

LP0002 測試報告

for

藍牙轉網狀對講轉接器

Model No.: +MESH

of

Applicant: 捷盟創新國際股份有限公司

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測試報告證明

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 製造廠商：SENA TECHNOLOGIES Inc.
 廠牌：SENA
 品名：藍牙轉網狀對講轉接器
 型號：+MESH
 引用規範：國家通訊傳播委員會低功率射頻電機技術規範LP0002，修訂日期107年1月。
 測試總結如下：

項次	測試項目	適用規範	測試數據	量測設備	判定結果
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5.4節	請參閱5.4節	符合 請參閱5.4節
2	跳頻頻率數目	低功率射頻電機技術規範 3.10.1.6(1)(A)(a)節	請參閱6.4節	請參閱6.4節	符合 請參閱6.4節
3	峰值傳導輸出功率	低功率射頻電機技術規範 3.10.1.2 (1)節	請參閱7.4節	請參閱7.4節	符合 請參閱7.4節
4	天線增益之要求	低功率射頻電機技術規範 3.10.1.3 (1)(3)節	請參閱8.2節	請參閱8.2節	符合 請參閱8.2節
5	頻帶邊緣	低功率射頻電機技術規範 3.10.1.5節、2.7節和 2.8節	請參閱9.4節	請參閱9.4節	符合 請參閱9.4節
6	場強輻射	低功率射頻電機技術規範 3.10.1.5節、2.7節和 2.8節	請參閱10.5節	請參閱10.5節	符合 請參閱10.5節
7	發射頻寬跳頻調變 (20 dB 頻寬測試)	低功率射頻電機技術規範 3.10.1.6 (1)(A)節	請參閱11.4.1節	請參閱11.4.1節	符合 請參閱11.4.1節
8	載波頻率間隔	低功率射頻電機技術規範 3.10.1.6 (1)(A)節	請參閱11.4.2節	請參閱11.4.2節	符合 請參閱11.4.2節
9	跳頻頻道佔用時間 (停留時間)測試	低功率射頻電機技術規範 3.10.1.6(1)(A)(a)節	請參閱12.4節	請參閱12.4節	符合 請參閱12.4節
10	發射頻寬	低功率射頻電機技術規範 3.10.1.6(2)(A)節	請參閱13.4節	請參閱13.4節	符合 請參閱13.4節
11	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14.4節	請參閱14.4節	符合 請參閱14.4節
12	MPE	低功率射頻電機技術規範5.20節	請參閱15節	請參閱15節	符合 請參閱15節

測試報告聲明：

1. 本測試報告只適用於經本實驗室測試之樣品。
2. 非經本實驗室認可，摘錄本測試報告之部分內容使用無效。

測量單位名稱：今慶科技股份有限公司
 聯絡地址：台北市內湖區瑞光路188巷58號6樓
 聯絡電話：02-6606-8877

報告簽署人：王政凱 量測員：陳世宗
 簽署日期：108年11月01日 108年11月01日



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1.1 產品描述

- a) 產品型態 : 藍牙轉網狀對講轉接器
- b) 商 標 : SENA
- c) 產品型號 : +MESH
- d) 供應電源 : Input: USB 5Vd.c., Battery: 3.7Vd.c., 1000mAh, 3.7Wh
- e) 天線型態 / 增益 : (1)BT: PCB Antenna / 1.82 dBi;(2)Zigbee: Dipole Antenna / 1.05 dBi
- f) 天線廠牌 / 型號 : (1)RadiNa Co., Ltd / Plus-Mash;(2)鑫鈺電子有限公司 / AN2400-YX4801RS

備註: 經工程評估, 1GHz 以下帶外輻射測試頻帶僅以最差模式(TX)為代表。

此裝置為藍牙轉網狀對講轉接器, 內建藍牙 Bluetooth 與 Zigbee 功能。本測試報告之測試結果分為: Bluetooth Normal Mode (Mode 1); Bluetooth EDR Mode (Mode 2); Bluetooth Low Energy Mode (Mode 3); Zigbee Mode (Mode 4), 四種。

藍牙Bluetooth Normal Mode (Mode 1)與 Bluetooth EDR Mode (Mode 2)發射器發射頻率落於 2402 MHz 至 2480 MHz, 受測物使用FHSS與GFSK技術, 傳輸資料率為1Mbps (GFSK)、2Mbps ($\pi/4$ DQPSK)、3Mbps (8DPSK)。

藍牙Bluetooth Low Energy Mode (Mode 3)發射器發射頻率落於 2402 MHz 至 2480 MHz, 受測物使用GFSK調變。

Zigbee (Mode 4)發射器發射頻率落於 2410 MHz 至 2475 MHz, 受測物使用GFSK調變。

Bluetooth Normal Mode及EDR Mode發射器共79個頻道, 本測報選擇以下三個頻道進行測試並記錄其結果。

頻道 (Ch)		對應頻率(MHz)
A	0	2402
B	39	2441
C	78	2480

輸出功率為:Normal Mode (GFSK): -1.99 dBm, EDR Mode (8DPSK): -1.99 dBm。

Bluetooth Low Energy Mode發射器共40個頻道, 本測報選擇以下三個頻道進行測試並記錄其結果。

頻道 (Ch)		對應頻率(MHz)
A	0	2402
B	19	2440
C	39	2480

輸出功率為 Low Energy Mode (GFSK): -2.25 dBm。



Zigbee Mode發射器共14個頻道，本測報選擇以下三個頻道進行測試並記錄其結果。

頻道 (Ch)		對應頻率(MHz)
A	1	2410
B	8	2445
C	14	2475

輸出功率為 Zigbee Mode (GFSK): 19.96 dBm。

1.2 測試方法之依據

本測試報告之所有項目皆依據國家通訊傳播委員會低功率射頻電機技術規範LP0002，修訂日期107年1月，附件二直接序列展頻系統檢測之參考程序與附件三頻率跳頻展頻系統檢測之參考程序。

1.3 實驗室資訊

傳導干擾電壓測試：

台北市內湖區瑞光路188巷58號6樓，今慶科技股份有限公司傳導干擾電壓量測隔離室。

輻射干擾場強測試：

新北市萬里區雙興里麗水 5 號之 1，今慶科技股份有限公司所屬之開放式測試場 (OATS)。

3米半波暗室 台北市內湖區安康路228巷21弄35號

實驗室之財團法人全國認證基金會(TAF)認可編號為 1477；LP0002實驗室檢測範圍 9kHz - 40GHz，認證有效期間 107 年 2 月 16 日至 110 年 2 月 15 日止。



2 適用規範

2.1 規範要求

(1) 傳導之規定

依據國家通訊傳播委員會低功率射頻電機技術規範 2.3節之規定：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150千赫(kHz)至30兆赫(MHz)之射頻電壓(在電源端子每一電源線對接地點)不得超過下表所列之限值。頻率重疊處，以較低限值為準。

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

*：隨頻率之對數遞減。

(2) 跳頻頻率數目之要求

依據國家通訊傳播委員會低功率射頻電機技術規範 3.10.1.6(1)(A)(a)節之規定，操作於 2400 MHz～2483.5 MHz 之展頻跳頻系統，須使用至少15 個無重疊的頻道，在0.4 秒乘以跳頻頻道數之週期內，任一頻率占用之平均時間應小於或等於0.4 秒。應使用智慧型跳頻技術，以避免占用於特定跳頻頻道。

(3) 峰值傳導輸出功率之要求

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.2 (1)節之規定，

(1) 操作於2400 MHz～2483.5 MHz 者

(A) 至少使用75 個跳頻頻道之跳頻系統：1 W(含)以下。

(B) 除(A)外，依 3.10.1.6 (1)(A)(a)之跳頻系統：0.125 W(含)以下。

(C) 數位調變技術系統：1 W(含) 以下。

(4) 天線增益之要求

依據國家通訊傳播委員會低功率射頻電機技術規範 3.10.1.3 (1)(3)節之規定：

(1) 操作於2400 MHz～2483.5 MHz 頻段：

(A) 進行固定式點對點操作時，其發射天線之方向性增益超過6 dBi，每超過3 dBi，最大傳導輸出功率限制值應降低1 dB。

(B) 天線以多向波束發射方式(含同時發射或循序發射)將訊號導向多個接收機或接收機群組時，應符合下列規定：

(a) 非同時發射多向波束者，所有載波或頻道傳輸至所有天線陣列或陣列群之總和傳導輸出功率應符合3.10.1.2 之功率限制值。如天線/天線陣列群之方向性增益超過6 dBi，每超過3 dBi，總和傳導輸出功率限制值應降低1 dB。方向性增益值應計算如下：

(i) 方向性增益值= $10\log(\text{天線陣列之單元數目}) + \text{各單元中最高之方向性增益值}$ 。

(ii) 天線陣列間之遮蔽效應或波束干涉損失能充分佐證時，方向性增益得低於(i)計算數值。

(b)同時發射多向波束於相同或不同頻道者，其每一波束功率應符合(a)之功率限制值。如發射波束有重疊現象，功率應降低，以確保總和傳導輸出功率符合(a)之限制值。同時發射的所有波束總和傳導輸出功率不大於(a) 總和傳導輸出功率限制值加8 dB。方向性增益值計算同(a)。

(c) 發射機之天線具備單向波束功能者，應符合(1)(A)及(3)後段之規定。

(3) 除(1)及(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。

(5) 頻帶邊緣之要求

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.5節之規定，帶外發射限制：操作頻帶範圍外之任意100 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 kHz 內的射頻功率，其衰減值限制如下：

(1) 輸出功率以附件二之峰值輸出功率方式測量者，至少須衰減20 dB，可使用射頻傳導或輻射方式測量。

(2) 輸出功率以3.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少須衰減30 dB。此外，落於2.7 禁用頻段之輻射發射，應符合2.8 之規定。

(6) 發射限制之規定

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.5節之規定，帶外發射限制：操作頻帶範圍外之任意100 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 kHz 內的射頻功率，其衰減值限制如下：

(1) 輸出功率以附件二之峰值輸出功率方式測量者，至少須衰減20 dB，可使用射頻傳導或輻射方式測量。

(2) 輸出功率以3.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少須衰減30 dB。此外，落於2.7 禁用頻段之輻射發射，應符合2.8 之規定。

(7) 頻寬之要求

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1(6.2.A)節規定：6dB之頻寬至少



(8) 功率密度之要求

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6.(2)(B)節規定：在使用頻率範圍之任一3 kHz 頻寬內，由發射機傳導至天線之功率頻譜密度在任意傳輸期間內，皆小於或等於8 毫分貝(dBm)，且應依3.10.1.3 之方式降低功率頻譜密度限制值。

(9) 載波頻率間隔之要求

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6 (1)(A)節之規定，跳頻系統之載波頻率頻道間隔應大於或等於25 kHz 或跳頻頻道之20 dB 頻寬，兩者取較寬者。但操作頻率為2400 MHz～2483.5 MHz 頻段且輸出功率應小於或等於125 mW 跳頻系統，其載波頻率頻道間隔不得小於25 kHz 或跳頻頻道20 dB 頻寬之三分之二，兩者取較寬者。系統之跳頻頻道應依虛擬亂數排列，在各頻率之跳頻頻道上跳躍。每一發射機必須均等的使用每一頻率。系統接收機應具有與發射機跳躍頻道頻寬相匹配之輸入頻寬，且應隨所發射之訊號同步偏移接收頻率。

(10) 跳頻頻道佔用時間(停留時間)測試之要求

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6(1)(A(a)節規定：操作於2400 MHz～2483.5 MHz 之展頻跳頻系統，須使用至少15 個無重疊的頻道，在0.4 秒乘以跳頻頻道數之週期內，任一頻率占用之平均時間應小於或等於0.4 秒。應使用智慧型跳頻技術，以避免占用於特定跳頻頻道。



2.2 限制使用之頻帶

1. 依據國家通訊傳播委員會低功率射頻電機技術規範2.7節規定，任何低功率射頻電機之主波皆不得使用下表所列各頻帶內之頻率;低功率射頻電機落於下表所列頻帶內之混附發射，其電場強度必須符合國家通訊傳播委員會低功率射頻電機技術規範2.8節的限制規定。

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



2. 依據國家通訊傳播委員會低功率射頻電機技術規範2.8節規定，除國家通訊傳播委員會低功率射頻電機技術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(兆赫)	電場強度(微伏/公尺)	測距 (公尺)
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

Document Name	Uncertainty
傳導量測不確定度評估結果 Estimation Result of Uncertainty of Conducted Emission	Expanded Uncertainty : AMN : 1.30 dB Voltage probe : 1.36 dB
輻射量測不確定度評估結果(3M) Estimation Result of Uncertainty of Radiated Emission	Expanded Uncertainty : 0.009-30 MHz : 2.02 dB 30-1000 MHz : 3.49 dB 1-18 GHz : 3.01 dB 18-40 GHz : 2.43 dB
輻射量測不確定度評估結果(10M) Estimation Result of Uncertainty of Radiated Emission	Expanded Uncertainty : 0.009-30MHz : 2.05 dB 30-1000 MHz : 3.37 dB
頻寬量測不確定度評估結果 Estimation Result of Uncertainty of Bandwidth Measurement	Expanded Uncertainty : 0.45 kHz
傳導輸出功率量測不確定度評估結果 Estimation Result of Uncertainty of Conducted Output Power Measurement	Expanded Uncertainty : 1.72 dB
峰值功率密度量測不確定度評估結果 Estimation Result of Uncertainty of Power Density Measurement	Expanded Uncertainty : 1.73 dB

決定規則為: 量測不確定度不納入考量。



3 測試條件說明

3.1 受測物操作說明

此受測物為Bluetooth傳輸設備，因此在本測試報告之測試結果分為Normal mode (Mode 1)、EDR mode (Mode2)、Bluetooth Low Energy Mode (Mode 3)，頻率為2.4~2.4835GHz，傳輸資料率為1Mbps (GFSK)、2Mbps ($\pi/4$ DQPSK)、3Mbps (8DPSK)、Bluetooth Low Energy Mode(GFSK)、Zigbee Mode使用GFSK調變。

本測試執行所使用之軟體由客戶提供。

BT

步驟1. 待測物經由治具連接到電腦電腦開啟工程軟體BLUE TEST3

步驟2. 軟體設定Power setting : Normal Mode=0、EDR mode=0、Low Energy Mode=0，設定完成後開始測試。

Zigbee

步驟1. 客戶已將RF分位燒入至待測物，按壓開關鍵切換發射頻率，無Power setting設定完成後開始測試。

電源傳導以將待測物經由USB及至充電器充電(USB Charge Mode)及無線連結週邊(SP46)執行測試。

3.2 受測系統說明

3.2.1 受測系統之相關設備

電源傳導測試系統

USB Charge mode

項目	設備名稱	製造商	型號	檢磁號碼	序號
1	轉接電源線組	成電企業有限公司	TC-1348	R63608	N/A
2	*藍牙轉網狀對講轉接器	SENA TECHNOLOGIES Inc.	+MESH	N/A	N/A
3	Adaptor	Samsung Electronics Co., Ltd.	EP-TA20JWS	R33475	N/A
4	BT Headset	SENA TECHNOLOGIES Inc.	SP46	N/A	N/A

*為欲申請之受測物。

輻射電場測試系統

Mode 1~4

項目	設備名稱	製造商	型號	檢磁號碼	序號
1	*藍牙轉網狀對講轉接器	SENA TECHNOLOGIES Inc.	+MESH	N/A	N/A

*為欲申請之受測物。



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3.2.2 受測系統之相關纜線

電源傳導測試系統

USB Charge mode

項目	信號纜線名稱	廠牌	型號	附加鐵粉芯	長度
C1	Power Cord	成電	TC-1348	N/A	1.0m
C2	USB Cable	Samsung Electronics Co., Ltd.	ECC1DU5BBE	N/A	1.2m

輻射電場測試系統

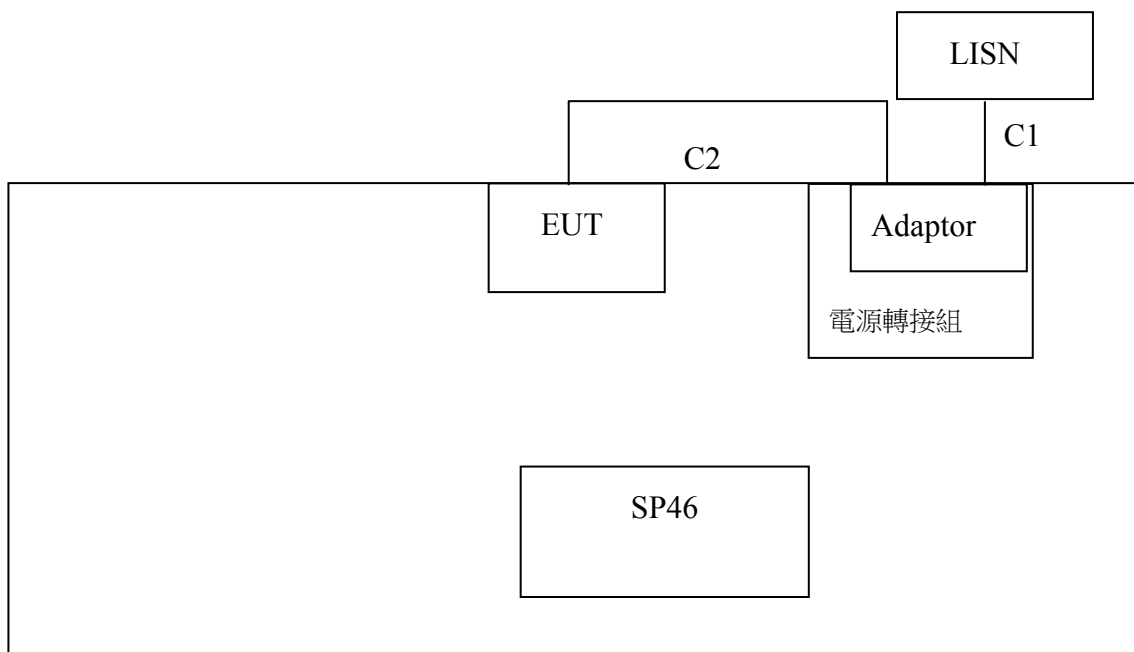
無相關測試纜線。

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3.3 受測系統連接圖系統組

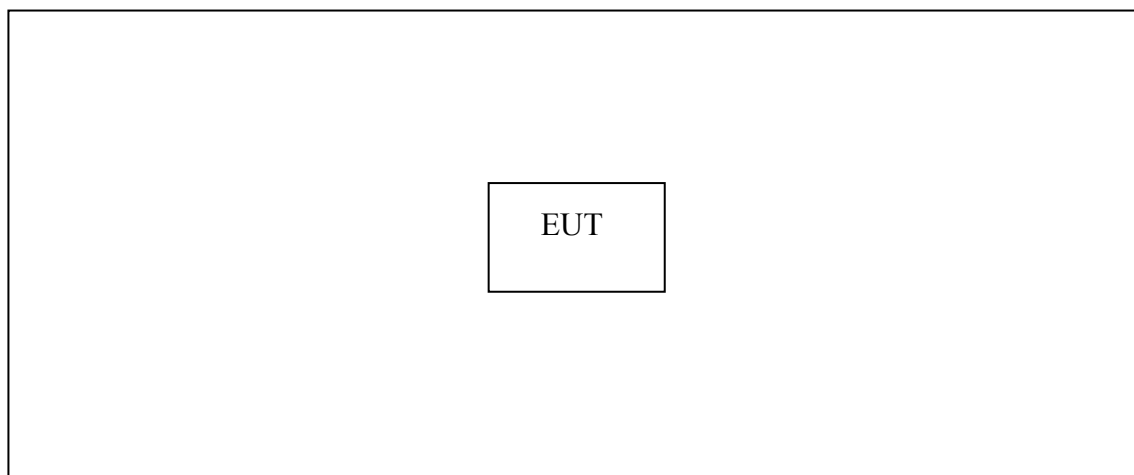
圖(一) 電源傳導測試系統組成示意圖

USB Charge mode



圖(二) 輻射電場測試系統組成示意圖

Mode 1~4





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4 測試儀器設備

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2019/6/4	2020/6/3
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 004	ZWEILEITER-V-NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2019/10/31	2020/10/30
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2019/9/24	2020/9/23
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2019/7/23	2020/7/22
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2019/10/3	2020/10/2
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2019/7/18	2020/7/17
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2019/6/4	2020/6/3
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2019/5/29	2020/5/28
ETSTW-RE 012	TUNABLE BANDREJECT FILTER	D.C 0309	146	K&L	Function Test	
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function Test	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2019/7/25	2020/7/24
ETSTW-RE 019	MICROWAVE HORN ANTENNA	22240-25	121074	FM	2019/5/3	2020/5/2
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2019/7/22	2020/7/21
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2019/4/2	2020/4/1
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2019/1/29	2020/1/28
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2019/4/23	2020/4/22
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2019/5/13	2020/5/12
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use NCR	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2019/2/27	2020/2/26
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2019/2/27	2020/2/26
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2019/2/27	2020/2/26
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2019/3/5	2020/3/4
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2019/2/27	2020/2/26
ETSTW-RE 061	Amplifier Module	CHC 1	None	ETS	2019/5/14	2020/5/13
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2019/5/16	2020/5/15
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 065	Amplifier	AMF-6F-18002650-25- 10P	941608	MITEQ	2019/3/29	2020/3/28
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	ETS-Lindgren	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2019/9/23	2020/9/22
ETSTW-RE 073	Power Meter	N1911A	MY45100769	Agilent	2019/1/24	2020/1/23
ETSTW-RE 074	Power Sensor	N1921A	MY45241198	Agilent	2019/1/24	2020/1/23
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2019/9/18	2020/9/17



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ETSTW-RE 096	SIGNAL GENERATOR	SMIQ 03B	102274	R&S	2019/6/14	2020/6/13
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2019/2/22	2020/2/21
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2019/1/14	2020/1/13
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function Test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2019/6/3	2020/6/2
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2019/8/8	2020/8/7
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2019/8/8	2020/8/7
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2019/2/26	2020/2/25
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2019/8/8	2020/8/7
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2019/8/8	2020/8/7
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2019/5/16	2020/5/15
ETSTW-RE 147	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04005	ETC	2019/4/2	2020/4/1
ETSTW-RS 009	SIGNAL GENERATOR	8648C	3642U01656	HP	2019/1/24	2020/1/23
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2019/3/5	2020/3/4
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2019/3/26	2020/3/25
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2019/10/18	2020/10/17
ETSTW-GSM 005	Dynamic Signal Acquisition USB 2.0 Module	USB-2405	0050	ADLINK	Function Test	
ETSTW-GSM 006	ICPR Accelerometer	352C65	LW216621	PCB PIEZOTRONICS	2019/9/24	2020/9/23
ETSTW-GSM 007	Free-Field Array Microphone	40PH	222391	G.R.A.S.	2019/10/1	2020/9/30
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2019/9/12	2020/9/11
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2019/3/5	2020/3/4
ETSTW-GSM 025	Band Reject Filter	BRM19835	001	Micro-Tronics	2019/8/9	2020/8/8
ETSTW-Cable 002	Microwave Cable	SUCOFLEX 104 (S Cable 7)	238093	HUBER+SUHNER	2019/5/14	2020/5/13
ETSTW-Cable 003	Microwave Cable	SUCOFLEX 104 (S Cable 11)	209953	HUBER+SUHNER	2019/5/14	2020/5/13
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2019/7/2	2020/7/1
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2019/2/25	2020/2/24
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2019/5/14	2020/5/13
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2019/9/18	2020/9/17
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2019/9/18	2020/9/17
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S Cable 9)	279067	HUBER+SUHNER	2019/2/25	2020/2/24
ETSTW-Cable 039	Microwave Cable	SUCOFLEX 104	316739	HUBER+SUHNER	2019/5/14	2020/5/13
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2019/5/16	2020/5/15
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2019/5/16	2020/5/15
ETSTW-Cable 066	SMA type cable	32022	None	ASTROLAB	2019/9/24	2020/9/23
ETSTW-Cable 072	SMA type cable (8m)	SUCOFLEX 104	805800/4	HUBER+SUHNER	2019/5/16	2020/5/15



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ETSTW-Cable 074	SMA type cable (2m)	SUCOFLEX 104	802563/4	HUBER+SUHNER	2019/5/16	2020/5/15
WTSTW-SW 002	EMI TEST SOFTWARE	EZ EMC	None	Farad	Version ETS-03A1	
WTSTW-SW 005	GSM Fading Level Correction	GSMFadLevCor	None	R&S	Version 1.66	
WTSTW-SW 006	EMI TEST SOFTWARE	e3	None	AUDIX	Version 9.161014	
WTSTW-SW 008	Signal studio	Agilent	None	AUDIX	Version 2.0.0.1	
WTS-SF 060	振動試驗機/ Vibration Tester	VS-100V	0M01	VS	2019/4/29	2020/4/28
ETSTW-TH 001	Thermohygrometer	608-H1	45204316	Testo	2019/9/9	2020/9/8
ETSTW-TH 002	Thermohygrometer	608-H1	45204317	Testo	2019/9/9	2020/9/8

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5 電源線傳導干擾之量測

5.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範2.3節之規定。

5.2 測試方法

依據量測場地配置圖連接受測物之電源線至 LISN，週邊或支援裝置之電源線連接至另一 LISN。所有 LISN 之電力由同一個交流電源供應。

若受測物之電源線長度足以束綁，該束綁之固定須以膠帶或其他不影響測試之非傳導性材質。非受測物之電源線無須束綁，由桌子的後緣垂下沿傳導測試場地的地面接至 LISN。落地型之附件設備的電源線可以任何便利的型態置於接地平面上或絕緣物上。

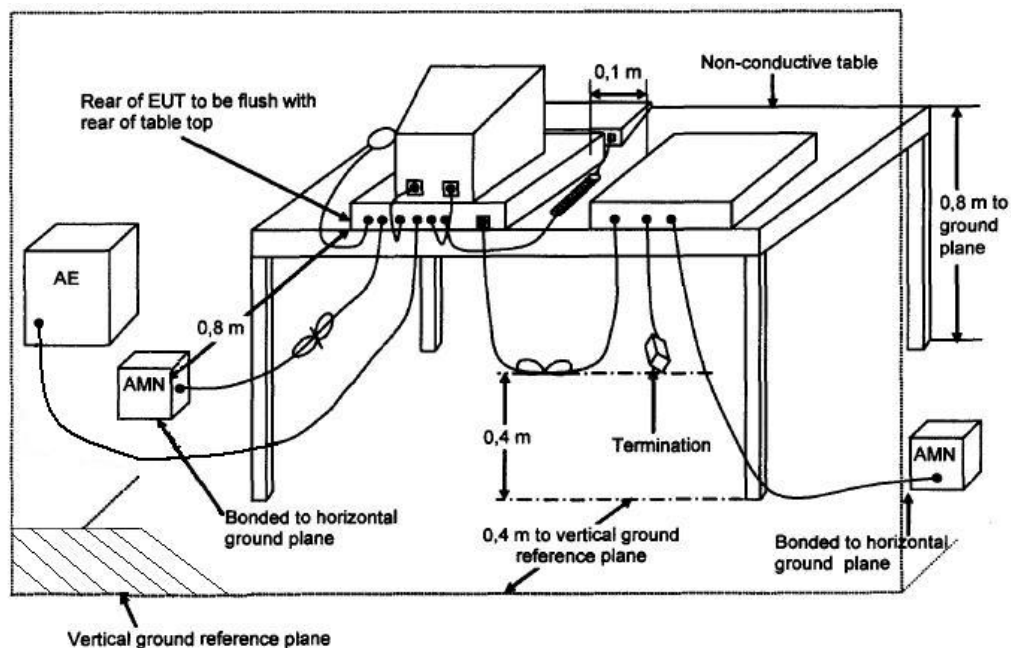
週邊設備之電源線不可垂過 LISN 的上端。使用長度合宜之同軸電纜將測量儀器連接至供應電流至受測物之 LISN 的 RF 埠，其他未連接之 RF 埠以 50Ω 電阻終結。

使用頻譜分析儀或其他可提供頻譜顯示之儀器以進行交流電力線傳導初步測試，以決定須作最終測試的頻率點。

再使用下表指定之檢波器功能針對初測所得的頻率點進行單點詳測，以決定最終的測試結果。

頻率 (kHz)	儀器型態	檢波器功能	RBW(6dB)
150 - 30000	EMI Test Receiver	QP/AV	10 kHz

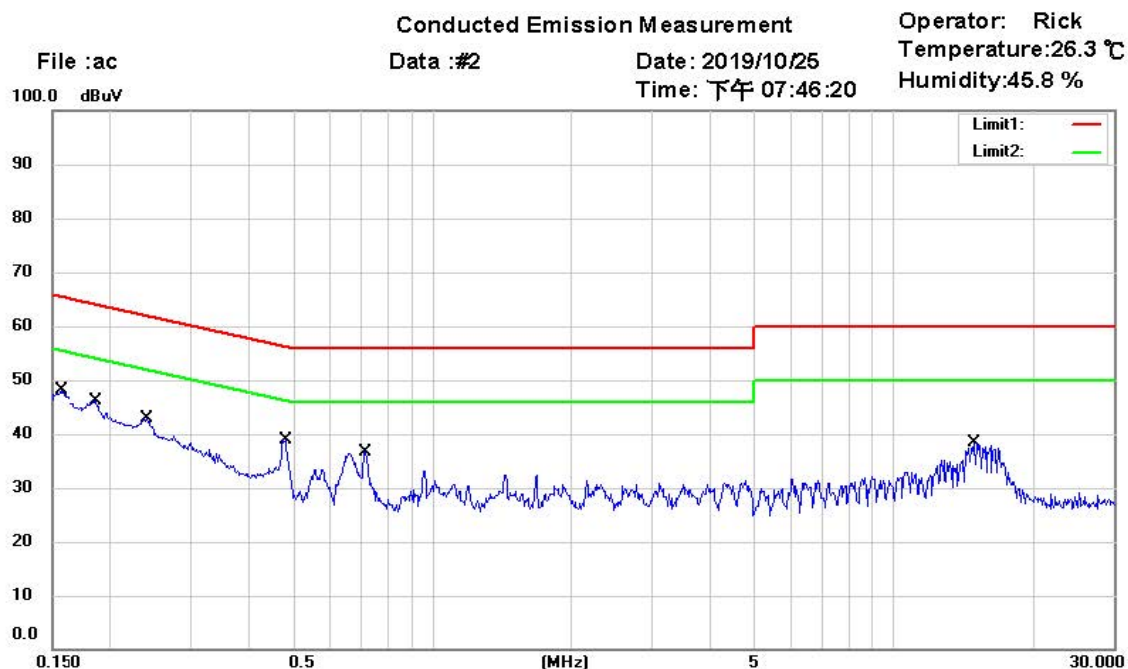
5.3 電源線傳導干擾之測試配置





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5.4 傳導干擾之量測結果



Site : Chamber_03

Condition : LP0002 Conduction(QP)

EUT : W6M21907-19248

M/N:

Test Mode : Charger

Note :

Phase: N

Power : 110Vac.

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1561	34.21	QP	9.75	43.96	65.67	-21.71	
	0.1561	26.19	AVG	9.75	35.94	55.67	-19.73	
	0.1870	30.92	QP	9.74	40.66	64.17	-23.51	
	0.1870	22.61	AVG	9.74	32.35	54.17	-21.82	
	0.2410	26.55	QP	9.72	36.27	62.06	-25.79	
	0.2410	20.63	AVG	9.72	30.35	52.06	-21.71	
	0.4806	23.54	QP	9.68	33.22	56.33	-23.11	
*	0.4806	21.60	AVG	9.68	31.28	46.33	-15.05	
	0.7137	19.48	QP	9.66	29.14	56.00	-26.86	
	0.7137	15.02	AVG	9.66	24.68	46.00	-21.32	
	14.9000	21.81	QP	10.60	32.41	60.00	-27.59	
	14.9000	14.76	AVG	10.60	25.36	50.00	-24.64	



Worldwide Testing Services(Taiwan) Co., Ltd.

今慶科技股份有限公司

Conducted Emission Measurement

Operator: Rick

Data :#1

Date: 2019/10/25

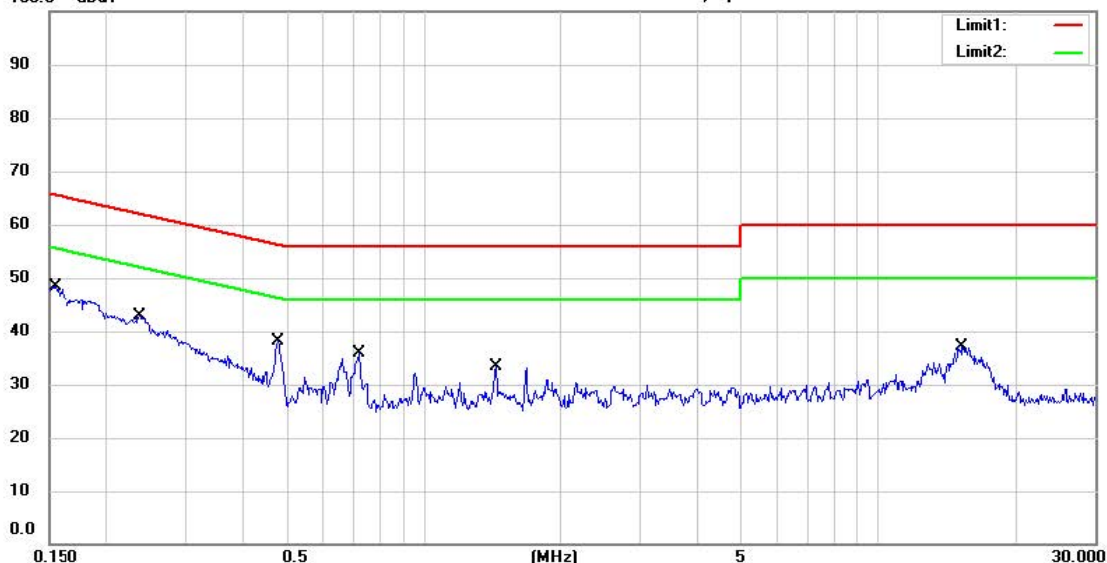
Temperature: 26.3 °C

Time: 下午 07:43:10

Humidity: 45.8 %

File : ac

100.0 dBuV



Site : Chamber_03

Condition : LP0002 Conduction(QP)

Phase: L1

EUT : W6M21907-19248

Power : 110Vac.

M/N:

Test Mode : Charger

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1544	32.06	QP	9.77	41.83	65.76	-23.93	
	0.1544	23.75	AVG	9.77	33.52	55.76	-22.24	
	0.2373	28.97	QP	9.74	38.71	62.19	-23.48	
	0.2373	20.79	AVG	9.74	30.53	52.19	-21.66	
	0.4767	23.82	QP	9.70	33.52	56.40	-22.88	
*	0.4767	22.03	AVG	9.70	31.73	46.40	-14.67	
	0.7205	20.08	QP	9.68	29.76	56.00	-26.24	
	0.7205	16.82	AVG	9.68	26.50	46.00	-19.50	
	1.4360	18.03	QP	9.61	27.64	56.00	-28.36	
	1.4360	14.61	AVG	9.61	24.22	46.00	-21.78	
	15.2875	20.59	QP	10.51	31.10	60.00	-28.90	
	15.2875	13.12	AVG	10.51	23.63	50.00	-26.37	

備註：

1. 上表為將待測物經由 USB 及至充電器充電(USB Charge Mode)及無線連結週邊(SP46)執行測試之量測結果。經整體初測評估後，此量測結果為最大干擾值模式，故僅列出此量測結果。
2. “--”表示以準峰值檢波器量測的結果值低於平均限制值，可視同以平均值檢波器量測的結果會符合平均限制值。
3. 傳導干擾電壓量測之儀器設備: ETSTW-CE 001、ETSTW-CE 016、ETSTW-RE 045。
4. Up Line: QP Limit Line, Down Line: Ave Limit Line。

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5.5 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 + 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

5.6 傳導之限制值規定

依據國家通訊傳播委員會低功率射頻電機技術規範 2.3節之規定，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150千赫(kHz)至30兆赫(MHz)之射頻電壓(在電源端子每一電源線對接地點)不得超過下表所列之限值。測量時應經過50微亨利(μ H)及50歐姆(Ω)之電源線阻抗模擬網路(LISN)。頻率重疊處，以較低限值為準。

頻率 (MHz)	傳導限制值(dBuV)	
	準峰值	平均值
0.15-0.5	66 - 56(*)	56 - 46(*)
0.5-5	56	46
5-30	60	50

*隨頻率之對數遞減。

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6 跳頻頻率數目之量測

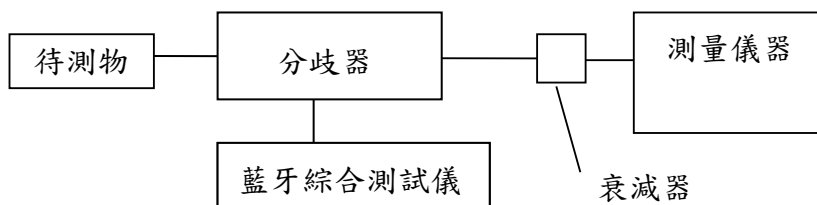
6.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6(1)(A)(a)節之規定。

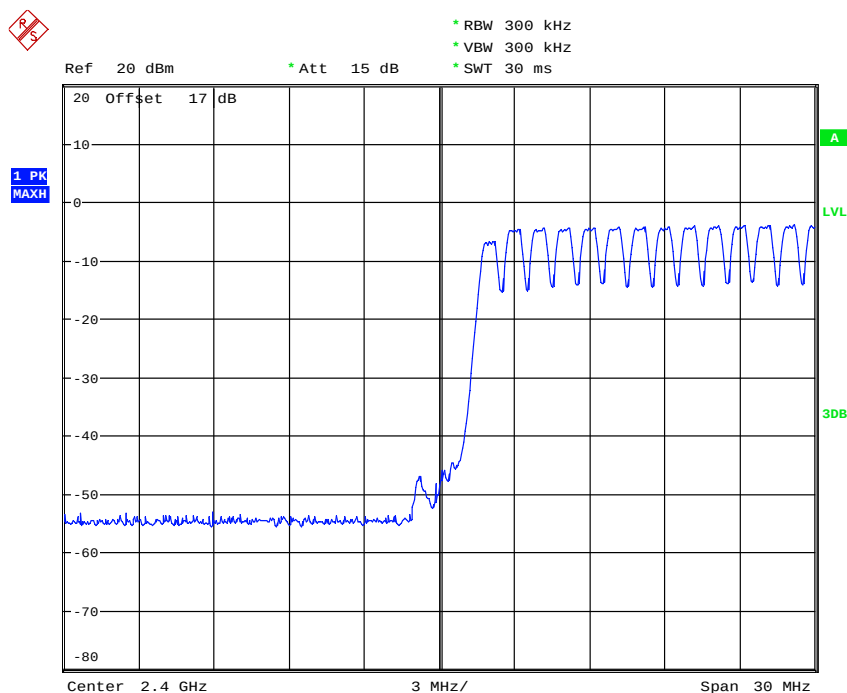
6.2 測試方法

- (一) 啟動受測物之跳頻功能。
- (二) 頻譜掃描範圍為受測物之操作頻帶。
 1. 頻率掃描範圍為受測物之操作頻帶。
 2. 解析頻寬不小於1%的頻率掃描範圍，視訊頻寬不小於解析頻寬。
 3. 掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留 (Max Hold)。

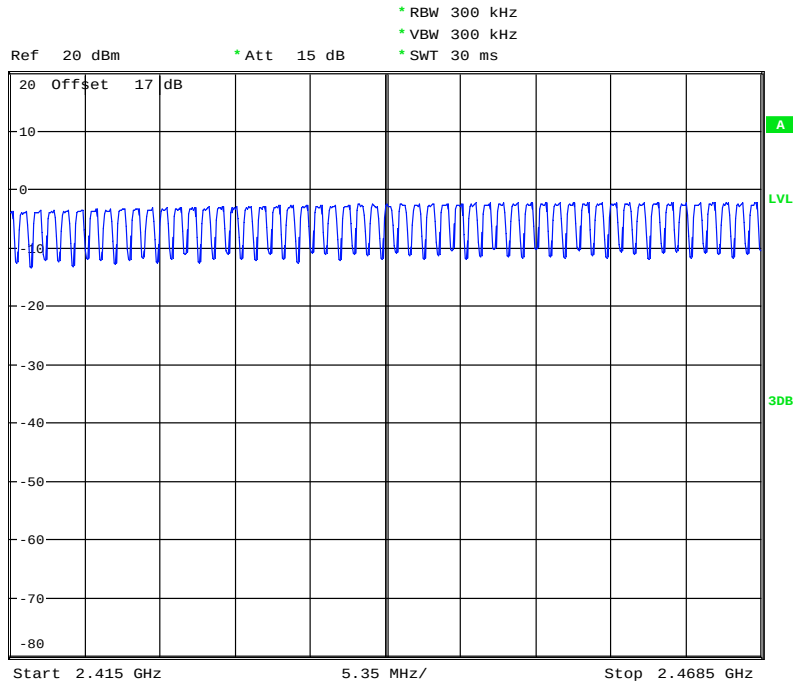
6.3 跳頻頻率數目之測試配置



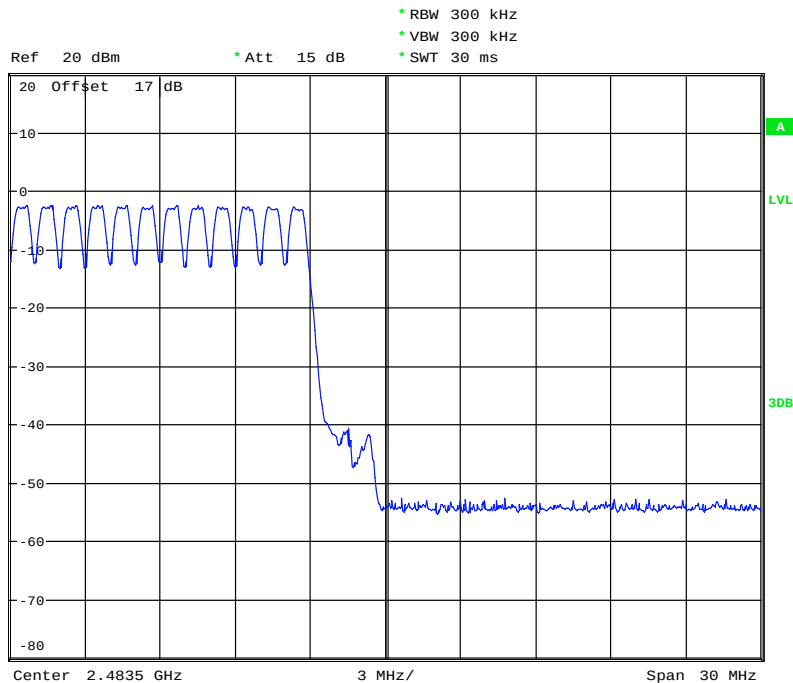
6.4 跳頻頻率數目之量測結果



NUMBER OF HOPPING CH0-13
 Date: 8.OCT.2019 19:45:14



NUMBER OF HOPPING CH14-66
Date: 8.OCT.2019 19:47:02



NUMBER OF HOPPING CH67-78
Date: 8.OCT.2019 19:45:54



- 備註：
1. 由於Normal Mode與 EDR Mode之頻道數目皆相同，故僅附Normal Mode 之量測結果。
 2. 跳頻頻率數目量測之儀器設備: ETSTW-RE 055、ETSTW-RE 064。

6.5 跳頻頻率數目之限制值規定

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6(1)(A)(a)節之規定，操作於2400 MHz～2483.5 MHz 之展頻跳頻系統，須使用至少15 個無重疊的頻道，在0.4 秒乘以跳頻頻道數之週期內，任一頻率占用之平均時間應小於或等於0.4 秒。應使用智慧型跳頻技術，以避免占用於特定跳頻頻道。

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7 峰值傳導輸出功率之量測

7.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.2 (1)節之規定。

7.2 測試方法

一、藍牙發射器之頻譜分析儀設定如下：

- 1.頻率掃描範圍約為 20 dB 頻寬之5倍，中心頻率為跳頻頻道。
- 2.解析頻寬大於 1% 欲測試發射之 20 dB 頻寬，視訊頻寬不小於解析頻寬。
- 3.掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留 (Max Hold)。
- 4.利用記號至波峰(Mark to Peak)功能以標記發射之波峰，所指示之位準為峰值輸出功率。
- 5.上述之測試驟應注意外接之衰減與纜線損失。

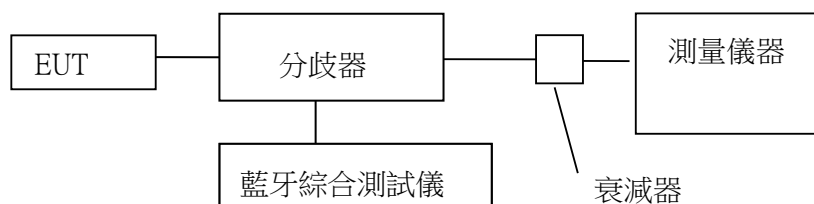
二、Low Energy

發射器之測試方法：

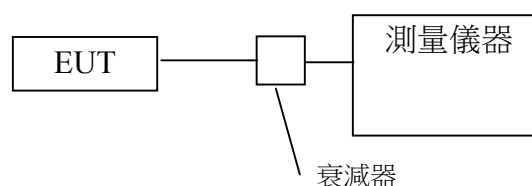
此為RF傳導測試，將發射機之天線埠經由適當之衰減直接連至測試儀器。設定儀器之解析頻寬大於6 dB發射頻寬或使用峰值功率表。

7.3 峰值傳導輸出功率之測試配置

一、藍牙發射器之測試配置：



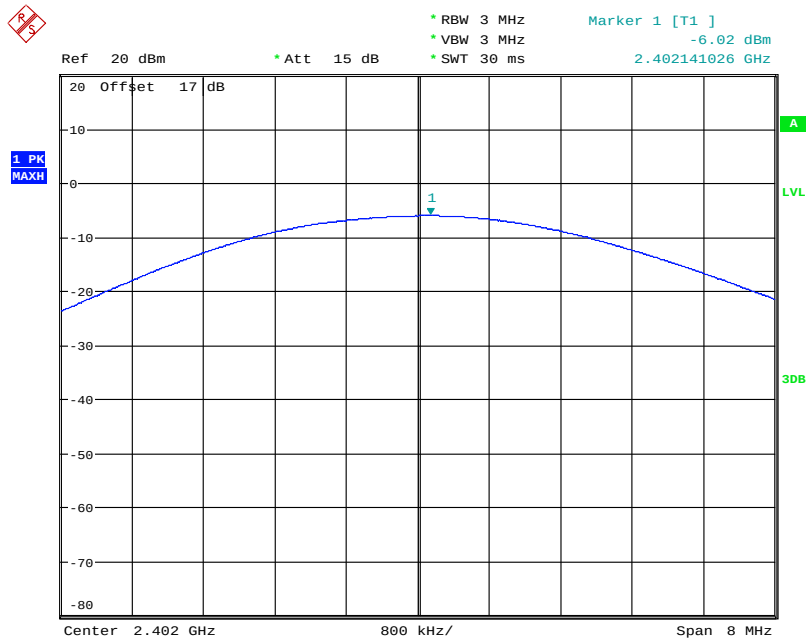
二、Low Energy 發射器之測試配置：



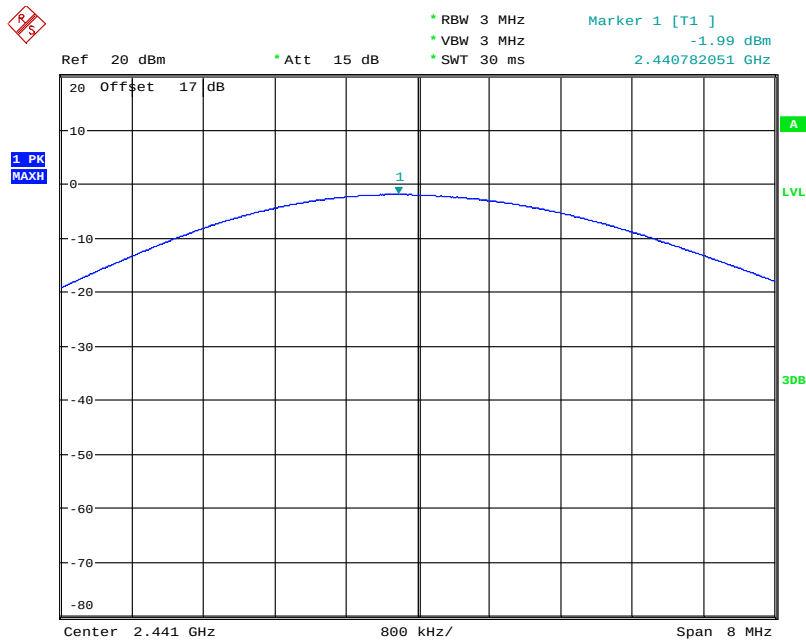
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7.4 峰值傳導輸出功率之量測結果

Normal mode



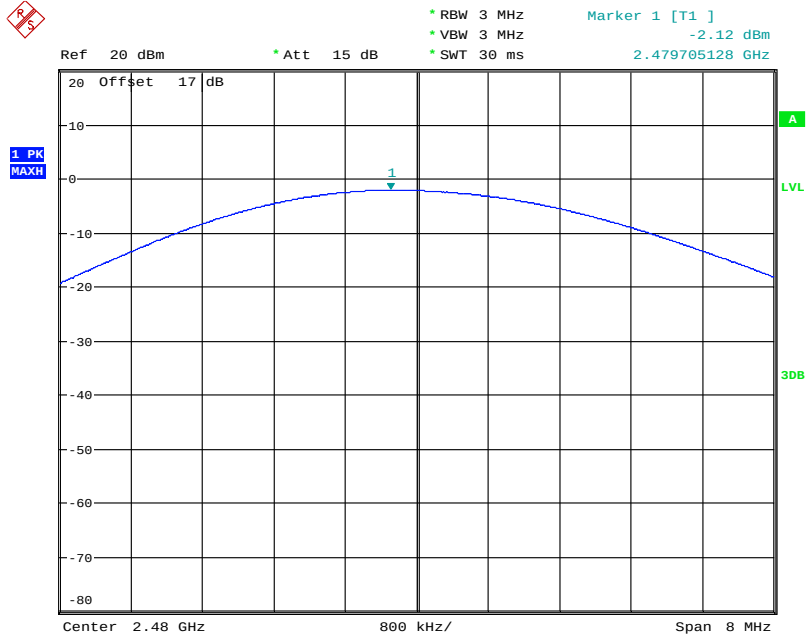
MAX OUTPUT POWER CH0
Date: 8.OCT.2019 17:30:41



MAX OUTPUT POWER CH39
Date: 8.OCT.2019 17:31:53

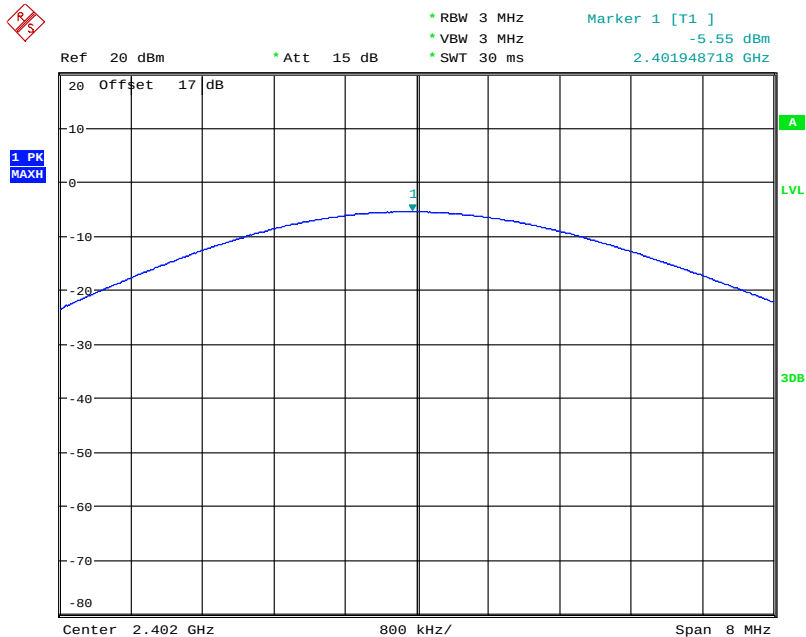


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MAX OUTPUT POWER CH78
Date: 8.OCT.2019 17:33:01

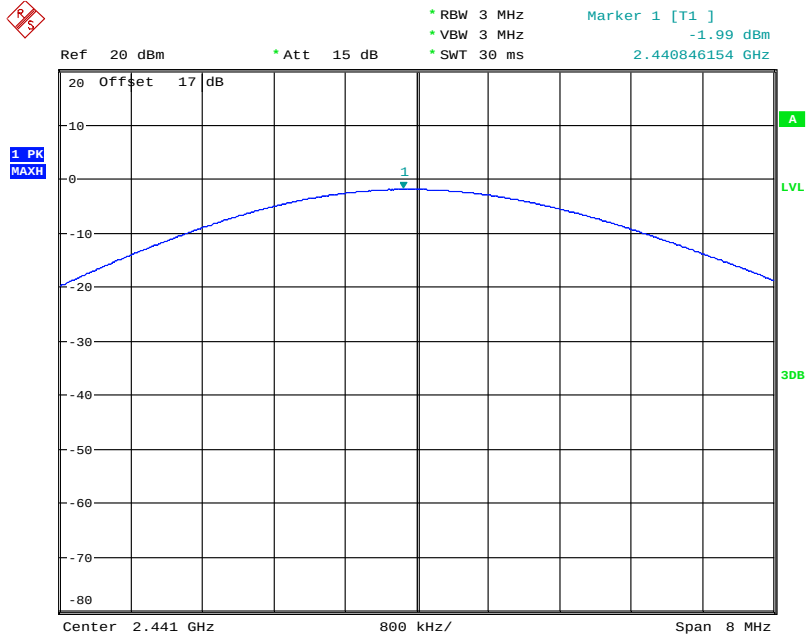
EDR mode



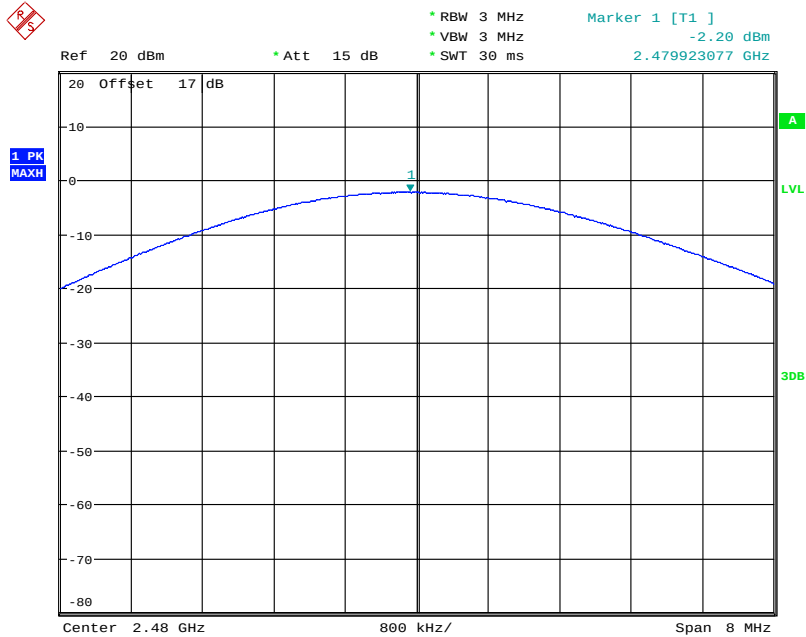
MAX OUTPUT POWER CH0 EDR MODE
Date: 8.OCT.2019 17:42:01



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MAX OUTPUT POWER CH39 EDR MODE
Date: 8.OCT.2019 17:46:05

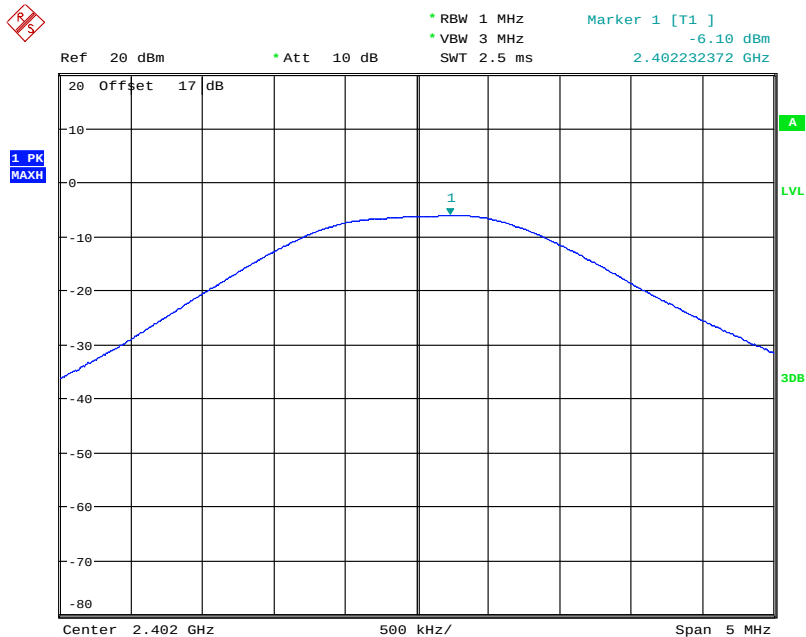


MAX OUTPUT POWER CH78 EDR MODE
Date: 8.OCT.2019 17:46:41



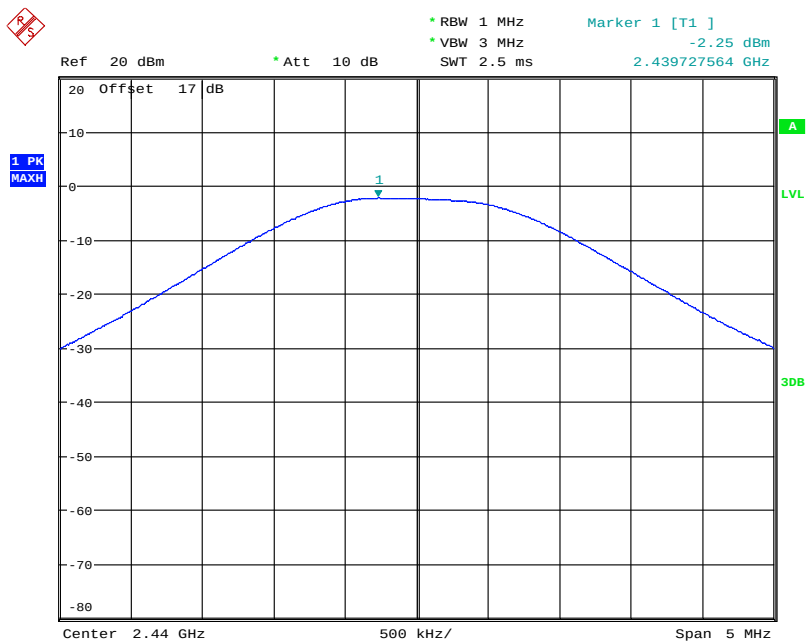
今慶科技股份有限公司

Low energy mode



MAX OUTPUT POWER BT4.0 CH00

Date: 8.OCT.2019 19:36:36

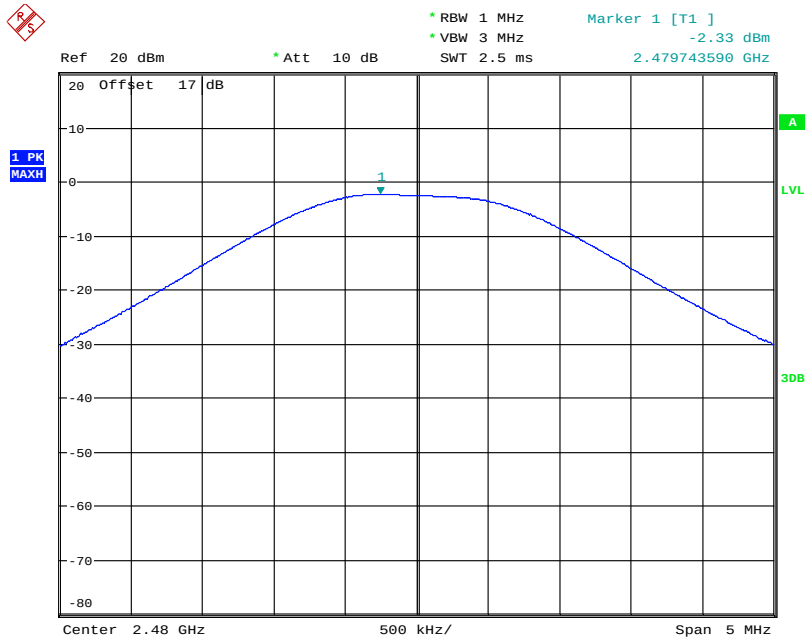


MAX OUTPUT POWER BT4.0 CH19

Date: 8.OCT.2019 19:38:20

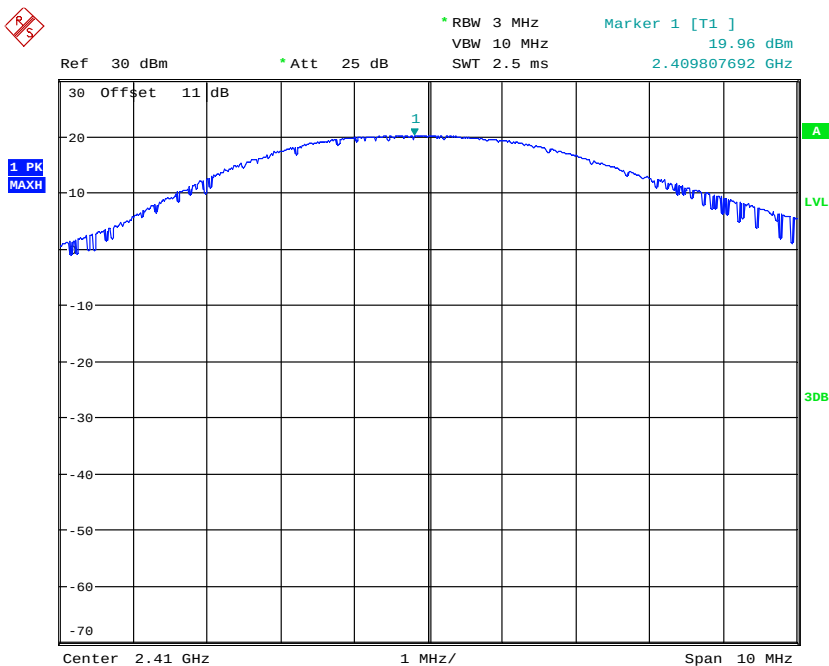


今慶科技股份有限公司

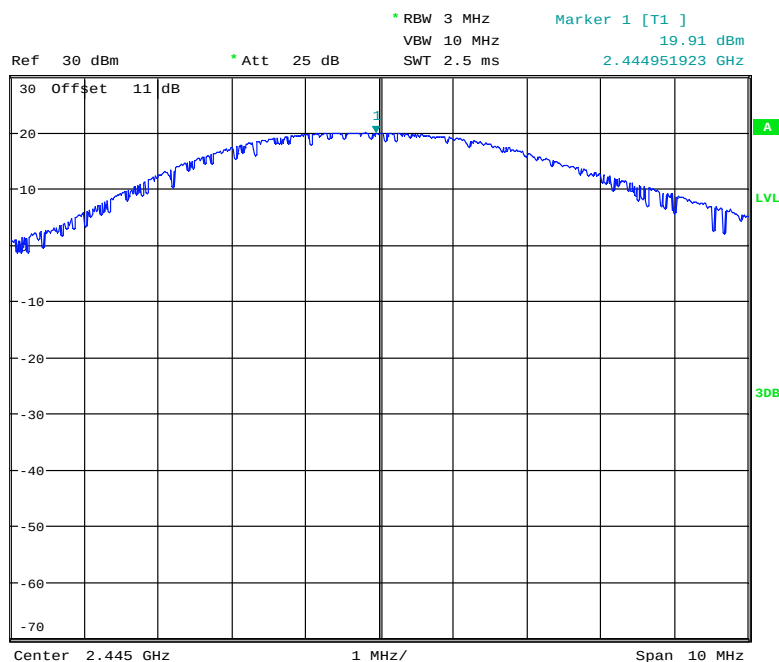


MAX OUTPUT POWER BT4.0 CH39
Date: 8.OCT.2019 19:39:54

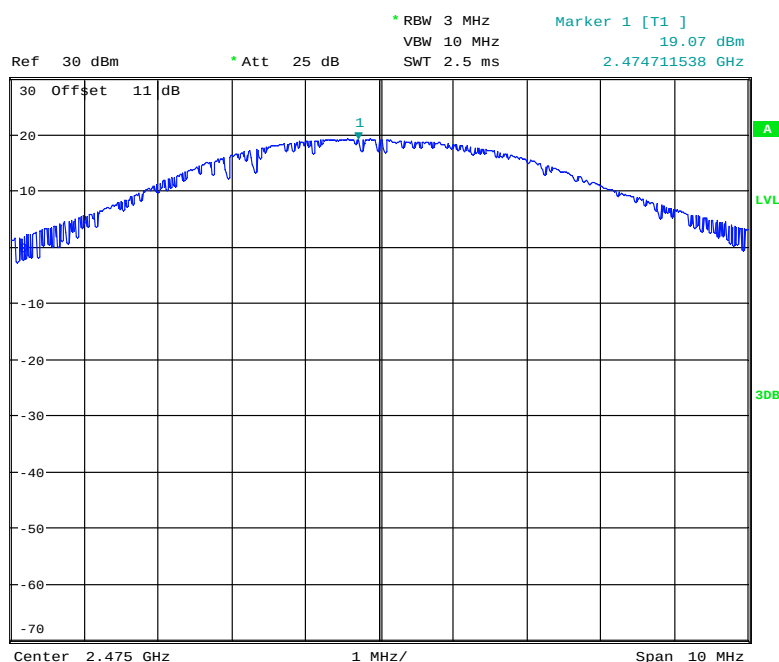
Zigbee



MAX OUTPUT POWER 2410MHz
Date: 8.OCT.2019 14:31:55



MAX OUTPUT POWER 2445MHz
Date: 8.OCT.2019 14:48:04



MAX OUTPUT POWER 2475MHz
Date: 8.OCT.2019 14:03:00

備註：峰值輸出功率量測之儀器設備: ETSTW-RE 055、ETSTW-RE 064。



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7.5 峰值傳導輸出功率之限制值規定

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.2 (1)節之規定，

(1) 操作於2400 MHz～2483.5 MHz 者

(A) 至少使用75 個跳頻頻道之跳頻系統：1 W(含)以下。

(B) 除(A)外，依 3.10.1.6 (1)(A)(a)之跳頻系統：0.125 W(含)以下。

(C) 數位調變技術系統：1 W(含) 以下。

8 天線增益之要求

8.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.3 (1)(3)節之規定:

進行固定式點對點操作時，應符合下列情形之一：

(1) 操作於2400 MHz～2483.5 MHz 頻段：

- (A) 進行固定式點對點操作時，其發射天線之方向性增益超過6 dBi，每超過3 dBi，最大傳導輸出功率限制值應降低1 dB。
- (B) 天線以多向波束發射方式(含同時發射或循序發射)將訊號導向多個接收機或接收機群組時，應符合下列規定：
 - (a) 非同時發射多向波束者，所有載波或頻道傳輸至所有天線陣列或陣列群之總和傳導輸出功率應符合3.10.1.2 之功率限制值。如天線/天線陣列群之方向性增益超過6 dBi，每超過3 dBi，總和傳導輸出功率限制值應降低1 dB。方向性增益值應計算如下：
 - (i) 方向性增益值= $10\log(\text{天線陣列之單元數目}) + \text{各單元中最高之方向性增益值}$ 。
 - (ii) 天線陣列間之遮蔽效應或波束干涉損失能充分佐證時，方向性增益得低於(i)計算數值。
 - (b) 同時發射多向波束於相同或不同頻道者，其每一波束功率應符合(a)之功率限制值。如發射波束有重疊現象，功率應降低，以確保總和傳導輸出功率符合(a)之限制值。同時發射的所有波束總和傳導輸出功率不大於(a) 總和傳導輸出功率限制值加8 dB。方向性增益值計算同(a)。
 - (c) 發射機之天線具備單向波束功能者，應符合(1)(A)及(3)後段之規定。

(3) 除(1)及(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。

8.2 天線增益

此產品天線規格為(1)BT: PCB Antenna / 1.82 dBi; (2)Zigbee: Dipole Antenna / 1.05 dBi。

(天線廠牌 / 型號：(1)RadiNa Co., Ltd / Plus-Mash; (2)鑫鈺電子有限公司 / AN2400-YX4801RS)

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9 頻帶邊緣之量測

9.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.5節及 2.7、2.8節之規定。

9.2 測試方法

一、藍牙發射器之頻譜分析儀設定如下：

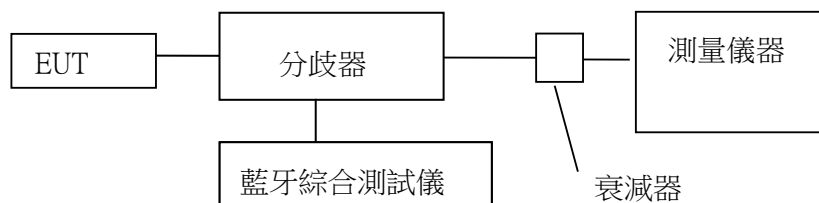
1. 頻率掃描範圍足以涵蓋操作在最靠近頻帶邊之頻道的發射波峰位準以及任何落於許可頻帶外之調變產物。
2. 解析頻寬大於1%頻率掃描範圍寬度，視訊頻寬不小於解析頻寬。
3. 掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留 (Max Hold)。
4. 將標記設定於在頻帶邊緣上的發射，或將標記設定於最大之頻帶外調變產物上若其位準大於頻帶邊上的發射。
5. 啟動標記差值之功能，利用標記至波峰功能 (Marker to Peak) 功能以標記頻帶內發射之波峰，所顯示之標記差值必須符合指定之限制值。
6. 利用相同的儀器設定，使受測物操作於跳頻功能。
7. 以上述相同的步驟決定由跳頻功能所產生的任何混附波是否亦符合規定之限制值。

二、Low Energy發射器之測試方法：

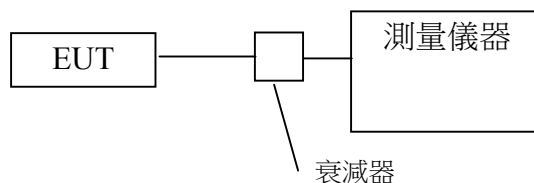
設定解析頻寬為100kHz，視訊頻寬大於解析頻寬，所有頻帶邊緣之發射必須比許可頻段中之最高發射至少低 20dB。

9.3 頻帶邊緣之測試配置

一、藍牙發射器之測試配置：



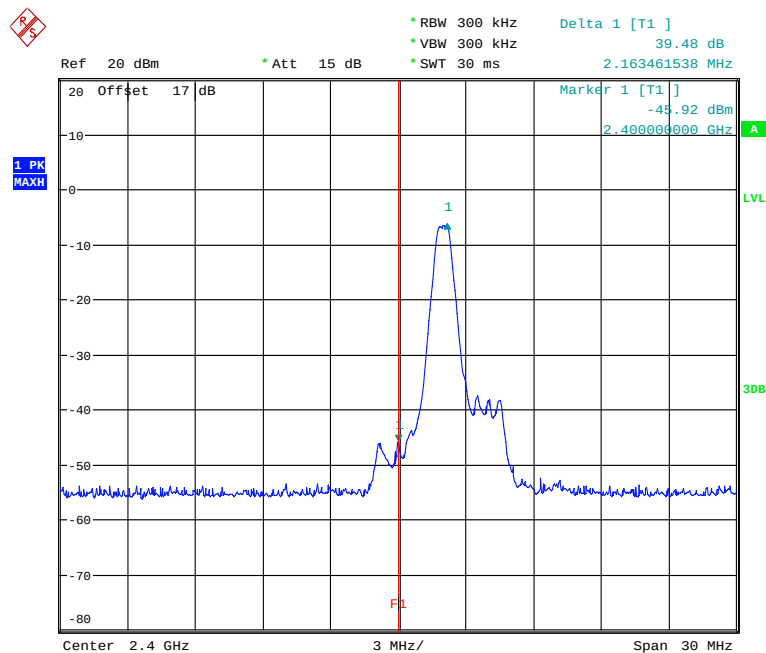
二、Low Energy 發射器之測試配置：



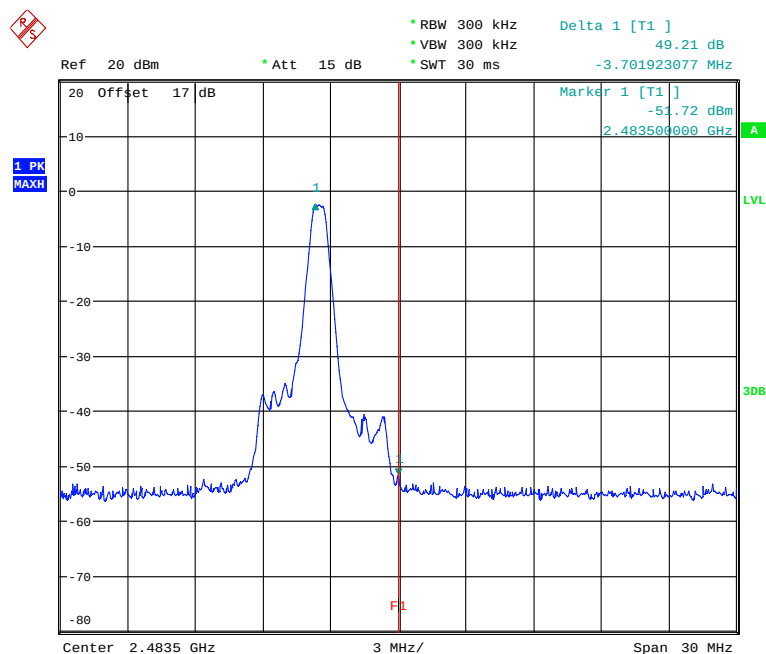
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9.4 頻帶邊緣之量測結果

Normal mode



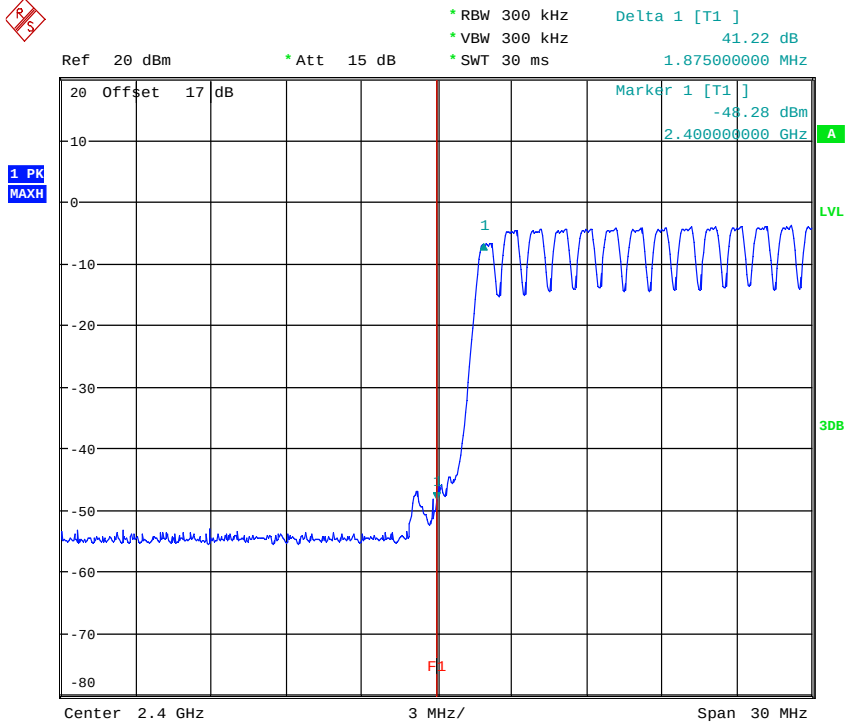
BANDEDGE CH0
Date: 8.OCT.2019 17:31:01



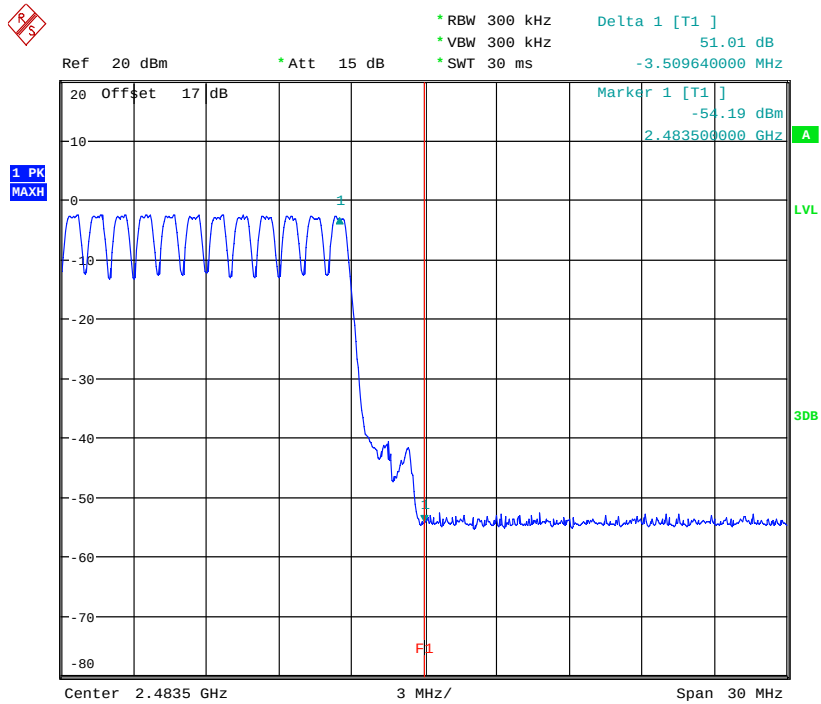
BANDEDGE CH78
Date: 8.OCT.2019 17:33:17



今慶科技股份有限公司



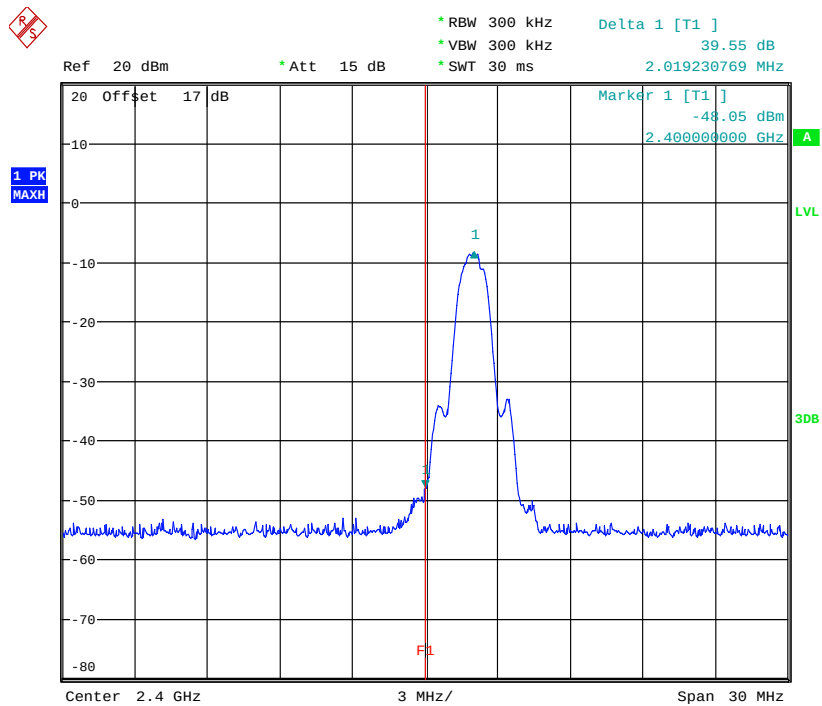
BANDEDGE CH0 HOPPING MODE
Date: 8.OCT.2019 19:45:14



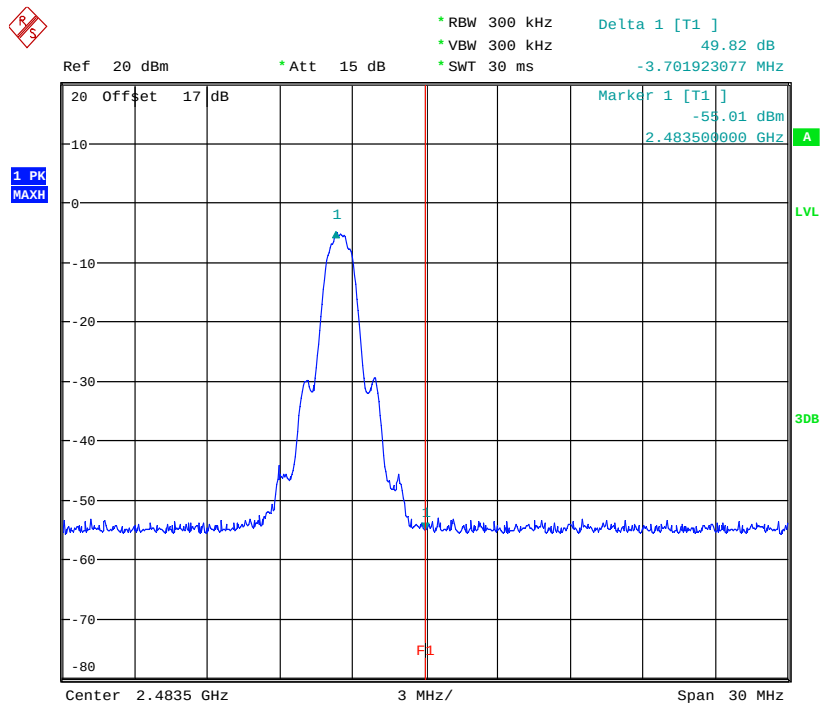
BANDEDGE CH78 HOPPING MODE
Date: 8.OCT.2019 19:45:54



今慶科技股份有限公司
EDR mode



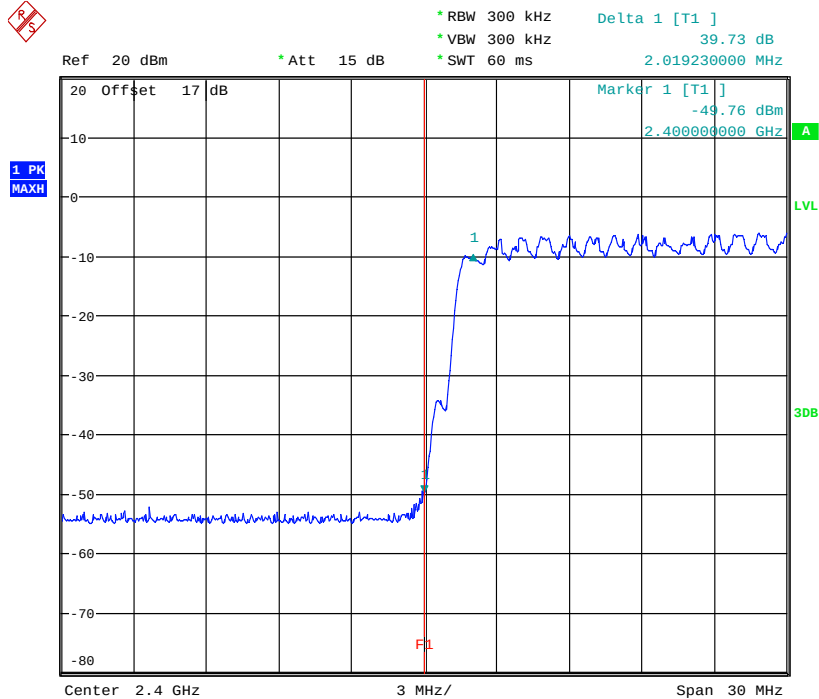
BANDEDGE CH0 EDR MODE
Date: 8.OCT.2019 17:42:17



BANDEDGE CH78 EDR MODE
Date: 8.OCT.2019 17:47:01

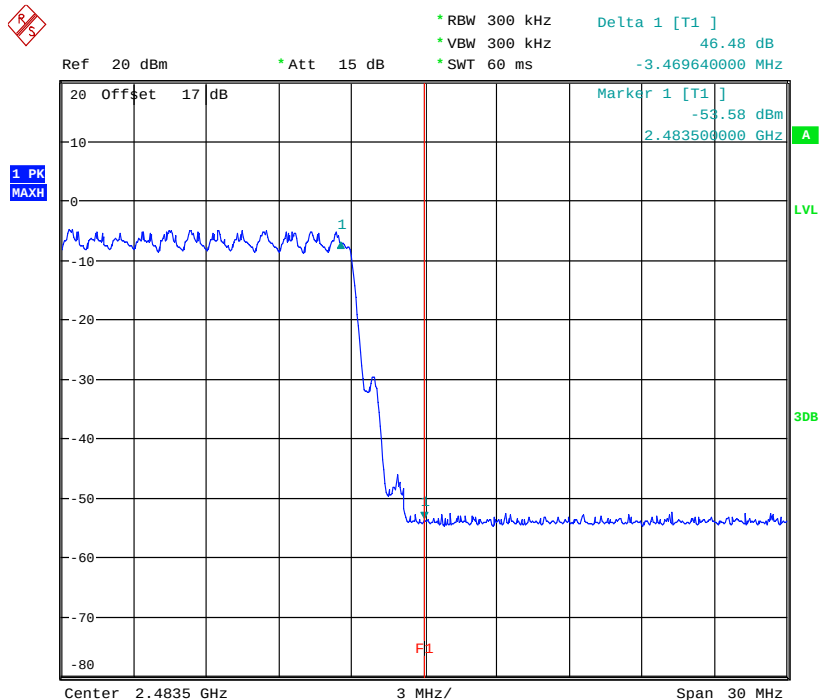


今慶科技股份有限公司



BANDEDGE CH0 EDR HOPPING MODE

Date: 8.OCT.2019 17:49:25

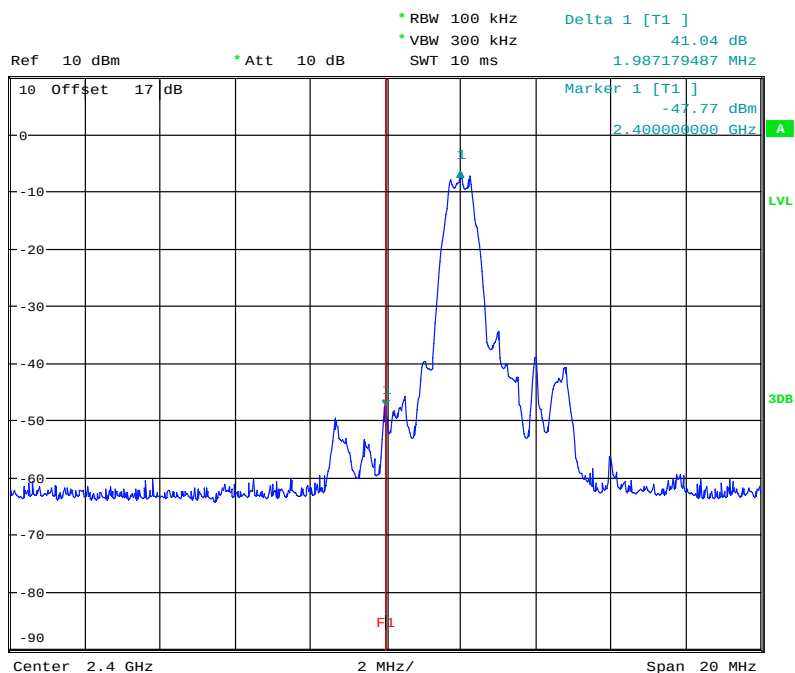


BANDEDGE CH78 EDR HOPPING MODE

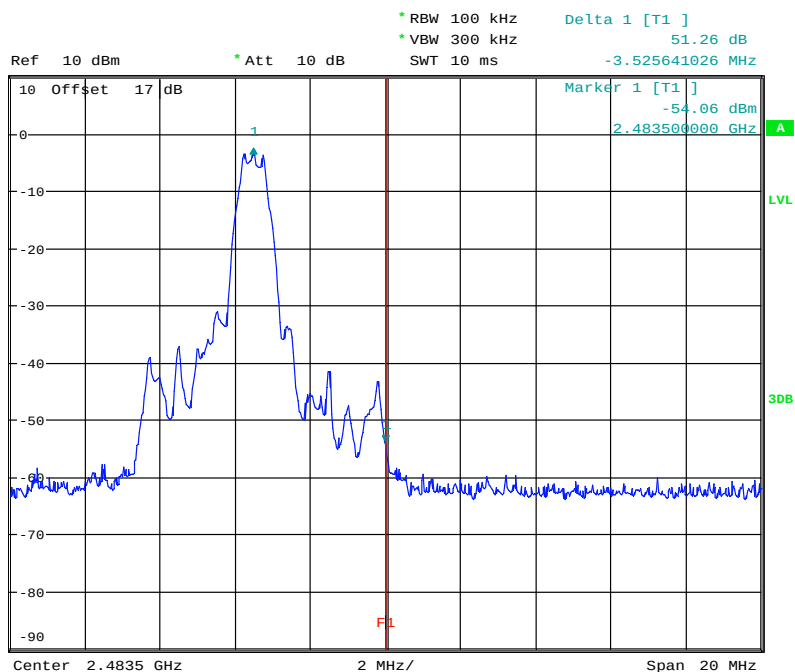
Date: 8.OCT.2019 17:51:09



Low engery mode



Date: 8.OCT.2019 19:37:04

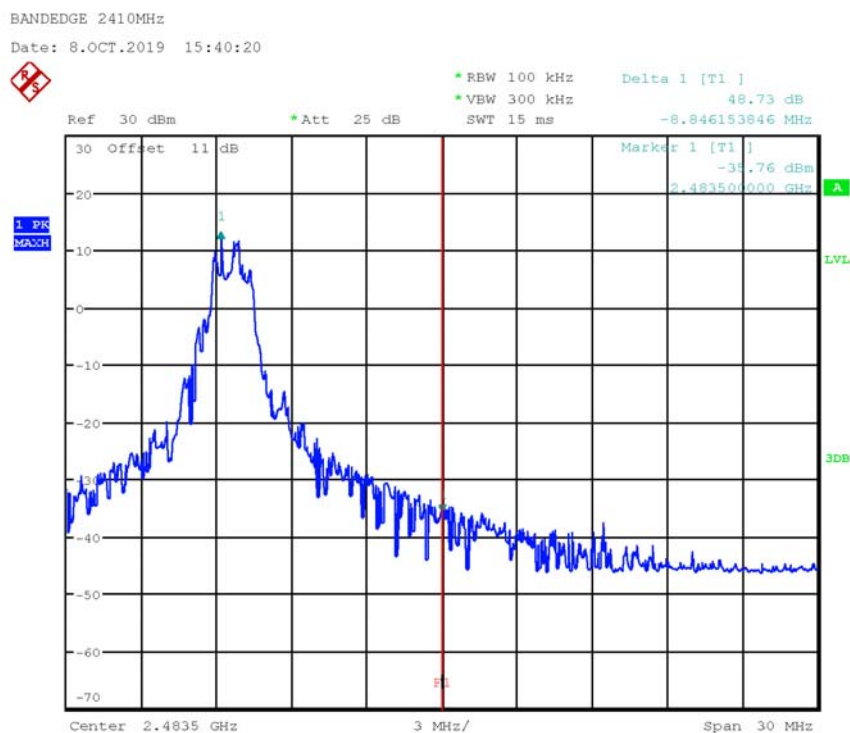
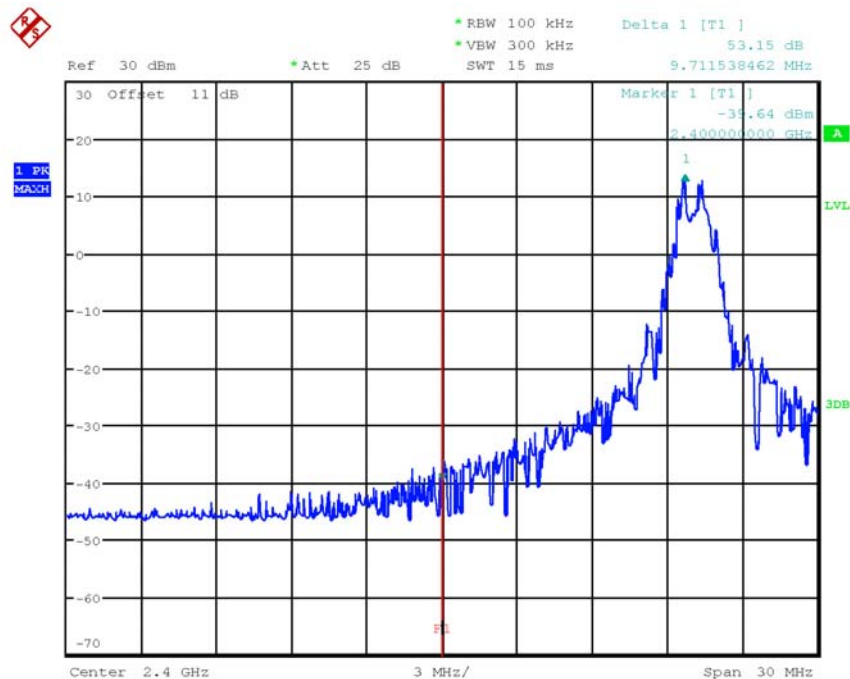


Date: 8.OCT.2019 19:40:22



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Zigbee



BANDEDGE 2475MHz
Date: 8.OCT.2019 15:32:06

備註：頻帶邊緣量測儀器設備: ETSTW-RE 055、ETSTW-RE 064。



9.5 頻帶邊緣之限制值規定

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.5節之規定，帶外發射限制：操作頻帶範圍外之任意100 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 kHz 內的射頻功率，其衰減值限制如下：

(1) 輸出功率以附件二之峰值輸出功率方式測量者，至少須衰減20 dB，可使用射頻傳導或輻射方式測量。(2) 輸出功率以3.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少須衰減30 dB。此外，落於2.7 禁用頻段之輻射發射，應符合2.8 之規定。

10 場強輻射之量測

10.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規 3.10.1.5 節及 2.7、2.8 節之規定。

10.2 測試方法

一、藍牙發射器之頻譜分析儀設定如下：

本測試須以用於受測物何型態的最高增益天線。頻譜分析儀設定如下：

1. 頻率掃描範圍足以完全檢測所欲測量的發射。
2. 解析頻寬對測量頻率不小於1GHz為 1MHz，而小於1GHz為100 kHz，視訊頻寬不小於解析頻寬。
3. 掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留 (Max Hold)。
4. 有關測試發射之最大值，此發射峰值經天線因子、纜線損失與前置放大增益等之校正後即為峰值場強，須符合低功率射頻電機技術規範5.14.2節規定之限制值。
依據國家通訊傳播委員會低功率射頻電機技術規範5.14.2節之規定，除對主波之諧波及次諧波應特別注意外，也應特別注意那些以振盪頻率倍乘而遠離該主波之頻率。各倍頻級之頻率亦須核對。
5. 視訊頻寬設定為10Hz，而儀器其他設定維持不變，此峰值位準經校正後，須符合國家通訊傳播委員會低功率射頻電機技術規範2.8節規定之限制值。
6. 若跳頻信號每個頻道的停留時間小於100ms，則以10Hz視訊頻寬所得的讀值可進一步以工作週期校正因子(Duty Factor)調整，以證明符合國家通訊傳播委員會低功率射頻電機技術規範2.8節規定之限制值。

二、Low Energy發射器之測試方法：

1. 依據量測場地配置圖連接受測物，受測物若使用交流電源，將其與任何配件設備之電源線連接至位於旋轉桌的交流電源。
2. 受測物若使用電池，測試時應裝置新電池或充電完全的電池。
3. 受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。
4. 先在電波暗室中，使用頻譜分析儀或其他可提供頻譜顯示之儀器，設定峰值檢波器功能進行輻射初步測試以決定須作最終測試的頻率點。頻率範圍可依據測量天線的標稱頻率範圍以分段或全段掃描。但不使用視訊濾波。
5. 最後在開放式輻射測試場地，比照初測所決定的測試組態與配置，使用下表指定之檢波器功能針對初測所得的頻率點進行單點詳測，受測物 360 度旋轉找出最大輻射方位，再使測試天線 1 至 4 米掃描，以決定最終的測試結果。

頻率 (MHz)	儀器型態	功能	RBW(6dB)	VBW
30 到 1000	RF Test Receiver	Quasi-Peak	120 kHz	N/A
	Spectrum Analyzer	Peak	100 kHz	100 kHz
1000以上	Spectrum Analyzer	Peak	1 MHz	1 MHz
	Spectrum Analyzer	Average	1 MHz	10 Hz

10.3 場強輻射之測試配置

圖 1：量測頻率低於 1GHz 之測試配置

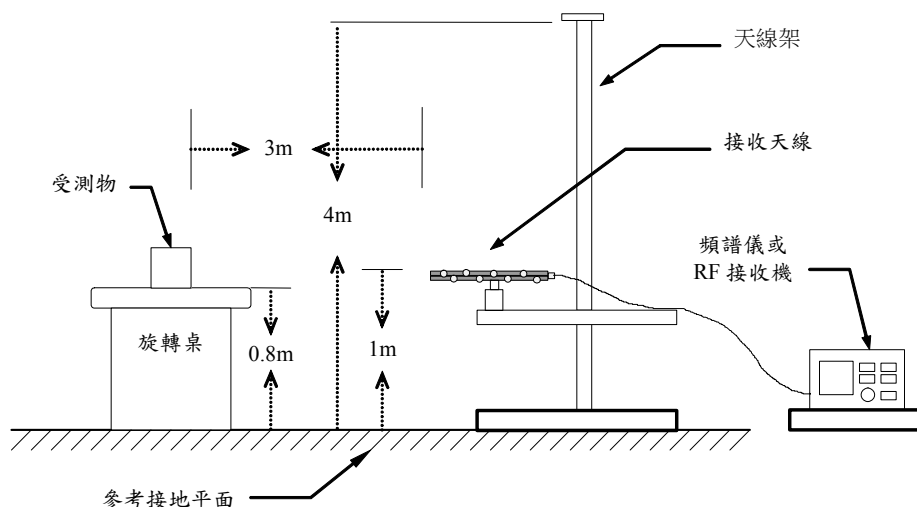
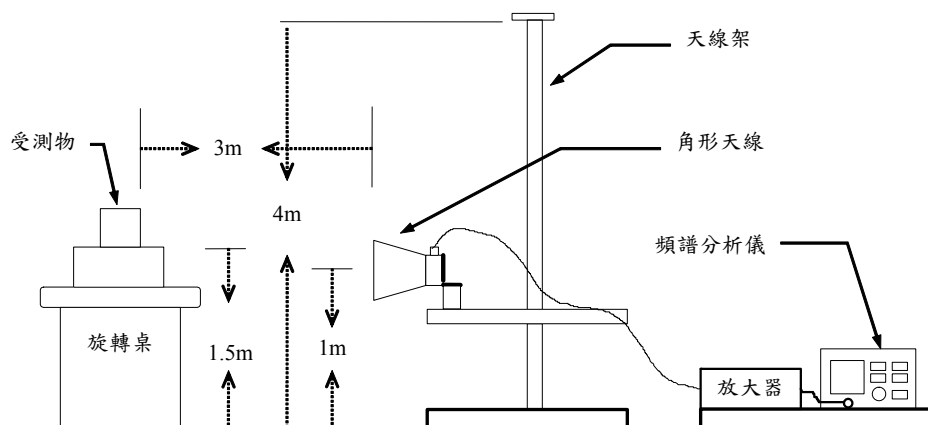


圖 2：量測頻率高於 1GHz 之測試配置



10.4 場強度之計算

場強之計算公式如下：

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）



10.5 場強輻射之量測結果

Model: +MESH

Date: --

Mode: --

Temperature: -- °C

Engineer: --

Polarization: Horizontal

Humidity: -- %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Frequency (MHz)	Reading(dBuV)		Factor (dB)	Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.	Corr.	Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Frequency (MHz)	Reading (dBuV)		Factor (dB)	Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.	Corr.	Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

備註：

1. 上列為 Mode 1 ~ Mode 4 之量測結果。經整體初測評估後，上列量測結果為最大干擾值模式，故僅列出上列量測結果。
2. 若以峰值檢測功能測量之值符合平均值限制值（即餘裕度乃量測之準峰值相對於平均值限制值），則可視同以平均值功能測量之值亦符合平均值限制值，在此以標記“--”表之。
3. 繪圖資料請參考附件。
4. 場強輻射量測儀器設備: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 042, ETSTW-RE 030。



10.6 場強輻射之限制值規定

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.5節之規定，帶外發射限制：操作頻帶範圍外之任意100 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 kHz 內的射頻功率，其衰減值限制如下：

(1) 輸出功率以附件二之峰值輸出功率方式測量者，至少須衰減20 dB，可使用射頻傳導或輻射方式測量。(2) 輸出功率以3.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少須衰減30 dB。此外，落於2.7 禁用頻段之輻射發射，應符合2.8 之規定。

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11 載波頻率間隔之量測

11.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範 3.10.1.6 (1)(A)節規定。

11.2 測試方法

11.2.1 20dB 頻寬之測試方法:

頻譜分析儀設定如下:

1. 頻率掃描範圍約為 20dB 頻寬之2到 3 倍，中心頻率為跳頻頻道。
2. 解析頻寬不小於 20dB 頻寬的1%，視訊頻寬不小於解析頻寬。
3. 掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留 (Max Hold)。
4. 受測物必須以最大資料傳輸率發射，利用記號至波峰 (Mark to Peak)功能以標記發射之波峰。
5. 利用差值記號功能以測量發射之 20dB 頻寬。若該值會因不同操作模式而異，對不同模式重複此測試。

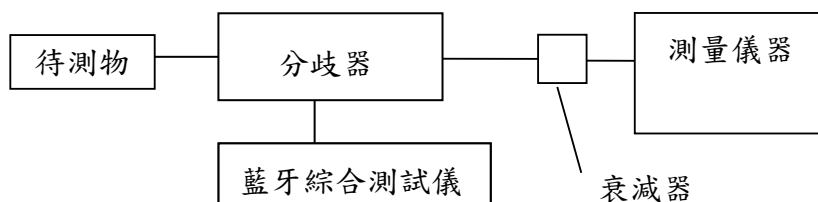
11.2.2 載波頻率間隔之測試方法:

(一) 啟動受測物之跳頻功能。

(二) 頻譜分析儀設定如下:

1. 頻率掃描範圍寬度足以測得兩鄰近頻道之波峰。
2. 解析頻寬不小於 1% 的頻率掃描範圍，視訊頻寬不小於解析頻寬。
3. 掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留 (Max Hold)。
4. 利用差值記號功能以決定兩鄰近頻道波峰之間隔。

11.3 20dB 頻寬與載波頻率間隔之測試配置

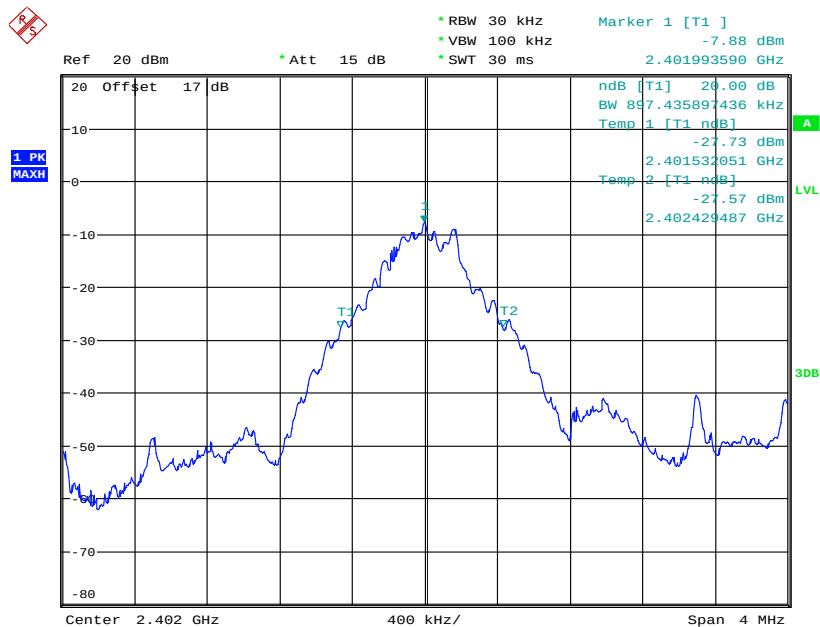


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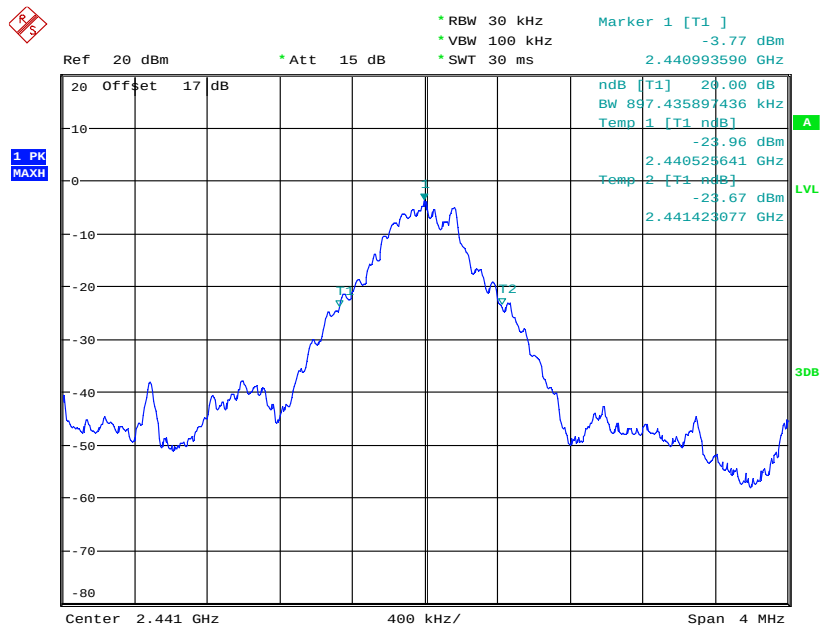
11.4 載波頻率間隔之量測結果

11.4.1 20dB 頻寬之量測結果

Normal mode



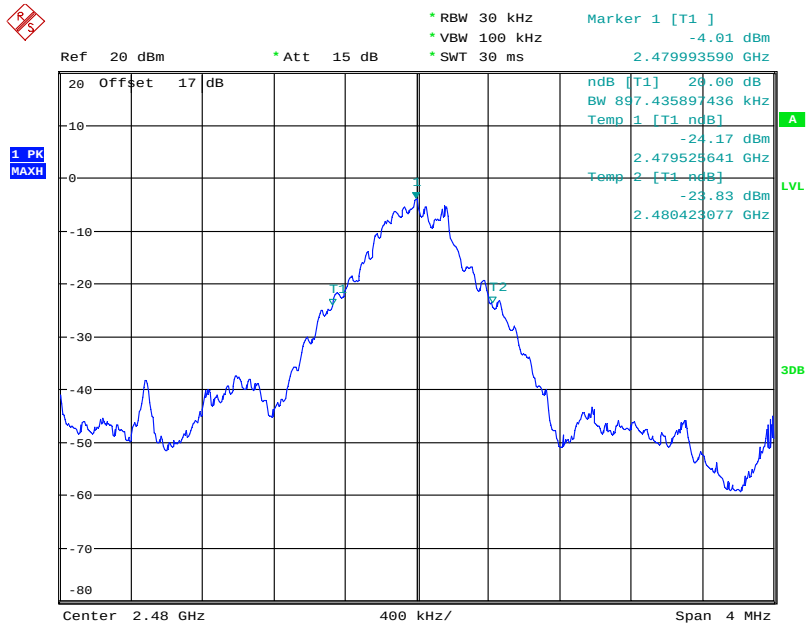
20DB BANDWIDTH CH0
Date: 8.OCT.2019 17:30:49



20DB BANDWIDTH CH39
Date: 8.OCT.2019 17:32:01

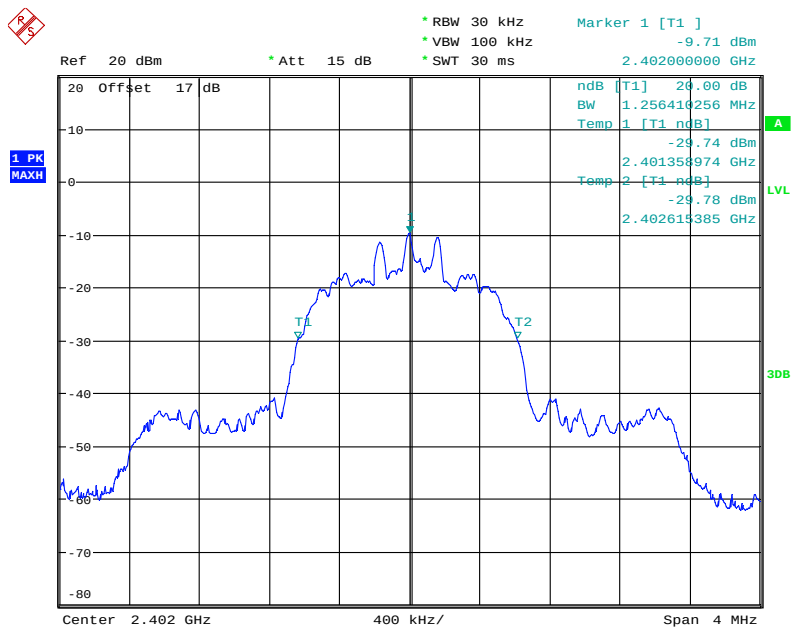


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20DB BANDWIDTH CH78
Date: 8.OCT.2019 17:33:09

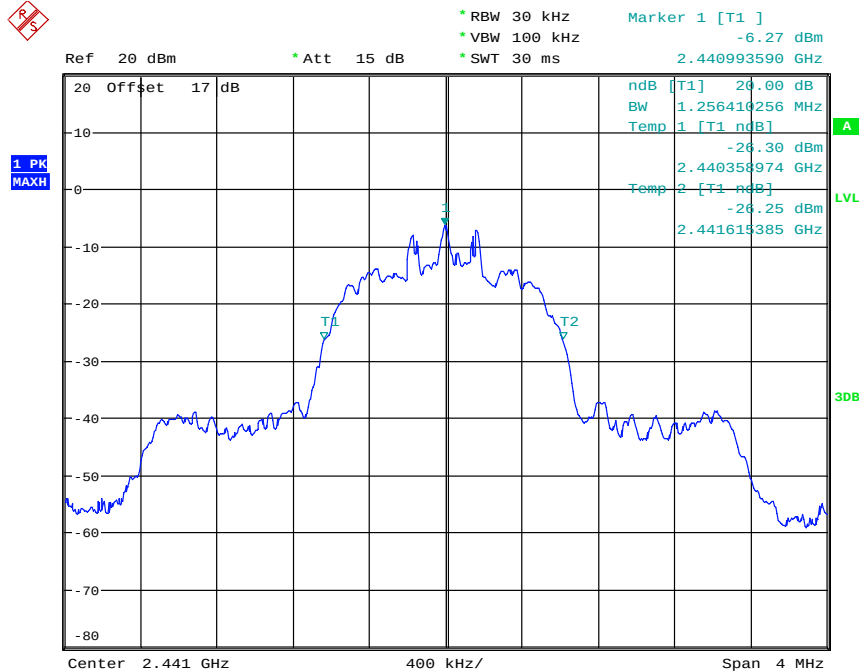
EDR mode



20DB BANDWIDTH CH0 EDR MODE
Date: 8.OCT.2019 17:42:09

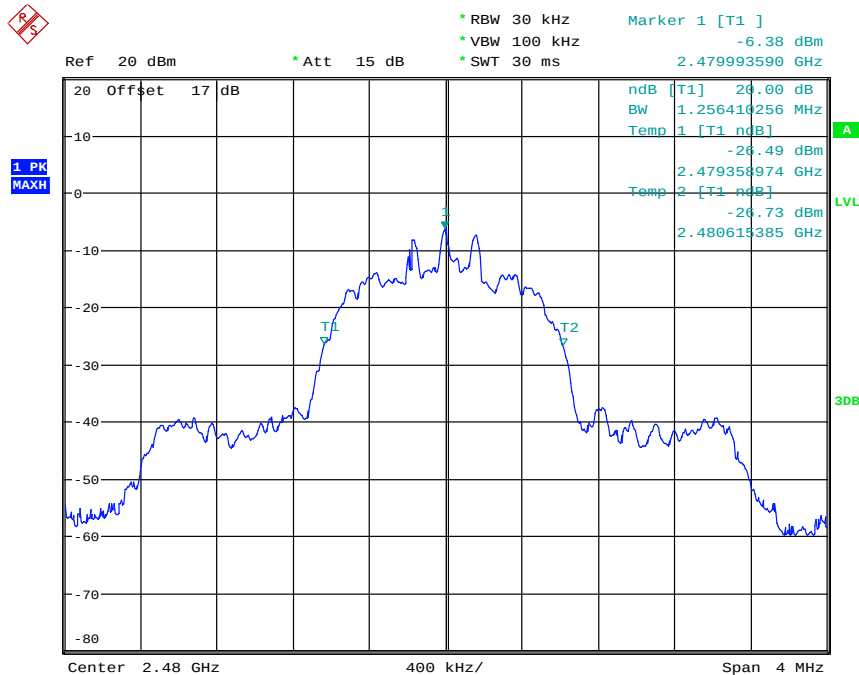


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20DB BANDWIDTH CH39 EDR MODE

Date: 8.OCT.2019 17:46:13

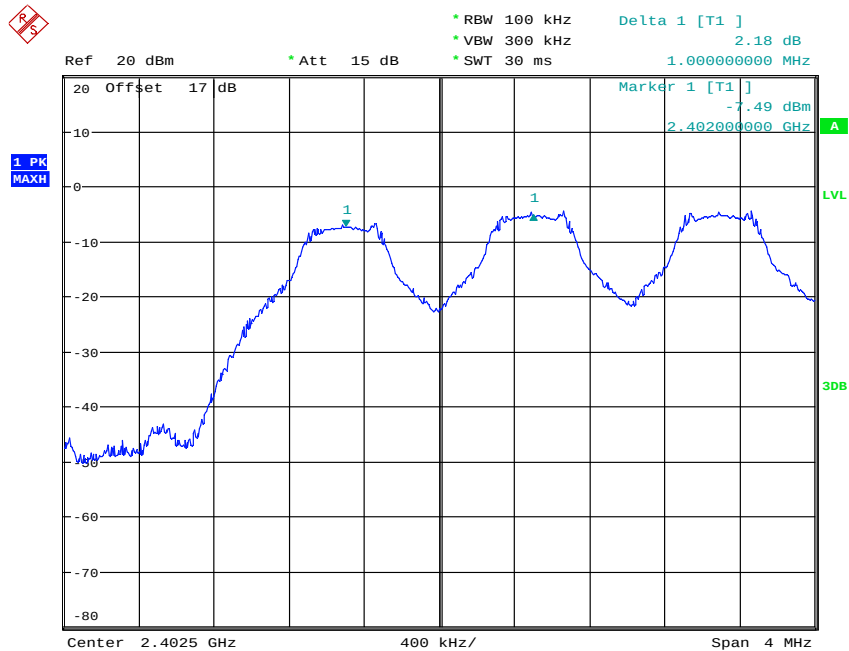


20DB BANDWIDTH CH78 EDR MODE

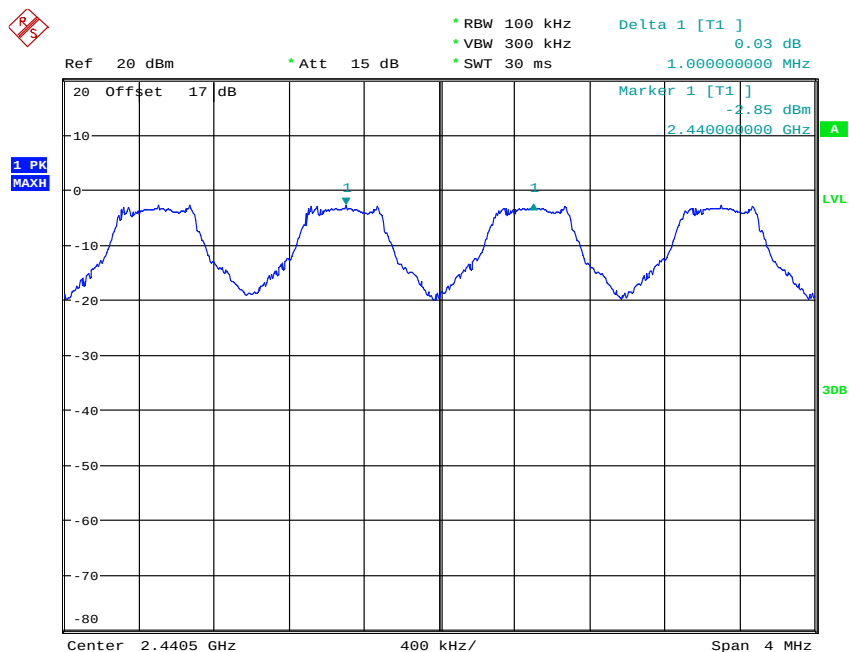
Date: 8.OCT.2019 17:46:49

今慶科技股份有限公司

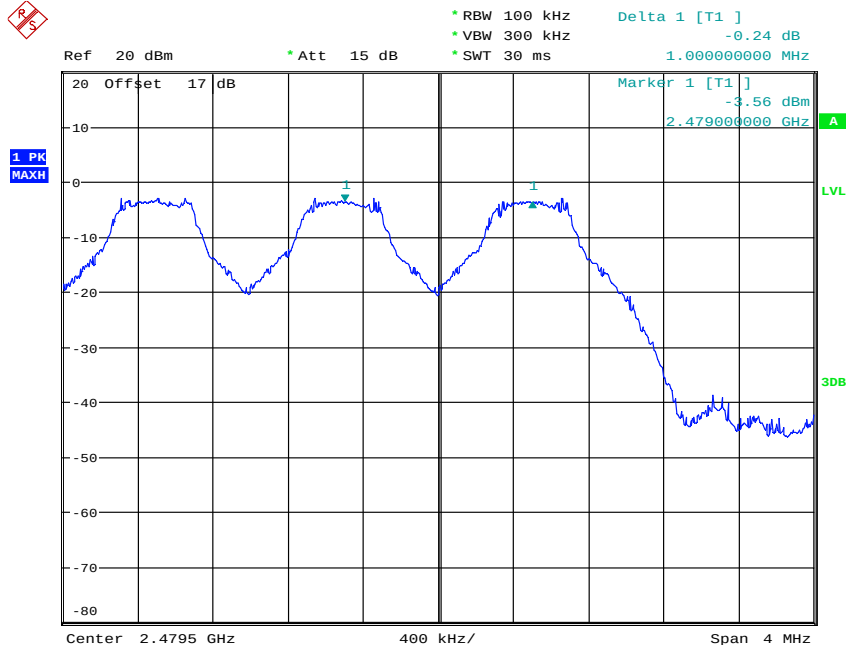
11.4.2 載波頻率間隔之量測結果



FREQUENCY SEPARATION CH0
 Date: 8.OCT.2019 19:47:54



FREQUENCY SEPARATION CH39
 Date: 8.OCT.2019 19:48:38



FREQUENCY SEPARATION CH78
Date: 8.OCT.2019 19:49:26

備註：

1. 由於Normal Mode 與 EDR Mode 之測試結果皆相同，故載波頻率間隔之量測結果僅附 Normal Mode 之量測結果。
2. 載波頻率間隔量測儀器設備: ETSTW-RE 055、ETSTW-RE 064。

11.5 載波頻率間隔之限制值規定

依據國家通訊傳播委員會低功率射頻電機技術規範 3.10.1.6 (1)(A)節之規定，跳頻系統之載波頻率頻道間隔應大於或等於 25 kHz 或跳頻頻道之 20 dB 頻寬，兩者取較寬者。但操作頻率為 2400 MHz～2483.5 MHz 頻段且輸出功率應小於或等於 125 mW 跳頻系統，其載波頻率頻道間隔不得小於 25 kHz 或跳頻頻道 20 dB 頻寬之三分之二，兩者取較寬者。系統之跳頻頻道應依虛擬亂數排列，在各頻率之跳頻頻道上跳躍。每一發射機必須均等的使用每一頻率。系統接收機應具有與發射機跳躍頻道頻寬相匹配之輸入頻寬，且應隨所發射之訊號同步偏移接收頻率。

12 跳頻頻道佔用時間(停留時間)測試之量測

12.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6(1)(A)(a)節規定。

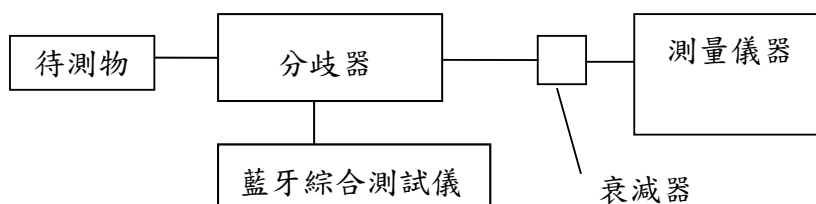
12.2 測試方法

(一) 啟動受測物之跳頻功能。

(二) 頻譜分析儀設定如下:

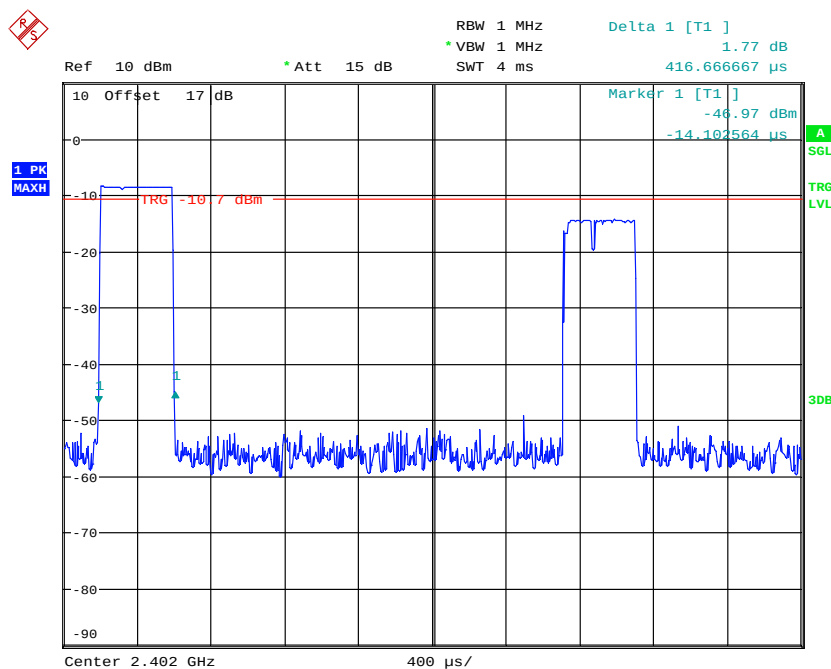
1. 頻率掃描範圍為零，中心頻率為跳頻頻道，解析頻寬為 1MHz，視訊頻寬不小於解析頻寬。
2. 掃描時間為足以測得每一個跳頻頻道之所有停留時間。
3. 檢波功能為峰值，訊號軌跡為最大保留 (Max Hold)。
4. 利用差值記號功能以決定停留時間。若該值會因不同操作模式而異，對不同模式重複此測試。

12.3 跳頻頻道佔用時間(停留時間)之測試配置



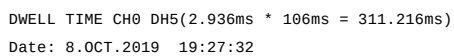
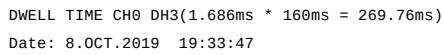
12.4 跳頻頻道佔用時間(停留時間)之量測結果

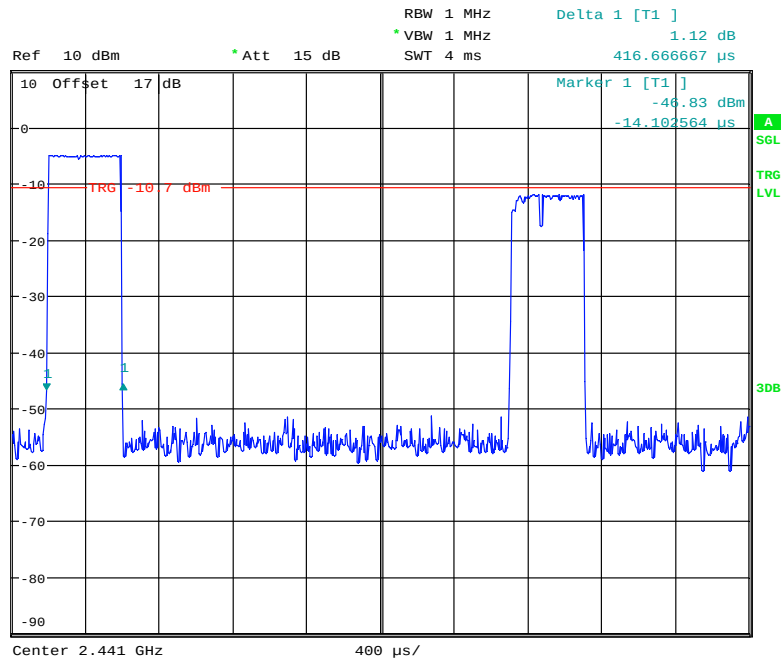
Normal mode



DWELL TIME CH0 DH1(0.417ms * 320ms = 133.44ms)

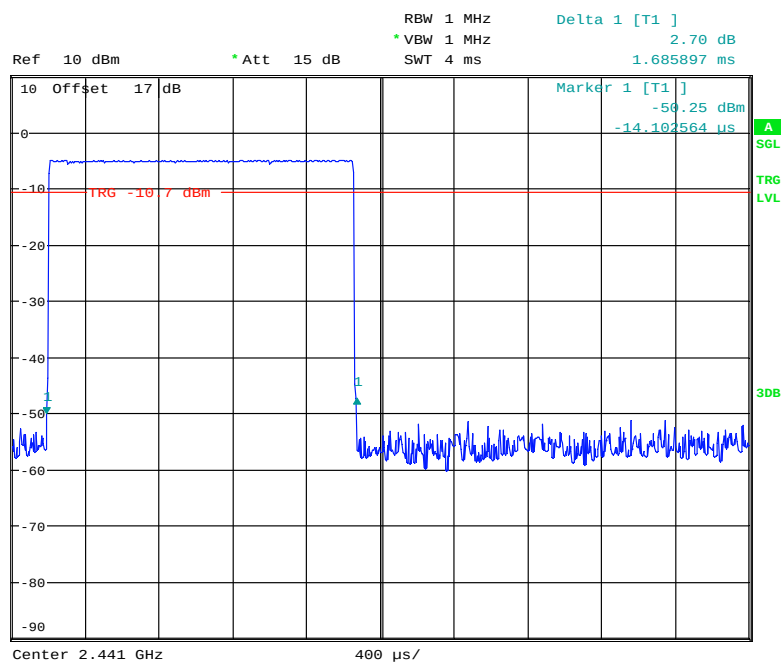
Date: 8.OCT.2019 19:29:00





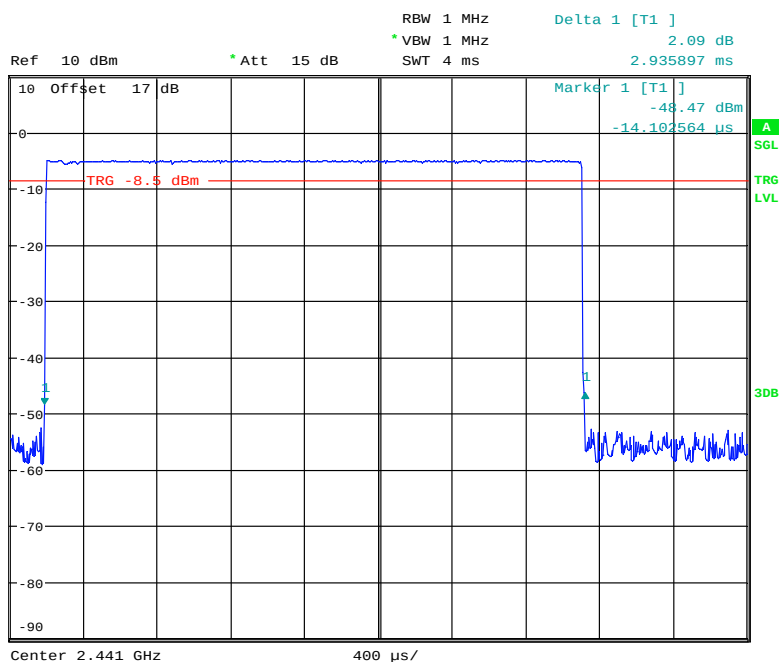
DWELL TIME CH39 DH1(0.417ms * 320ms = 133.44ms)

Date: 8.OCT.2019 19:29:21



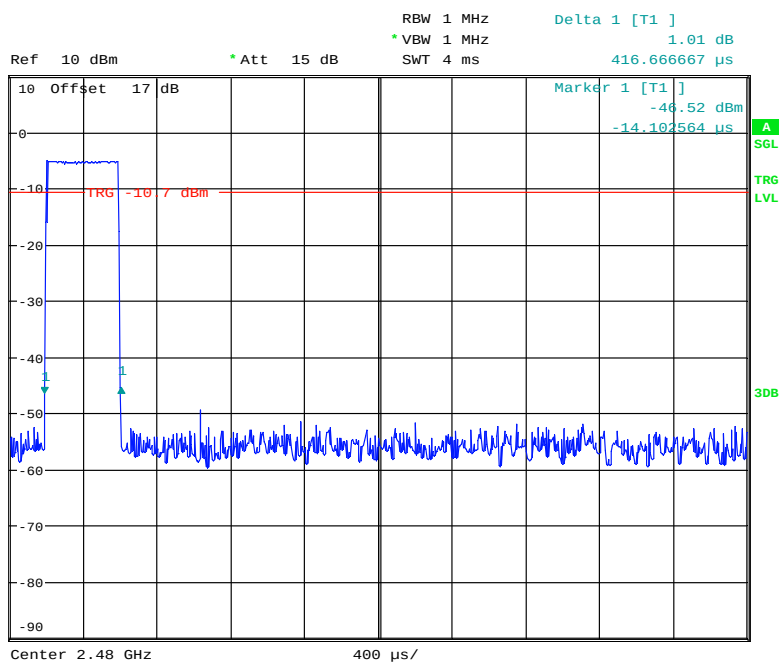
DWELL TIME CH39 DH3(1.686ms * 160ms = 269.76ms)

Date: 8.OCT.2019 19:33:06



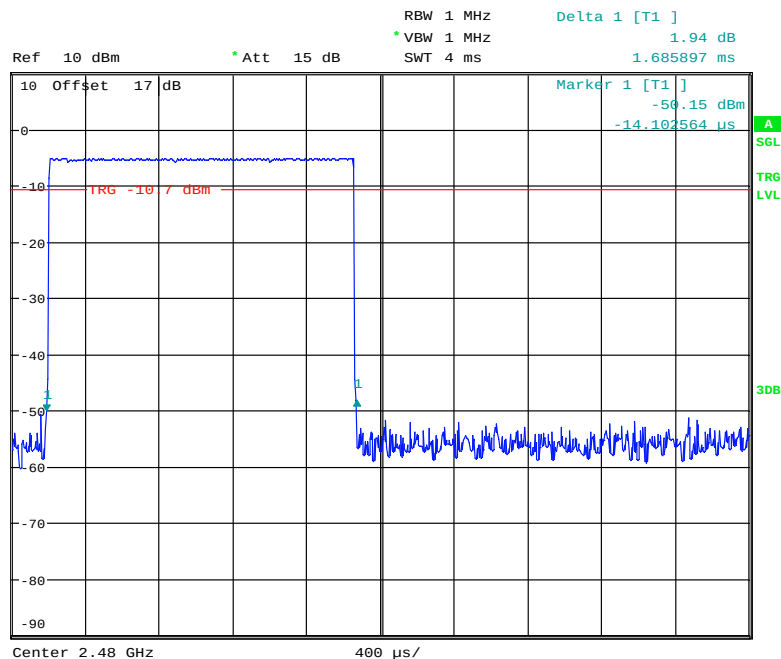
DWELL TIME CH39 DH5(2.936ms * 106ms = 311.216ms)

Date: 8.OCT.2019 19:26:42



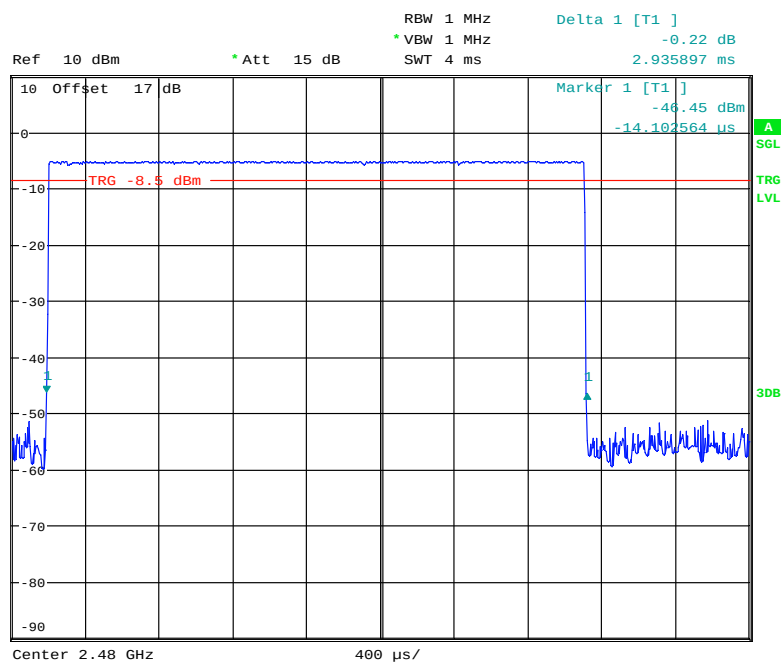
DWELL TIME CH78 DH1(0.417ms * 320ms = 133.44ms)

Date: 8.OCT.2019 19:29:43



DWELL TIME CH78 DH3(1.686ms * 160ms = 269.76ms)

Date: 8.OCT.2019 19:32:35



DWELL TIME CH78 DH5(2.936ms * 106ms = 311.216ms)

Date: 8.OCT.2019 19:26:13

備註：1. 本量測結果為Normal Mode之測試數據，其為經初測評估後，以鑑定停留時間較大之測試模式狀態。

2. 跳頻頻道佔用時間(停留時間)量測儀器設備: ETSTW-RE 055、ETSTW-RE 064。



12.5 跳頻頻道佔用時間(停留時間)之限制值規定

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6(1)(A)(a)節規定：須使用至少15個無重疊的頻道，在0.4秒乘以跳頻頻道數之週期內，任一頻率佔用之平均時間不得超過0.4秒。

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13 發射頻寬之要求

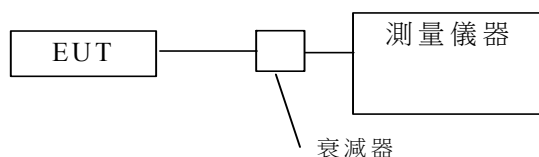
13.1 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6(2)(A)節規定。

13.2 測試方法

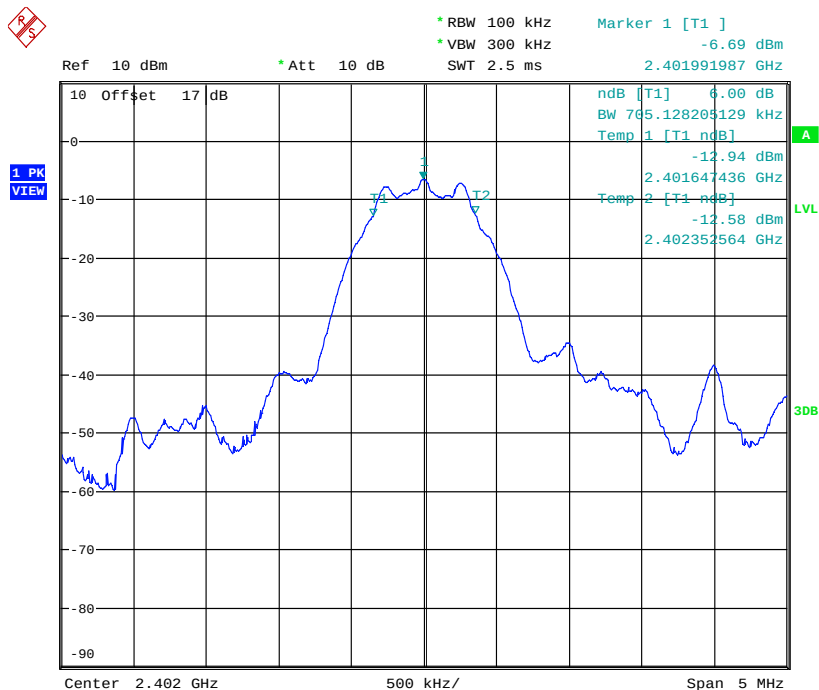
測量時，頻譜分析儀之解析頻寬為 100 kHz，視訊頻寬不小於解析頻寬。為求得精確測量，頻率掃描範圍（Span）遠大於解析頻寬。

13.3 測試配置



13.4 量測結果

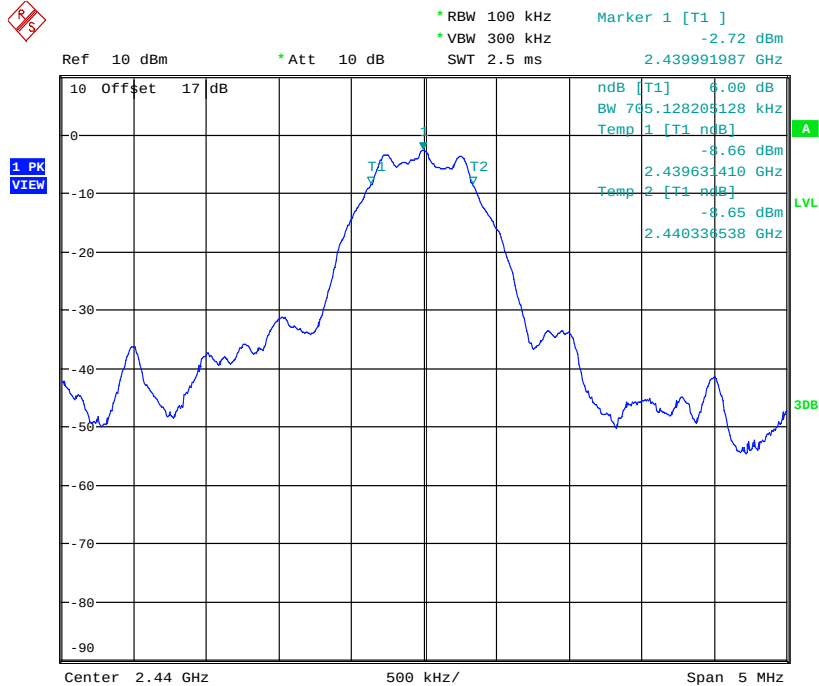
Low energy mode



6DB BANDWIDTH BT4.0 CH00
Date: 8.OCT.2019 19:36:46

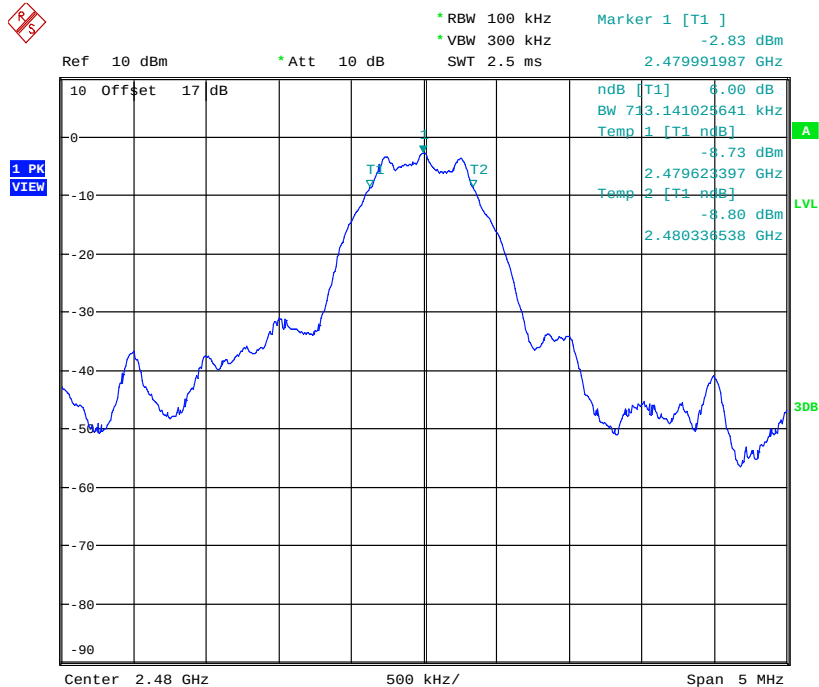


今慶科技股份有限公司



6DB BANDWIDTH BT4.0 CH19

Date: 8.OCT.2019 19:38:30



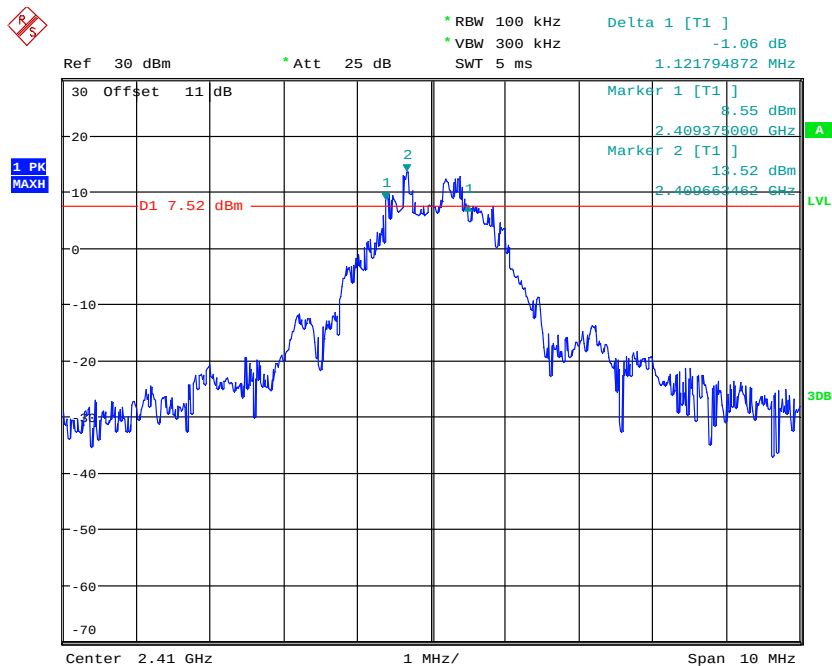
6DB BANDWIDTH BT4.0 CH39

Date: 8.OCT.2019 19:40:04

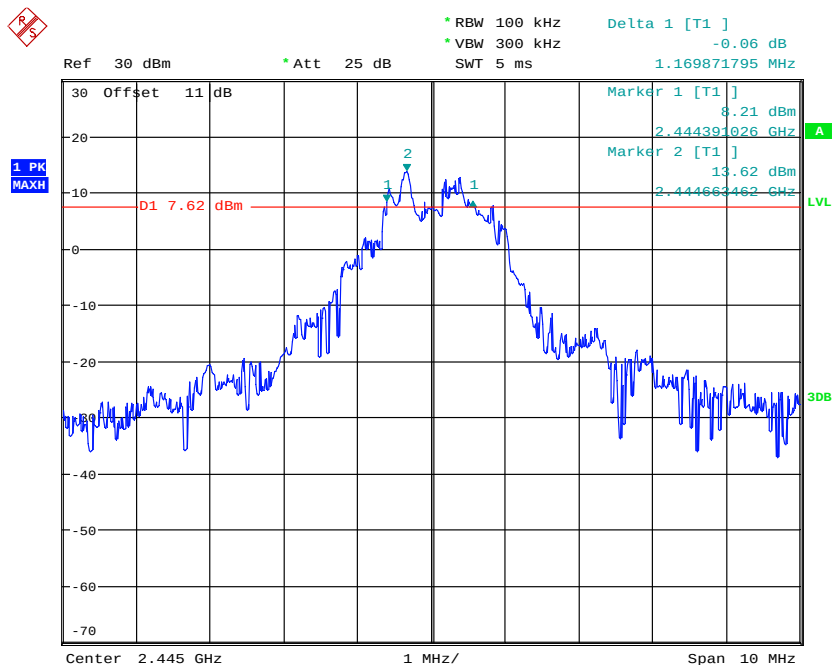


今慶科技股份有限公司

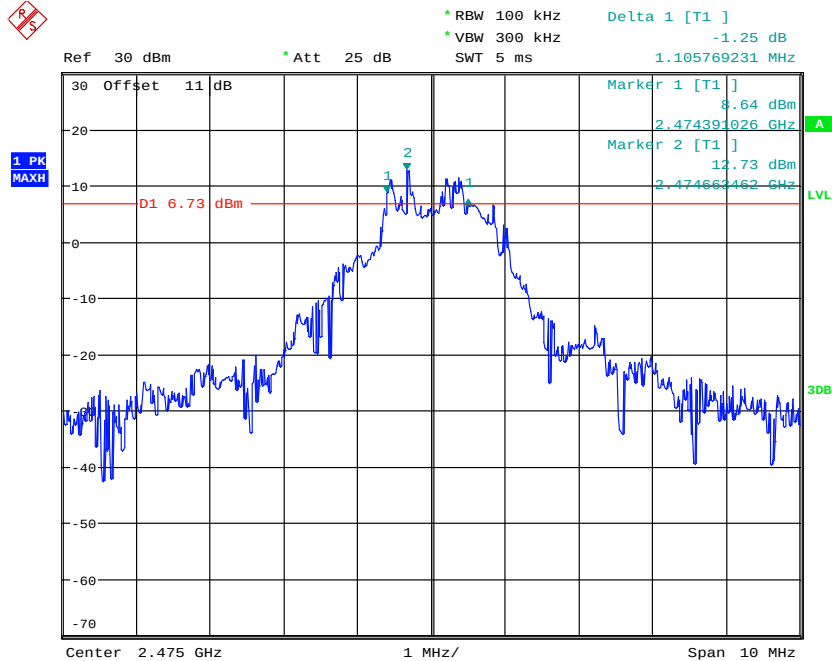
Zigbee



6DB BANDWIDTH 2410MHz
Date: 8.OCT.2019 15:09:17



6DB BANDWIDTH 2445MHz
Date: 8.OCT.2019 14:57:53



6DB BANDWIDTH 2475MHz

Date: 8.OCT.2019 15:23:33

備註：發射頻寬量測儀器設備: ETSTW-RE 055、ETSTW-RE 064。

13.5 發射頻寬之限制值規定

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6(2)(A)節規定：6dB之頻寬至少應有500 kHz。

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14 功率密度之量測

14.1 適用標準

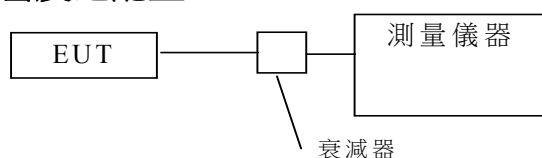
依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6.(2)(B)節規定

14.2 測試方法

將發射機之天線埠經由適當之衰減直接連至測試儀器。找出發射峰值並擴展於通帶內，設定解析頻寬為 3 kHz，視訊頻寬大於解析頻寬，掃描時間為頻率掃描範圍除以 3 kHz。所測得之峰值位準必須不大於+8dBm。

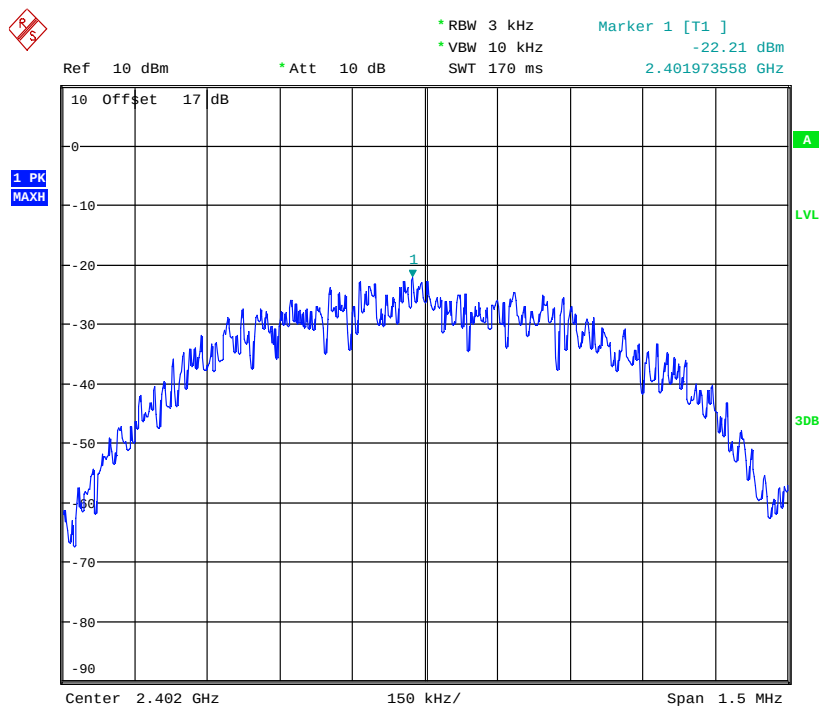
若受測裝置之頻譜線間隔小於 3 kHz，測量時應將解析頻寬降低以使頻譜線間隔大於 3 kHz，所測得之數據再藉加總 3 kHz 頻帶內所有個別頻譜線之功率而標準化至 3 kHz 以決定是否符合規定。

14.3 量測功率密度之配置



14.4 功率密度量測結果

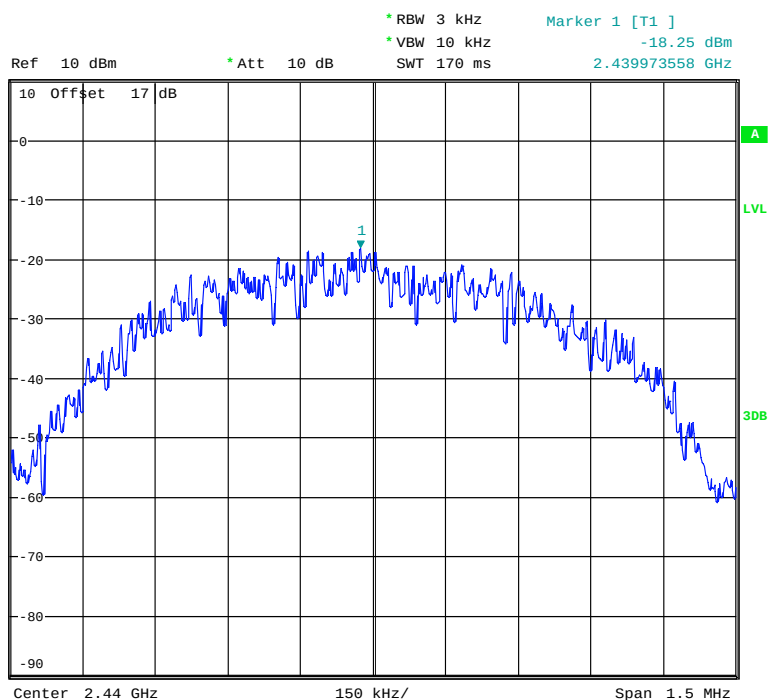
Low energy mode



POWER DENSITY BT4.0 CH00
 Date: 8.OCT.2019 19:36:56

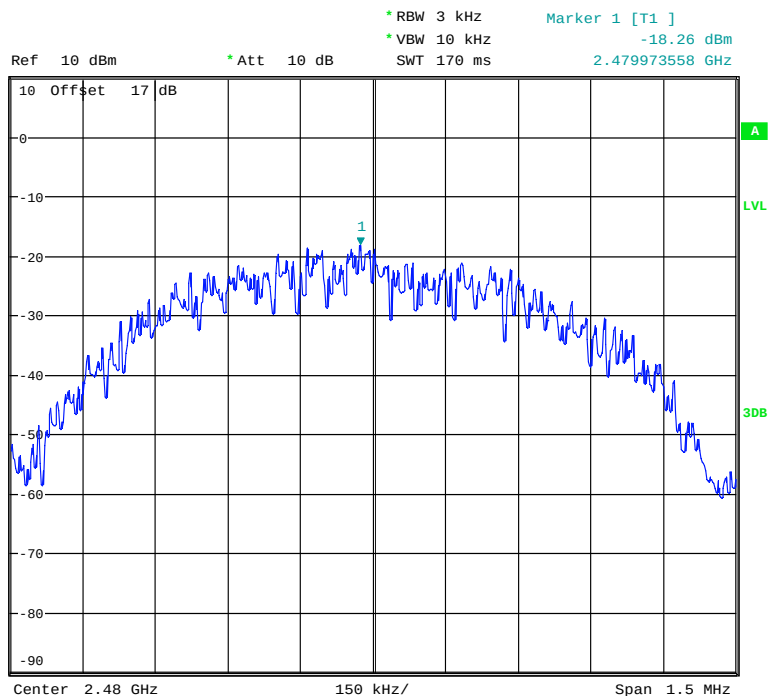


今慶科技股份有限公司



POWER DENSITY BT4.0 CH19

Date: 8.OCT.2019 19:38:41



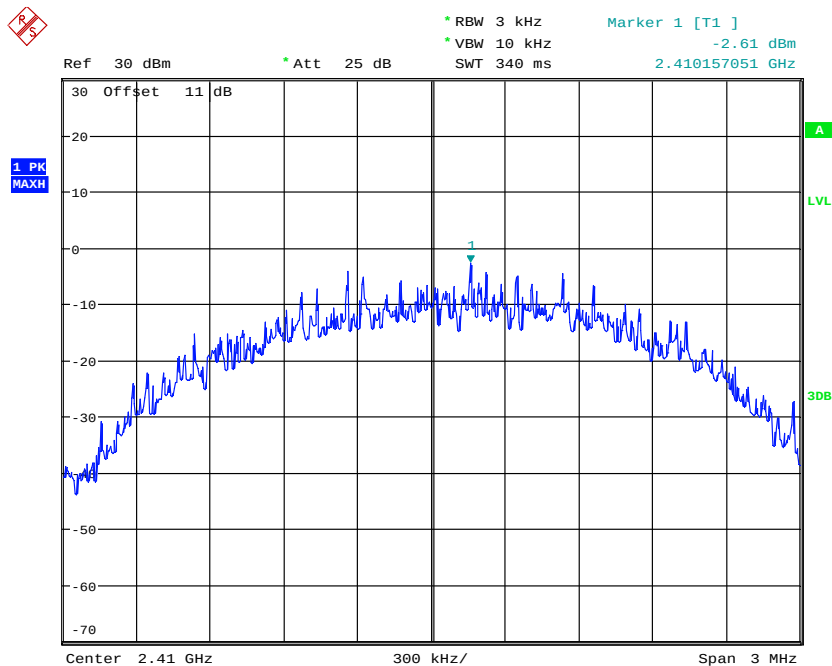
POWER DENSITY BT4.0 CH39

Date: 8.OCT.2019 19:40:14

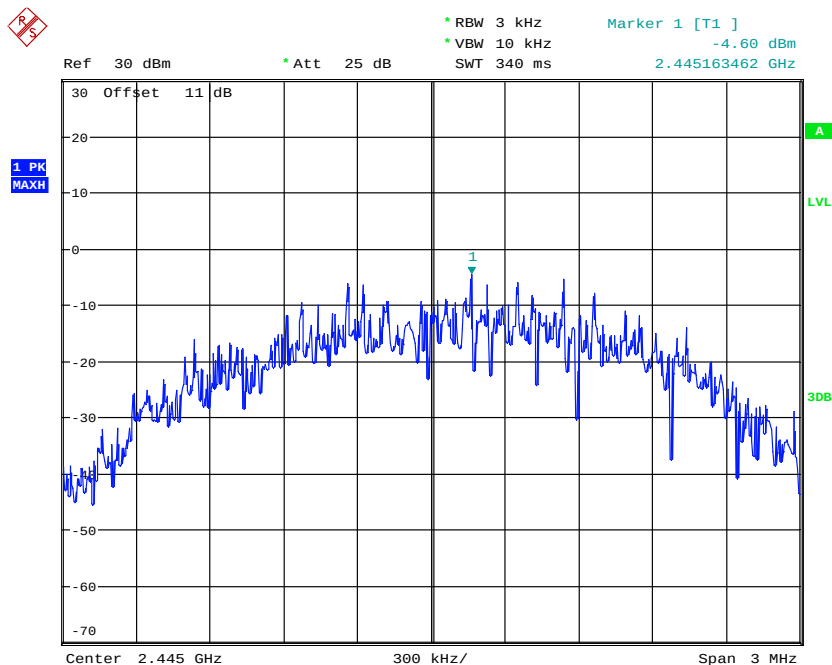


今慶科技股份有限公司

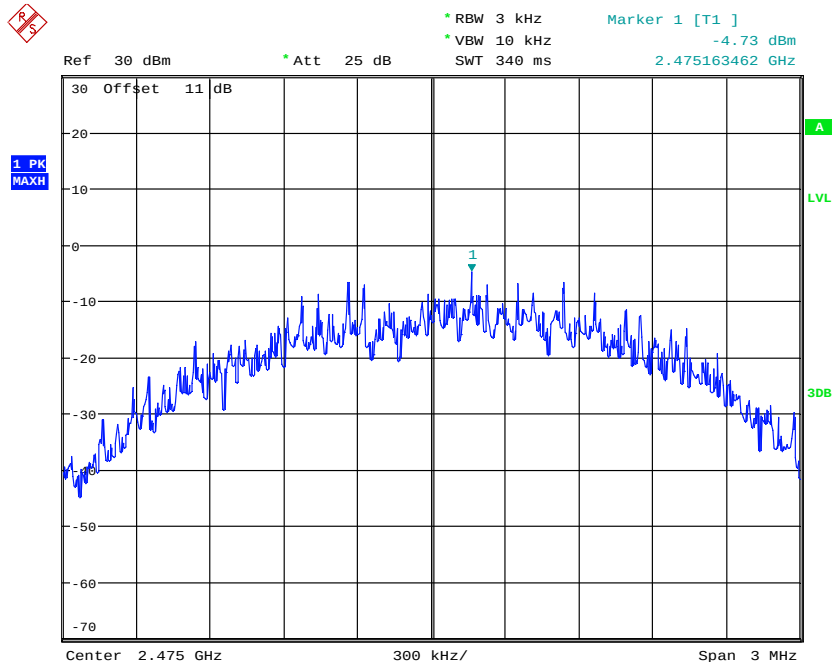
Zigbee



POWER DENSITY 2410MHz
Date: 8.OCT.2019 15:53:20



POWER DENSITY 2445MHz
Date: 8.OCT.2019 16:01:32



POWER DENSITY 2475MHz

Date: 8.OCT.2019 15:58:36

備註：功率密度量測儀器設備: ETSTW-RE 055 ETSTW-RE 064、ETSTW-GSM 023。

14.5 功率密度之限制值規定

依據國家通訊傳播委員會低功率射頻電機技術規範3.10.1.6.(2)(B)節規定：在使用頻率範圍之任一3 kHz 頻寬內，由發射機傳導至天線之功率頻譜密度在任意傳輸期間內，皆小於或等於8 毫分貝(dBm)，且應依3.10.1.3 之方式降低功率頻譜密度限制值。

15 MPE

電波暴露量之評估：各章節中如規定需進行電波暴露量之評估者，應符合以下之要求。
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
(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)。

$$S = \frac{PG}{4\pi R^2}$$

Maximum peak output power at antenna input terminal:	19.96 (dBm)
Maximum peak output power at antenna input terminal:	99.08 (mW)
Antenna gain(maximal):	1.05 (dBi)
Numeric gain:	1.27 (dBi)
Prediction distance:	20 (cm)
Prediction frequency:	2410 (MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1.0 (mW/cm ²)
Power density at prediction frequency:	0.0251 (mW/cm ²)



附件

一、受測物照片及實際量測場地配置照

1. 外部照
2. 內部照
3. 場地照

二、量測掃描圖

場強輻射掃描圖



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場地照

電源傳導測試





Worldwide Testing Services(Taiwan) Co., Ltd.

今慶科技股份有限公司
輻射電場測試

Below 1GHz





今慶科技股份有限公司

Above 1GHz





Radiated Emission Measurement

Operator: Allen

File : 1_BT_TX

Data : #1

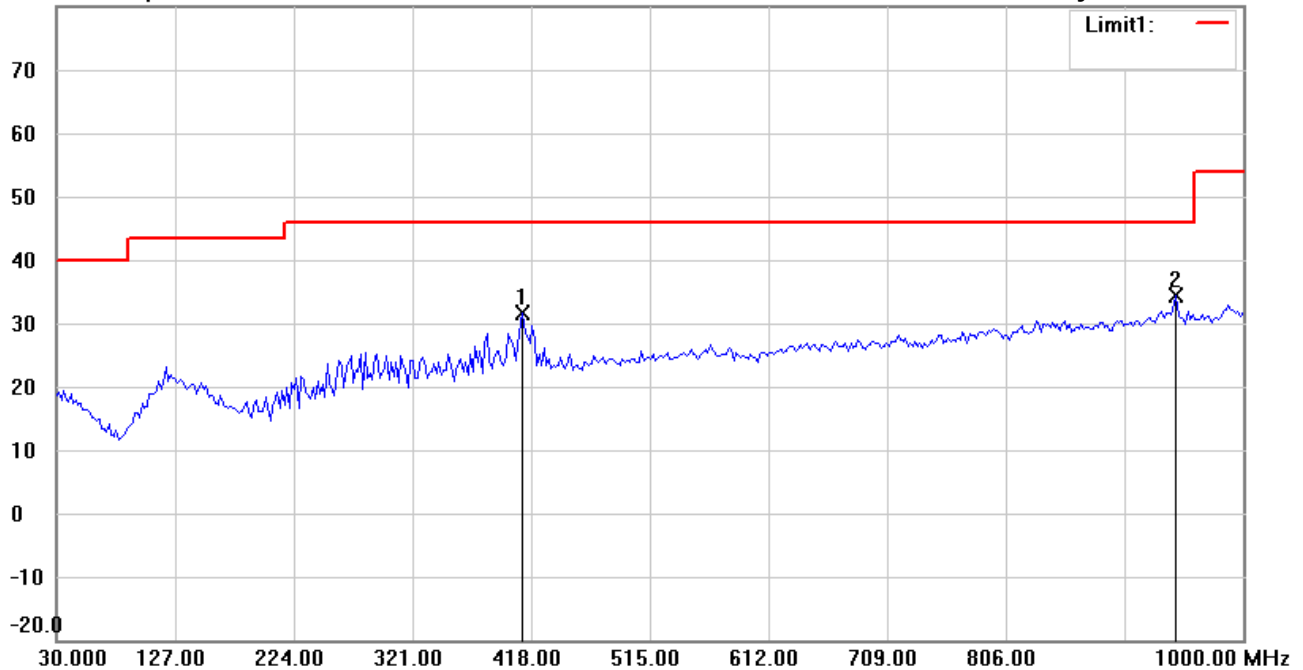
Date: 8/13/2019

Temperature: 29.2 °C

80.0 dBuV/m

Time: 4:02:34 AM

Humidity: 74.7 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

Polarization: *Horizontal*

EUT : W6M21907-19248

Power : 3.7 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2402MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	411.0020	35.51	peak	-3.90	31.61	46.00	100	175	-14.39	
*	945.5711	30.36	peak	4.13	34.49	46.00	100	110	-11.51	



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Radiated Emission Measurement

Operator: Allen

File : 1_BT_TX

Data : #2

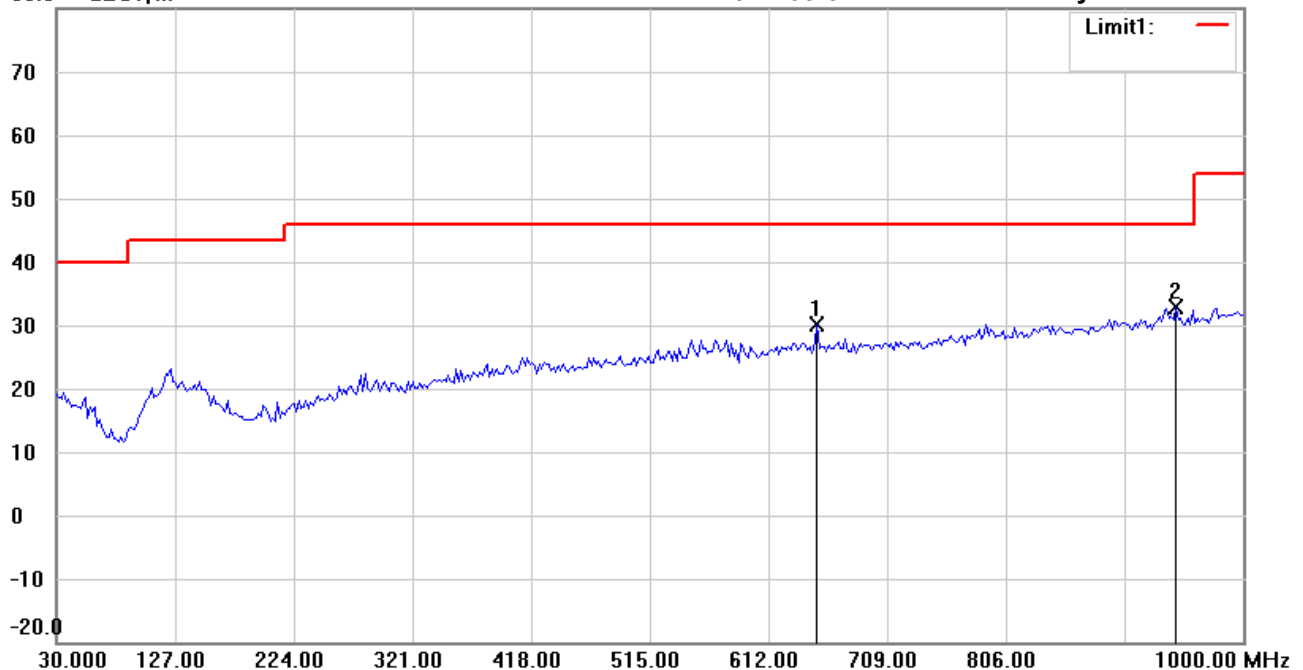
Date: 8/13/2019

Temperature: 29.2 °C

80.0 dBuV/m

Time: 4:03:34 AM

Humidity: 74.7 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	652.0440	30.93	peak	-0.80	30.13	46.00	100	80	-15.87	
*	945.5711	28.83	peak	4.13	32.96	46.00	100	210	-13.04	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

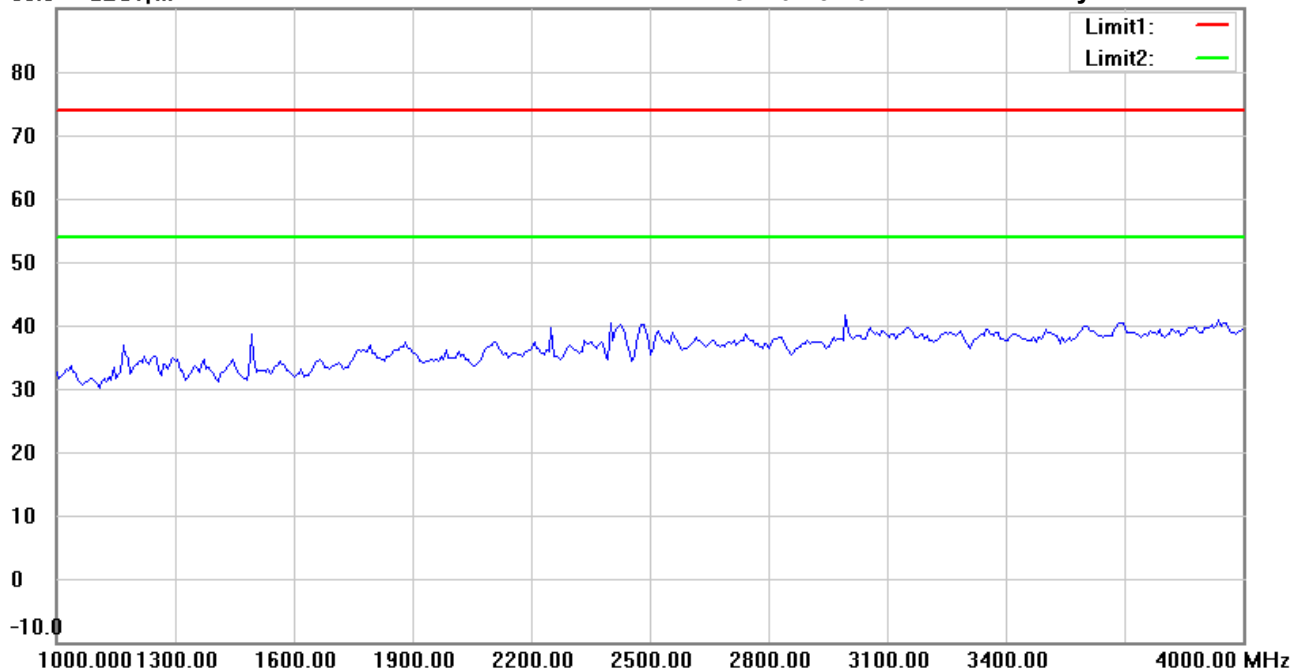
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:13:49 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

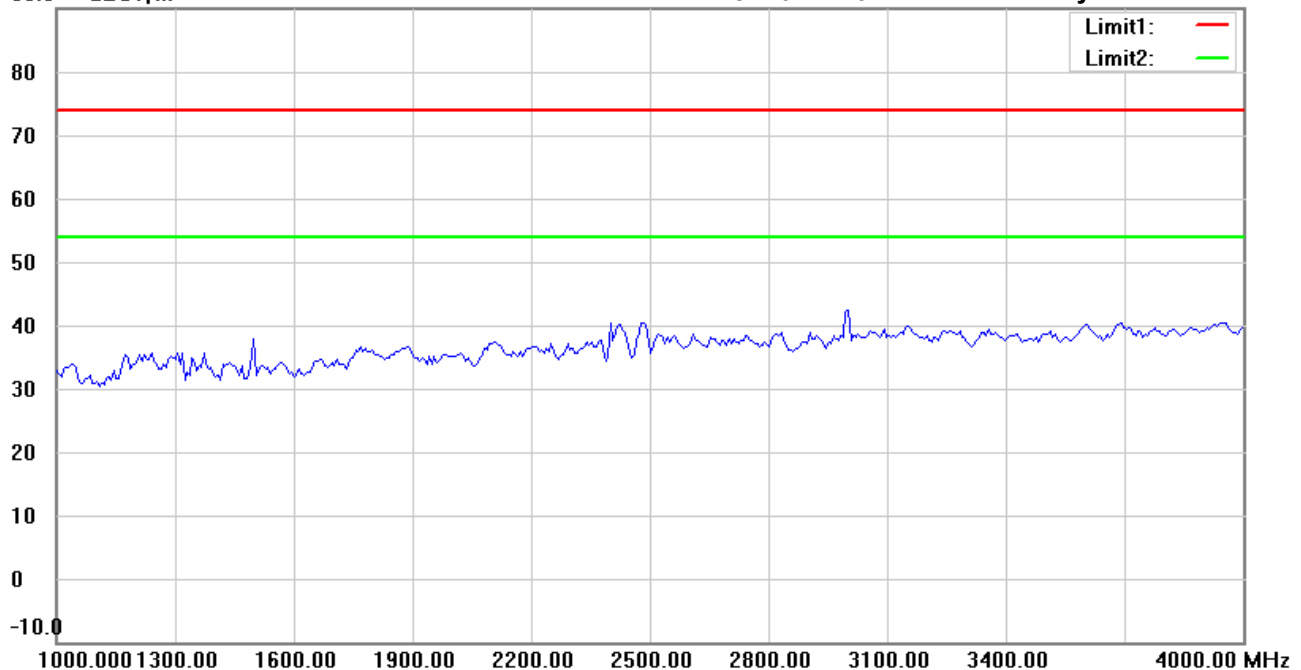
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:17:19 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

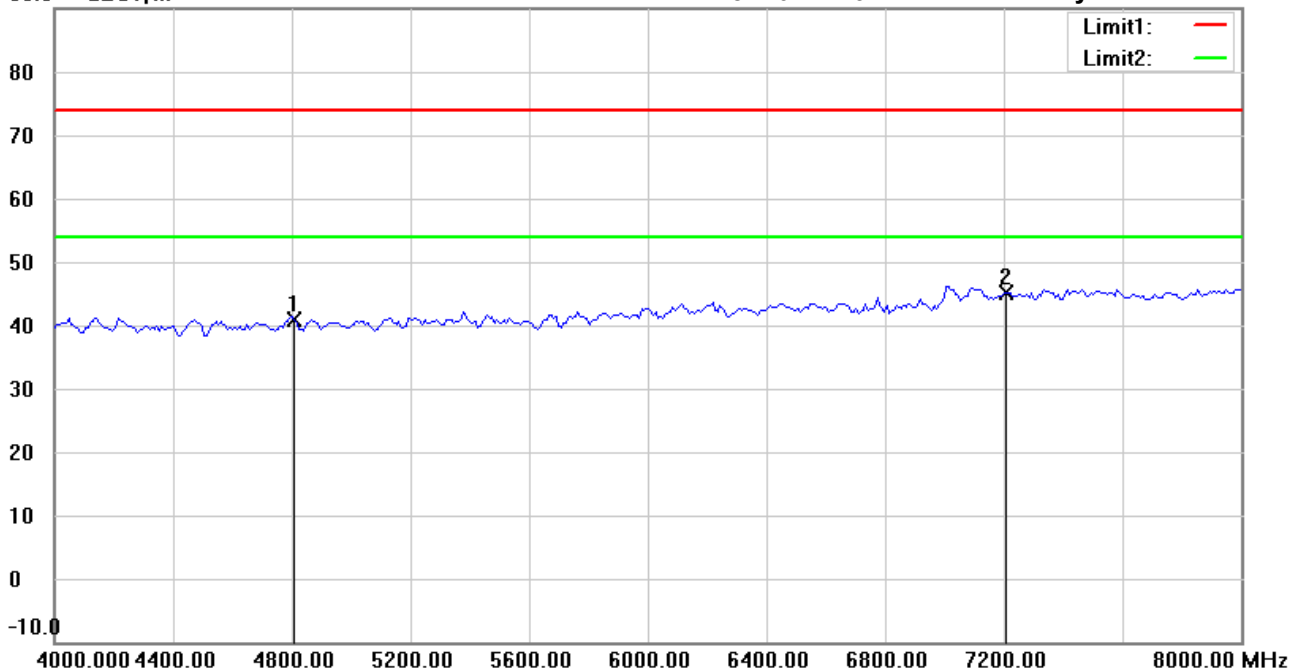
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:14:49 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.91	peak	-1.95	40.96	74.00	150	90	-33.04	
*	7206.000	41.85	peak	3.24	45.09	74.00	150	135	-28.91	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#7

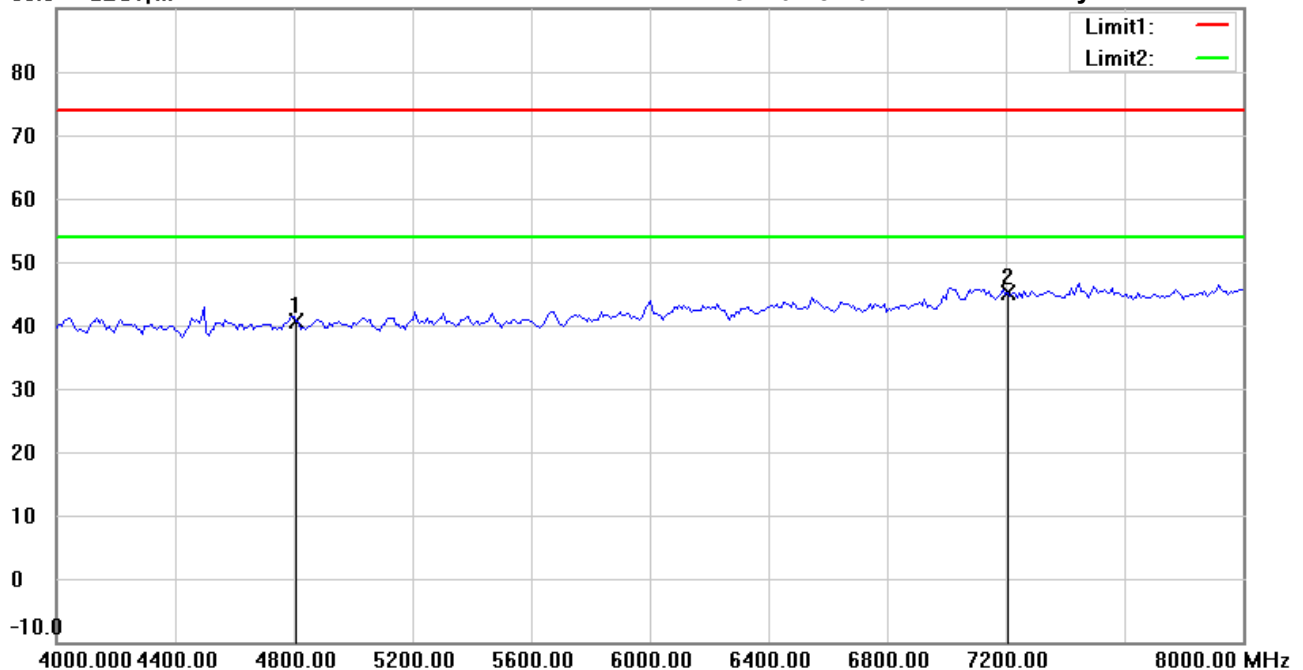
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:18:20 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.59	peak	-1.95	40.64	74.00	150	65	-33.36	
*	7206.000	42.00	peak	3.24	45.24	74.00	150	235	-28.76	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

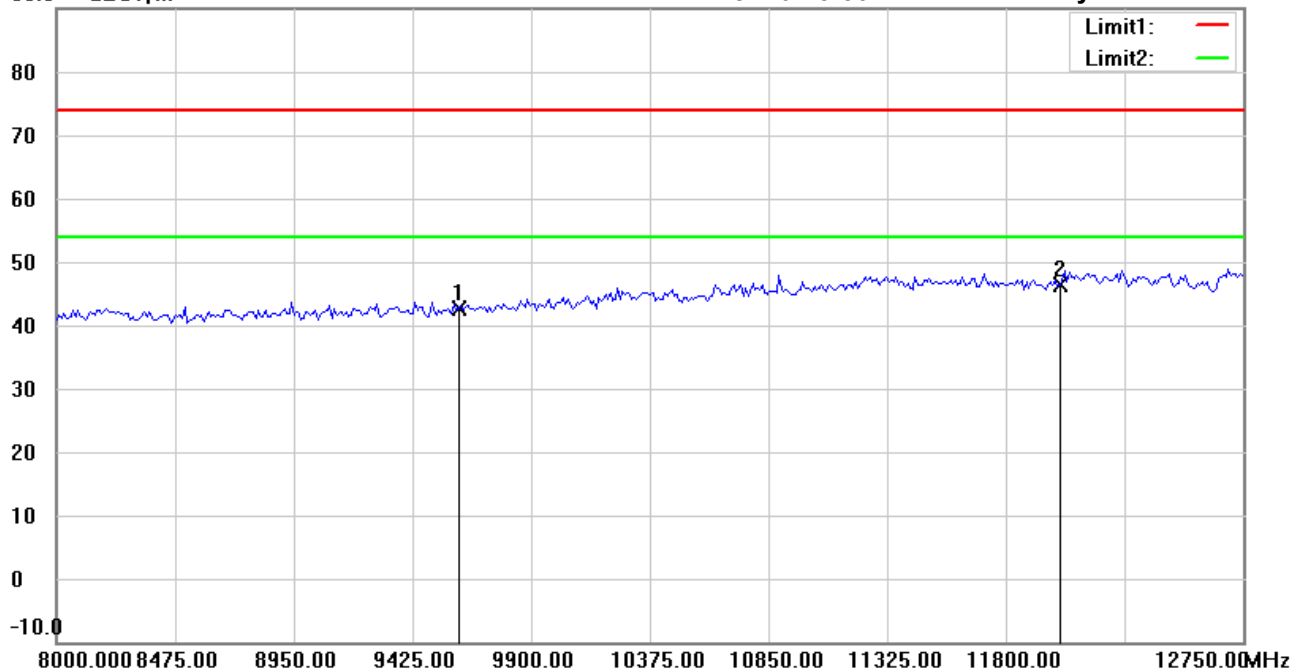
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:15:56 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	36.20	peak	6.53	42.73	74.00	150	255	-31.27	
*	12010.000	34.78	peak	11.62	46.40	74.00	150	170	-27.60	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

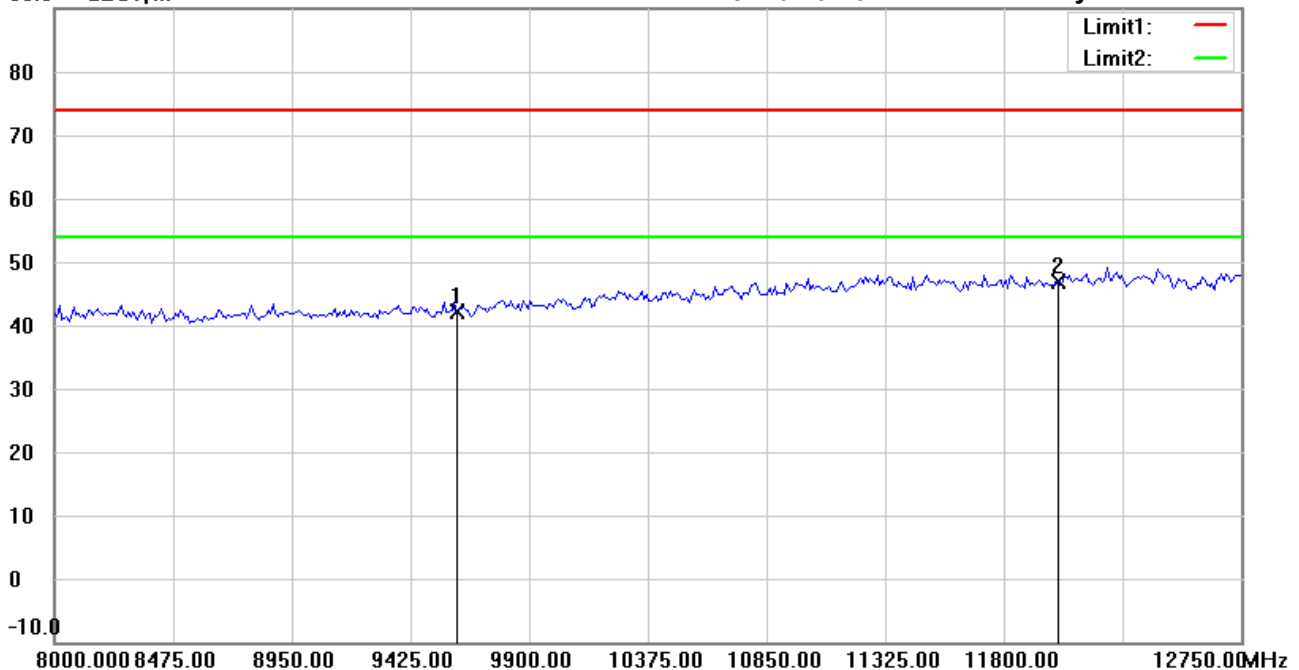
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:19:20 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	35.63	peak	6.53	42.16	74.00	150	225	-31.84	
*	12010.000	35.16	peak	11.62	46.78	74.00	150	190	-27.22	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

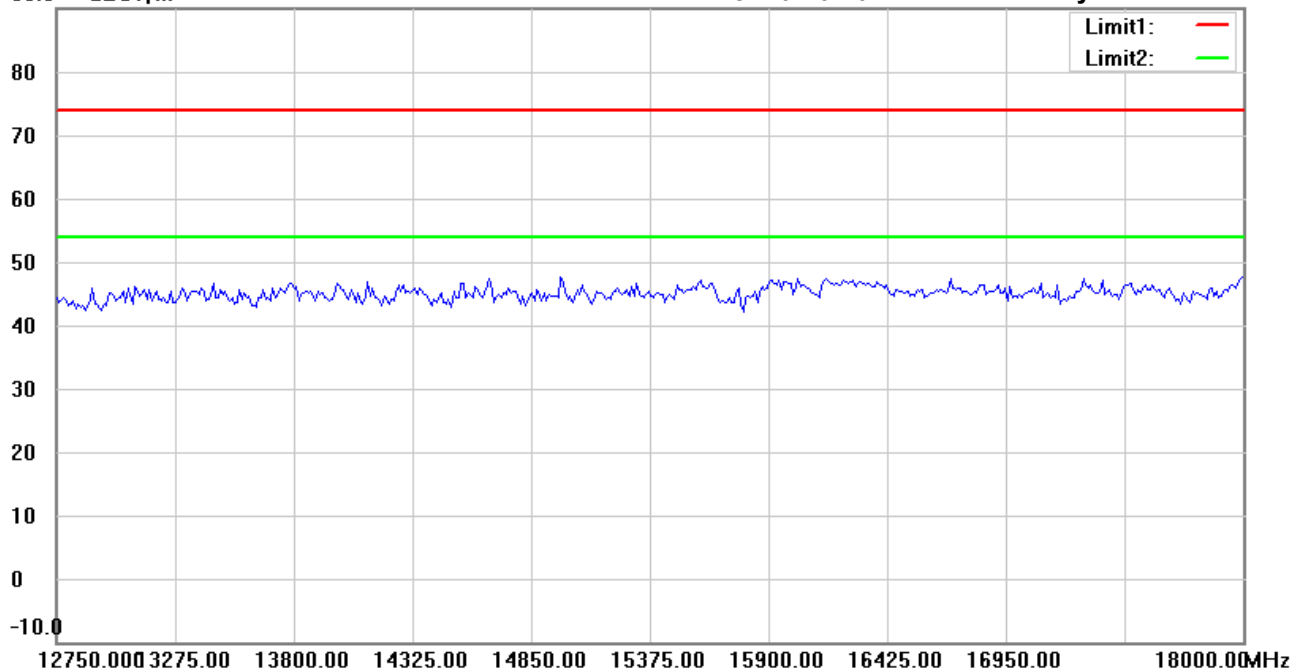
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:16:10 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

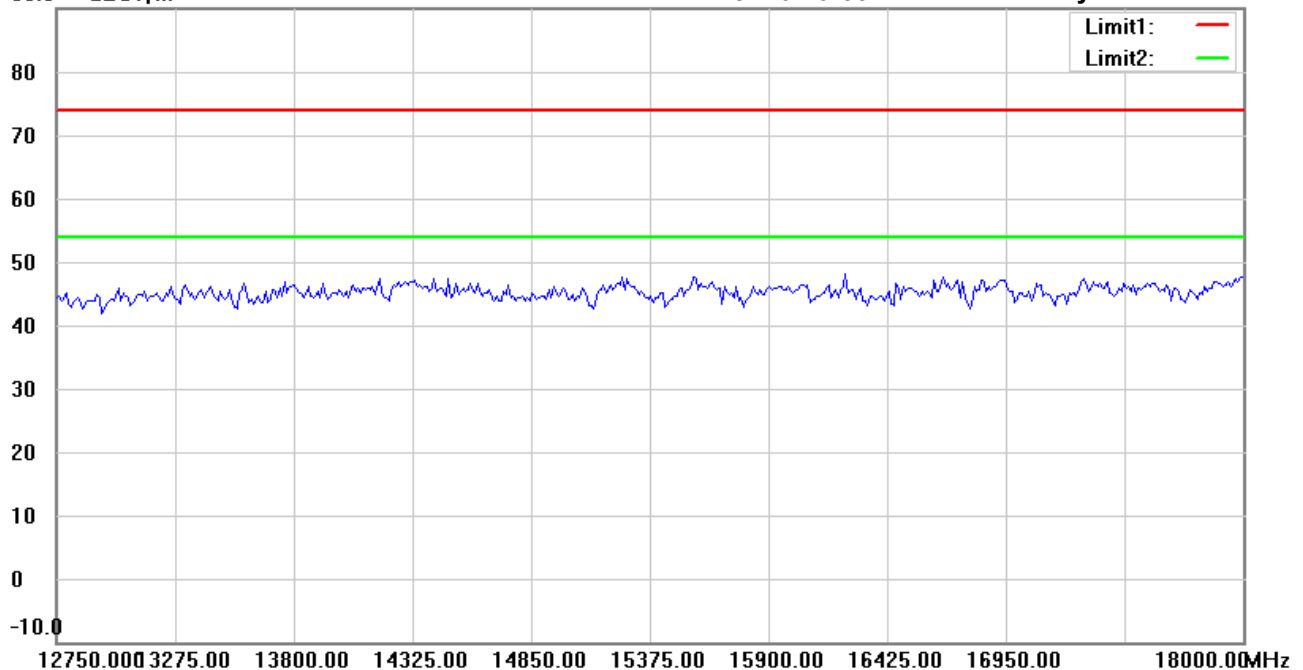
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:19:33 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

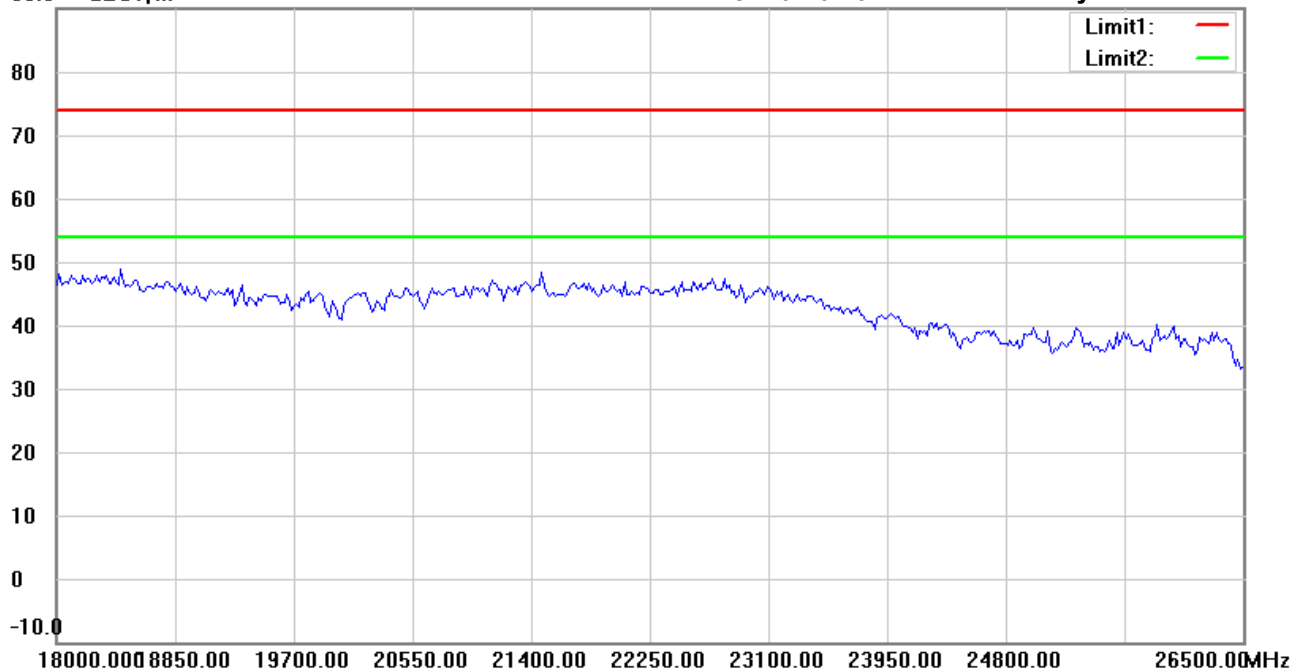
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:16:19 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

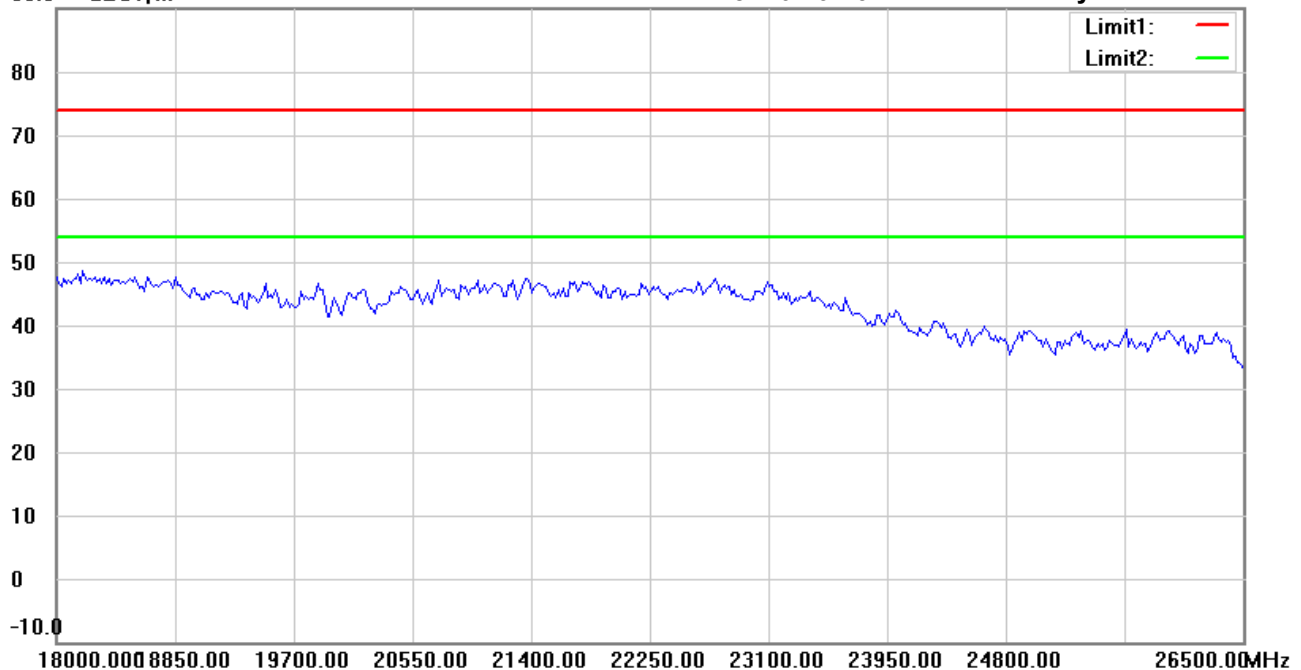
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:19:43 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

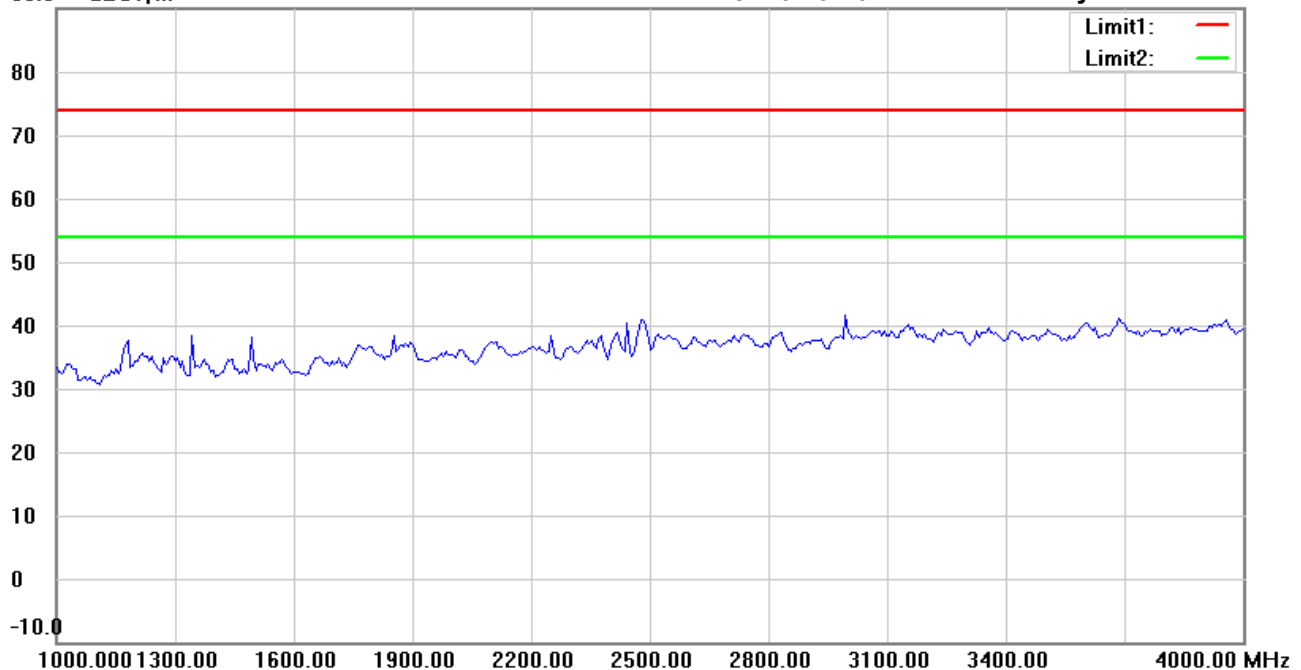
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:29:20 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

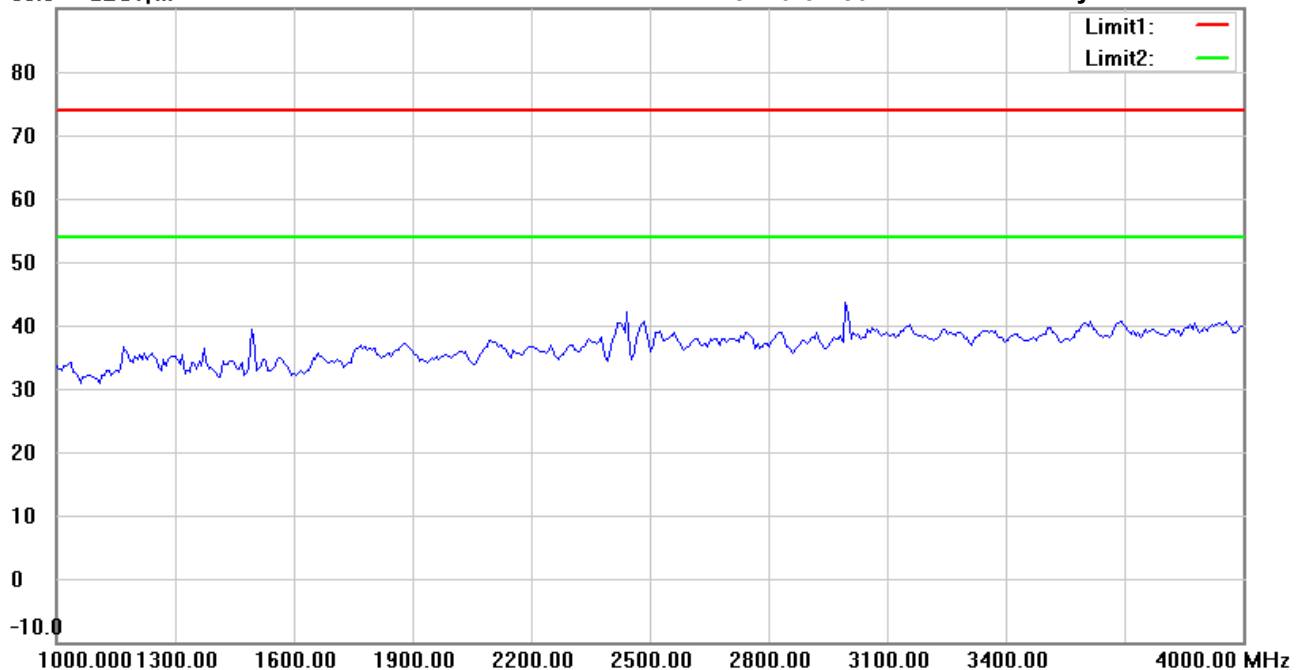
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:32:50 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

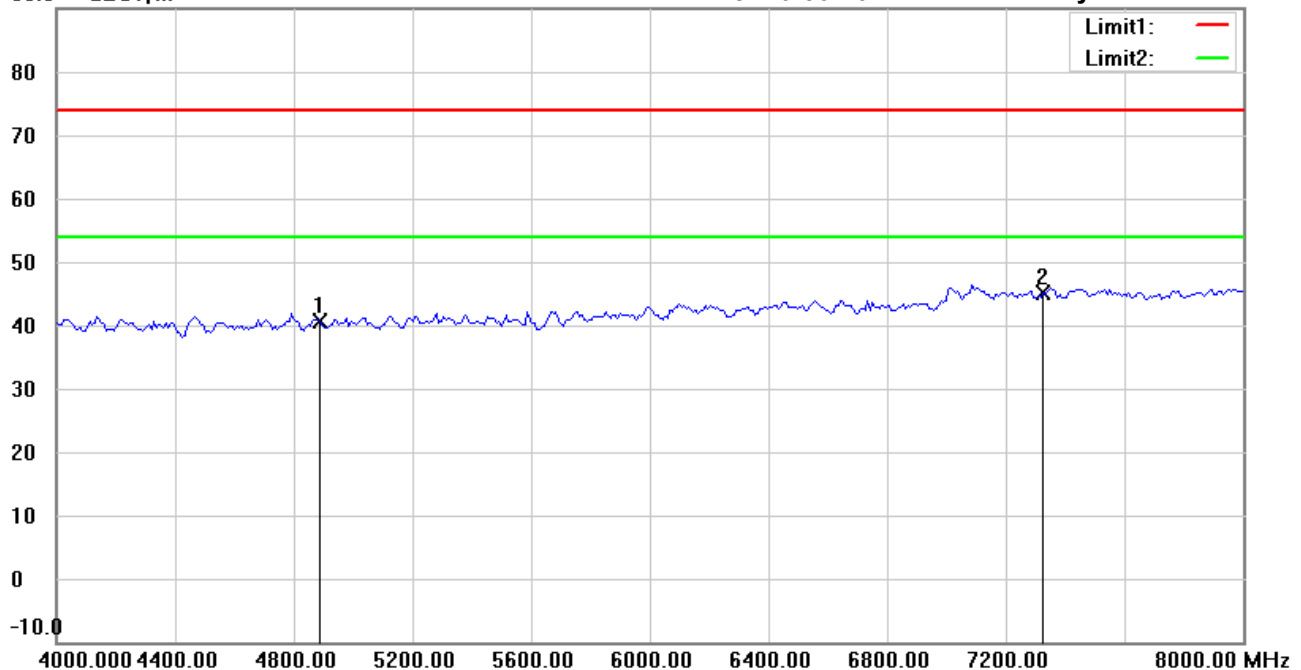
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:30:20 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4882.000	42.34	peak	-1.67	40.67	74.00	150	155	-33.33	
*	7323.000	41.59	peak	3.46	45.05	74.00	150	270	-28.95	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

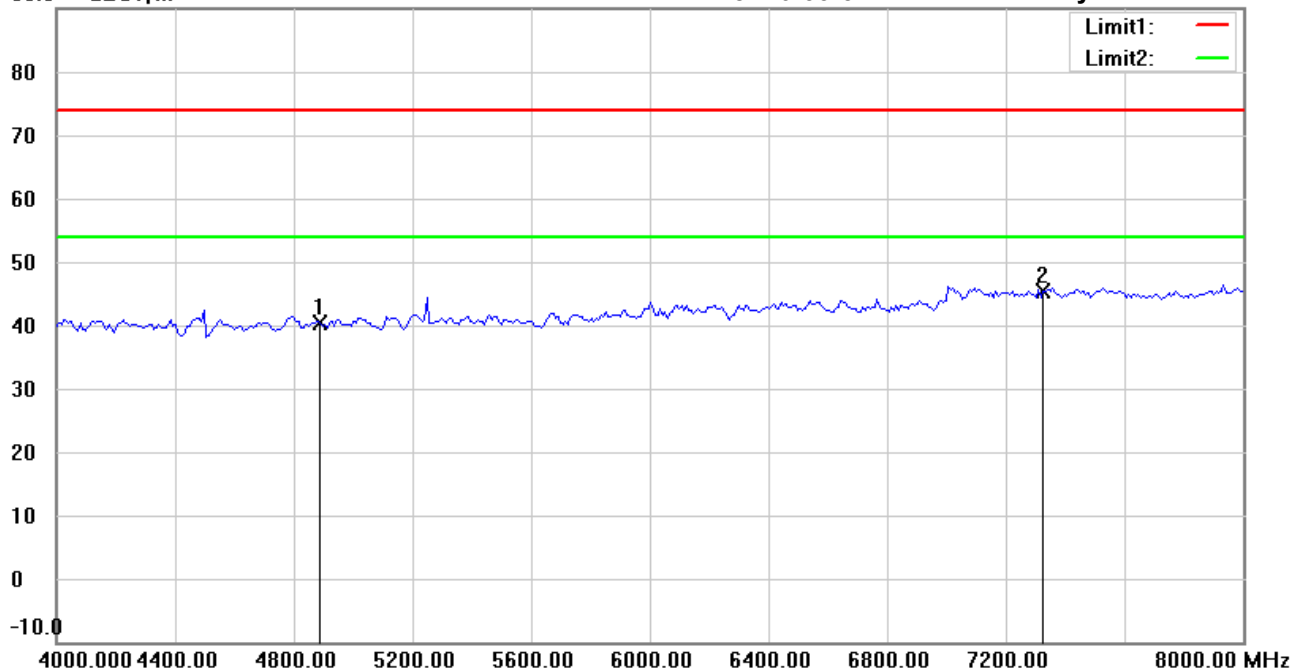
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:33:51 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4882.000	42.08	peak	-1.67	40.41	74.00	150	70	-33.59	
*	7323.000	41.96	peak	3.46	45.42	74.00	150	135	-28.58	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

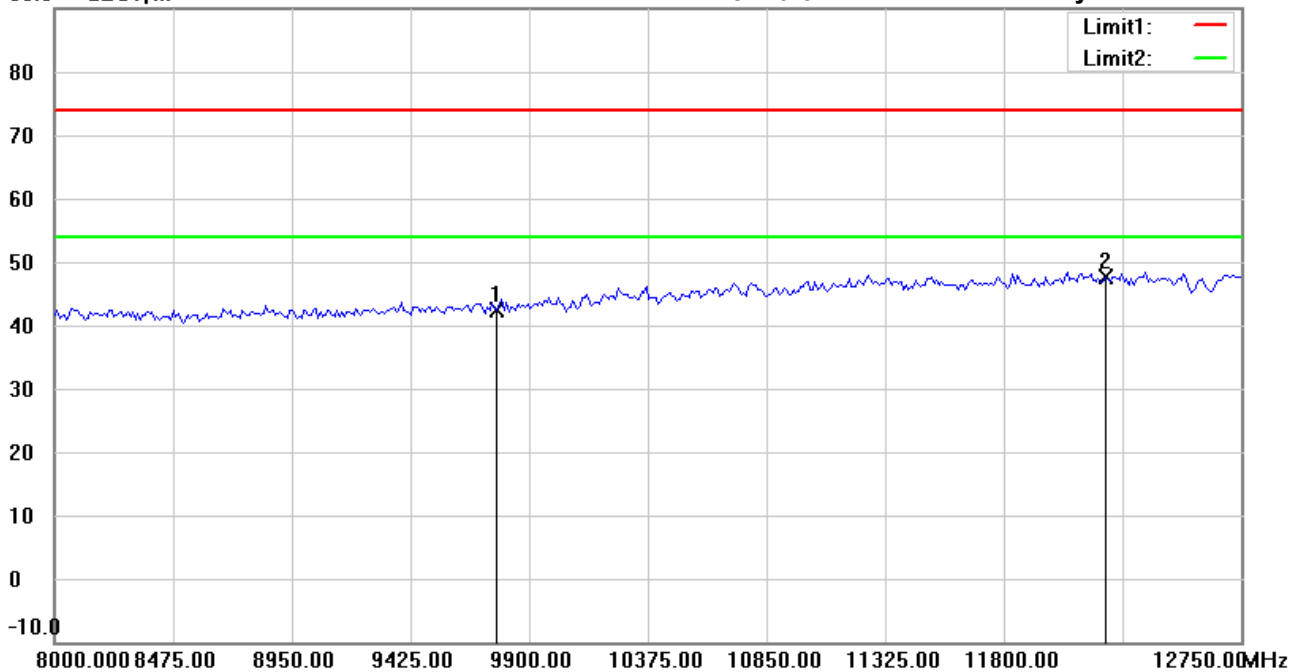
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:31:27 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.000	35.57	peak	6.77	42.34	74.00	150	165	-31.66	
*	12205.000	34.88	peak	12.81	47.69	74.00	150	270	-26.31	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

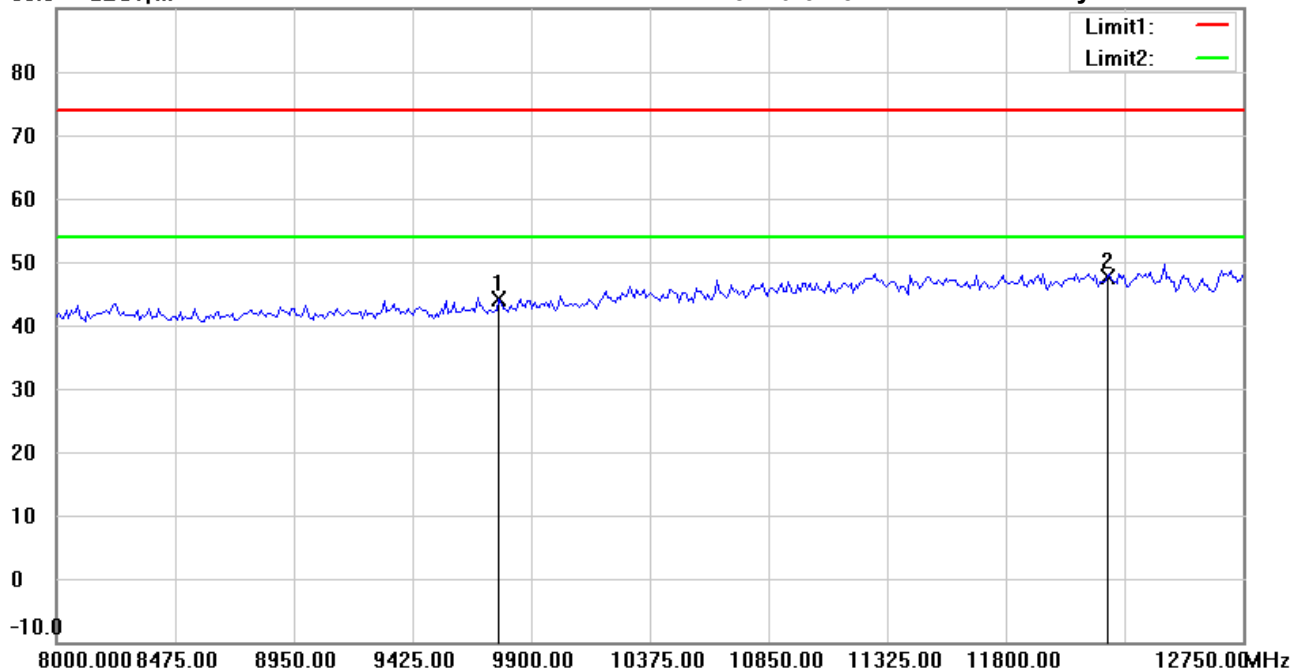
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:34:51 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.000	37.44	peak	6.77	44.21	74.00	150	65	-29.79	
*	12205.000	34.90	peak	12.81	47.71	74.00	150	235	-26.29	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

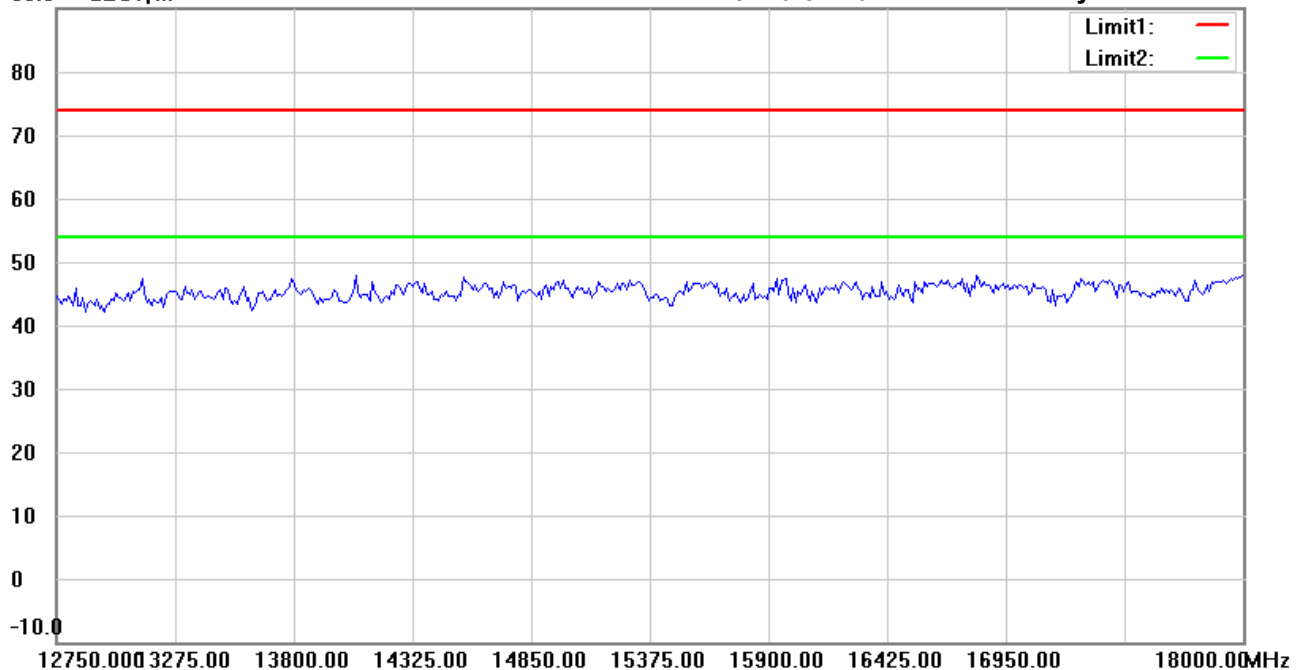
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:31:40 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

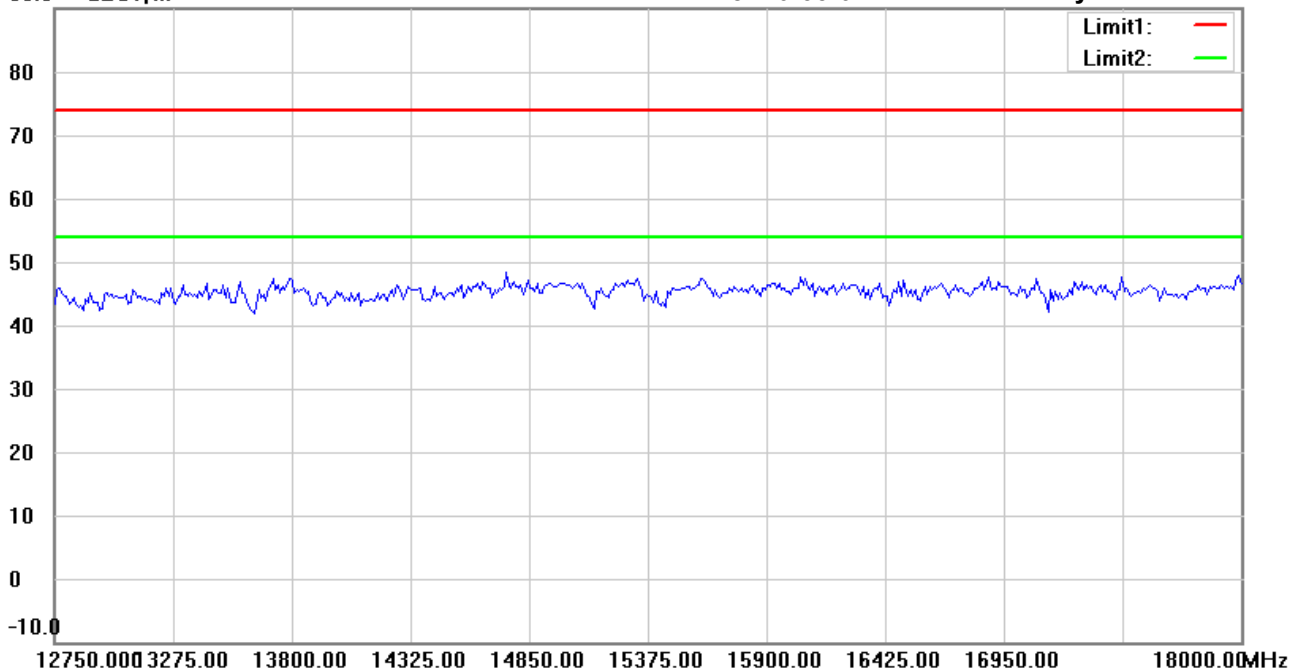
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:35:04 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

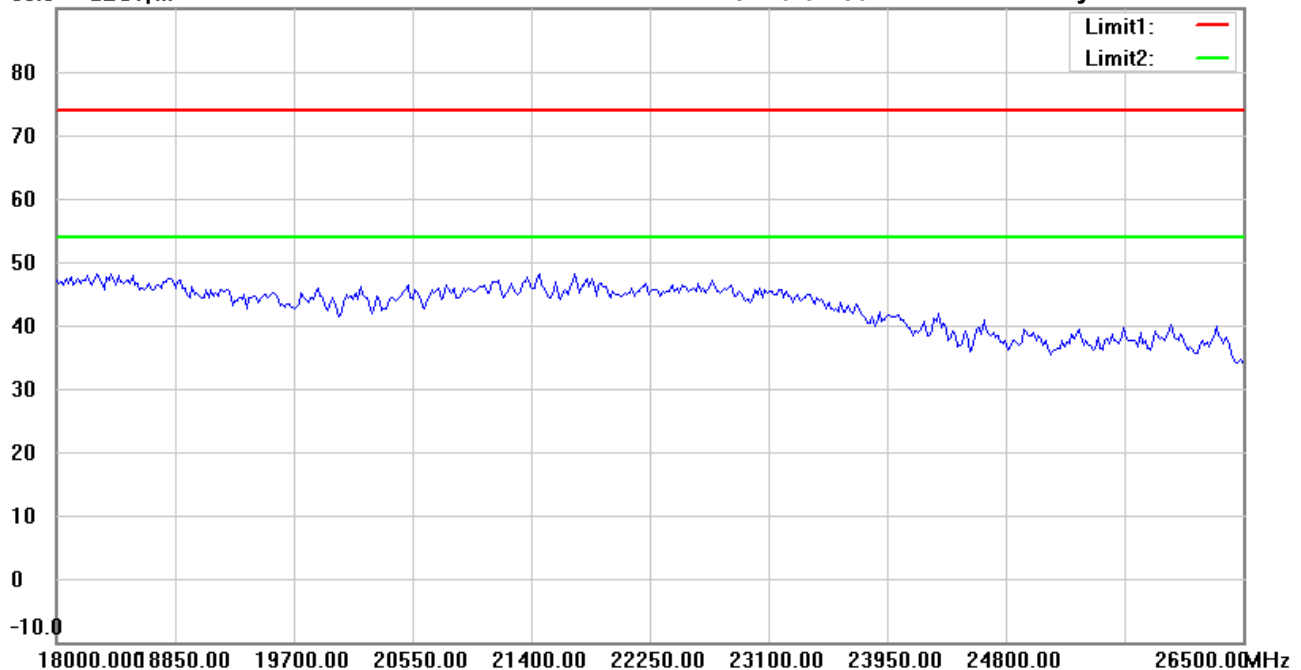
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:31:50 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #10

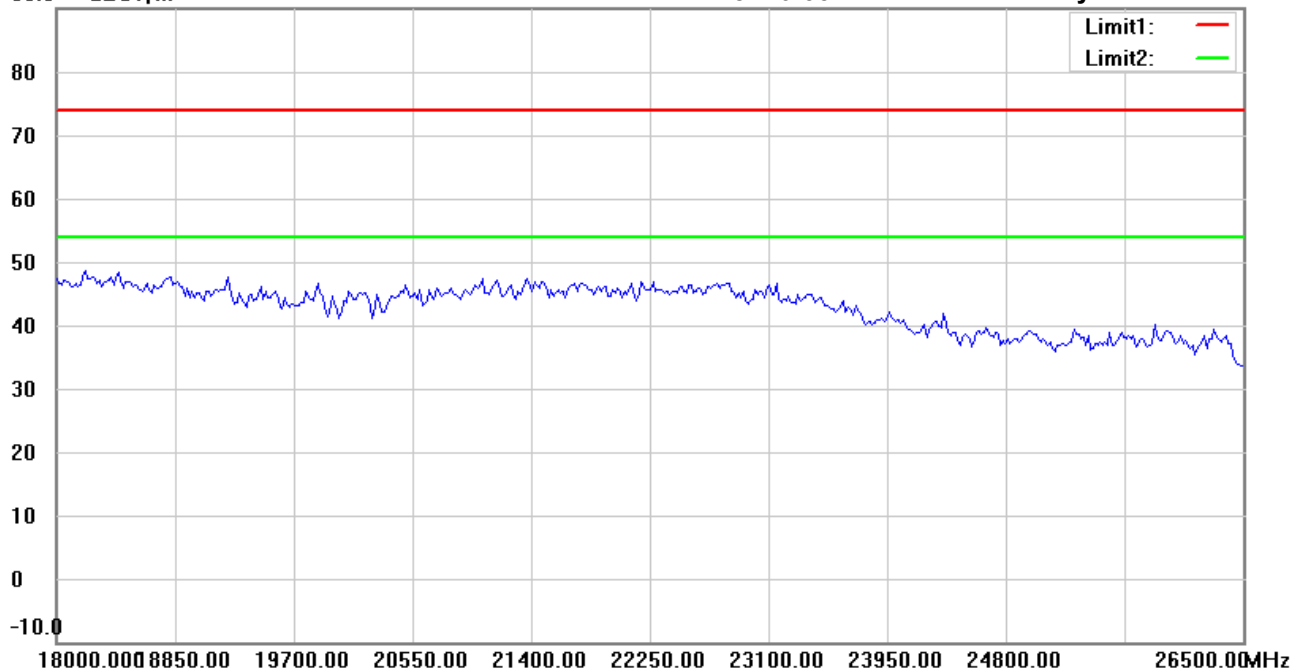
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:35:14 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

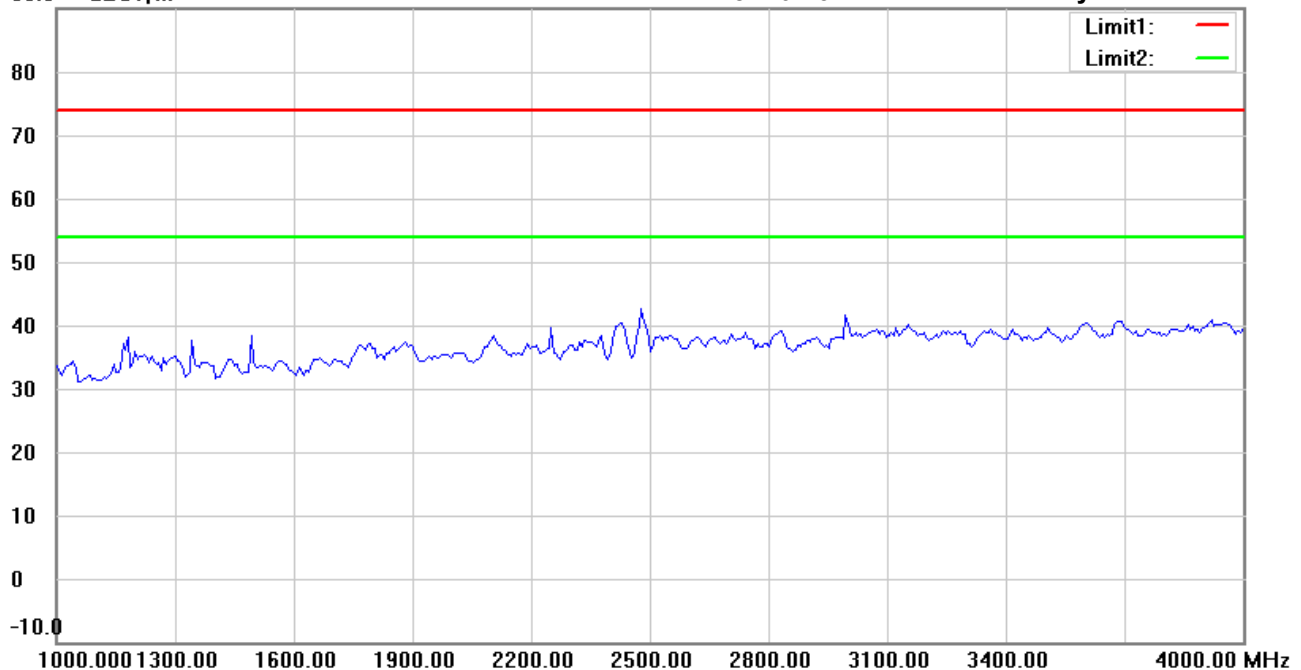
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:43:27 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

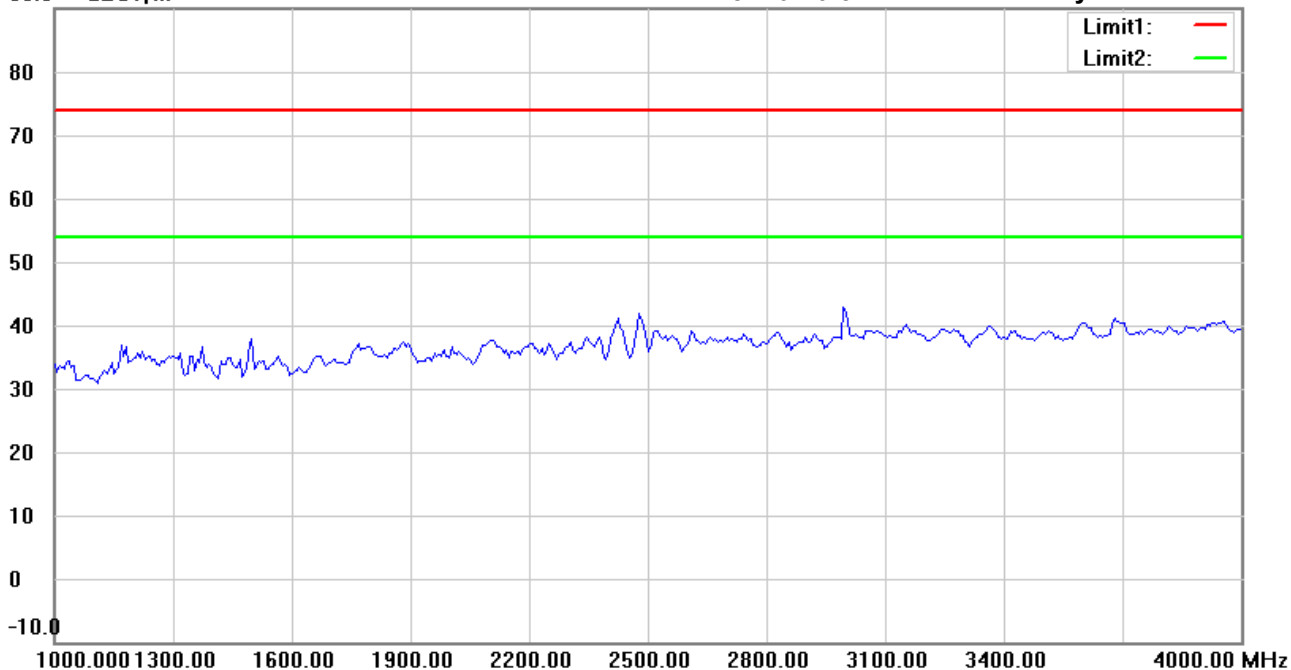
Date: 8/12/2019

Temperature:28.7 °C

90.0 dBuV/m

Time: 10:46:57 PM

Humidity:74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

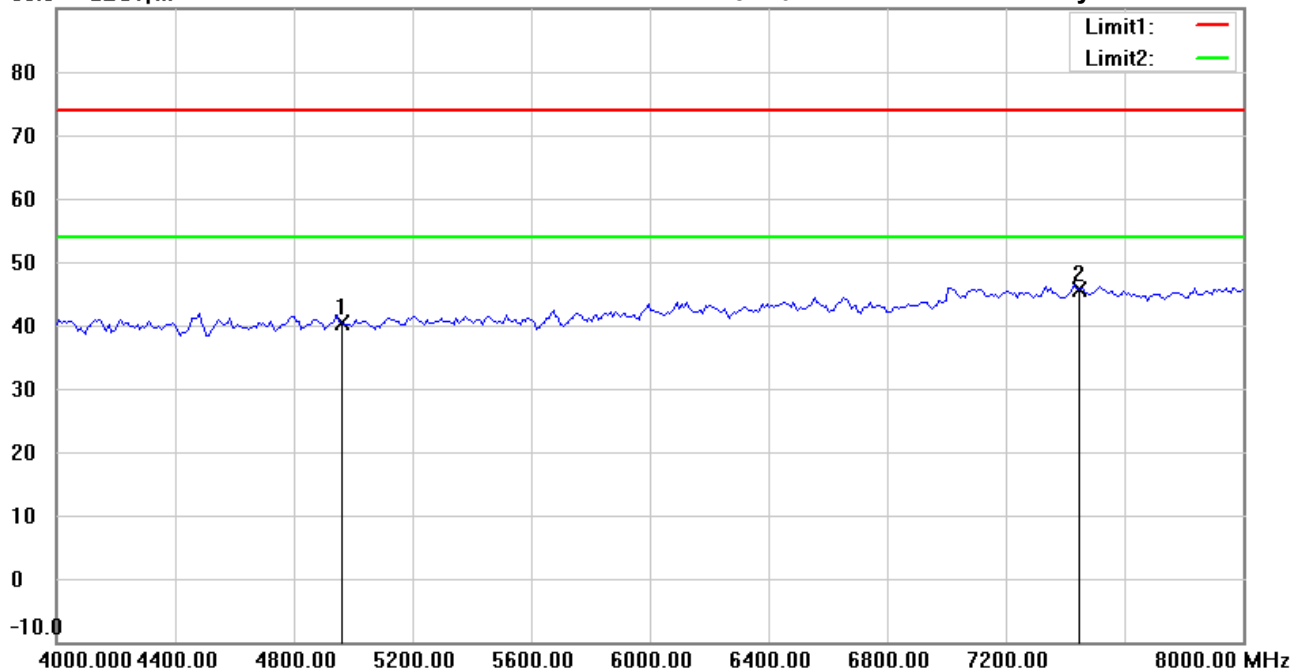
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:44:27 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.61	peak	-1.35	40.26	74.00	150	90	-33.74	
*	7440.000	41.90	peak	3.72	45.62	74.00	150	270	-28.38	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

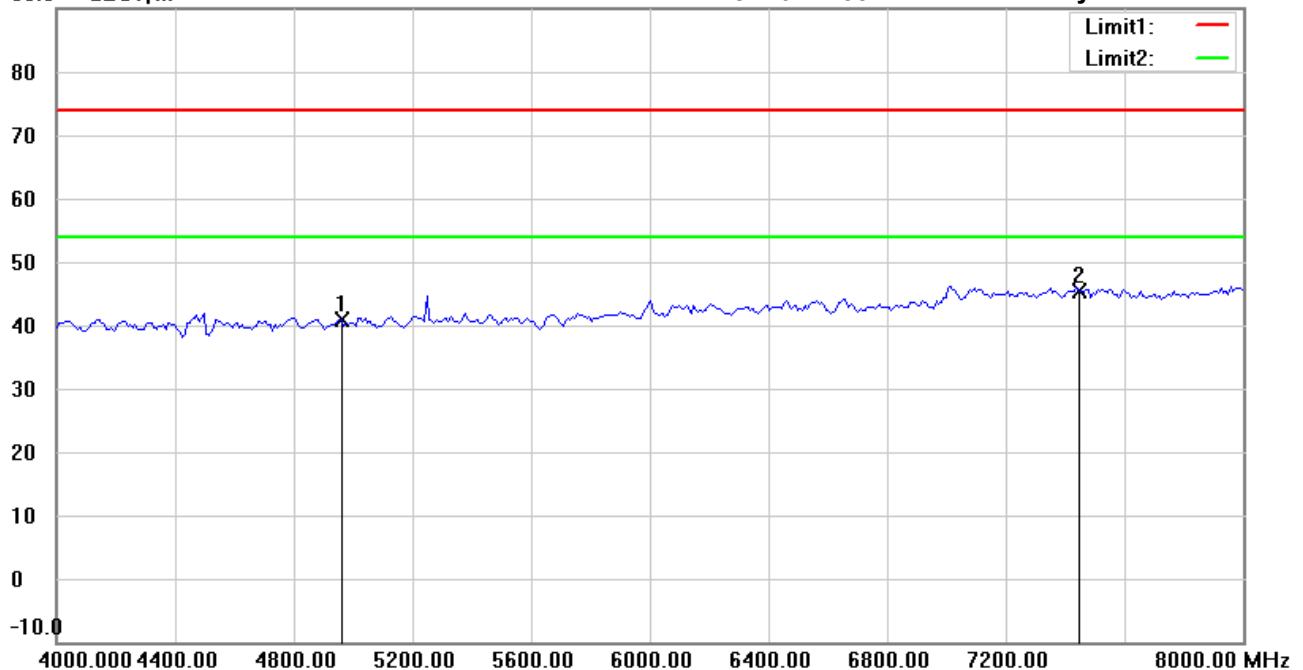
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:47:58 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	42.23	peak	-1.35	40.88	74.00	150	315	-33.12	
*	7440.000	41.77	peak	3.72	45.49	74.00	150	240	-28.51	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

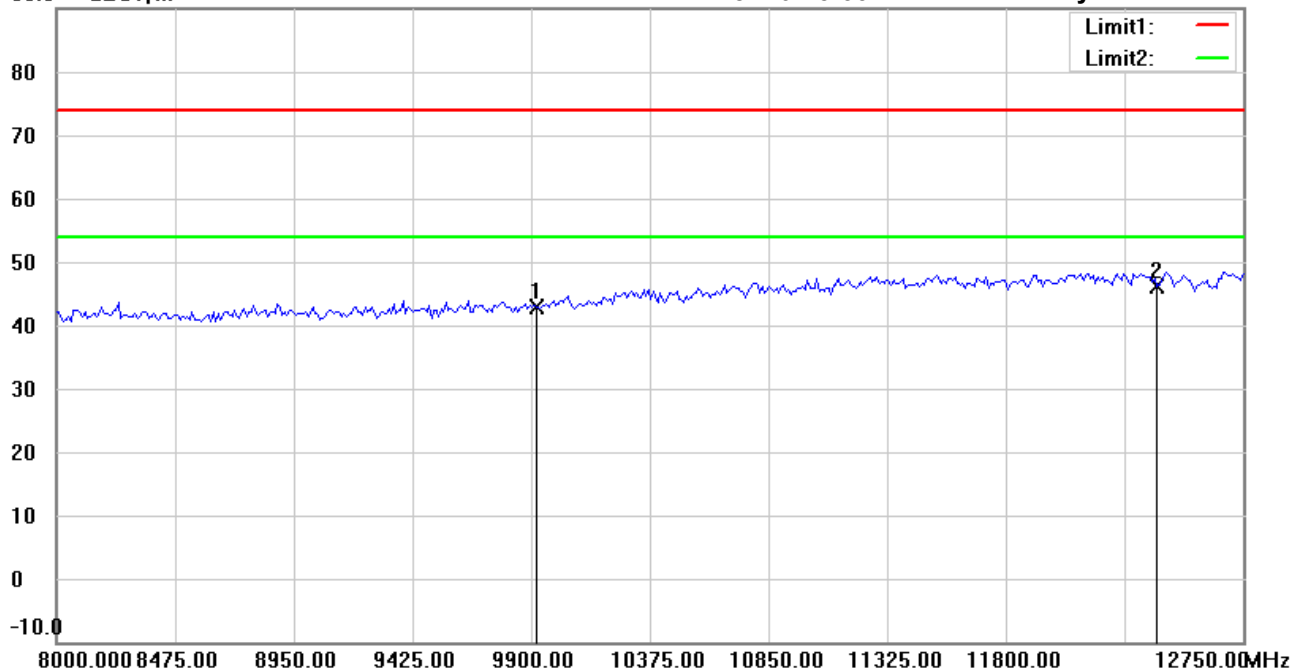
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:45:33 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	35.80	peak	7.16	42.96	74.00	150	60	-31.04	
*	12400.000	33.45	peak	12.75	46.20	74.00	150	135	-27.80	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

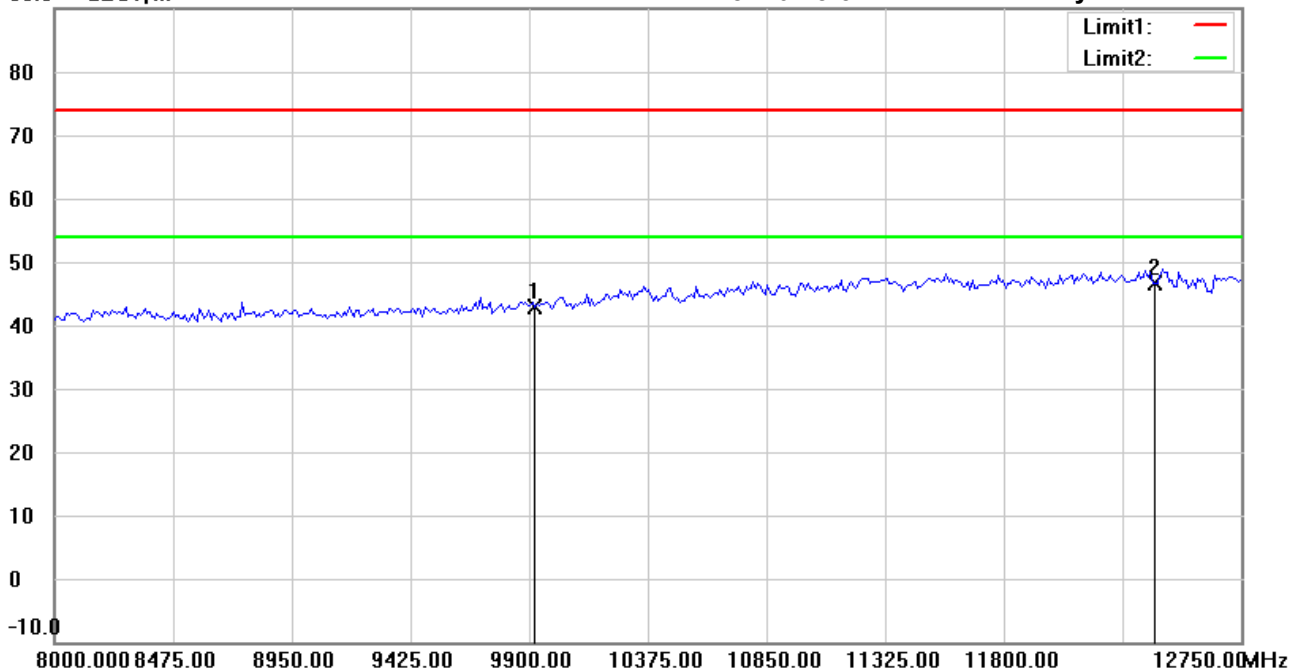
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:48:57 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	35.69	peak	7.16	42.85	74.00	150	255	-31.15	
*	12400.000	33.83	peak	12.75	46.58	74.00	150	165	-27.42	

*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

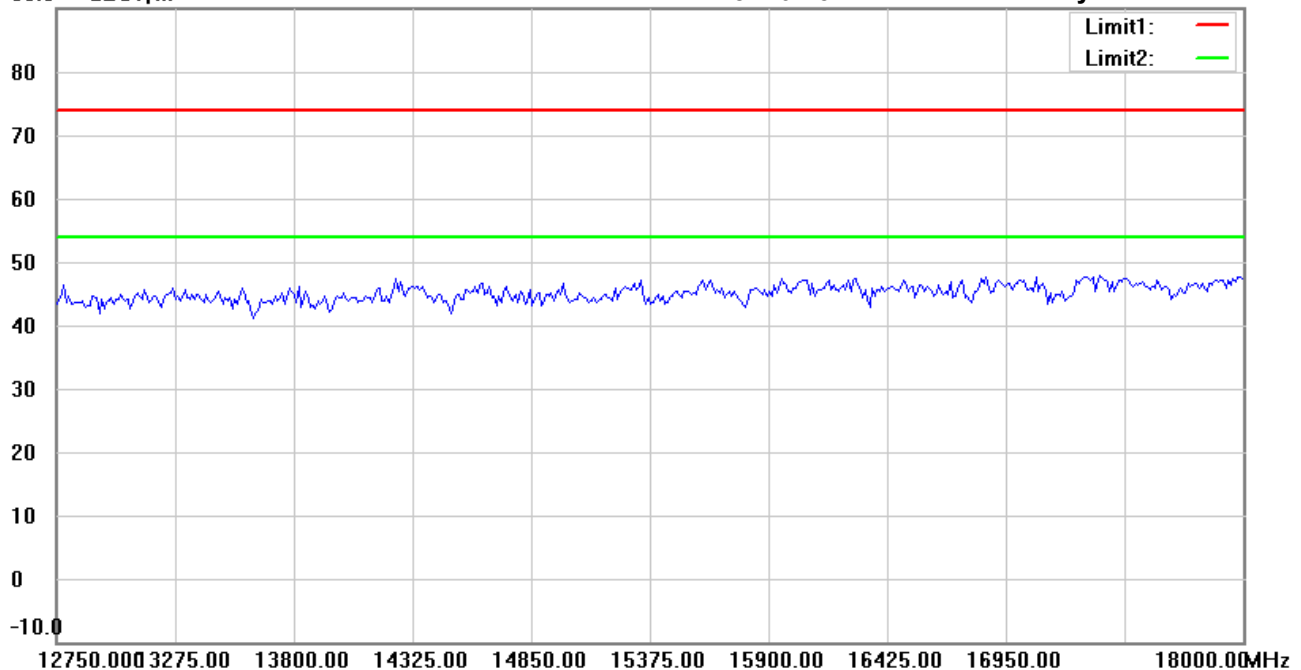
Date: 8/12/2019

Temperature:28.7 °C

90.0 dBuV/m

Time: 10:45:47 PM

Humidity:74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

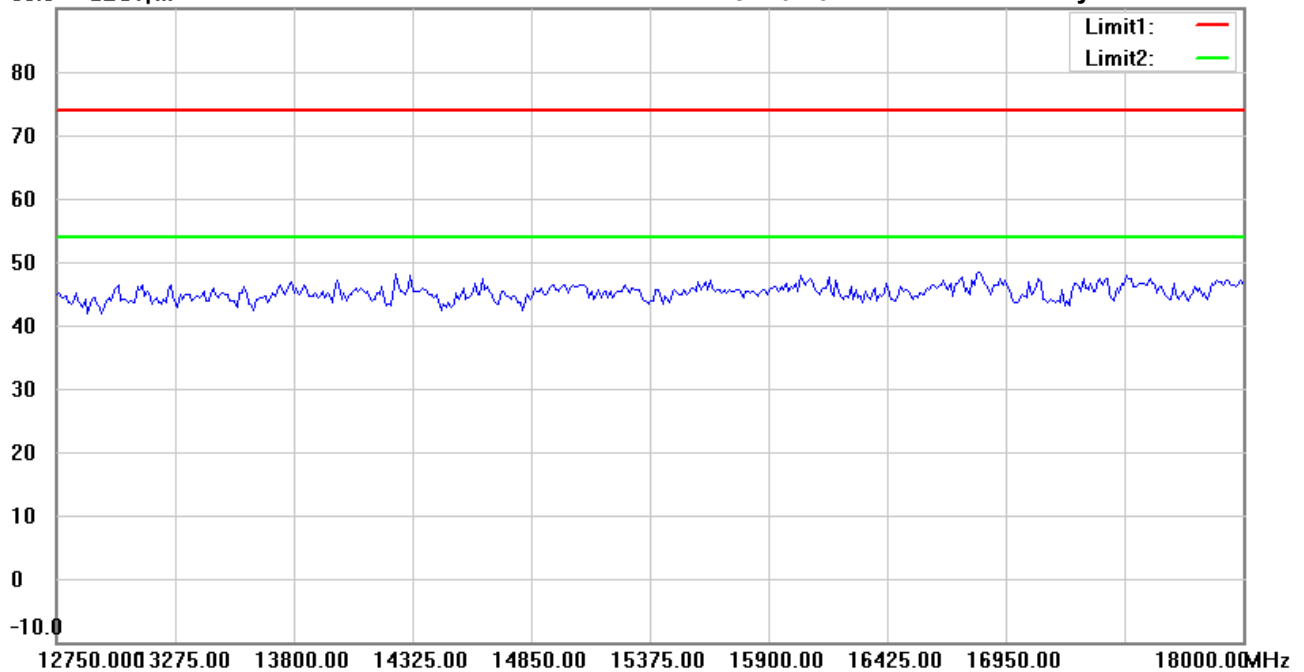
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:49:11 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

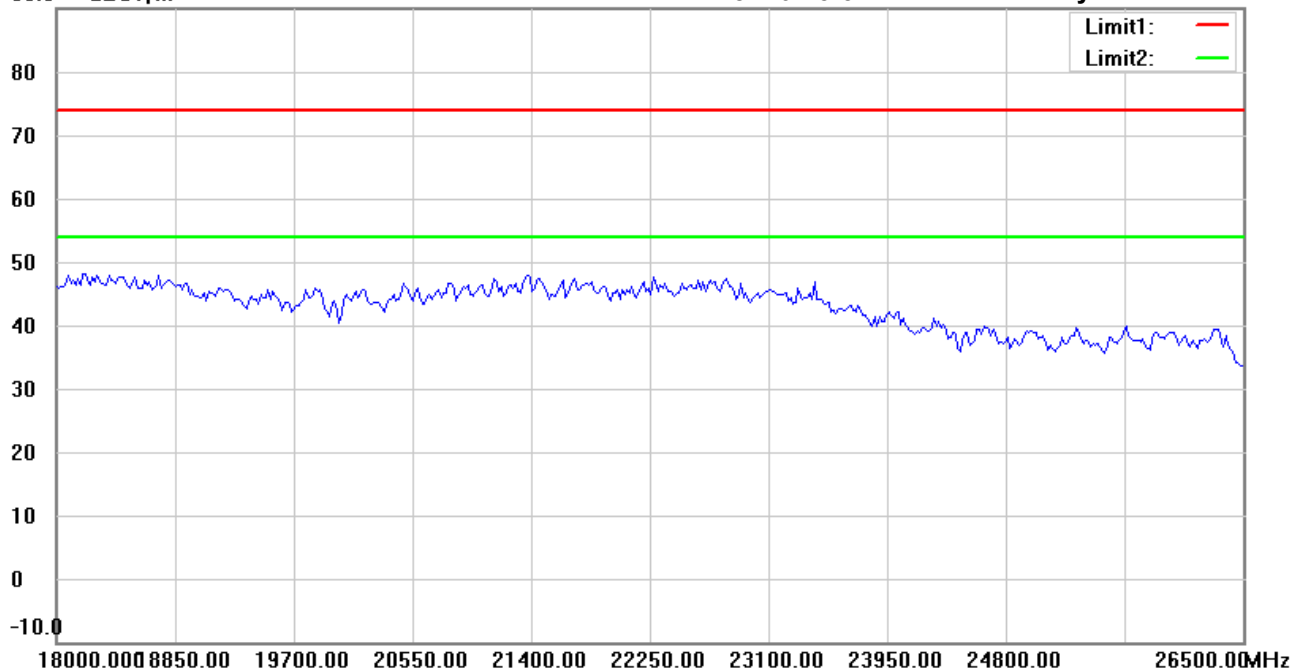
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:45:57 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #10

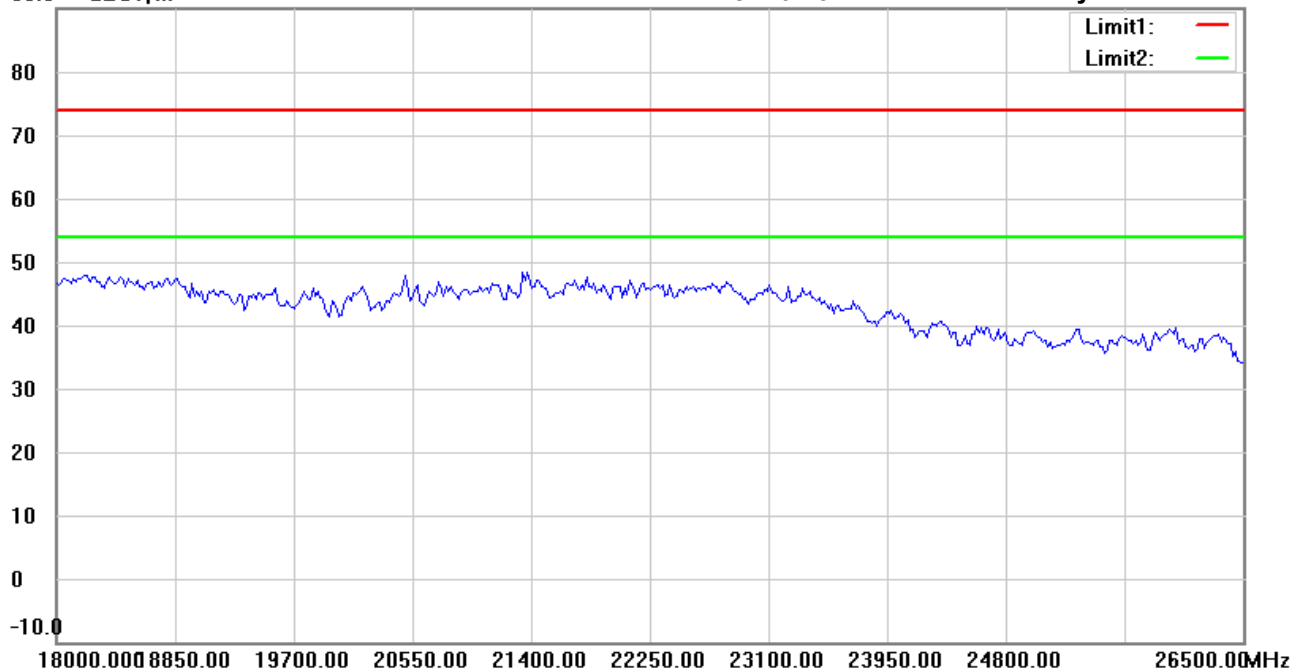
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:49:21 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Allen

File : 1_BLE_TX

Data : #1

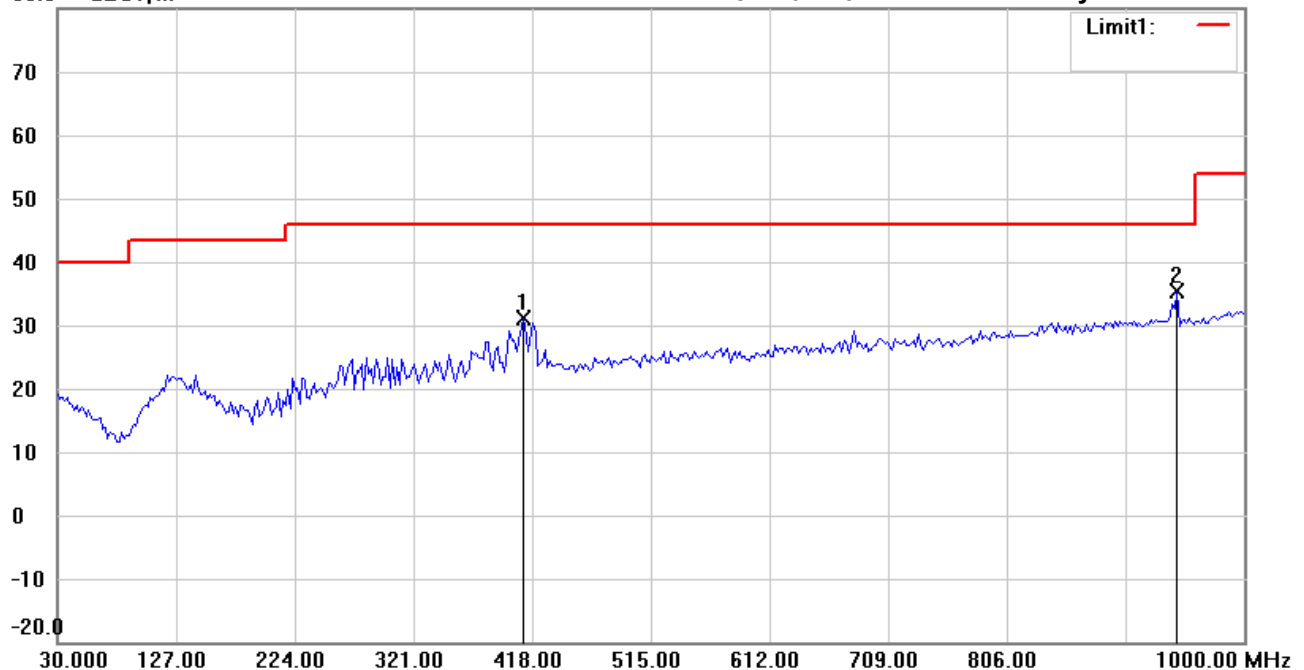
Date: 8/13/2019

Temperature: 29.2 °C

80.0 dBuV/m

Time: 4:07:26 AM

Humidity: 74.7 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

Polarization: *Horizontal*

EUT : W6M21907-19248

Power : 3.7 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2402MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	411.0020	35.07	peak	-3.90	31.17	46.00	100	45	-14.83	
*	945.5711	31.28	peak	4.13	35.41	46.00	100	120	-10.59	



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Radiated Emission Measurement

Operator: Allen

File : 1_BLE_TX

Data : #2

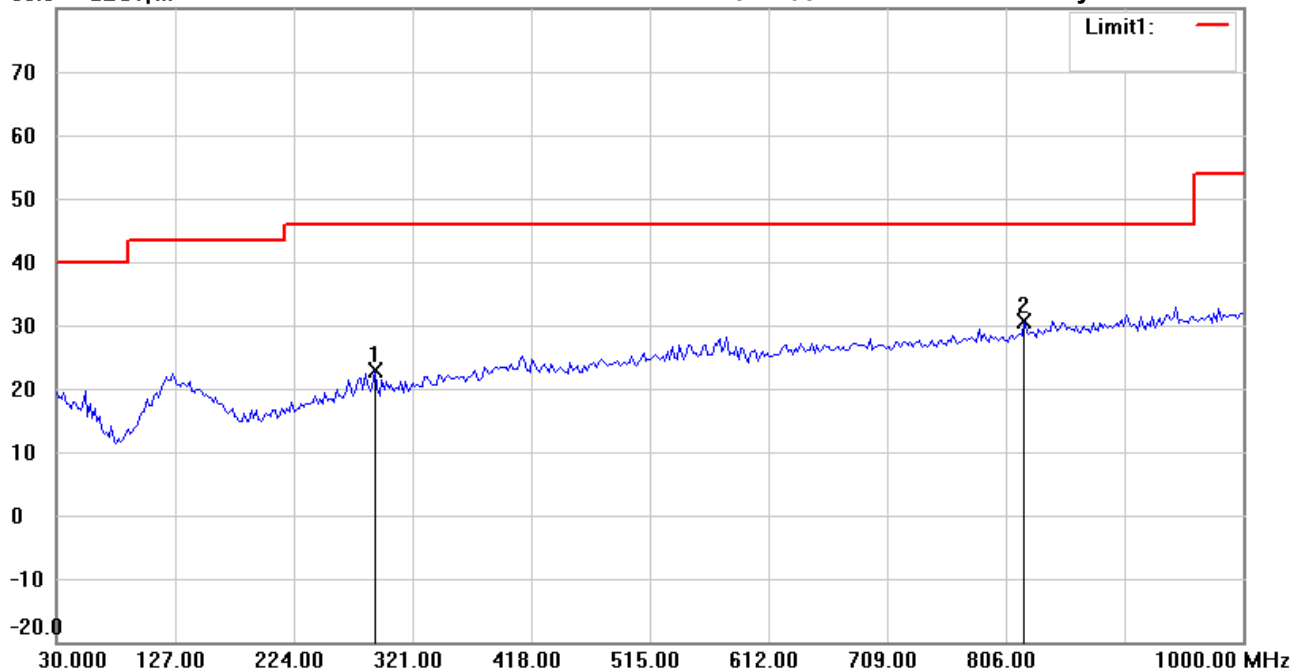
Date: 8/13/2019

Temperature: 29.2 °C

80.0 dBuV/m

Time: 4:08:27 AM

Humidity: 74.7 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	290.4810	29.17	peak	-6.41	22.76	46.00	100	240	-23.24	
*	821.1623	28.91	peak	1.80	30.71	46.00	100	350	-15.29	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

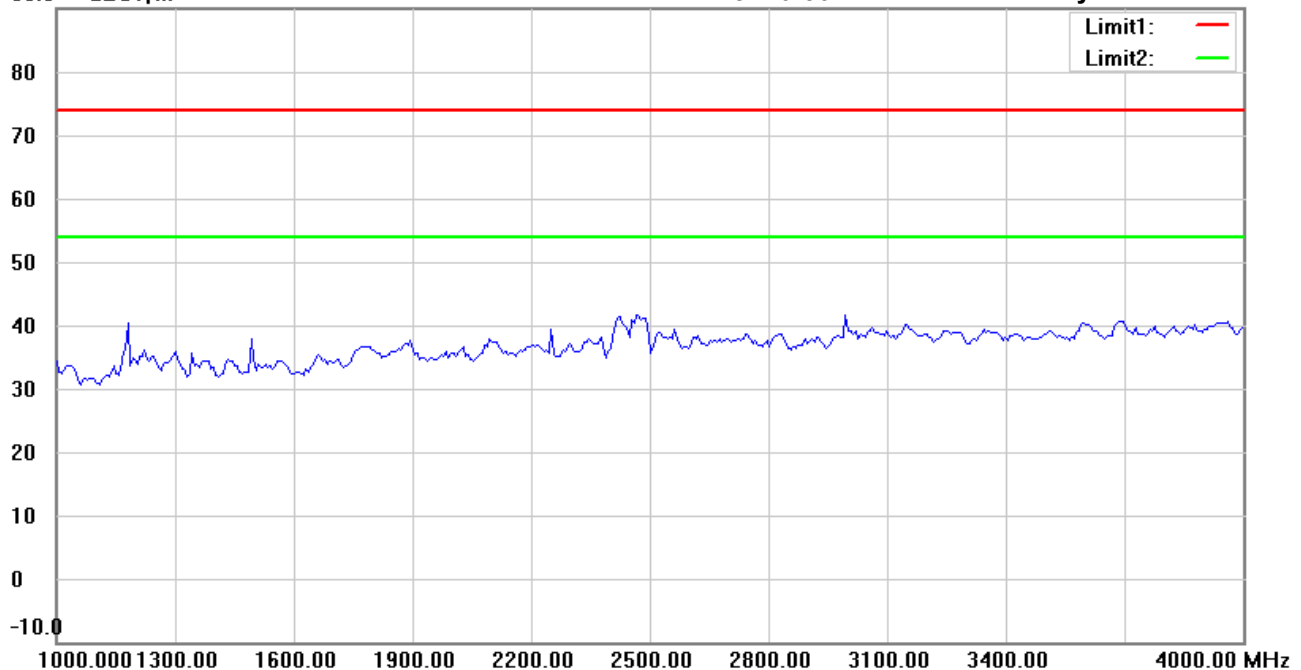
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:56:42 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

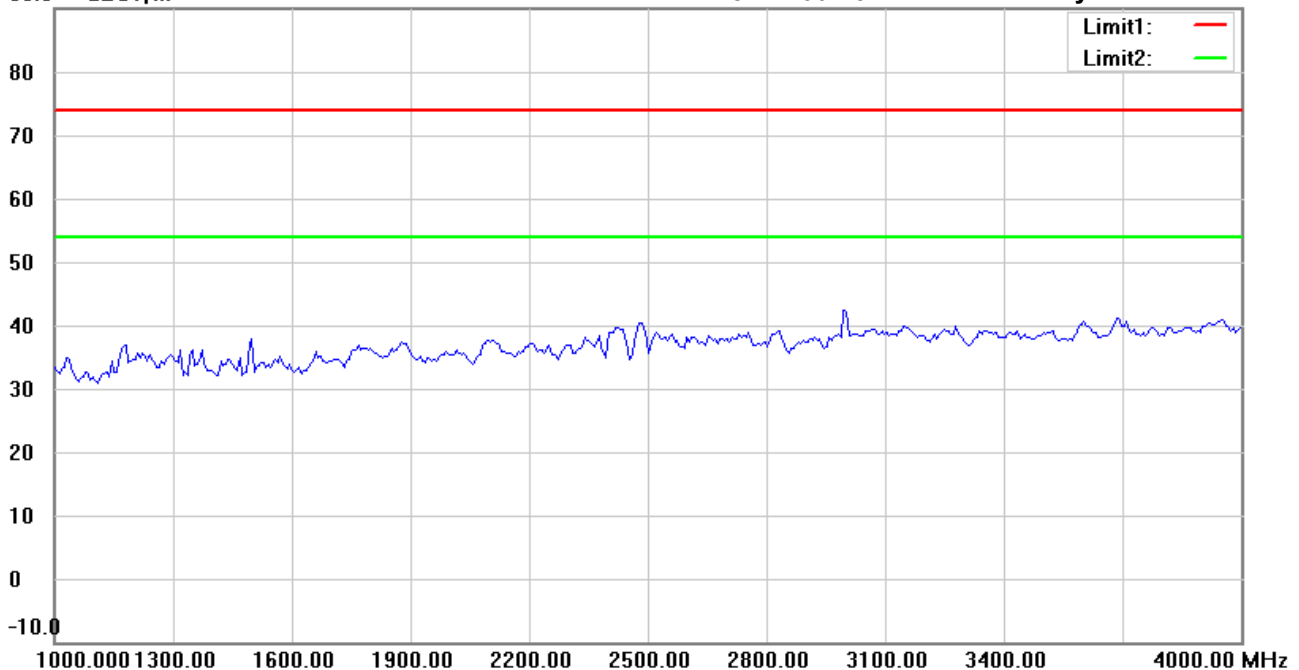
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:00:13 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

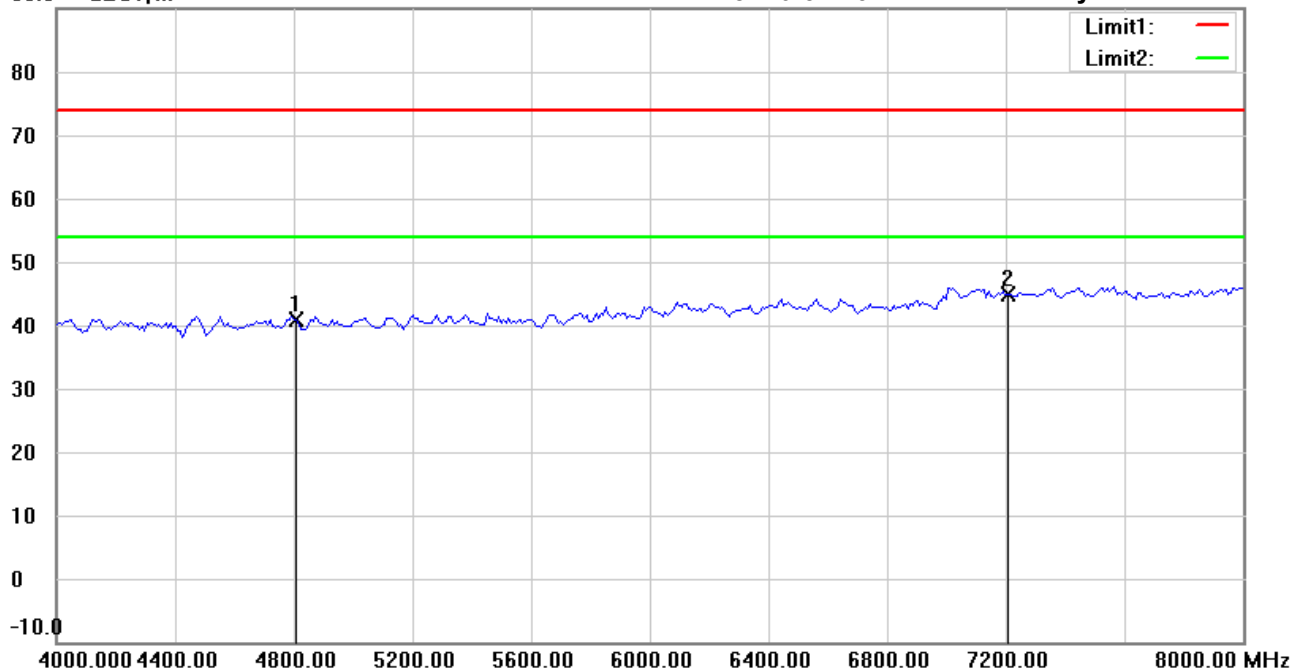
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:57:43 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.72	peak	-1.95	40.77	74.00	150	315	-33.23	
*	7206.000	41.68	peak	3.24	44.92	74.00	150	70	-29.08	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

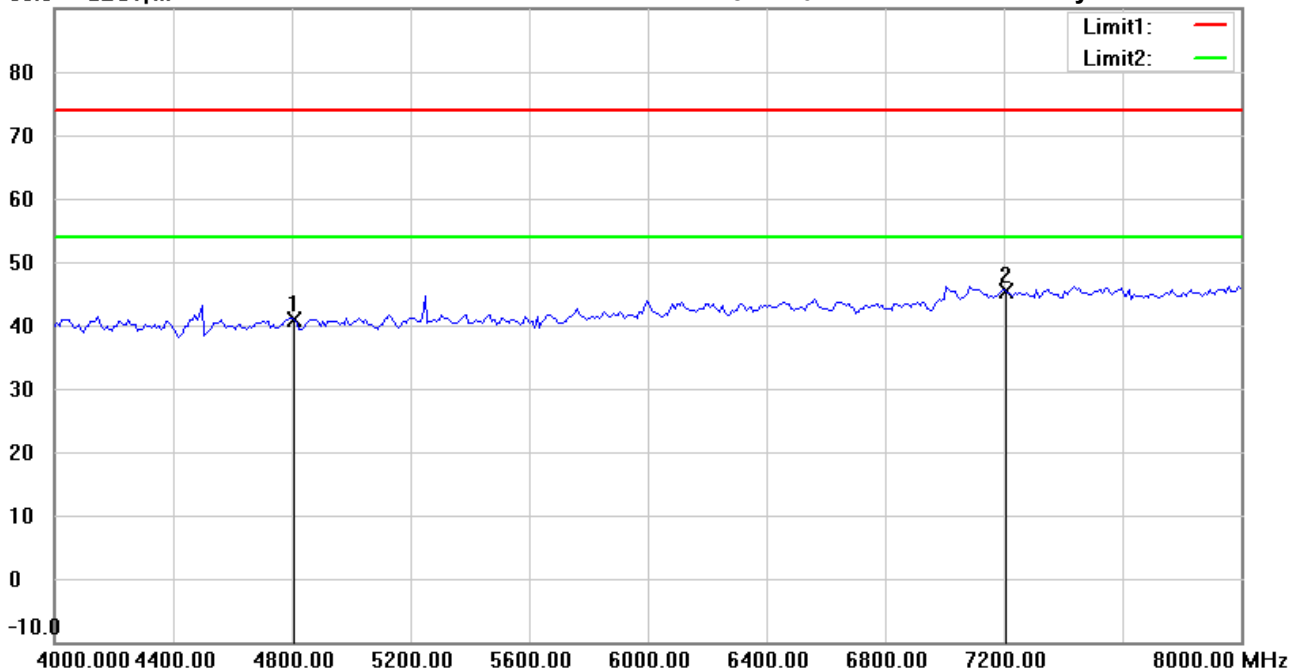
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:01:14 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.84	peak	-1.95	40.89	74.00	150	170	-33.11	
*	7206.000	42.17	peak	3.24	45.41	74.00	150	45	-28.59	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

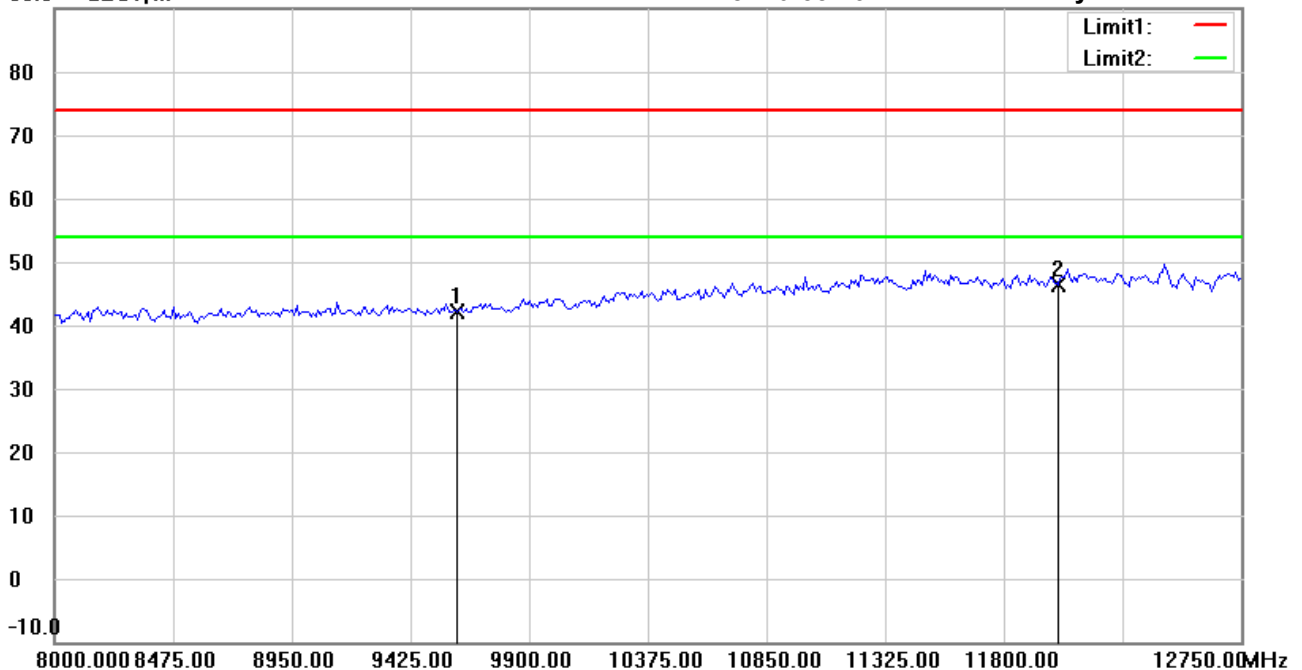
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:58:49 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	35.48	peak	6.53	42.01	74.00	150	280	-31.99	
*	12010.000	34.82	peak	11.62	46.44	74.00	150	125	-27.56	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

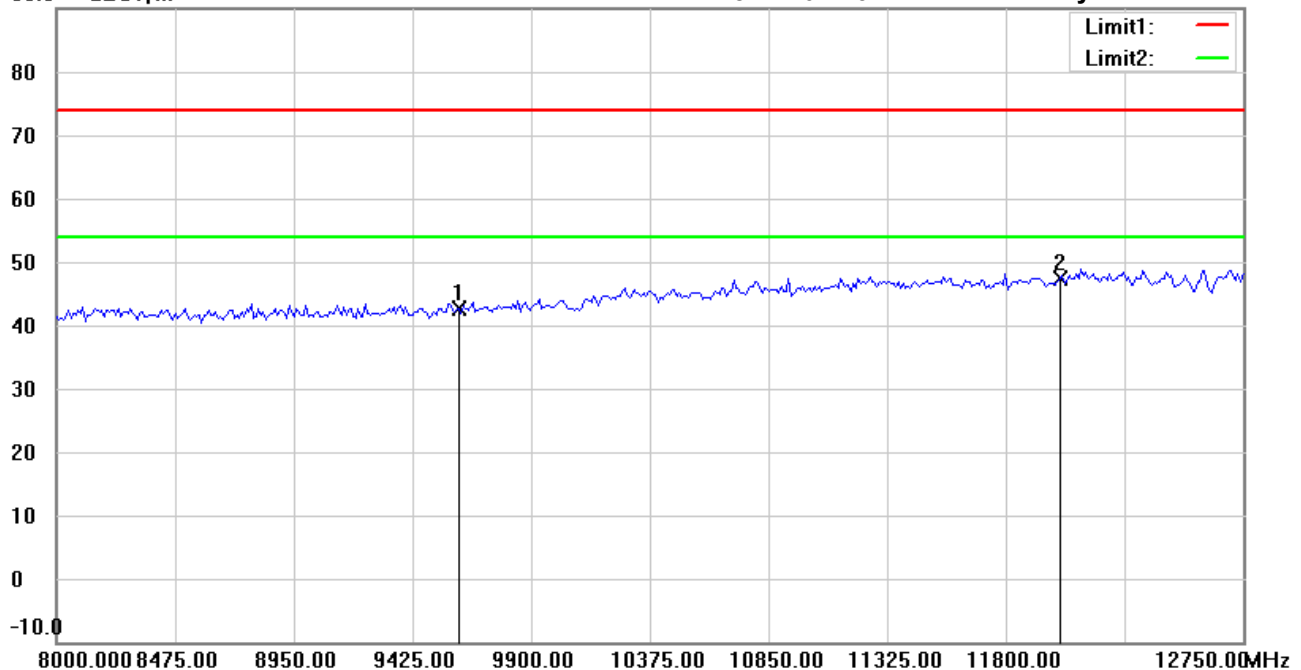
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:02:13 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	36.09	peak	6.53	42.62	74.00	150	225	-31.38	
*	12010.000	35.66	peak	11.62	47.28	74.00	150	130	-26.72	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #4

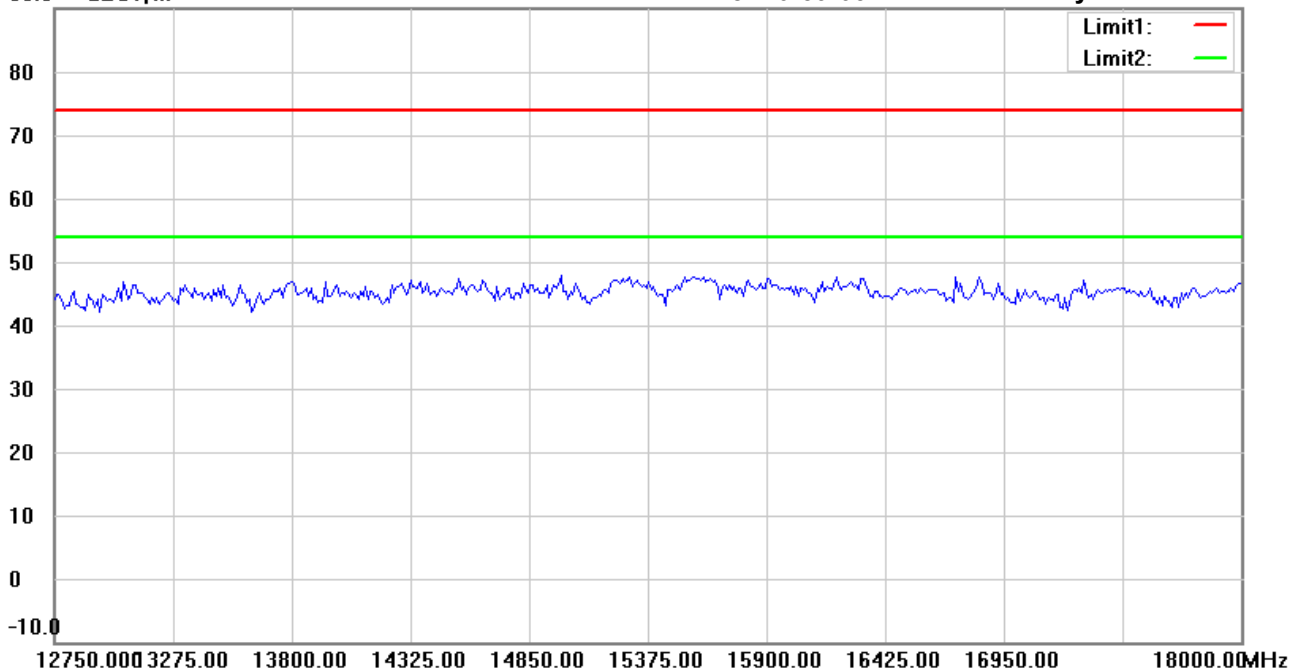
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:59:03 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

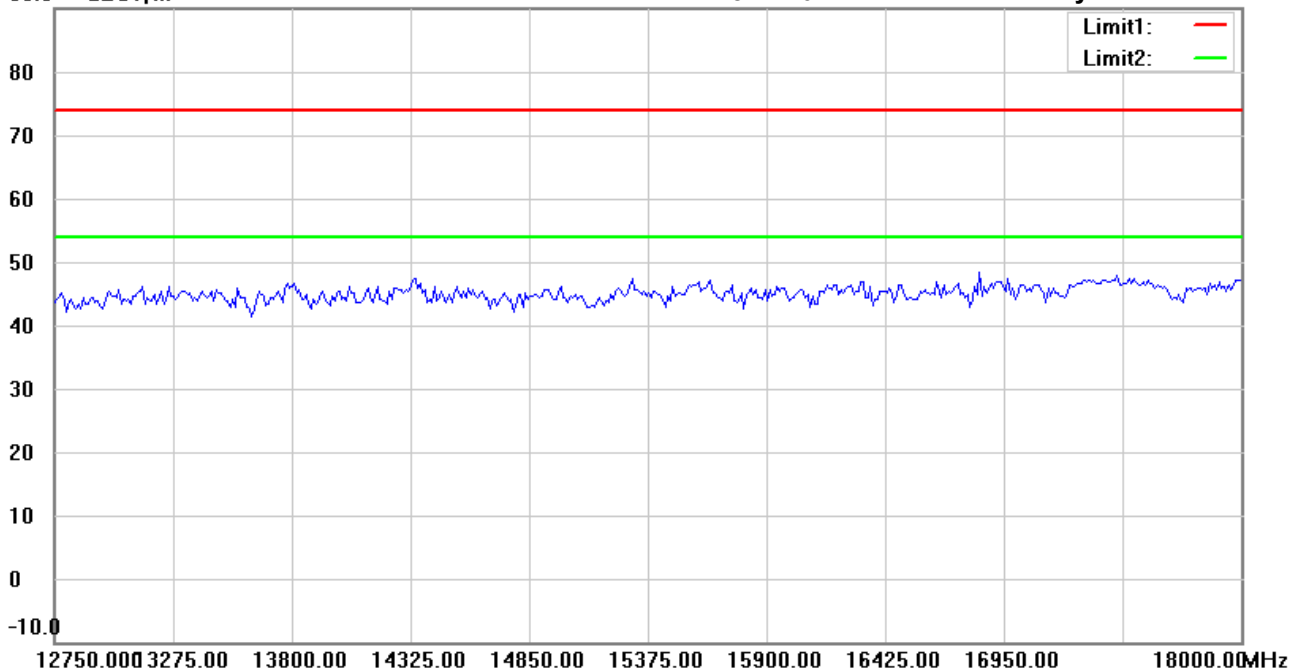
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:02:27 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

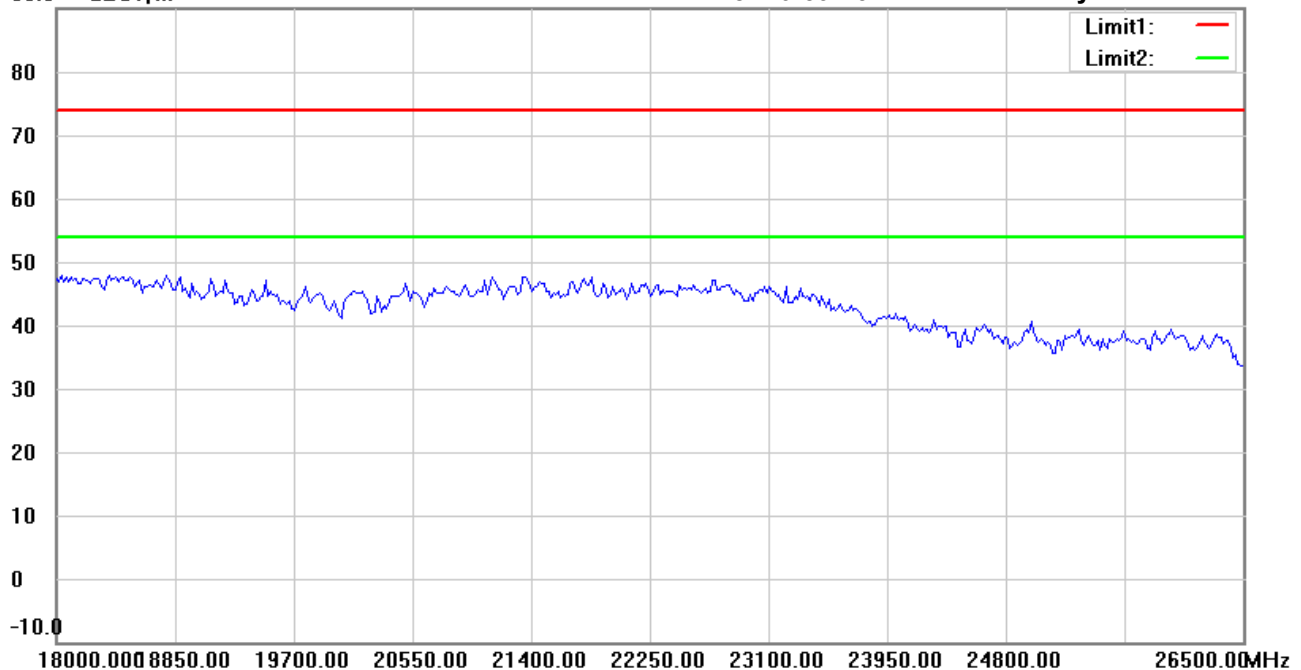
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 10:59:13 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

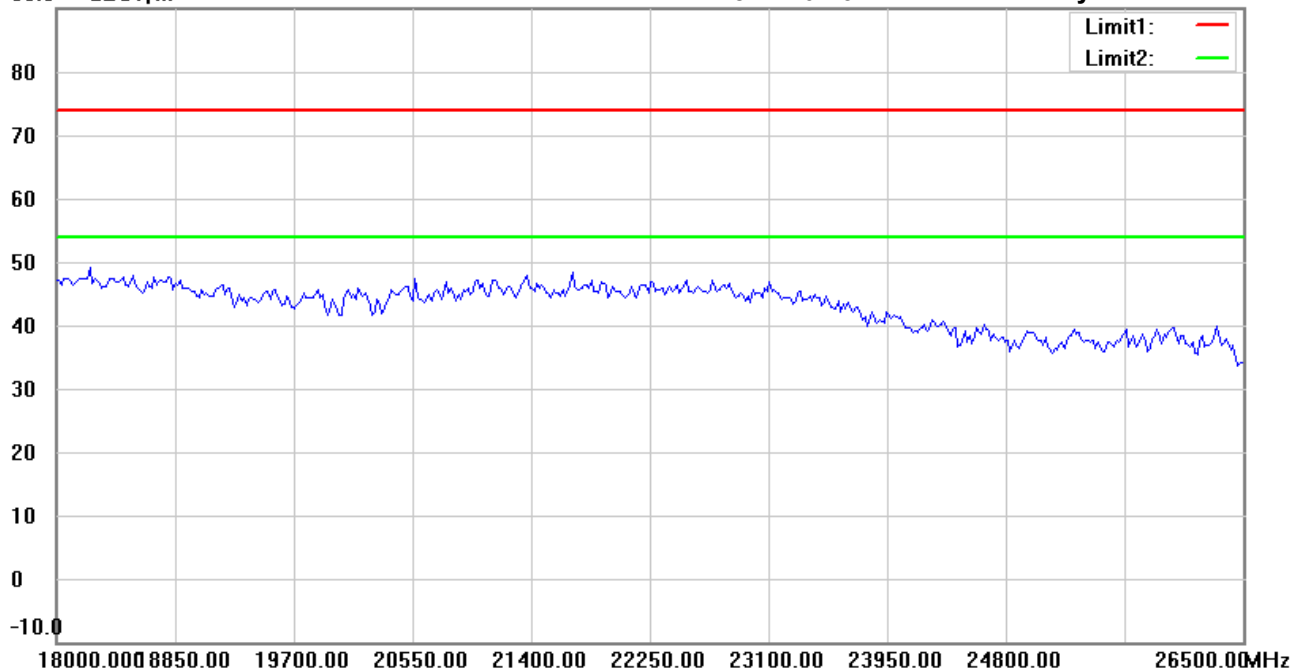
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:02:37 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

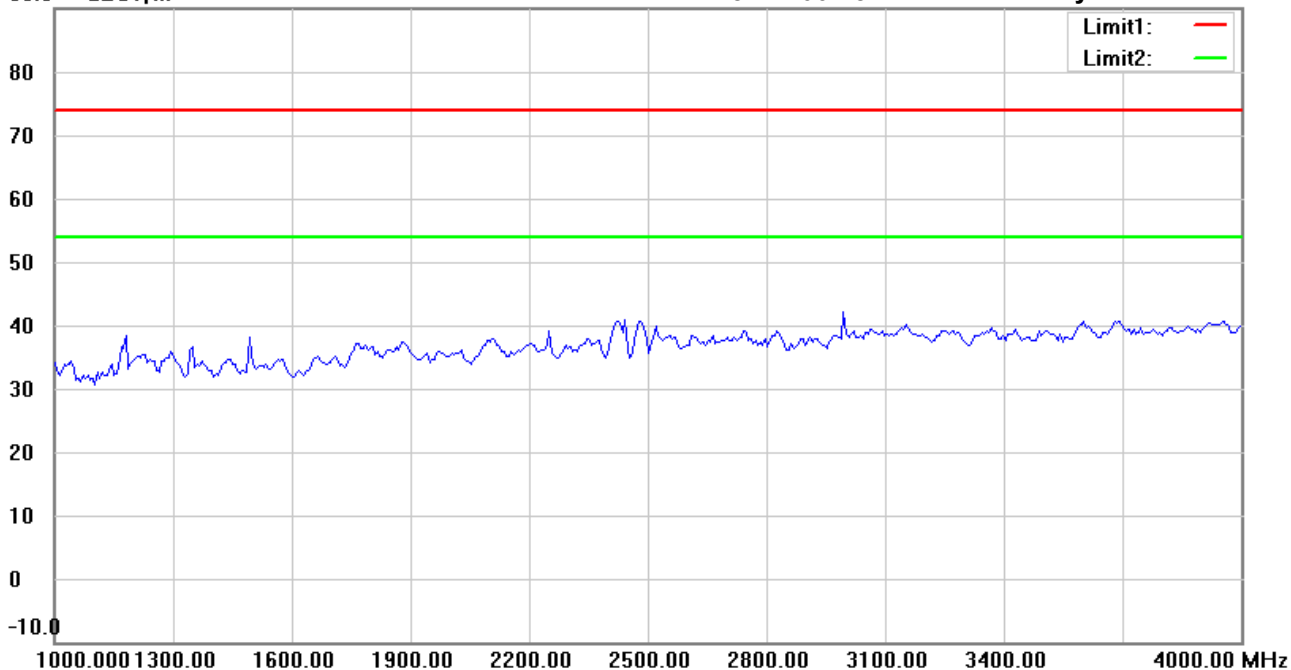
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:06:18 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

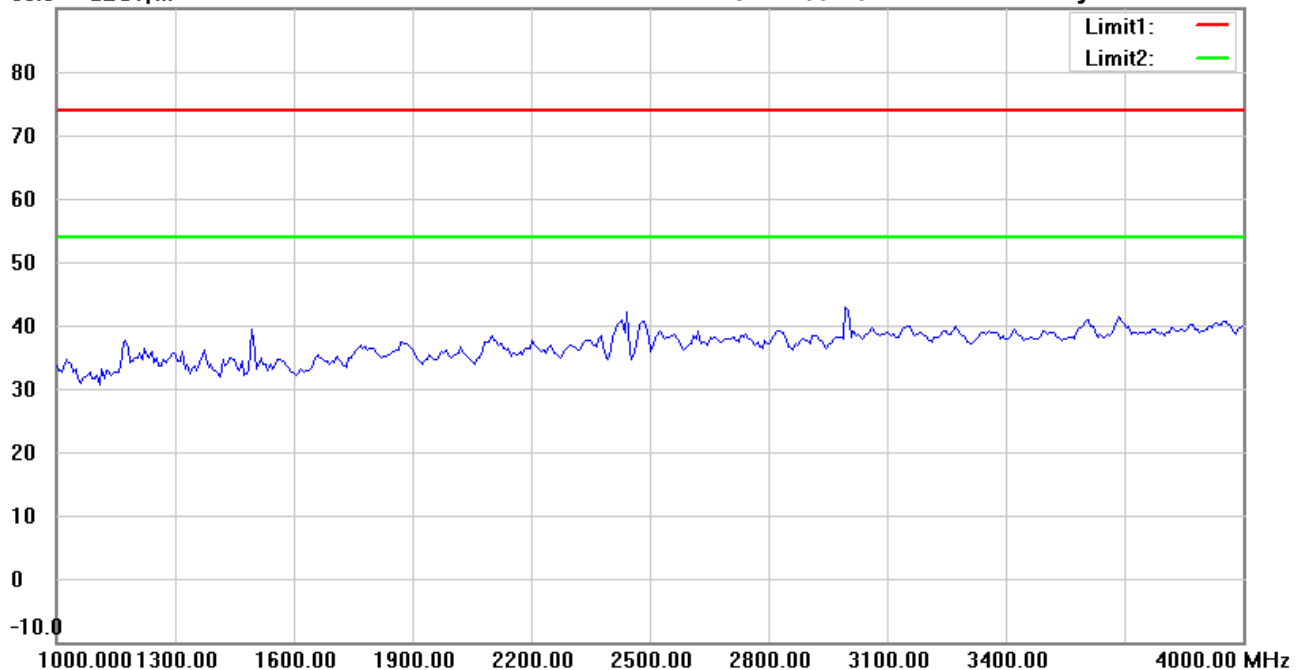
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:09:49 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

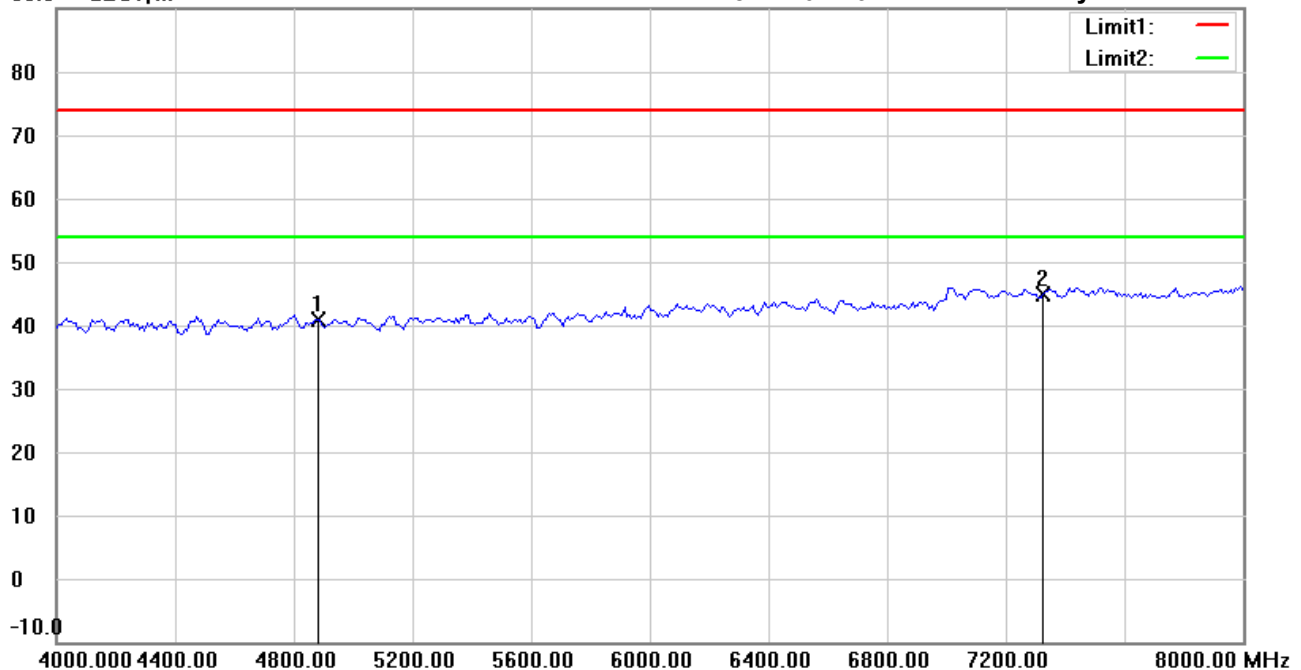
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:07:19 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4880.000	42.56	peak	-1.68	40.88	74.00	150	245	-33.12	
*	7320.000	41.35	peak	3.45	44.80	74.00	150	180	-29.20	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

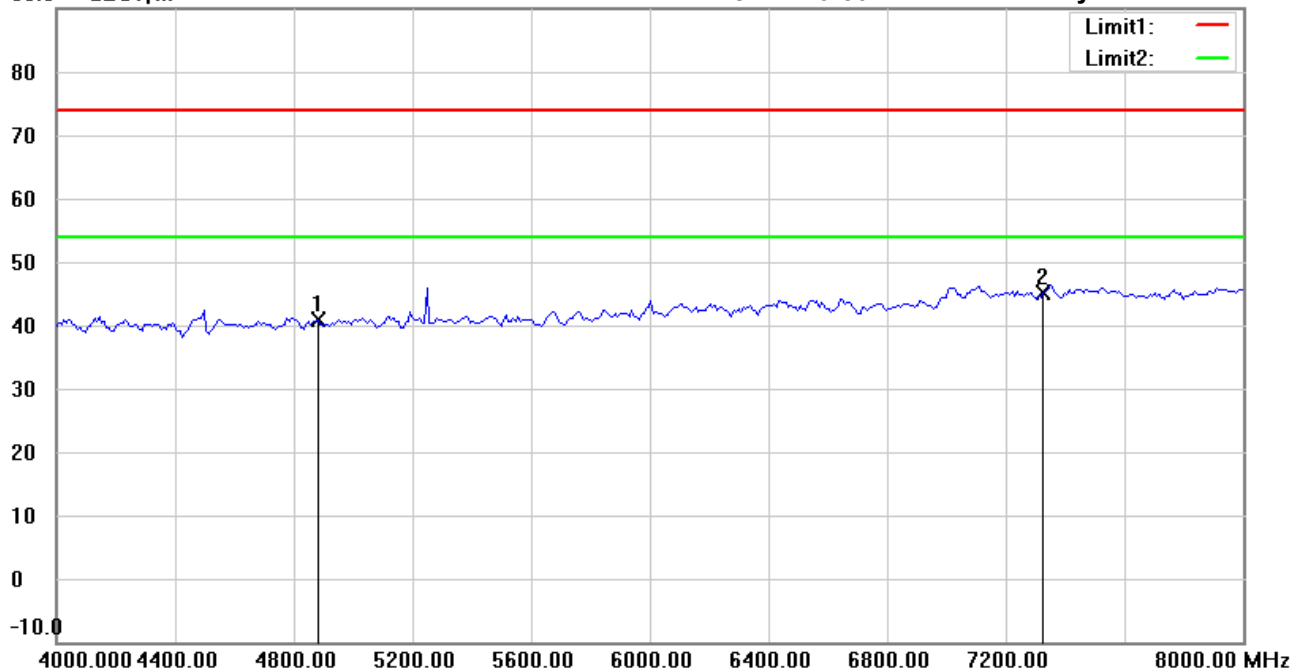
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:10:50 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4880.000	42.50	peak	-1.68	40.82	74.00	150	90	-33.18	
*	7320.000	41.75	peak	3.45	45.20	74.00	150	305	-28.80	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

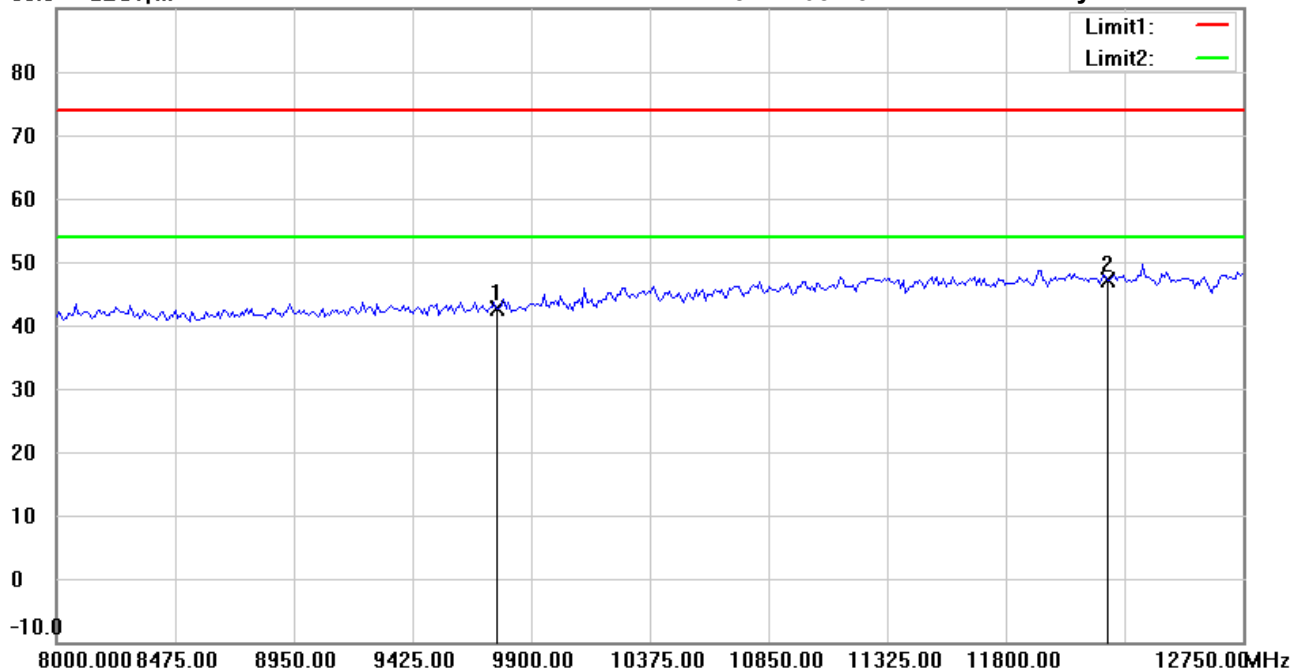
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:08:25 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9760.000	35.80	peak	6.76	42.56	74.00	150	225	-31.44	
*	12200.000	34.38	peak	12.85	47.23	74.00	150	280	-26.77	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

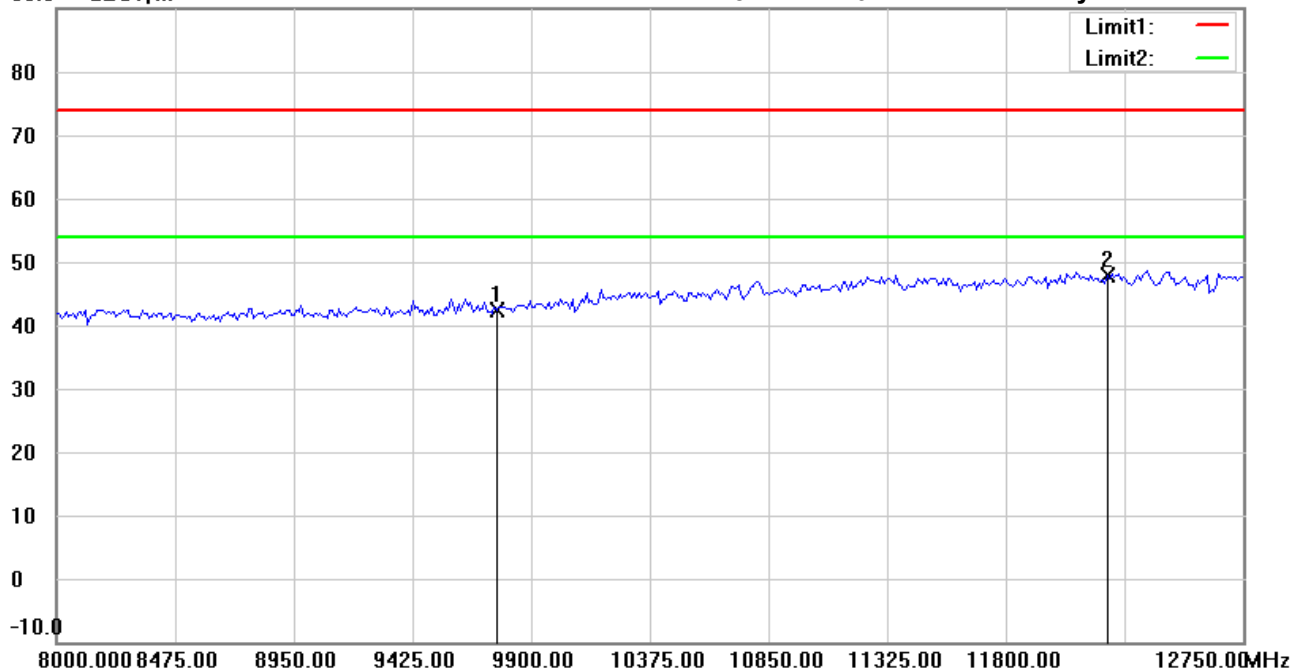
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:11:49 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9760.000	35.58	peak	6.76	42.34	74.00	150	180	-31.66	
*	12200.000	35.01	peak	12.85	47.86	74.00	150	225	-26.14	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

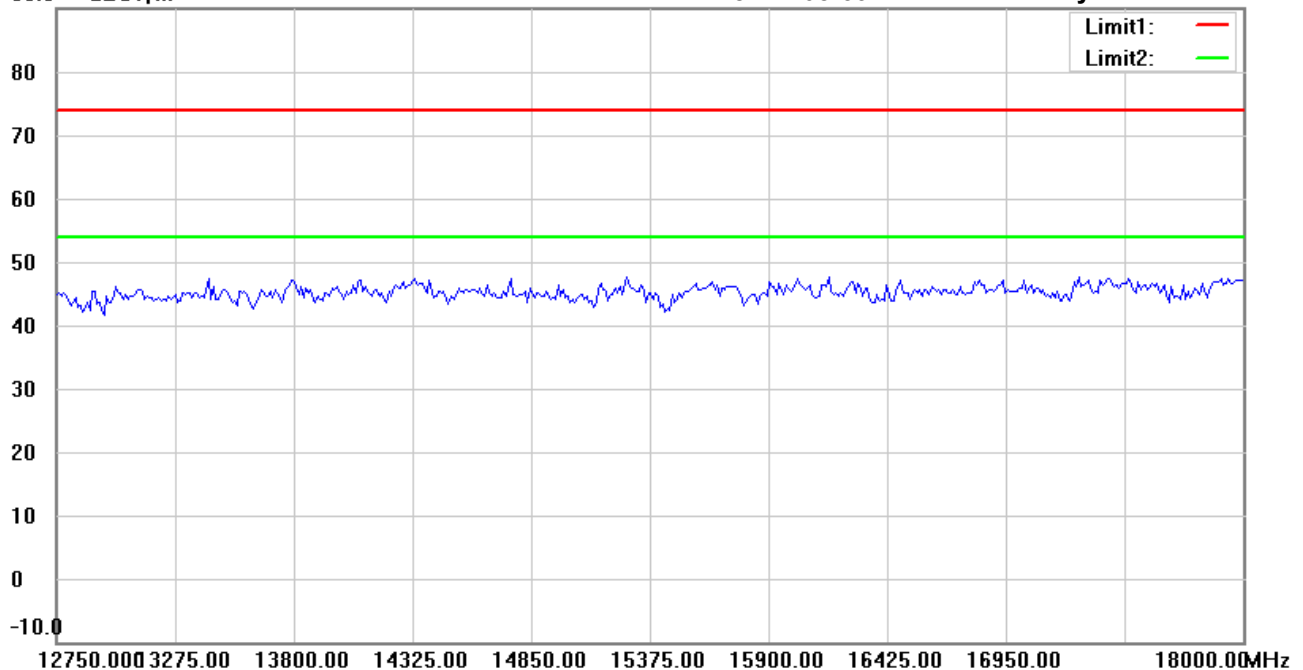
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:08:39 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#9

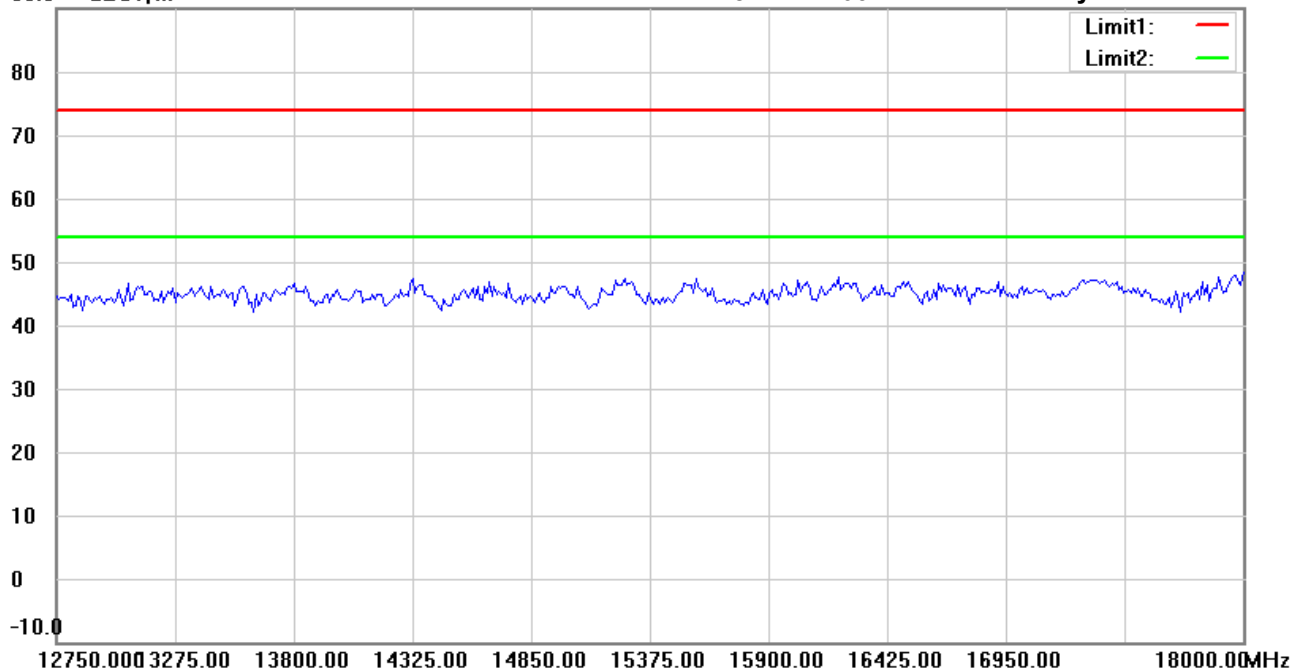
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:12:03 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

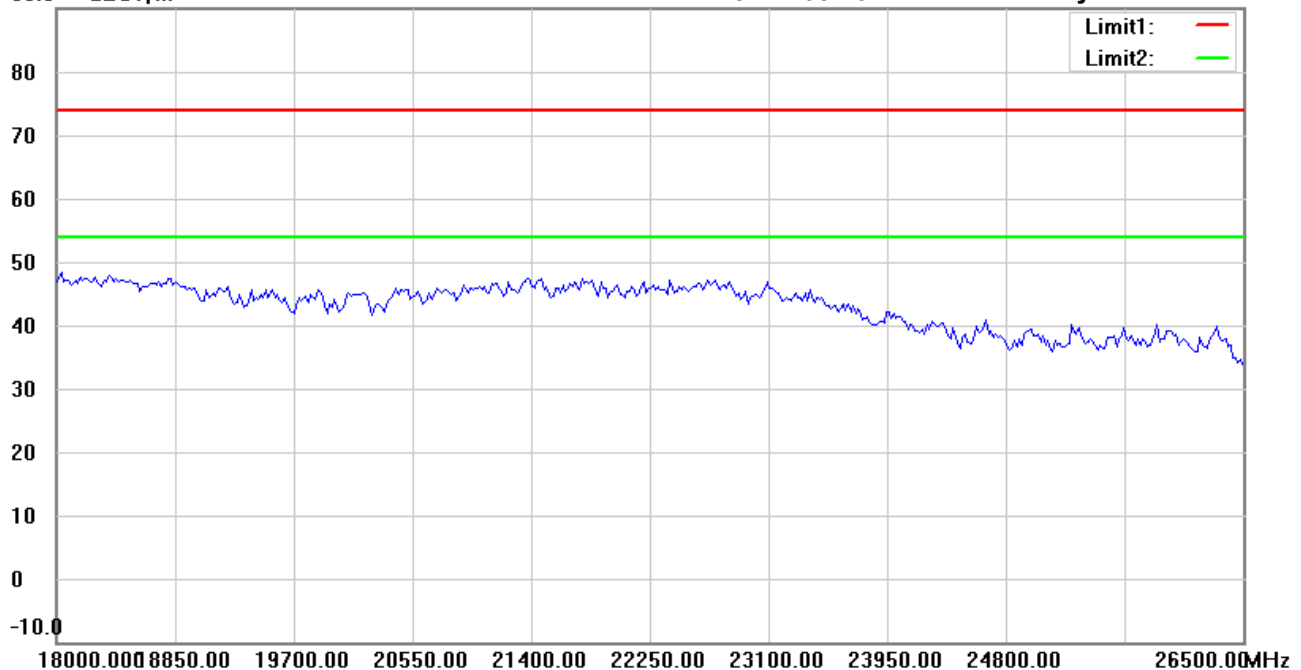
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:08:49 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

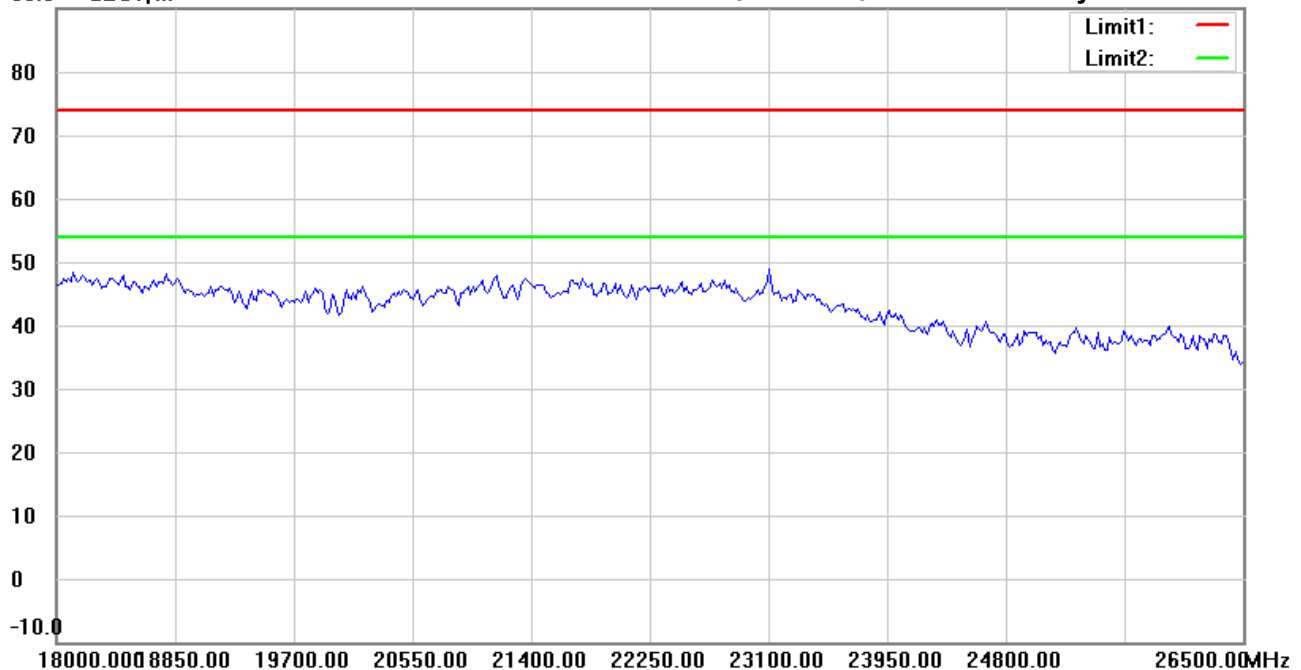
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:12:13 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

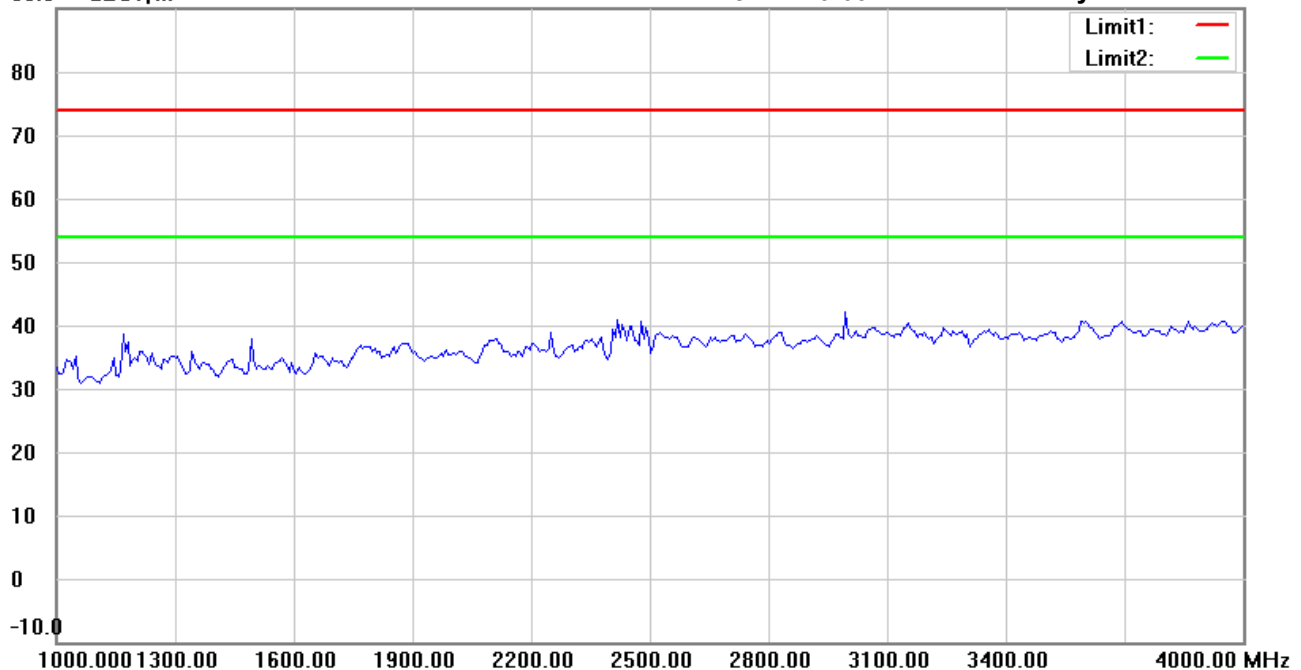
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:16:09 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

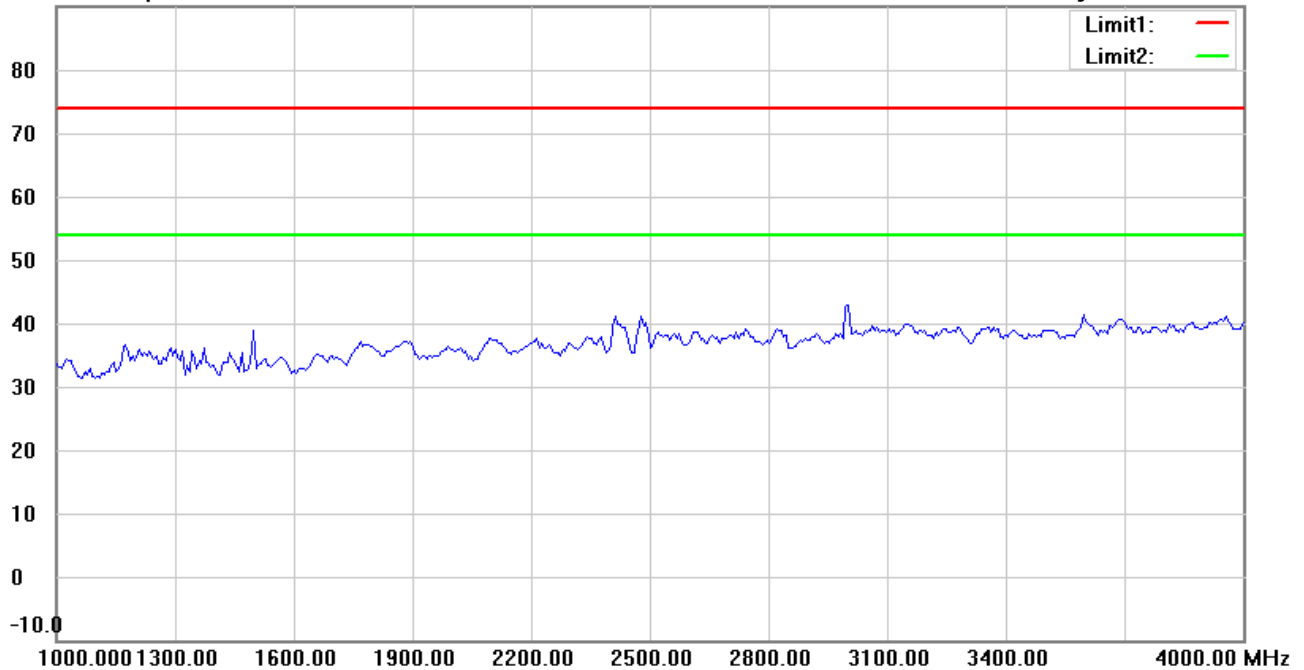
Date: 8/12/2019

Temperature:28.7 °C

90.0 dBuV/m

Time: 11:19:40 PM

Humidity:74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

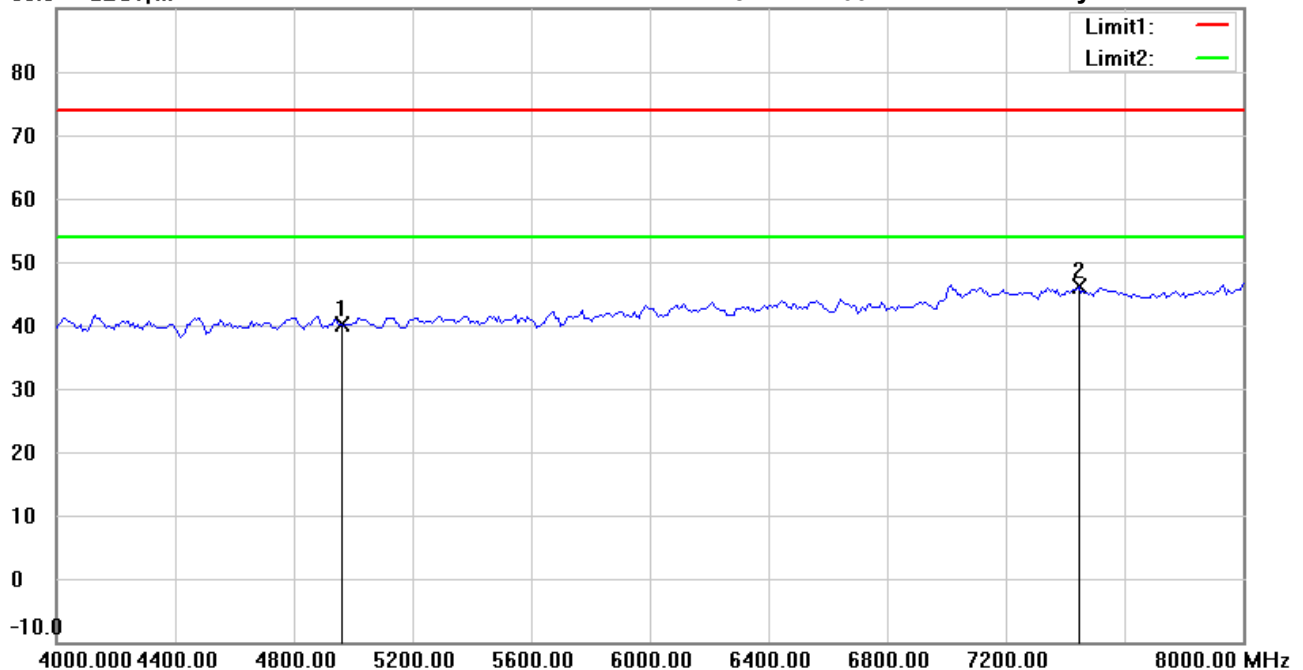
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:17:09 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.56	peak	-1.35	40.21	74.00	150	90	-33.79	
*	7440.000	42.48	peak	3.72	46.20	74.00	150	170	-27.80	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

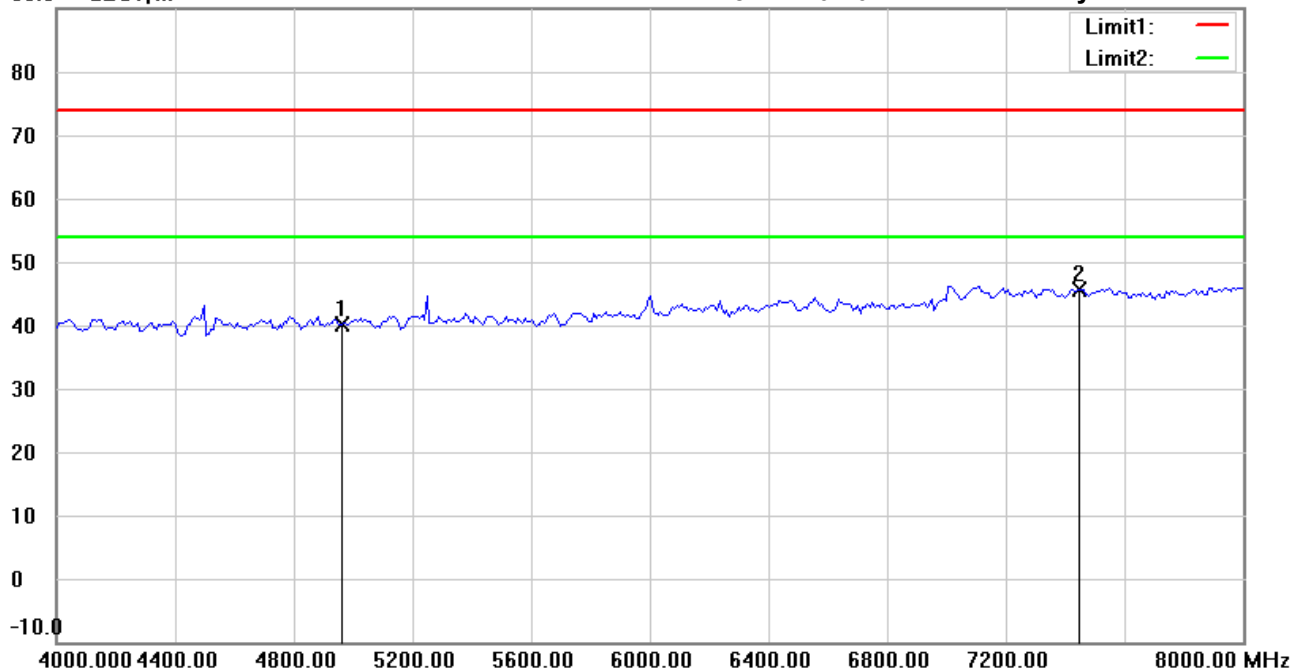
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:20:40 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.46	peak	-1.35	40.11	74.00	150	90	-33.89	
*	7440.000	41.96	peak	3.72	45.68	74.00	150	305	-28.32	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

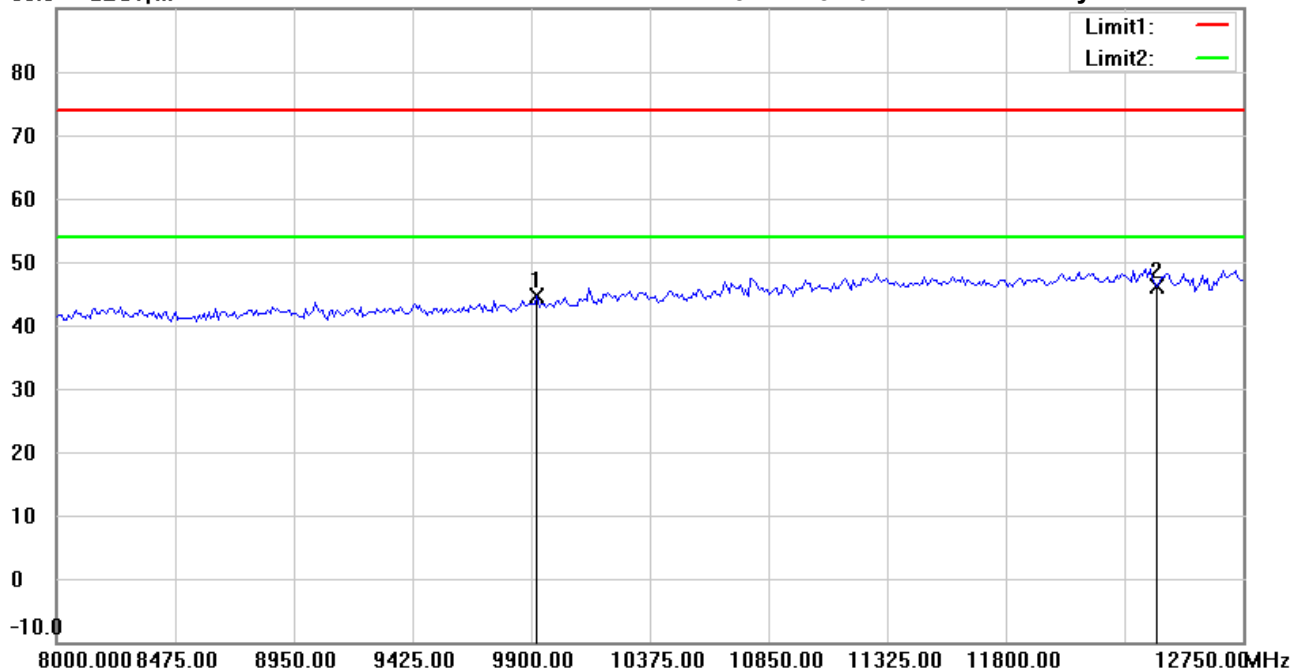
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:18:16 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	37.38	peak	7.16	44.54	74.00	150	80	-29.46	
*	12400.000	33.44	peak	12.75	46.19	74.00	150	225	-27.81	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

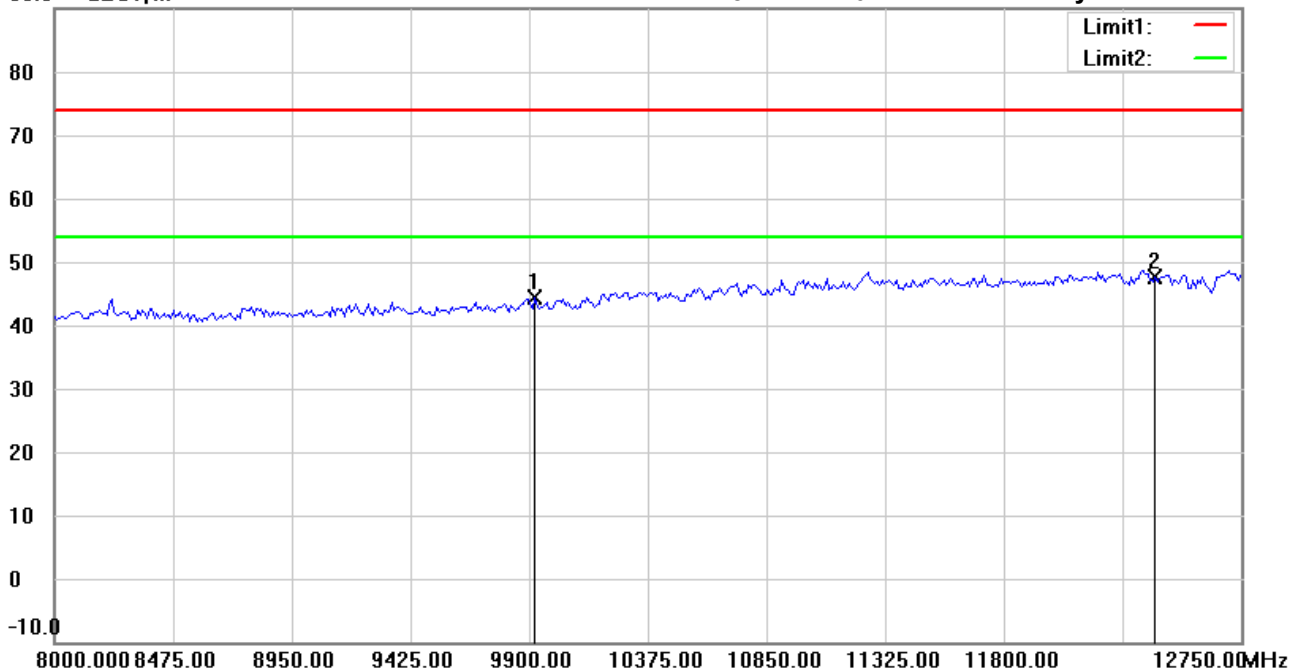
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:21:40 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	37.23	peak	7.16	44.39	74.00	150	55	-29.61	
*	12400.000	34.90	peak	12.75	47.65	74.00	150	280	-26.35	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

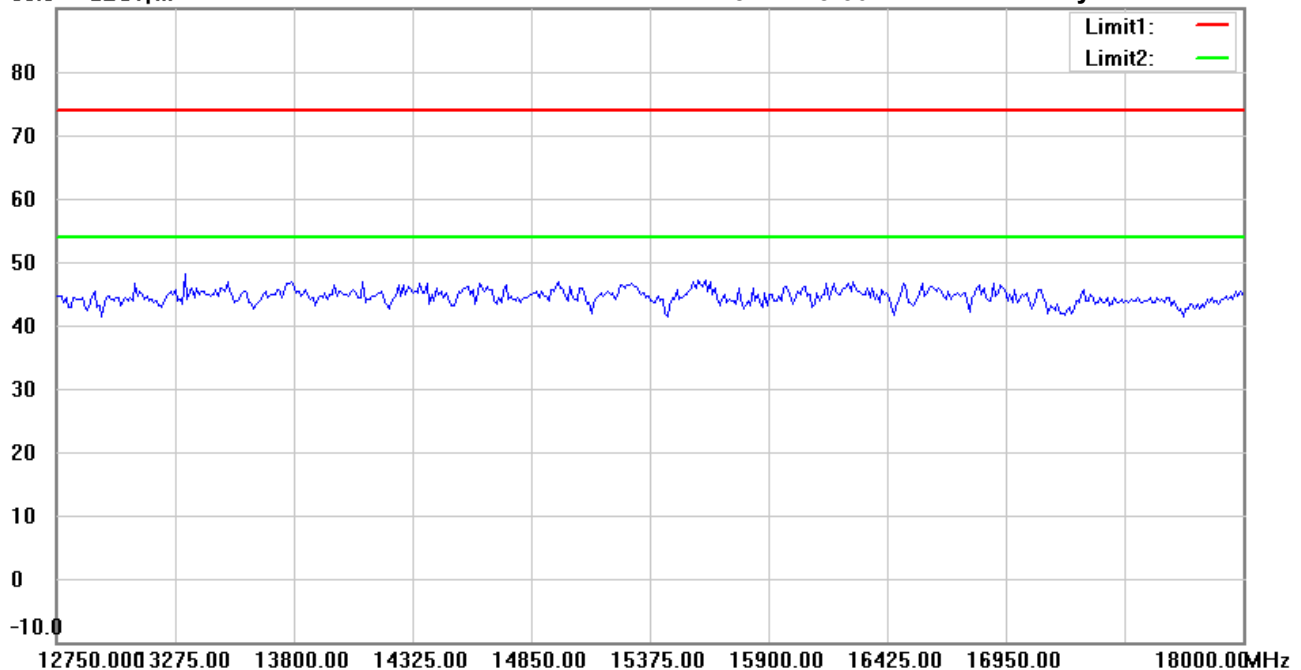
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:18:30 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

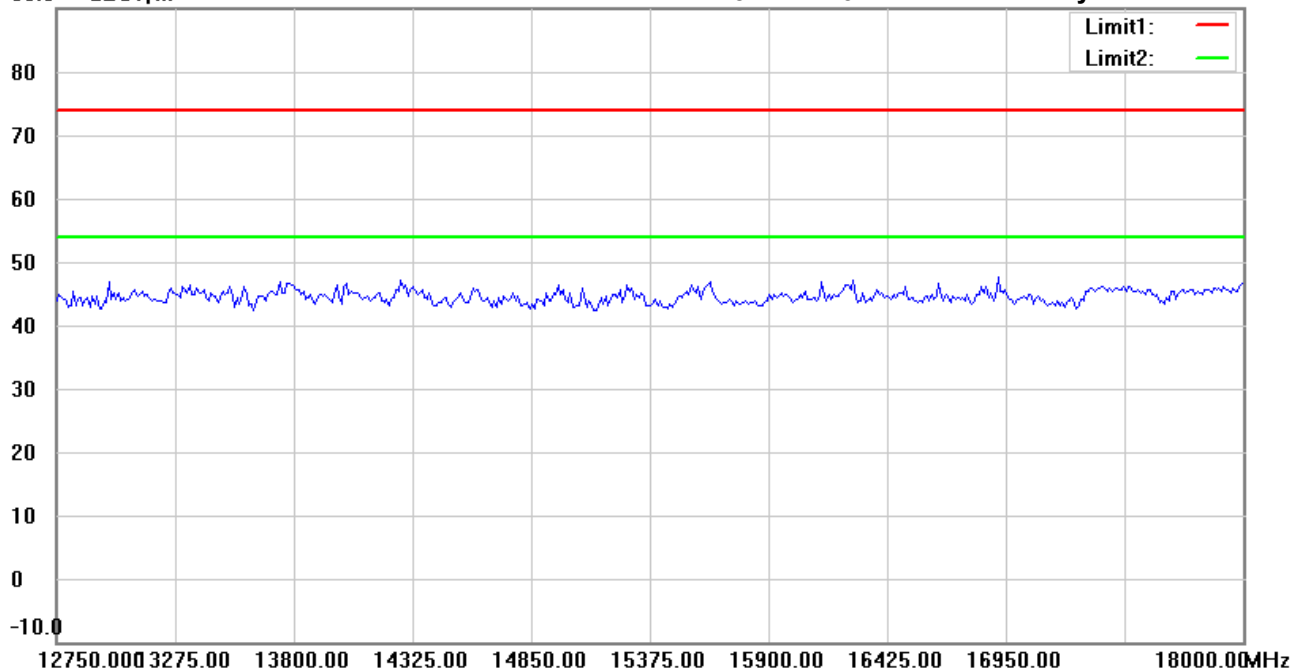
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:21:54 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

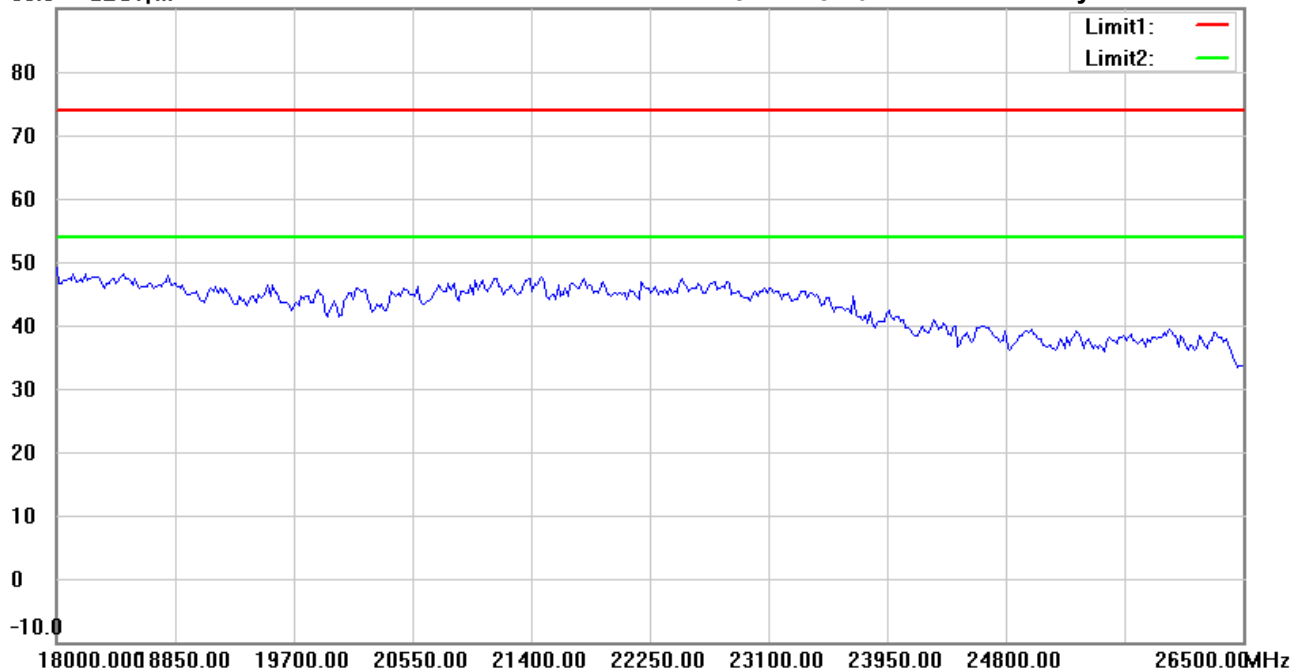
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:18:40 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

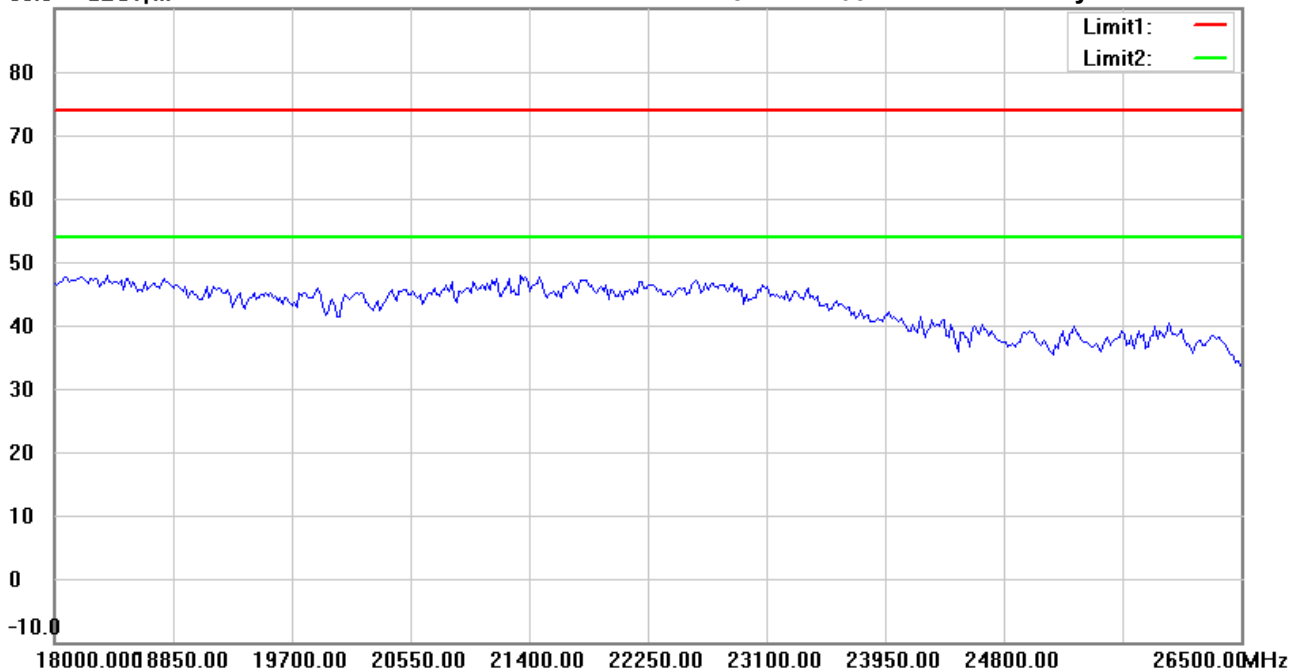
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:22:03 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Sky

File : 1_TX 2420MHz_below

Data : #1

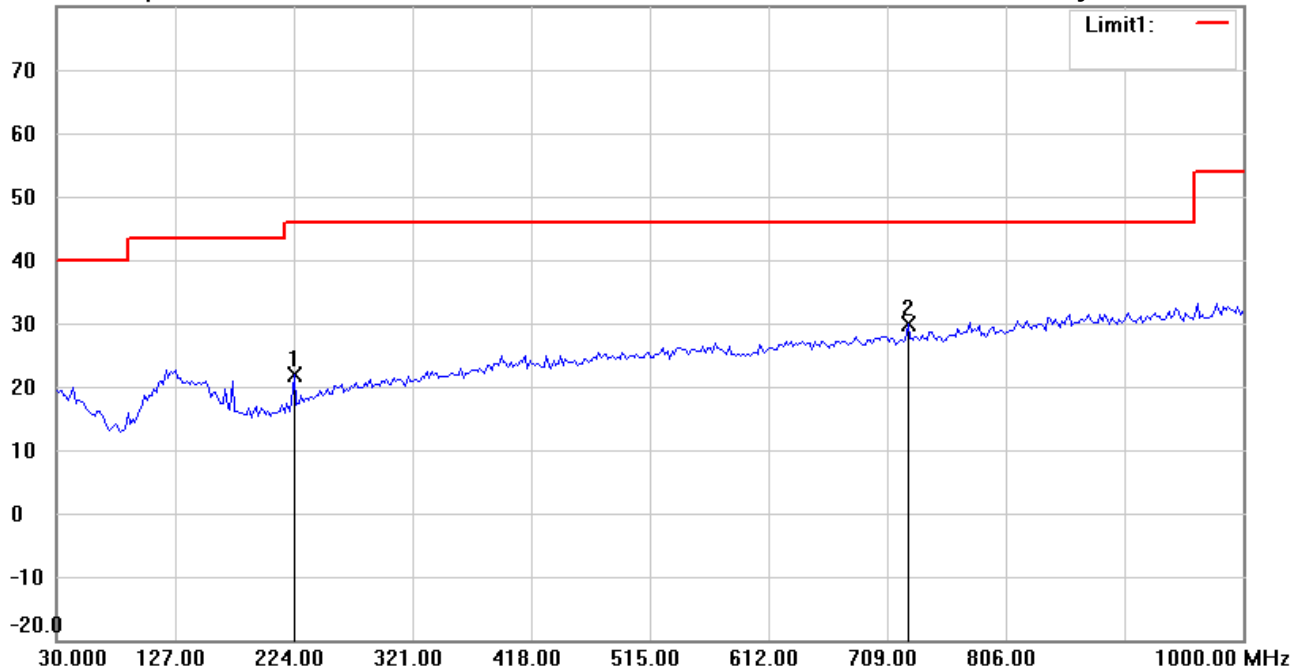
Date: 10/7/2019

Temperature: 27.6 °C

80.0 dBuV/m

Time: 5:02:05 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	224.3888	31.46	peak	-9.69	21.77	46.00	100	255	-24.23	
*	725.9118	30.06	peak	-0.12	29.94	46.00	100	170	-16.06	



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Radiated Emission Measurement

Operator: Sky

File : 1_TX 2420MHz_below

Data : #2

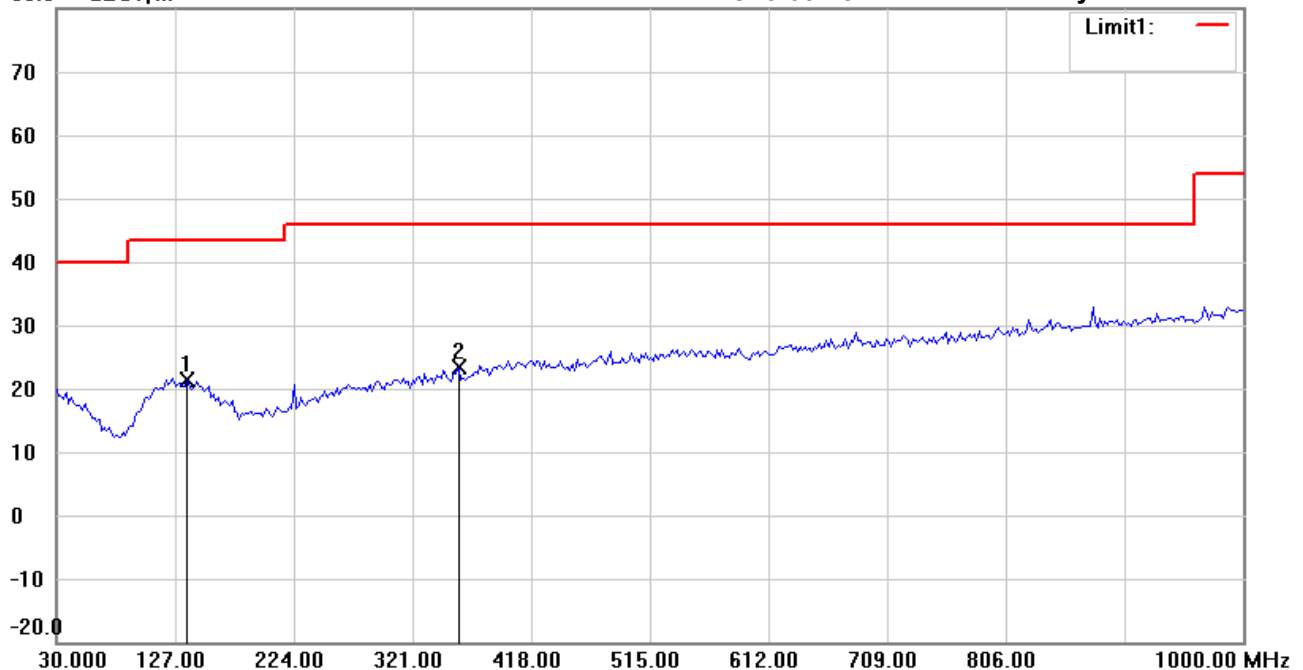
Date: 10/7/2019

Temperature: 27.6 °C

80.0 dBuV/m

Time: 5:03:28 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	136.9138	27.89	peak	-6.44	21.45	43.50	100	15	-22.05	
	358.5170	28.45	peak	-5.02	23.43	46.00	100	165	-22.57	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

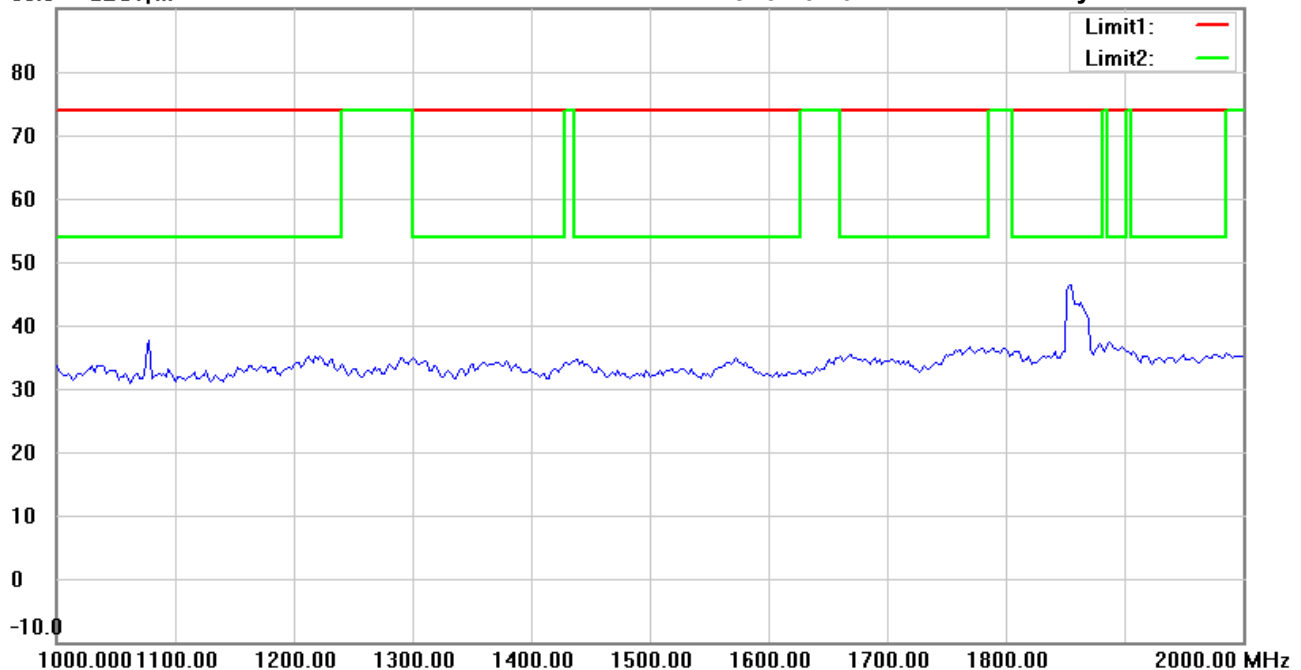
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:13:19 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

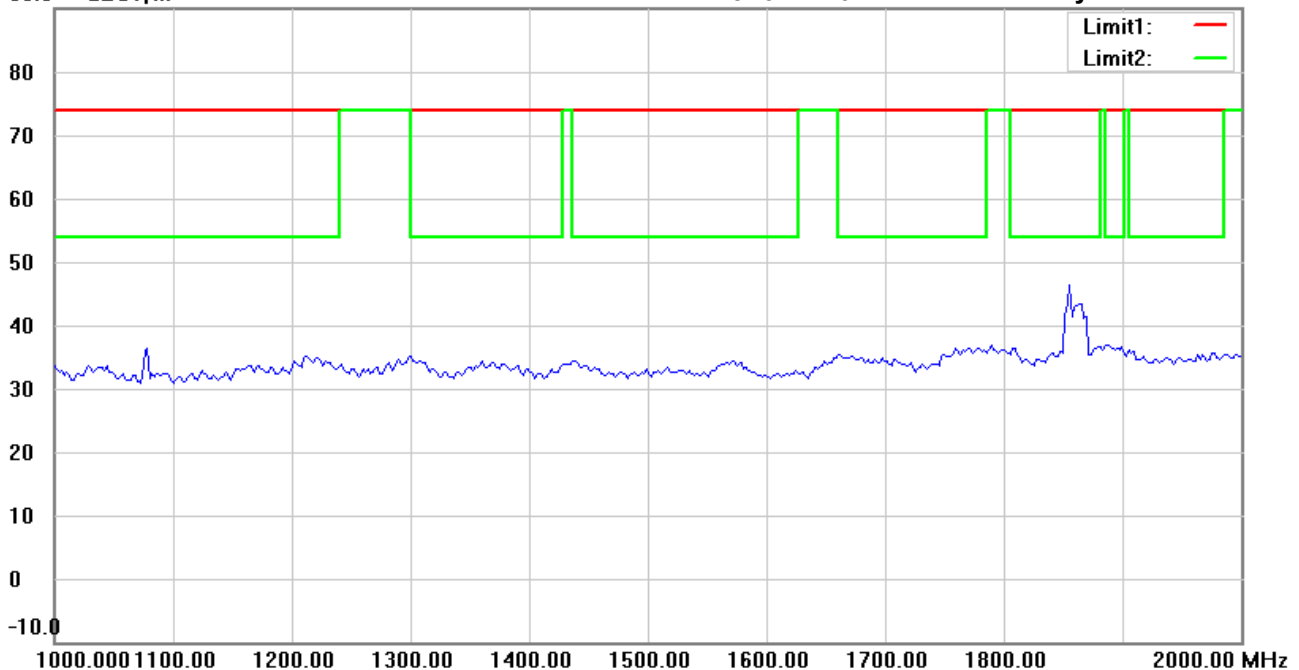
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:14:19 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

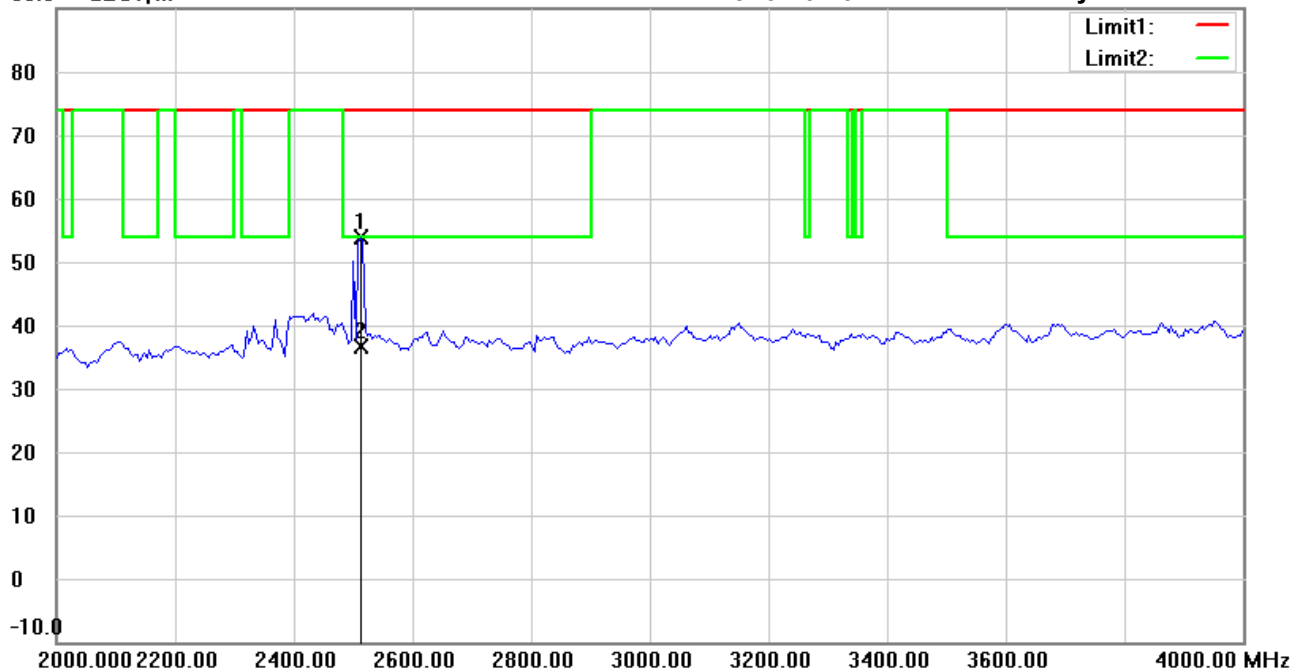
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:16:43 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2513.026	58.65	peak	-4.65	54.00	74.00	150	236	-20.00	
*	2513.026	41.38	AVG	-4.65	36.73	54.00	150	236	-17.27	

*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

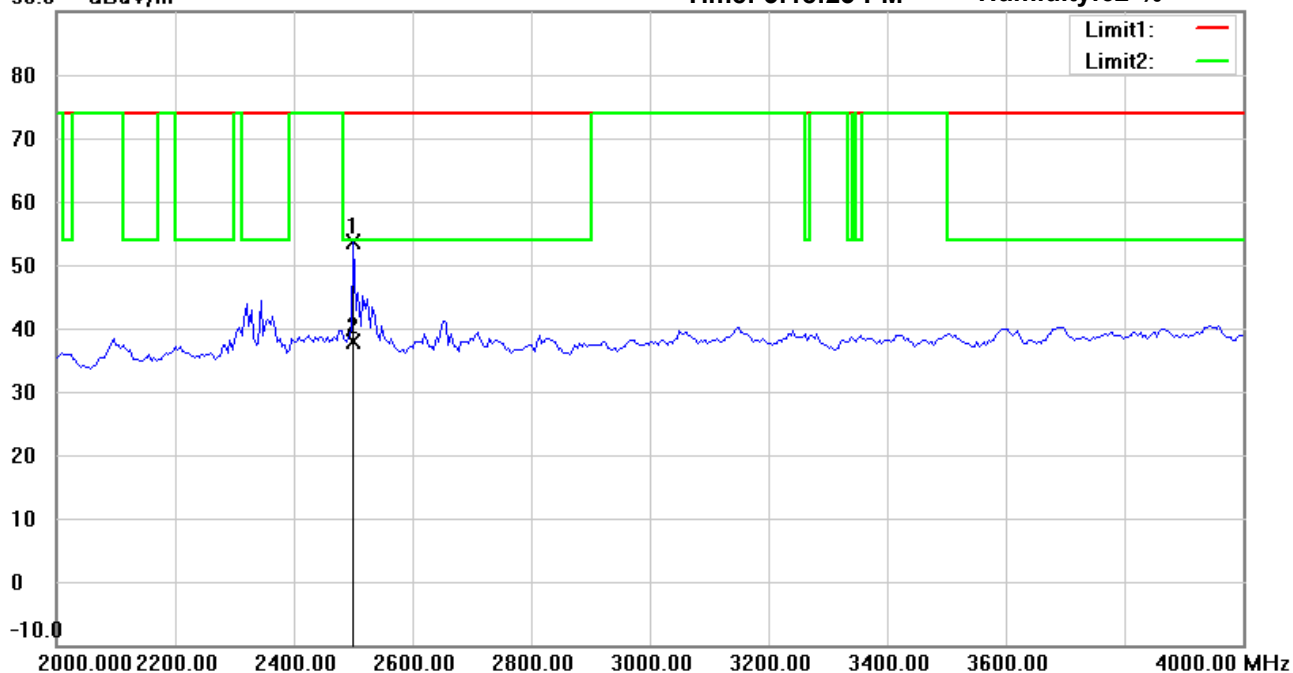
Date: 10/7/2019

Temperature:27.6 °C

90.0 dBuV/m

Time: 3:18:23 PM

Humidity:62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2501.002	58.29	peak	-4.57	53.72	74.00	150	138	-20.28	
*	2501.002	42.36	AVG	-4.57	37.79	54.00	150	138	-16.21	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

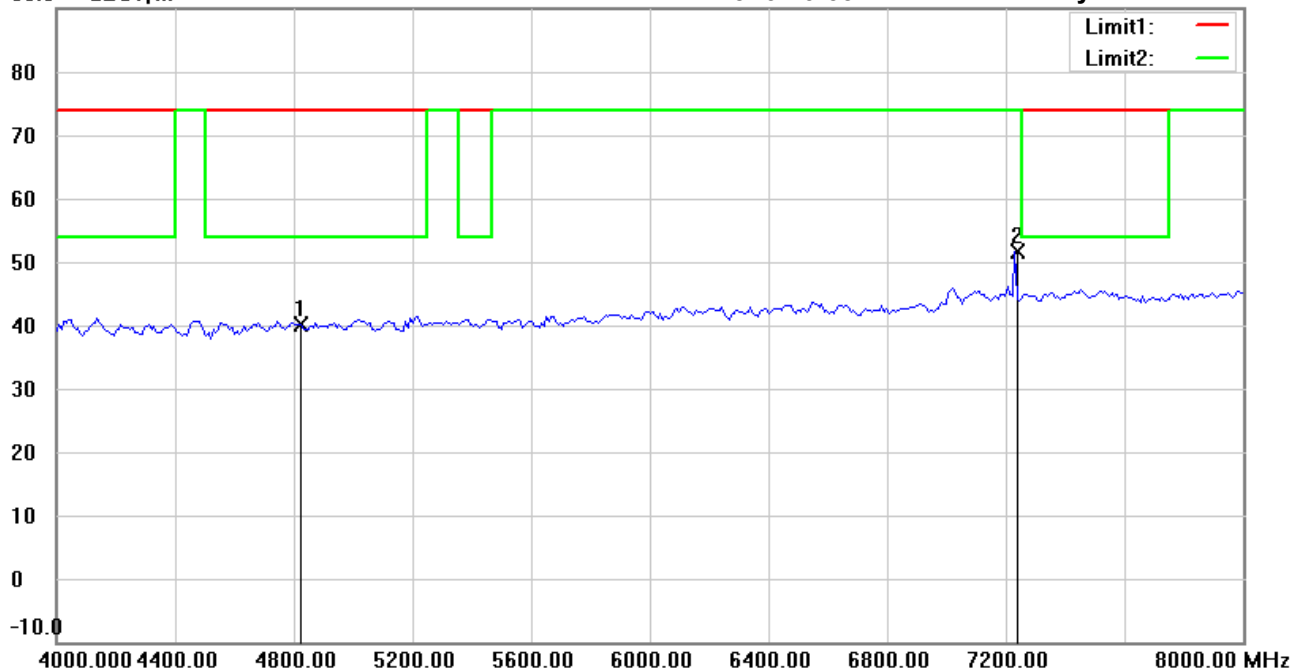
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:23:58 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4820.000	42.10	peak	-1.89	40.21	74.00	150	36	-33.79	
*	7230.461	48.43	peak	3.27	51.70	74.00	150	170	-22.30	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#9

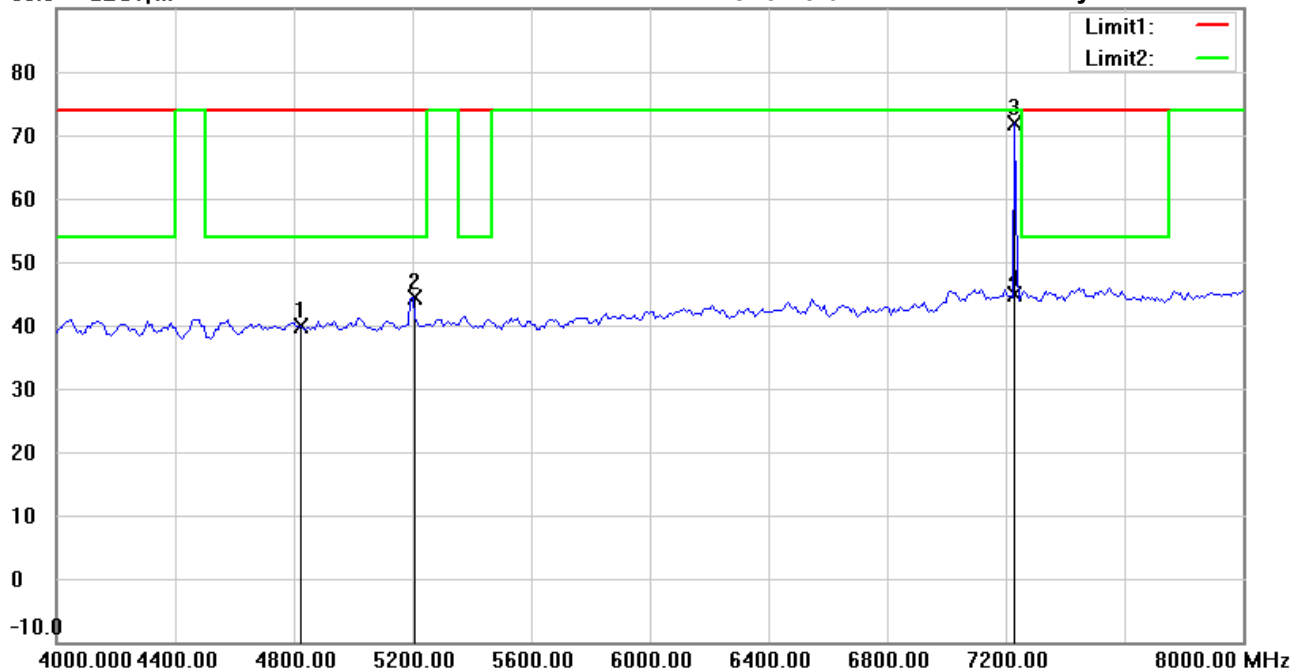
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:25:04 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4820.000	41.73	peak	-1.89	39.84	74.00	150	145	-34.16	
	5202.405	44.96	peak	-0.57	44.39	74.00	150	50	-29.61	
*	7228.808	68.59	peak	3.27	71.86	74.00	195	184	-2.14	
	7228.808	41.70	AVG	3.27	44.97	74.00	195	184	-29.03	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

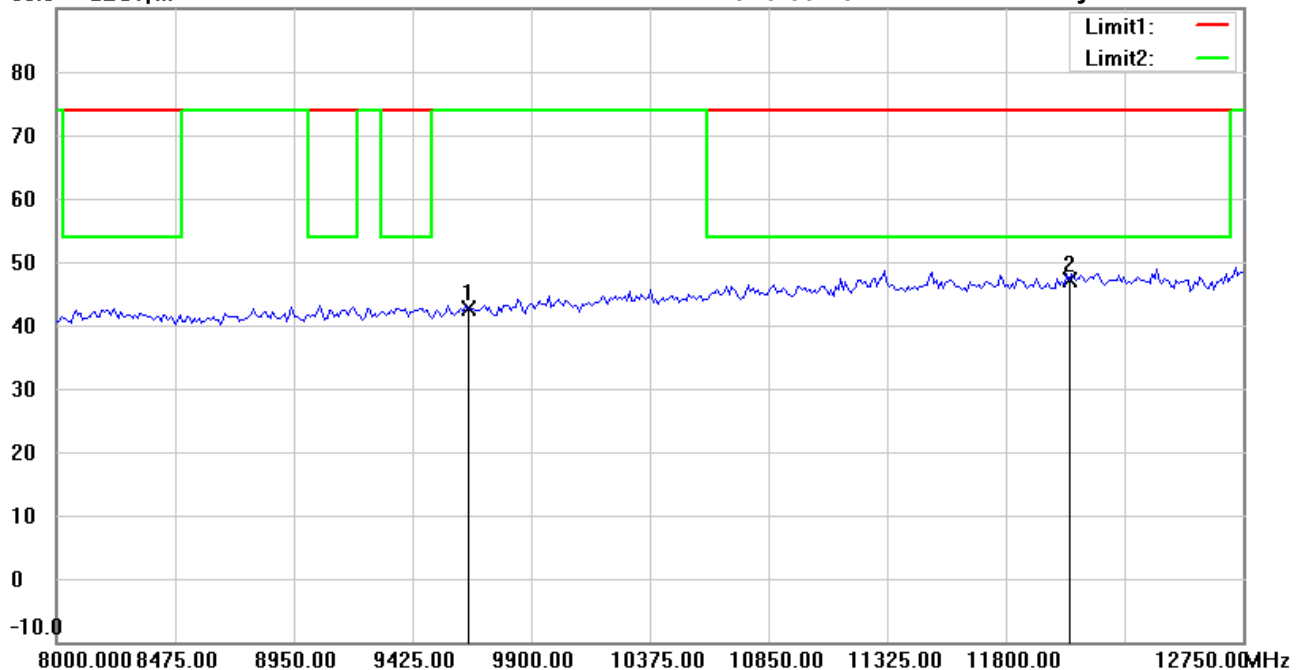
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:33:13 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9640.000	35.94	peak	6.59	42.53	74.00	150	40	-31.47	
*	12050.000	34.97	peak	12.09	47.06	74.00	150	170	-26.94	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

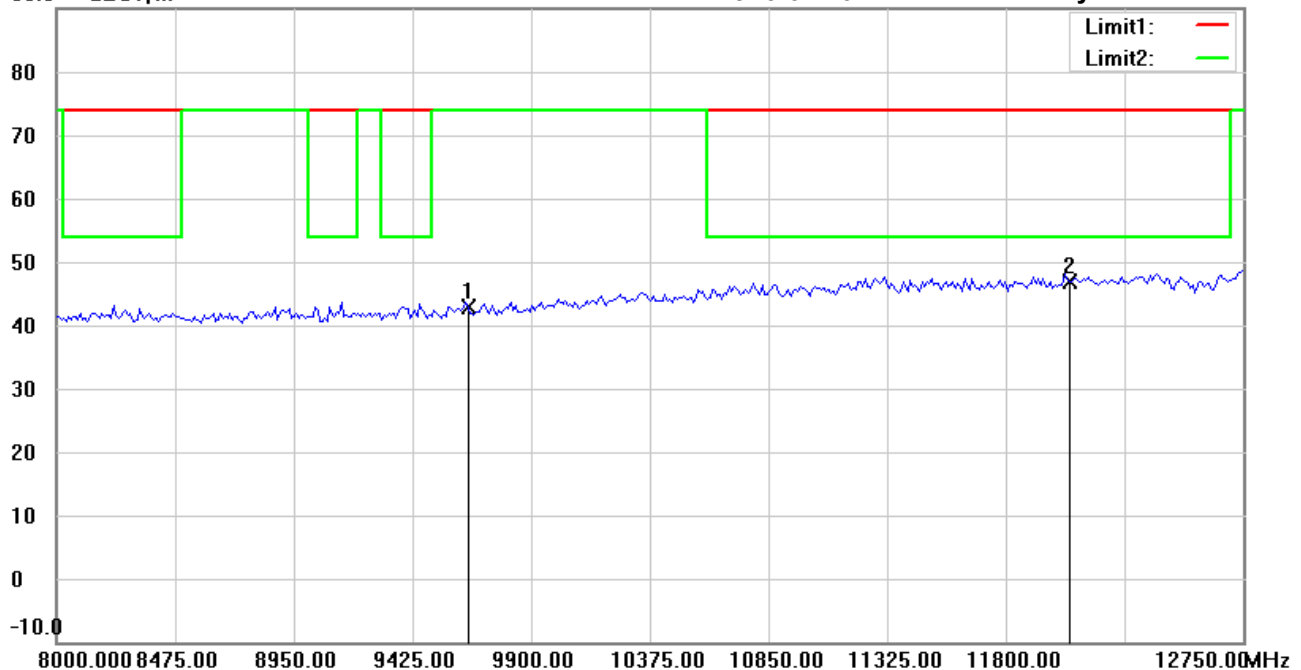
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:34:29 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9640.000	36.41	peak	6.59	43.00	74.00	150	330	-31.00	
*	12050.000	34.89	peak	12.09	46.98	74.00	150	160	-27.02	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

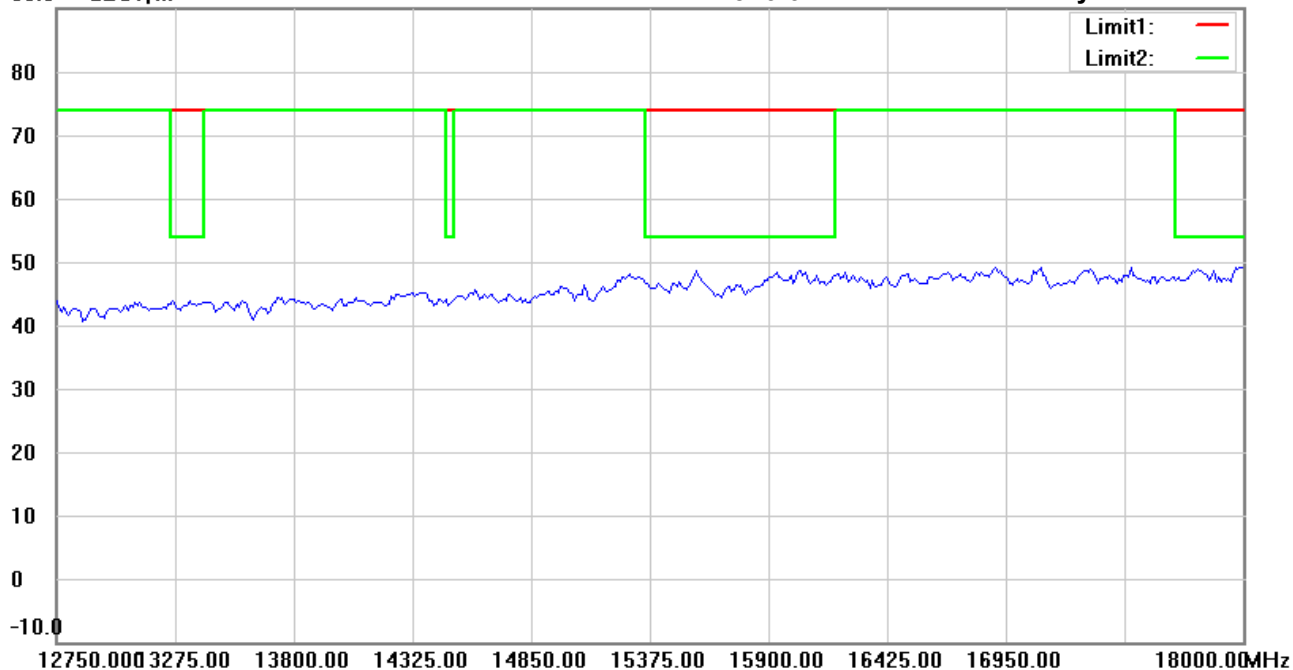
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:37:17 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #11

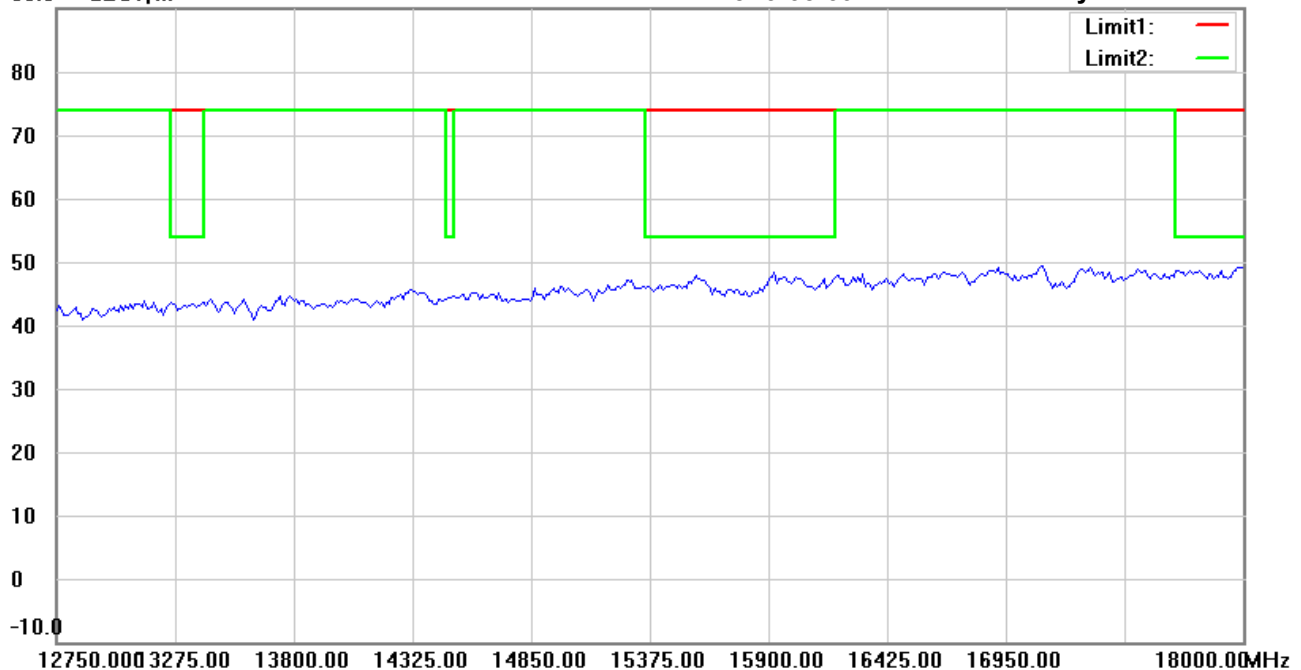
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:38:39 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

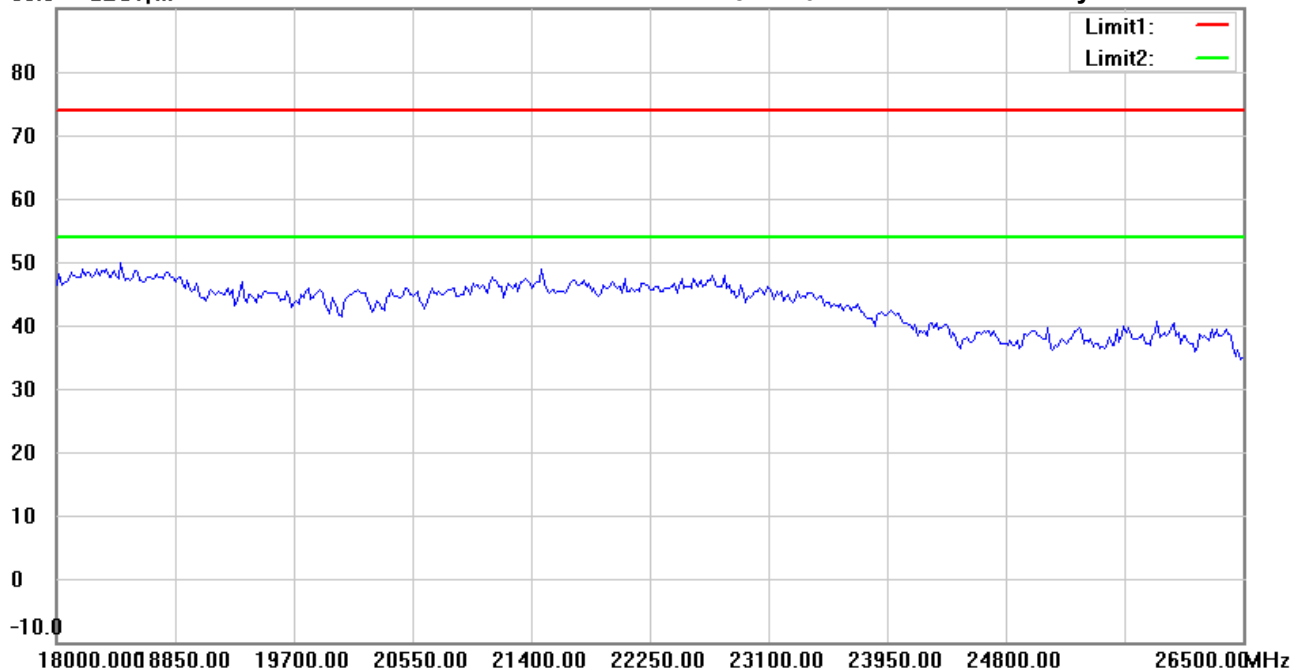
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 7:46:22 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#12

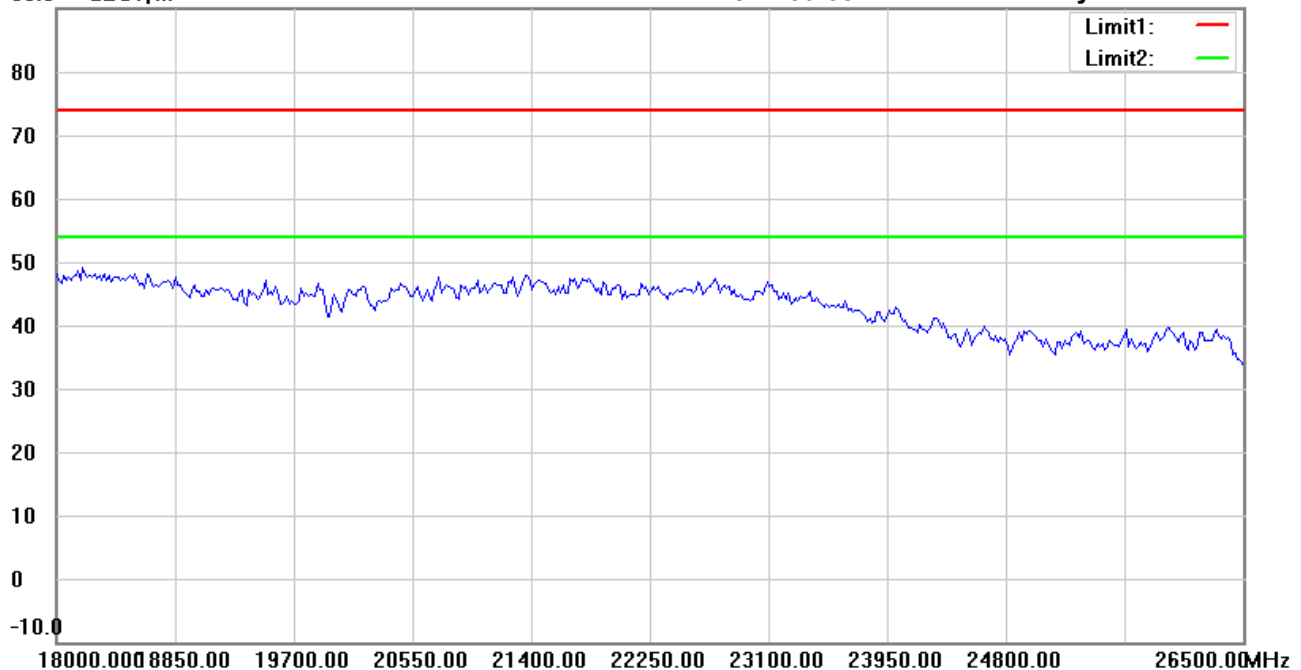
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 7:50:38 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2410MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#1

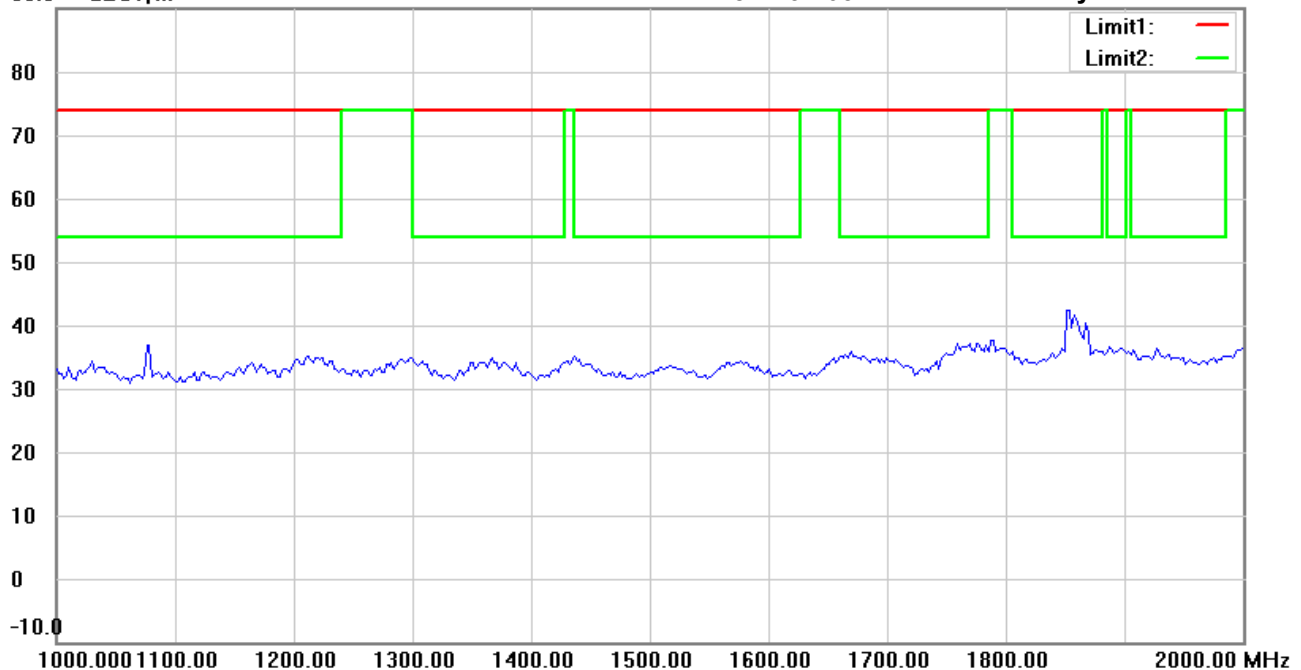
Date: 10/7/2019

Temperature:27.6 °C

90.0 dBuV/m

Time: 2:31:05 PM

Humidity:62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

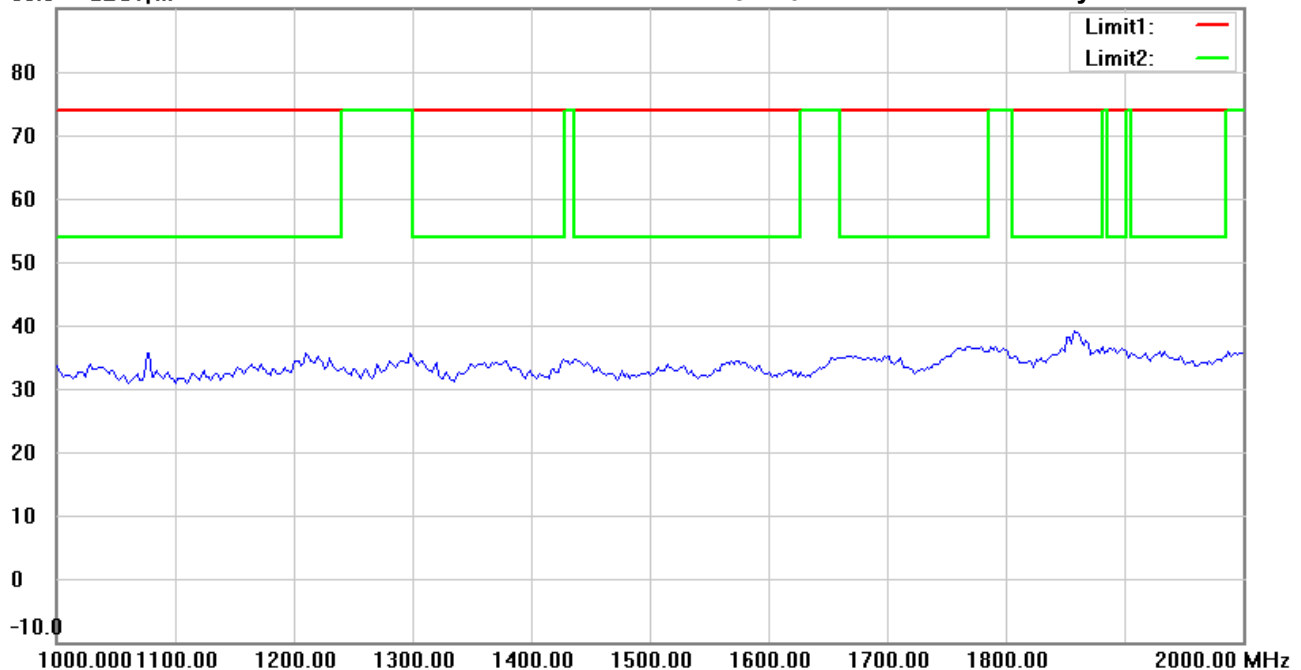
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 2:32:11 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

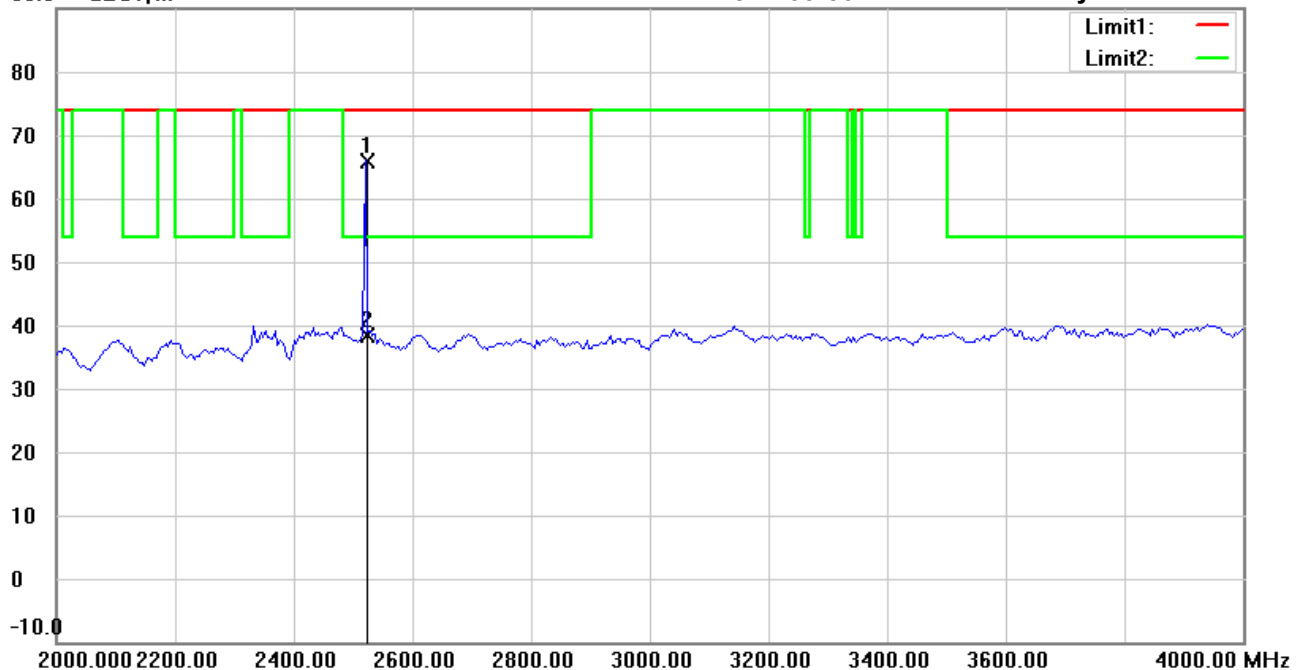
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 2:33:56 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2521.265	70.51	peak	-4.71	65.80	74.00	165	360	-8.20	
	2521.265	43.07	AVG	-4.71	38.36	54.00	165	360	-15.64	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

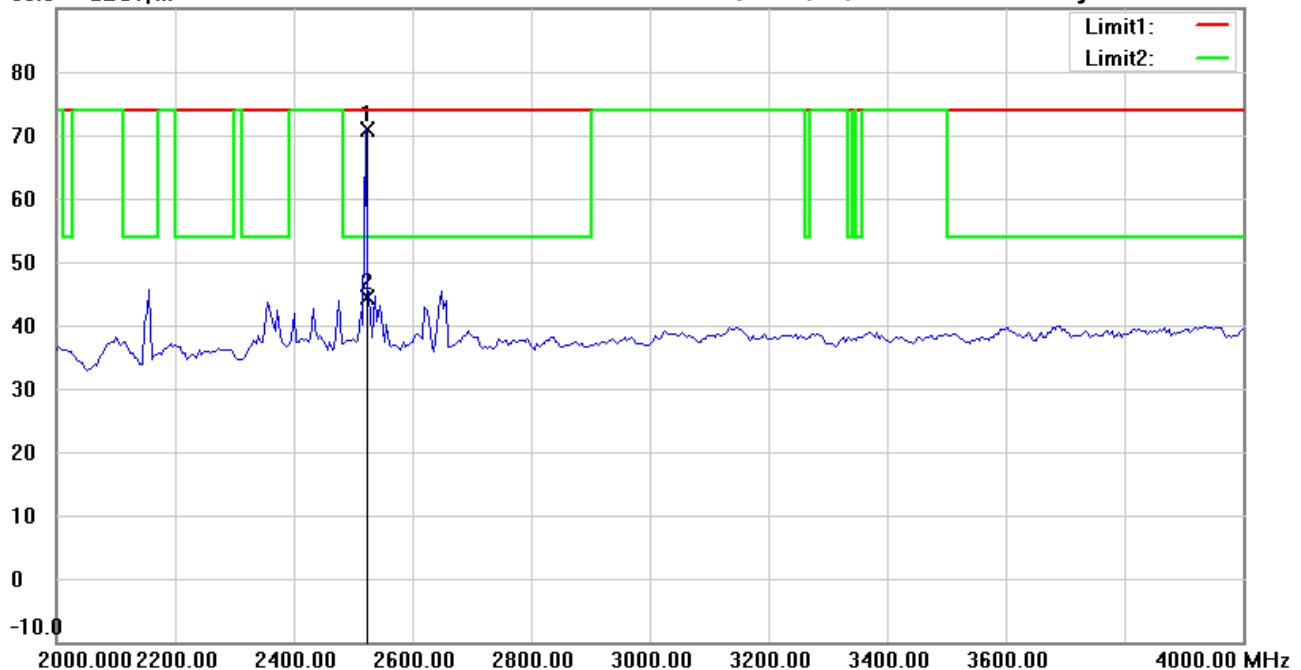
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 2:43:46 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2521.879	75.47	peak	-4.71	70.76	74.00	150	185	-3.24	
	2521.879	49.12	AVG	-4.71	44.41	54.00	150	185	-9.59	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

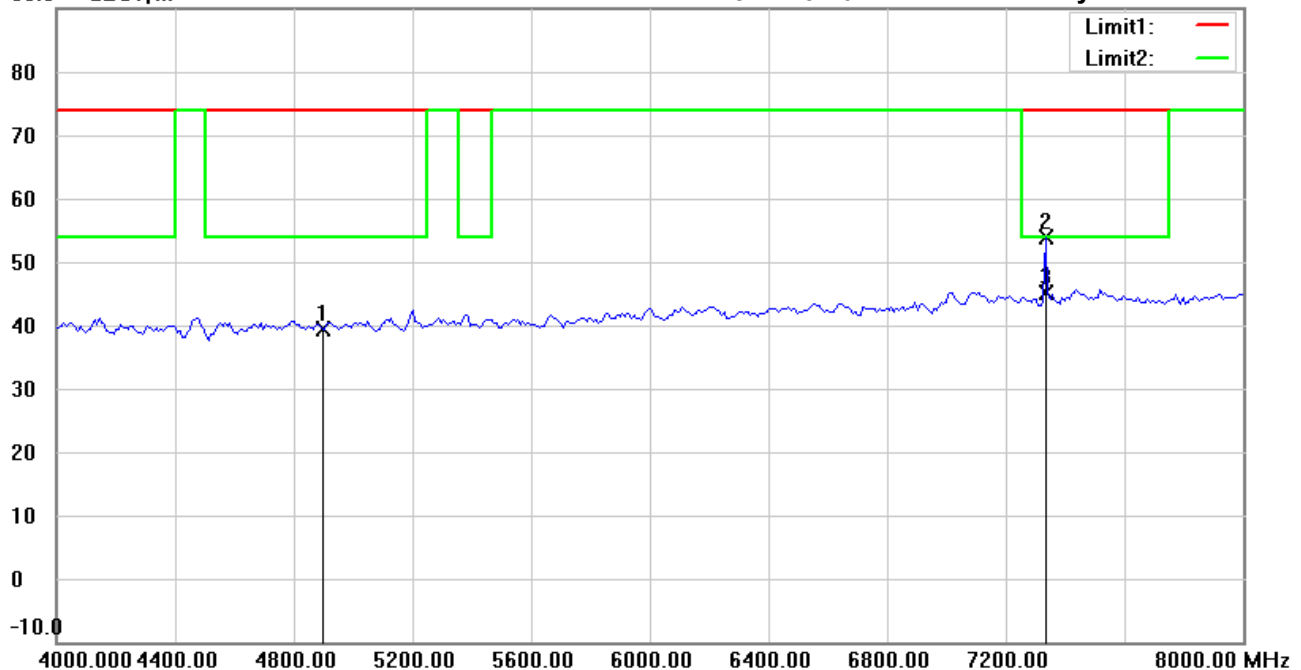
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 2:23:10 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4890.000	40.96	peak	-1.64	39.32	74.00	150	261	-34.68	
	7334.669	50.33	peak	3.51	53.84	74.00	150	37	-20.16	
*	7334.669	41.51	AVG	3.51	45.02	54.00	150	37	-8.98	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

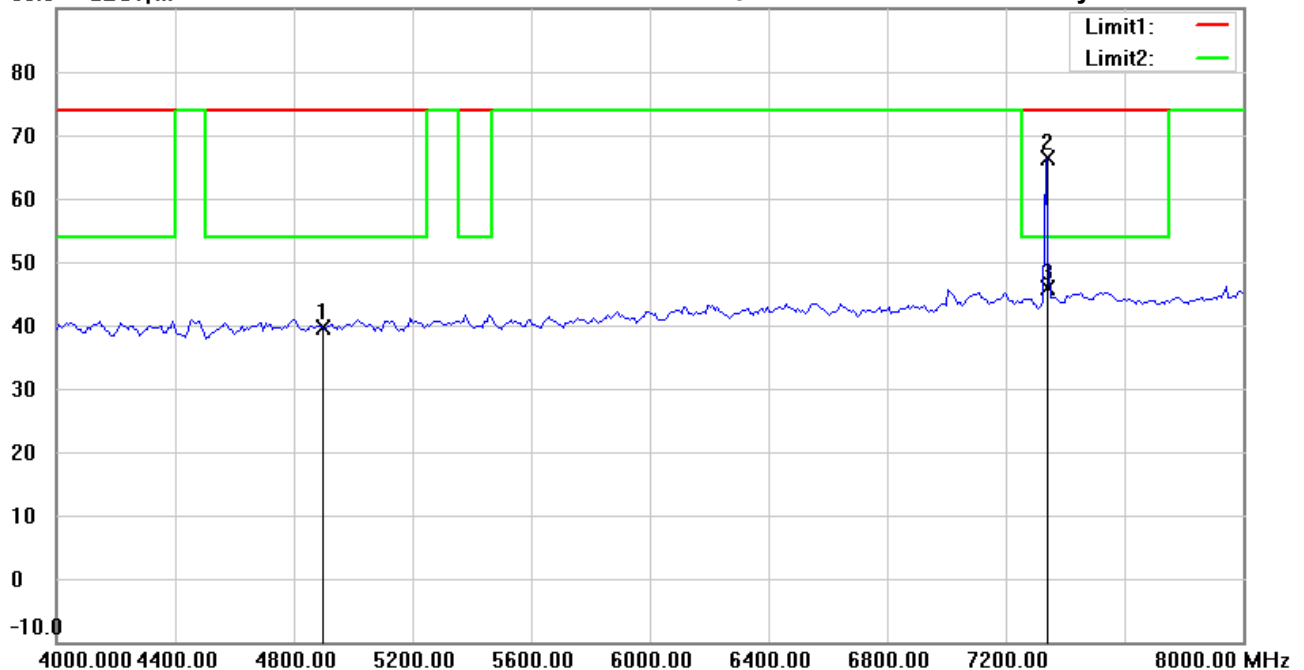
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 2:24:12 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4890.000	41.25	peak	-1.64	39.61	74.00	150	86	-34.39	
*	7335.000	62.93	peak	3.51	66.44	74.00	175	214	-7.56	
	7335.000	42.25	AVG	3.51	45.76	54.00	175	214	-8.24	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #4

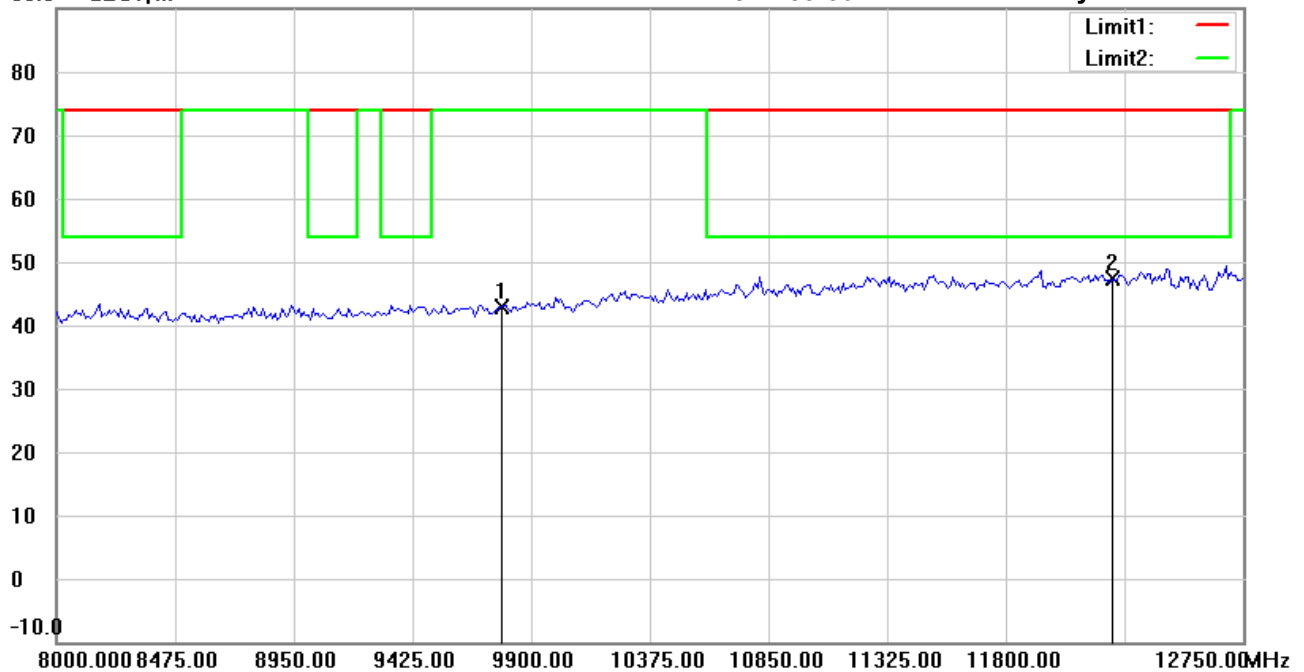
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 2:53:30 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9780.000	36.17	peak	6.79	42.96	74.00	150	85	-31.04	
*	12225.000	34.83	peak	12.67	47.50	74.00	150	120	-26.50	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #10

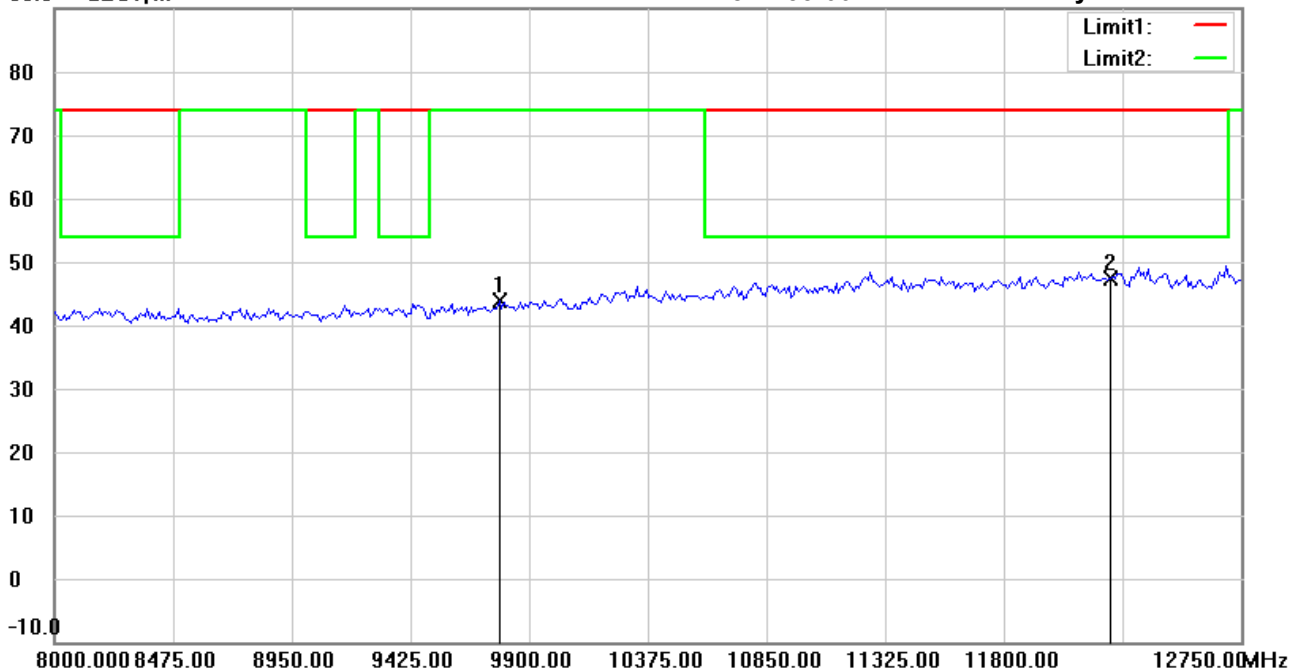
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 2:55:00 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9780.000	37.03	peak	6.79	43.82	74.00	150	65	-30.18	
*	12225.000	34.80	peak	12.67	47.47	74.00	150	240	-26.53	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

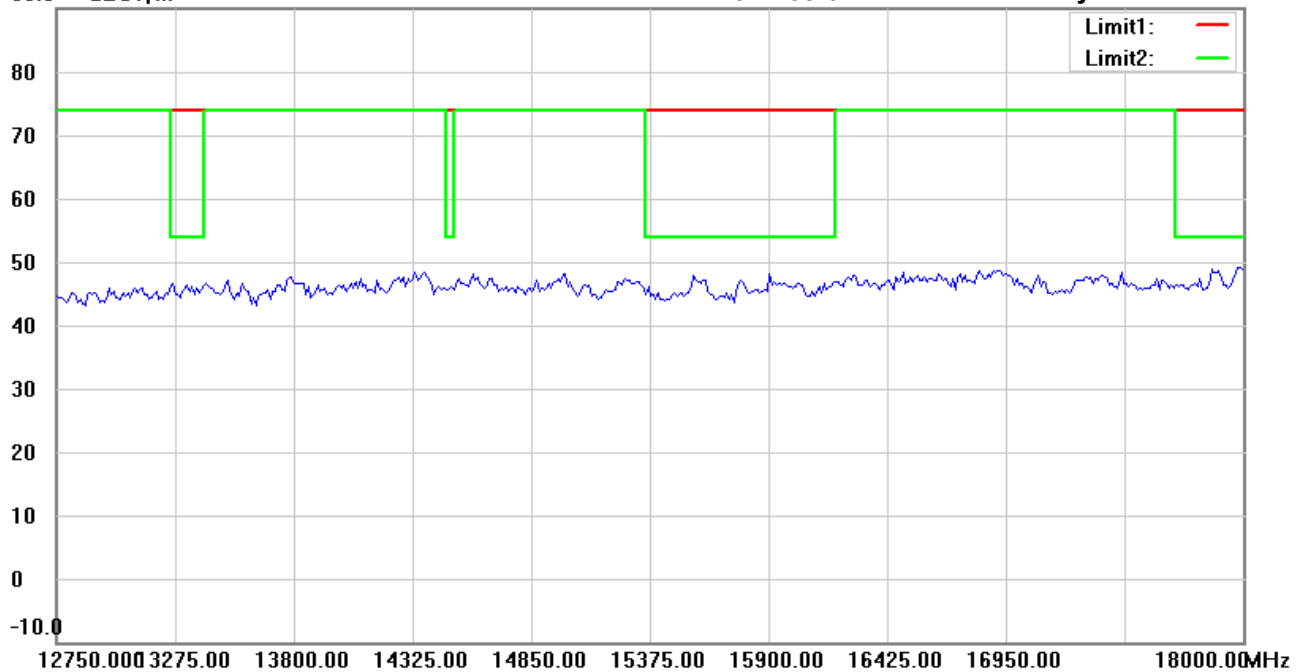
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 2:58:07 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#11

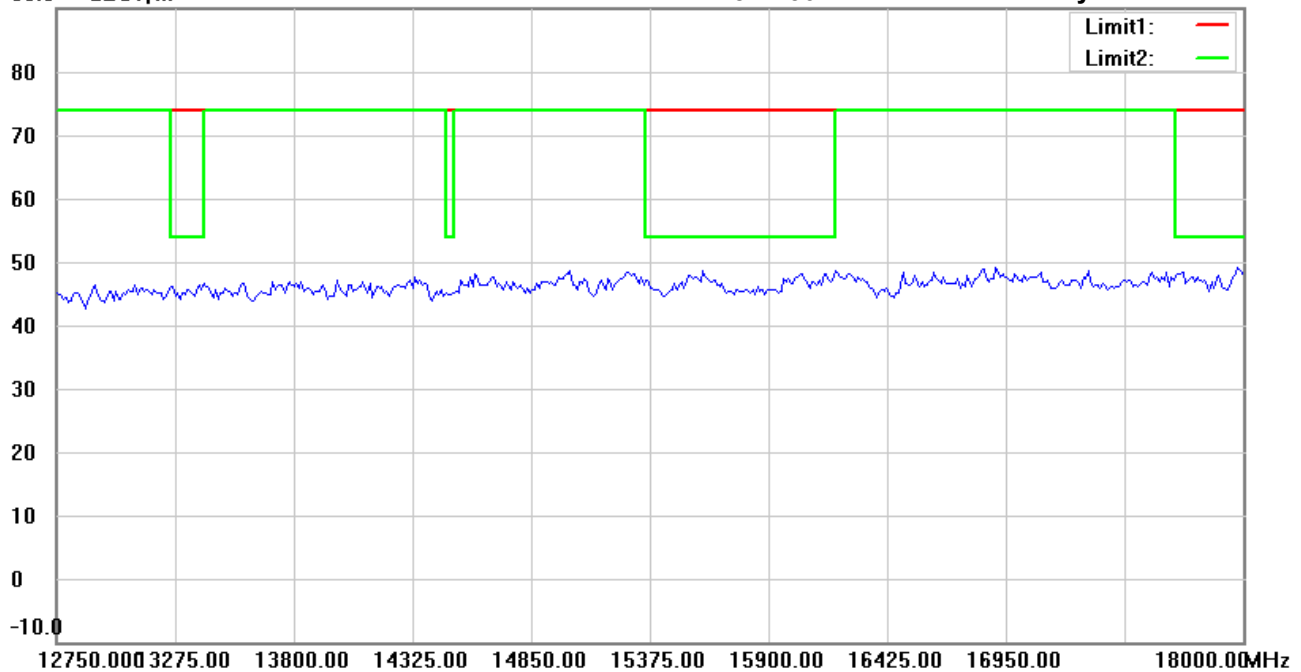
Date: 10/7/2019

Temperature:27.6 °C

90.0 dBuV/m

Time: 2:56:22 PM

Humidity:62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

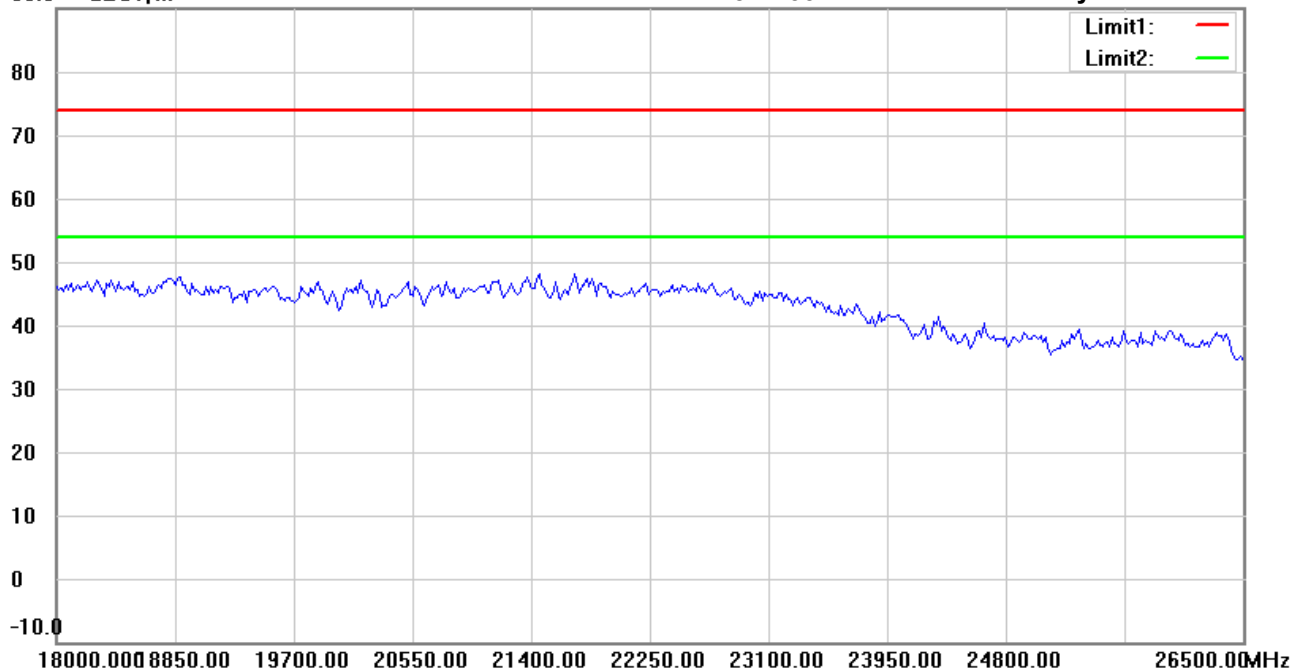
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 7:55:12 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #12

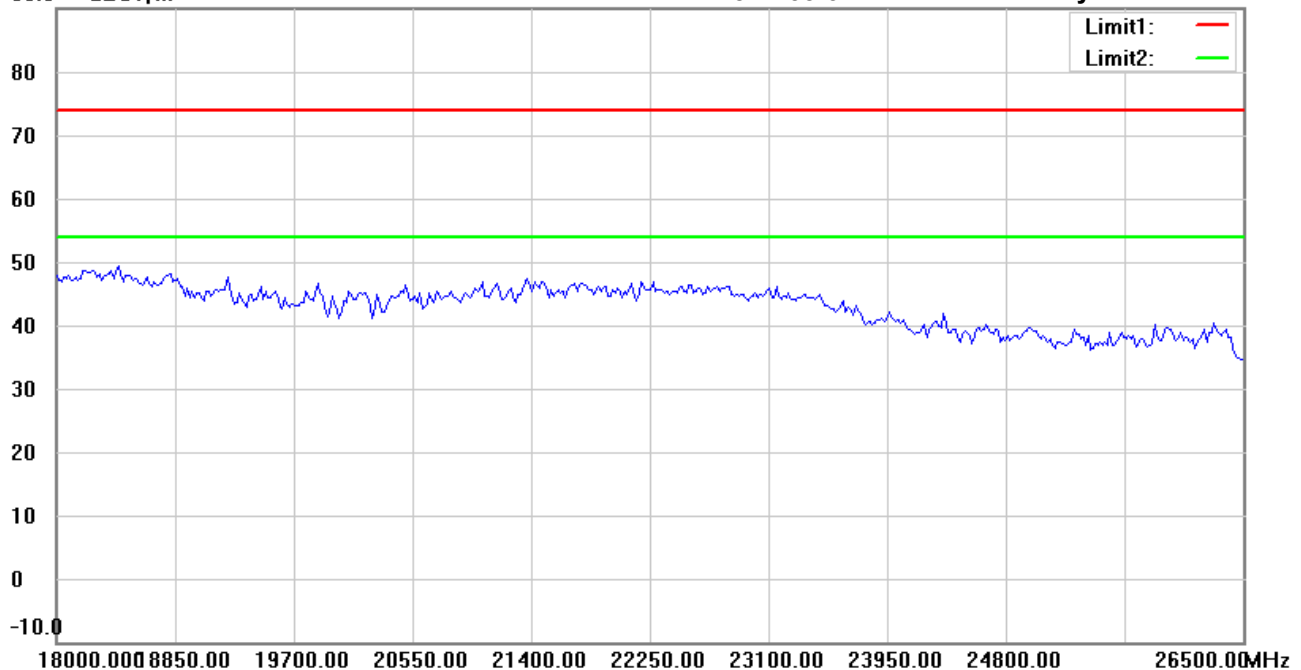
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 7:58:37 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2445MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

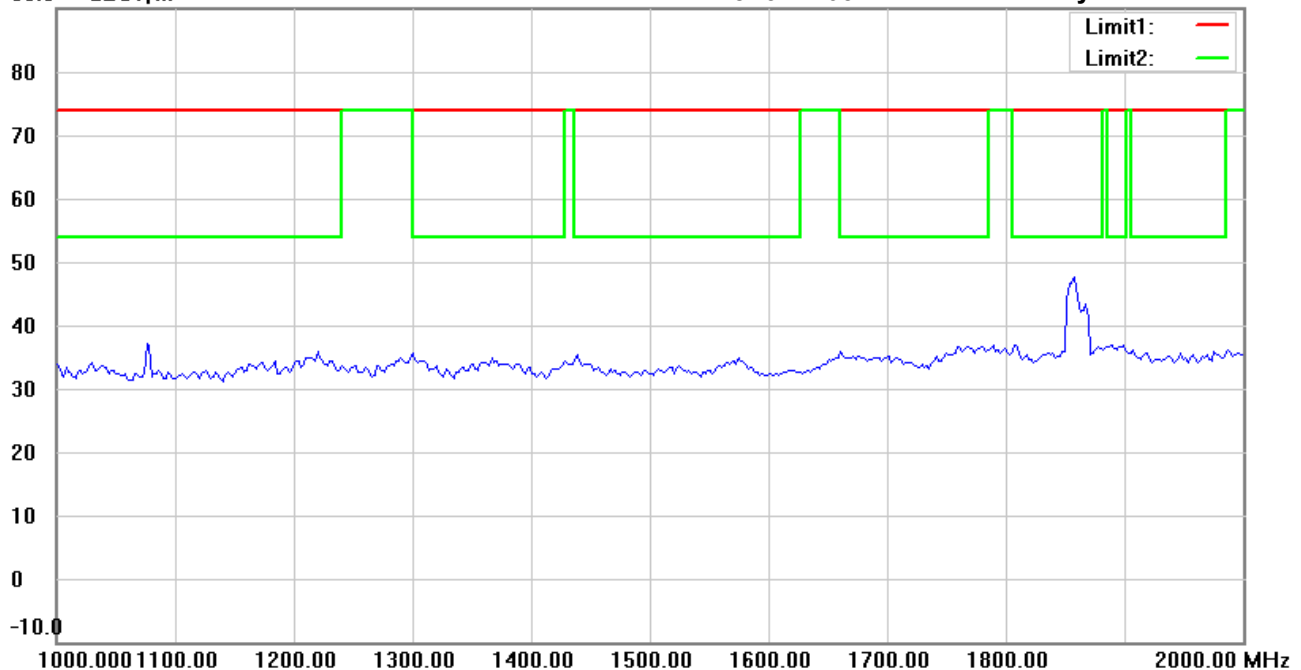
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:44:05 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

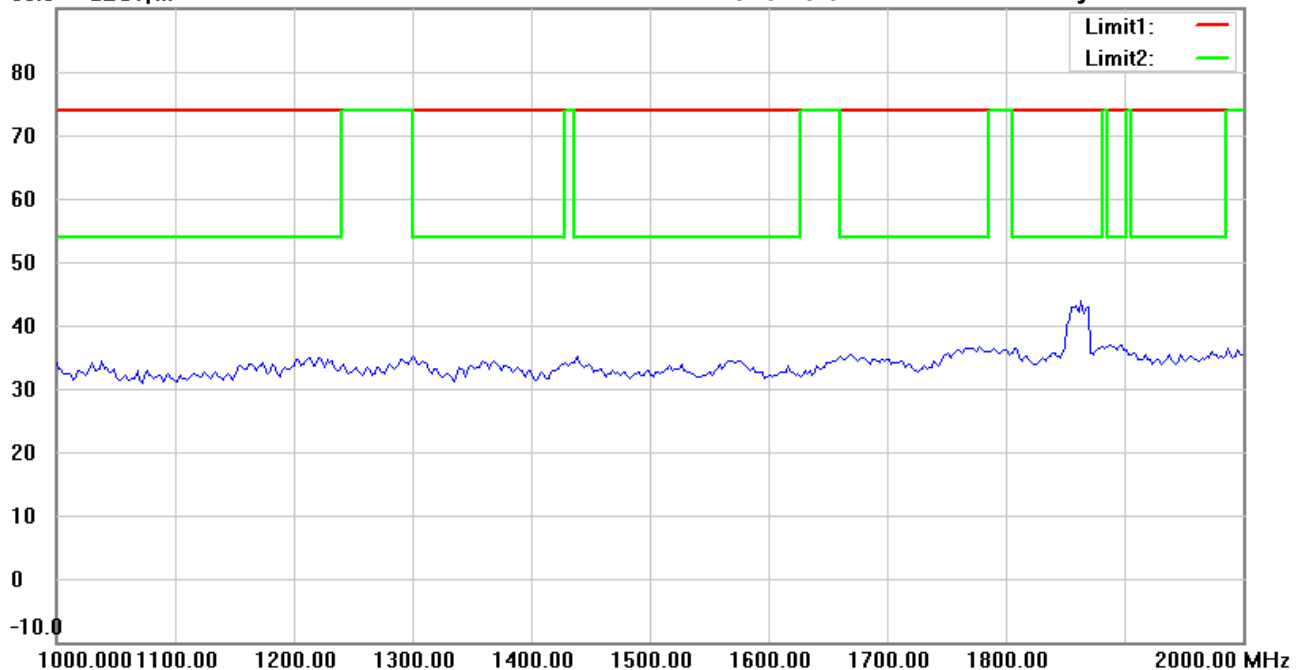
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:45:07 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

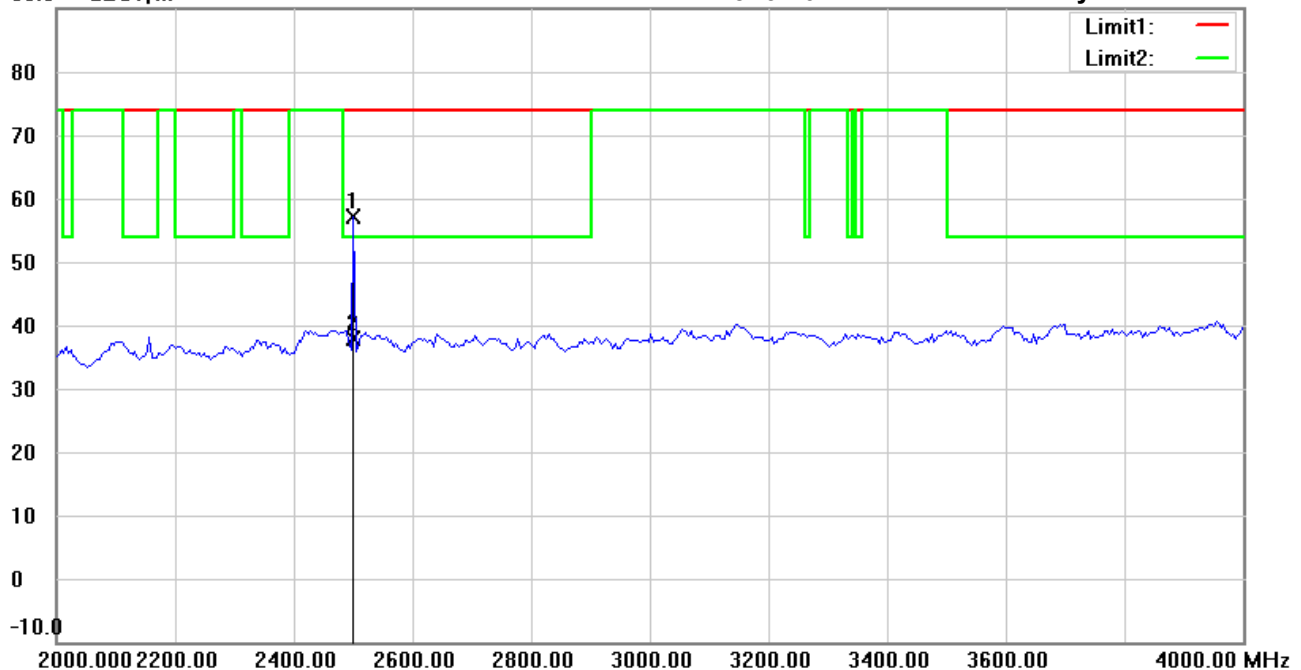
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:46:17 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2501.002	61.66	peak	-4.57	57.09	74.00	150	70	-16.91	
*	2501.002	42.57	AVG	-4.57	38.00	54.00	150	70	-16.00	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

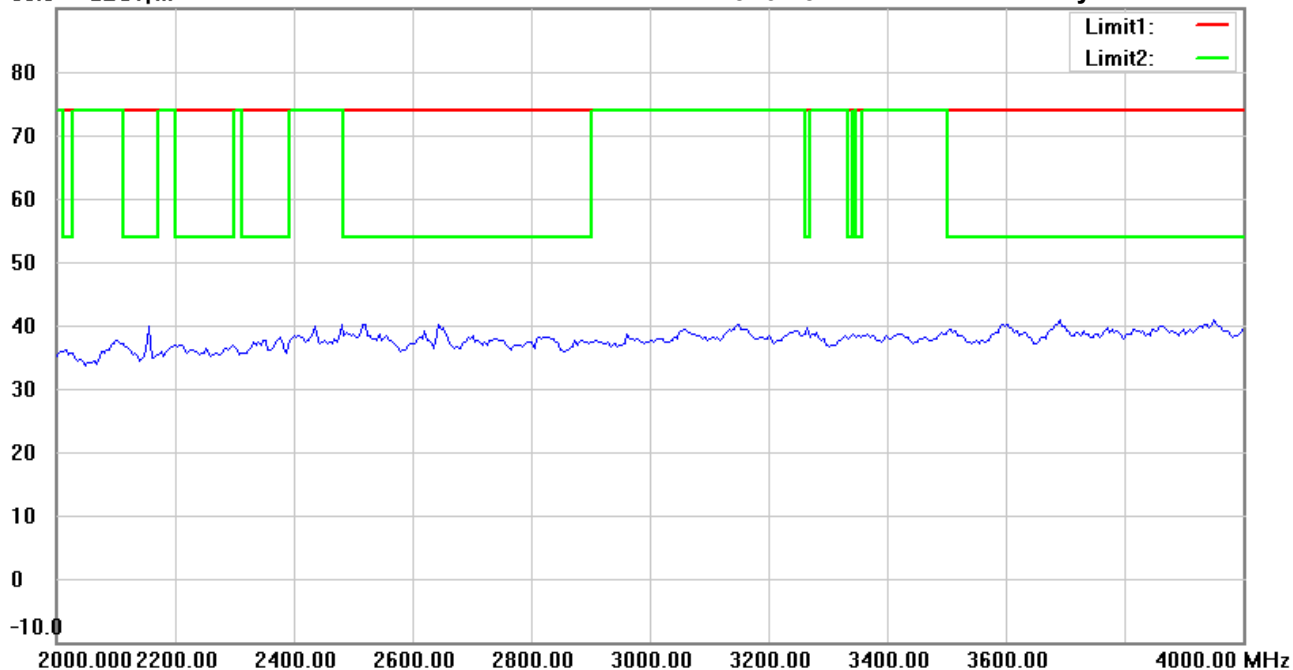
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:48:41 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

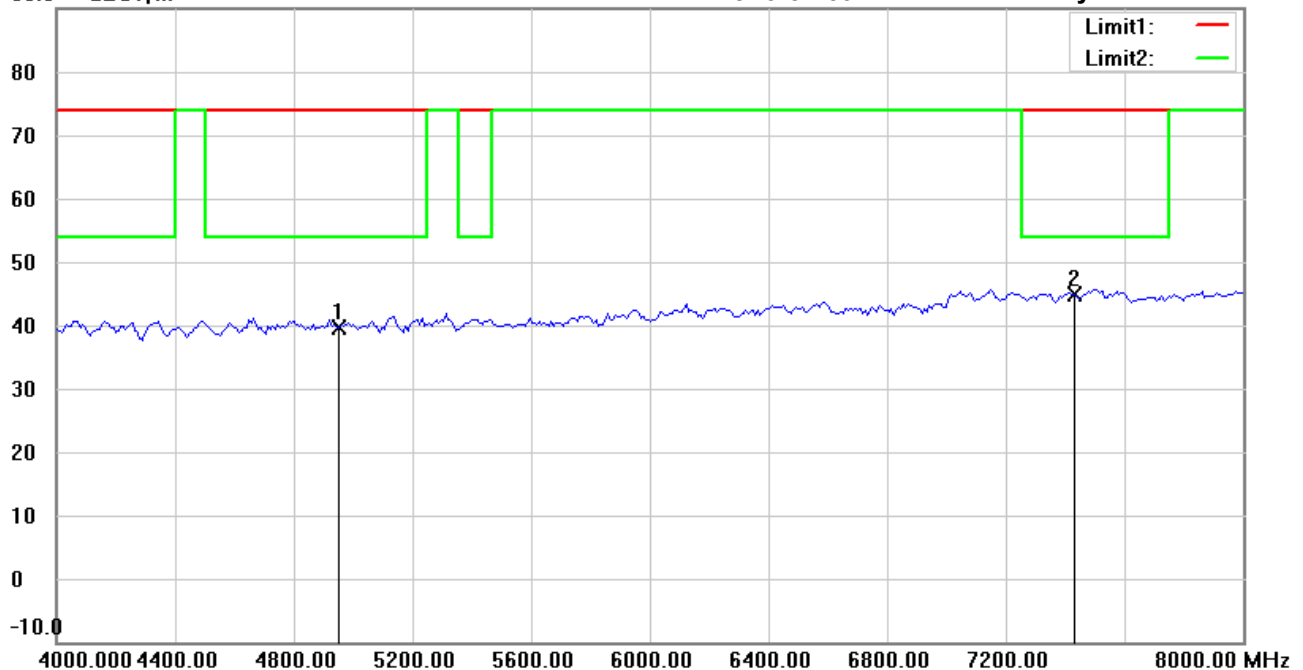
Date: 10/7/2019

Temperature:27.6 °C

90.0 dBuV/m

Time: 3:51:59 PM

Humidity:62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4950.000	41.04	peak	-1.39	39.65	74.00	150	250	-34.35	
*	7425.000	41.25	peak	3.75	45.00	74.00	150	233	-29.00	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

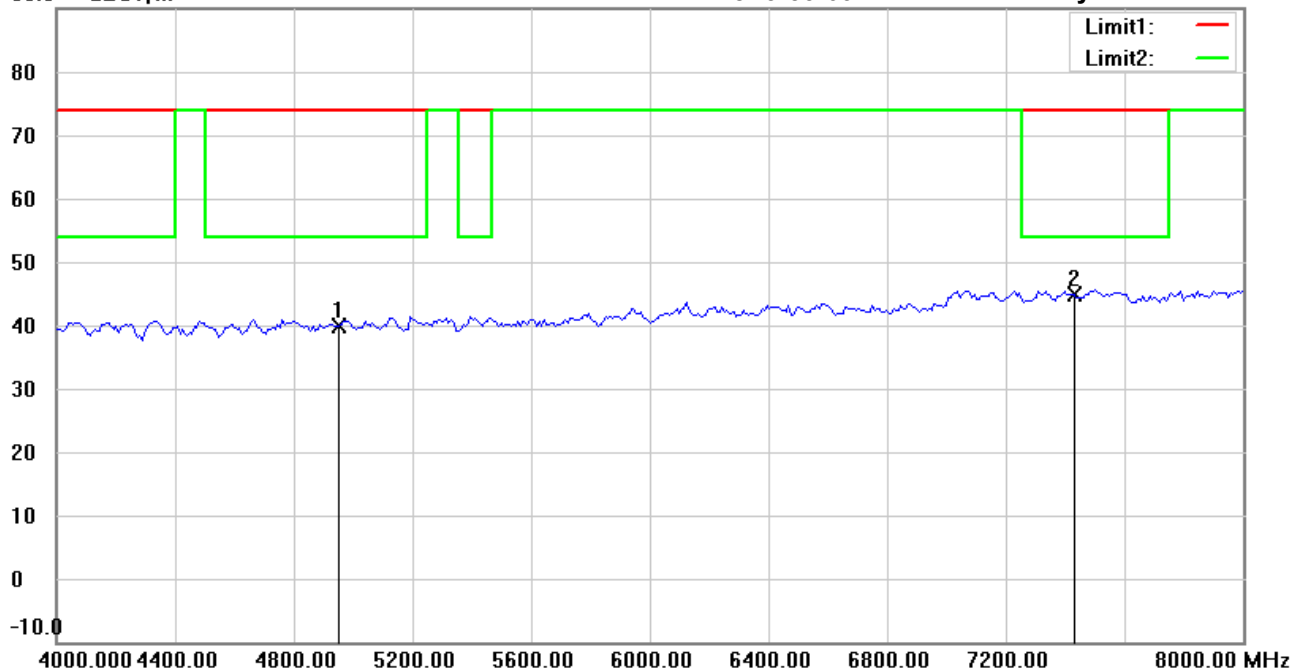
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:53:09 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4950.000	41.31	peak	-1.39	39.92	74.00	150	255	-34.08	
*	7425.000	41.16	peak	3.75	44.91	74.00	150	140	-29.09	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

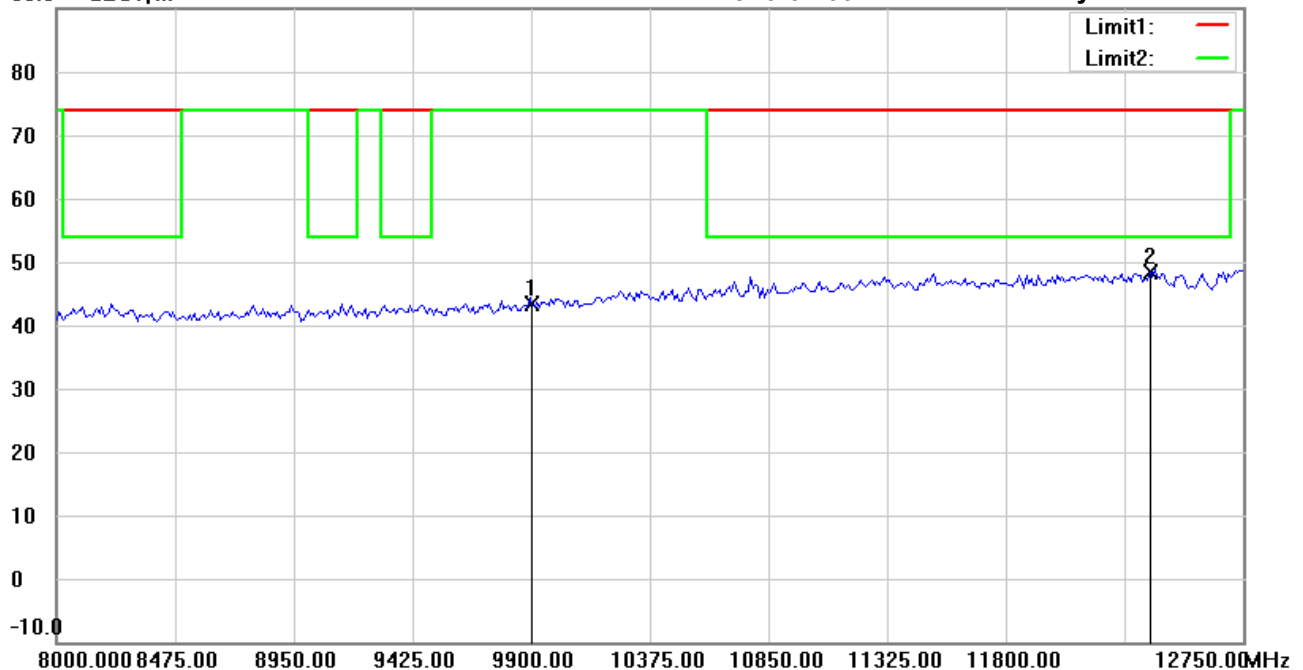
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:57:03 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9900.000	36.32	peak	7.12	43.44	74.00	150	263	-30.56	
*	12375.000	35.73	peak	12.59	48.32	74.00	150	140	-25.68	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

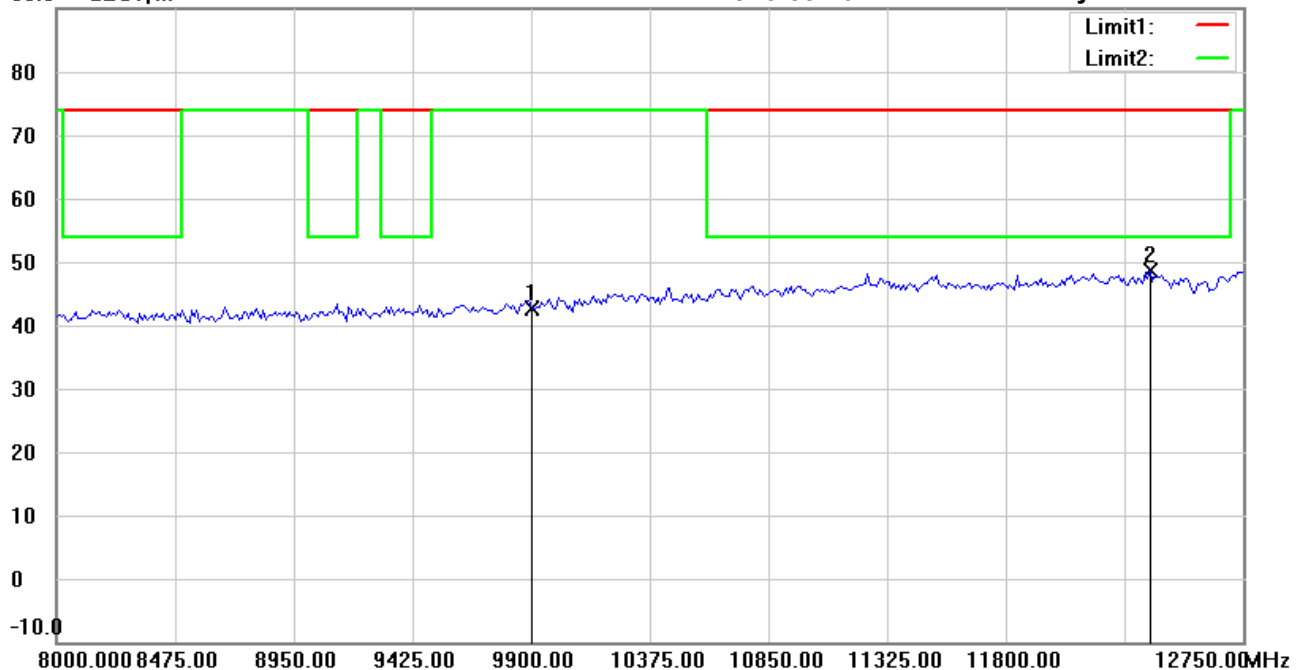
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 3:58:16 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9900.000	35.63	peak	7.12	42.75	74.00	150	270	-31.25	
*	12375.000	35.96	peak	12.59	48.55	74.00	150	140	-25.45	

*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

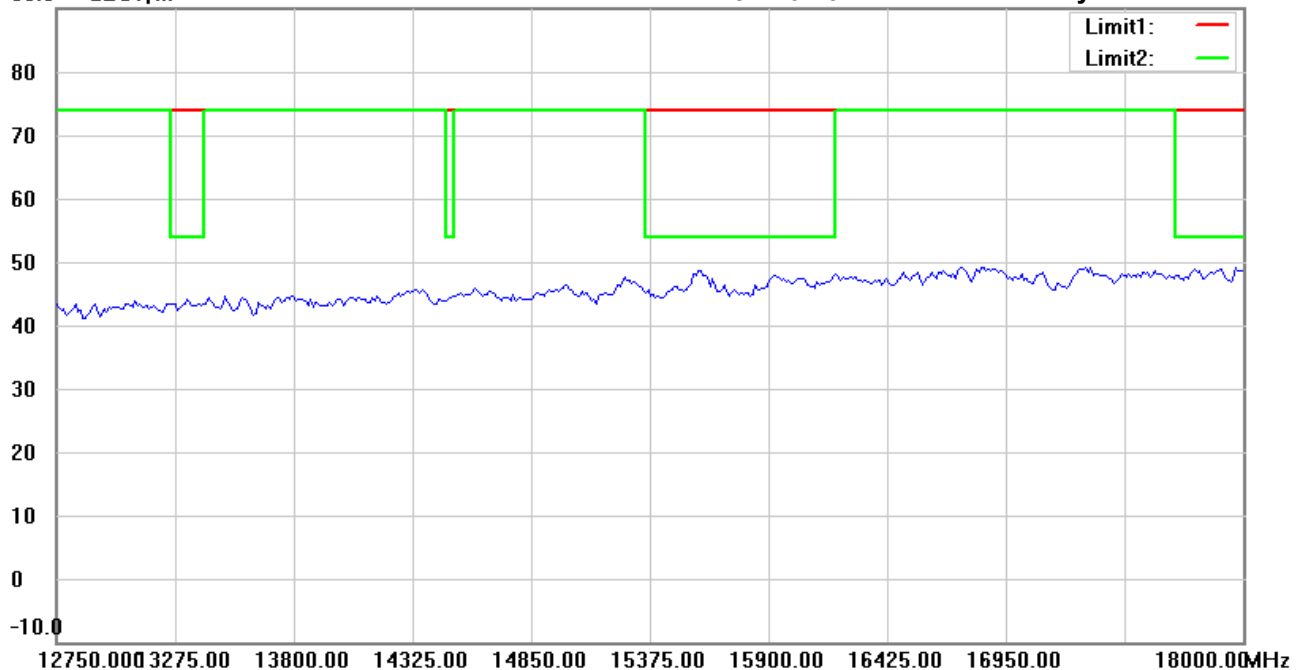
Date: 10/7/2019

Temperature:27.6 °C

90.0 dBuV/m

Time: 4:01:34 PM

Humidity:62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#11

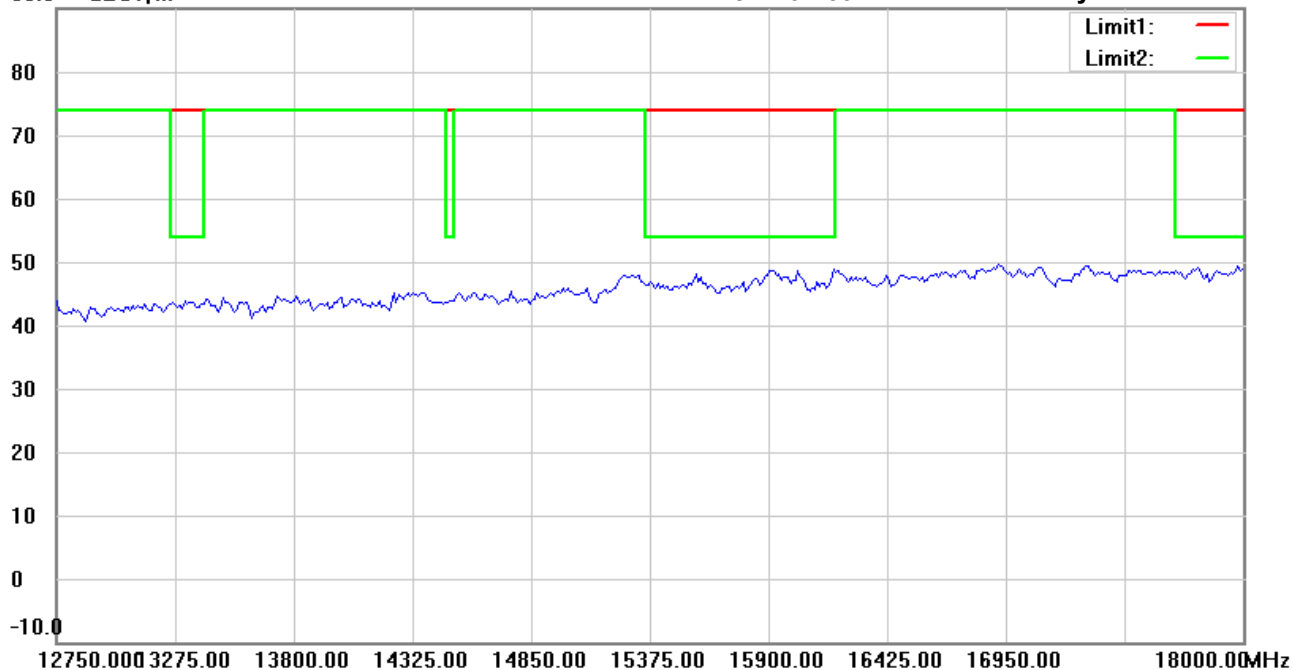
Date: 10/7/2019

Temperature:27.6 °C

90.0 dBuV/m

Time: 4:02:39 PM

Humidity:62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

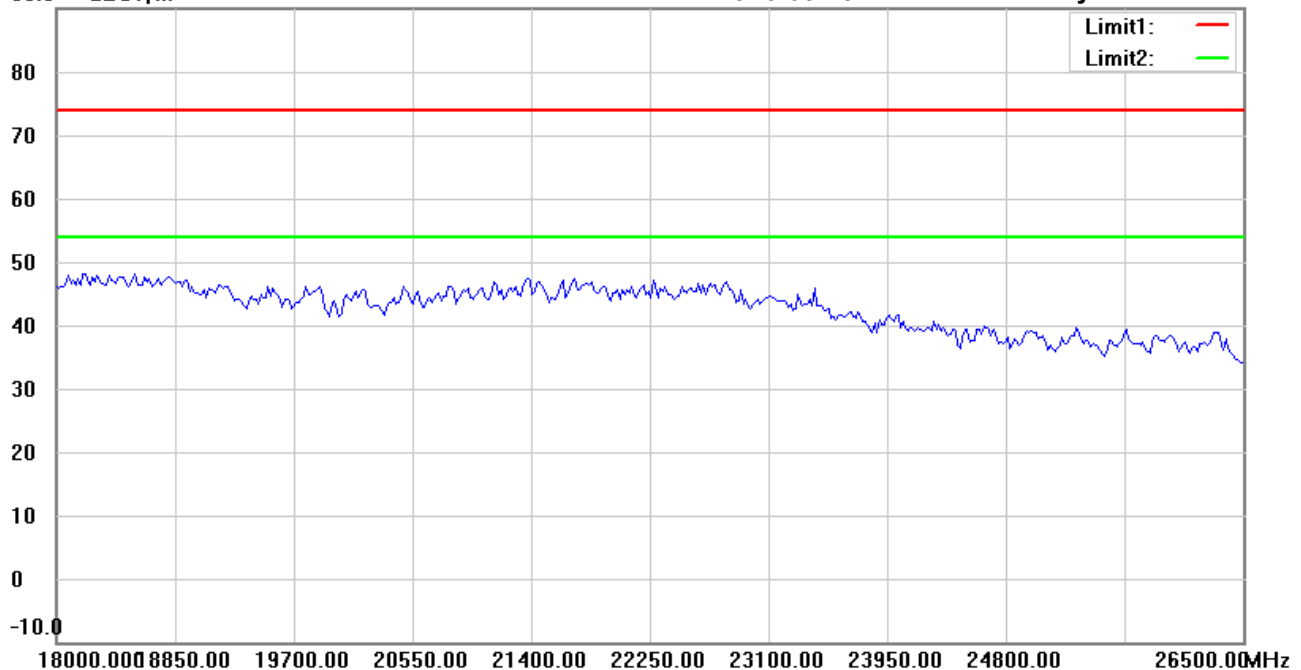
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 8:03:25 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#12

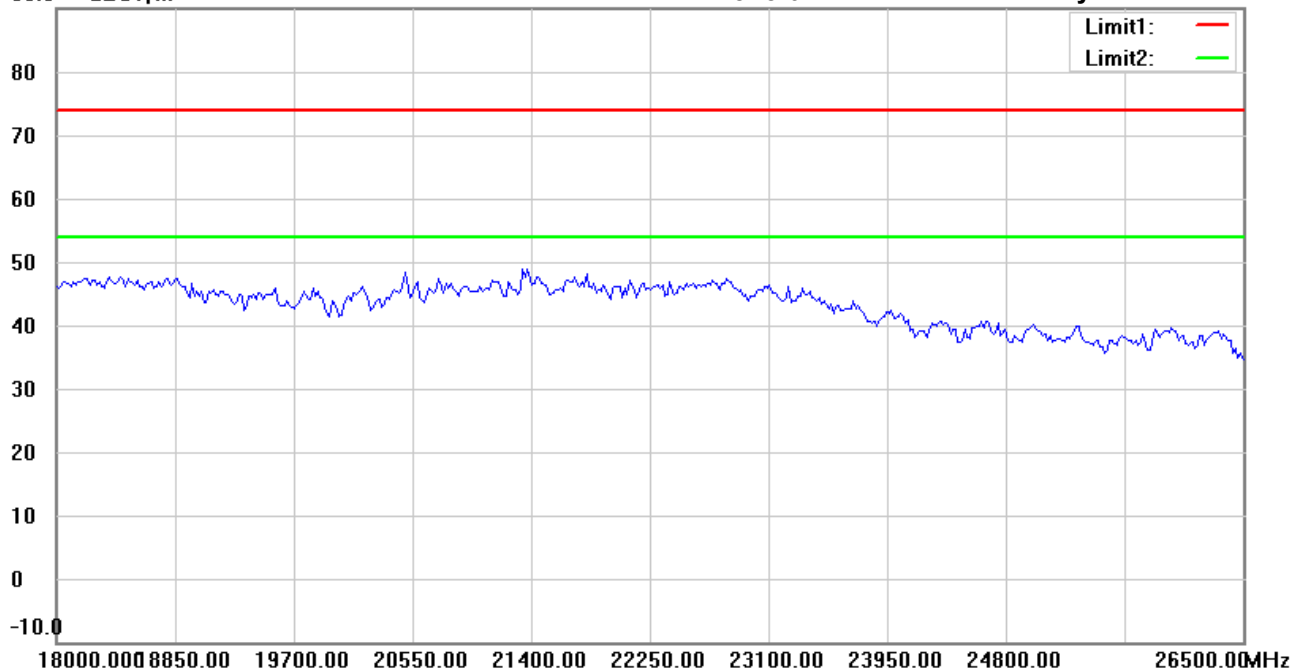
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 8:07:12 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : TX 2475MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
 Tel: +886-2-6606-8877
 Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#1

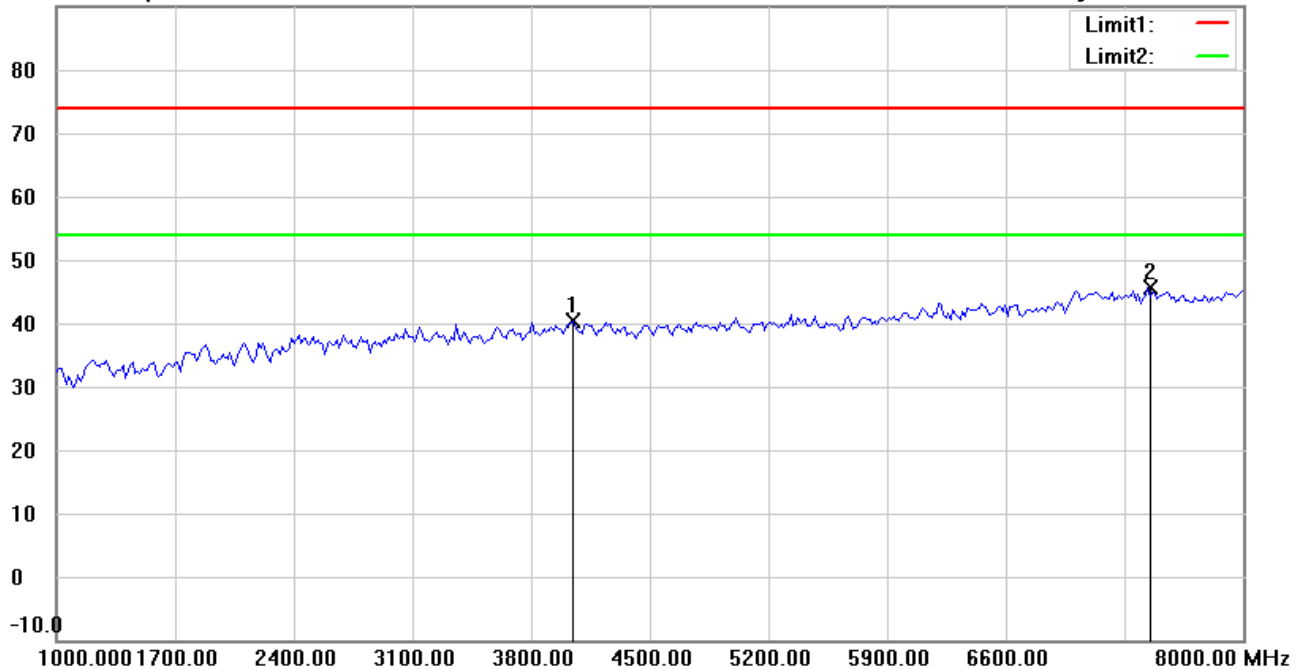
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:26:31 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

Polarization: *Horizontal*

EUT : W6M21907-19248

Power : 3.7 Vd.c.

M/N:

Distance: 3m

Test Mode : RX 2402MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4044.088	42.67	peak	-2.24	40.43	74.00	150	115	-33.57	
*	7438.878	41.86	peak	3.73	45.59	74.00	150	80	-28.41	



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

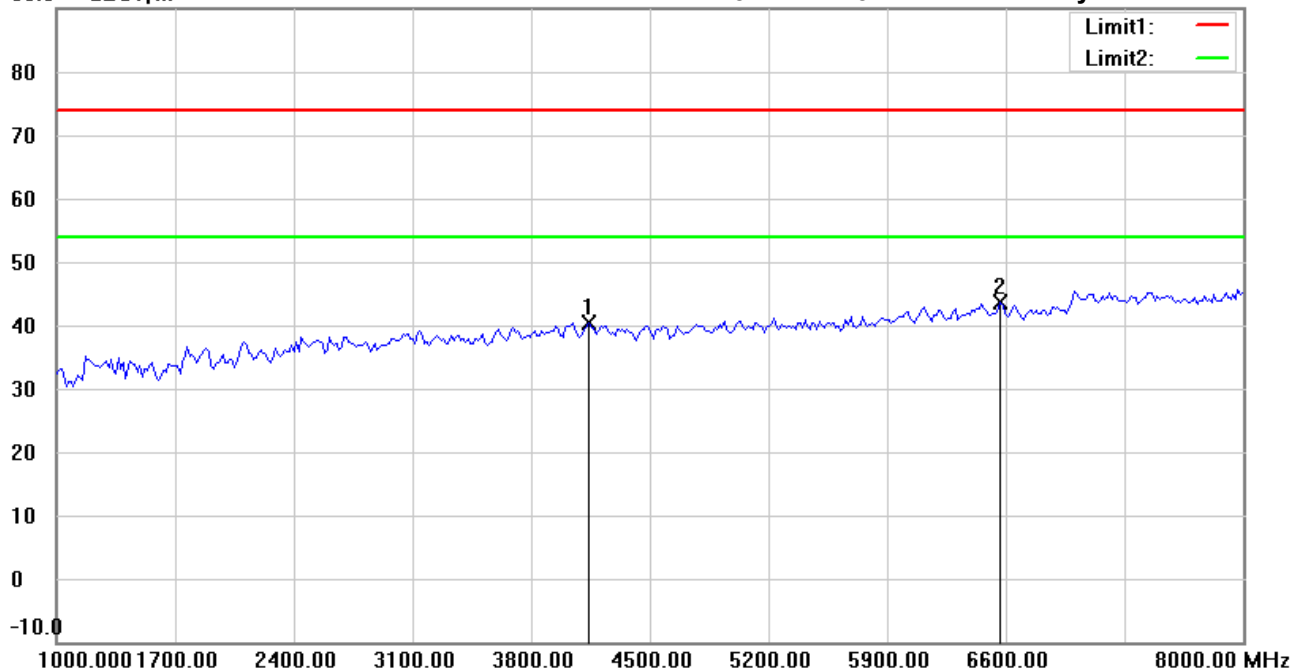
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:27:28 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4142.284	42.61	peak	-2.30	40.31	74.00	150	90	-33.69	
*	6569.138	41.04	peak	2.50	43.54	74.00	150	235	-30.46	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

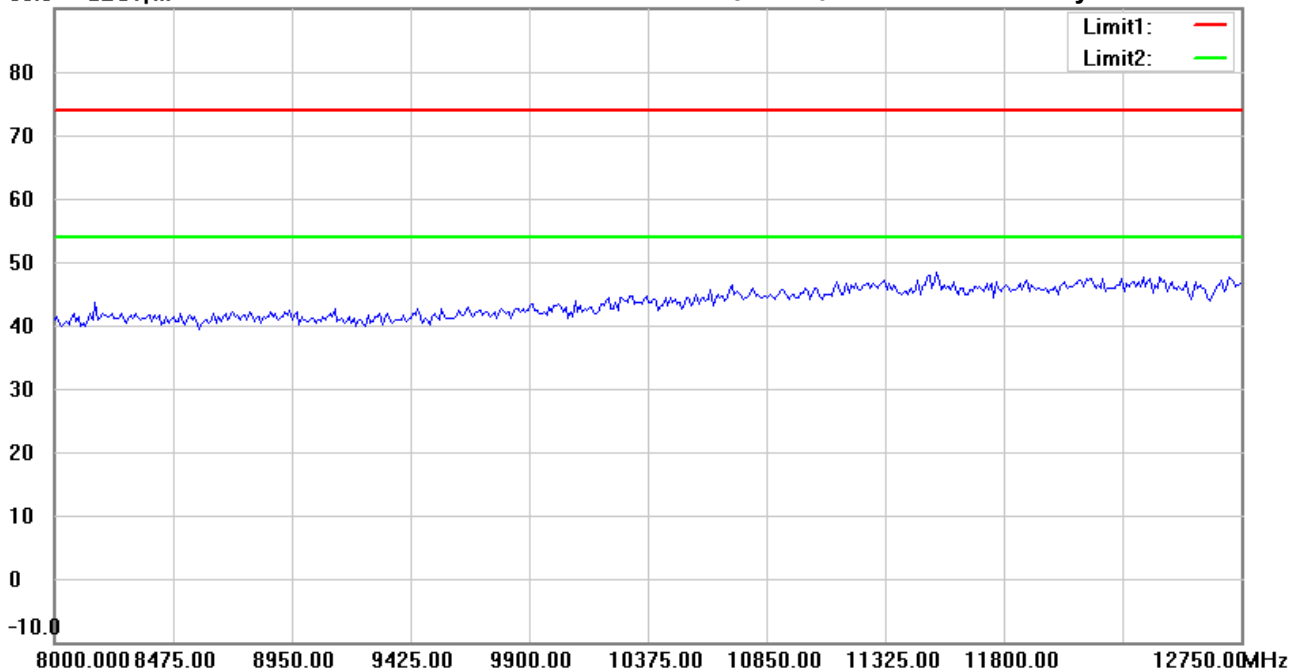
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:26:44 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

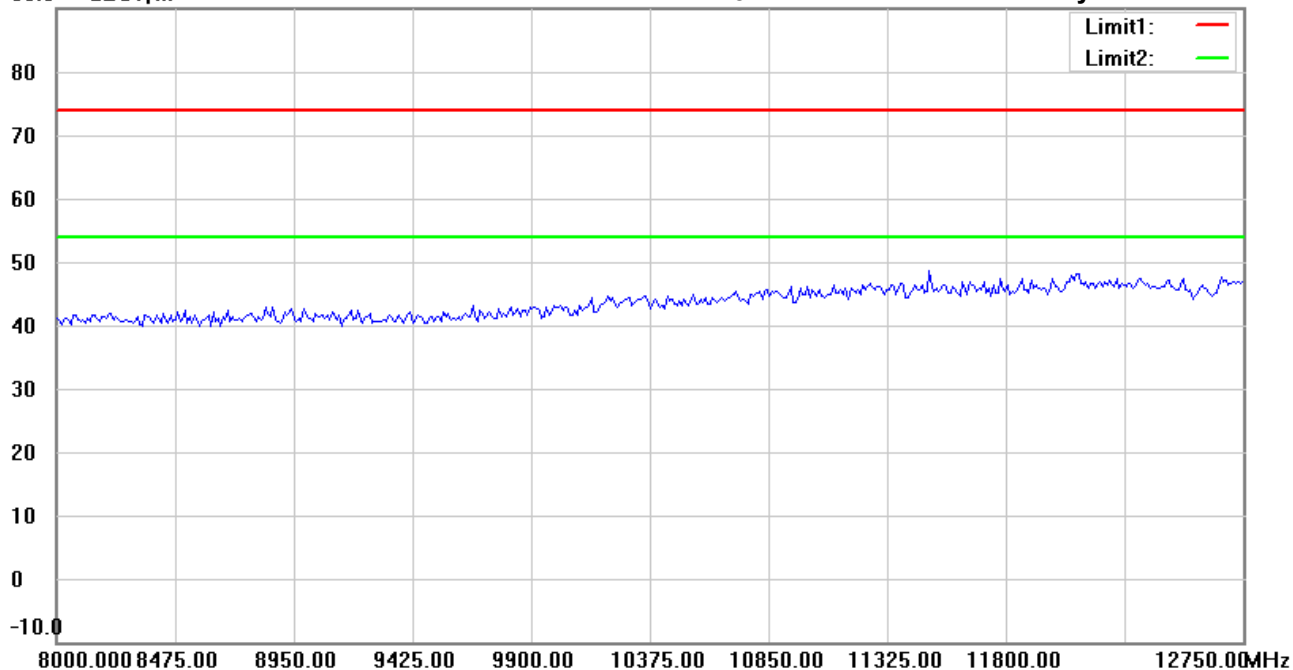
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:27:41 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

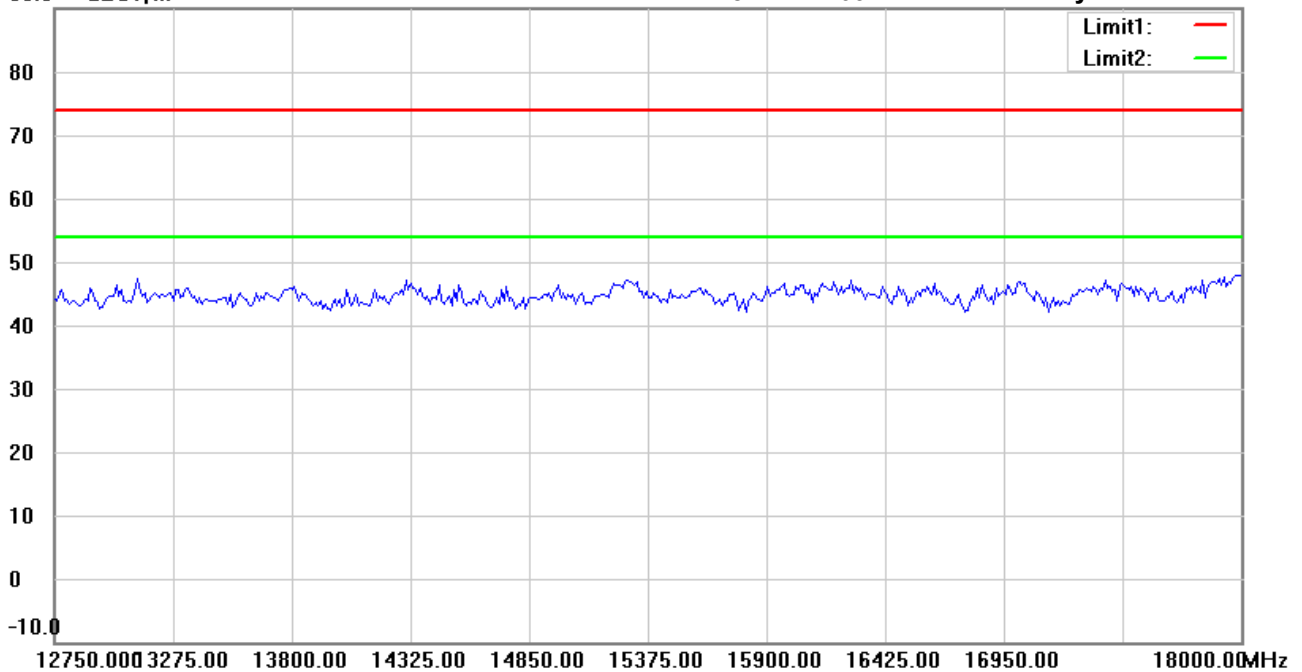
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:27:09 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

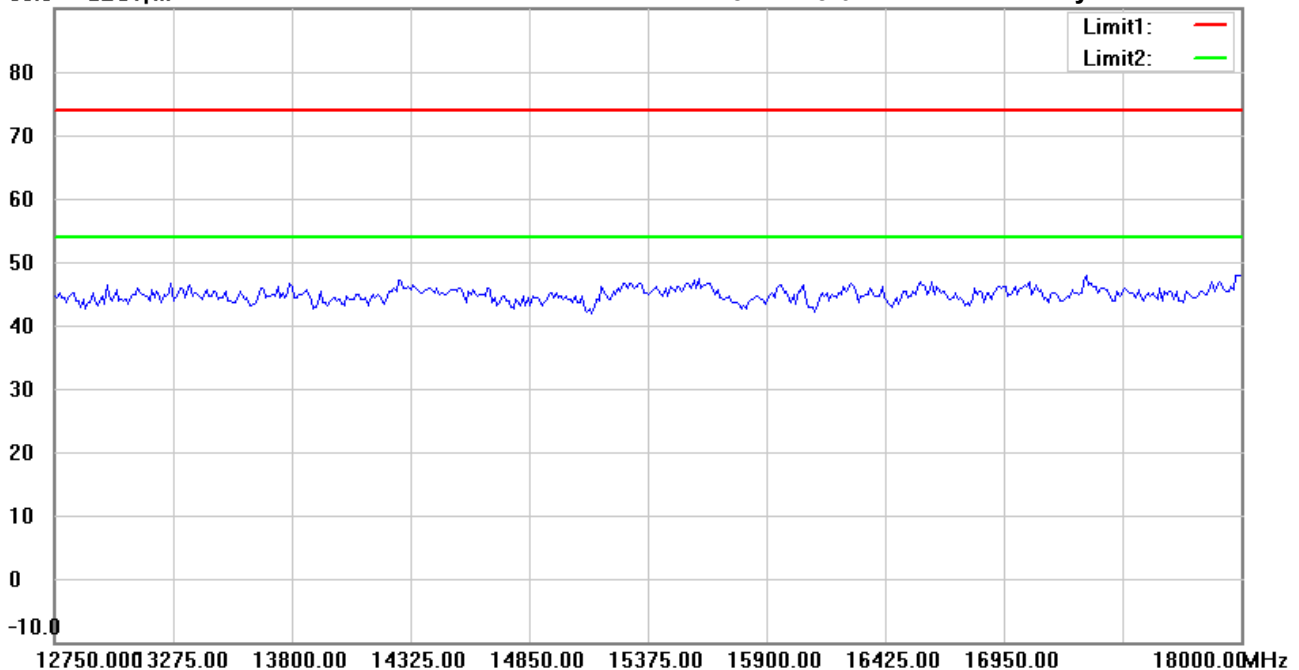
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:28:07 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

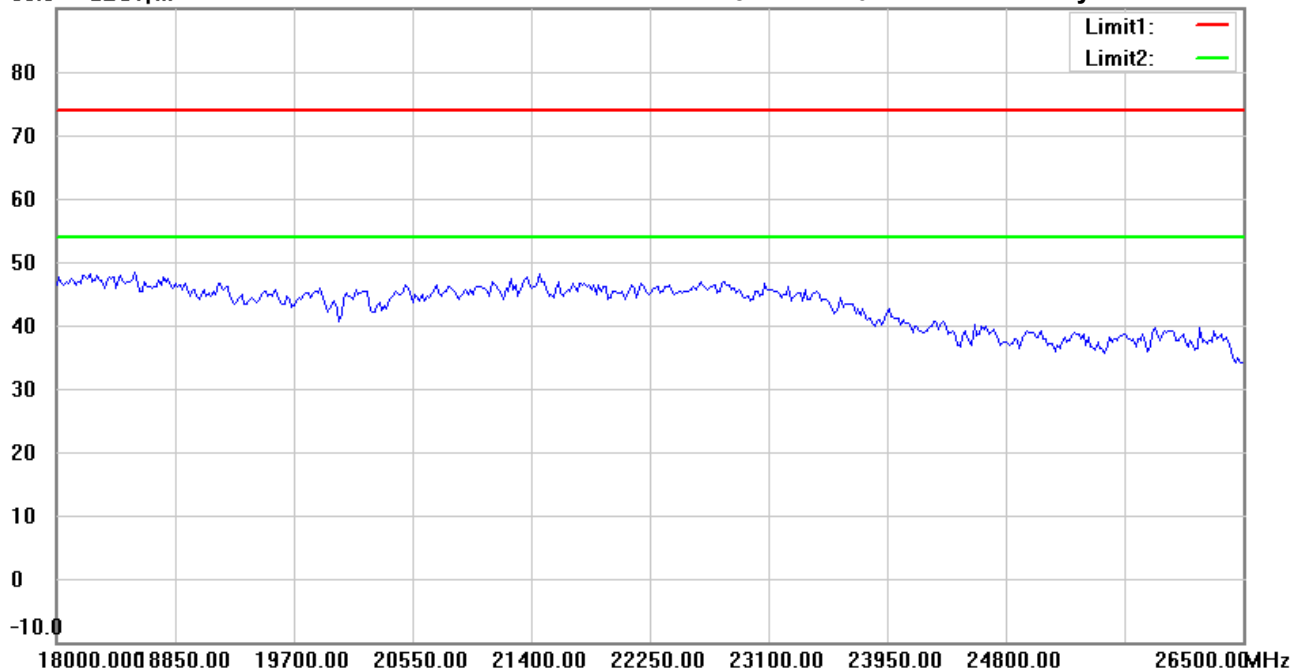
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:27:20 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

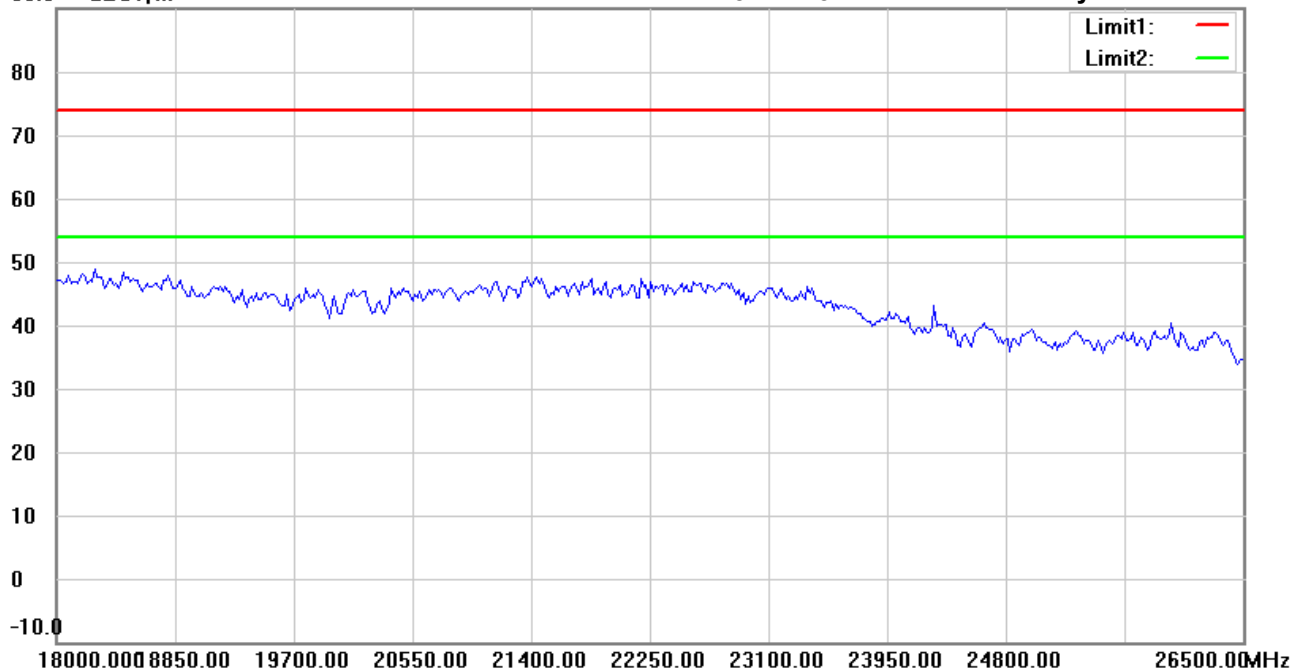
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:28:17 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#1

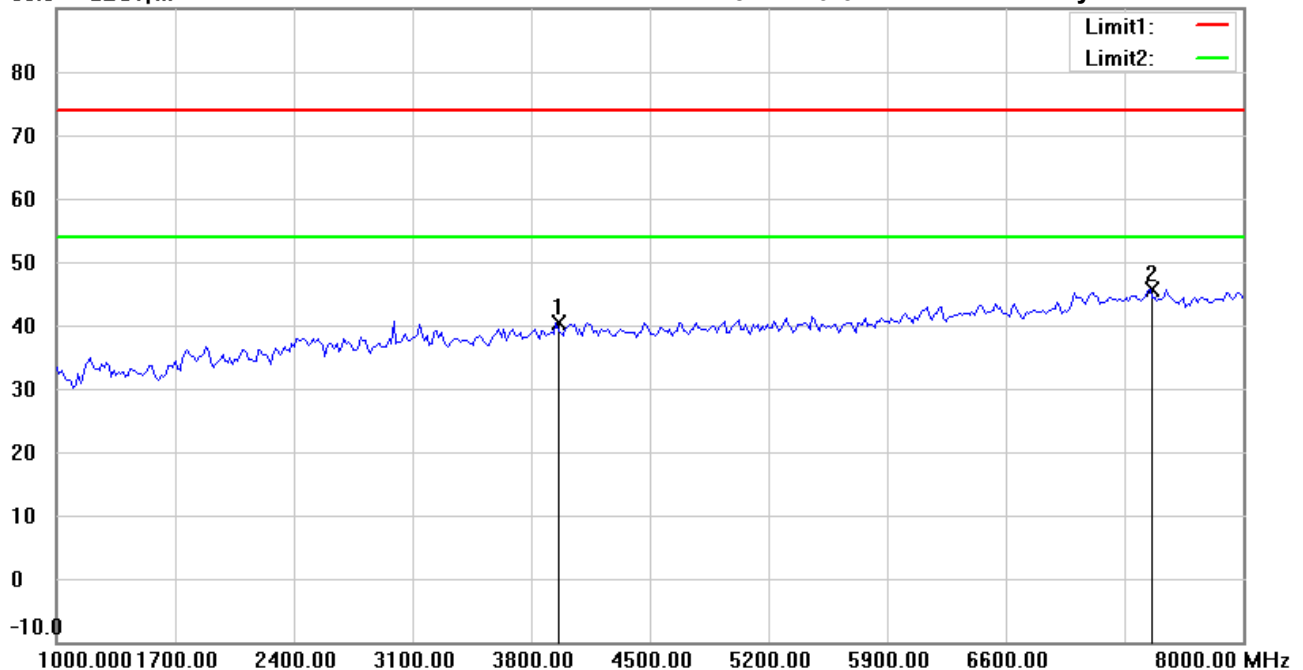
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:29:32 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2441MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3945.892	42.37	peak	-2.02	40.35	74.00	150	330	-33.65	
*	7452.906	41.80	peak	3.71	45.51	74.00	150	90	-28.49	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

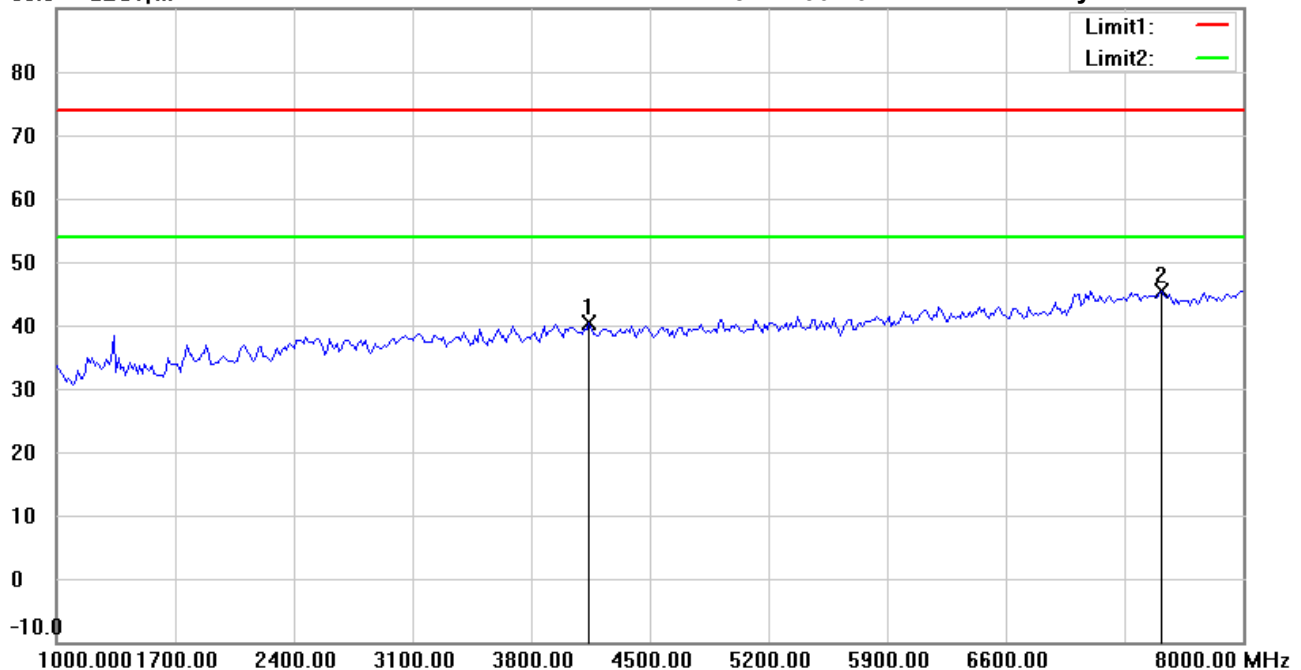
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:30:29 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2441MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4142.284	42.61	peak	-2.30	40.31	74.00	150	130	-33.69	
*	7523.046	41.78	peak	3.62	45.40	74.00	150	225	-28.60	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

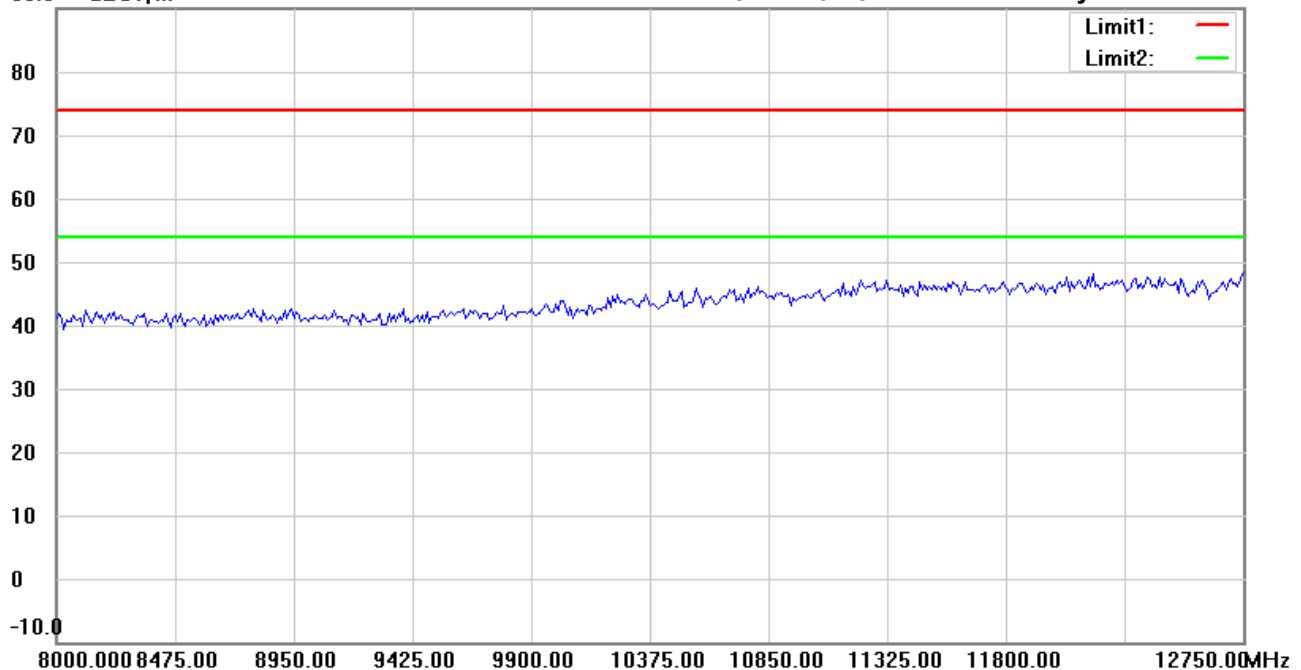
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:29:45 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2441MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

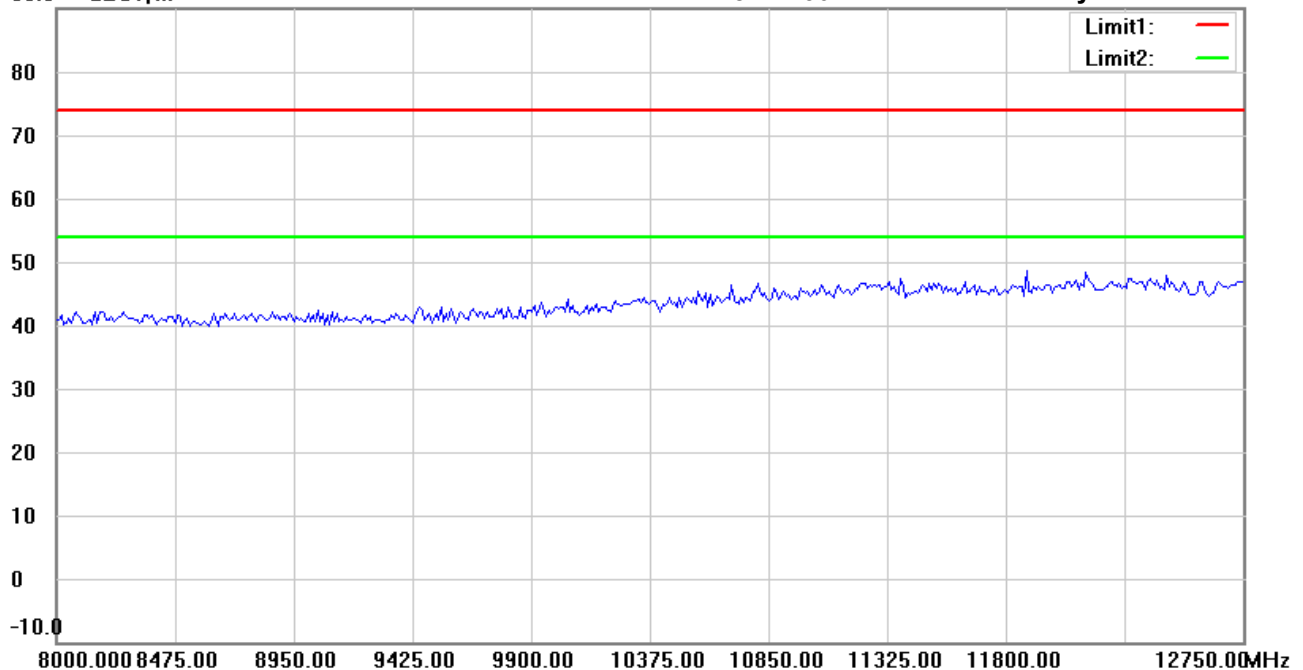
Date: 8/12/2019

Temperature:28.7 °C

90.0 dBuV/m

Time: 11:30:42 PM

Humidity:74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2441MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

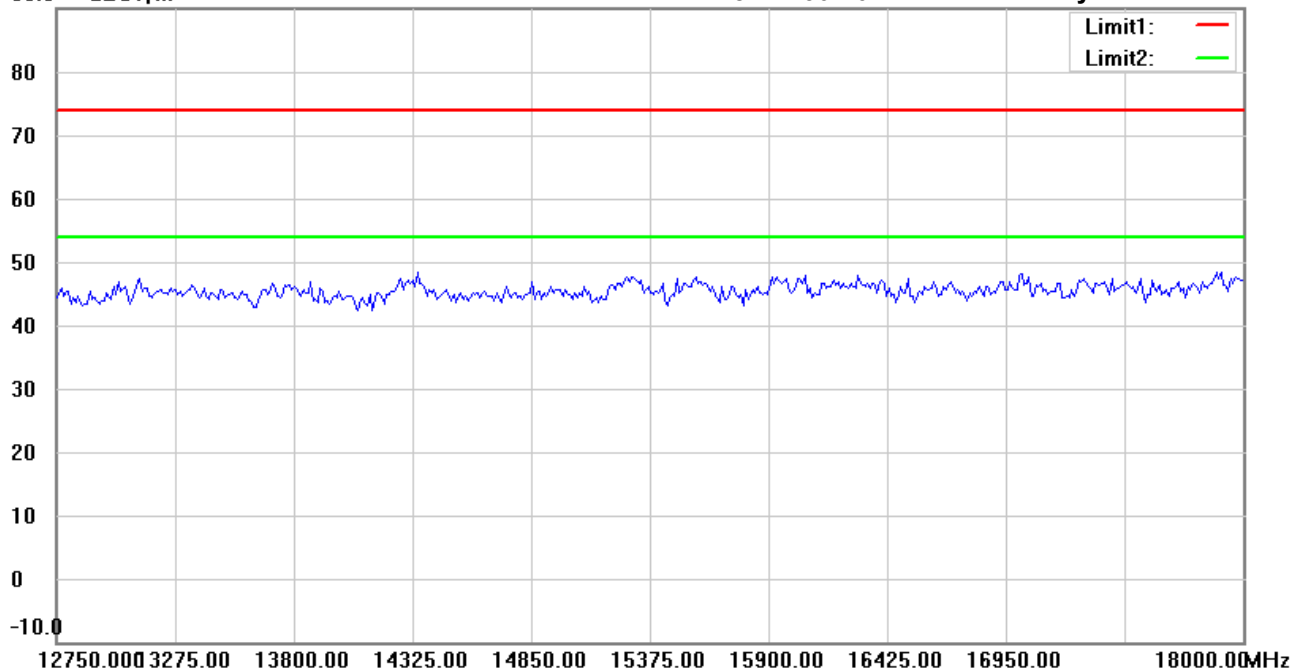
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:30:10 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2441MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

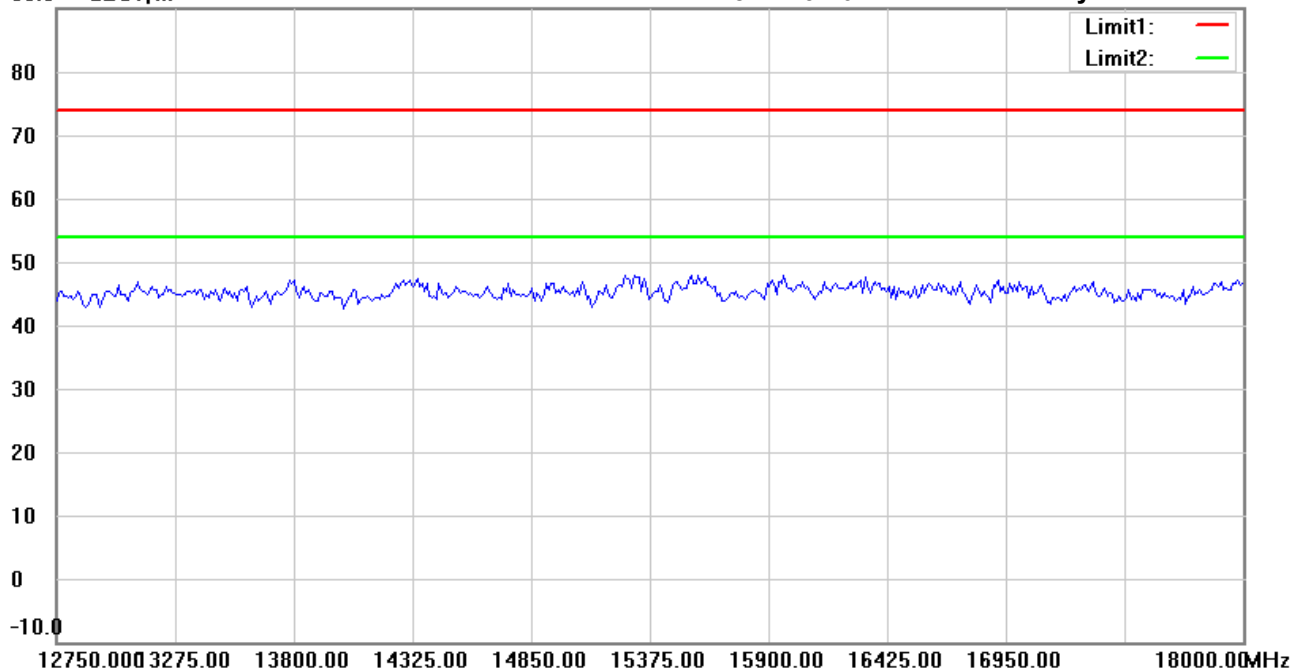
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:31:07 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2441MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

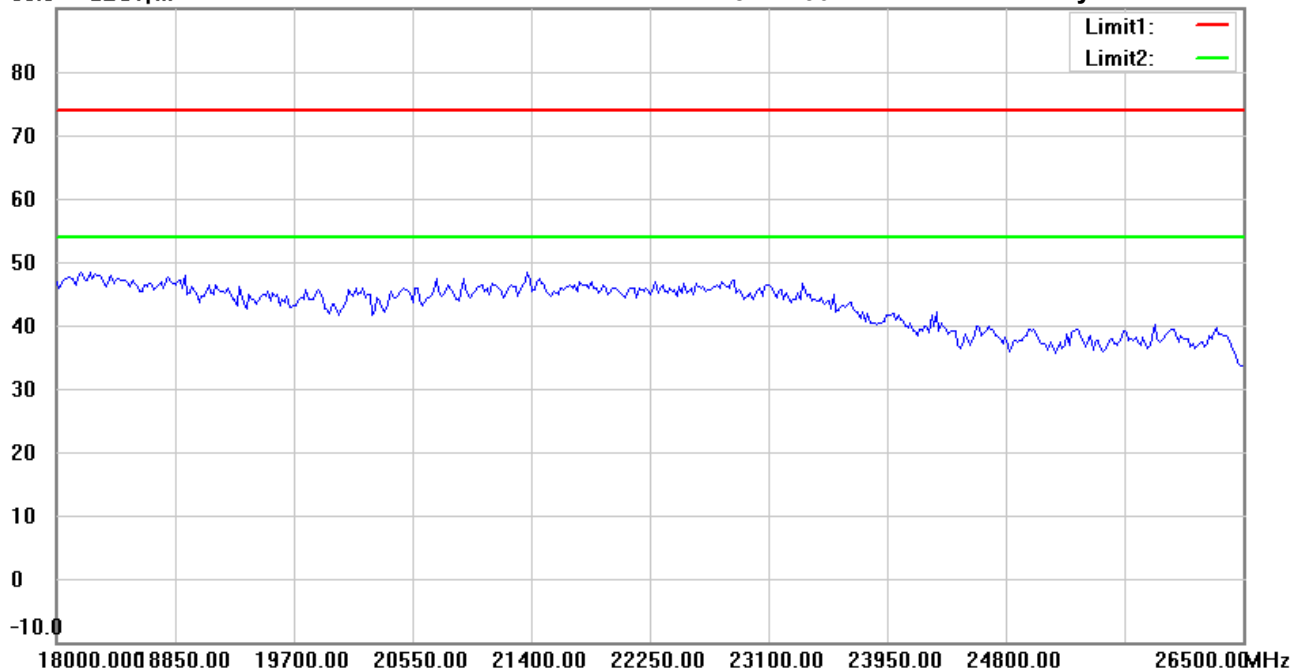
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:30:21 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2441MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

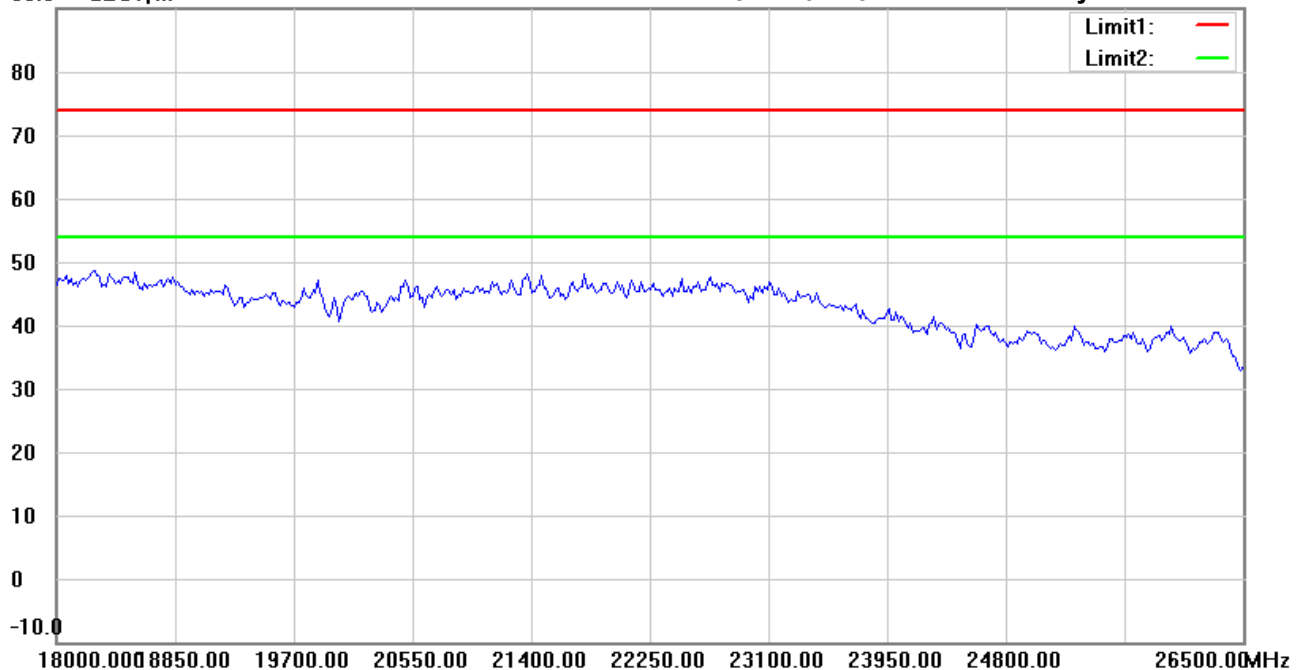
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:31:18 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2441MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

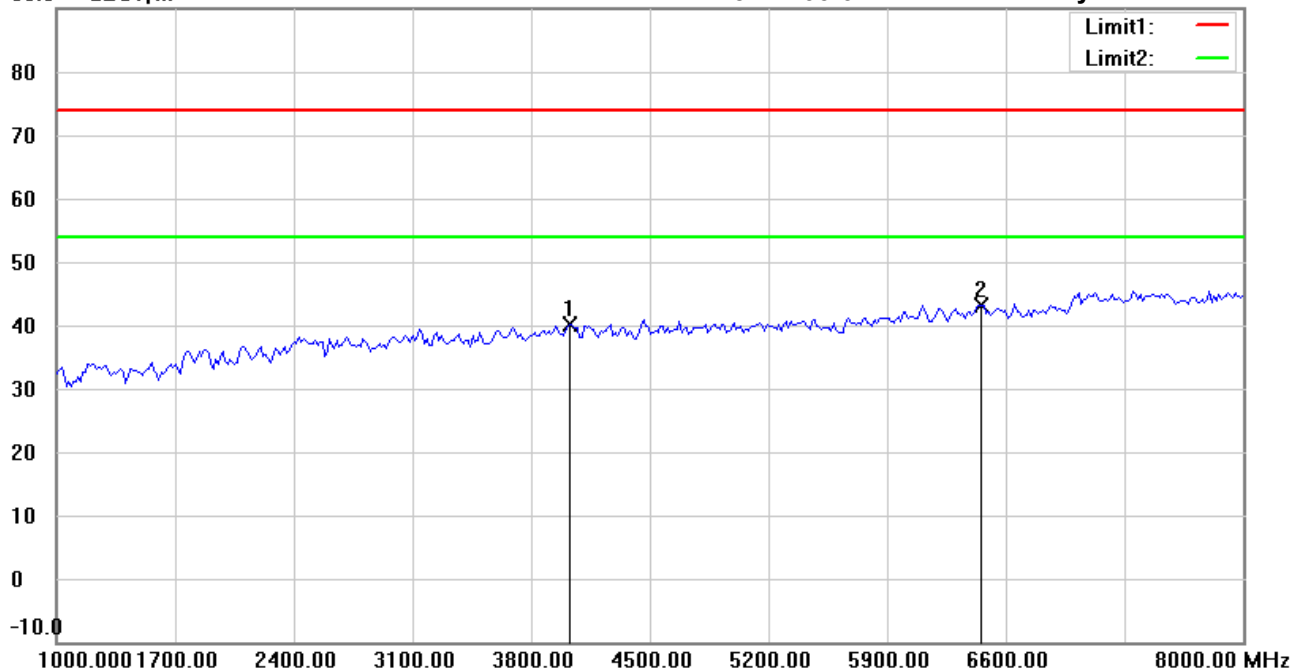
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:35:37 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4030.060	42.23	peak	-2.20	40.03	74.00	150	60	-33.97	
*	6442.886	40.97	peak	2.12	43.09	74.00	150	305	-30.91	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

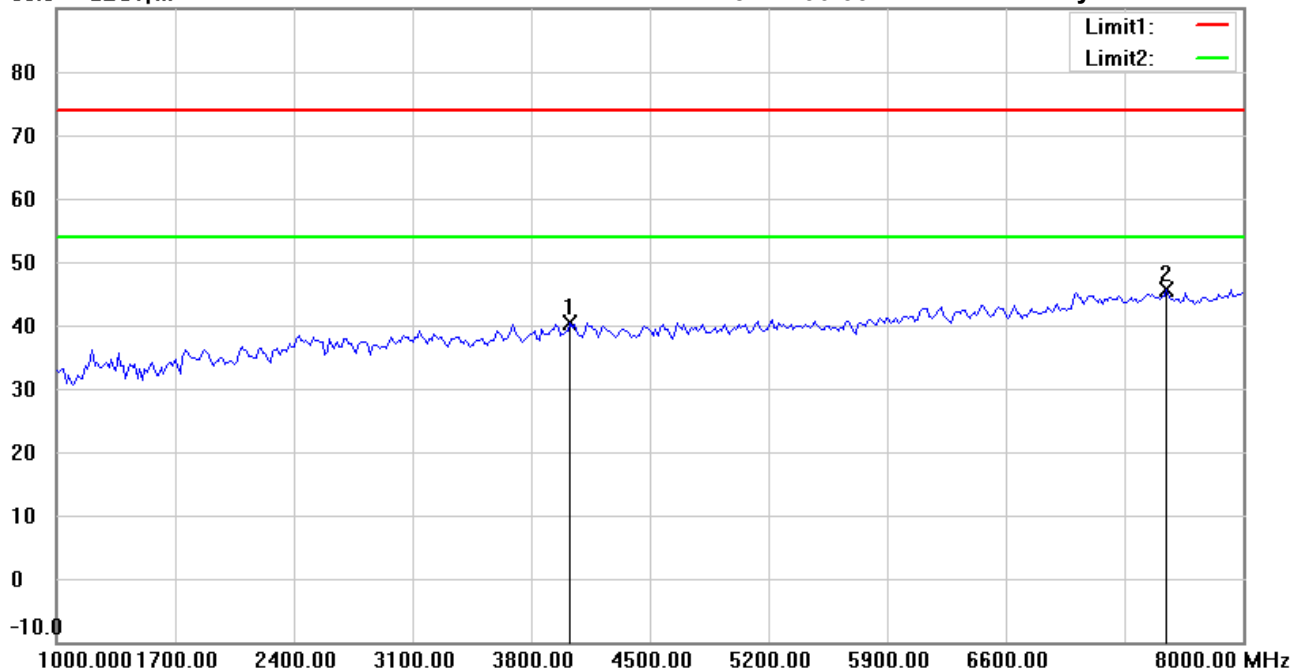
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:36:35 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4030.060	42.58	peak	-2.20	40.38	74.00	150	180	-33.62	
*	7551.102	42.08	peak	3.59	45.67	74.00	150	225	-28.33	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

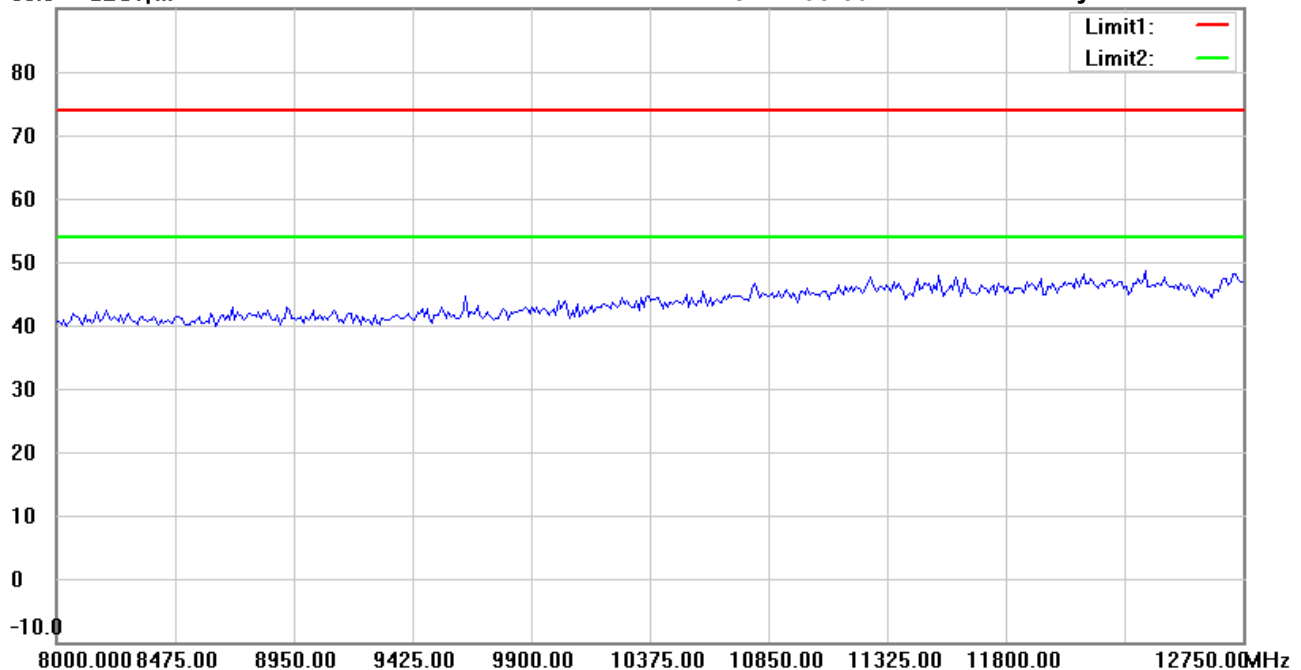
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:35:50 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

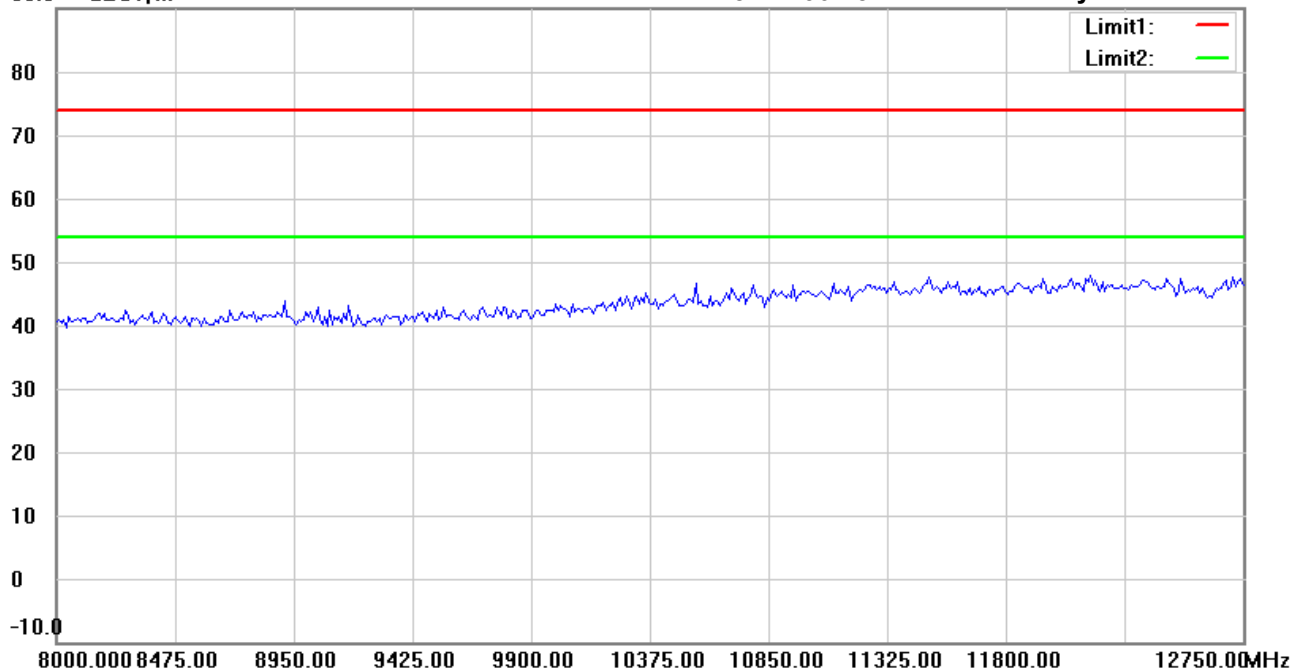
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:36:48 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

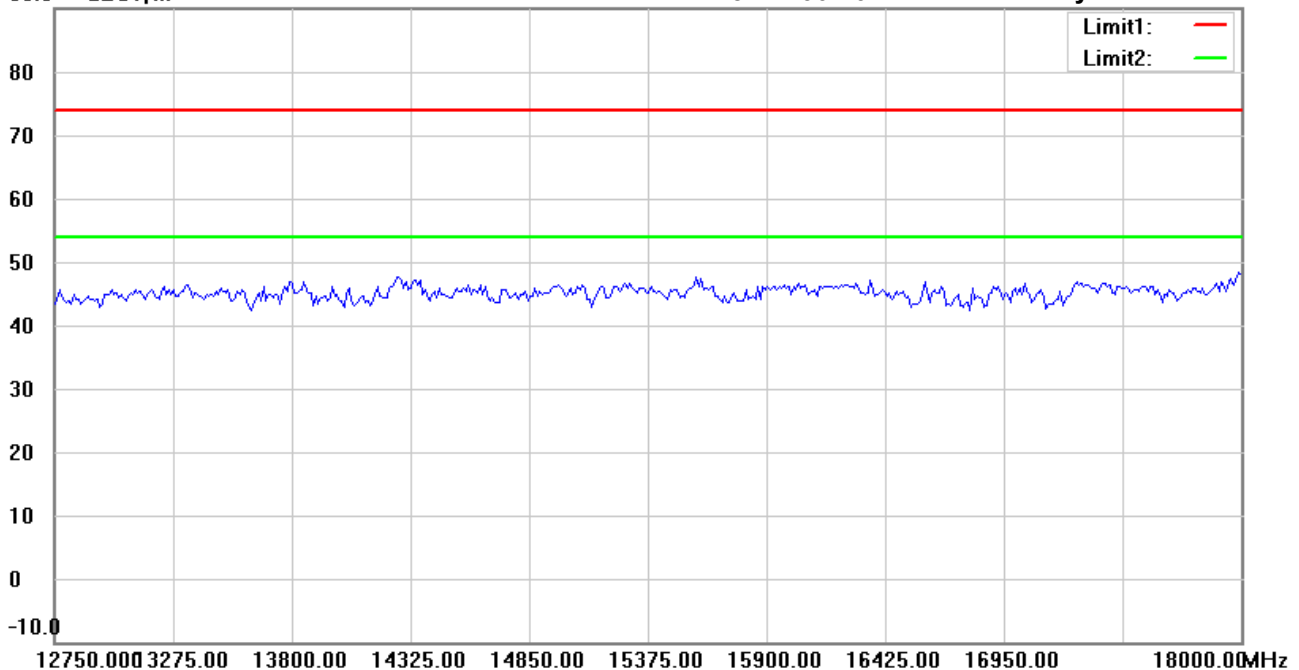
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:36:16 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

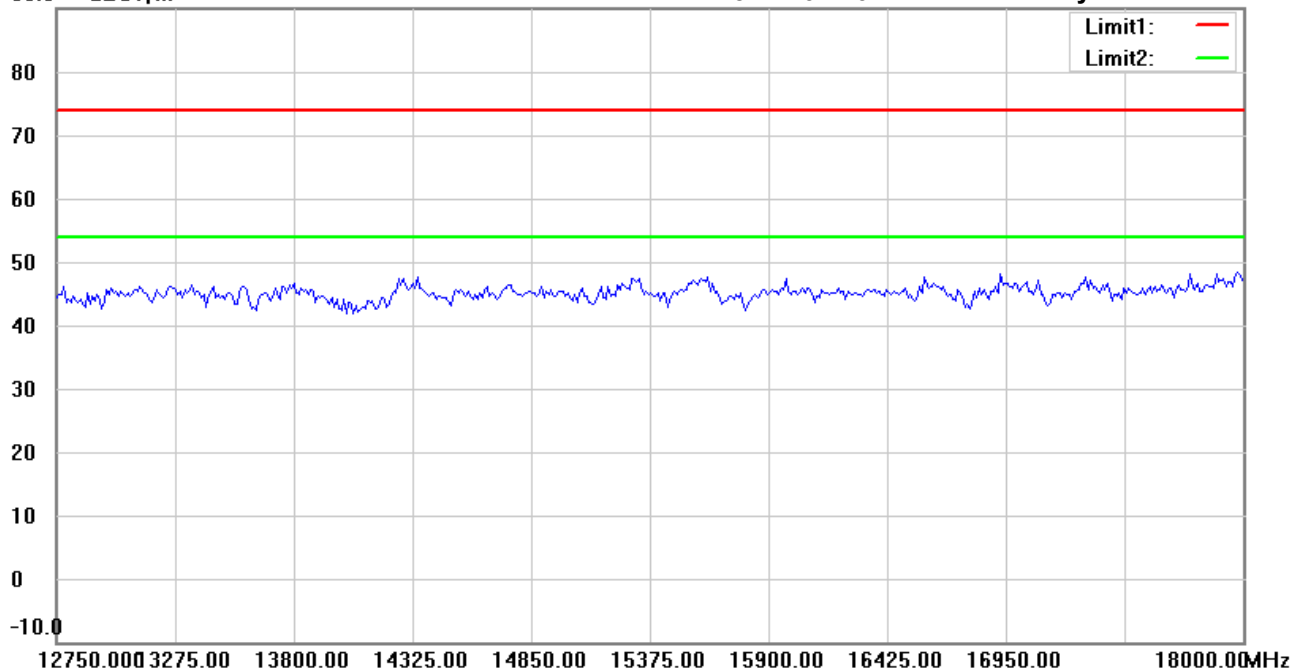
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:37:13 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

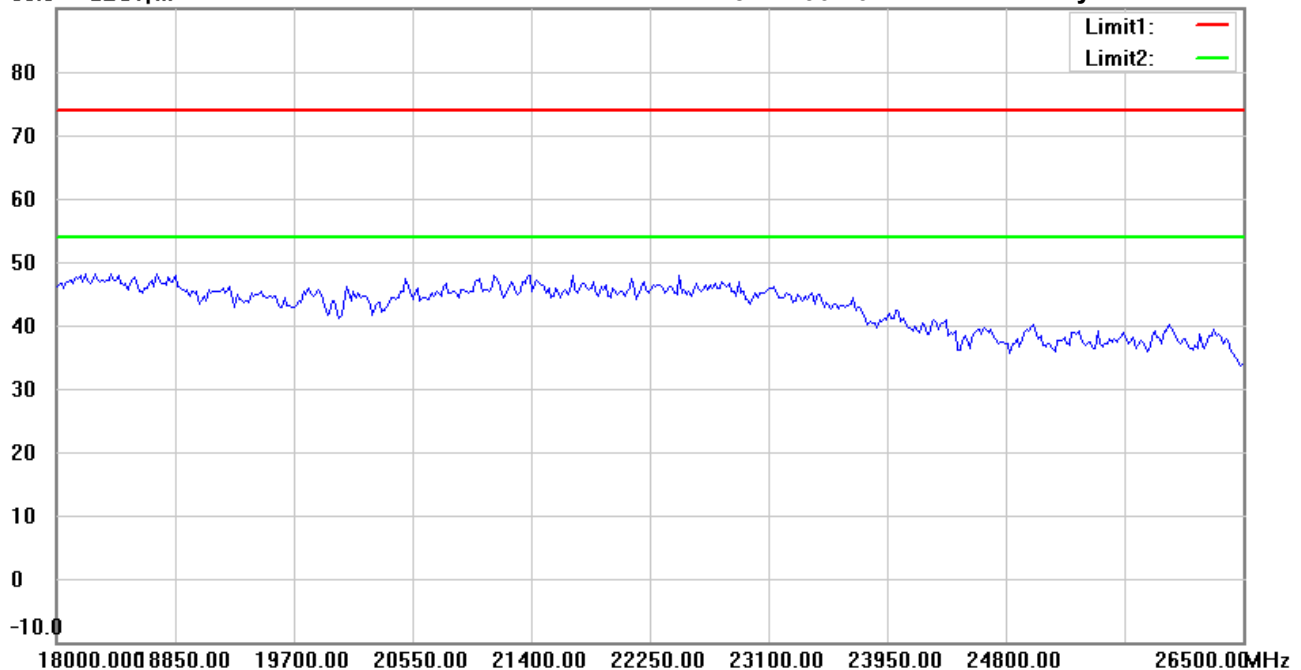
Date: 8/12/2019

Temperature:28.7 °C

90.0 dBuV/m

Time: 11:36:26 PM

Humidity:74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

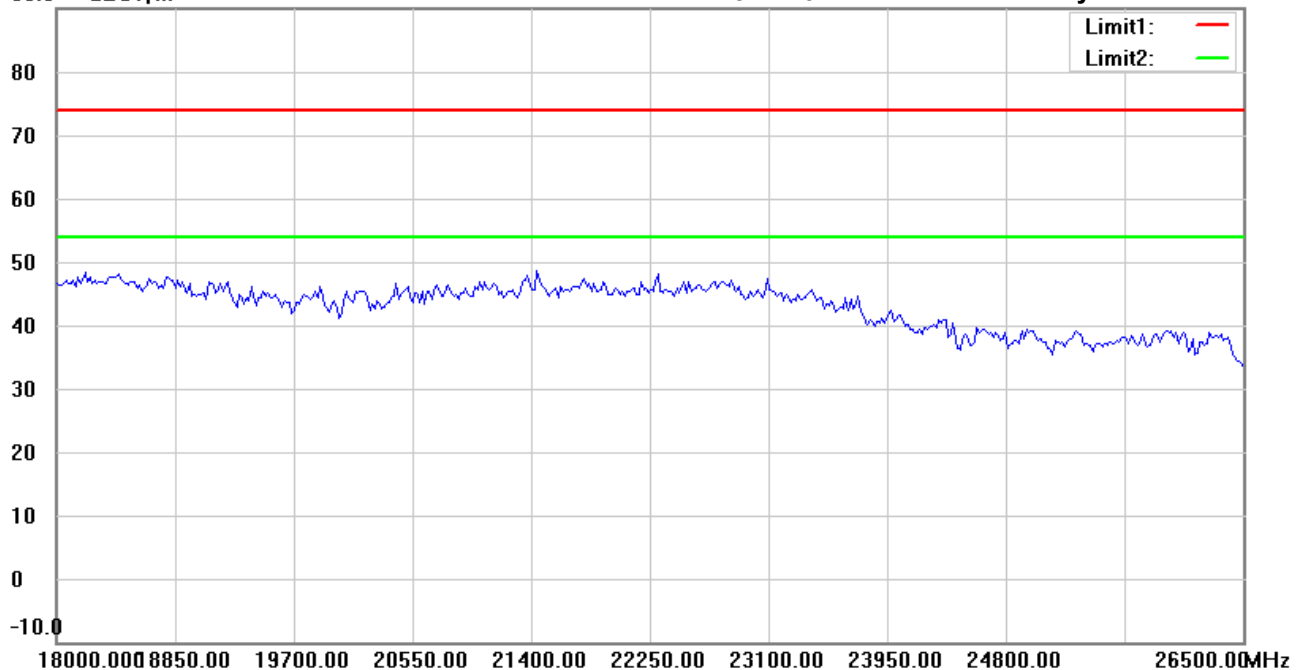
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:37:24 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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 Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#1

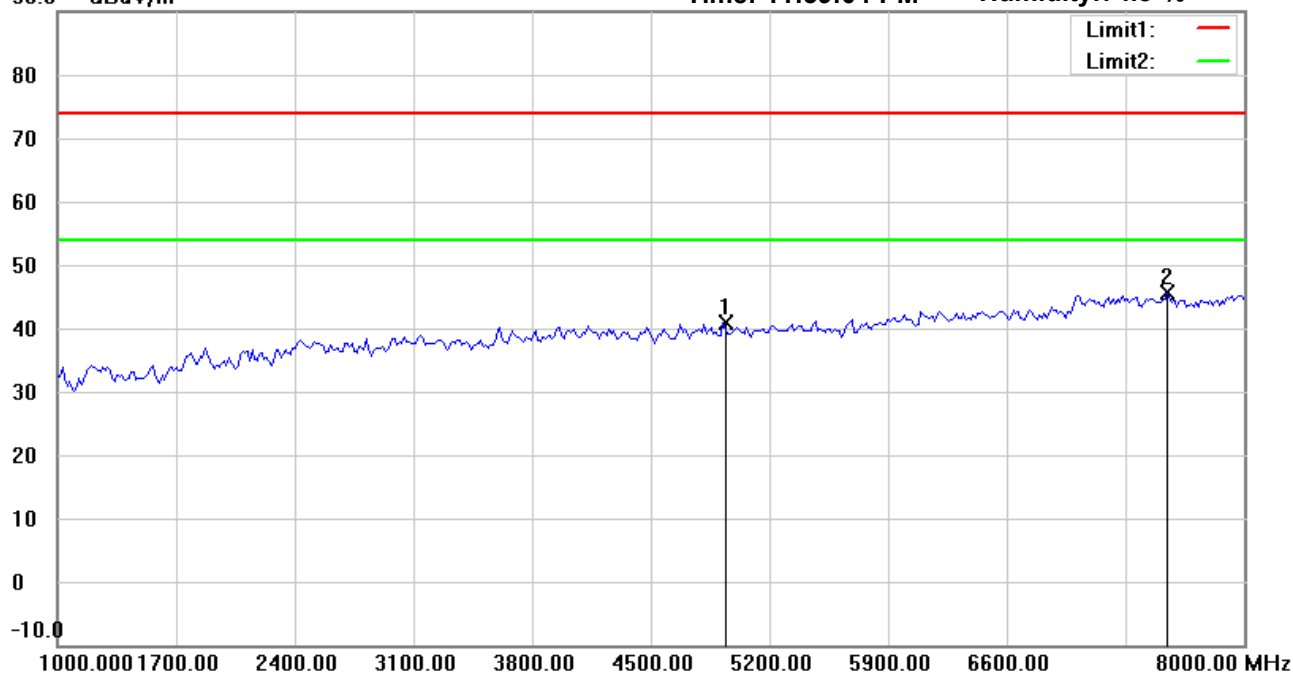
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:39:04 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

Polarization: *Horizontal*

EUT : W6M21907-19248

Power : 3.7 Vd.c.

M/N:

Distance: 3m

Test Mode : RX 2402MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4927.856	42.41	peak	-1.49	40.92	74.00	150	305	-33.08	
*	7551.102	42.11	peak	3.59	45.70	74.00	150	90	-28.30	



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

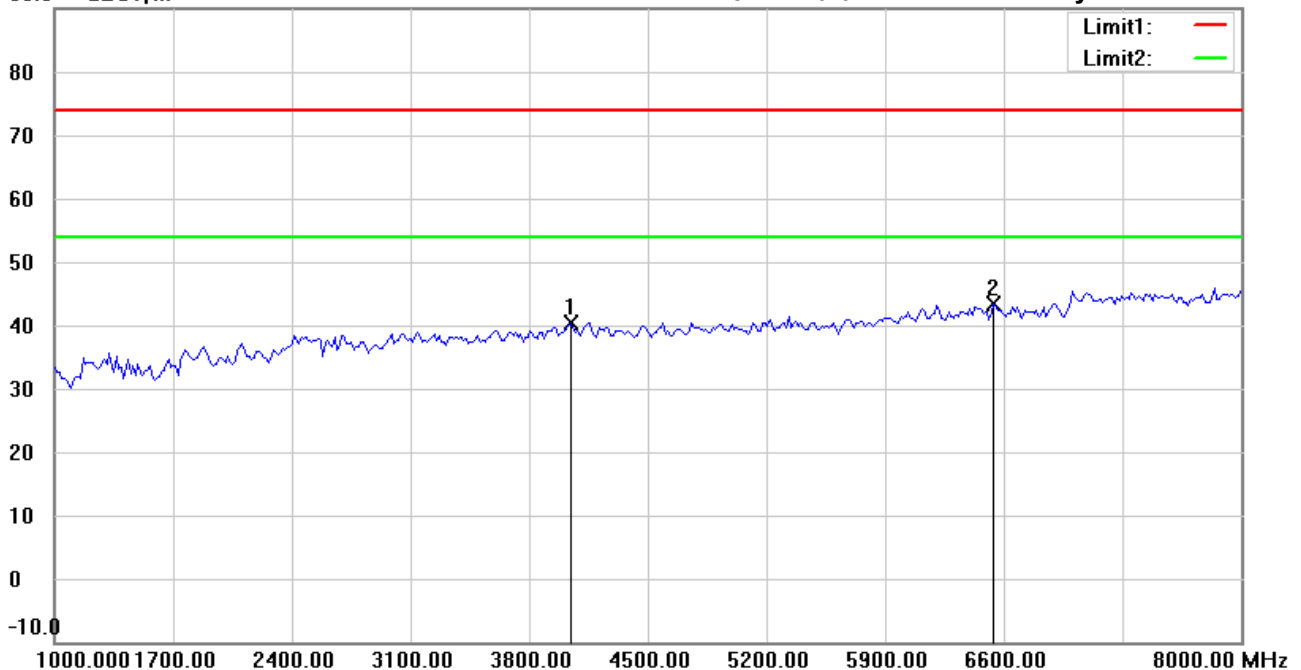
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:40:01 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4044.088	42.73	peak	-2.24	40.49	74.00	150	225	-33.51	
*	6541.082	40.98	peak	2.32	43.30	74.00	150	120	-30.70	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

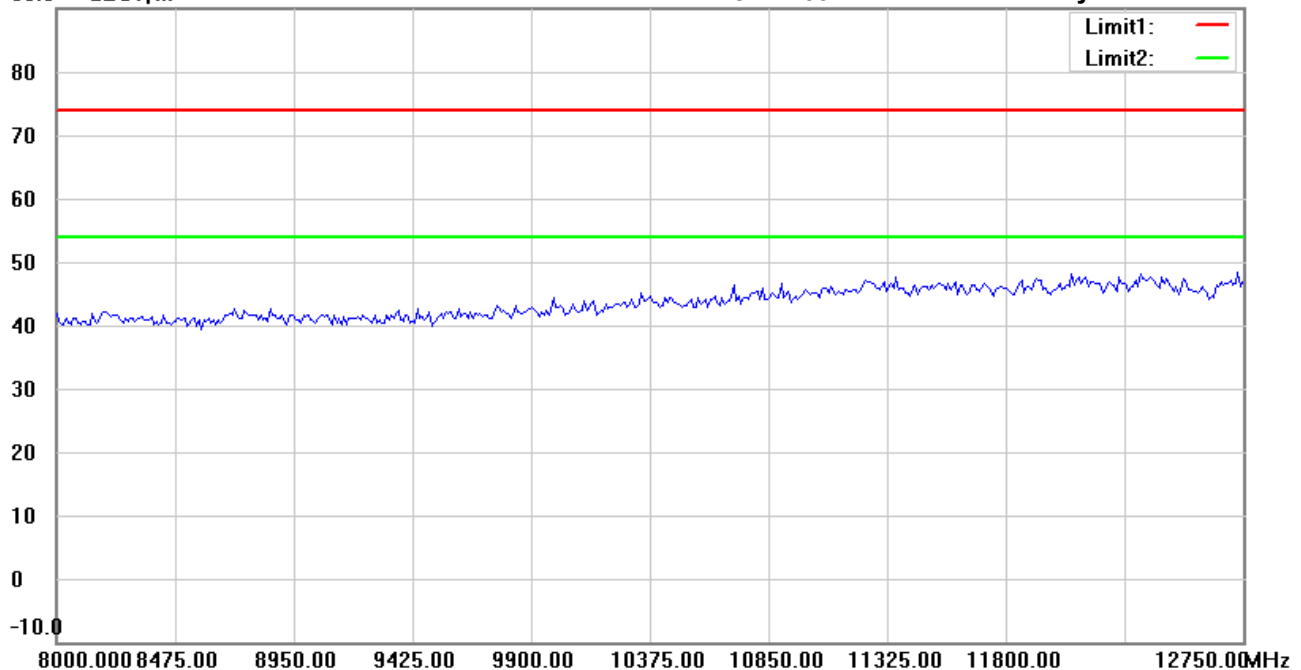
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:39:17 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

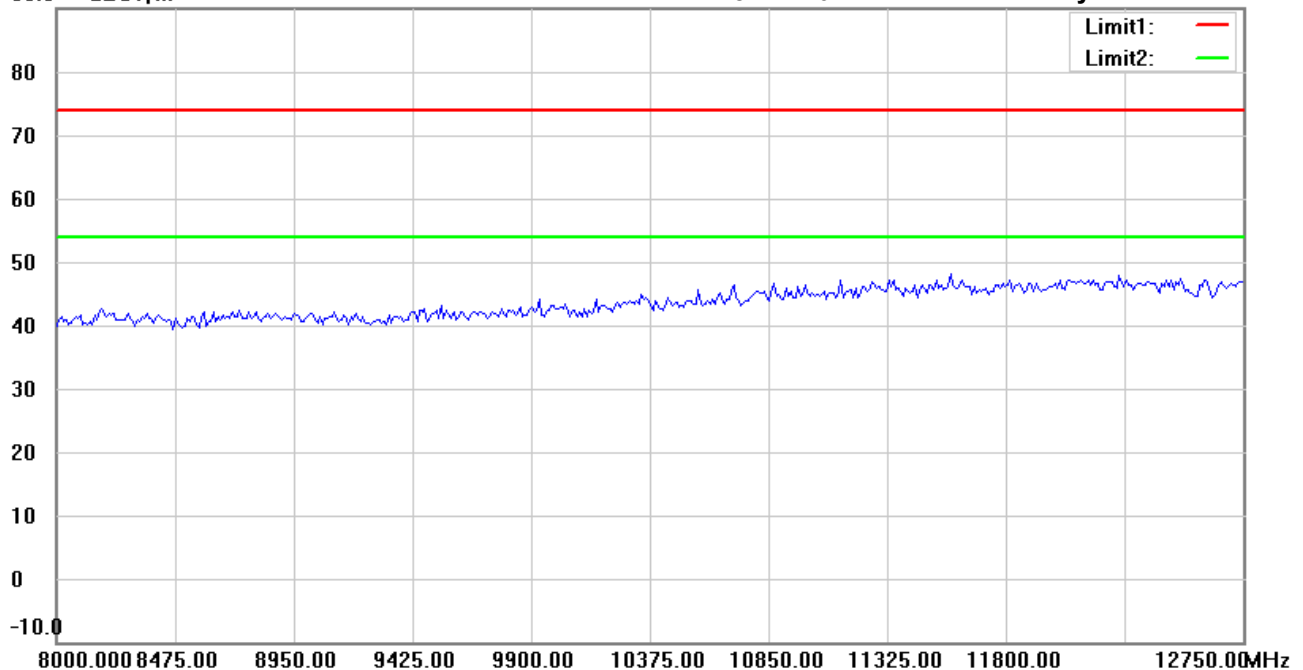
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:40:14 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

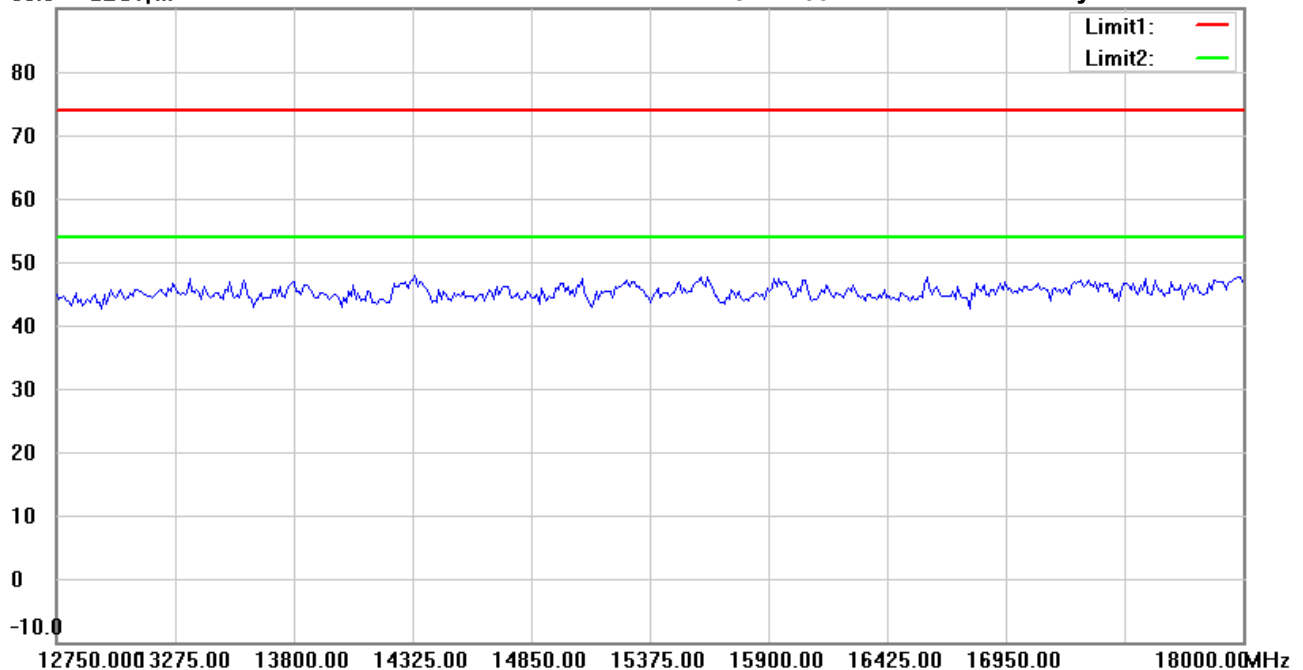
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:39:42 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

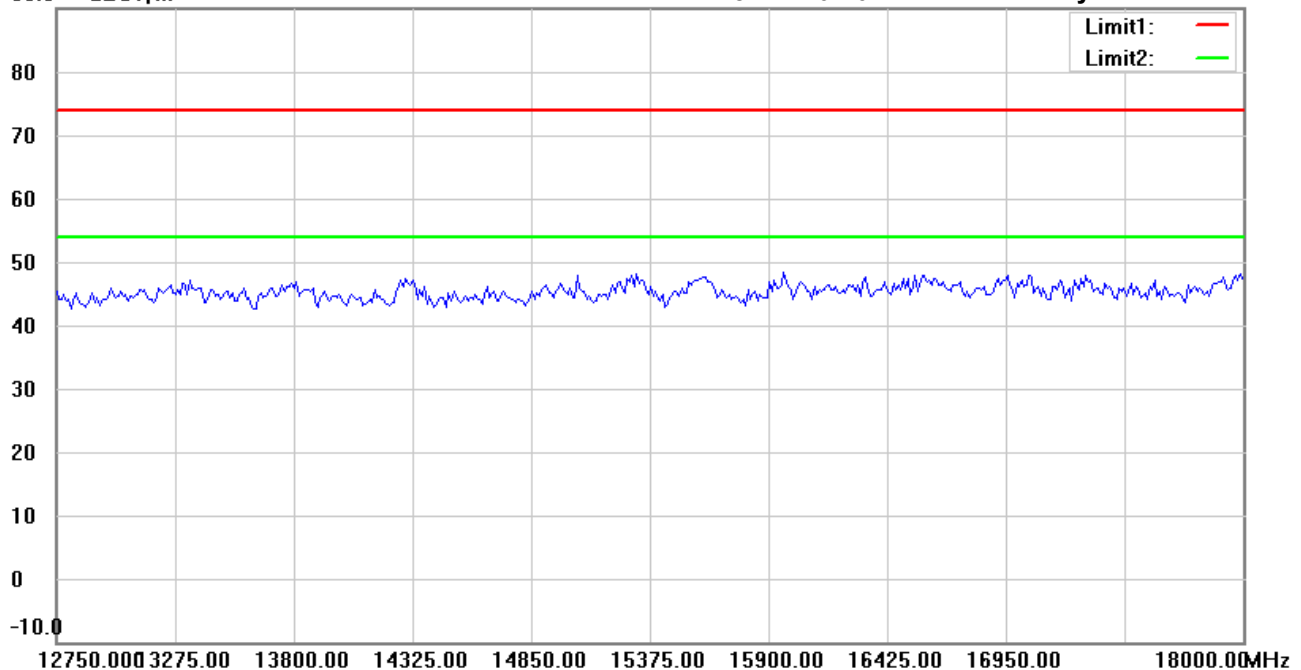
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:40:40 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #4

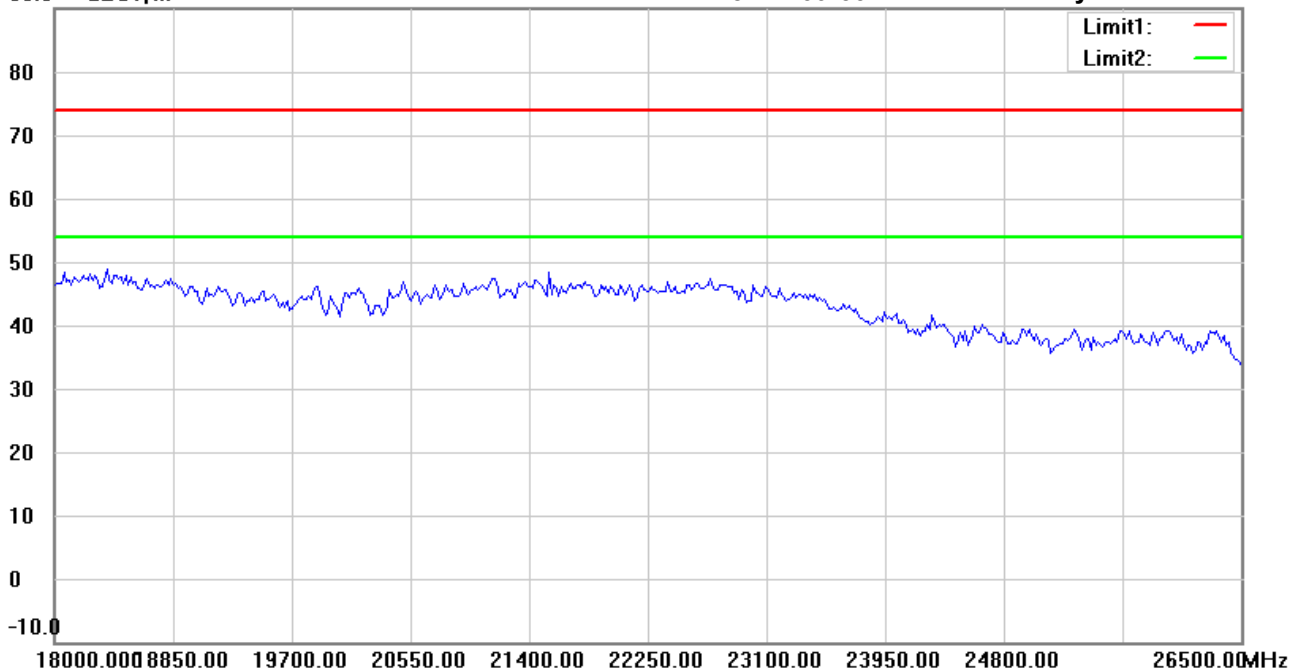
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:39:53 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

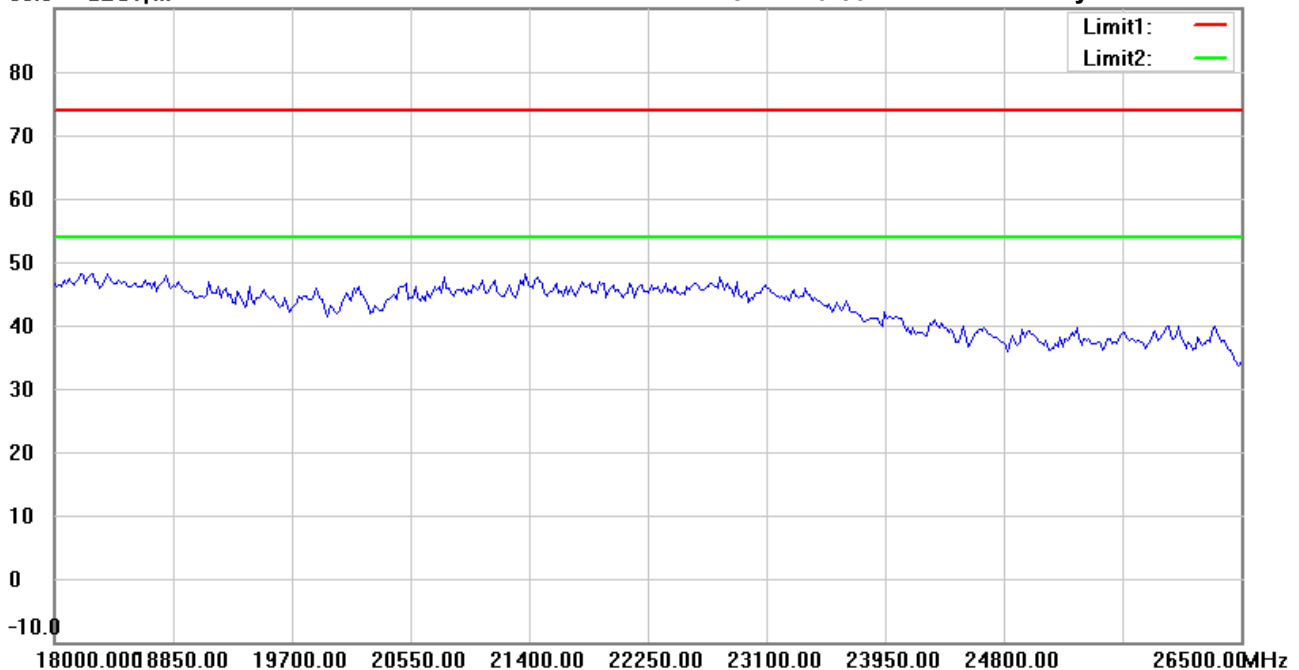
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:40:50 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

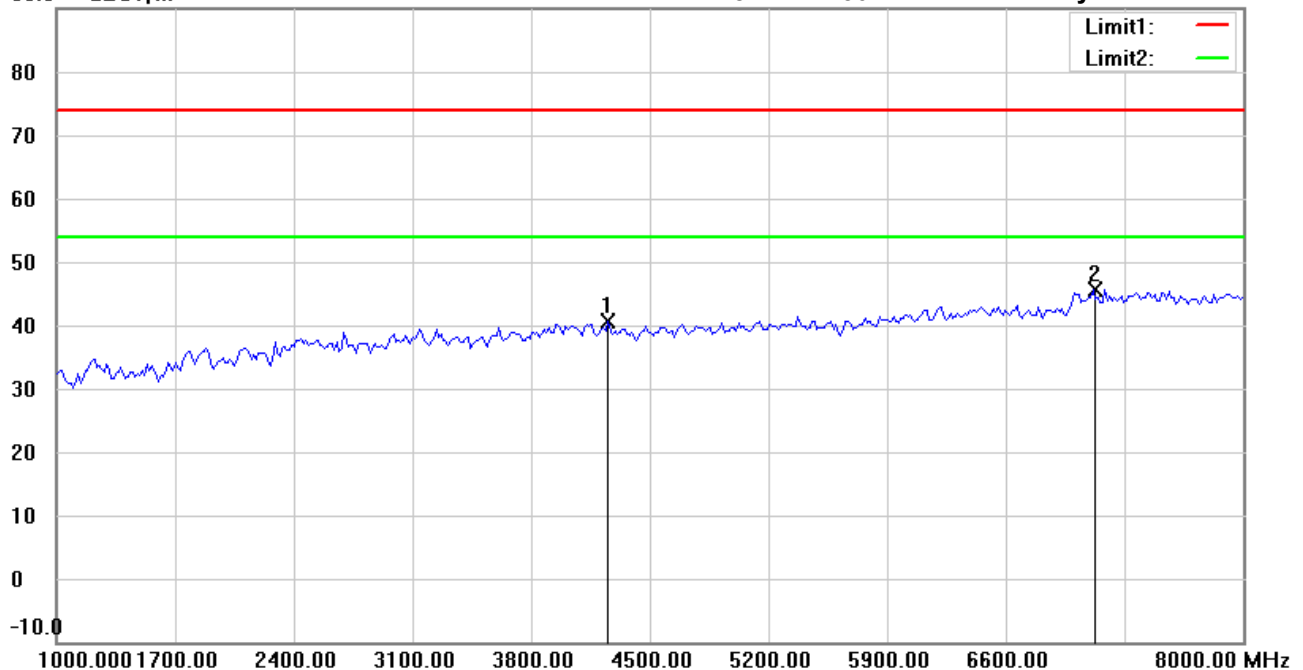
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:41:50 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2440MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4254.509	42.81	peak	-2.24	40.57	74.00	150	220	-33.43	
*	7116.233	42.05	peak	3.50	45.55	74.00	150	135	-28.45	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

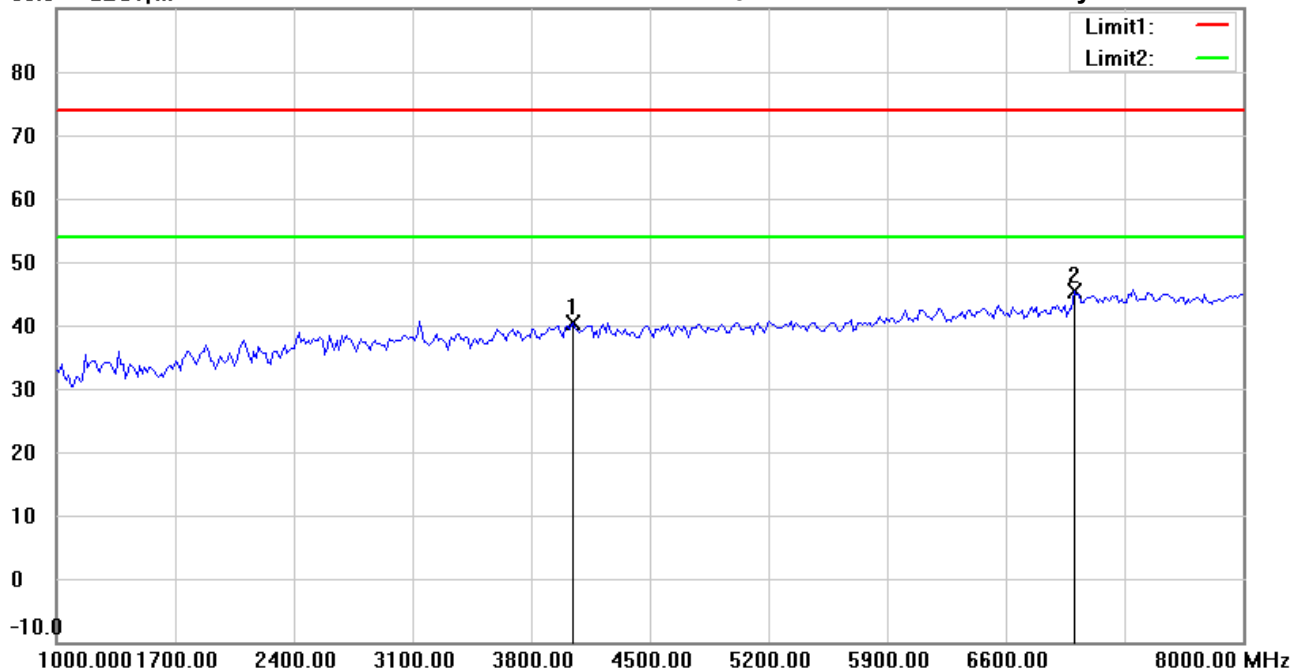
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:42:47 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2440MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4044.088	42.60	peak	-2.24	40.36	74.00	150	195	-33.64	
*	7004.008	41.88	peak	3.57	45.45	74.00	150	235	-28.55	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

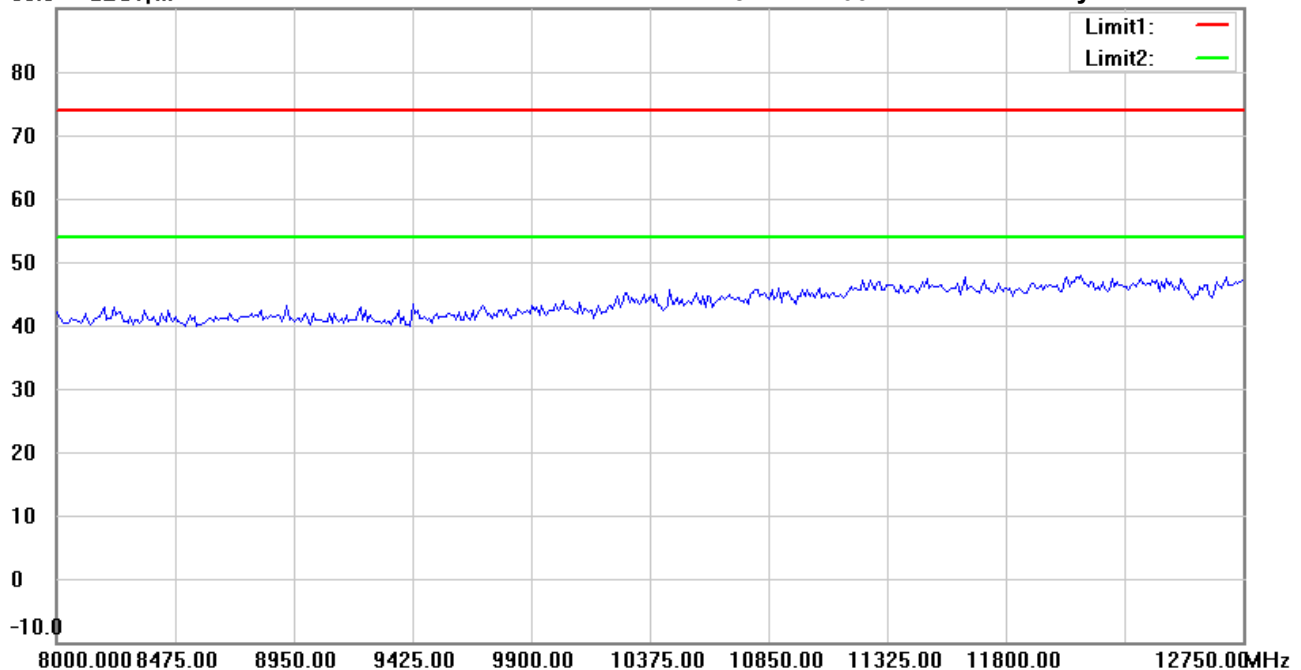
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:42:03 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2440MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

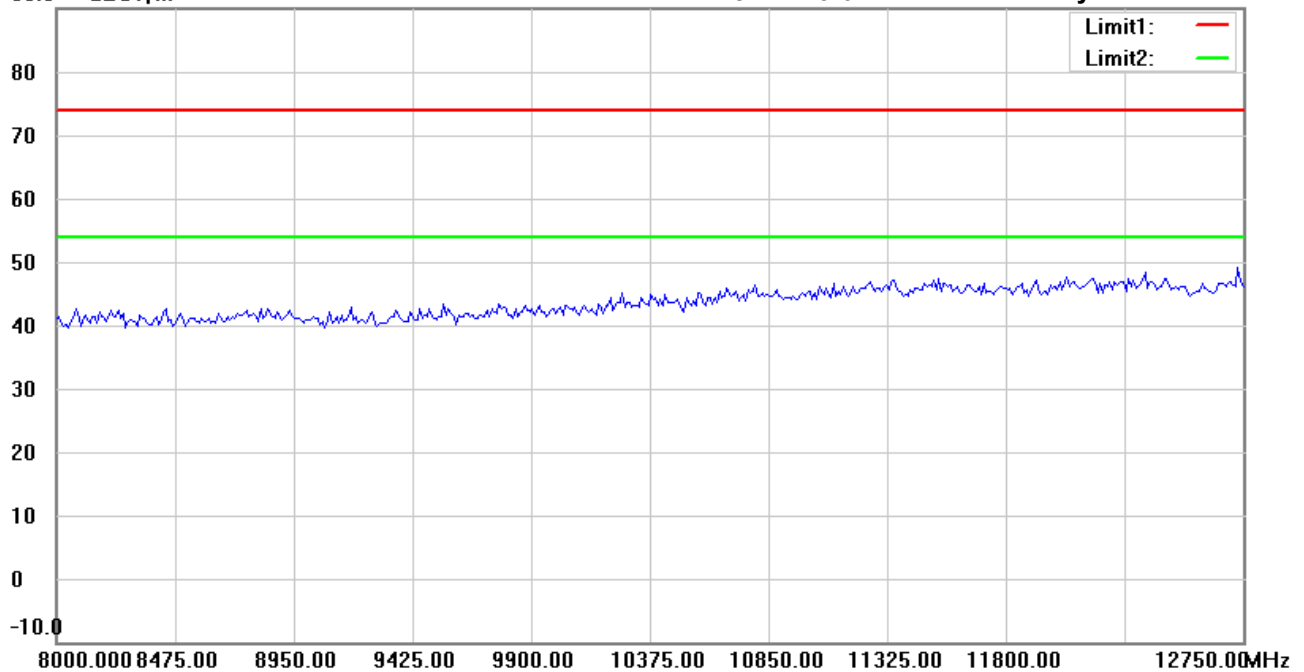
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:43:01 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2440MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

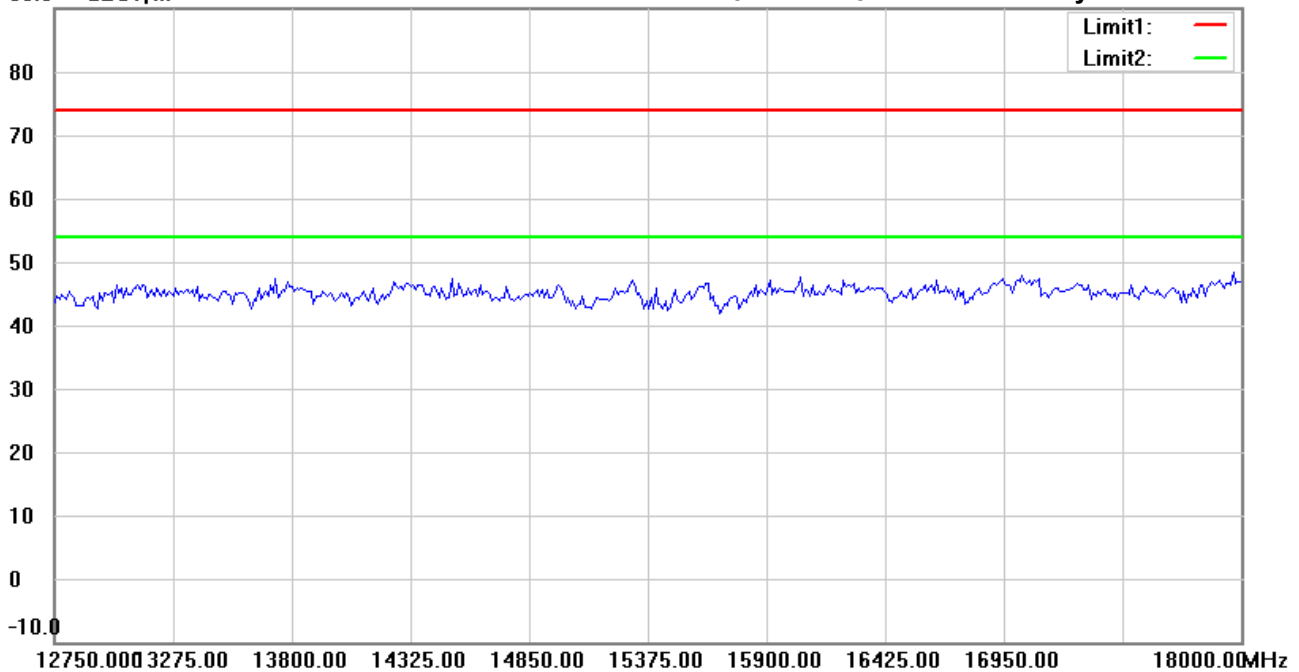
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:42:28 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2440MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

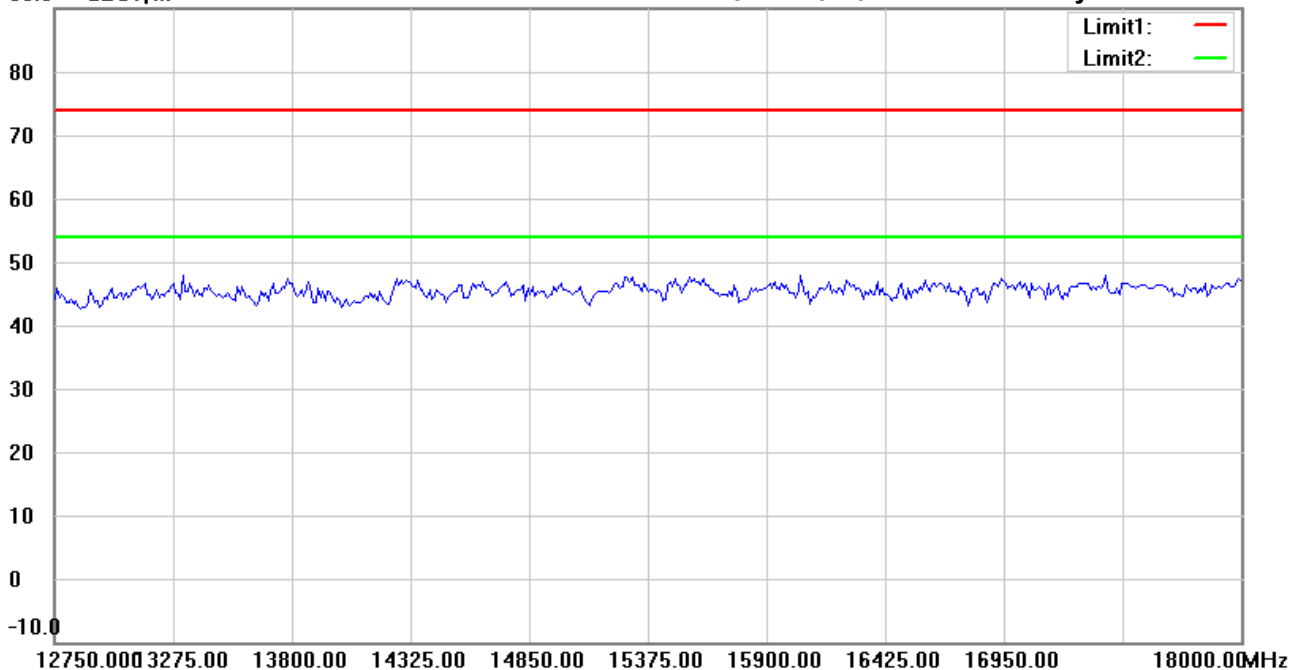
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:43:26 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2440MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

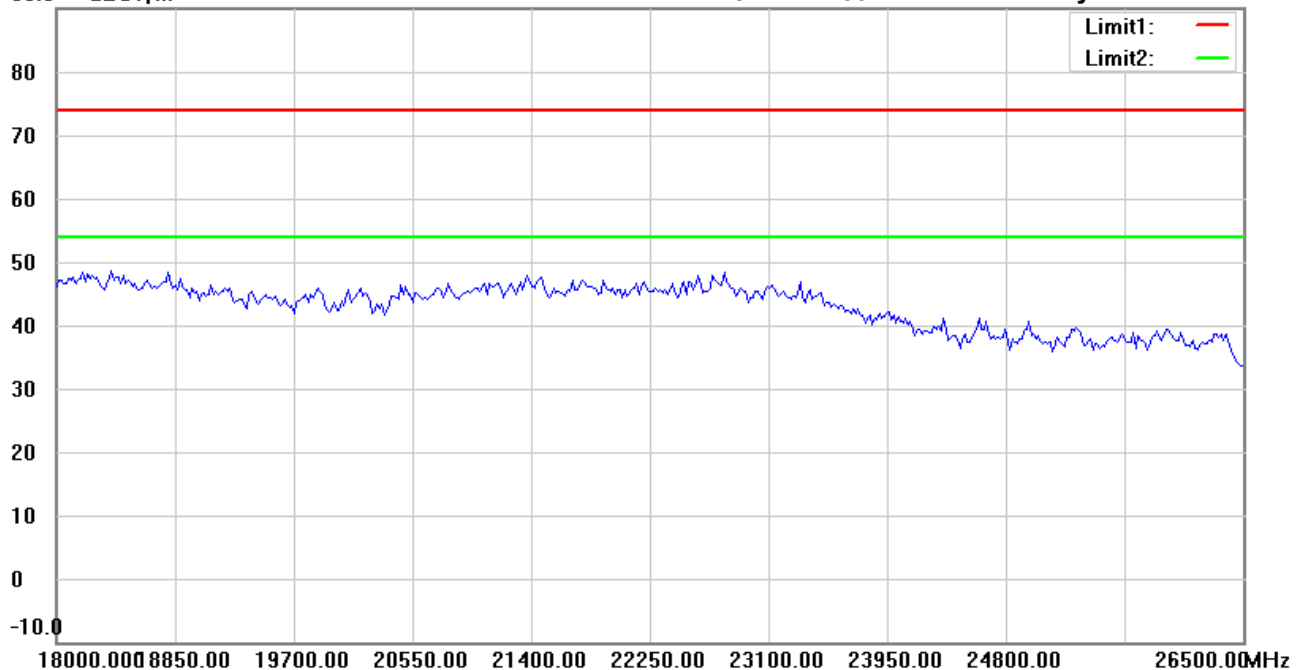
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:42:39 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2440MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

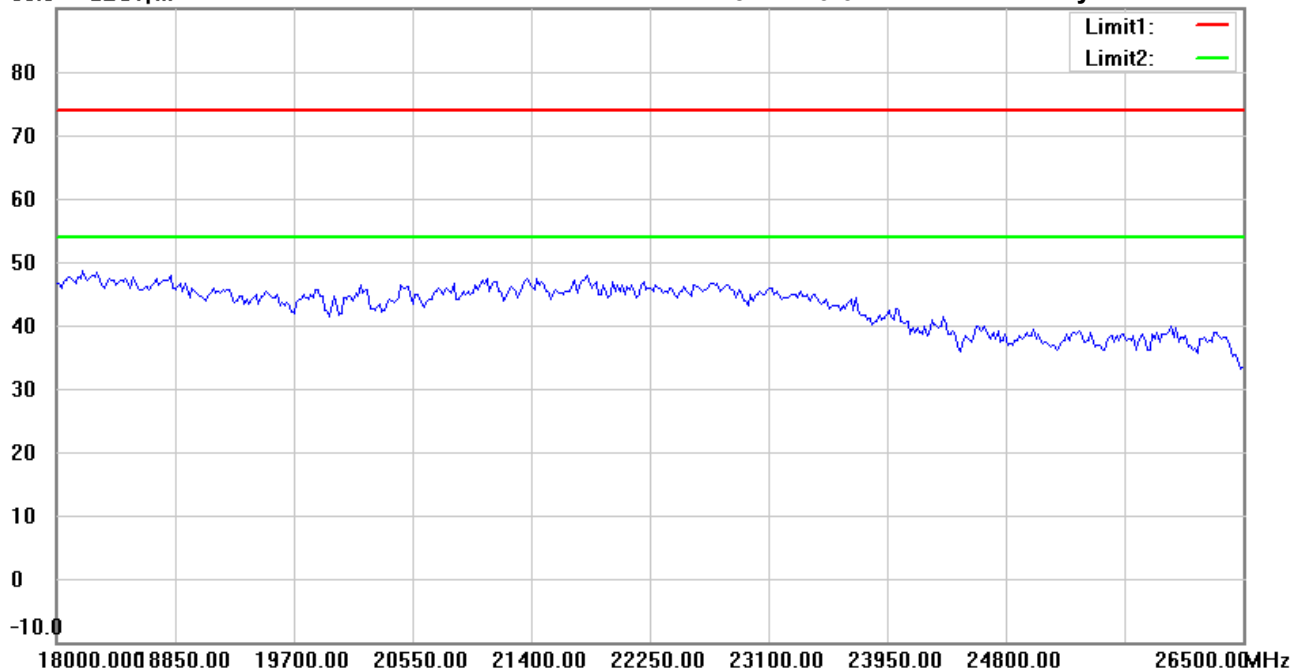
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:43:37 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2440MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

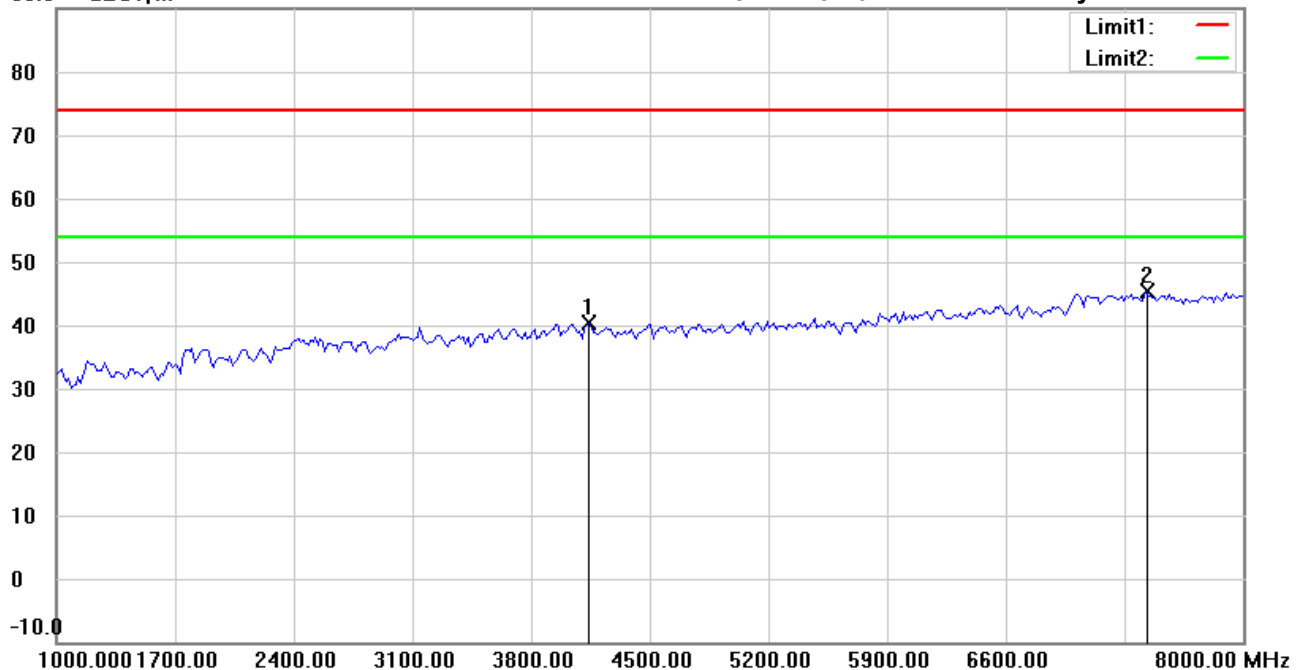
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:45:40 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4142.284	42.58	peak	-2.30	40.28	74.00	150	90	-33.72	
*	7424.850	41.51	peak	3.75	45.26	74.00	150	225	-28.74	

*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

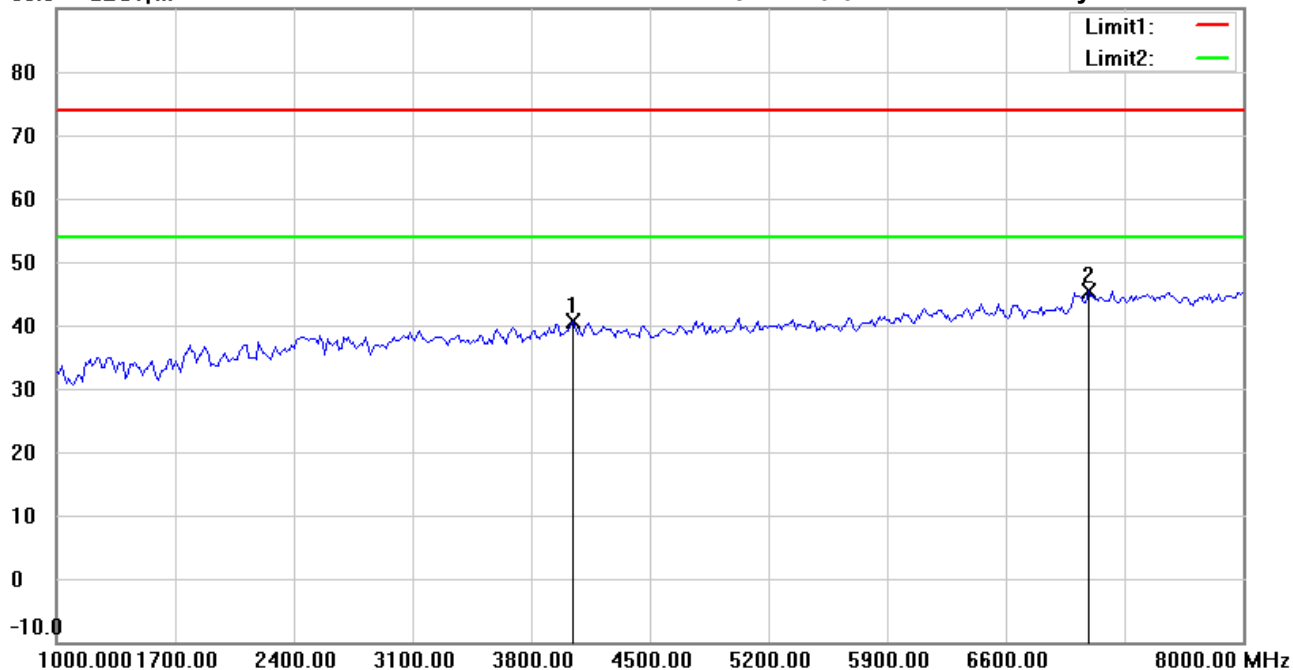
Date: 8/12/2019

Temperature:28.7 °C

90.0 dBuV/m

Time: 11:46:37 PM

Humidity:74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4044.088	42.82	peak	-2.24	40.58	74.00	150	190	-33.42	
*	7088.176	41.92	peak	3.55	45.47	74.00	150	225	-28.53	

*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

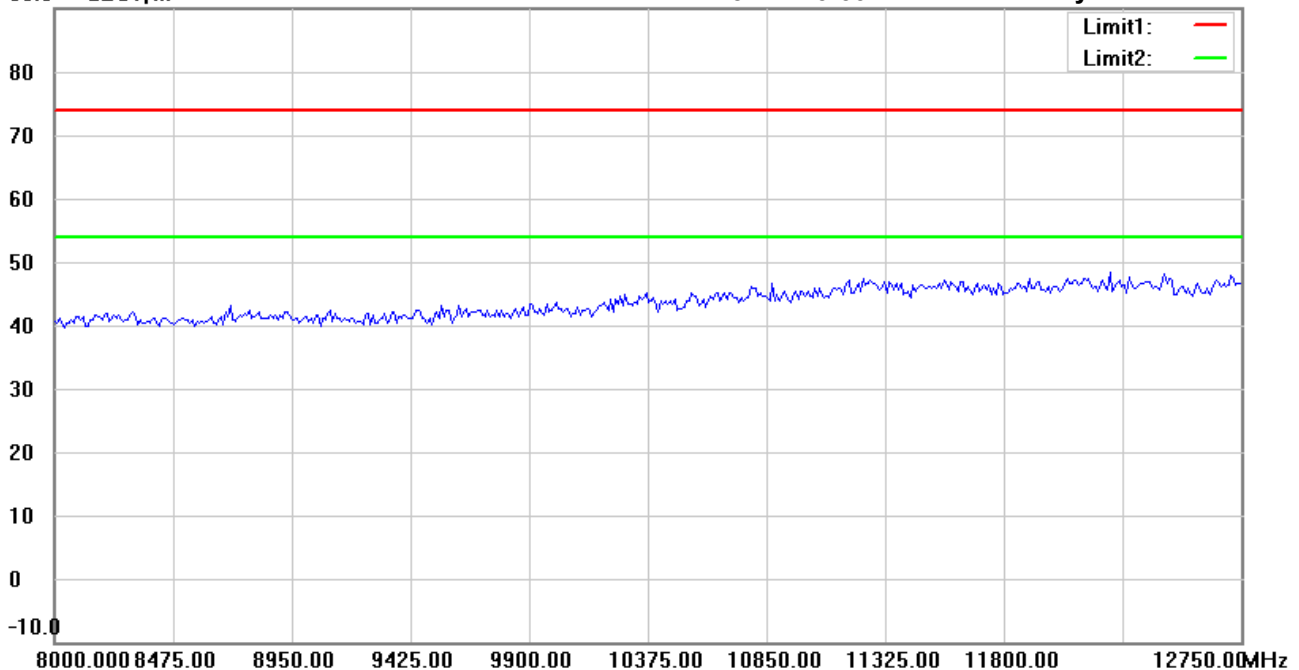
Date: 8/12/2019

Temperature:28.7 °C

90.0 dBuV/m

Time: 11:45:53 PM

Humidity:74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

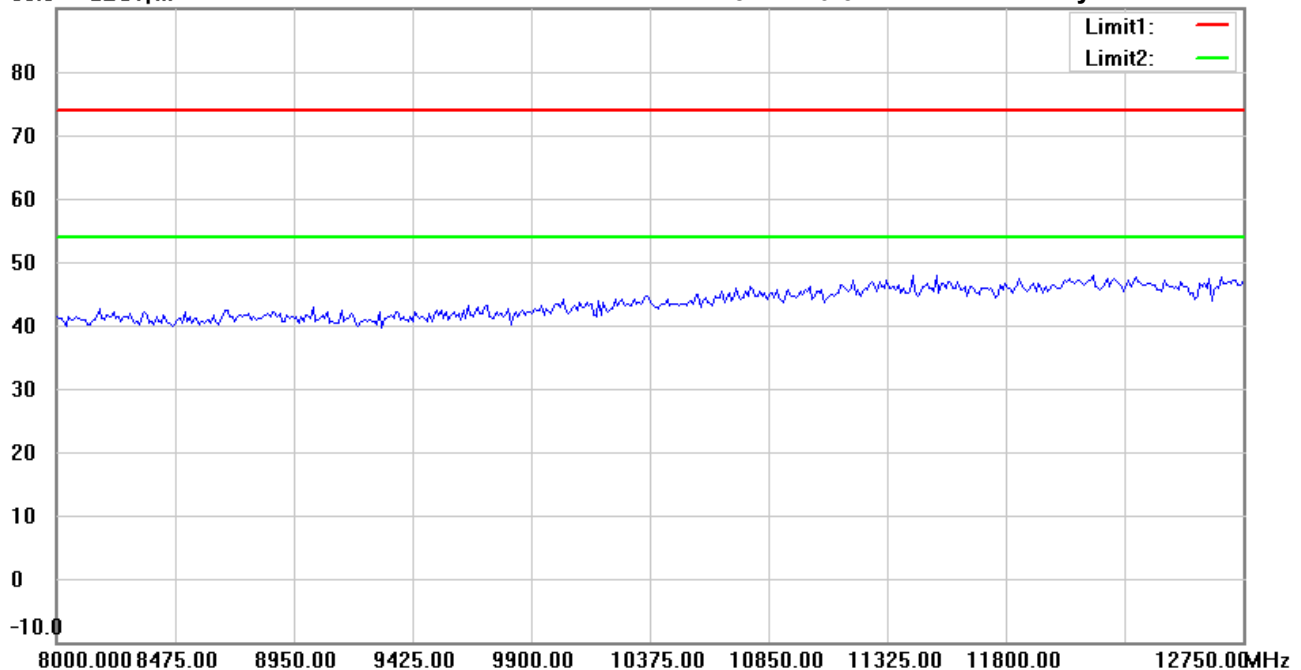
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:46:51 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

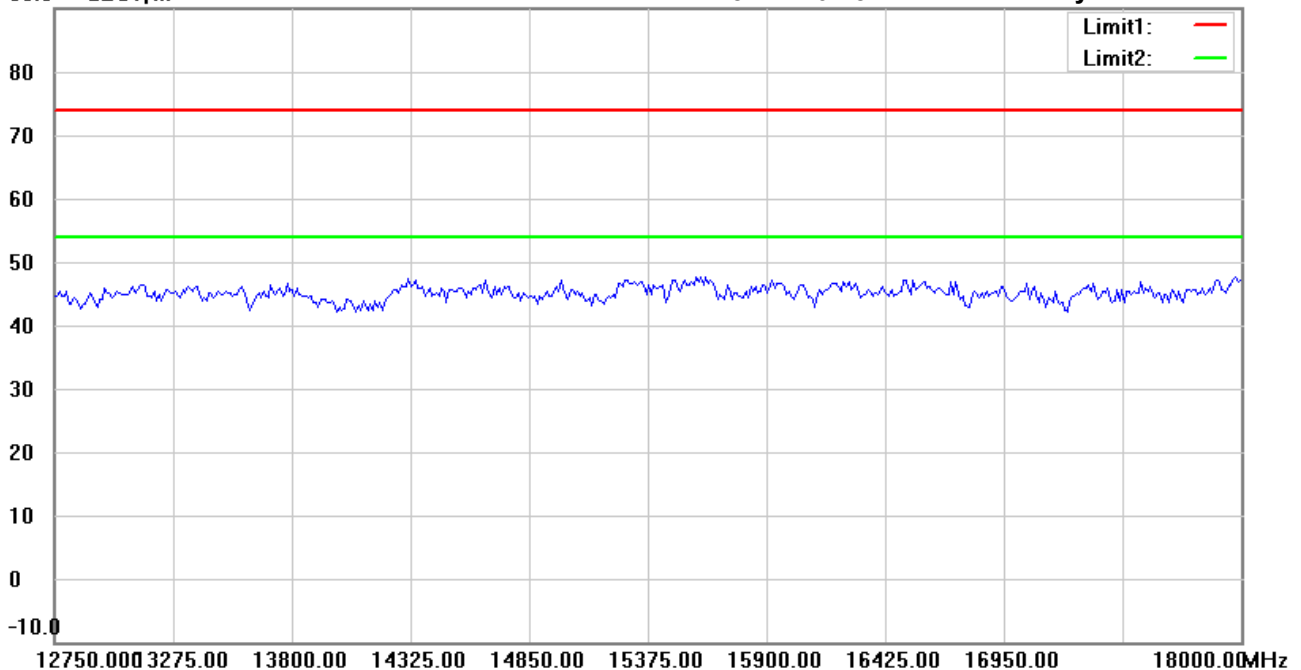
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:46:18 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#7

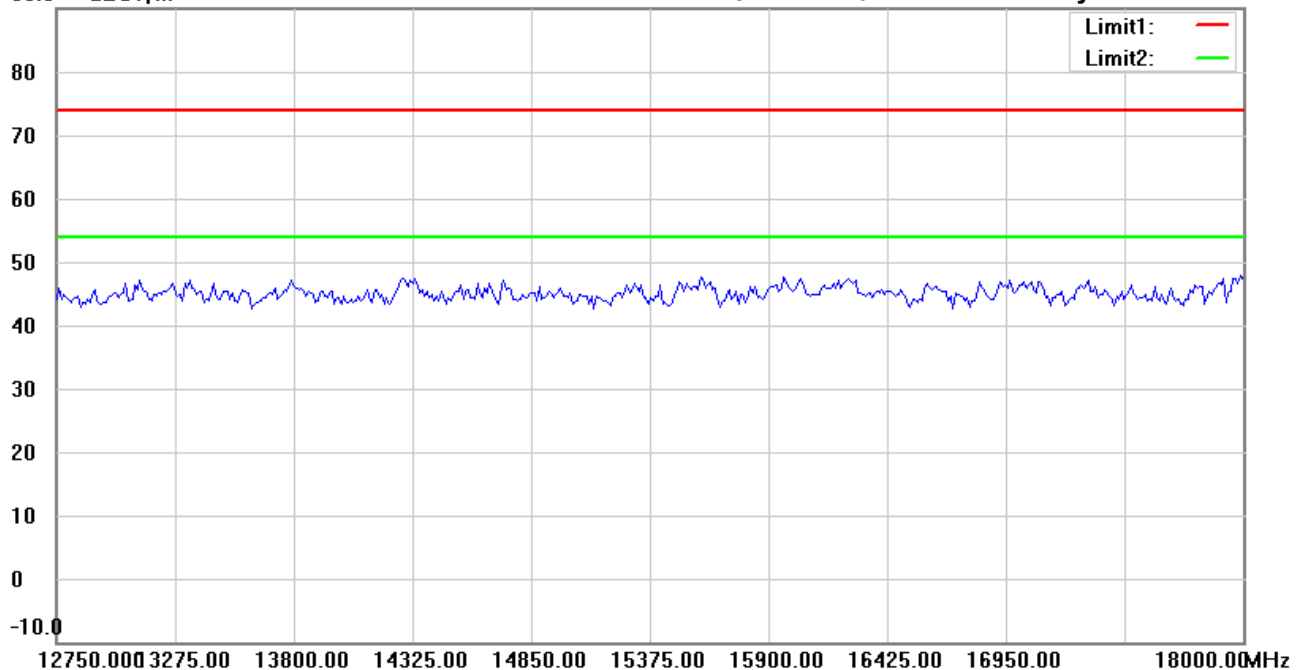
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:47:16 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

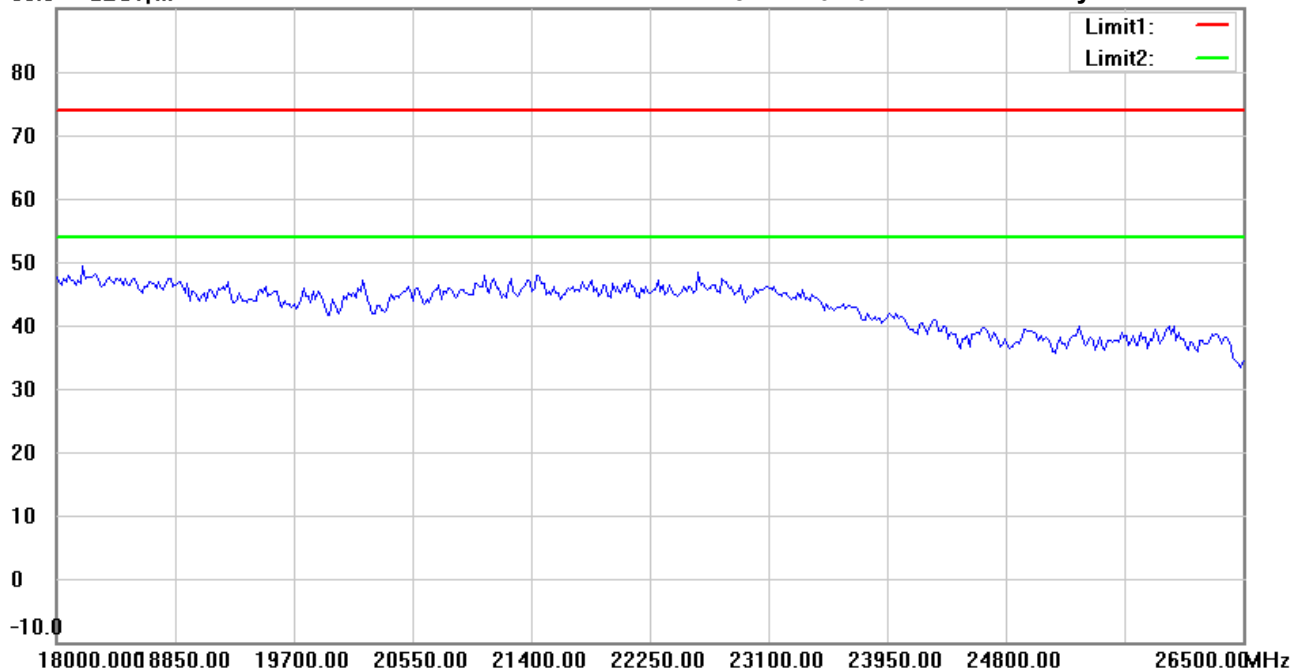
Date: 8/12/2019

Temperature:28.7 °C

90.0 dBuV/m

Time: 11:46:29 PM

Humidity:74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

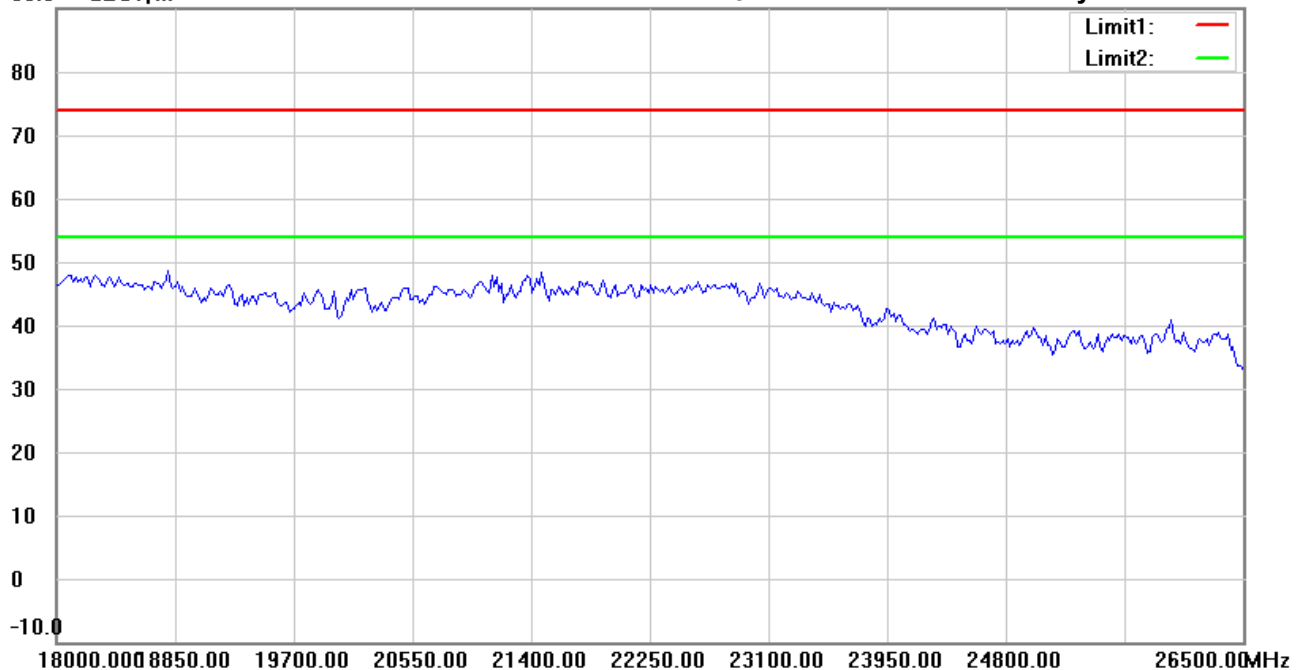
Date: 8/12/2019

Temperature: 28.7 °C

90.0 dBuV/m

Time: 11:47:27 PM

Humidity: 74.8 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

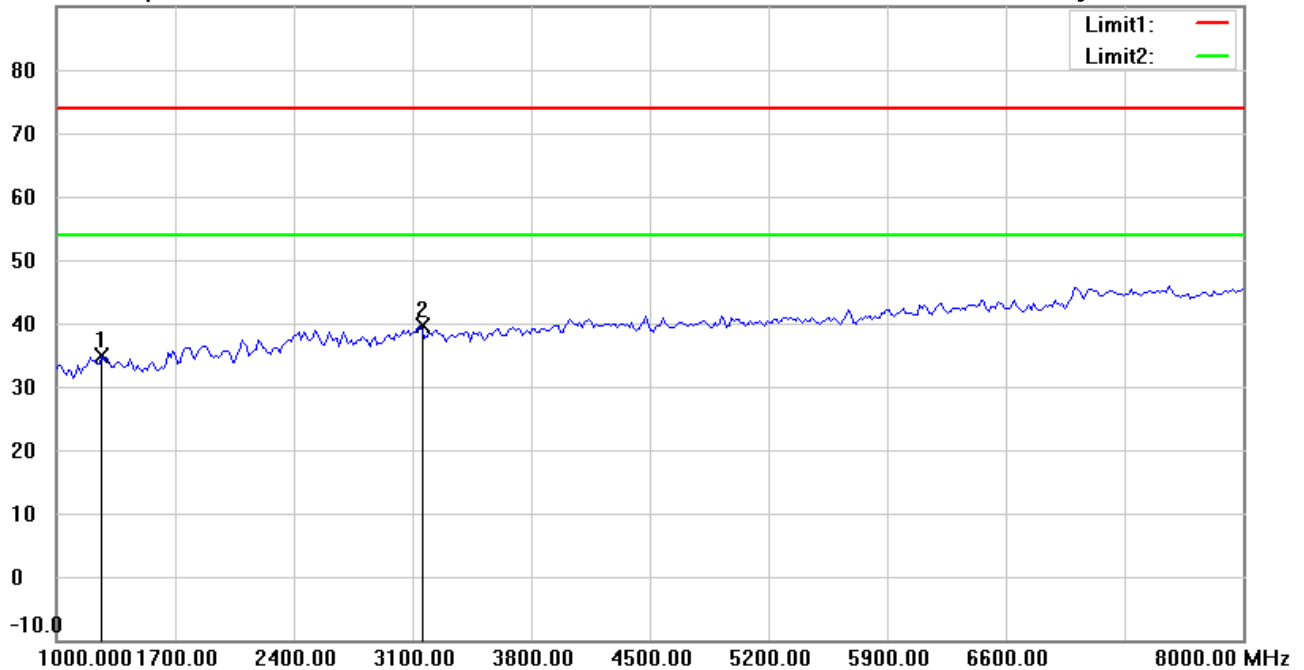
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:39:31 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

Polarization: *Horizontal*

EUT : W6M21907-19248

Power : 3.7 Vd.c.

M/N:

Distance: 3m

Test Mode : RX 2410MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1266.533	43.63	peak	-8.87	34.76	74.00	150	30	-39.24	
*	3146.293	43.28	peak	-3.63	39.65	74.00	150	115	-34.35	



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

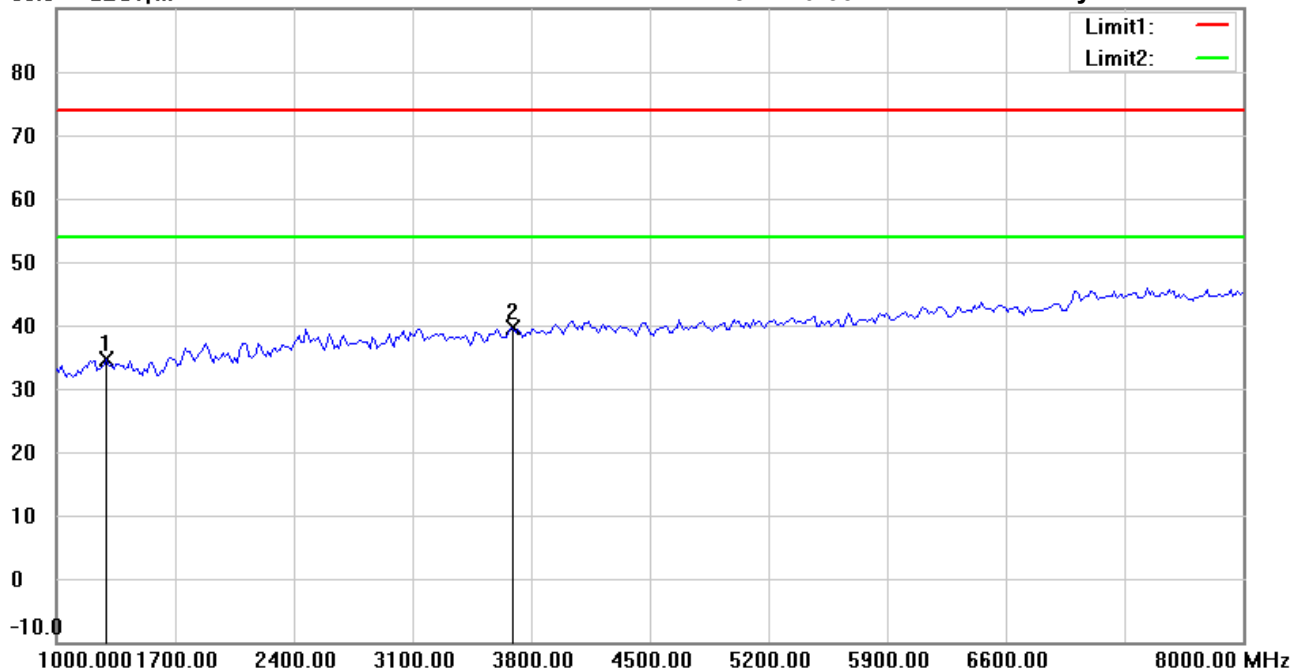
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:40:33 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2410MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1294.589	43.46	peak	-8.95	34.51	74.00	150	310	-39.49	
*	3679.359	42.29	peak	-2.59	39.70	74.00	150	420	-34.30	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

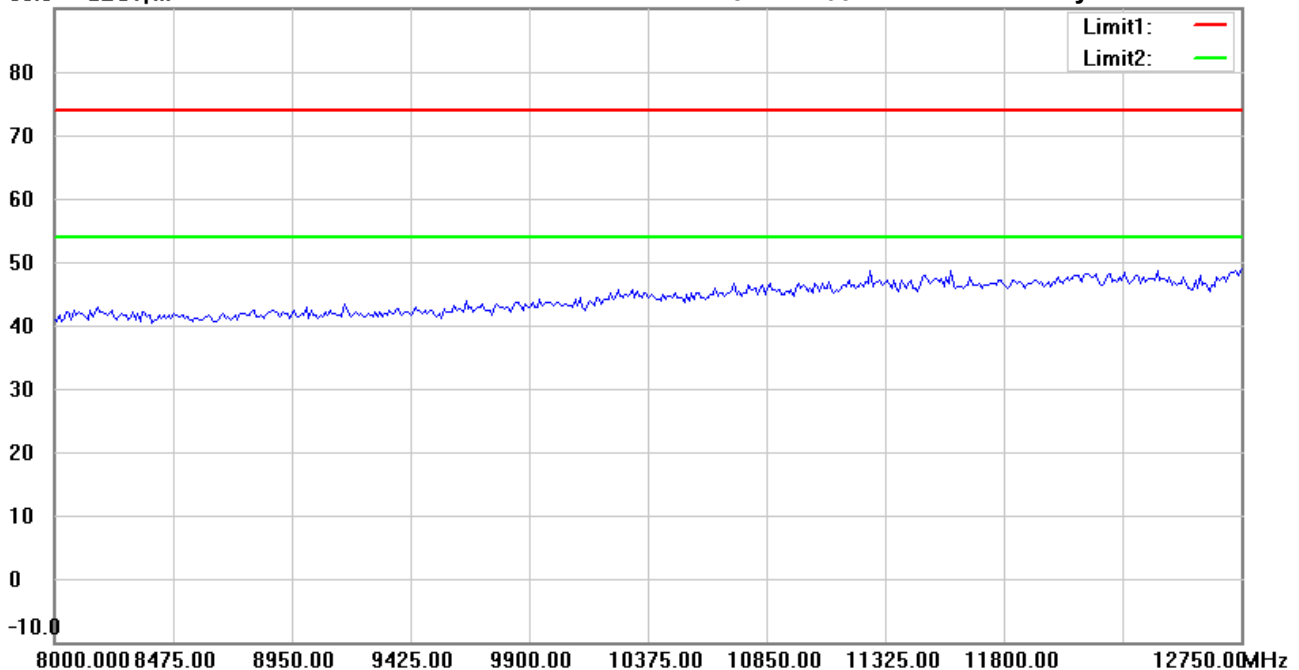
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:42:03 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2410MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

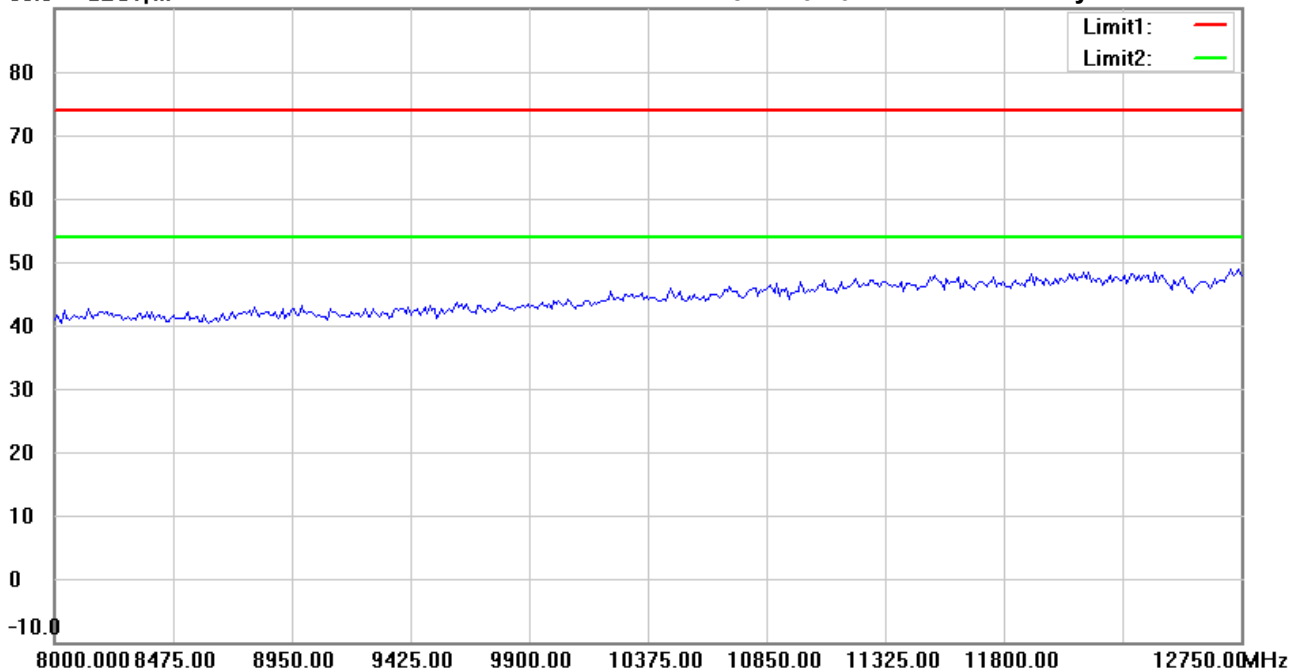
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:43:19 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2410MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

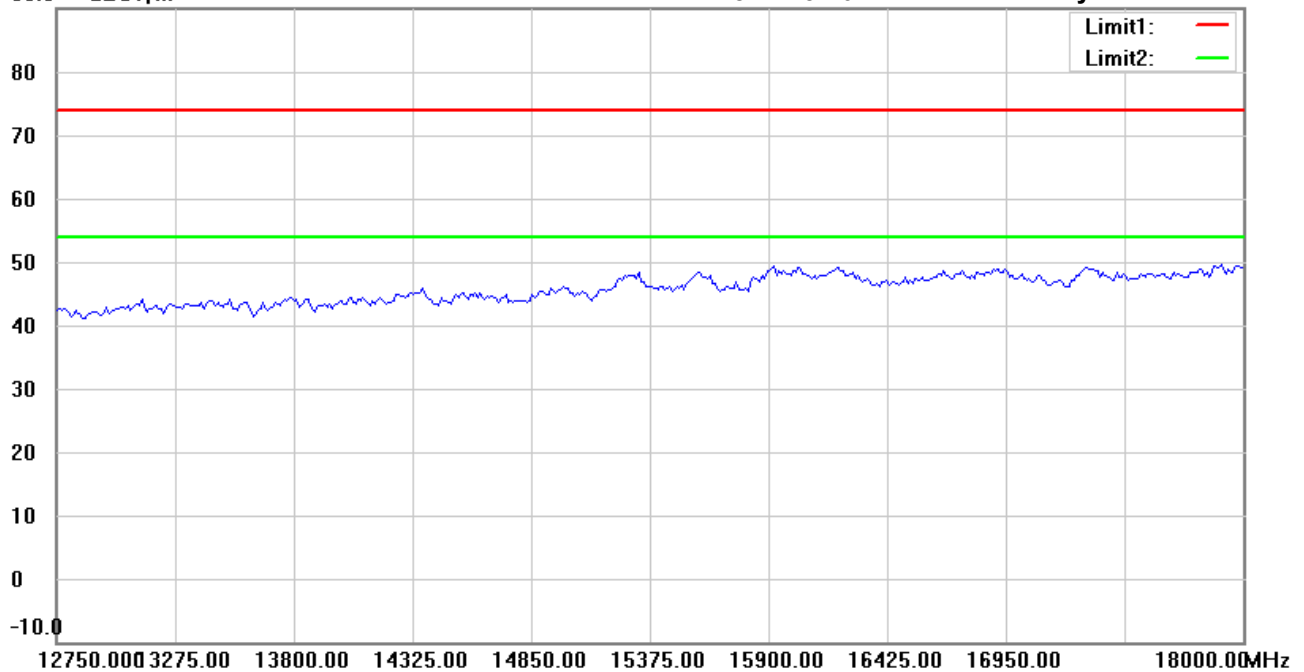
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:45:10 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2410MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

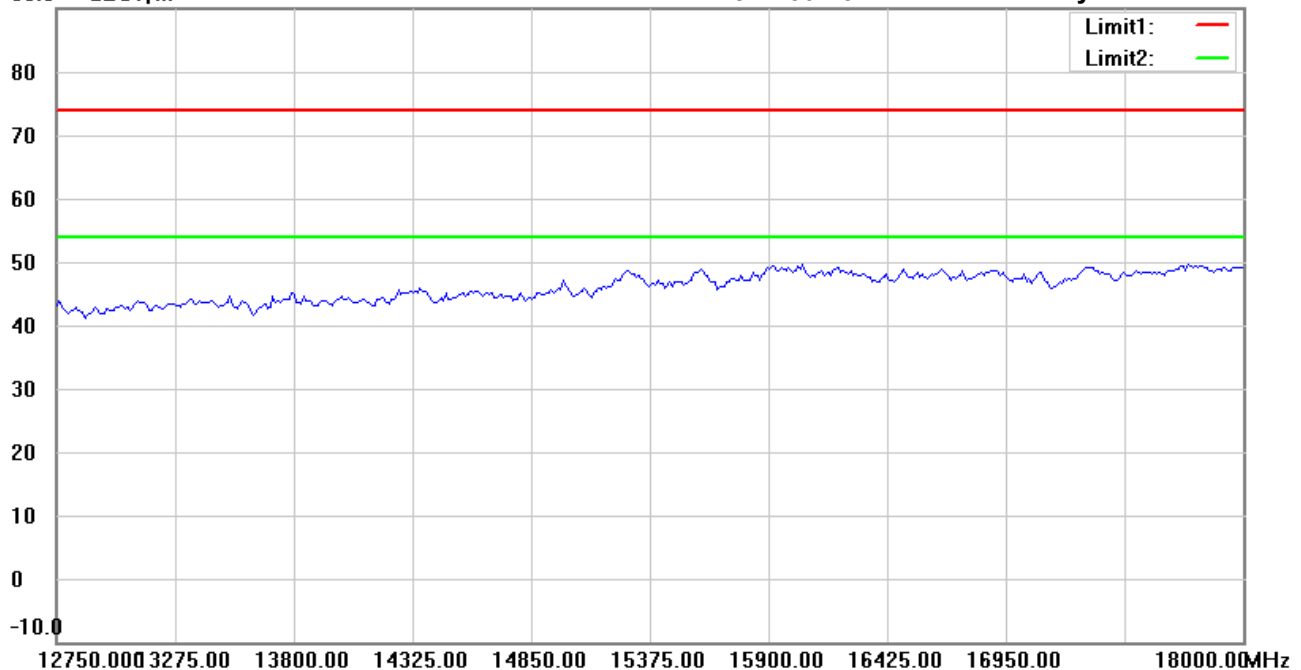
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:50:25 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2410MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

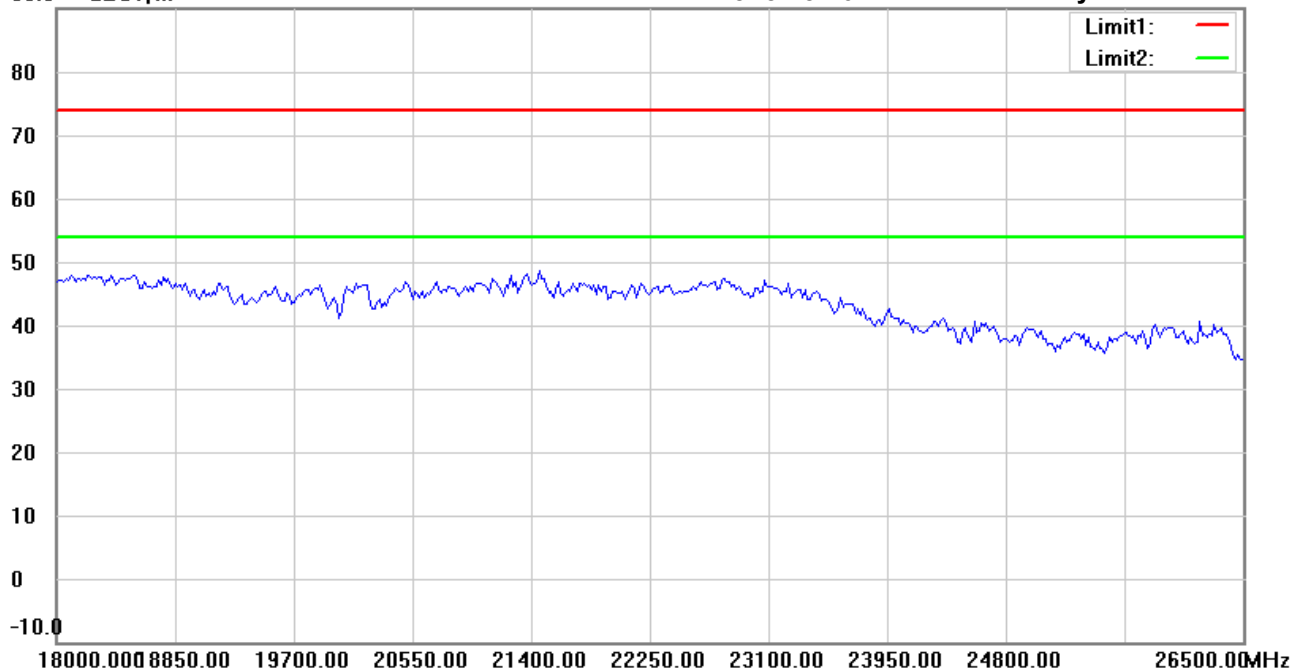
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 8:28:16 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2410MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

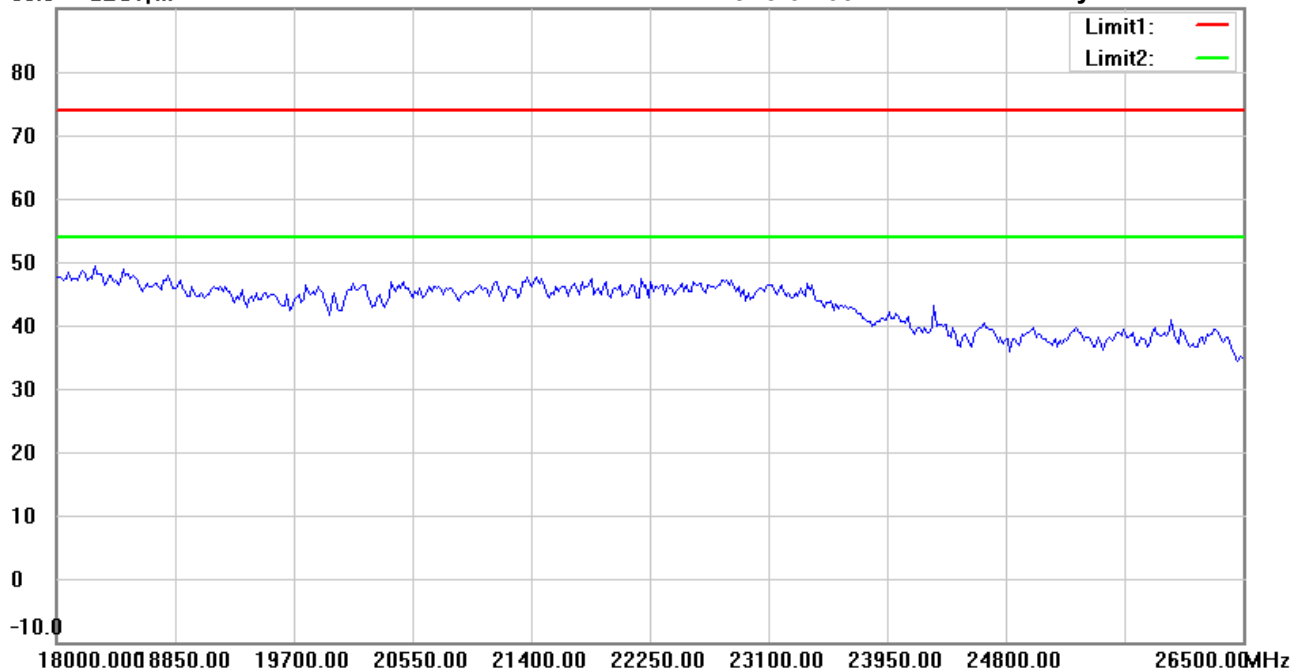
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 8:32:35 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2410MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#1

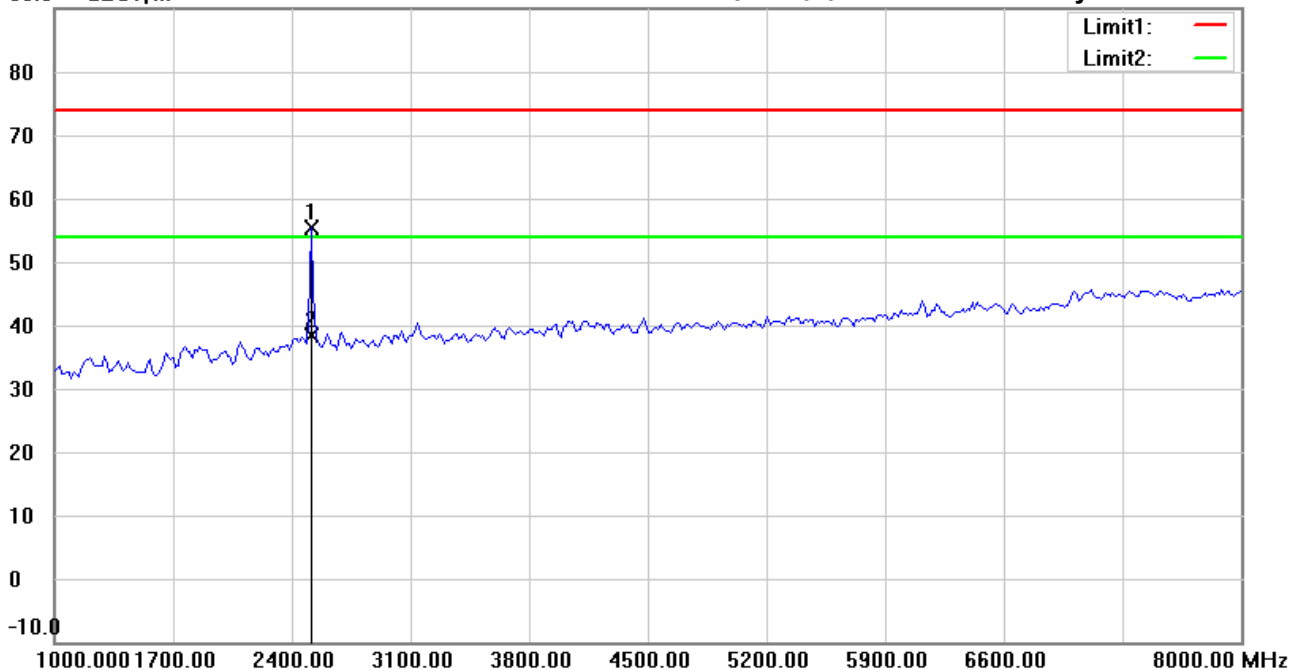
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:19:31 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2445MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2515.030	60.08	peak	-4.67	55.41	74.00	150	35	-18.59	
*	2515.030	43.10	AVG	-4.67	38.43	54.00	150	35	-15.57	

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

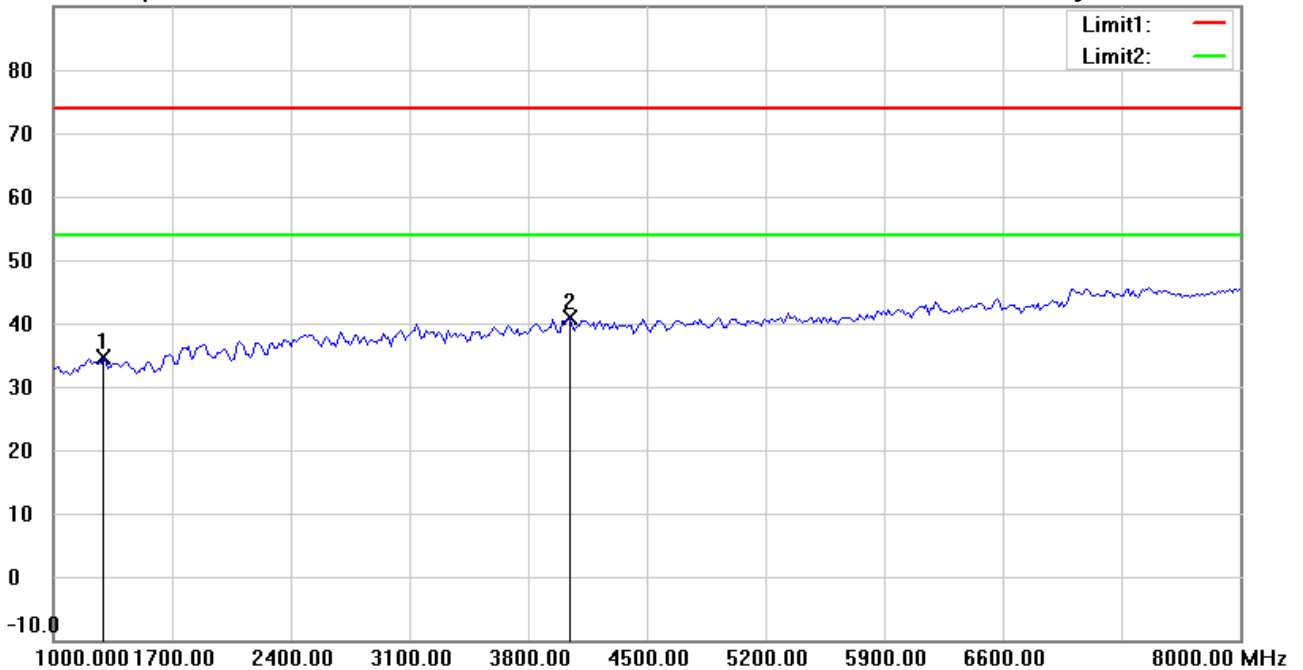
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:20:46 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2445MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1294.589	43.70	peak	-8.95	34.75	74.00	150	60	-39.25	
*	4044.088	43.02	peak	-2.24	40.78	74.00	150	170	-33.22	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

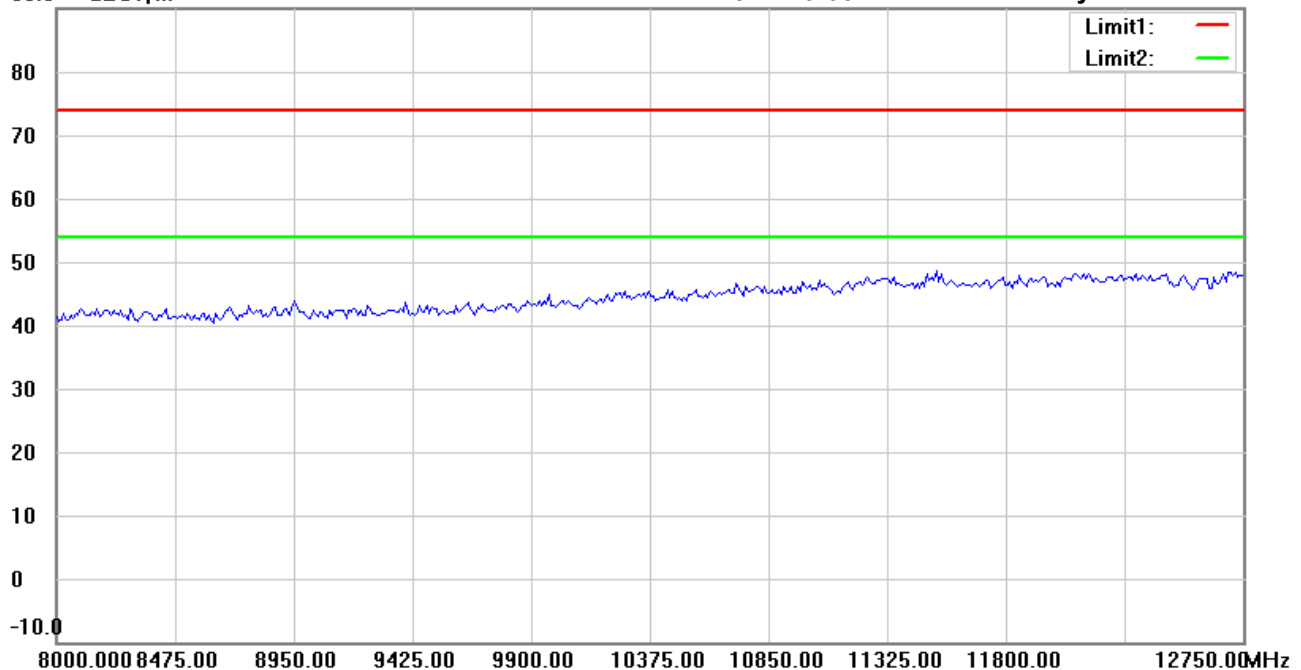
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:23:08 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2445MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

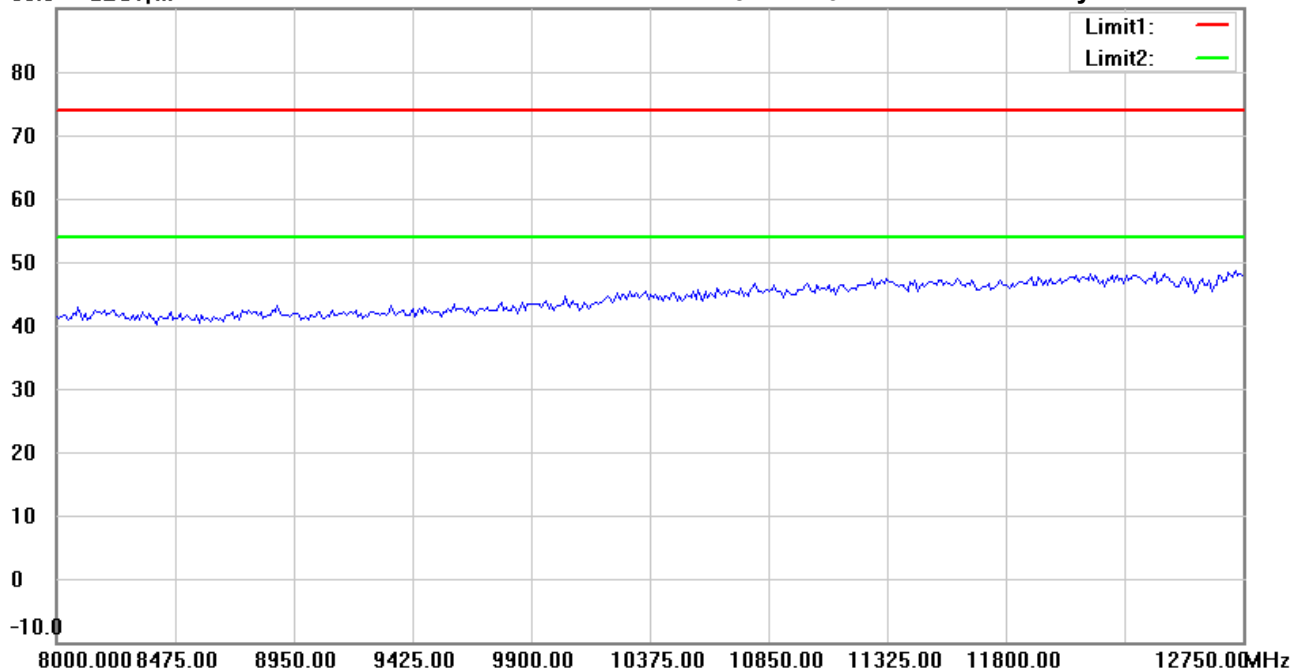
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:24:31 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2445MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

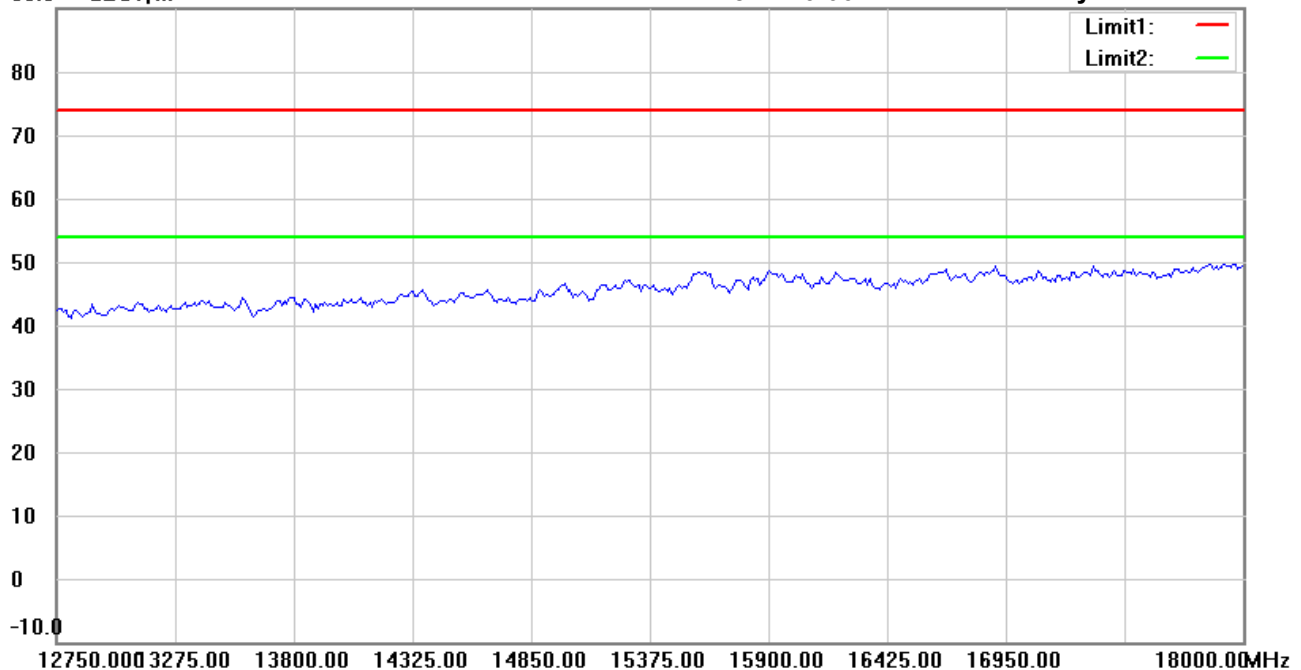
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:26:06 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2445MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

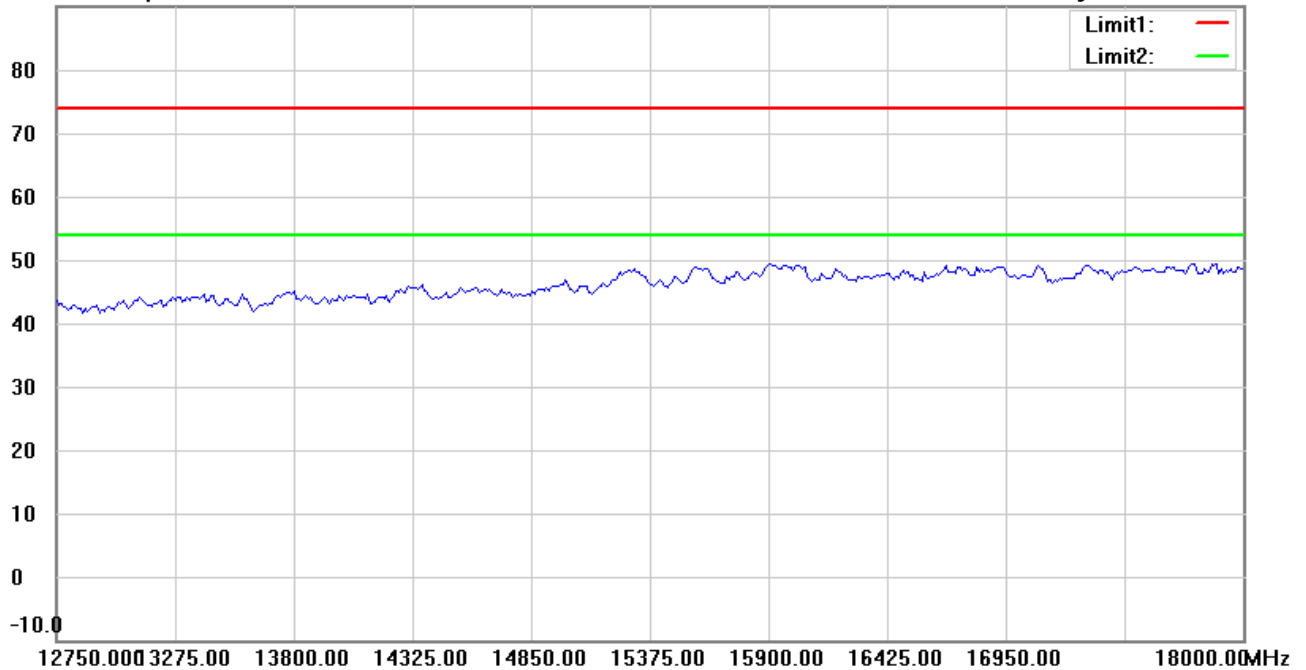
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:37:36 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2445MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

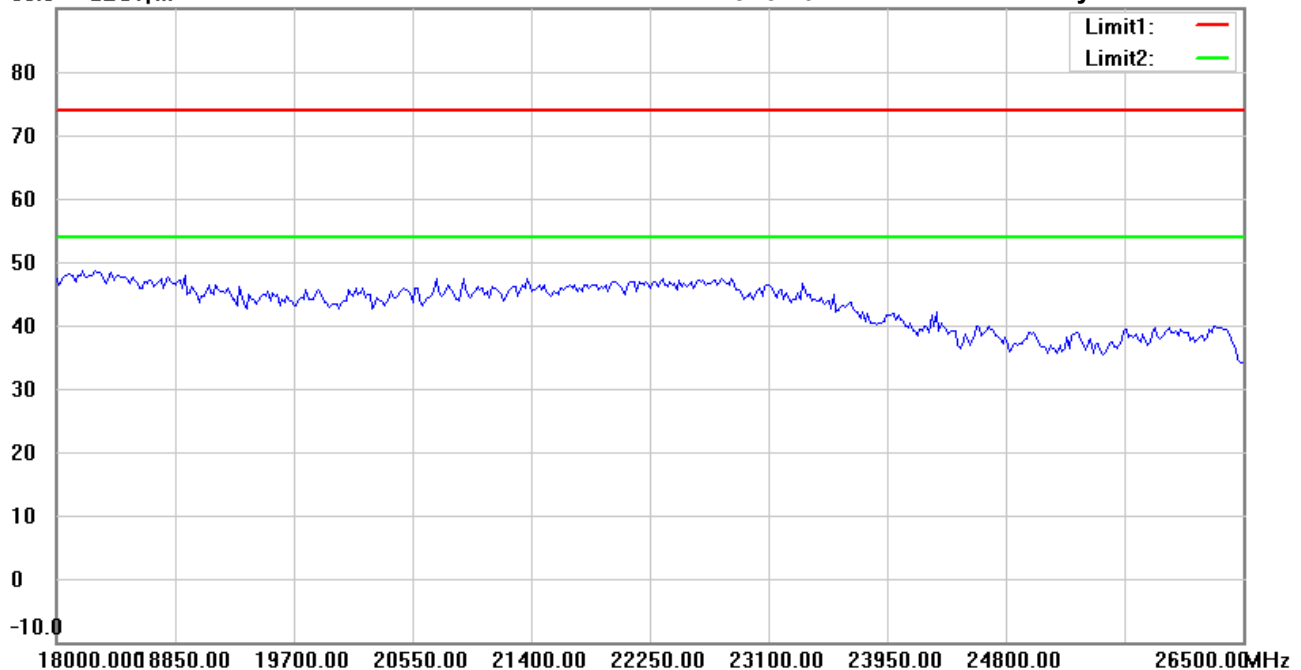
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 8:19:17 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2445MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

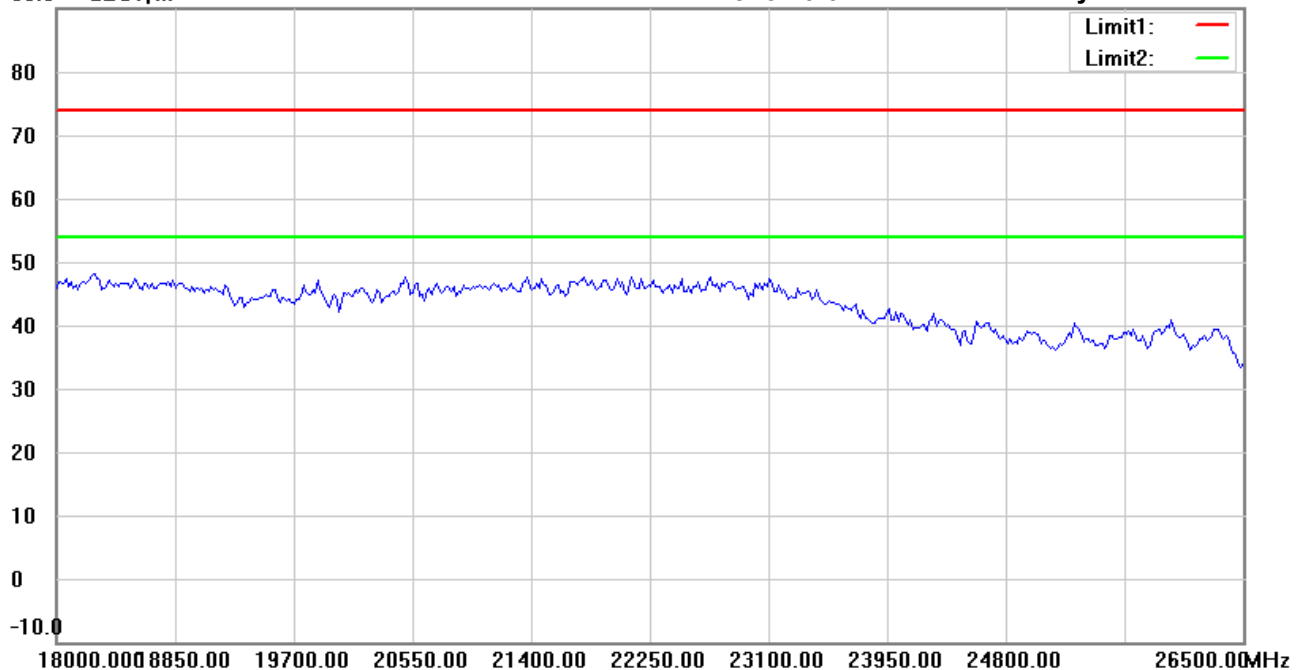
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 8:23:32 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2445MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

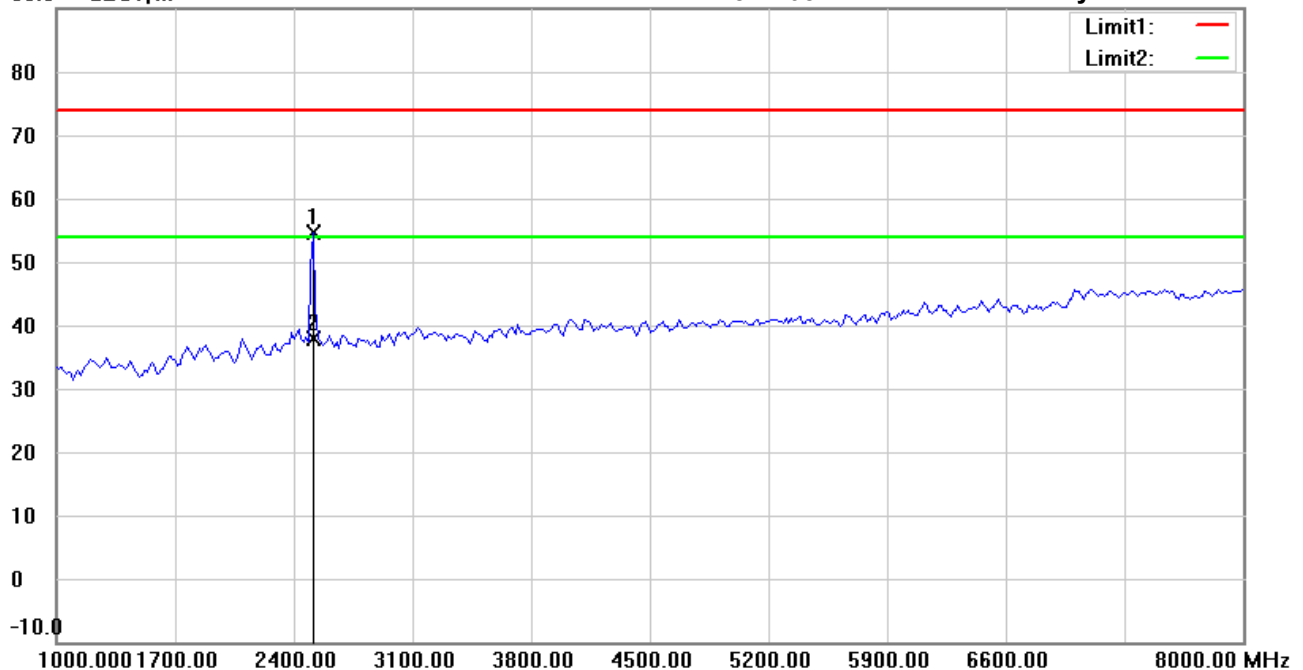
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:08:21 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2475MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2515.030	59.24	peak	-4.67	54.57	74.00	150	173	-19.43	
*	2515.030	42.65	AVG	-4.67	37.98	54.00	150	173	-16.02	

*:Maximum data x:Over limit !:over margin



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

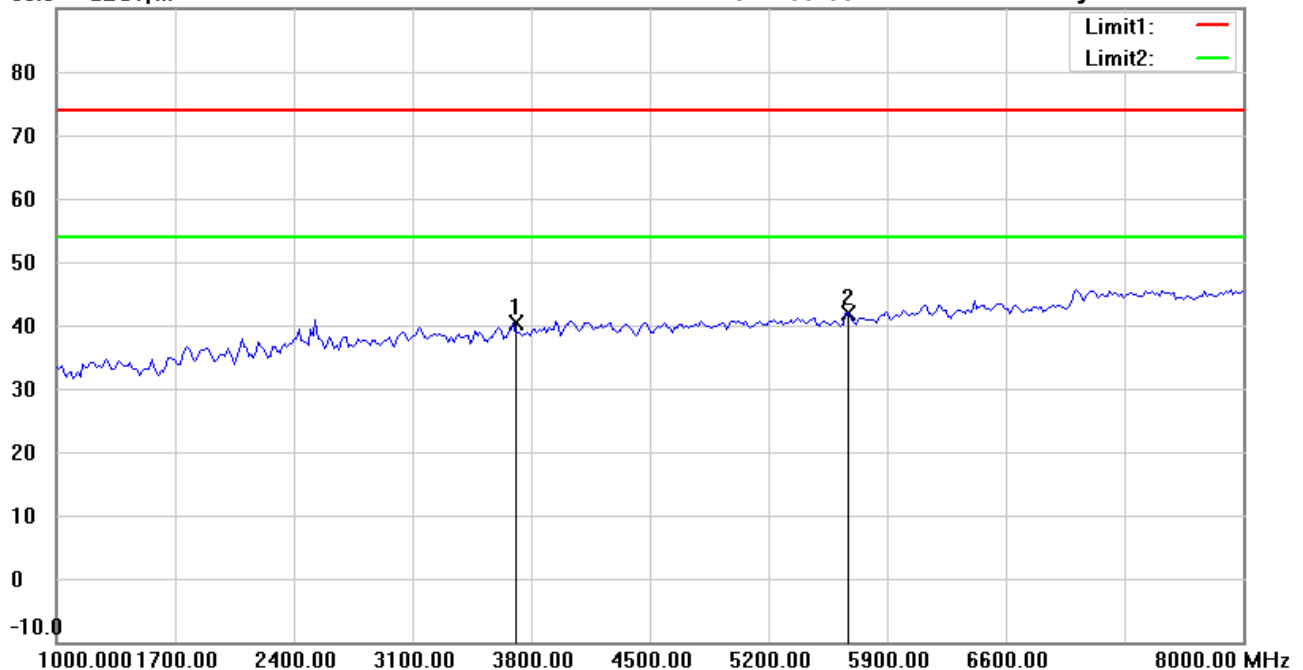
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:09:55 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2475MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3693.387	42.98	peak	-2.58	40.40	74.00	150	270	-33.60	
*	5657.315	41.96	peak	-0.11	41.85	74.00	150	312	-32.15	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

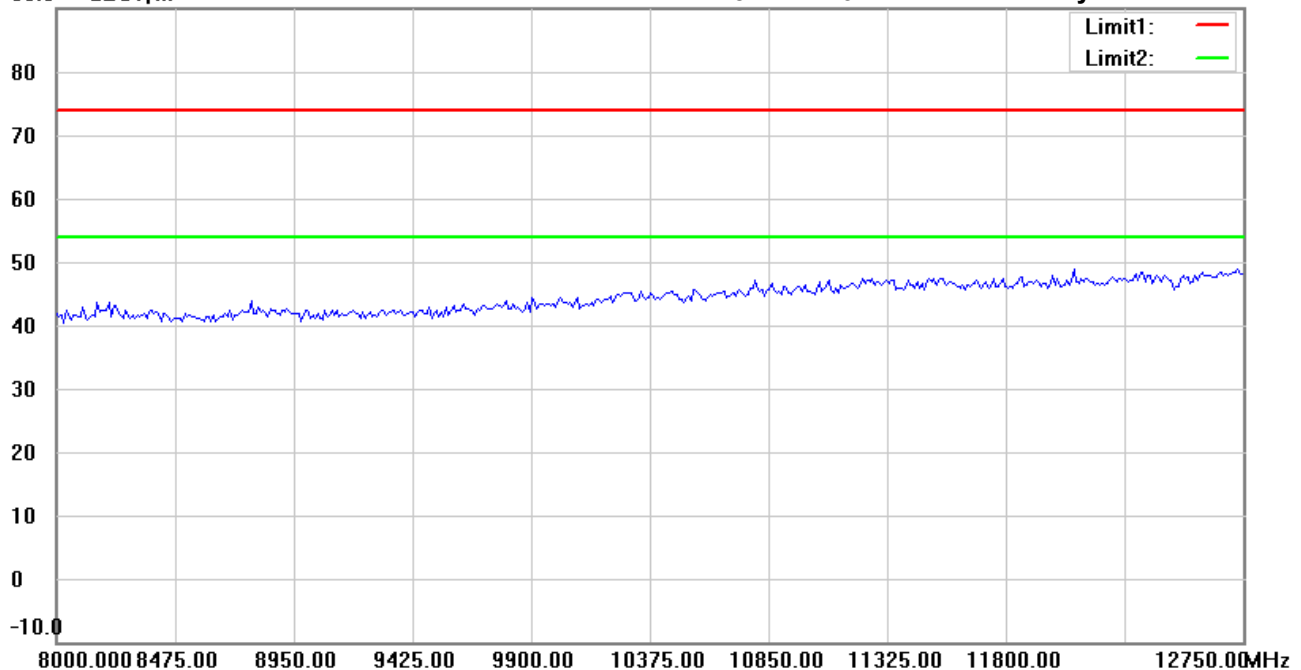
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:11:43 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2475MHz

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

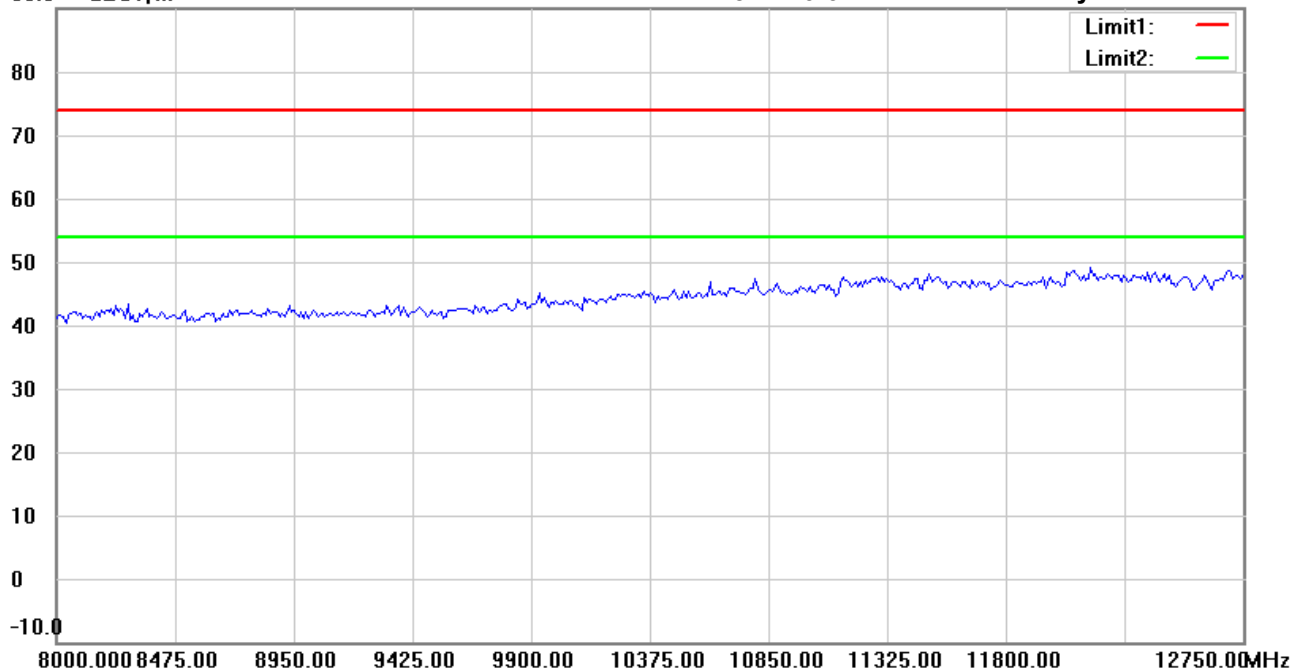
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:13:34 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2475MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

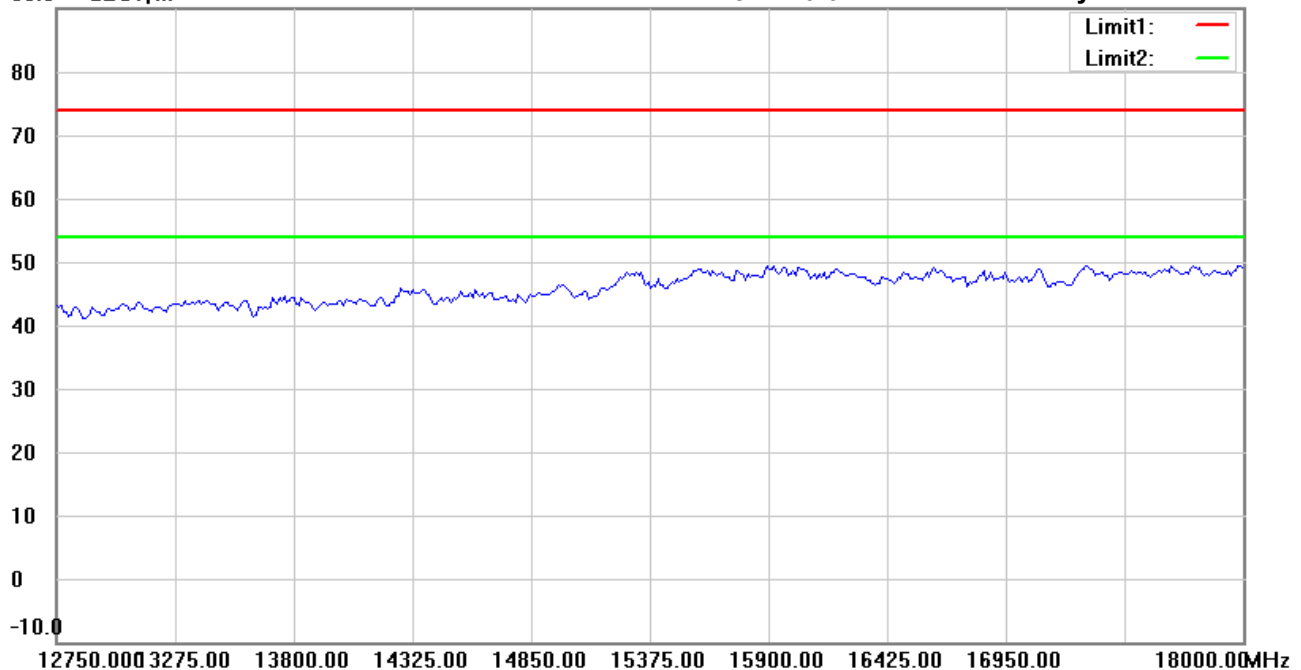
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:16:07 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2475MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

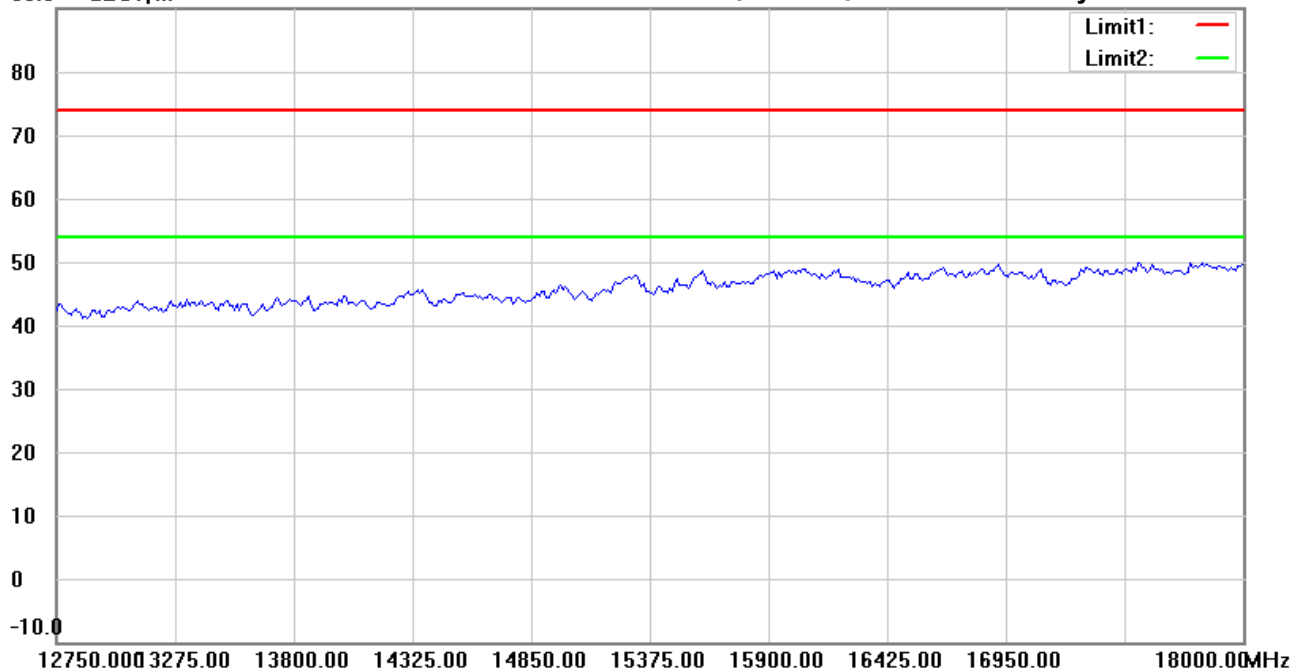
Date: 10/7/2019

Temperature: 27.6 °C

90.0 dBuV/m

Time: 4:17:48 PM

Humidity: 62 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2475MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

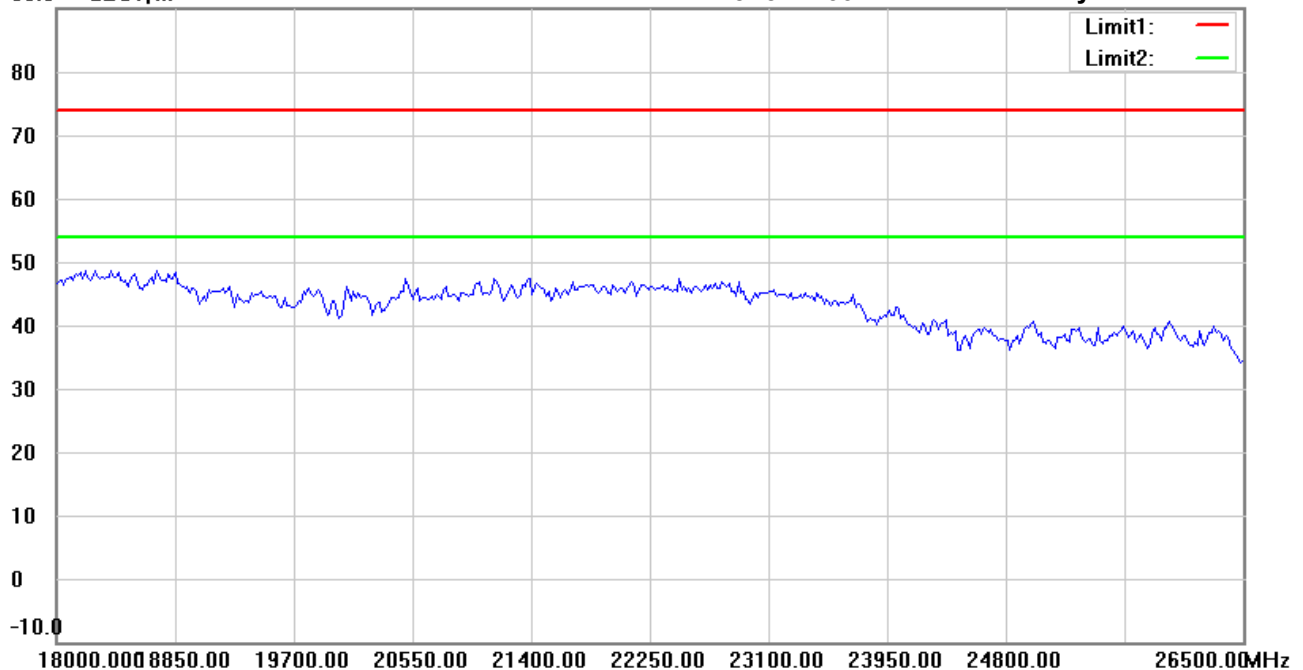
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 8:11:33 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2475MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

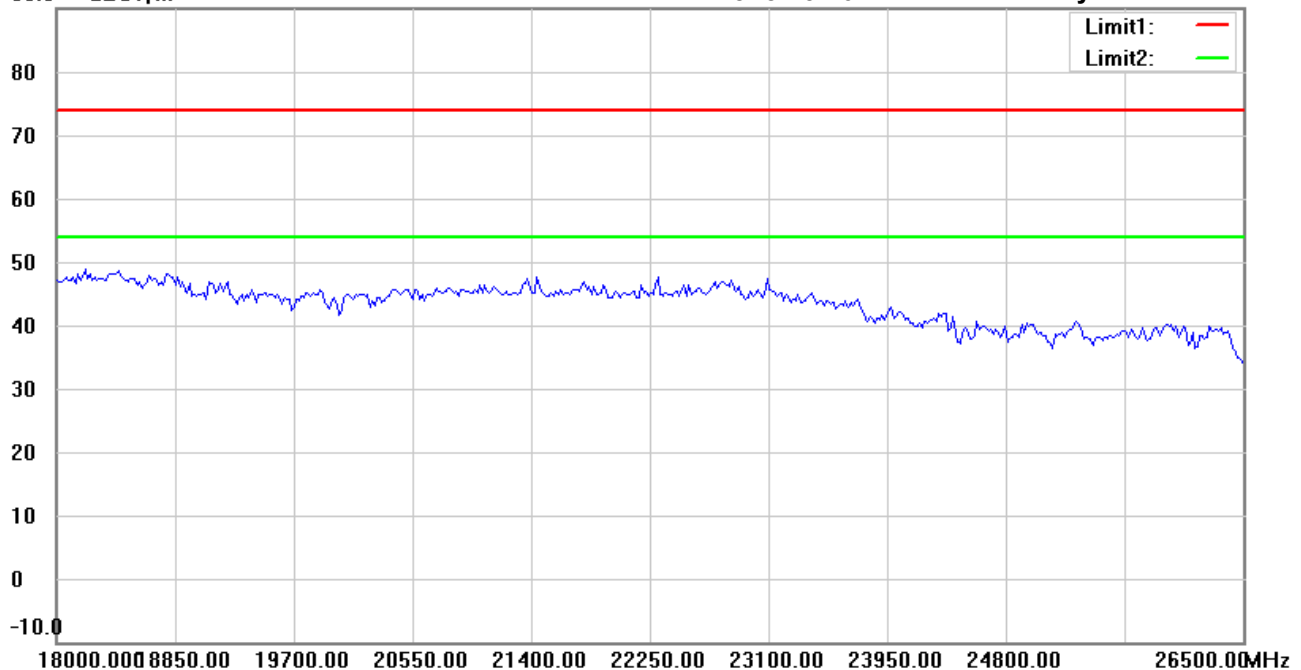
Date: 10/30/2019

Temperature: 22.2 °C

90.0 dBuV/m

Time: 8:15:26 AM

Humidity: 74.6 %



Site : Chamber

Condition : LP0002 3.10節 RE (2.4GHz)

EUT : W6M21907-19248

M/N:

Test Mode : RX 2475MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin