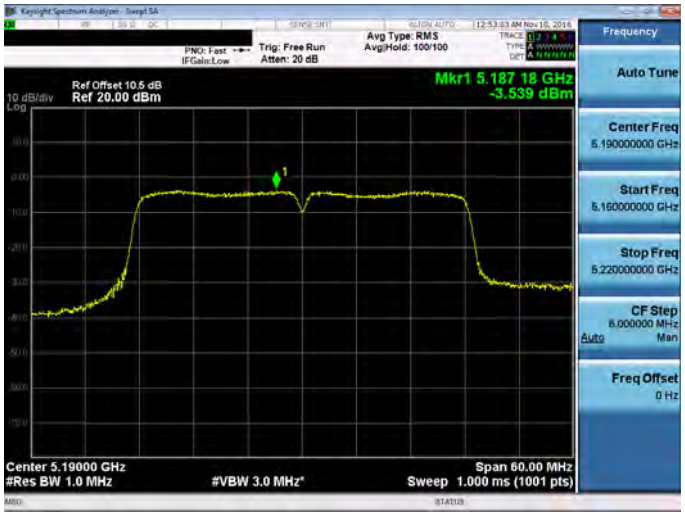
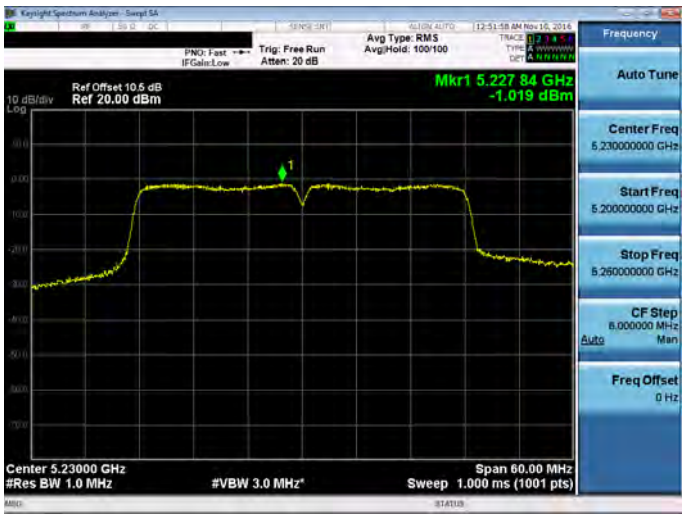
Mode 8: IEEE 802.11ac 40MHz_ ANT-1	
5755 MHz	
5795 MHz	

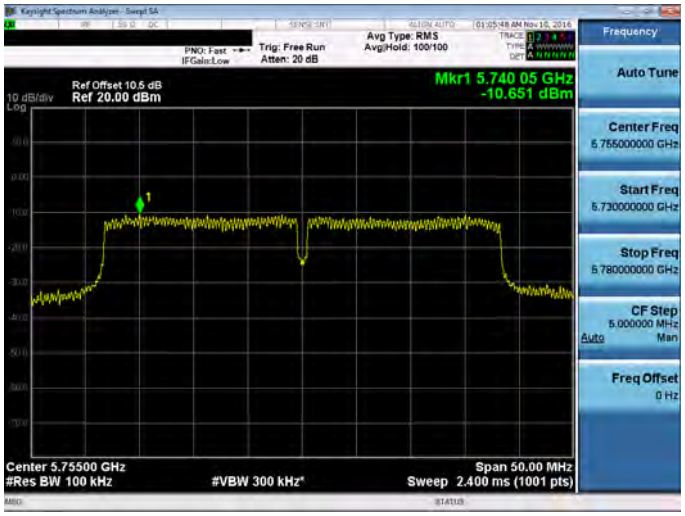
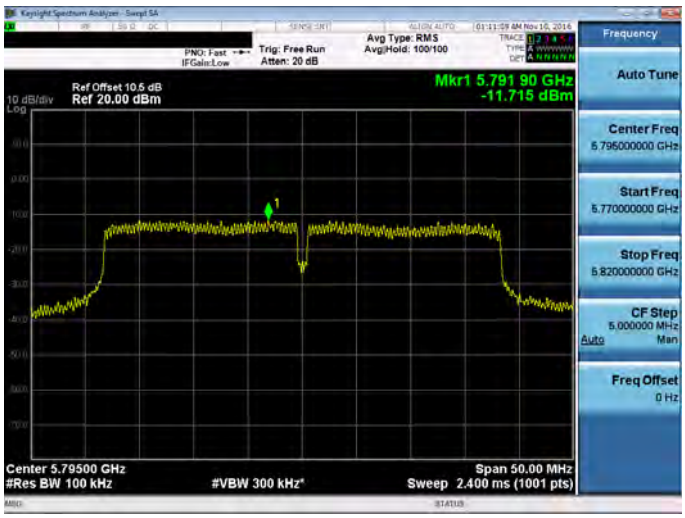
Mode 9: IEEE 802.11ac 80MHz _ ANT-1	
5210 MHz	

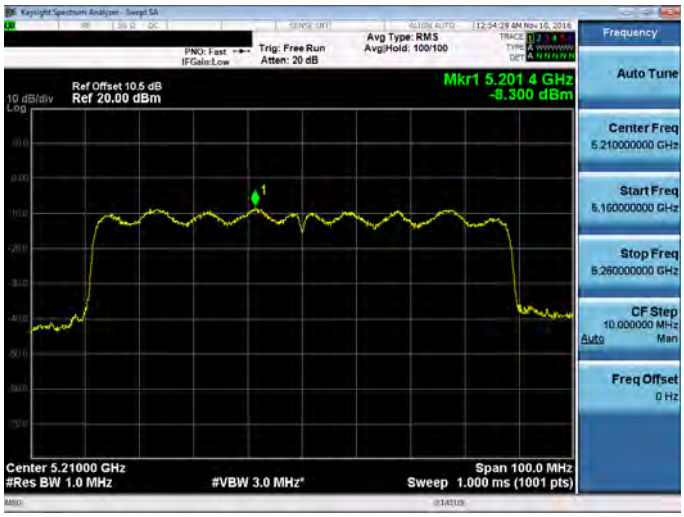
Mode 9: IEEE 802.11ac 80MHz _ ANT-1	
5775 MHz	

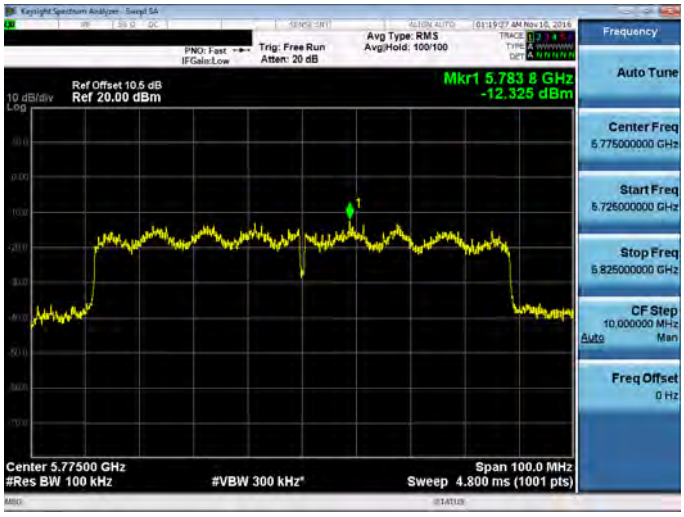
Mode 7: IEEE 802.11ac 20MHz _ ANT-0	
Beamforming on	
5180 MHz	
5200 MHz	
5240 MHz	

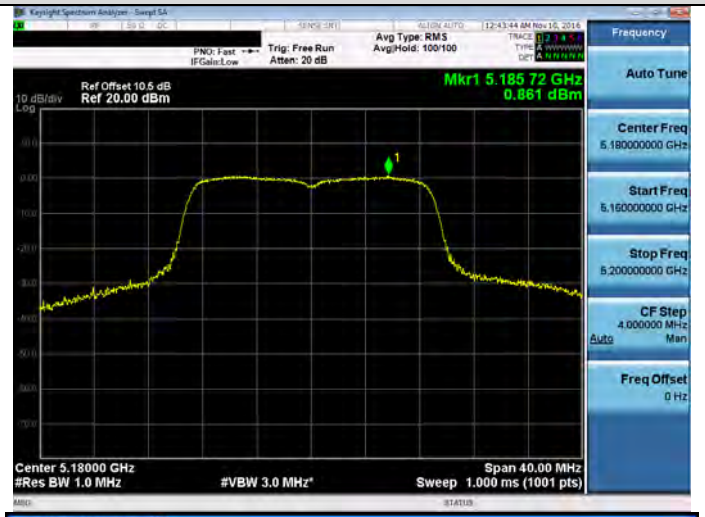
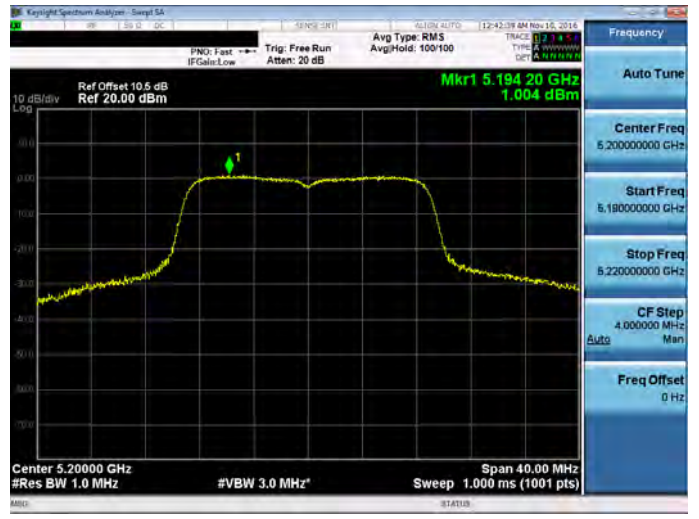
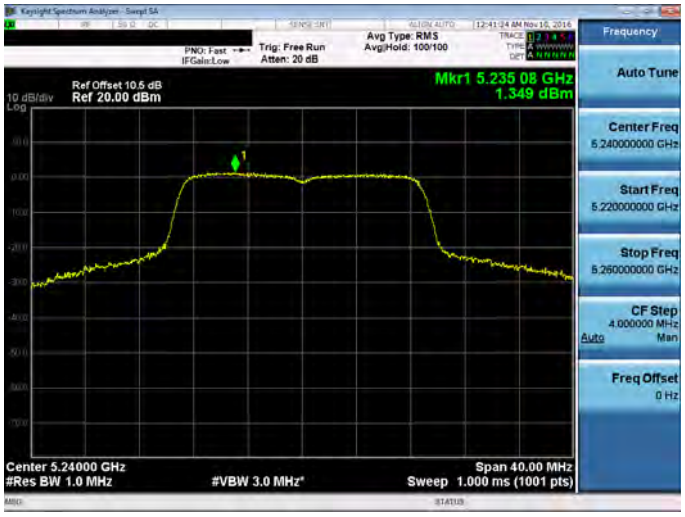
Mode 7: IEEE 802.11ac 20MHz _ ANT-0	
Beamforming on	
5745 MHz	
5785 MHz	
5825 MHz	

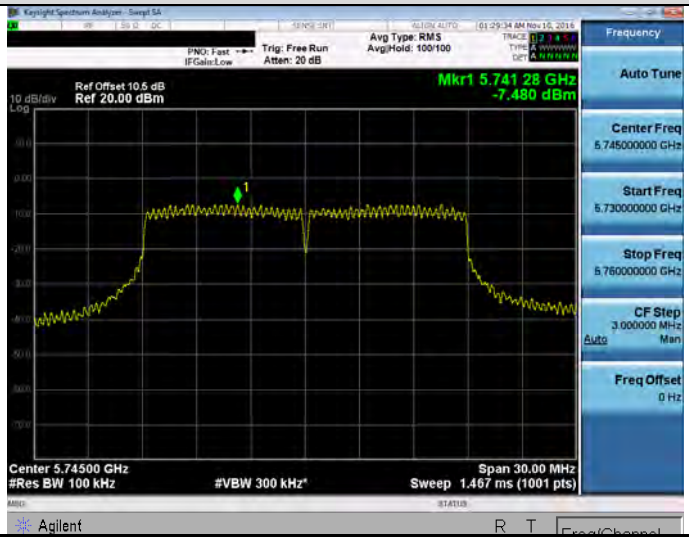
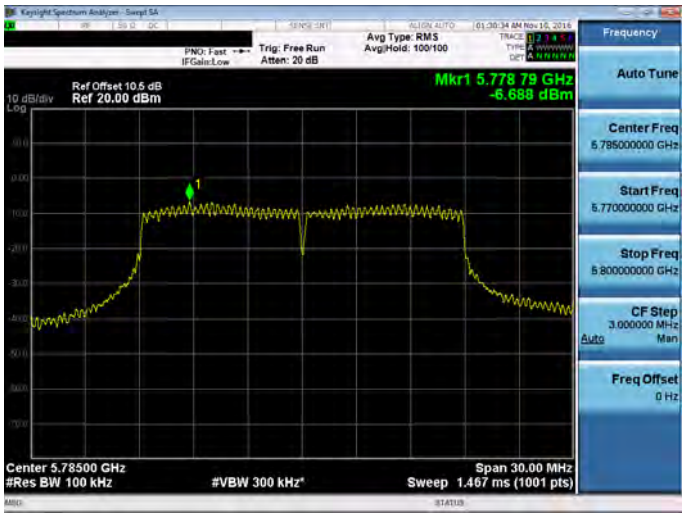
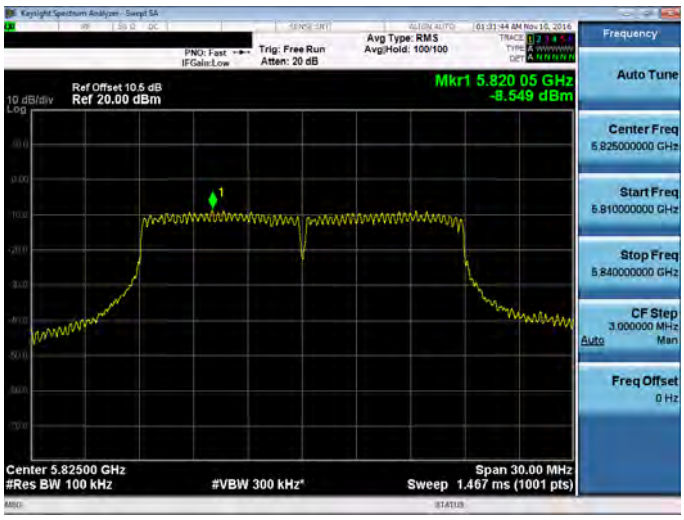
Mode 8: IEEE 802.11ac 40MHz_ ANT-0	
Beamforming on	
5190 MHz	
5230 MHz	

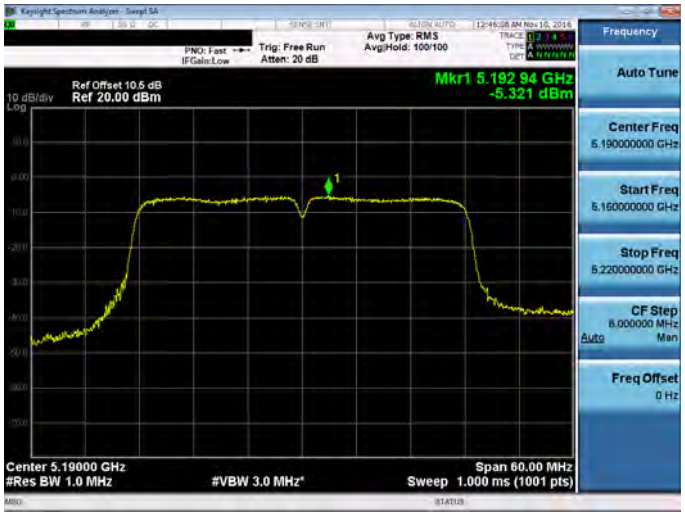
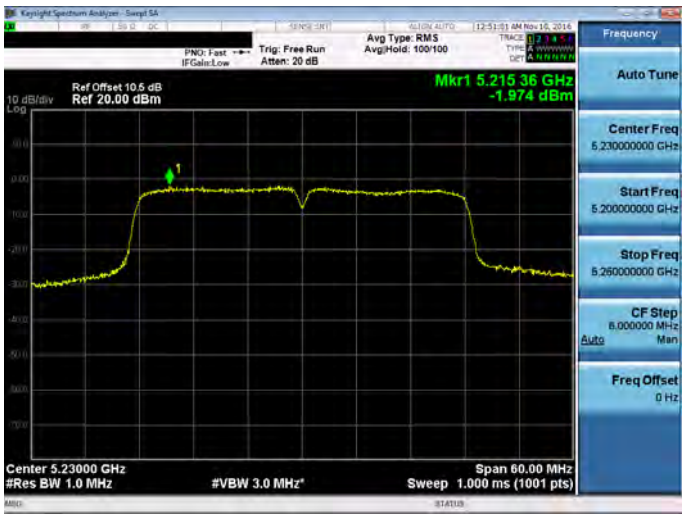
Mode 8: IEEE 802.11ac 40MHz_ ANT-0	
Beamforming on	
5755 MHz	
5795 MHz	

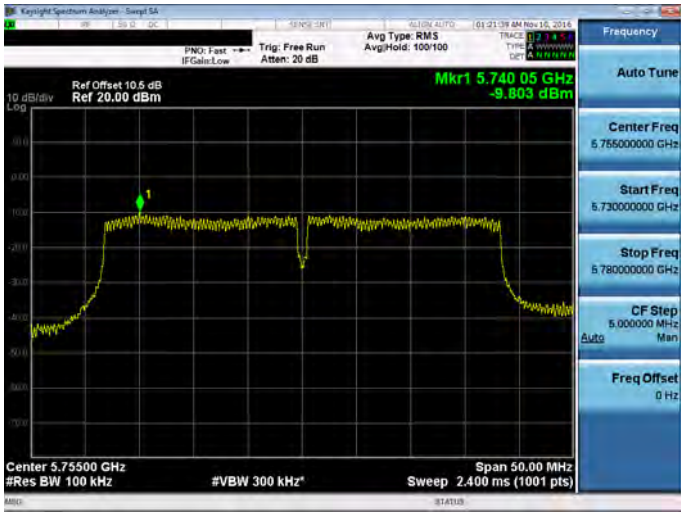
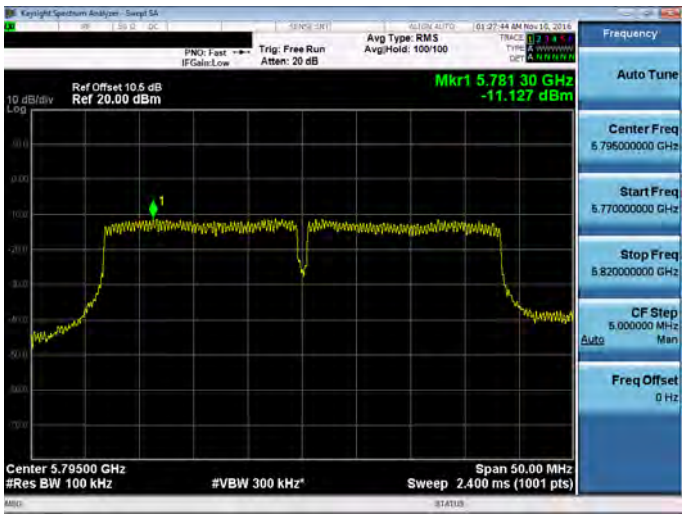
Mode 9: IEEE 802.11ac 80MHz _ ANT-0	
Beamforming on	
5210 MHz	

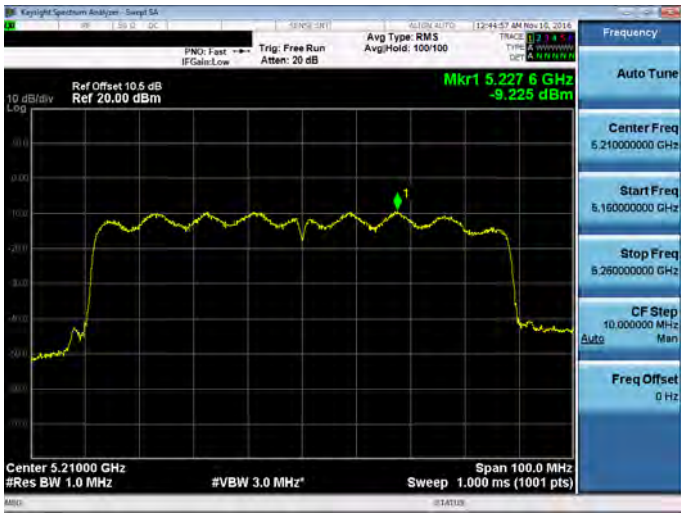
Mode 9: IEEE 802.11ac 80MHz _ ANT-0	
Beamforming on	
5775 MHz	

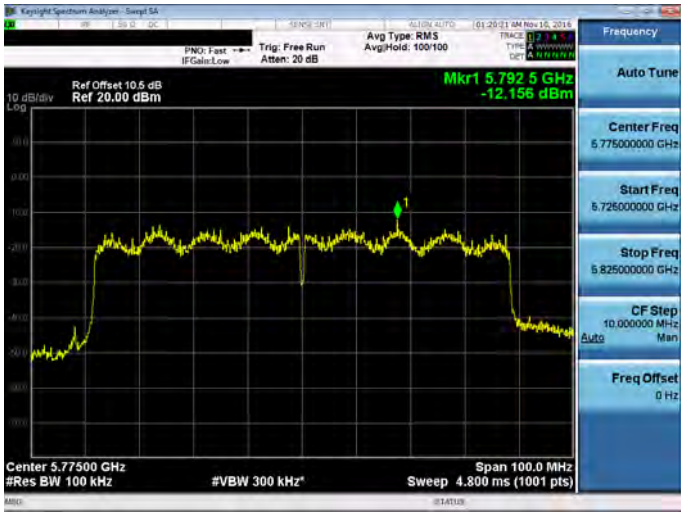
Mode 7: IEEE 802.11ac 20MHz _ ANT-1	
Beamforming on	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 7: IEEE 802.11ac 20MHz _ ANT-1	
Beamforming on	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 8: IEEE 802.11ac 40MHz_ ANT-1	
Beamforming on	
5190 MHz	
5230 MHz	

Mode 8: IEEE 802.11ac 40MHz_ ANT-1	
Beamforming on	
5755 MHz	
5795 MHz	

Mode 9: IEEE 802.11ac 80MHz _ ANT-1	
Beamforming on	
5210 MHz	

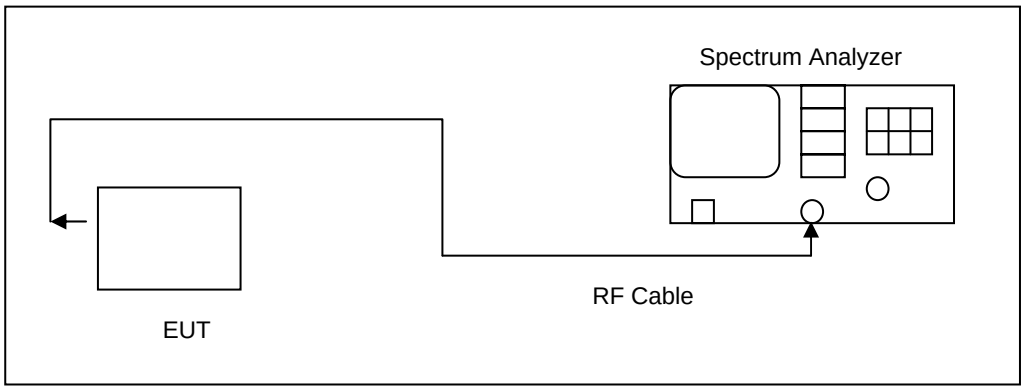
Mode 9: IEEE 802.11ac 80MHz _ ANT-1	
Beamforming on	
5775 MHz	

4.3.4 26dB頻寬之要求

合格標準:

N/A

測試架構圖 :



測試結果:

Model Number	EW-7822ULC
Test Item	26dB RF Bandwidth Measurement
Test Mode	Mode 6: IEEE 802.11a
Date of Test	09/04/2016
Frequency (MHz)	ANT-0
	26dB Bandwidth (MHz)
5180	24.180
5200	23.300
5240	24.510

Model Number	EW-7822ULC	
Test Item	26dB RF Bandwidth Measurement	
Test Mode	Mode 7: IEEE 802.11ac 20MHz	
Date of Test	09/04/2016	
Frequency (MHz)	ANT-0	ANT-1
	26dB Bandwidth (MHz)	26dB Bandwidth (MHz)
5180	23.090	22.960
5200	24.860	24.730
5240	24.860	25.000

Model Number	EW-7822ULC	
Test Item	26dB RF Bandwidth Measurement	
Test Mode	Mode 8: IEEE 802.11ac 40MHz	
Date of Test	09/04/2016	
Frequency (MHz)	ANT-0	ANT-1
	26dB Bandwidth (MHz)	26dB Bandwidth (MHz)
5190	46.340	46.140
5230	49.860	49.870

Note: The 99% occupied bandwidth not crossed 5250MHz.

Model Number	EW-7822ULC	
Test Item	26dB RF Bandwidth Measurement	
Test Mode	Mode 9: IEEE 802.11ac 80MHz	
Date of Test	09/04/2016	
Frequency (MHz)	ANT-0	ANT-1
	26dB Bandwidth (MHz)	26dB Bandwidth (MHz)
5210	84.850	79.870

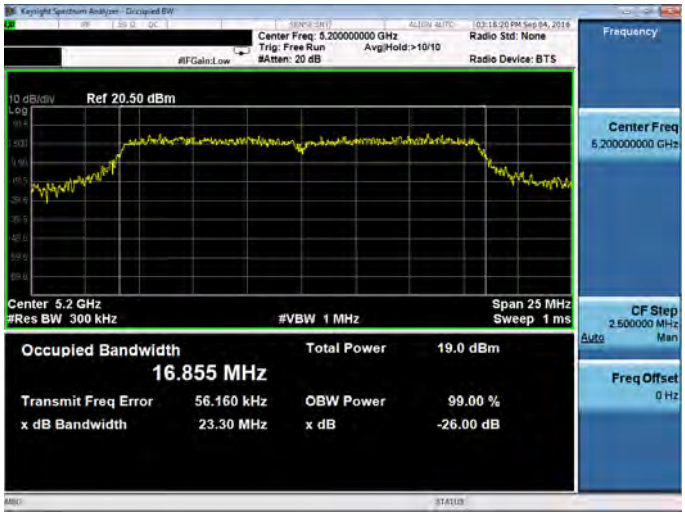
Note: The 99% occupied bandwidth not crossed 5250MHz.

Model Number	EW-7822ULC	
Test Item	26dB RF Bandwidth Measurement	
Test Mode	Mode 7: IEEE 802.11ac 20MHz	
Date of Test	10/10/2016	
Beamforming on		
Frequency (MHz)	ANT-0	ANT-1
	26dB Bandwidth (MHz)	26dB Bandwidth (MHz)
5180	24.950	24.340
5200	24.220	24.100
5240	25.000	24.670

Model Number	EW-7822ULC	
Test Item	26dB RF Bandwidth Measurement	
Test Mode	Mode 8: IEEE 802.11ac 40MHz	
Date of Test	10/10/2016	
Beamforming on		
Frequency (MHz)	ANT-0	ANT-1
	26dB Bandwidth (MHz)	26dB Bandwidth (MHz)
5190	46.720	43.220
5230	49.210	50.000

Model Number	EW-7822ULC	
Test Item	26dB RF Bandwidth Measurement	
Test Mode	Mode 9: IEEE 802.11ac 80MHz	
Date of Test	10/10/2016	
Beamforming on		
Frequency (MHz)	ANT-0	ANT-1
	26dB Bandwidth (MHz)	26dB Bandwidth (MHz)
5210	80.660	79.310

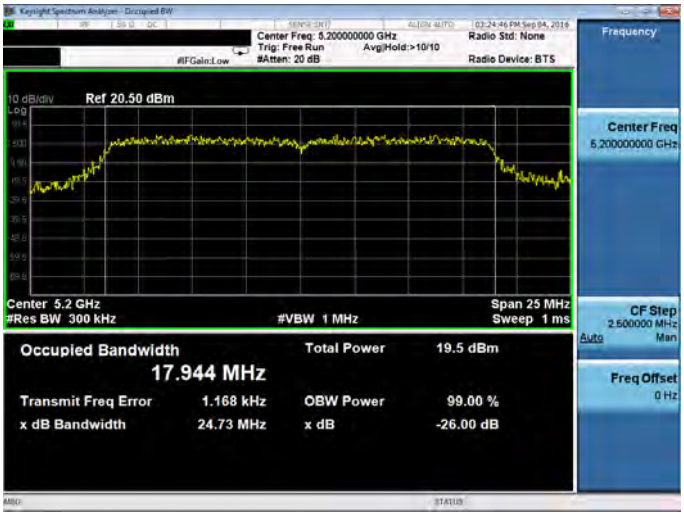
Note: The 99% occupied bandwidth not crossed 5250MHz.

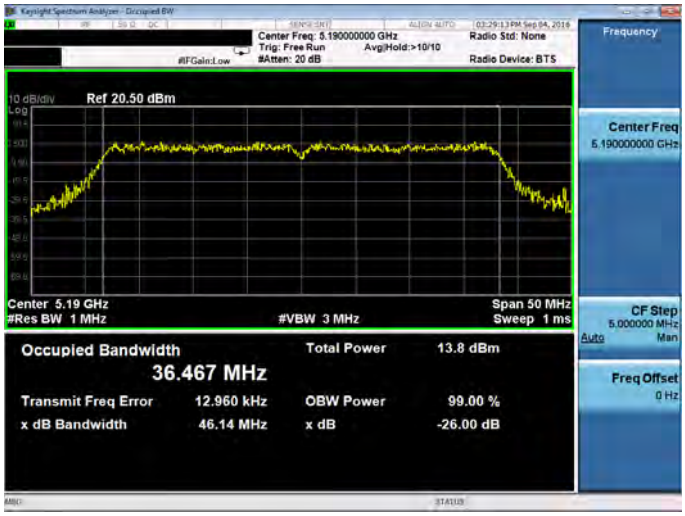
Mode 6: IEEE 802.11a_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

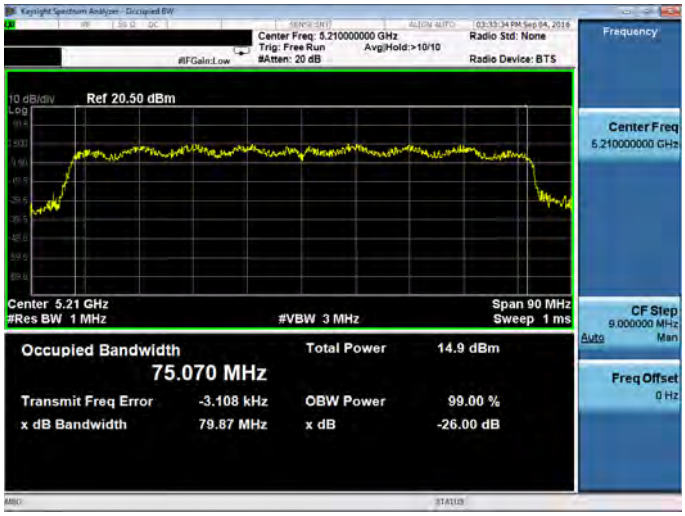
Mode 7: IEEE 802.11ac 20MHz _ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 8: IEEE 802.11ac 40MHz_ ANT-0	
5190 MHz	
5230 MHz	

Mode 9: IEEE 802.11ac 80MHz_ ANT-0	
5210 MHz	

Mode 7: IEEE 802.11ac 20MHz _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 8: IEEE 802.11ac 40MHz_ ANT-1	
5190 MHz	
5230 MHz	

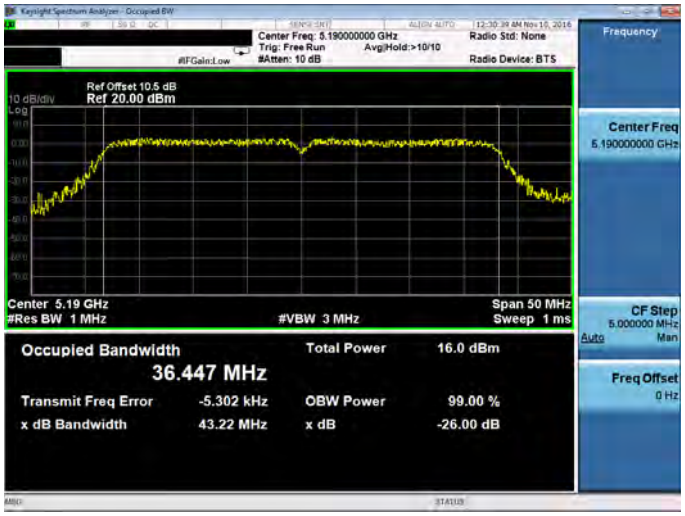
Mode 9: IEEE 802.11ac 80MHz_ ANT-1	
5210 MHz	

Mode 7: IEEE 802.11ac 20MHz _ ANT-0	
Beamforming on	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 8: IEEE 802.11ac 40MHz_ ANT-0	
Beamforming on	
5190 MHz	
5230 MHz	

Mode 9: IEEE 802.11ac 80MHz_ ANT-0	
Beamforming on	
5210 MHz	

Mode 7: IEEE 802.11ac 20MHz _ ANT-1	
Beamforming on	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 8: IEEE 802.11ac 40MHz_ ANT-1	
Beamforming on	
5190 MHz	
5230 MHz	

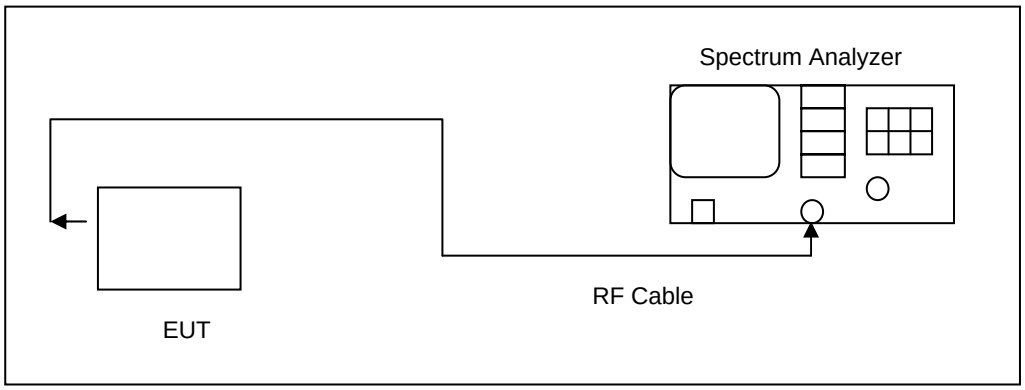
Mode 9: IEEE 802.11ac 80MHz_ ANT-1	
Beamforming on	
5210 MHz	

4.3.5 6dB頻寬之要求

合格標準:

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

測試架構圖 :



測試結果:

Model Number	EW-7822ULC	
Test Item	6dB RF Bandwidth	
Test Mode	Mode 6: IEEE 802.11a	
Date of Test	09/04/2016	
Frequency (MHz)	6dB Bandwidth (kHz)	Limit (kHz)
	ANT-0	
5745	16350	> 500
5785	16410	> 500
5825	15720	> 500

Model Number	EW-7822ULC		
Test Item	6dB RF Bandwidth		
Test Mode	Mode 7: IEEE 802.11ac 20MHz		
Date of Test	09/04/2016		
Frequency (MHz)	6dB Bandwidth (kHz)		Limit (kHz)
	ANT-0	ANT-1	
5745	17570	17200	> 500
5785	17600	16960	> 500
5825	17580	17550	> 500

Model Number	EW-7822ULC		
Test Item	6dB RF Bandwidth		
Test Mode	Mode 8: IEEE 802.11ac 40MHz		
Date of Test	09/04/2016		
Frequency (MHz)	6dB Bandwidth (kHz)		Limit (kHz)
	ANT-0	ANT-1	
5755	36060	35150	> 500
5795	36020	35720	> 500

Model Number	EW-7822ULC		
Test Item	6dB RF Bandwidth		
Test Mode	Mode 9: IEEE 802.11ac 80MHz		
Date of Test	09/04/2016		
Frequency (MHz)	6dB Bandwidth (kHz)		Limit (kHz)
	ANT-0	ANT-1	
5775	72720	75100	> 500

Model Number	EW-7822ULC		
Test Item	6dB RF Bandwidth		
Test Mode	Mode 7: IEEE 802.11ac 20MHz		
Date of Test	10/10/2016		
Beamforming on			
Frequency (MHz)	6dB Bandwidth (kHz)		Limit (kHz)
	ANT-0	ANT-1	
5745	16910	17050	> 500
5785	17300	17560	> 500
5825	16300	17300	> 500

Model Number	EW-7822ULC		
Test Item	6dB RF Bandwidth		
Test Mode	Mode 8: IEEE 802.11ac 40MHz		
Date of Test	10/10/2016		
Beamforming on			
Frequency (MHz)	6dB Bandwidth (kHz)		Limit (kHz)
	ANT-0	ANT-1	
5755	35100	35500	> 500
5795	35220	35570	> 500

Model Number	EW-7822ULC		
Test Item	6dB RF Bandwidth		
Test Mode	Mode 9: IEEE 802.11ac 80MHz		
Date of Test	10/10/2016		
Beamforming on			
Frequency (MHz)	6dB Bandwidth (kHz)		Limit (kHz)
	ANT-0	ANT-1	
5775	75180	75070	> 500

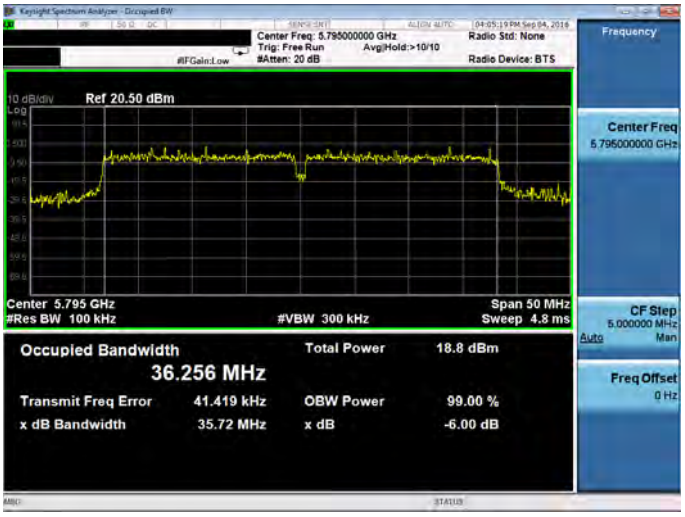
Mode 6: IEEE 802.11a_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 7: IEEE 802.11ac 20MHz _ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 8: IEEE 802.11ac 40MHz_ANT-0	
5755 MHz	
5795 MHz	

Mode 9: IEEE 802.11ac 80MHz_ANT-0	
5775 MHz	

Mode 7: IEEE 802.11ac 20MHz _ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

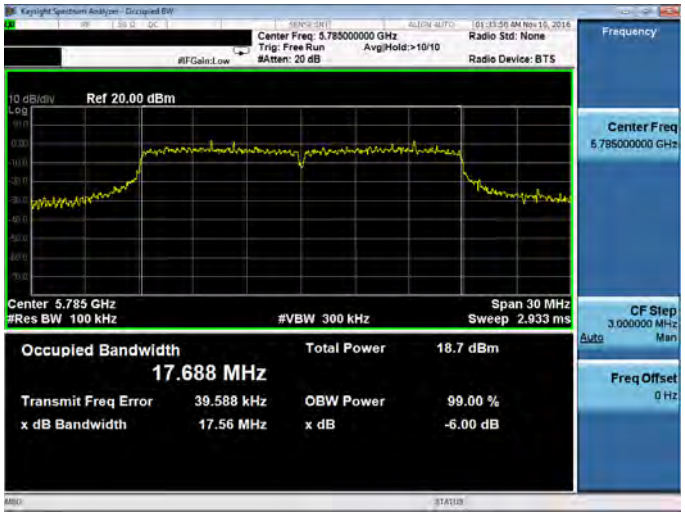
Mode 8: IEEE 802.11ac 40MHz_ANT-1	
5755 MHz	
5795 MHz	

Mode 9: IEEE 802.11ac 80MHz_ANT-1	
5775 MHz	

Mode 7: IEEE 802.11ac 20MHz _ANT-0	
Beamforming on	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 8: IEEE 802.11ac 40MHz_ANT-0	
Beamforming on	
5755 MHz	
5795 MHz	

Mode 9: IEEE 802.11ac 80MHz_ANT-0	
Beamforming on	
5775 MHz	

Mode 7: IEEE 802.11ac 20MHz _ANT-1	
Beamforming on	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 8: IEEE 802.11ac 40MHz_ANT-1	
Beamforming on	
5755 MHz	
5795 MHz	

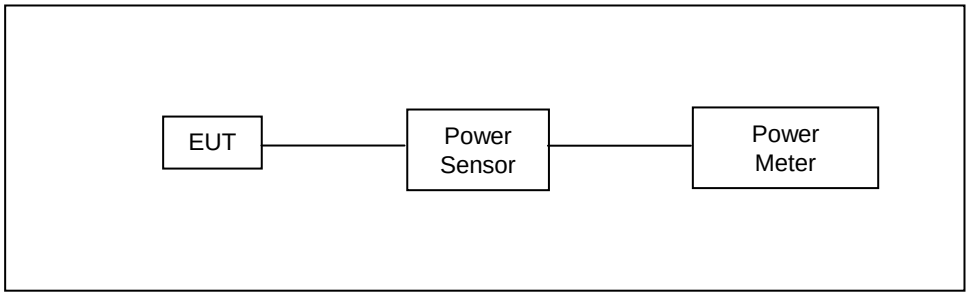
Mode 9: IEEE 802.11ac 80MHz_ANT-1	
Beamforming on	
5775 MHz	

4.3.6 發射功率控制(TPC)之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)4.7.7.1 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 :



測試結果:

操作模式	:	Mode 6 / Mode 7 / Mode 8 / Mode 9
測試日期	:	N/A
測試結果	:	不適用

4.3.7 動態頻率選擇(DFS)之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)4.7.7.2 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：

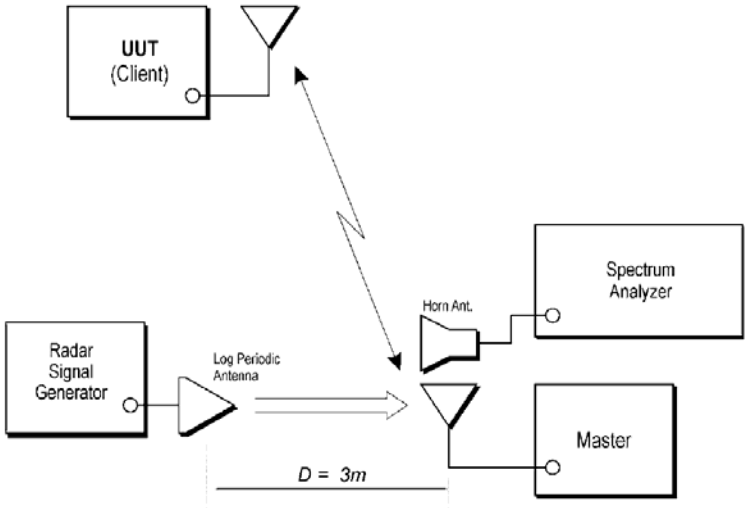
最低動態頻率選擇的偵測門檻

- 最大 EIRP 為 200mW 至 1W 之設備，其最低動態頻率選擇的偵測門檻值為-64dBm。
- 最大 EIRP 低於 200mW，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-62dBm。
- 最大 EIRP 低於 200mW，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 0dBi 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 :



測試結果:

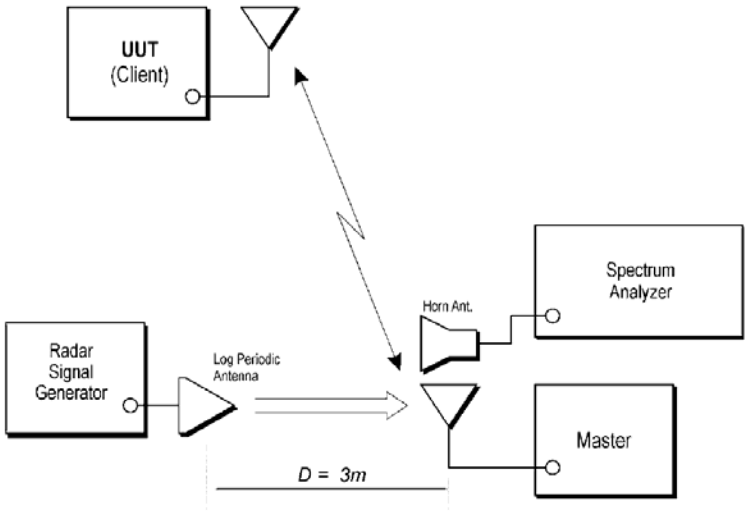
操作模式	:	Mode 7 / Mode 8 / Mode 9
測試日期	:	N/A
測試結果	:	不適用，此產品為受控裝置, 因此不須評估頻道可用性檢查時間

4.3.8 頻道可用性檢查時間之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.7.2(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 :



測試結果:

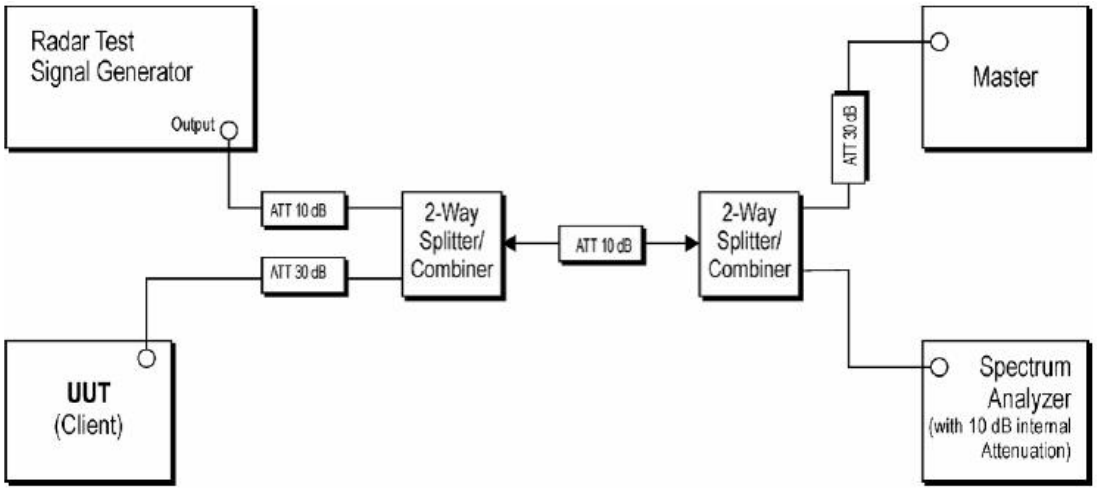
操作模式	:	Mode 7 / Mode 8 / Mode 9
測試日期	:	N/A
測試結果	:	不適用; 此產品為受控裝置, 因此不須評估頻道可用性檢查時間

4.3.9 頻道移動時間之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.7.2(4)節節之要求, 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 :



測試結果:

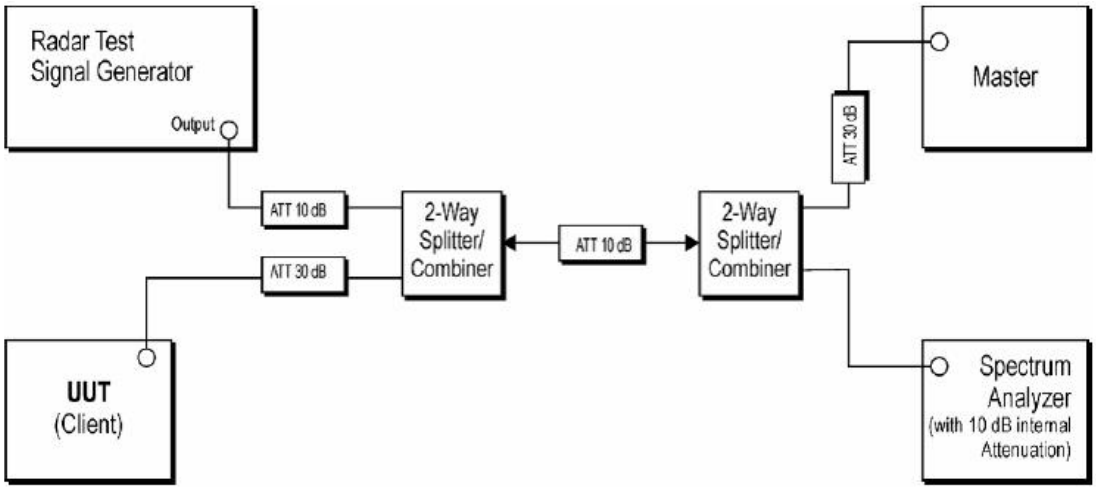
操作模式	:	Mode 7 / Mode 8 / Mode 9
測試日期	:	N/A
測試結果	:	不適用

4.3.10 不可佔用時間之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.7.2(5)節節之要求, 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 :



測試結果:

操作模式	:	Mode 7 / Mode 8 / Mode 9
測試日期	:	N/A
測試結果	:	不適用，此產品為受控裝置, 因此不須評估不可佔用時間

4.3.11 天線規格之要求

合格標準:

據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.8 節之要求，天線之規格不受第 2.2 節規定之限制

判定結果:

符合

Antennna	廠牌	型號	型態	增益值
				5GHz
ANT-0 (Main)	WIESON	GY197HT632-003	Monopole Antenna	1.71
ANT-1 (AUX)	WIESON	GY197HT632-003	Monopole Antenna	-0.23

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)以證明其符電波暴露量之要求。限制值如下：

(3) 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：百萬赫(MHz)。

(4) 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)
0.3-3.0	614	1.63	*100	30
3-30	1842/f	4.89/f	$*180/f^2$	30
30-300	27.5	0.073	1.0	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：百萬赫(MHz)。

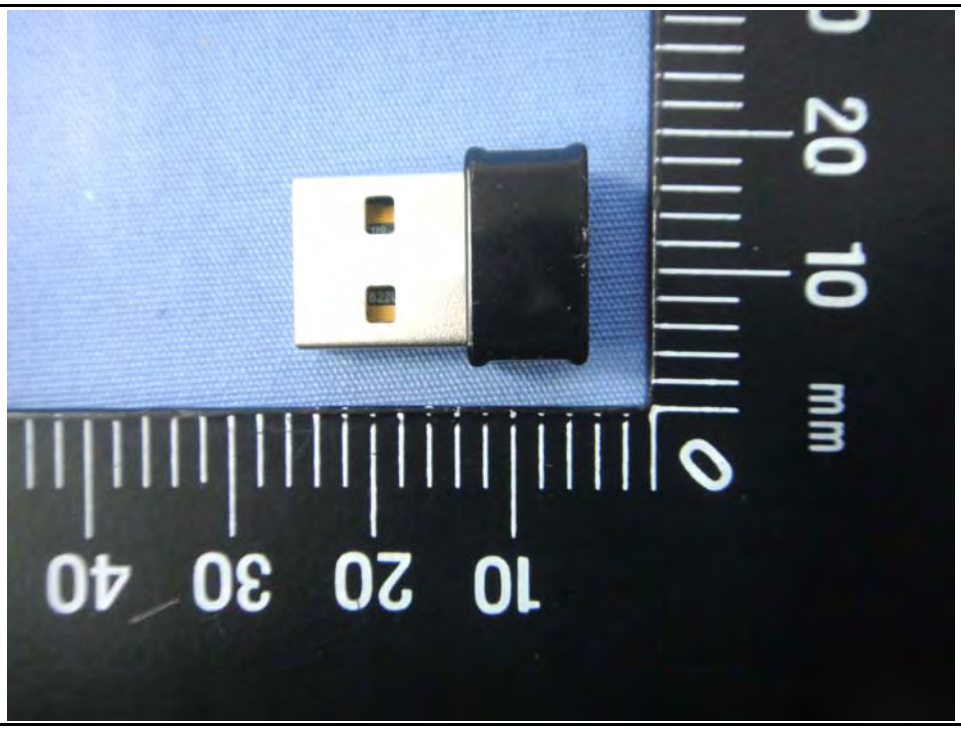
判定結果:

Band	Frequency (MHz)	Limit (mW/cm^2)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm^2)
IEEE 802.11a	5180.0	1	20	14.70	1.71	1.48	1	43.678	0.0087
	5200.0	1	20	15.08	1.71	1.48	1	47.672	0.0095
	5220.0	1	20	14.96	1.71	1.48	1	46.373	0.0092
	5240.0	1	20	14.66	1.71	1.48	1	43.277	0.0086
	5745.0	1	20	13.67	1.71	1.48	1	34.456	0.0069
	5765.0	1	20	14.32	1.71	1.48	1	40.019	0.0080
	5785.0	1	20	14.21	1.71	1.48	1	39.018	0.0078
	5805.0	1	20	13.99	1.71	1.48	1	37.090	0.0074
	5825.0	1	20	14.27	1.71	1.48	1	39.560	0.0079
IEEE 802.11ac 20MHz	5180.0	1	20	16.69	1.71	1.48	1	69.066	0.0137
	5200.0	1	20	17.59	1.71	1.48	1	84.969	0.0169
	5220.0	1	20	17.59	1.71	1.48	1	84.969	**0.0169**
	5240.0	1	20	17.50	1.71	1.48	1	83.227	**0.0166**
	5745.0	1	20	16.92	1.71	1.48	1	72.822	0.0145
	5765.0	1	20	17.08	1.71	1.48	1	75.555	0.0150
	5785.0	1	20	17.01	1.71	1.48	1	74.347	0.0148
	5805.0	1	20	17.06	1.71	1.48	1	75.208	0.0150
	5825.0	1	20	16.90	1.71	1.48	1	72.487	0.0144
IEEE 802.11ac 40MHz	5190.0	1	20	16.45	1.71	1.48	1	65.352	0.0130
	5230.0	1	20	17.18	1.71	1.48	1	77.315	0.0154
	5755.0	1	20	17.29	1.71	1.48	1	79.298	0.0158
	5795.0	1	20	17.29	1.71	1.48	1	79.298	0.0158
IEEE 802.11ac 80MHz	5210.0	1	20	16.12	1.71	1.48	1	60.571	0.0121
	5775.0	1	20	16.03	1.71	1.48	1	59.328	0.0118

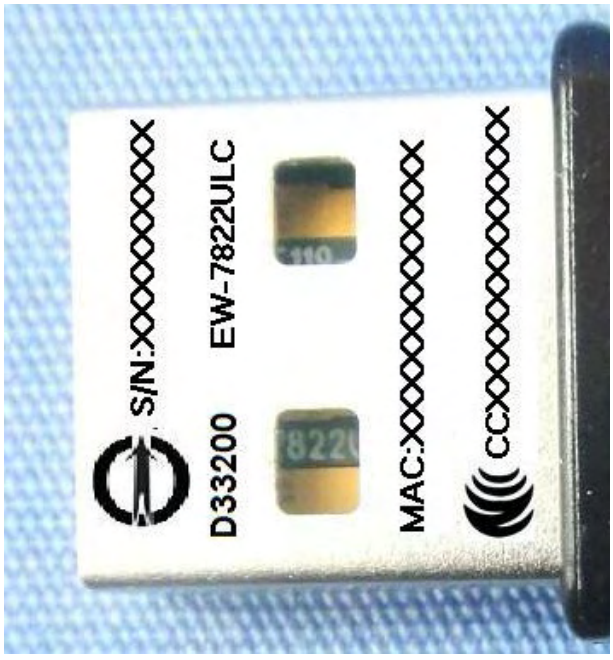
Beamforming on									
Band	Frequency (MHz)	Limit (mW/cm^2)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm^2)
IEEE 802.11ac 20MHz	5180.0	1	20	16.21	1.71	1.48	1	61.839	0.0123
	5200.0	1	20	17.45	1.71	1.48	1	82.274	**0.0164**
	5220.0	1	20	17.15	1.71	1.48	1	76.782	0.0153
	5240.0	1	20	17.15	1.71	1.48	1	76.782	0.0153
	5745.0	1	20	17.09	1.71	1.48	1	75.729	0.0151
	5765.0	1	20	17.30	1.71	1.48	1	79.481	0.0158
	5785.0	1	20	17.34	1.71	1.48	1	80.216	0.0160
	5805.0	1	20	17.03	1.71	1.48	1	74.690	0.0149
	5825.0	1	20	16.38	1.71	1.48	1	64.308	0.0128
IEEE 802.11ac 40MHz	5190.0	1	20	14.45	1.71	1.48	1	41.235	0.0082
	5230.0	1	20	16.95	1.71	1.48	1	73.327	0.0146
	5755.0	1	20	16.97	1.71	1.48	1	73.665	0.0147
	5795.0	1	20	16.84	1.71	1.48	1	71.493	0.0142
IEEE 802.11ac 80MHz	5210.0	1	20	13.23	1.71	1.48	1	31.136	0.0062
	5775.0	1	20	16.91	1.71	1.48	1	72.654	0.0145

5. 產品照片

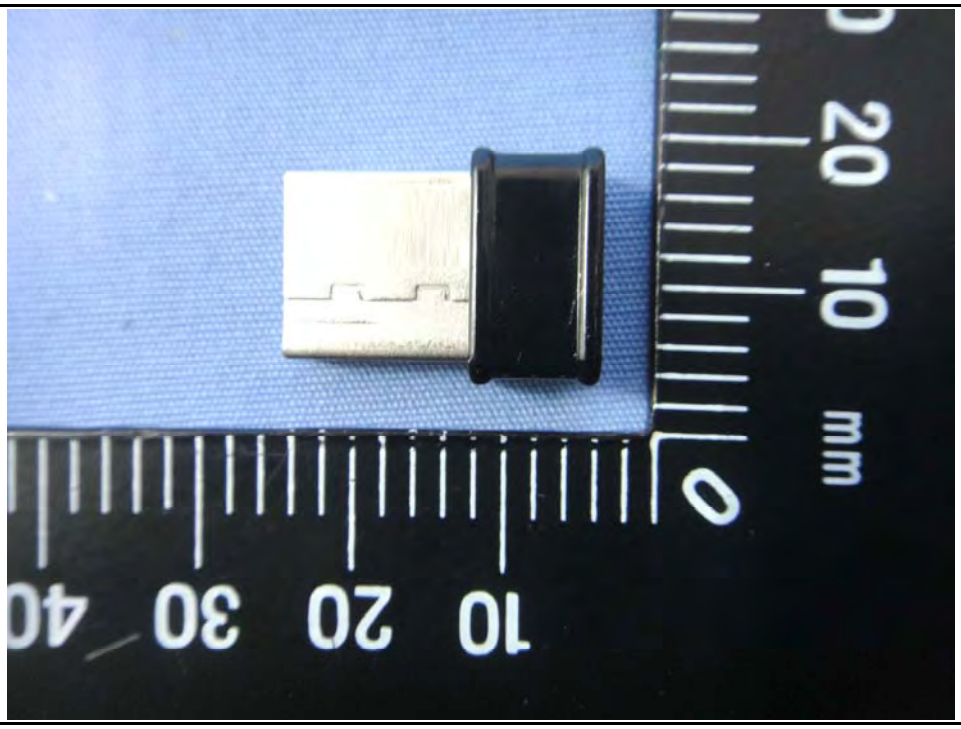
1.) 產品照



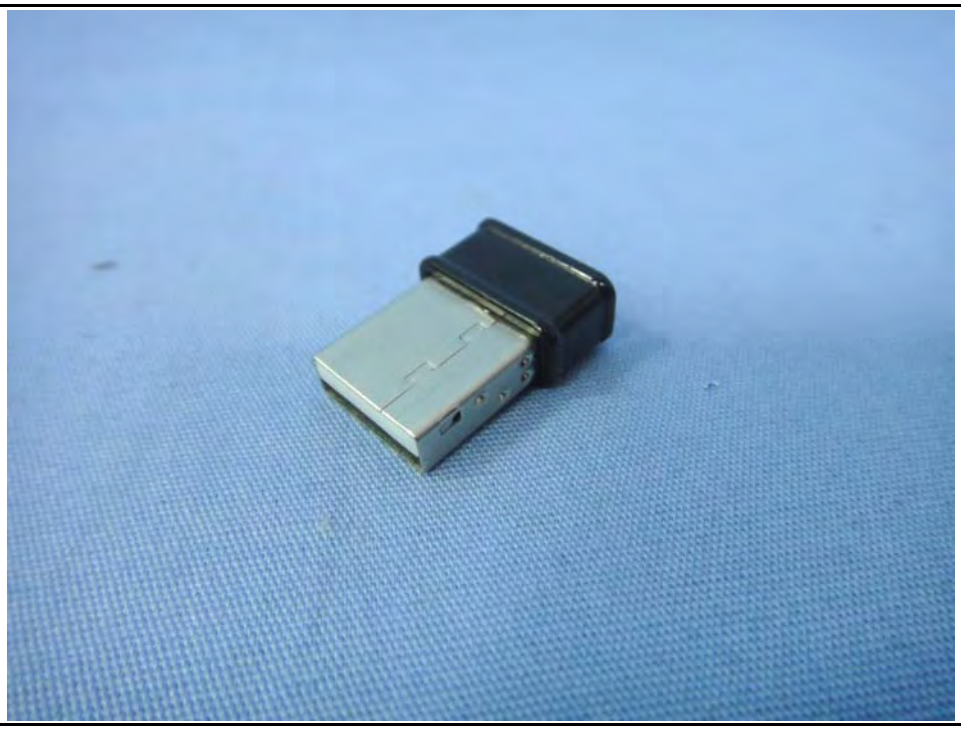
2.) 產品照



3.) 產品照



4.) 產品照



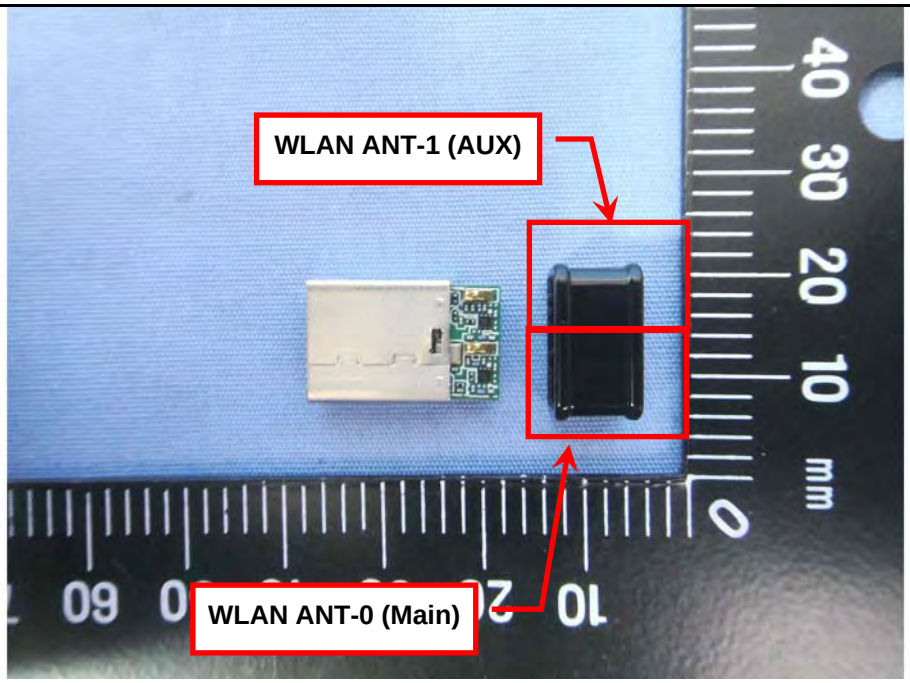
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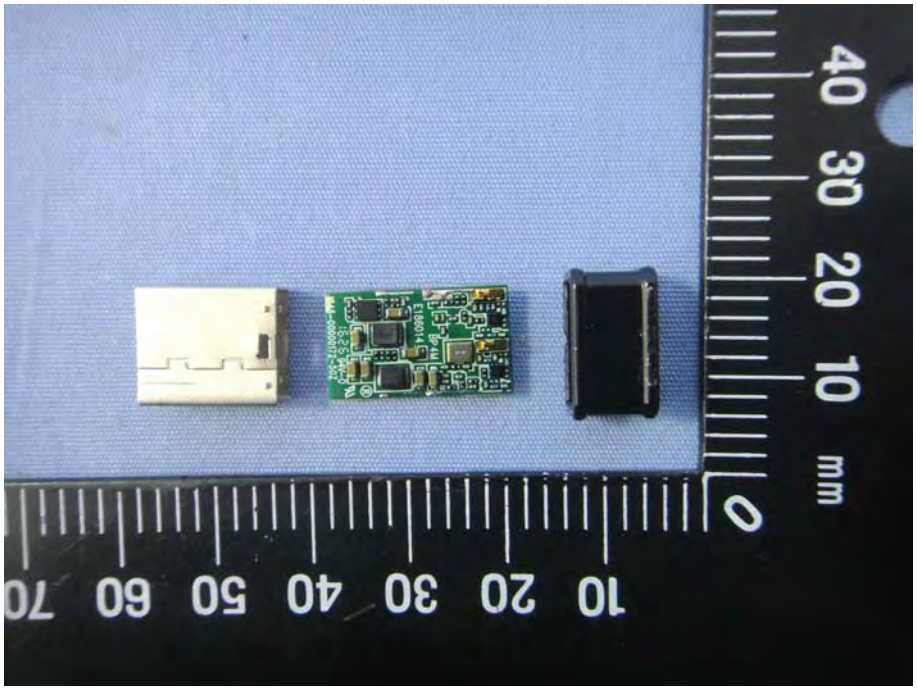
6.) 產品照



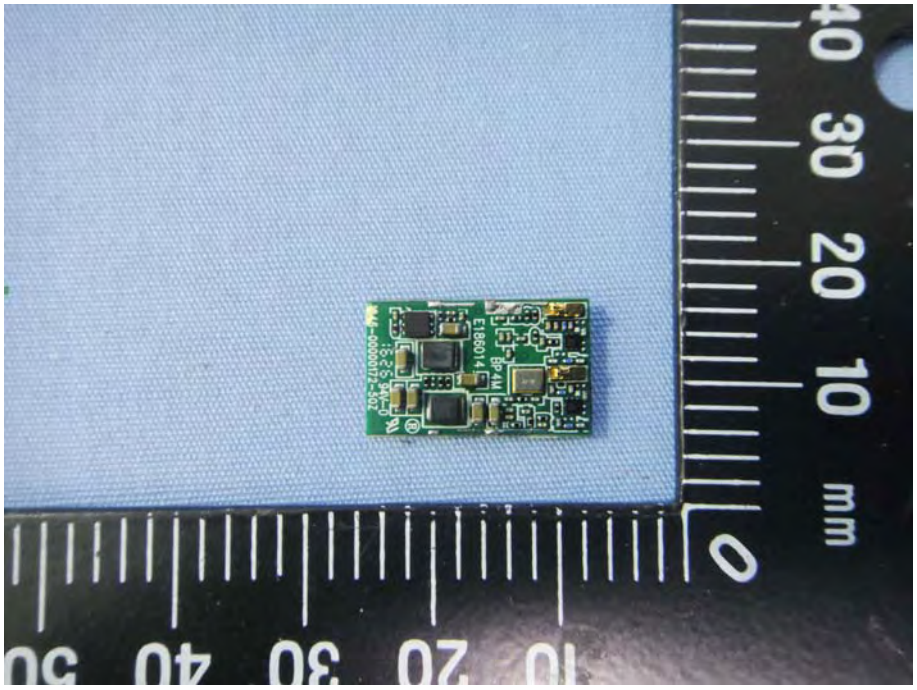
7.) 產品照



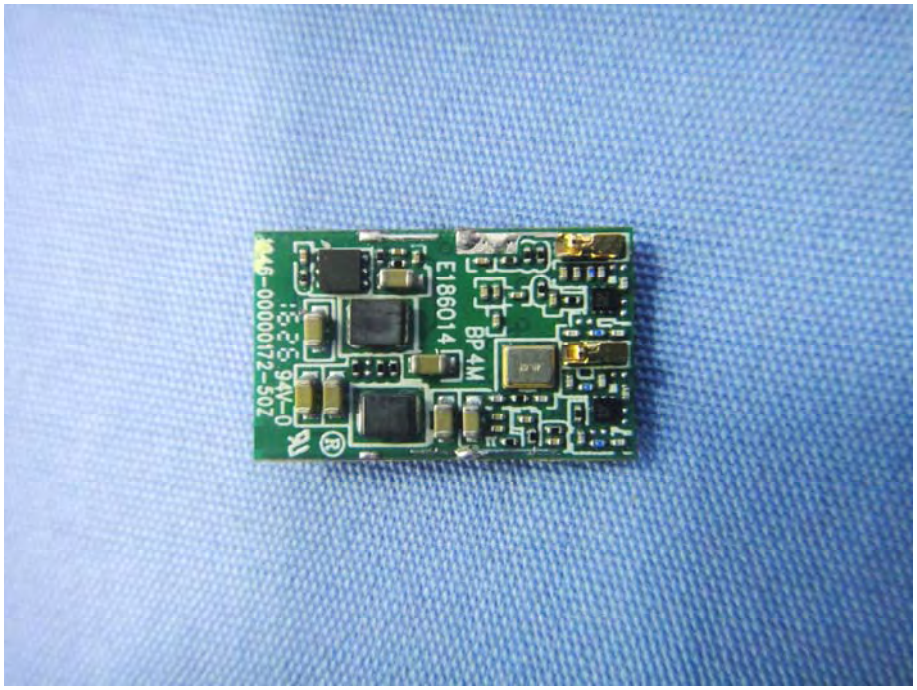
8.) 產品照



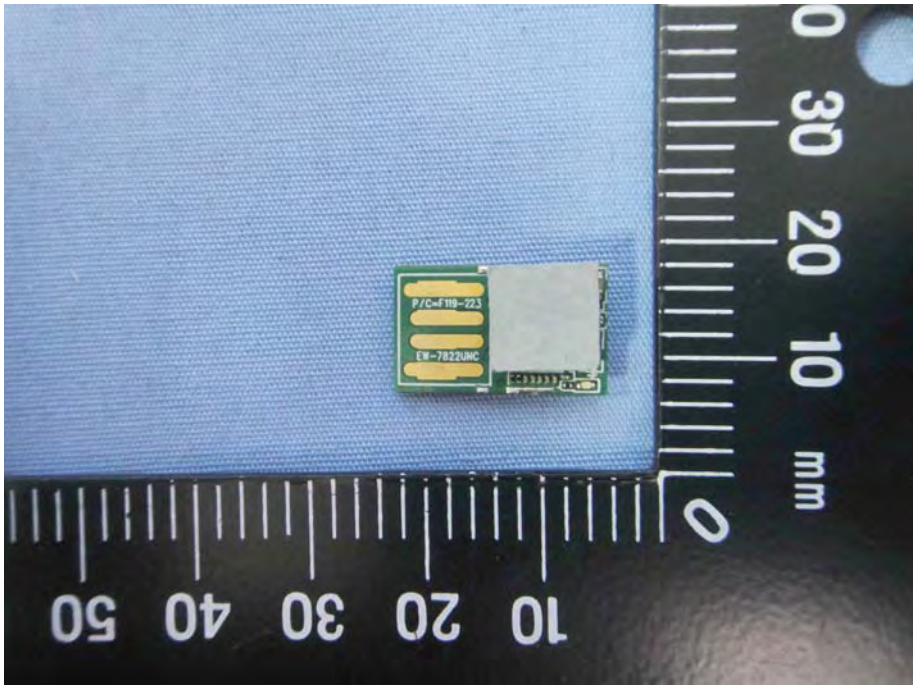
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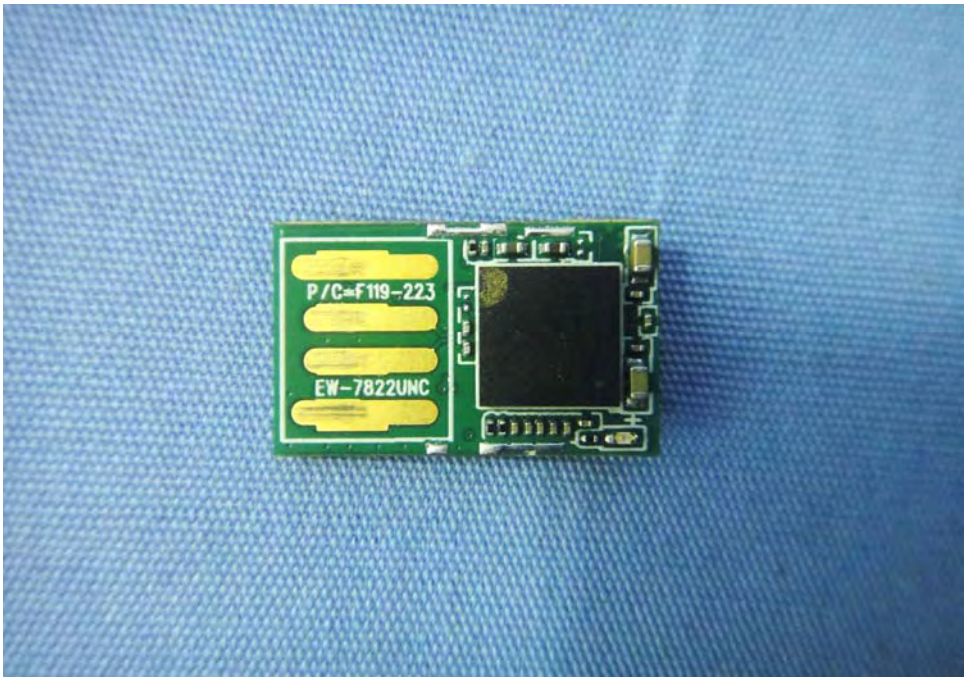
10.) 產品照



11.) 產品照


P/C=F119-223
EW-7822UNC
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10 20 30 40 50

12.) 產品照


P/C=F119-223
EW-7822UNC

13.) 產品照

