

NCC

低功率射頻電機型式試驗報告

產品名稱: 無線基地台
型號: OmniAccess Stellar
系列型號: OAW-AP1361, OAW-AP1361D, OAW-AP1362
廠牌: Alcatel-Lucent 
Enterprise
申請者: 皇輝科技股份有限公司
申請者地址: 台北市內湖區民權東路六段 11 巷 43 之 1 號 3 樓
測試標準: LP0002 (107 年版)
參考法規: ANSI C63.10-2013
測試結果: 符合
接收日期: 2020.03.10
測試日期: 2020.03.10 ~ 2020.05.22

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修訂紀錄

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CONTENTS

Description	Page
1. 一般資訊	5
2. 產品描述	6
2.1 產品資訊	6
2.2 產品規格	7
2.3 測試模式	7
2.4 測試配置	8
2.5 測試周邊	9
2.6 操作程序	9
3. 測試設備明細	10
4. 量測不確定度	11
5. 測試結果	12
5.1 電源傳導測試	13
5.1.1 量測方法	13
5.1.2 限制要求	13
5.1.3 測試架構圖	13
5.1.4 電源傳導測試結果	14
5.2 峰值傳導輸出功率	16
5.2.1 適用標準	16
5.2.2 量測方法	16
5.2.3 測試架構圖	16
5.2.4 峰值傳導輸出功率測試結果	17
5.3 天線之要求	18
5.3.1 限制要求	18
5.3.2 天線樣式	18
5.4 帶外發射限制	21
5.4.1 量測方法	21
5.4.2 限制要求	21
5.4.3 測試架構圖	21
5.4.4 帶外輻射測試結果	22
5.5 輻射電場強度	27
5.5.1 量測方法	27
5.5.2 限制要求	27
5.5.3 測試架構圖	28
5.5.4 輻射電場強度測試結果	29
5.6 頻帶邊緣	65

5.6.1 量測方法	65
5.6.2 限制要求	65
5.6.3 測試架構圖	66
5.6.4 頻帶邊緣測試結果	67
5.7. 占用頻寬	115
5.7.1 量測方法	115
5.7.2 限制要求	115
5.7.3 測試架構圖	115
5.7.4 占用頻寬測試結果	116
5.8. 功率頻譜密度	118
5.8.1 量測方法	118
5.8.2 限制要求	118
5.8.3 測試架構圖	118
5.8.4 功率頻譜密度測試結果	119
附錄 A - 測試照	122
附錄 B - 外觀照	123
附錄 C - 內部照	124

1. 一般資訊

申請者	皇輝科技股份有限公司
申請者地址	台北市內湖區民權東路六段 11 巷 43 之 1 號 3 樓
製造商	ALE International
製造商地址	26801 WEST AGOURA ROAD, CALABASAS, CA 91301, USA
實驗室	台灣曼瑞檢測科技有限公司
實驗室地址	33377 台灣桃園市龜山區復興二路 38 號
實驗室資訊	1. MRT facility is a FCC registered (Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Firm. 2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada. 3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC, Industry Taiwan, EU and TELEC Rules.
實驗室測試環境條件	溫度 (°C) : 20-35 / 濕度 (%RH) : 30-65

2. 產品描述

2.1 產品資訊

產品名稱	無線基地台
產品型號	OAW-AP1361, OAW-AP1361D, OAW-AP1362
待測物額定電壓	PoE input
無線規格	802.11a/b/g/n/ac/ax, Bluetooth v5.1 single mode
頻率範圍	2400MHz ~ 2483.5MHz
通道數量	40
調變模式	GFSK
傳輸速率	1MHz & 2MHz
頻道控制	Auto

Note:

不同機型的區別在於使用不同的 Wi-Fi 天線和外觀(OAW-AP1361& OAW-AP1361D 為內建式天線,其搭配的天線為不同款,天線增益也不相同, OAW-AP1362 為外接式天線)其他硬體都是一樣的,故僅針對產品型號 OAW-AP1361D 評估射頻傳導測試,並分別針對 OAW-AP1361, OAW-AP1361D, OAW-AP1362 的輻射部份執行評估。

2.2 產品規格

Channel	Frequency	Channel	Frequency	Channel	Frequency
00	2402 MHz	01	2404 MHz	02	2406 MHz
03	2408 MHz	04	2410 MHz	05	2412 MHz
06	2414 MHz	07	2416 MHz	08	2418 MHz
09	2420 MHz	10	2422 MHz	11	2424 MHz
12	2426 MHz	13	2428 MHz	14	2430 MHz
15	2432 MHz	16	2434 MHz	17	2436 MHz
18	2438 MHz	19	2440 MHz	20	2442 MHz
21	2444 MHz	22	2446 MHz	23	2448 MHz
24	2450 MHz	25	2452 MHz	26	2454 MHz
27	2456 MHz	28	2458 MHz	29	2460 MHz
30	2462 MHz	31	2464 MHz	32	2466 MHz
33	2468 MHz	34	2470 MHz	35	2472 MHz
36	2474 MHz	37	2476 MHz	38	2478 MHz
39	2480 MHz	--	--	--	--

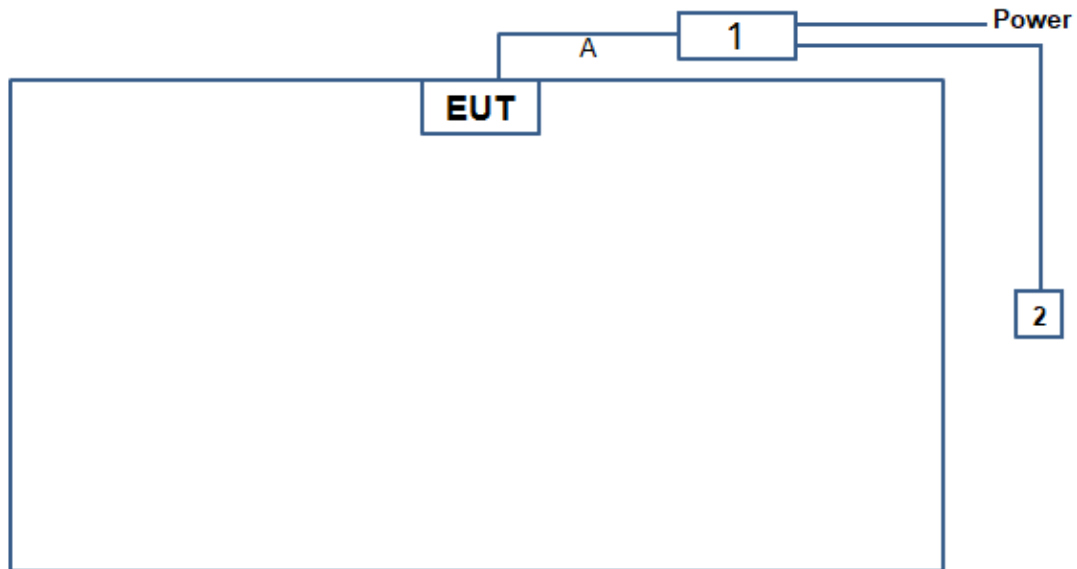
2.3 測試模式

Test Mode	Mode 1: 發射器- BT5.1 - 1Mbps
	Mode 2: 發射器- BT5.1 - 2Mbps

Note: 為了評估較嚴謹的數據,故使用大於 10m 的網路線來測試.

2.4 測試配置

Connection Diagram (1 ~ 10)



Signal Cable Type		Signal Cable Description
A	Fiber Cable	Non-Shielding, >10m
B	LAN Cable	Non-Shielding, >10m
C	LAN Cable	Non-Shielding, >10m
D	LAN Cable	Non-Shielding, 1.5m
E	LAN Cable	Non-Shielding, 1.5m
F	LAN Cable	Non-Shielding, 1.5m
G	Power Cable	Non-Shielding, 1.5m

2.5 測試周邊

Item	周邊	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	Lenovo	E430c	MP-4CFX213/10	Non-Shielded, 1.8m
2	Notebook	ASUS	PRO45V	N/A	Non-Shielded, 1.8m
3	iPhone	Apple	ML7E2CH/A	C6KR9BR2GRY	N/A
4	Mobile Phone	OPPO	X9009	N/A	N/A
5	OmniAccess Stellar	ALE USA INC.	OAW-AP1361	N/A	N/A
6	Notebook	Lenovo	E431	PF-10ZRN 13/12	Non-Shielded, 1.8m
7	PoE Adapter	Microsemi	PD-9501GC/AC	N/A	Non-Shielded, 1.8m
8	Notebook	Lenovo	E460	N/A	Non-Shielded, 1.8m
9	OmniAccess Stellar	ALE USA INC.	OAW-AP1321	N/A	N/A
10	Notebook	Lenovo	X201	N/A	Non-Shielded, 1.8m

2.6 操作程序

1.	Turn on the power of all equipment.
2.	Execute "CMD" program.
3.	Configure the test channel and the data rate.
4.	Start test.

3. 測試設備明細

Conducted Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Two-Line V-Network	R&S	ENV216	MRTTWA00019	1 year	2021/03/25
Two-Line V-Network	R&S	ENV216	MRTTWA00020	1 year	2020/04/25
8-Wire ISN (T8)	R&S	ENY81	MRTTWA00018	1 year	2020/04/23
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2021/03/25

Radiated Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	MRTTWA00002	1 year	2021/04/29
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00001	1 year	2020/05/22
Broadband Hornantenna	SCHWARZBECK	BBHA 9120D	MRTTWA00003	1 year	2021/04/22
Breitband Hornantenna	SCHWARZBECK	BBHA 9170	MRTTWA00004	1 year	2021/04/23
Broadband Preamplifier	SCHWARZBECK	BBV 9718	MRTTWA00005	1 year	2021/04/24
Broadband Amplifier	SCHWARZBECK	BBV 9721	MRTTWA00006	1 year	2021/04/24
Signal Analyzer	R&S	FSV40	MRTTWA00007	1 year	2021/03/26
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2021/03/25
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2020/07/29
Antenna Cable	HUBERSUHNER	SF106	MRTTWE00010	1 year	2020/06/17

Conducted Test Equipment

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
X-Series USB Peak and Average Power Sensor	KEYSIGHT	U2021XA	MRTTWA00014	1 year	2021/04/22
Wideband Radio Communication Taster	R&S	CMW 500	MRTTWA00041	1 year	2021/01/28
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2020/07/29
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTSUE06457	1 year	2020/07/18
Signal Analyzer	R&S	FSV40	MRTTWA00007	1 year	2021/03/26

Software	Version	Function
e3	9.160520a	EMI Test Software
EMI	V 3	EMI Test Software

4. 量測不確定度

電源傳導量測-電源線 (Conducted Emission- Power Line)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 2.53dB
電源傳導量測-通訊埠 (Conducted Emission- Impedance Stabilization Network Measurement)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 3.96dB
輻射干擾量測 (Radiated Spurious Emission)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 3.92dB (Below 30M)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 4.25dB (30M~1G)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 4.40dB (1G~18G)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 4.45dB (18G~40G)
頻率誤差量測 (Frequency Error)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): $\pm 78.4\text{Hz}$
傳導功率量測 (Conducted Power)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): $\pm 0.84\text{dB}$
傳導干擾量測 (Conducted Spurious Emission)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): $\pm 2.65\text{ dB}$
佔用頻寬量測 (Occupied Bandwidth)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 3.3%
溫度 / 濕度 (Temp. / Humidity)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): $\pm 0.82^\circ\text{C}/ \pm 3\%$
直流電源 (DC Voltage)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): $\pm 0.3\%$

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

5. 測試結果

產品名稱 無線基地台
型號 OAW-AP1361, OAW-AP1361D, OAW-AP1362

法規章節	量測項目	限制值	測試結果	測試數據
2.3	電源傳導	低功率射頻電機技術規範 2.3 節	符合	第 5.1 章節
3.10.1.2	峰值傳導輸出功率	$\leq 30.00\text{dBm}$	符合	第 5.2 章節
3.10.1.3	天線之要求	低功率射頻電機技術規範 3.10.1.3 節	符合	第 5.3 章節
3.10.1.5	帶外發射限制	$\leq 30\text{dBc(Average)}$	參考原始報告	第 5.4 章節
2.8	輻射電場強度	低功率射頻電機技術規範 2.8 節	符合	第 5.5 章節
2.7	頻帶邊緣	$\leq 74\text{dBuV/m(Peak)}$ $\leq 54\text{dBuV/m(Average)}$	參考原始報告	第 5.6 章節
3.10.1.6(2)(A)	占用頻寬	$\geq 500\text{KHz}$	參考原始報告	第 5.7 章節
3.10.1.6(2)(B)	功率頻譜密度	$\leq 8\text{dBm}$	參考原始報告	第 5.8 章節

備註：符合性的判定是基於測試結果符合規範的限制值或客戶的宣告要求，測試結果的判定是不考慮測量不確定度的值。

5.1 電源傳導測試

5.1.1 量測方法

待測物放置於1m*2m*0.8m之非導體桌面並離垂直牆面40cm(落地型產品置於地上)，將待測物之電源線接至電源阻抗網路器(LISN)，同時保持待測物至LISN距80公分，並將電源線多餘部份以30至40公分之八字形捆綁於電源線中央並離地40cm，於在正常工作狀態下，執行待測物之火線(Line)及地線(neutral)各一次量測。

電源端點場強之測量範圍由 0.15MHz –30MHz，所量測之讀值皆為準尖峰值(Quasi-Peak Value)及平均值(Average Value)。場強接收機之解析頻寬為9kHz。

備註：經初測驗證過，電源端點干擾測試對測試頻道數並無差異，因此檢附其中一個測試頻道之測試數。

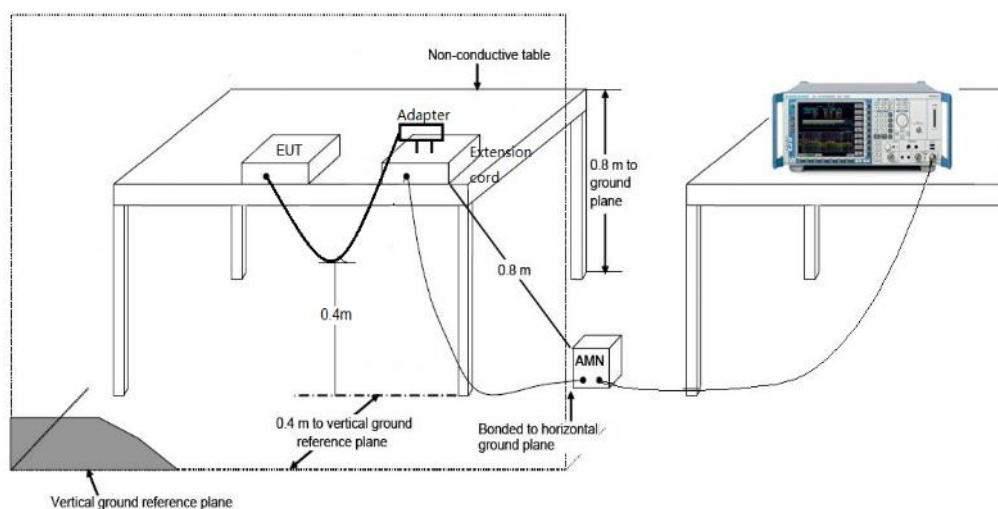
5.1.2 限制要求

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150kHz至30MHz之射頻電壓(在電源端子每一電源線對接地點)應小於或等於下表所列之限值。測量時應經過50微亨利(μH)及50歐姆(Ω)之電源線阻抗模擬網路(LISN)。頻率重疊處，以較低限值为準。

Frequency 頻率範圍 MHz	傳導限制值(dBuV)	
	準尖峰值	平均值
0.15 - 0.50	66-56 _(註)	56-46 _(註)
0.50 - 5.0	56	46
5.0 - 30	60	50

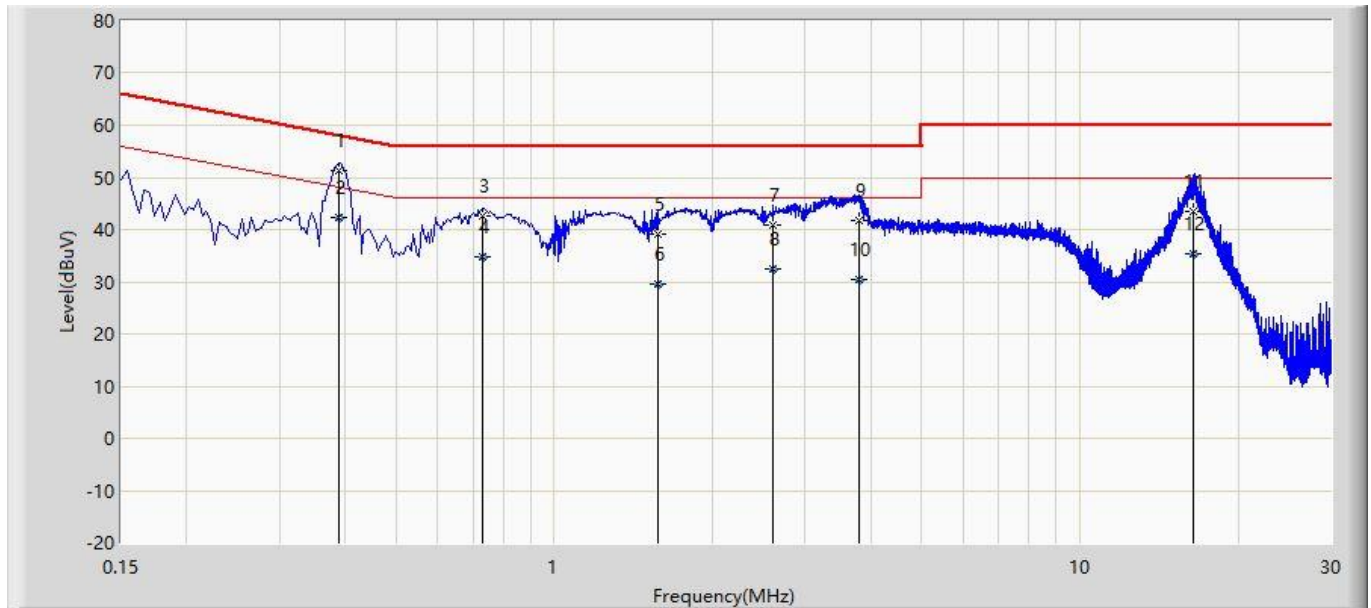
註:隨頻率之對數遞減

5.1.3 測試架構圖



5.1.4 電源傳導測試結果

Site: SR2	Time: 2020/03/30 - 13:45
Limit: NCC LP0002_CE_0.15MHz-30MHz	Engineer: Peter Syu
Probe: ENV216_Filter On	Polarity: Line
EUT: 無線基地台	Power: By PoE
Test Mode 1	

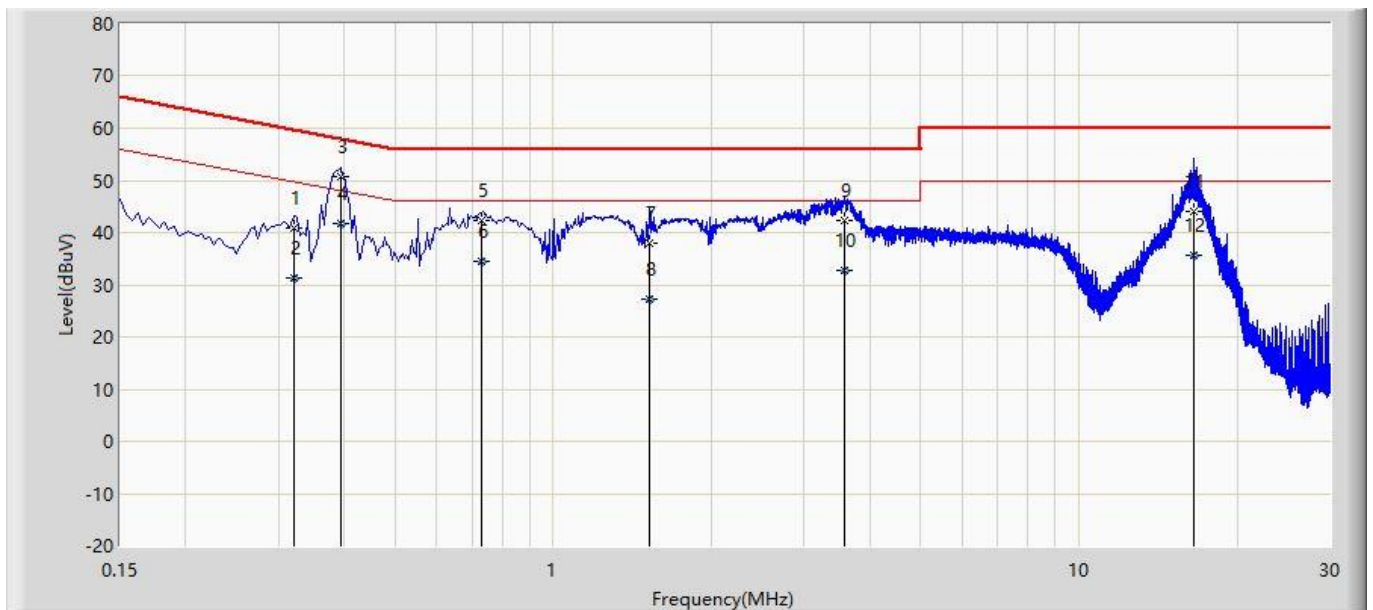


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.390	51.238	41.144	-6.826	58.064	10.094	QP
2		*	0.390	42.254	32.160	-5.810	48.064	10.094	AV
3			0.730	42.606	32.532	-13.394	56.000	10.074	QP
4			0.730	34.812	24.738	-11.188	46.000	10.074	AV
5			1.574	38.993	29.051	-17.007	56.000	9.942	QP
6			1.574	29.702	19.760	-16.298	46.000	9.942	AV
7			2.606	40.909	30.995	-15.091	56.000	9.914	QP
8			2.606	32.387	22.473	-13.613	46.000	9.914	AV
9			3.790	41.796	31.913	-14.204	56.000	9.883	QP
10			3.790	30.519	20.636	-15.481	46.000	9.883	AV
11			16.398	43.371	33.324	-16.629	60.000	10.047	QP
12			16.398	35.259	25.212	-14.741	50.000	10.047	AV

Note: Measure Level (dBuV) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: SR2	Time: 2020/03/30 - 13:59
Limit: NCC LP0002_CE_0.15MHz-30MHz	Engineer: Peter Syu
Probe: ENV216_Filter On	Polarity: Neutral
EUT: 無線基地台	Power: By PoE
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.322	40.836	30.786	-18.819	59.655	10.050	QP
2			0.322	31.248	21.197	-18.407	49.655	10.050	AV
3			0.394	50.657	40.537	-7.322	57.979	10.120	QP
4		*	0.394	41.660	31.541	-6.319	47.979	10.120	AV
5			0.730	42.215	32.120	-13.785	56.000	10.095	QP
6			0.730	34.529	24.434	-11.471	46.000	10.095	AV
7			1.522	37.889	27.934	-18.111	56.000	9.955	QP
8			1.522	27.160	17.205	-18.840	46.000	9.955	AV
9			3.590	42.423	32.511	-13.577	56.000	9.912	QP
10			3.590	32.714	22.802	-13.286	46.000	9.912	AV
11			16.562	44.161	34.088	-15.839	60.000	10.073	QP
12			16.562	35.610	25.537	-14.390	50.000	10.073	AV

Note: Measure Level (dBuV) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

5.2 峰值傳導輸出功率

5.2.1 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之第 3.10.1.2(1)(C)節，操作於 2400-2483.5 MHz 之數位調變的發射器材：1 瓦(W)(含)以下。

依據國家通訊傳播委員會低功率射頻電機技術規範之第 3.10.1.3 節，天線增益限制如下：

(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) 除第 (A) 節外，如其發射天線之方向性增益超過 6dBi，應依所超過之 dB 數等量降低最大傳導輸出功率。

(C) 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。

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)。

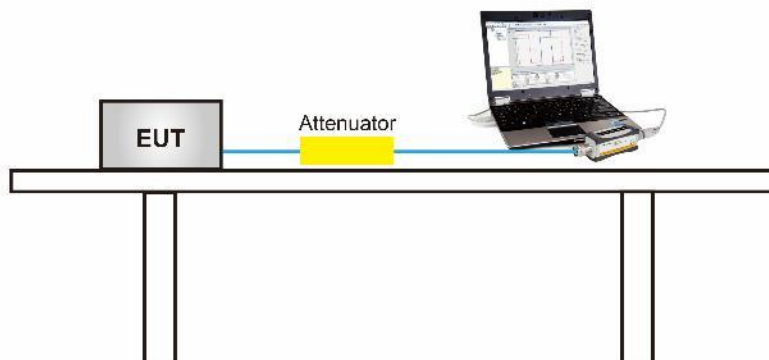
(c) 發射機之天線具備單向波束功能者，應符合(1)(A)及(3)後段之規定。

5.2.2 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端，設定頻譜分析儀之解析度頻寬大於 6dB 發射頻寬或使用峰值功率表。

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端，設定頻譜分析儀之解析度頻寬大於 6dB 發射頻寬或使用峰值功率表。除使用上述測量方式外,並得使用以最大傳導輸出功率作為測量方式。

5.2.3 測試架構圖



5.2.4 峰值傳導輸出功率測試結果

Product	無線基地台	Temperature	25°C
Test Engineer	Peter Syu	Relative Humidity	54%
Test Site	SR1	Test Date	2020/03/20
Mode No.	OAW-AP1361D		

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	Average Power (dBm)	Limit (dBm)
BT5.1	1	00	2402	19.23	< 30
		19	2440	18.70	< 30
		39	2480	19.45	< 30
	2	00	2402	19.23	< 30
		19	2440	18.71	< 30
		39	2480	13.16	< 30

備 註：此量測值已含線材損耗(Cable Loss = 1dB)。

5.3 天線之要求

5.3.1 限制要求

依據國家通訊傳播委員會低功率射頻電機技術規範之第3.10.1.4節規定，天線之規格可不受下述規定之限制。

低功率射頻電機之發射機或收發信機所使用之天線，應為全固定、半固定式或以獨特之耦合(unique coupling)方式連接機體。製造者可設計供使用者因損壞而替換之天線，但不得設計或使用原認證以外之天線或可供引接各類電纜之標準天線插座或電氣連接頭，如：BNC、F type、N type、M type、UG type、RCA、SMA、SMB...等及其他各類工業或通訊標準接頭。

5.3.2 天線樣式

Model No.: OAW-AP1361(Antenna : MFR: N/A, M/N: N/A)

Antenna Type	Frequency Band (GHz)	T _x Paths	Bandwidth (MHz)	Max Peak Gain (dBi)				Directional Gain (dBi)	
				Ant 0	Ant 1	Ant 2	Ant 3	CDD	Beamforming
Wi-Fi Internal Antenna List (2.4GHz 2*2 MIMO, 5GHz 4*4 MIMO)									
Omni Antenna	2400 ~ 2483.5	2	20, 40	4.72	4.85	--	--	4.85	7.86
	5150 ~ 5850	4	20, 40, 80	6.48	6.31	6.26	6.12	6.48	12.50
	5150 ~ 5250 30° elevation angle	4	20, 40, 80	-5.46	-4.22	-2.90	-3.84	--	
Bluetooth Internal Antenna									
Antenna Type		Frequency Band (GHz)				Max Peak Gain (dBi)			
Omni Antenna		2400 ~ 2483.5				4.64			
Scan Antenna									
Antenna Type		Frequency Band (GHz)				Max Peak Gain (dBi)			
Omni Antenna		2400 ~ 2483.5				4.58			
		5150 ~ 5850				6.00			
		5150 ~ 5250 30° elevation angle				-5.83			

Model No.: OAW-AP1361D(Antenna : MFR: N/A , M/N: N/A)

Antenna Type	Frequency Band (GHz)	Tx Paths	Bandwidth (MHz)	Max Peak Gain (dBi)				Directional Gain (dBi)	
				Ant 0	Ant 1	Ant 2	Ant 3	CDD	Beamforming
Wi-Fi Internal Antenna List (2.4GHz 2*2 MIMO, 5GHz 4*4 MIMO)									
Directional Antenna	2400 ~ 2483.5	2	20, 40	7.5	7.0	--	--	7.5	10.51
	5150 ~ 5850	4	20, 40, 80	7.4	7.0	6.9	7.2	7.4	13.42
	5150 ~ 5250 30° elevation angle	4	20, 40, 80	3.12	2.98	3.24	3.65	--	
Bluetooth Internal Antenna									
Antenna Type		Frequency Band (GHz)				Max Peak Gain (dBi)			
Omni Antenna		2400 ~ 2483.5				3.30			
Scan Antenna									
Antenna Type		Frequency Band (GHz)				Max Peak Gain (dBi)			
Omni Antenna		2400 ~ 2483.5				7.20			
		5150 ~ 5850				9.40			
		5150 ~ 5250 30° elevation angle				2.88			

Model No.: OAW-AP1362(Antenna : MFR: N/A , M/N: N/A)

Antenna Type	Frequency Band (GHz)	Tx Paths	Bandwidth (MHz)	Max Peak Gain (dBi)	Directional Gain (dBi)	
					CDD	Beamforming
Wi-Fi Internal Antenna List (2.4GHz 2*2 MIMO, 5GHz 4*4 MIMO)						
Omni Antenna	2400 ~ 2483.5	2	20, 40	5	5	8.01
	5150 ~ 5850	4	20, 40, 80	7	7	13.02
	5150 ~ 5250 30° elevation angle	4	20, 40, 80	-0.3	--	
Bluetooth Internal Antenna						
Antenna Type		Frequency Band (GHz)			Max Peak Gain (dBi)	
Omni Antenna		2400 ~ 2483.5			4.06	
Scan Antenna						
Antenna Type		Frequency Band (GHz)			Max Peak Gain (dBi)	
Omni Antenna		2400 ~ 2483.5			4.58	
		5150 ~ 5850			6.00	
		5150 ~ 5250 30° elevation angle			2.88	

Note 1: The EUT supports Cyclic Delay Diversity (CDD) technology for 802.11a/b/g/n/ac/ax and Beam Forming technology for 802.11n/ac/ax.

Note 2: When the EUT supports Cyclic Delay Diversity (CDD) and it is correlated.

If all antennas have the same gain, G_{ANT} , Directional gain = $G_{ANT} + \text{Array Gain}$, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,

Array Gain = $10 \log (N_{ANT} / N_{SS})$ dB = 3.01;

- For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB for $N_{ANT} \leq 4$;

If antenna gains are not equal, Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

Note 3: The EUT also supports Beam Forming mode, Directional gain = $G_{ANT} + 10 \log(N_{ANT}/N_{SS})$ dBi,

Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

5.4 帶外發射限制

5.4.1 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端：

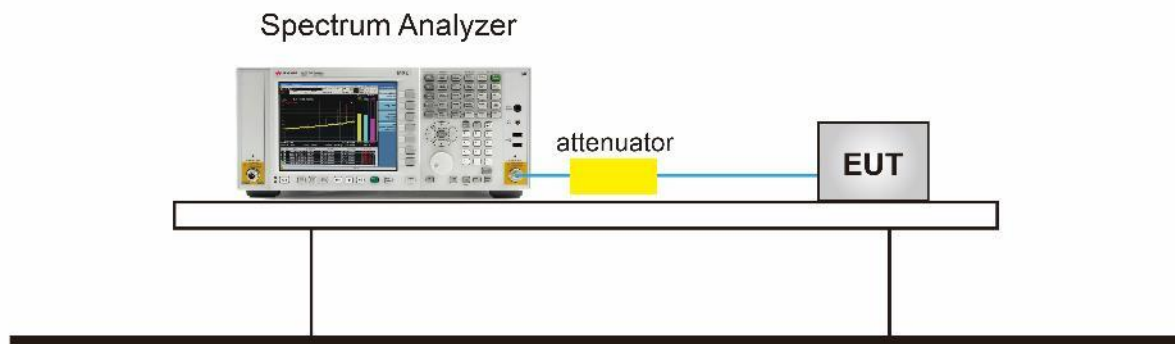
- (1) 頻率掃描範圍足以檢測頻帶內的發射波峰位準以及由受測物產生之最低頻率到第 10 次諧波的所有混附發射，通常需要分幾段以涵蓋全部頻率範圍。
- (2) 解析頻寬為 100 kHz，視訊頻寬不小於解析頻寬。
- (3) 掃描時間為自動，檢波功能為峰值，訊號軌跡為最大保留(Max Hold)。
- (4) 將標記設定於任何欲紀錄之波峰上，所顯示之位準值必須符合指定之限制值。

5.4.2 限制要求

使用頻帶範圍外之任意 100 千赫 (kHz)內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 千赫 (kHz)內的射頻功率，衰減值限制如下：

- (1) 輸出功率以低功率射頻電機技術規範附件二之峰值輸出功率方式量測者，至少須衰減 20 dB，可使用射頻傳導或輻射方式測量。
- (2) 輸出功率以數位調變技術系統之最大傳導輸出功率量測方式者，至少須衰減 30 dB。
- (3) 若落於禁用頻段之輻射發射，應符合低功率射頻電機技術規範第 2.8 節之規定。

5.4.3 測試架構圖



5.4.4 帶外輻射測試結果

Product	無線基地台	Temperature	24°C
Test Engineer	Peter Syu	Relative Humidity	56%
Test Site	SR1	Test Date	2020/03/23
Mode No.	OAW-AP1361D		

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	Limit	Result
BT5.1	1	00	2402	30dBc	Pass
		19	2440	30dBc	Pass
		39	2480	30dBc	Pass
	2	00	2402	30dBc	Pass
		19	2440	30dBc	Pass
		39	2480	30dBc	Pass

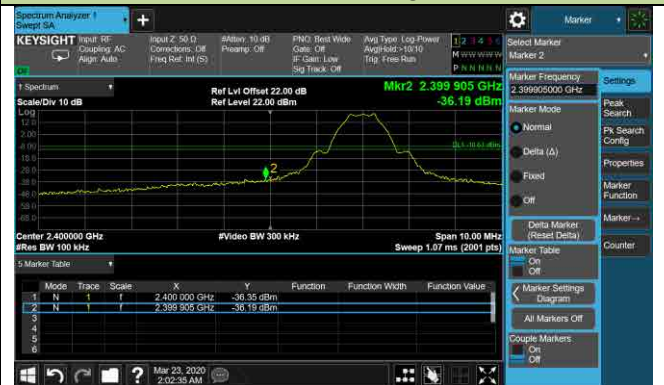
BT5.1 - 1Mbps Out-of-Band Emissions

Channel 00 (2402MHz)

100kHz PSD reference Level

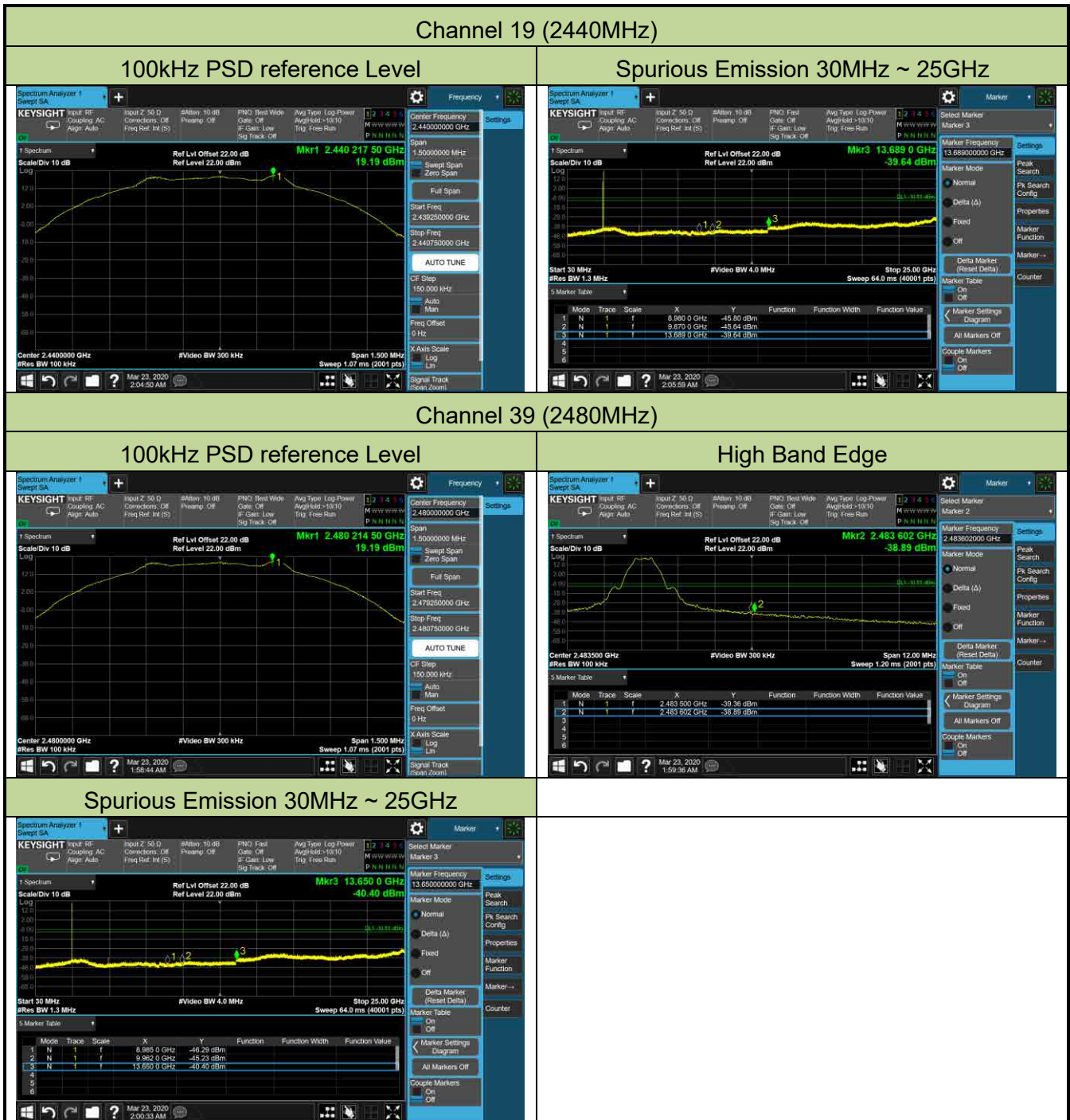


Low Band Edge



Spurious Emission 30MHz ~ 25GHz





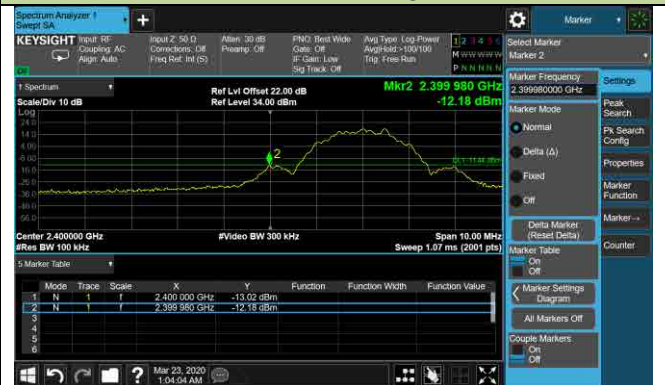
BT5.1 - 2Mbps Out-of-Band Emissions

Channel 00 (2402MHz)

100kHz PSD reference Level

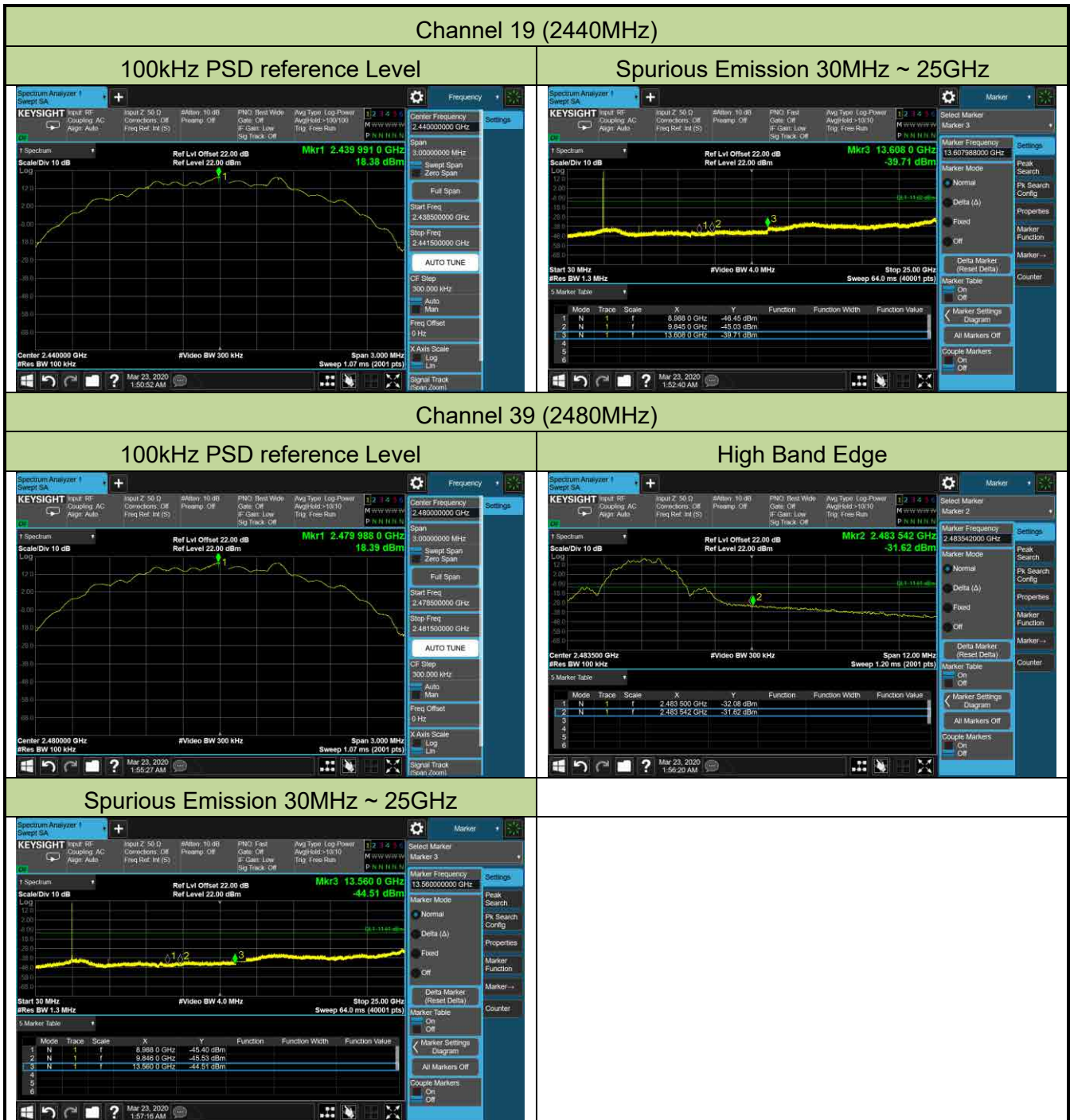


Low Band Edge



Spurious Emission 30MHz ~ 25GHz





5.5 輻射電場強度

5.5.1 量測方法

待測物置於非導體桌面（落地型產品置於地上），受測物使用交流電源時，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。受測物使用電池時，測試時應裝置新電池或充電完全的電池。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。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度，接收天線並應於水平及垂直極化方向各量測一次。（待測物擺設方式根據 ANSI C63.10-2013 版本，待測物放置桌中心，1G 以下擺設高度為 80cm/1G 以上擺設高度為 150cm）

- (1) 任一頻率小於或等於 1000 MHz 之訊號,使用 CISPR 準峰值檢波器
- (2) 任一頻率大於 1000 MHz 之訊號，使用平均值檢波器測量，當規定之發射限制值為平均值時(含 1000 MHz 以下)，受測訊號藉由峰值檢波器(RBW:1MHz,VBW:3MHz)所測量之峰值，亦須符合峰值發射限制值，其峰值發射限制值為最大容許平均值加 20 dB。

5.5.2 限制要求

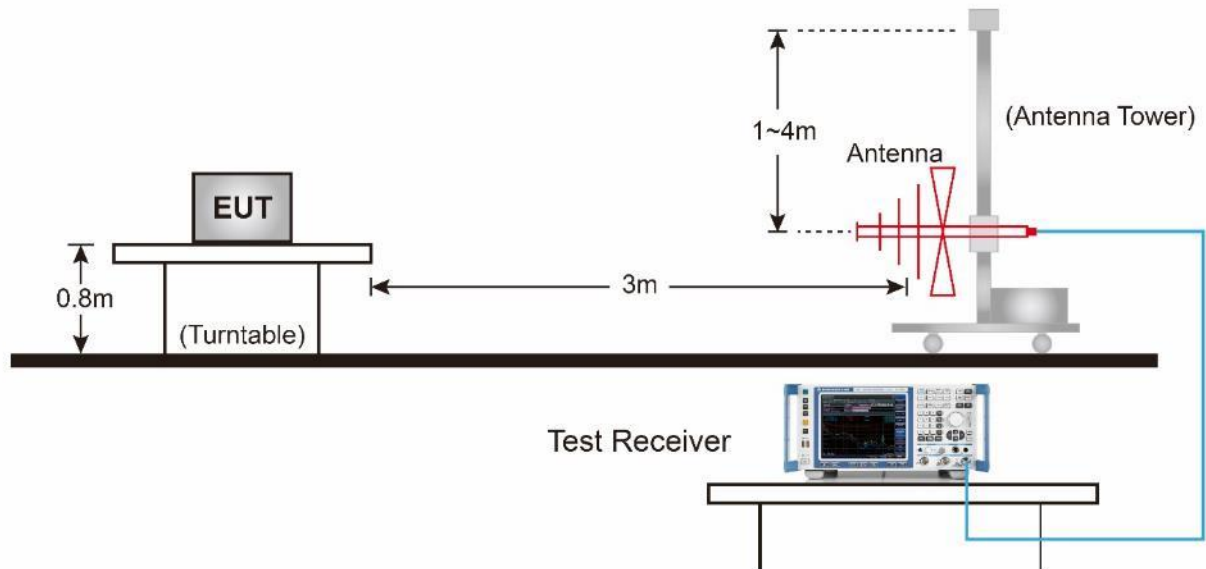
其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。各頻段重疊處，以較嚴格之限制值為準。

頻 率 (MHz)	電場強度(uV/m)	測距(m)
0.009 - 0.490(含)	2,400/f(KHz)	300
0.490 (不含) - 1.705 (含)	24,000/f(KHz)	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

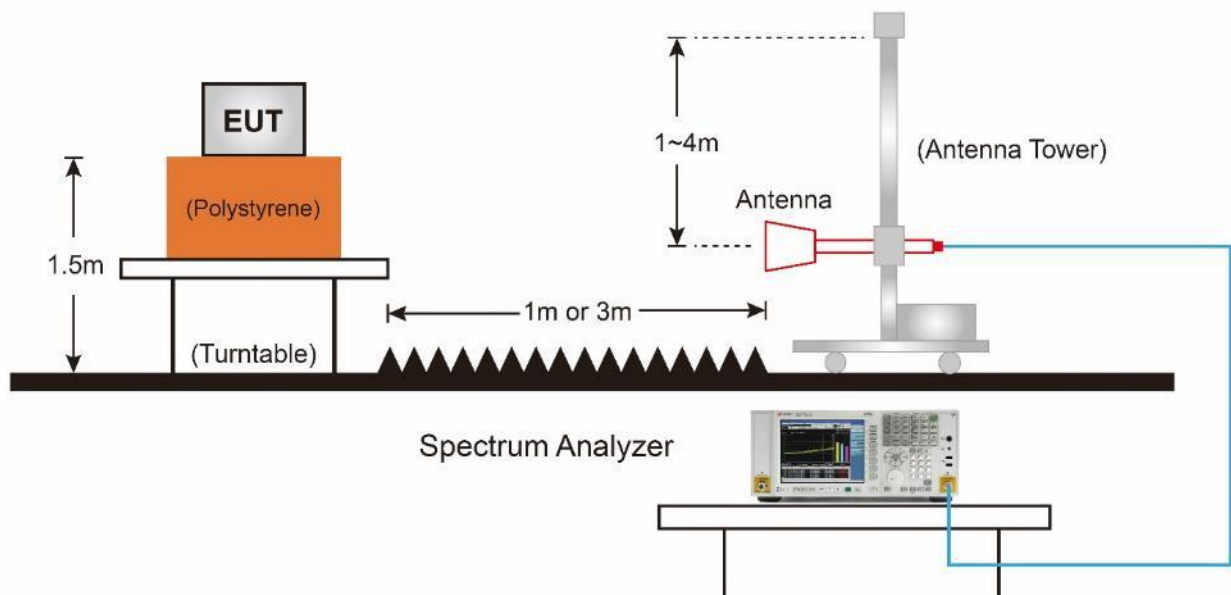
上表規定之電場強度，頻率在 9-90kHz 千赫(kHz)、110-490 千赫(kHz)以及 1000 兆赫(MHz)以上之發射，其量測以平均值檢波器為基準，且須符合低功率射頻電機技術規範第 5.14 節之規定；其他頻率之發射，應以 CISPR 準峰值(quasi-peak) 檢波器測量；非以上表所指定之距離測量時須符合低功率射頻電機技術規範第 5.5 節之規定，而輻射發射之量測頻率範圍須符合低功率射頻電機技術規範第 5.12 節之規定。

5.5.3 測試架構圖

Below 1GHz Test Setup:



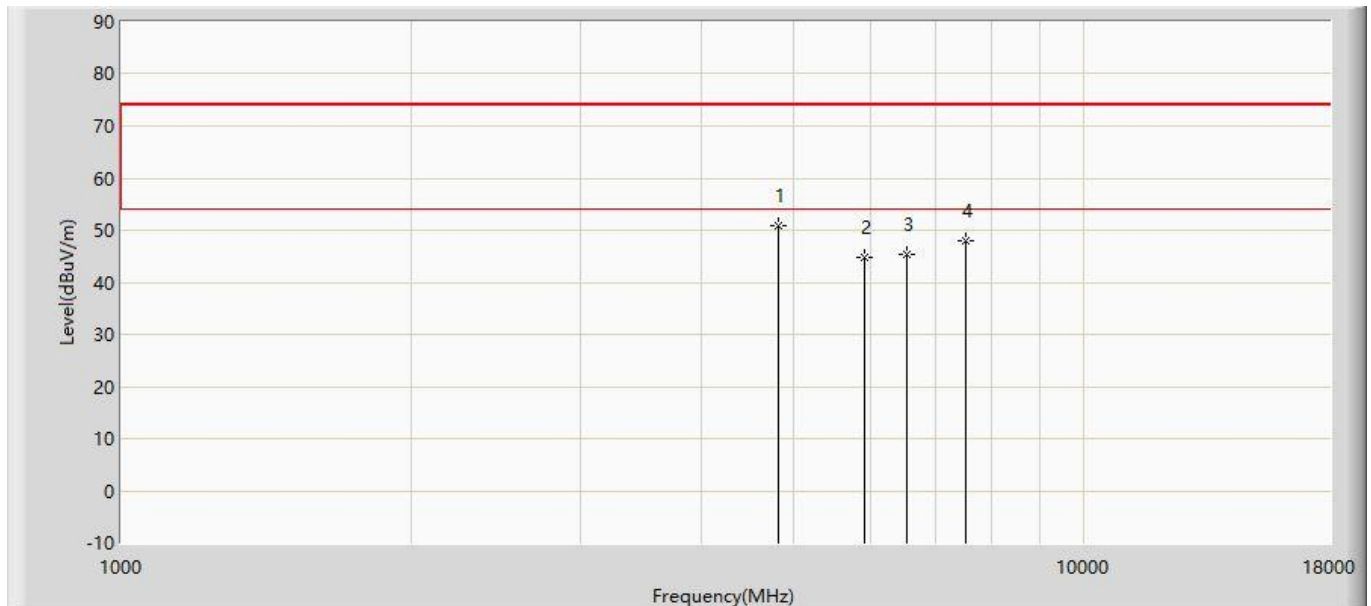
Above 1GHz Test Setup:



5.5.4 輻射電場強度測試結果

Mode No.: OAW-AP1361

Site: AC1	Time: 2020/05/21 - 10:20
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361	

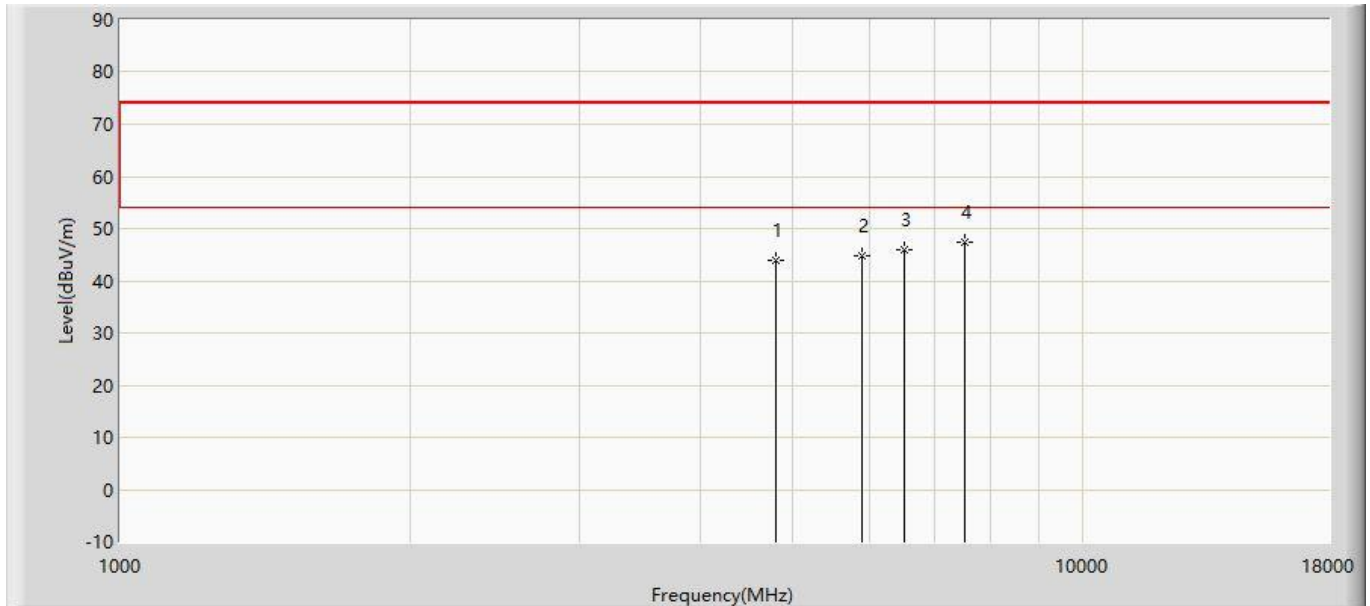


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	4808.000	50.744	47.454	-23.256	74.000	3.290	PK
2			5921.500	44.923	39.288	-29.077	74.000	5.636	PK
3			6542.000	45.312	37.032	-28.688	74.000	8.280	PK
4			7536.500	47.916	36.141	-26.084	74.000	11.775	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361	

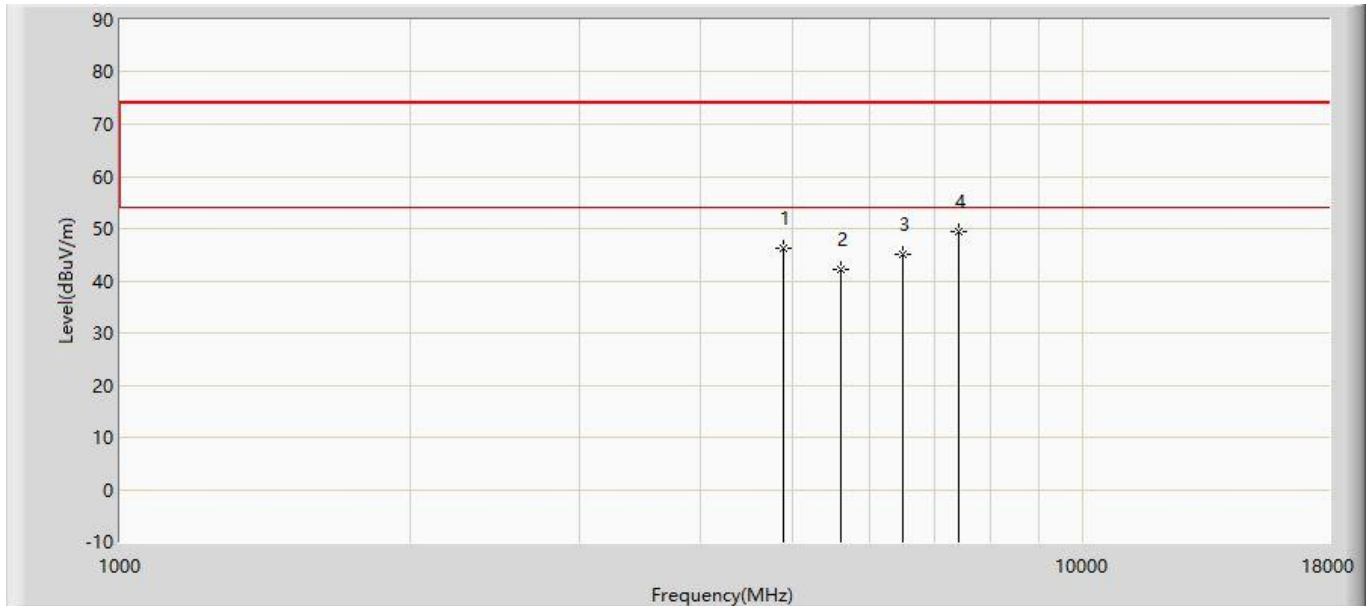


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4799.500	43.854	40.584	-30.146	74.000	3.270	PK
2			5887.500	44.832	39.307	-29.168	74.000	5.525	PK
3			6525.000	45.970	37.765	-28.030	74.000	8.205	PK
4		*	7536.500	47.299	35.524	-26.701	74.000	11.775	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2440MHz with OAW-AP1361	

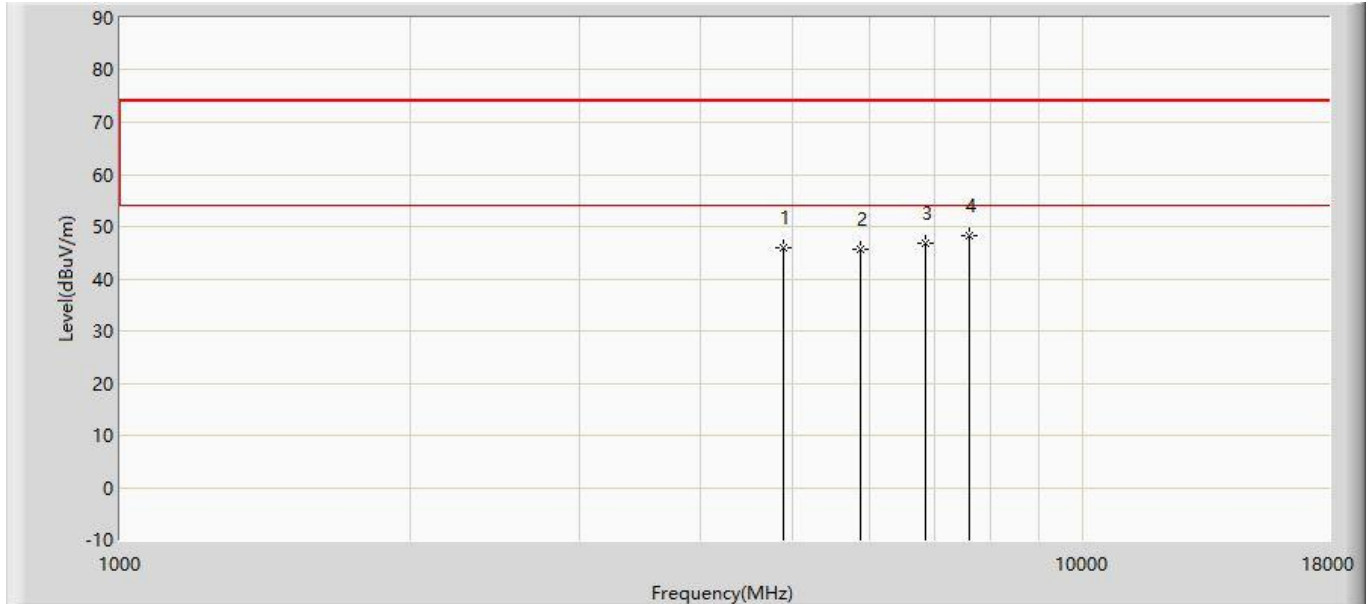


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4876.000	46.204	42.751	-27.796	74.000	3.453	PK
2			5607.000	42.263	37.647	-31.737	74.000	4.616	PK
3			6491.000	45.079	37.023	-28.921	74.000	8.056	PK
4		*	7417.500	49.364	37.883	-24.636	74.000	11.481	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2440MHz with OAW-AP1361	

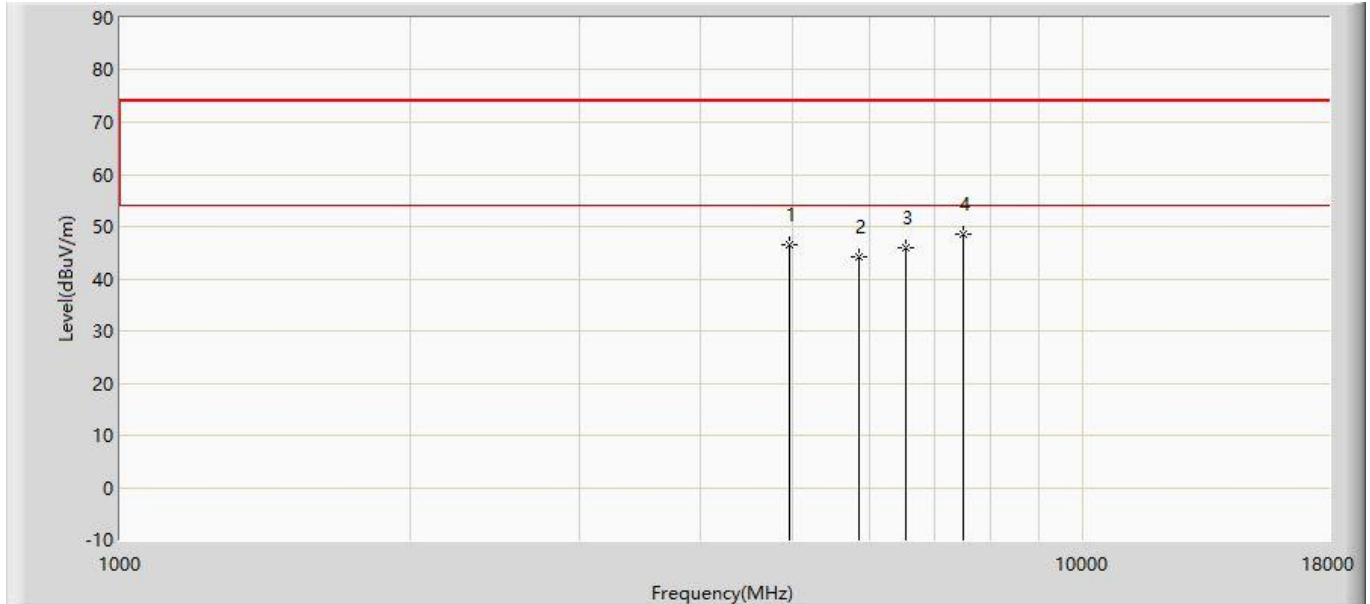


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4876.000	45.851	42.398	-28.149	74.000	3.453	PK
2			5870.500	45.524	40.054	-28.476	74.000	5.470	PK
3			6848.000	46.748	37.118	-27.252	74.000	9.630	PK
4		*	7613.000	48.231	36.331	-25.769	74.000	11.900	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361	

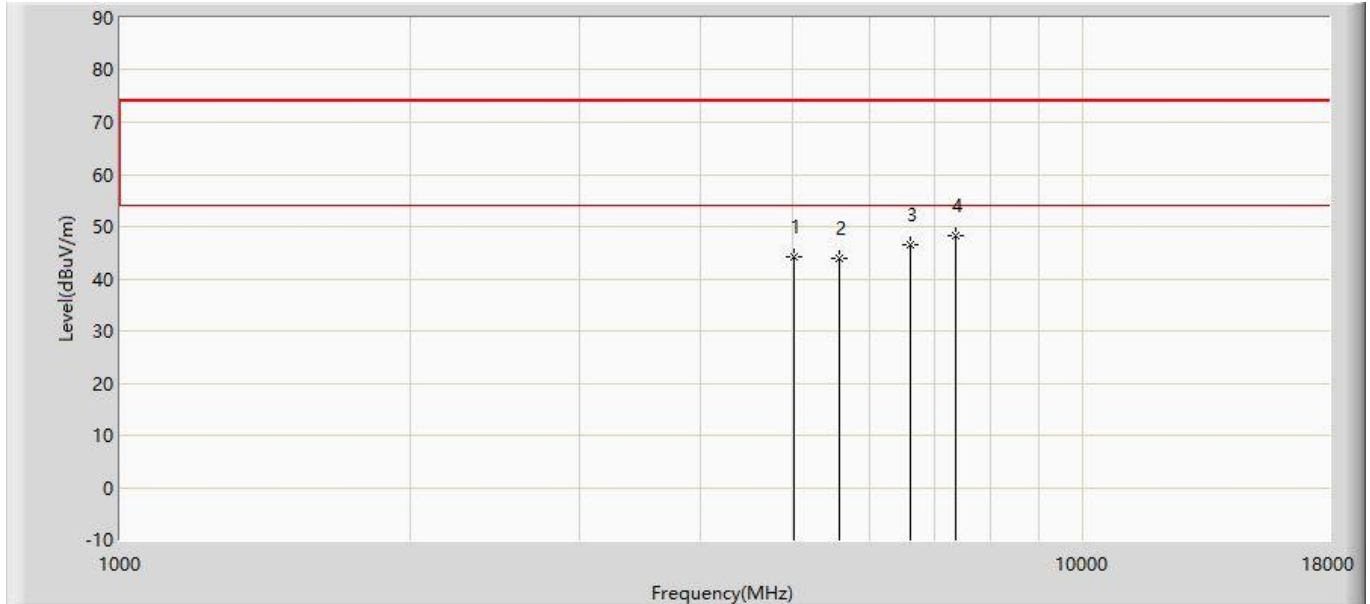


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4961.000	46.425	42.768	-27.575	74.000	3.657	PK
2			5862.000	44.215	38.772	-29.785	74.000	5.443	PK
3			6533.500	45.901	37.658	-28.099	74.000	8.243	PK
4		*	7511.000	48.431	36.698	-25.569	74.000	11.733	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361	

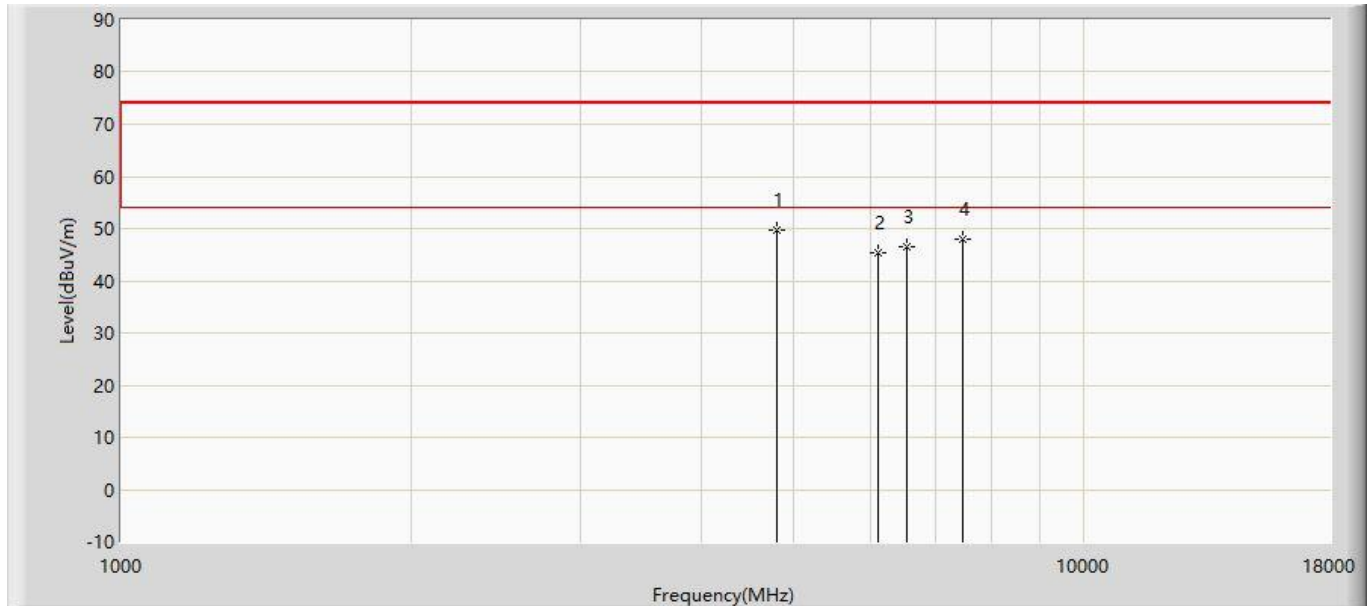


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5012.000	44.202	40.440	-29.798	74.000	3.762	PK
2			5581.500	43.834	39.300	-30.166	74.000	4.533	PK
3			6610.000	46.499	37.919	-27.501	74.000	8.580	PK
4		*	7375.000	48.400	37.039	-25.600	74.000	11.361	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361	

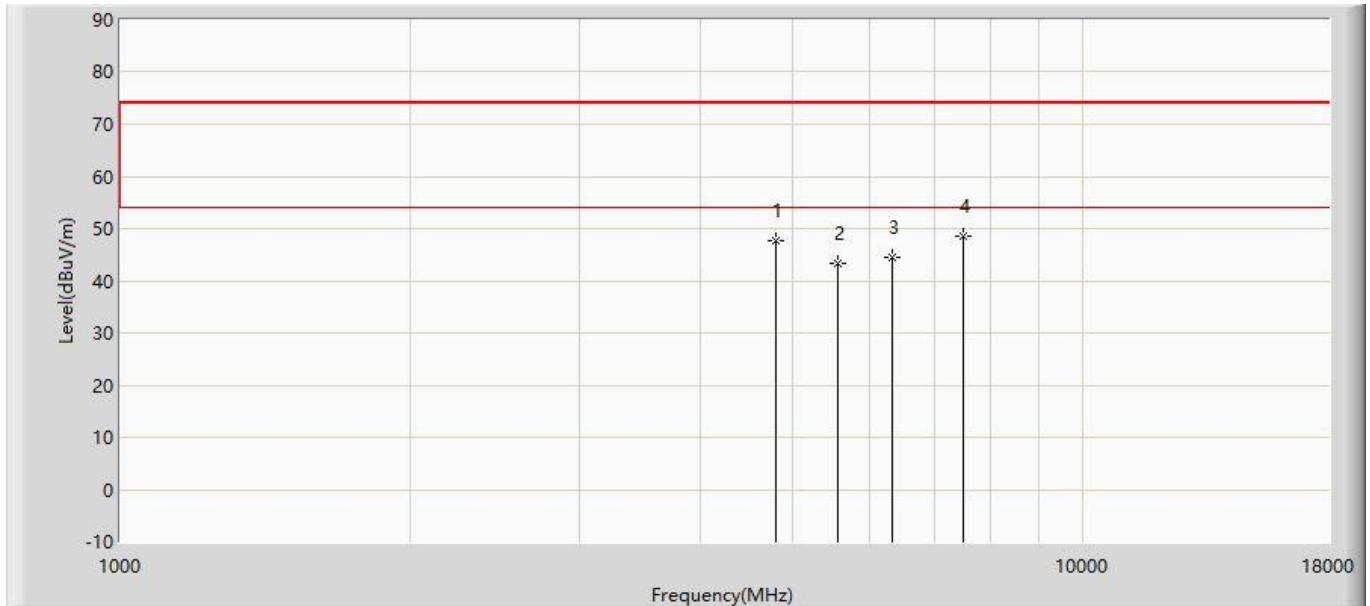


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	4799.500	49.827	46.557	-24.173	74.000	3.270	PK
2			6117.000	45.278	38.871	-28.722	74.000	6.407	PK
3			6533.500	46.610	38.367	-27.390	74.000	8.243	PK
4			7468.500	47.955	36.329	-26.045	74.000	11.626	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361	

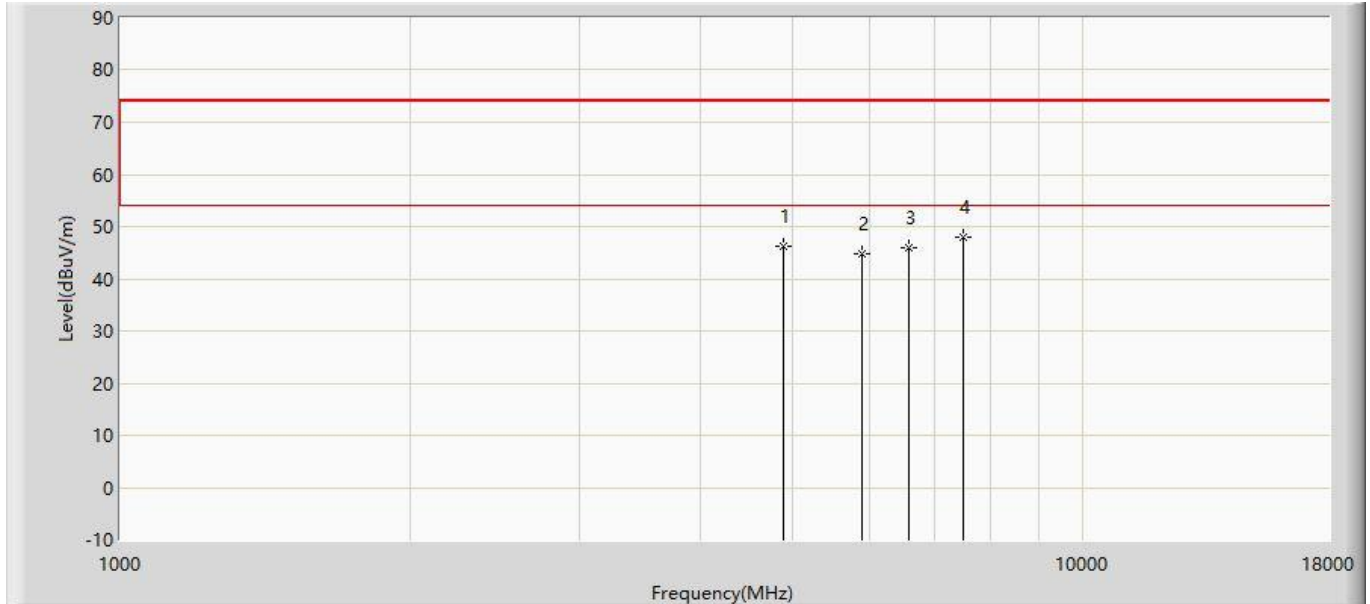


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4799.500	47.721	44.451	-26.279	74.000	3.270	PK
2			5556.000	43.355	38.903	-30.645	74.000	4.452	PK
3			6338.000	44.632	37.252	-29.368	74.000	7.380	PK
4		*	7511.000	48.534	36.801	-25.466	74.000	11.733	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2440MHz with OAW-AP1361	

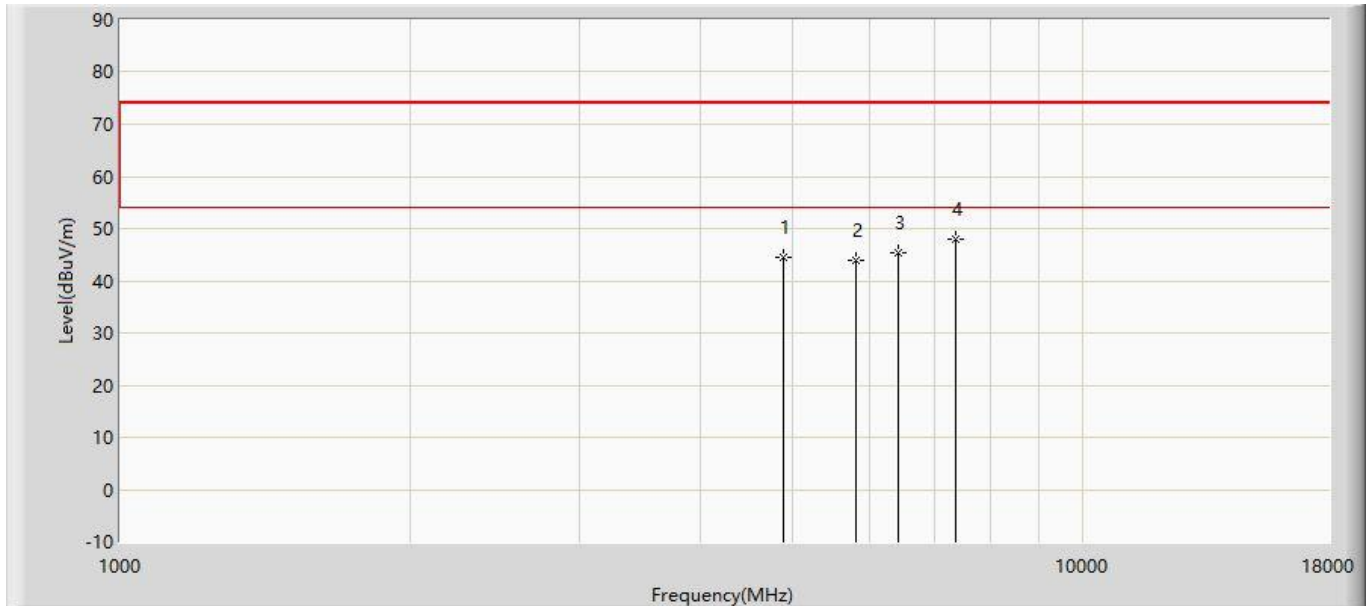


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4876.000	46.152	42.699	-27.848	74.000	3.453	PK
2			5896.000	44.865	39.312	-29.135	74.000	5.553	PK
3			6584.500	45.814	37.347	-28.186	74.000	8.466	PK
4		*	7502.500	48.092	36.376	-25.908	74.000	11.716	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2440MHz with OAW-AP1361	

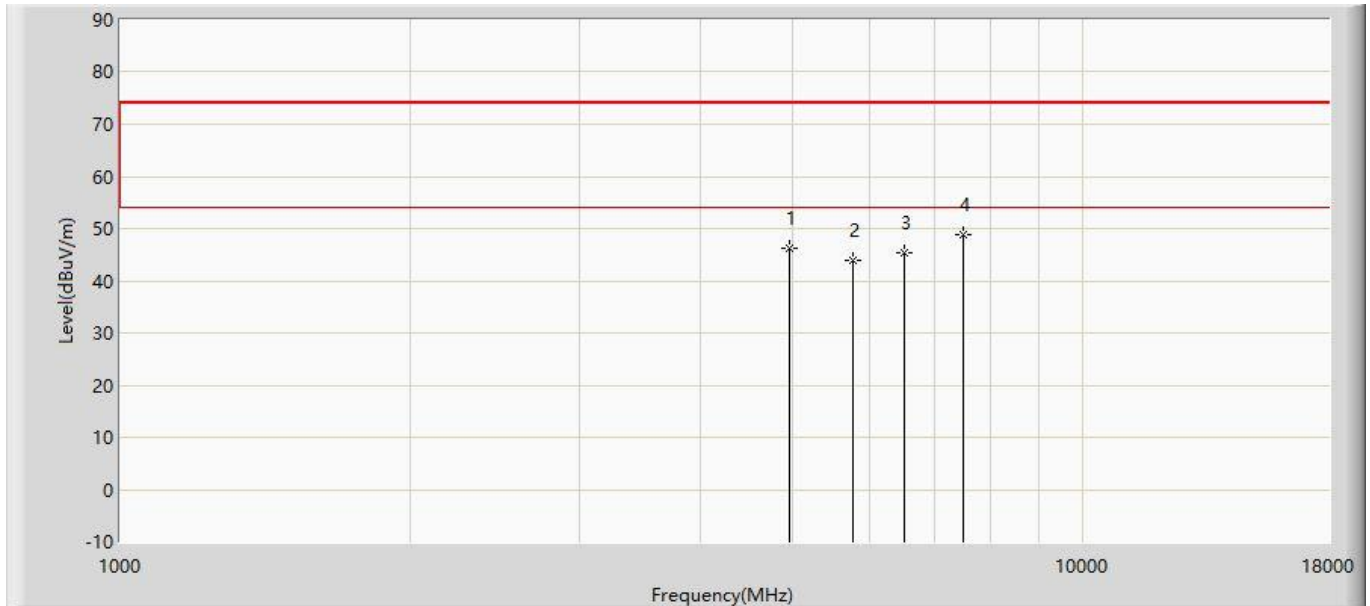


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4876.000	44.599	41.146	-29.401	74.000	3.453	PK
2			5811.000	43.976	38.698	-30.024	74.000	5.278	PK
3			6423.000	45.486	37.732	-28.514	74.000	7.754	PK
4		*	7366.500	47.968	36.631	-26.032	74.000	11.337	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:21
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361	

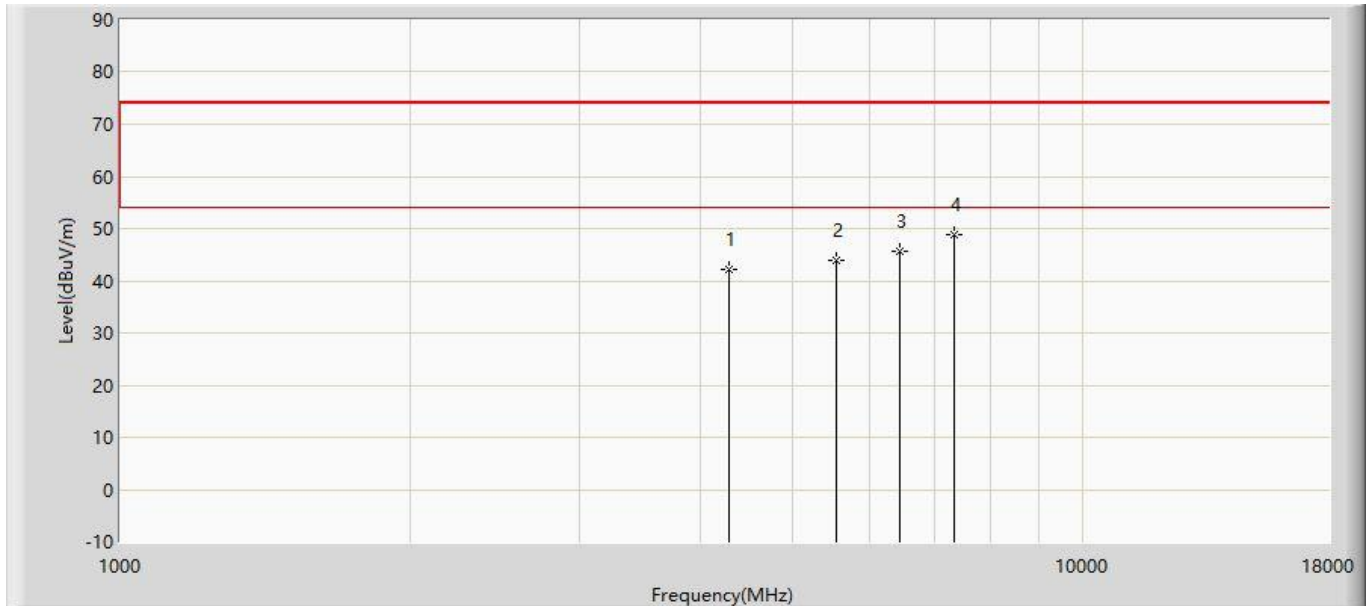


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4961.000	46.145	42.488	-27.855	74.000	3.657	PK
2			5768.500	43.857	38.717	-30.143	74.000	5.140	PK
3			6516.500	45.492	37.324	-28.508	74.000	8.168	PK
4		*	7511.000	48.789	37.056	-25.211	74.000	11.733	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:22
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361	



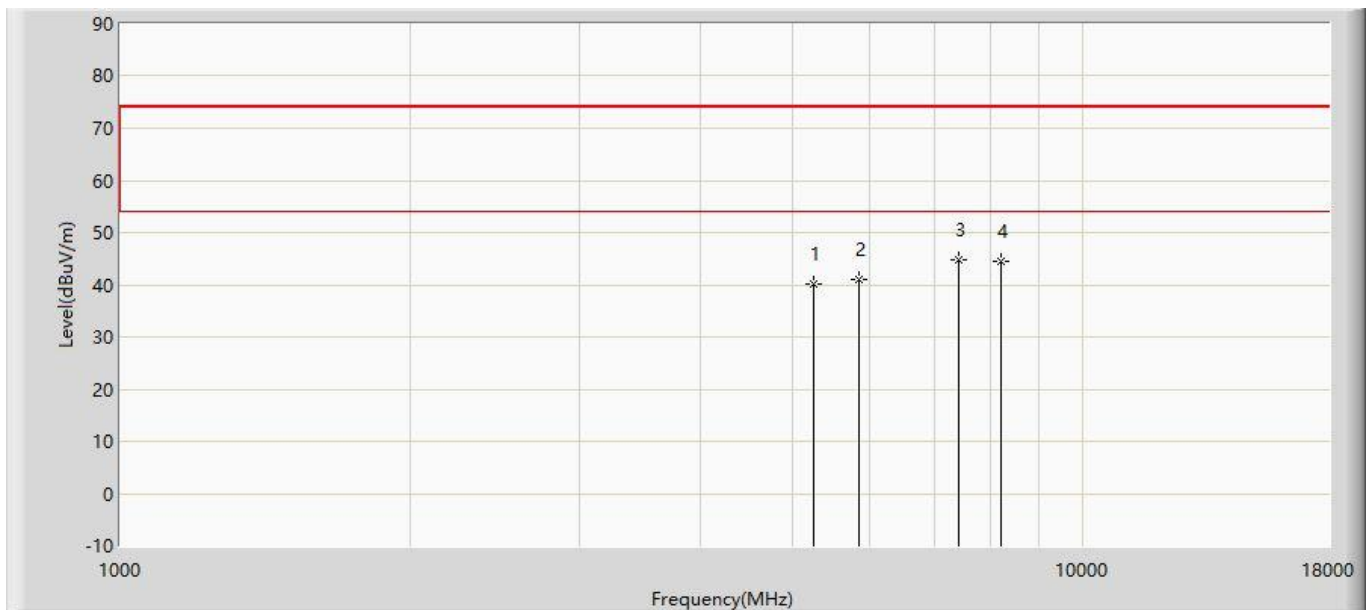
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4289.500	42.101	40.254	-31.899	74.000	1.847	PK
2			5539.000	43.794	39.398	-30.206	74.000	4.396	PK
3			6448.500	45.529	37.661	-28.471	74.000	7.868	PK
4		*	7358.000	48.859	37.546	-25.141	74.000	11.313	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Model No.: OAW-AP1361D

Site: AC1	Time: 2020/04/23 - 10:19
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at channel 2402MHz with OAW-AP1361D	

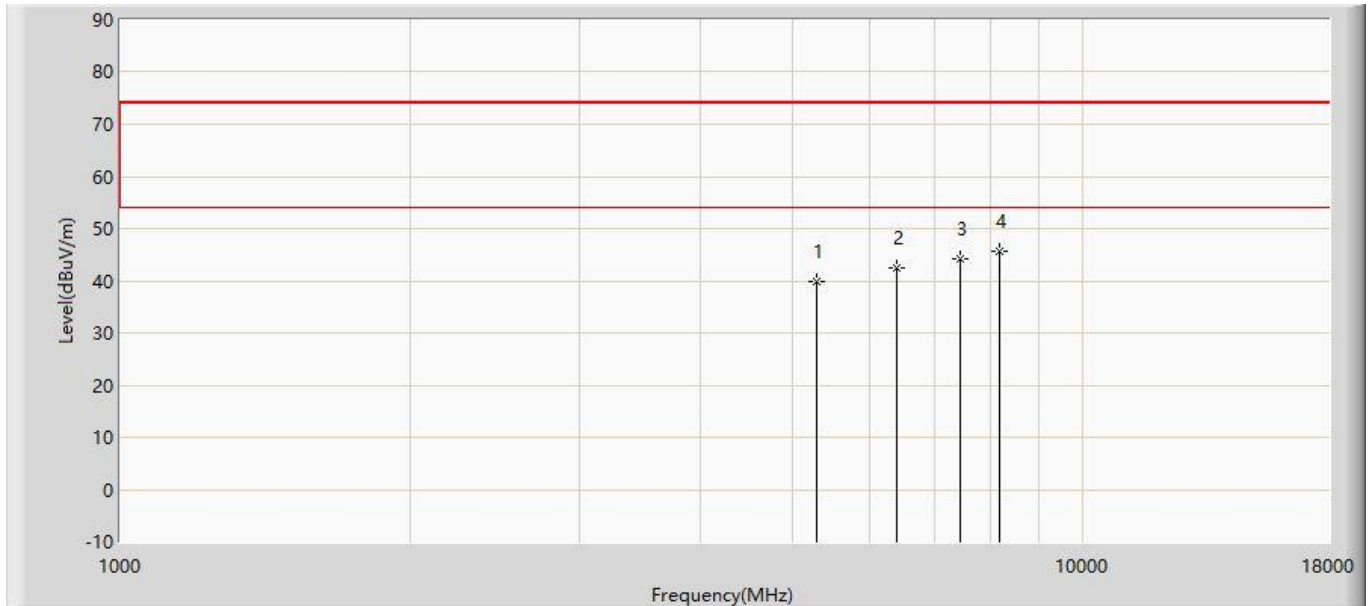


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5250.000	40.024	36.314	-33.976	74.000	3.710	PK
2			5853.500	41.109	35.882	-32.891	74.000	5.227	PK
3		*	7434.500	44.735	33.166	-29.265	74.000	11.569	PK
4			8208.000	44.520	32.196	-29.480	74.000	12.324	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:19
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at channel 2402MHz with OAW-AP1361D	

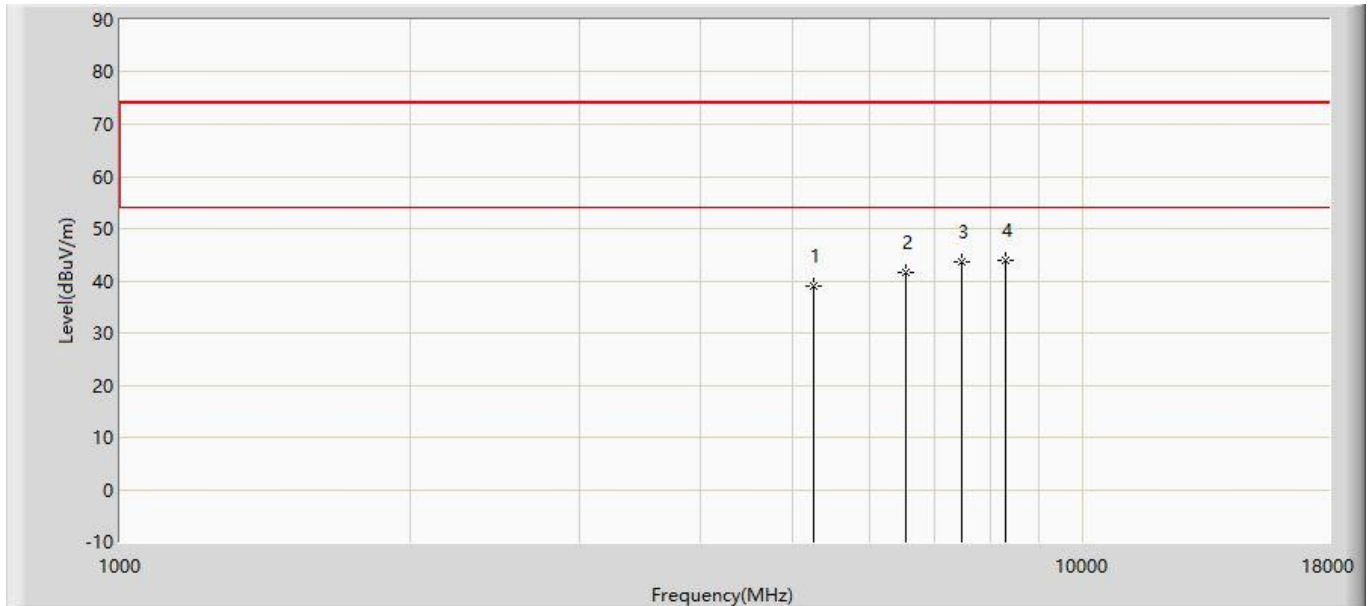


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5284.000	39.816	36.085	-34.184	74.000	3.731	PK
2			6397.500	42.506	35.202	-31.494	74.000	7.305	PK
3			7451.500	44.104	32.497	-29.896	74.000	11.607	PK
4		*	8199.500	45.633	33.313	-28.367	74.000	12.320	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:19
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at channel 2440MHz with OAW-AP1361D	

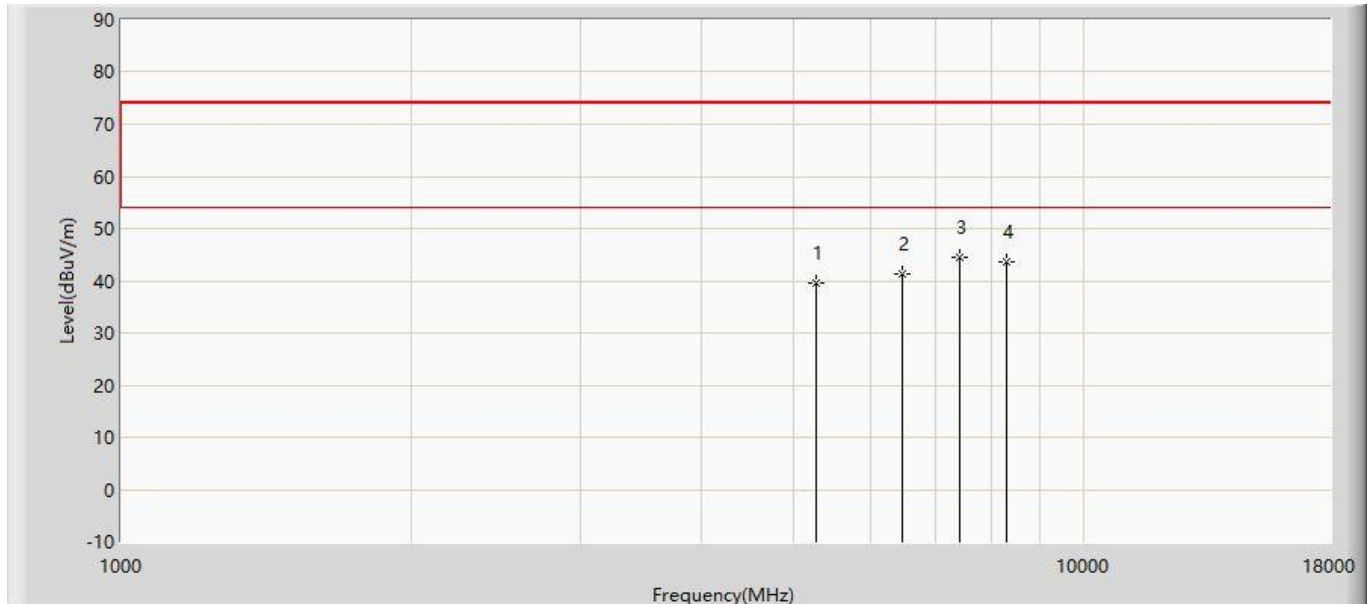


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5250.000	38.863	35.153	-35.137	74.000	3.710	PK
2			6533.500	41.721	33.831	-32.279	74.000	7.891	PK
3			7494.000	43.711	32.009	-30.289	74.000	11.702	PK
4		*	8310.000	43.962	31.593	-30.038	74.000	12.369	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:19
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at channel 2440MHz with OAW-AP1361D	

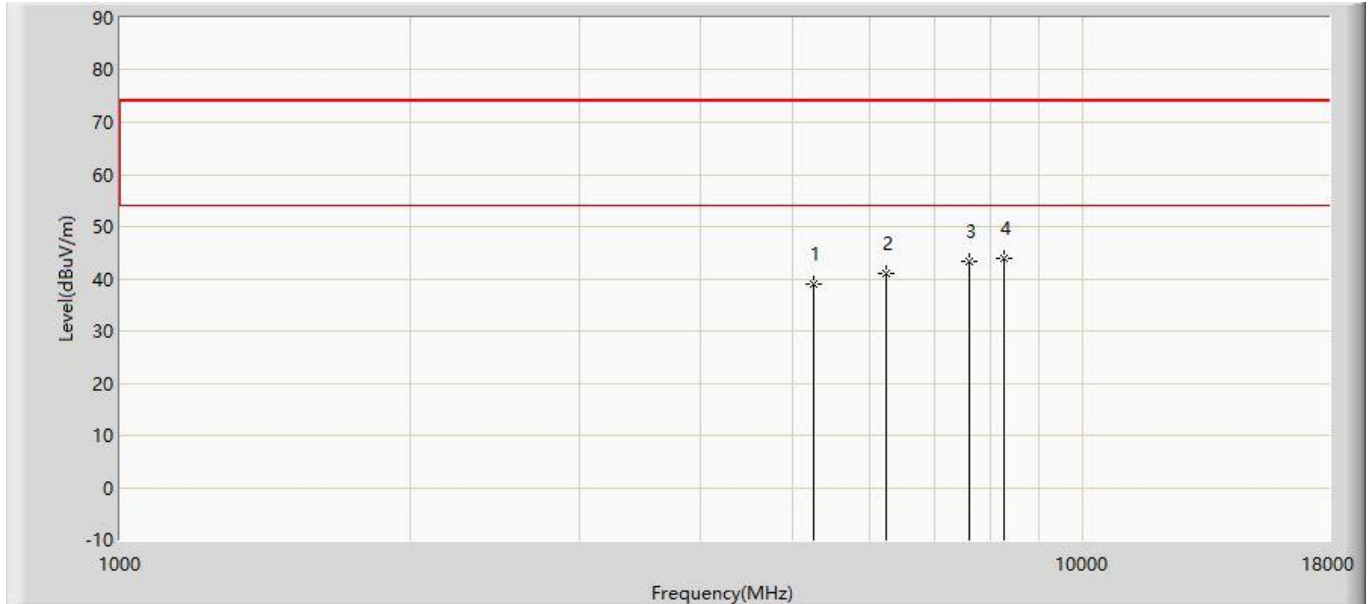


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5267.000	39.466	35.746	-34.534	74.000	3.720	PK
2			6474.000	41.268	33.672	-32.732	74.000	7.596	PK
3		*	7434.500	44.551	32.982	-29.449	74.000	11.569	PK
4			8310.000	43.682	31.313	-30.318	74.000	12.369	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:19
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at channel 2480MHz with OAW-AP1361D	

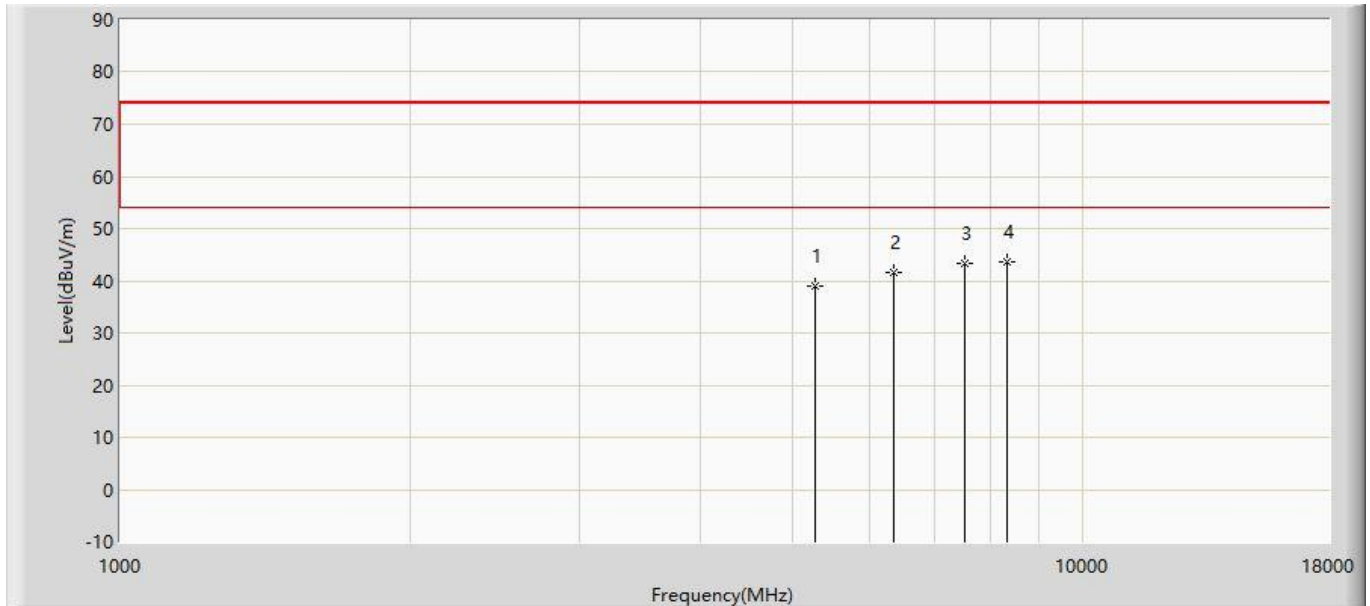


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5241.500	39.021	35.316	-34.979	74.000	3.705	PK
2			6244.500	40.898	34.177	-33.102	74.000	6.721	PK
3			7613.000	43.236	31.405	-30.764	74.000	11.831	PK
4		*	8267.500	43.912	31.562	-30.088	74.000	12.350	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:19
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at channel 2480MHz with OAW-AP1361D	

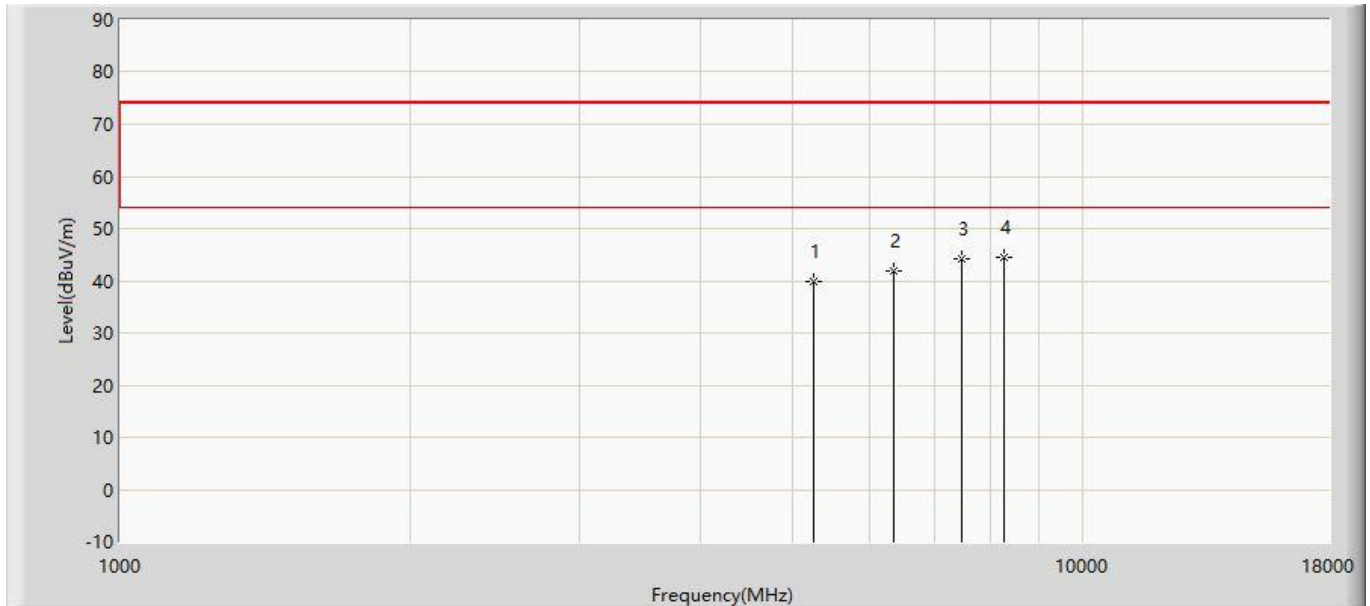


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5267.000	39.117	35.397	-34.883	74.000	3.720	PK
2			6355.000	41.483	34.340	-32.517	74.000	7.143	PK
3			7536.500	43.210	31.458	-30.790	74.000	11.752	PK
4		*	8352.500	43.609	31.221	-30.391	74.000	12.388	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:19
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at channel 2402MHz with OAW-AP1361D	

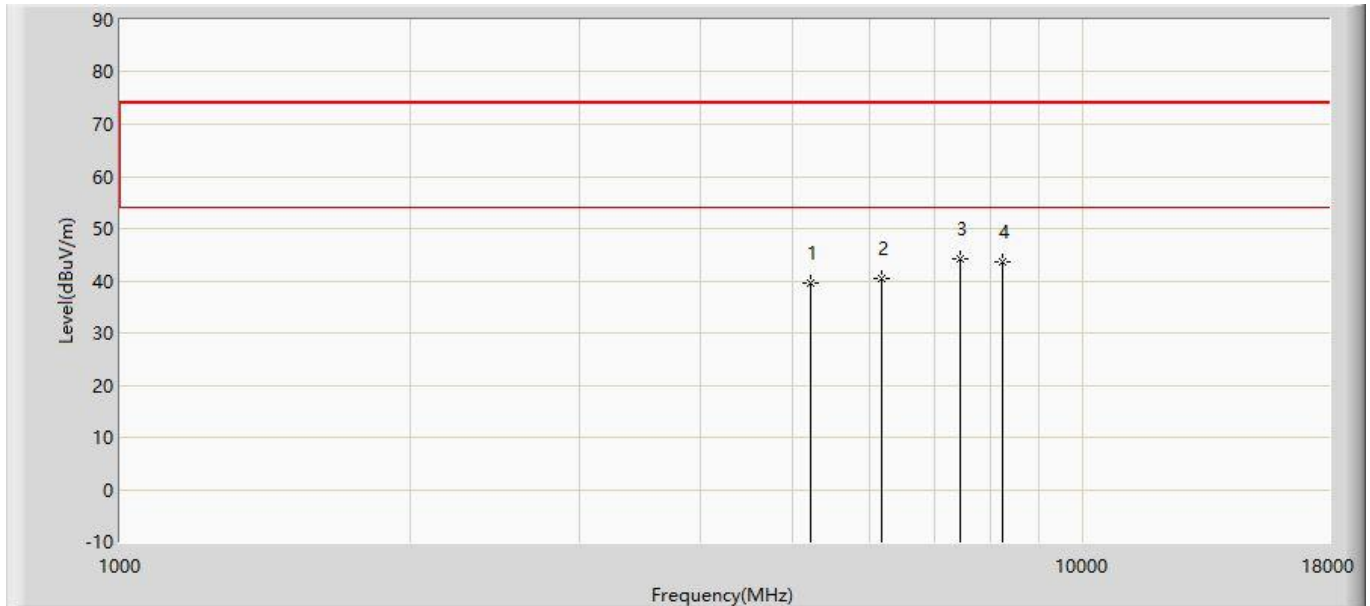


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5241.500	39.947	36.242	-34.053	74.000	3.705	PK
2			6355.000	41.795	34.652	-32.205	74.000	7.143	PK
3			7468.500	44.180	32.536	-29.820	74.000	11.644	PK
4		*	8276.000	44.625	32.271	-29.375	74.000	12.354	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:19
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at channel 2402MHz with OAW-AP1361D	

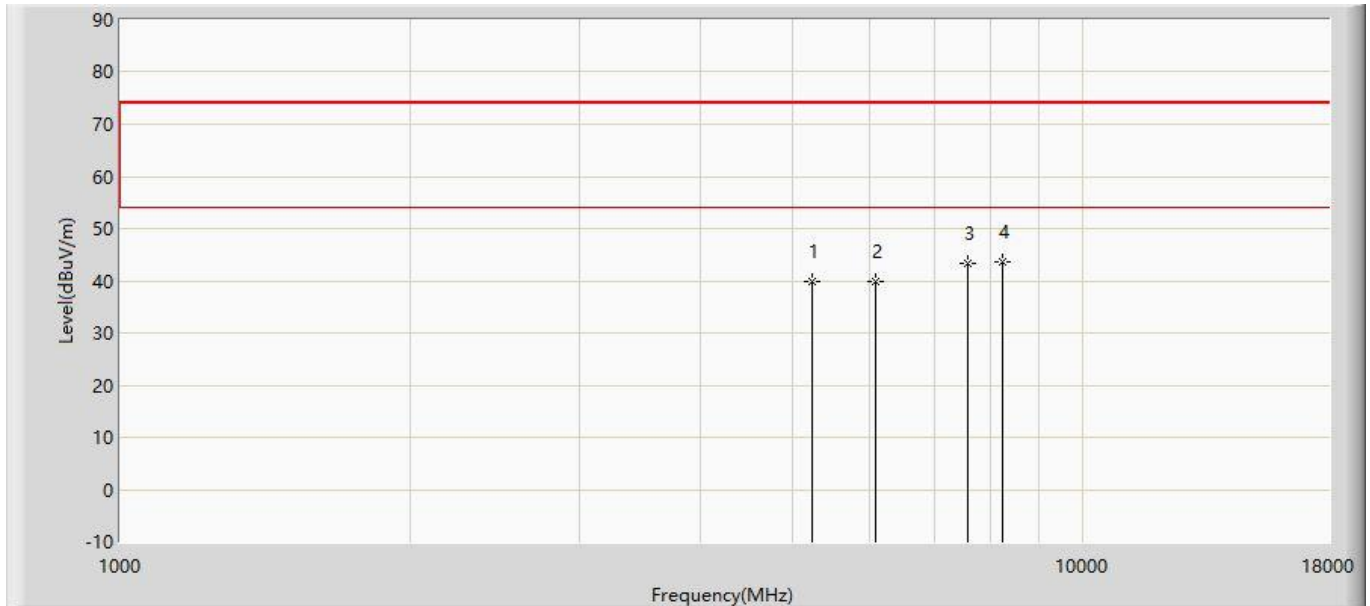


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5216.000	39.521	35.832	-34.479	74.000	3.689	PK
2			6168.000	40.449	34.019	-33.551	74.000	6.430	PK
3		*	7443.000	44.109	32.521	-29.891	74.000	11.588	PK
4			8259.000	43.606	31.259	-30.394	74.000	12.347	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:19
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at channel 2440MHz with OAW-AP1361D	

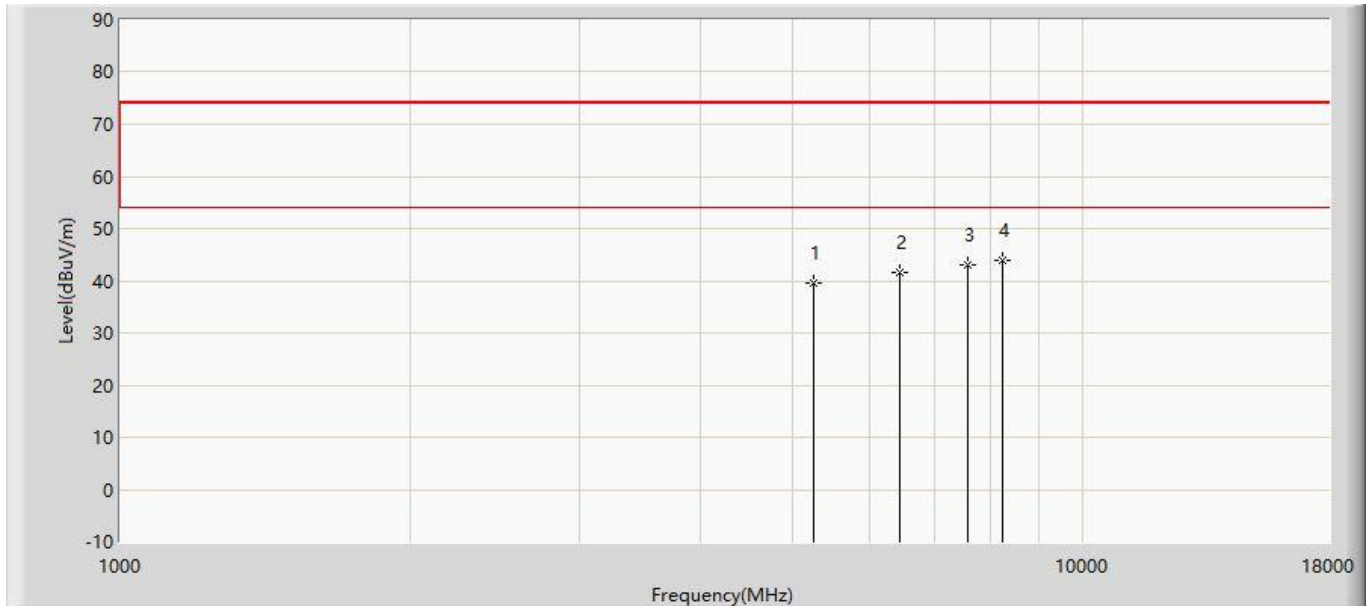


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5233.000	39.799	36.099	-34.201	74.000	3.700	PK
2			6091.500	39.972	33.833	-34.028	74.000	6.139	PK
3			7579.000	43.261	31.464	-30.739	74.000	11.797	PK
4		*	8242.000	43.617	31.278	-30.383	74.000	12.339	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:20
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at channel 2440MHz with OAW-AP1361D	

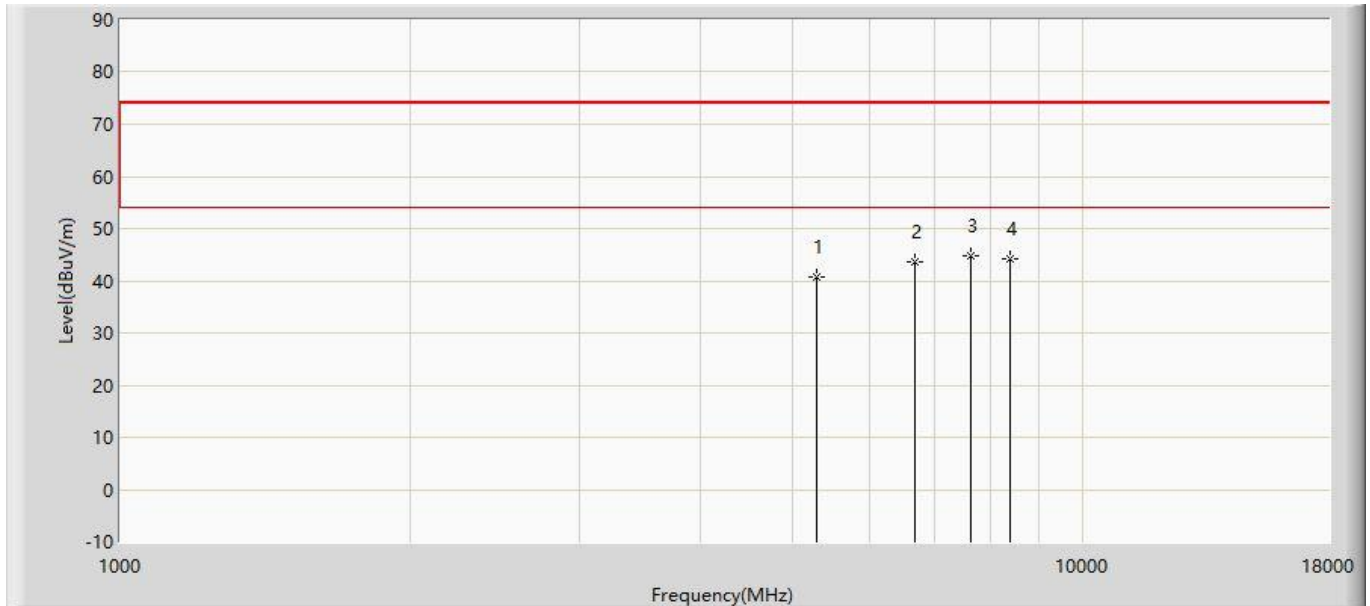


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5241.500	39.534	35.829	-34.466	74.000	3.705	PK
2			6457.000	41.494	33.963	-32.506	74.000	7.531	PK
3			7596.000	43.151	31.337	-30.849	74.000	11.814	PK
4		*	8242.000	43.872	31.533	-30.128	74.000	12.339	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:20
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at channel 2480MHz with OAW-AP1361D	

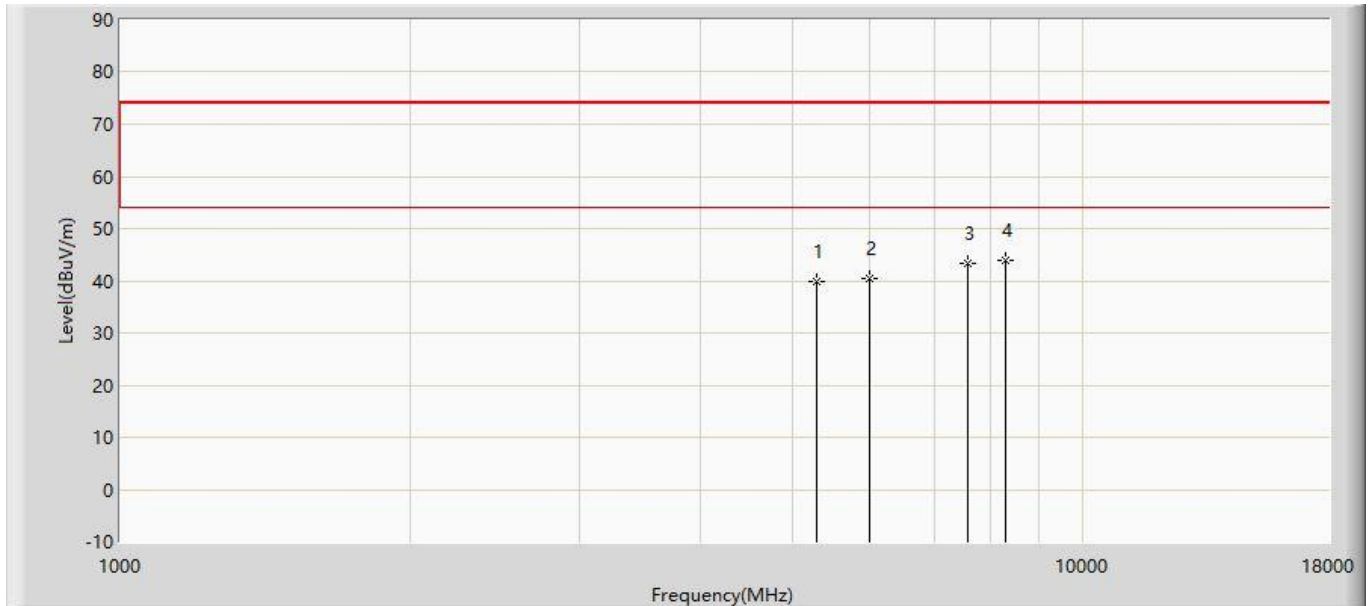


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5292.500	40.858	37.121	-33.142	74.000	3.737	PK
2			6695.000	43.673	34.845	-30.327	74.000	8.828	PK
3		*	7638.500	44.675	32.817	-29.325	74.000	11.859	PK
4			8395.000	44.062	31.654	-29.938	74.000	12.408	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/04/23 - 10:20
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at channel 2480MHz with OAW-AP1361D	



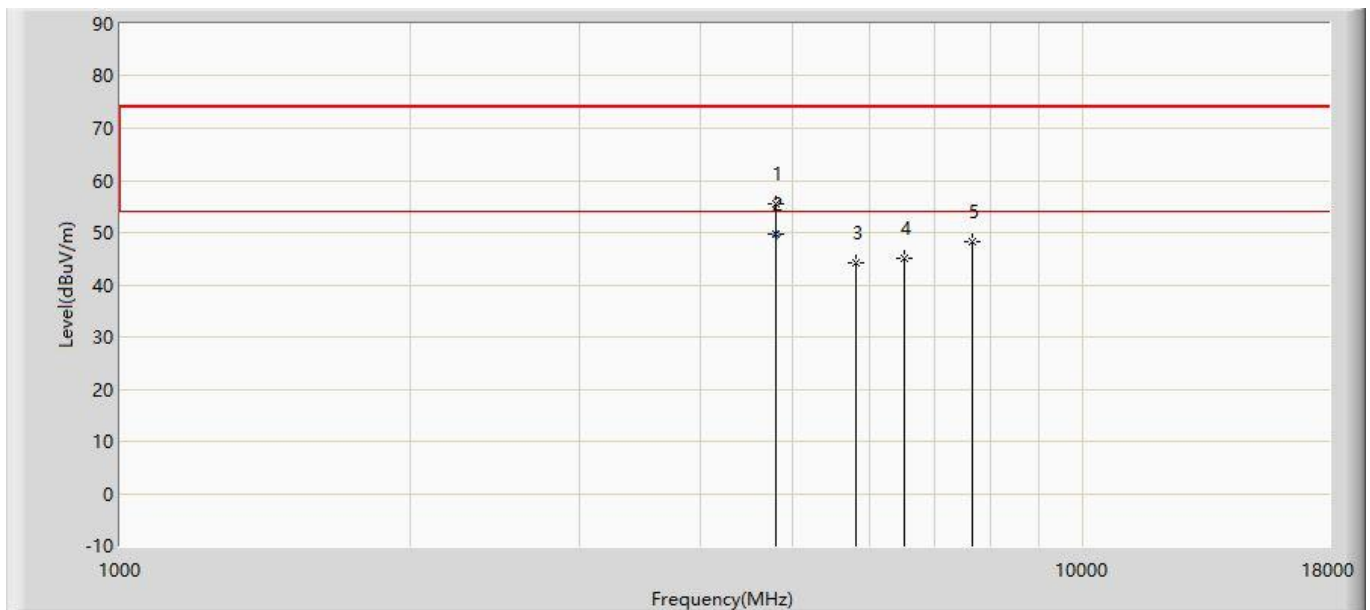
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5292.500	39.739	36.002	-34.261	74.000	3.737	PK
2			5998.000	40.384	34.602	-33.616	74.000	5.782	PK
3			7579.000	43.225	31.428	-30.775	74.000	11.797	PK
4		*	8310.000	43.855	31.486	-30.145	74.000	12.369	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Mode No.: OAW-AP1362

Site: AC1	Time: 2020/05/21 - 10:41
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1362	

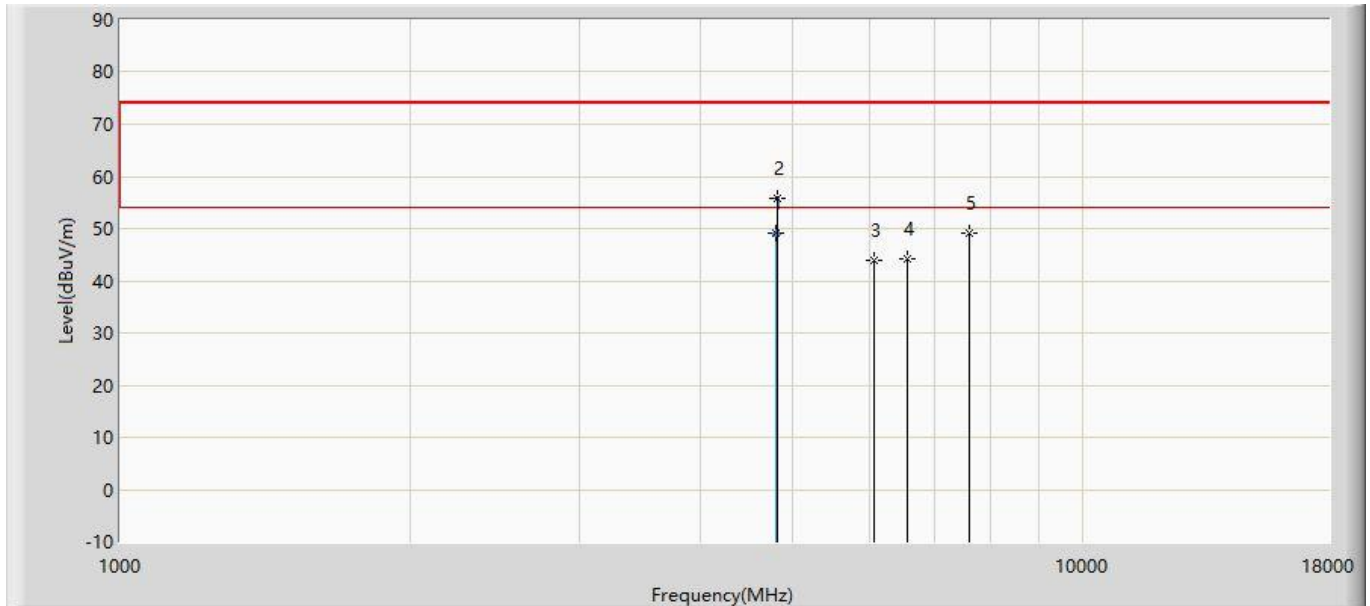


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4799.500	55.521	52.251	-18.479	74.000	3.270	PK
2		*	4803.900	49.670	46.390	-4.330	54.000	3.280	AV
3			5819.500	44.251	38.945	-29.749	74.000	5.305	PK
4			6525.000	45.186	36.981	-28.814	74.000	8.205	PK
5			7664.000	48.252	36.270	-25.748	74.000	11.982	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:41
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1362	

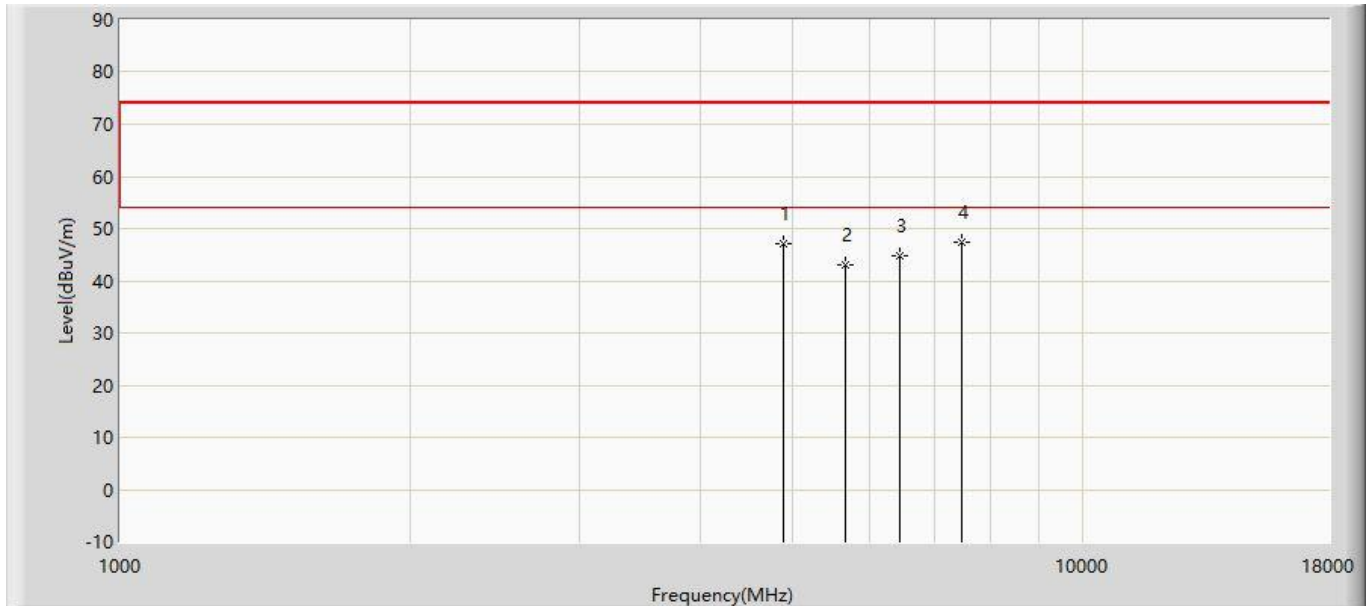


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	4803.440	49.239	45.960	-4.761	54.000	3.279	AV
2			4808.000	55.748	52.458	-18.252	74.000	3.290	PK
3			6066.000	43.970	37.789	-30.030	74.000	6.181	PK
4			6559.000	44.091	35.735	-29.909	74.000	8.356	PK
5			7604.500	49.016	37.130	-24.984	74.000	11.887	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:41
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2440MHz with OAW-AP1362	

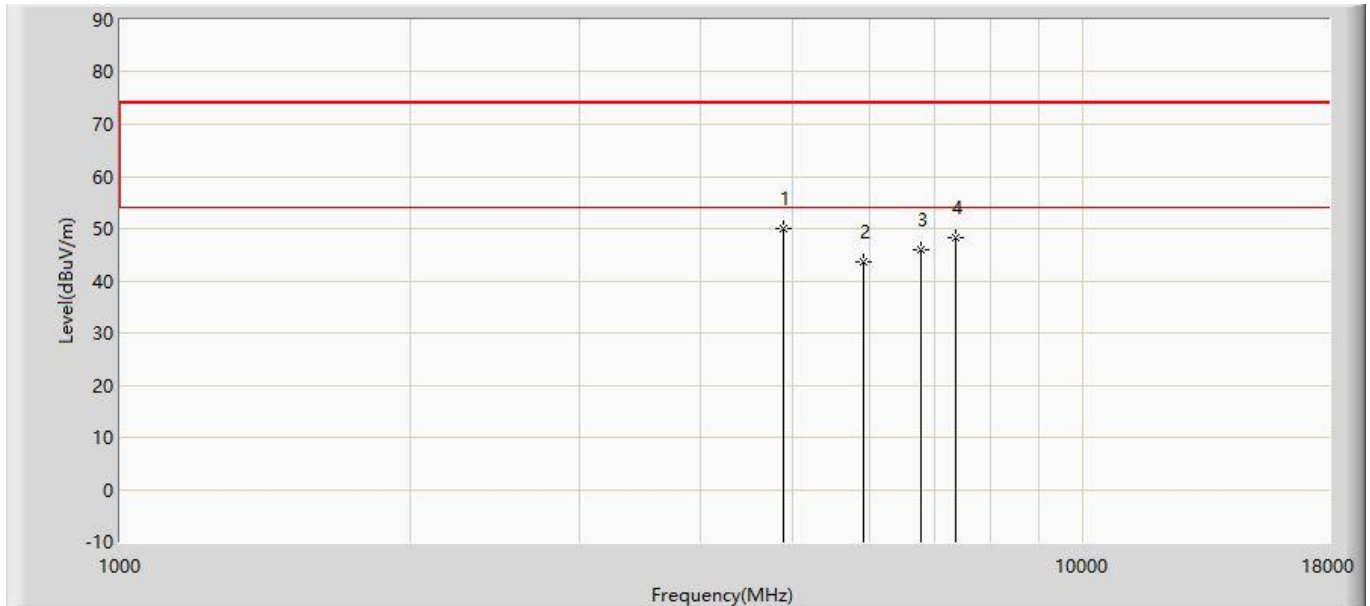


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4884.500	47.128	43.655	-26.872	74.000	3.474	PK
2			5658.000	43.106	38.324	-30.894	74.000	4.782	PK
3			6440.000	44.808	36.977	-29.192	74.000	7.831	PK
4		*	7485.500	47.307	35.633	-26.693	74.000	11.674	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:41
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2440MHz with OAW-AP1362	

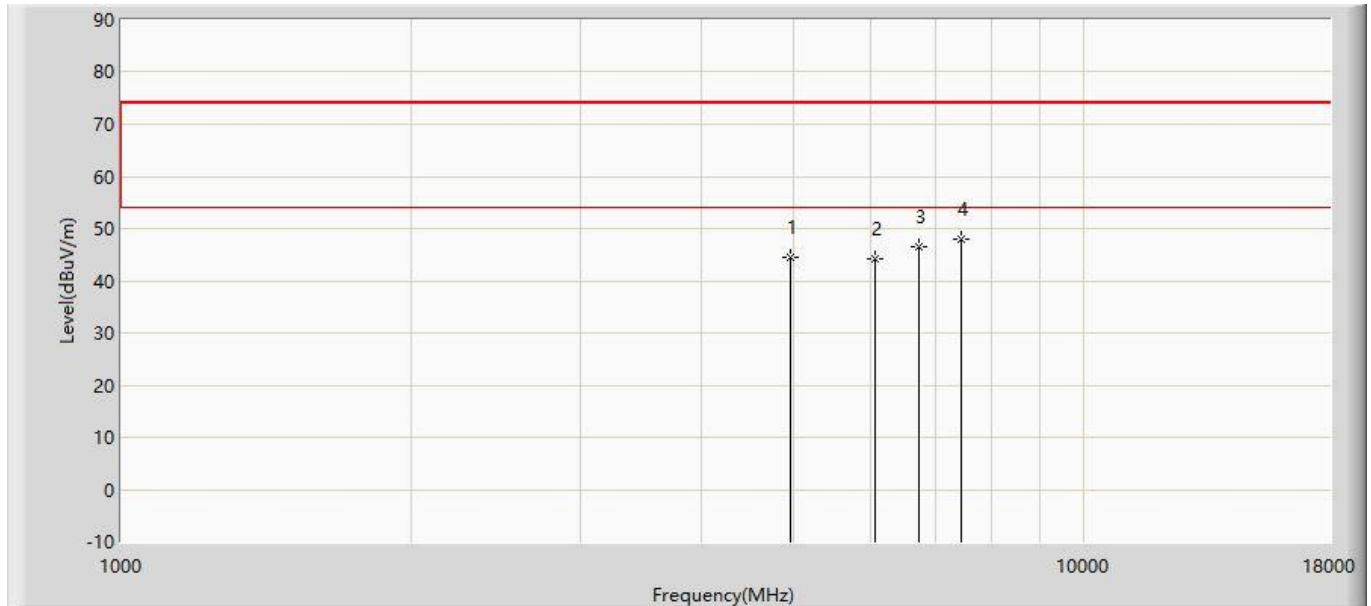


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	4884.500	49.867	46.394	-24.133	74.000	3.474	PK
2			5921.500	43.578	37.943	-30.422	74.000	5.636	PK
3			6797.000	46.022	36.617	-27.978	74.000	9.405	PK
4			7383.500	48.166	36.781	-25.834	74.000	11.386	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:41
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1362	

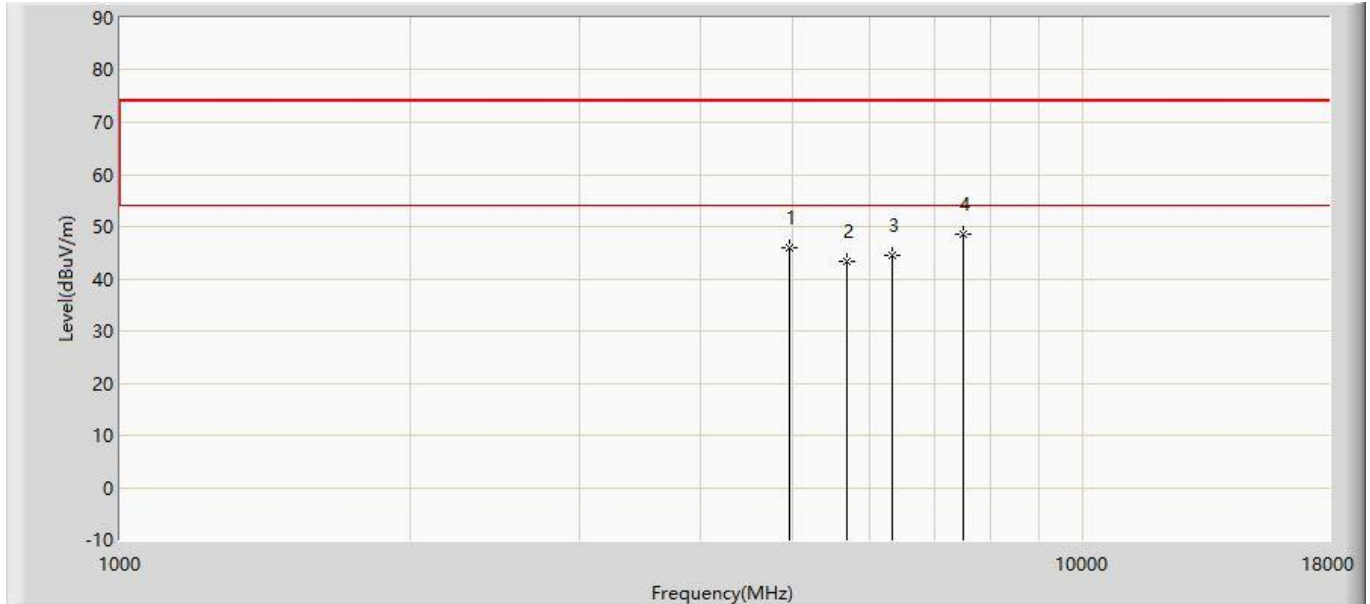


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4961.000	44.499	40.842	-29.501	74.000	3.657	PK
2			6066.000	44.267	38.086	-29.733	74.000	6.181	PK
3			6729.000	46.478	37.373	-27.522	74.000	9.105	PK
4		*	7443.000	47.881	36.328	-26.119	74.000	11.553	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:41
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1362	

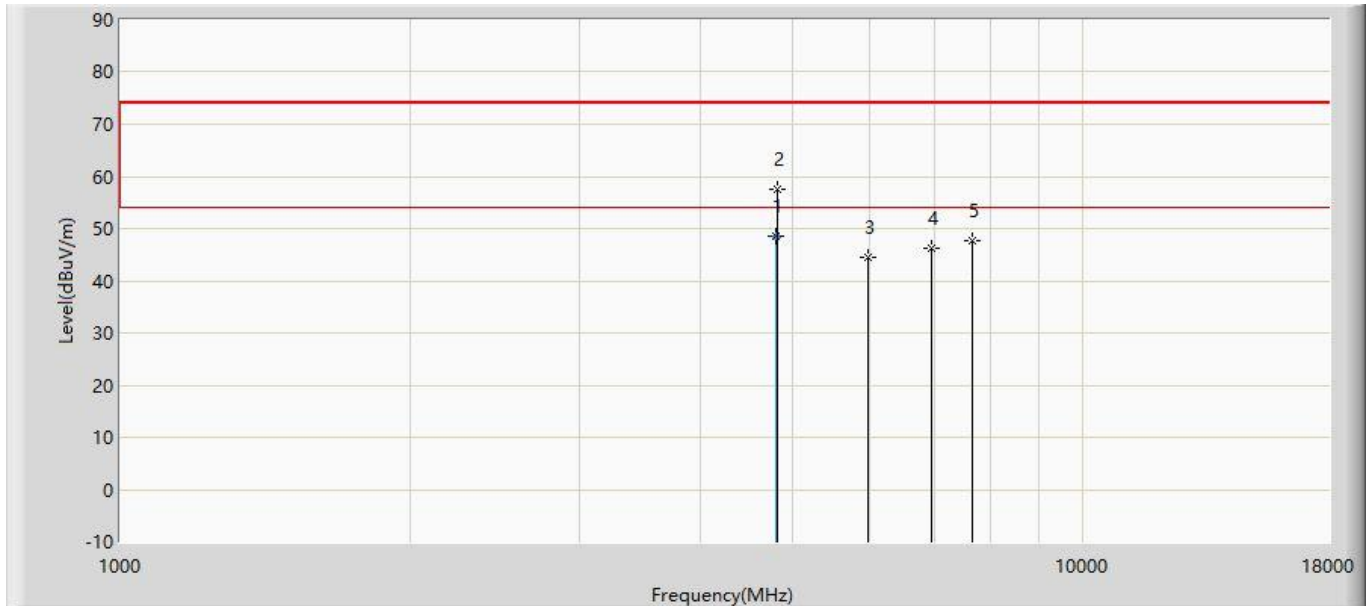


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4961.000	45.841	42.184	-28.159	74.000	3.657	PK
2			5675.000	43.273	38.436	-30.727	74.000	4.837	PK
3			6329.500	44.385	37.042	-29.615	74.000	7.342	PK
4		*	7511.000	48.671	36.938	-25.329	74.000	11.733	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:42
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1362	

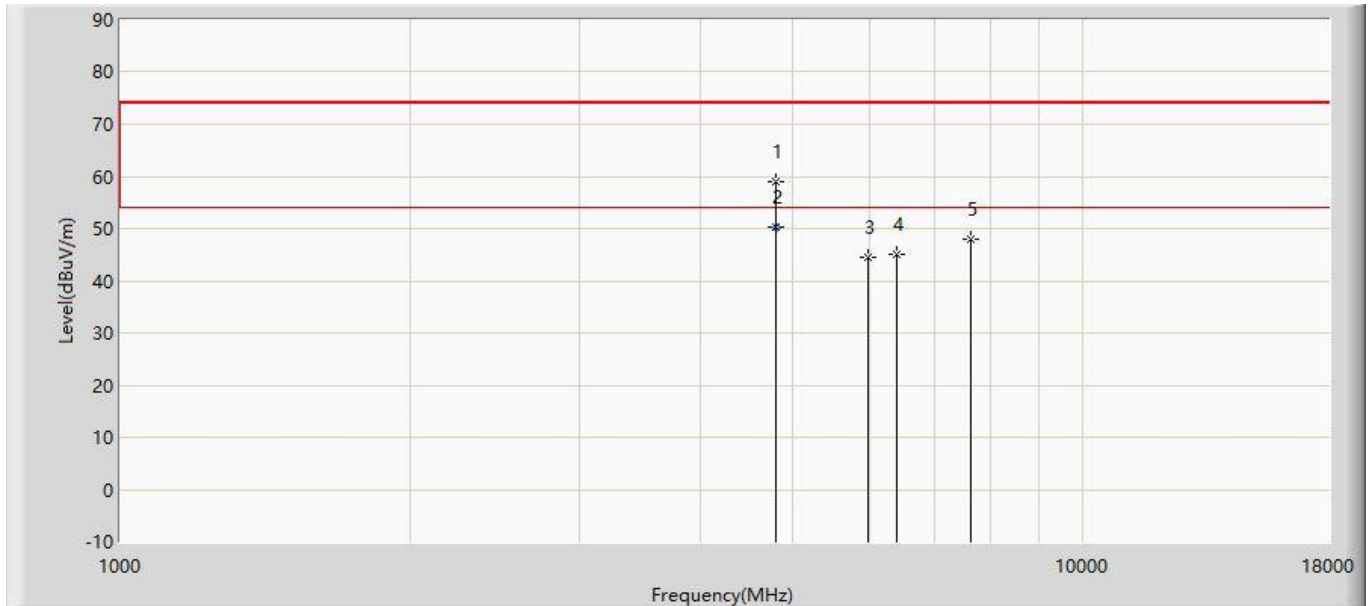


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	4803.880	48.510	45.230	-5.490	54.000	3.280	AV
2			4808.000	57.499	54.209	-16.501	74.000	3.290	PK
3			5972.500	44.548	38.747	-29.452	74.000	5.801	PK
4			6958.500	46.142	36.025	-27.858	74.000	10.117	PK
5			7664.000	47.812	35.830	-26.188	74.000	11.982	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:42
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1362	

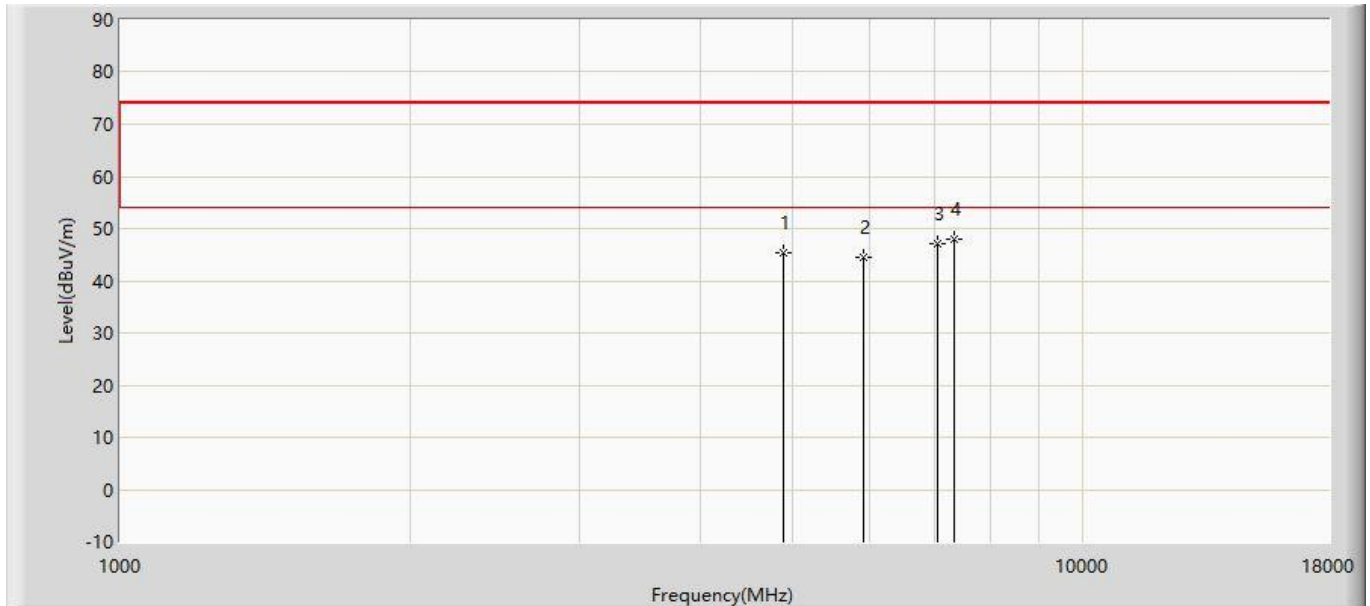


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4799.500	58.861	55.591	-15.139	74.000	3.270	PK
2		*	4803.890	50.210	46.930	-3.790	54.000	3.280	AV
3			5981.000	44.606	38.777	-29.394	74.000	5.829	PK
4			6397.500	45.068	37.425	-28.932	74.000	7.643	PK
5			7638.500	47.903	35.962	-26.097	74.000	11.941	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:42
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2440MHz with OAW-AP1362	

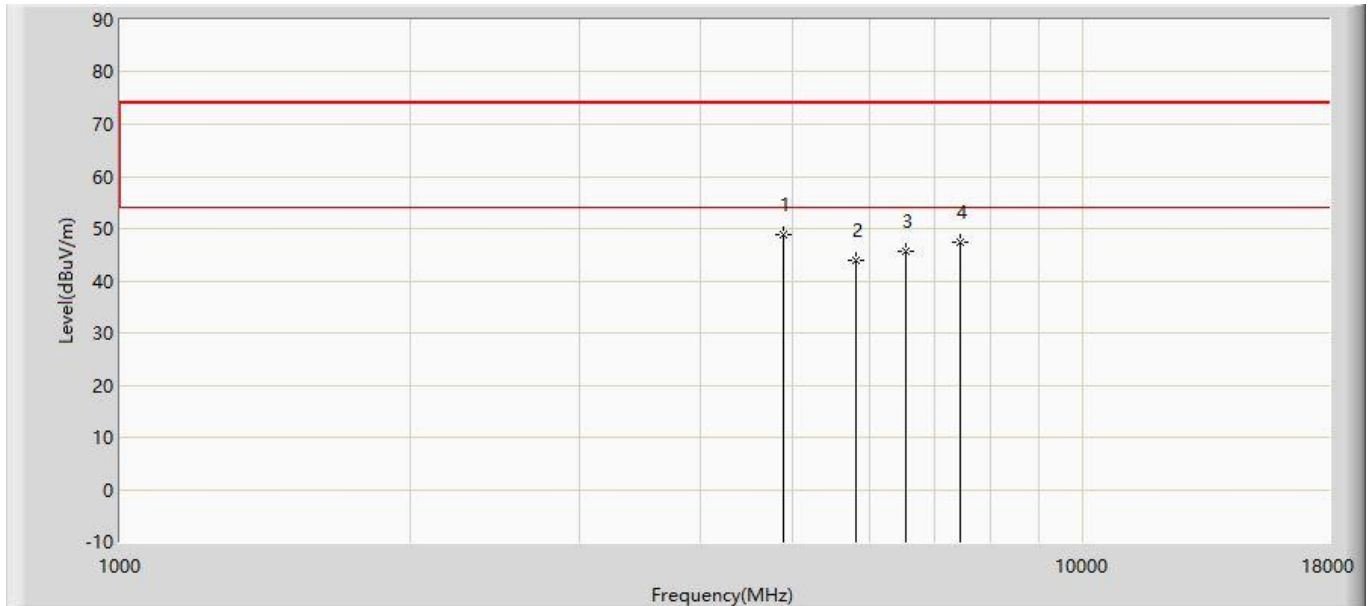


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4876.000	45.476	42.023	-28.524	74.000	3.453	PK
2			5913.000	44.383	38.776	-29.617	74.000	5.607	PK
3			7069.000	47.128	36.633	-26.872	74.000	10.495	PK
4		*	7341.000	47.982	36.717	-26.018	74.000	11.265	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:42
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2440MHz with OAW-AP1362	

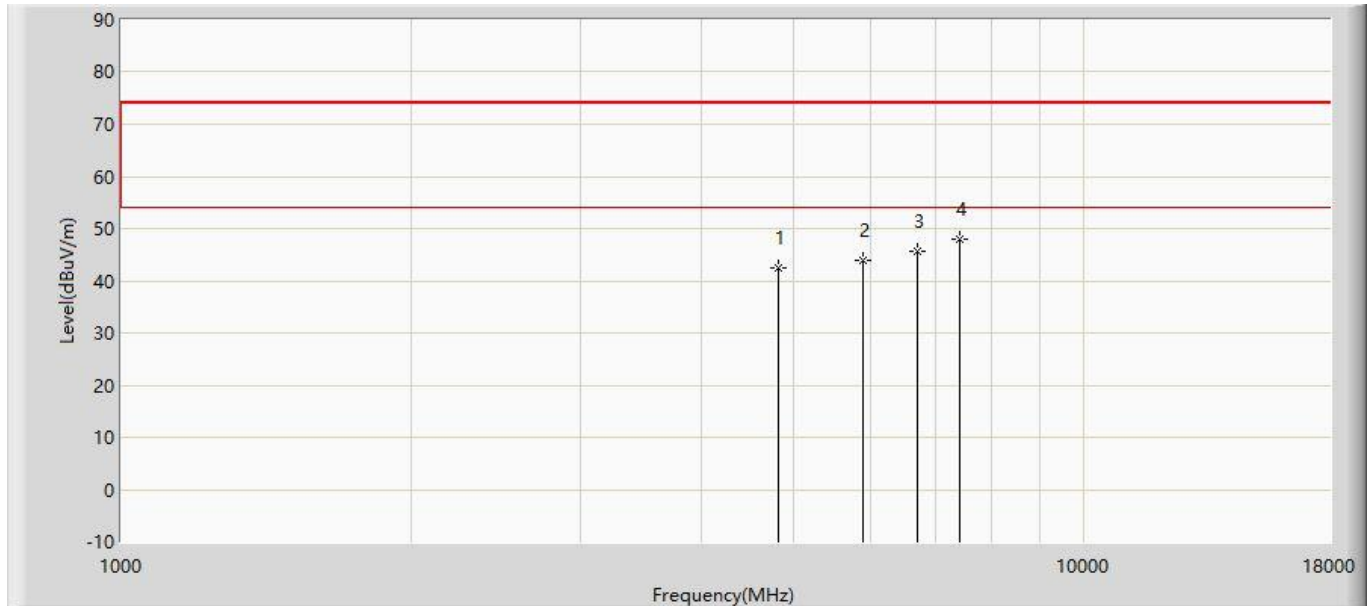


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	4884.500	48.956	45.483	-25.044	74.000	3.474	PK
2			5819.500	44.031	38.725	-29.969	74.000	5.305	PK
3			6533.500	45.620	37.377	-28.380	74.000	8.243	PK
4			7451.500	47.428	35.850	-26.572	74.000	11.577	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:42
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1362	

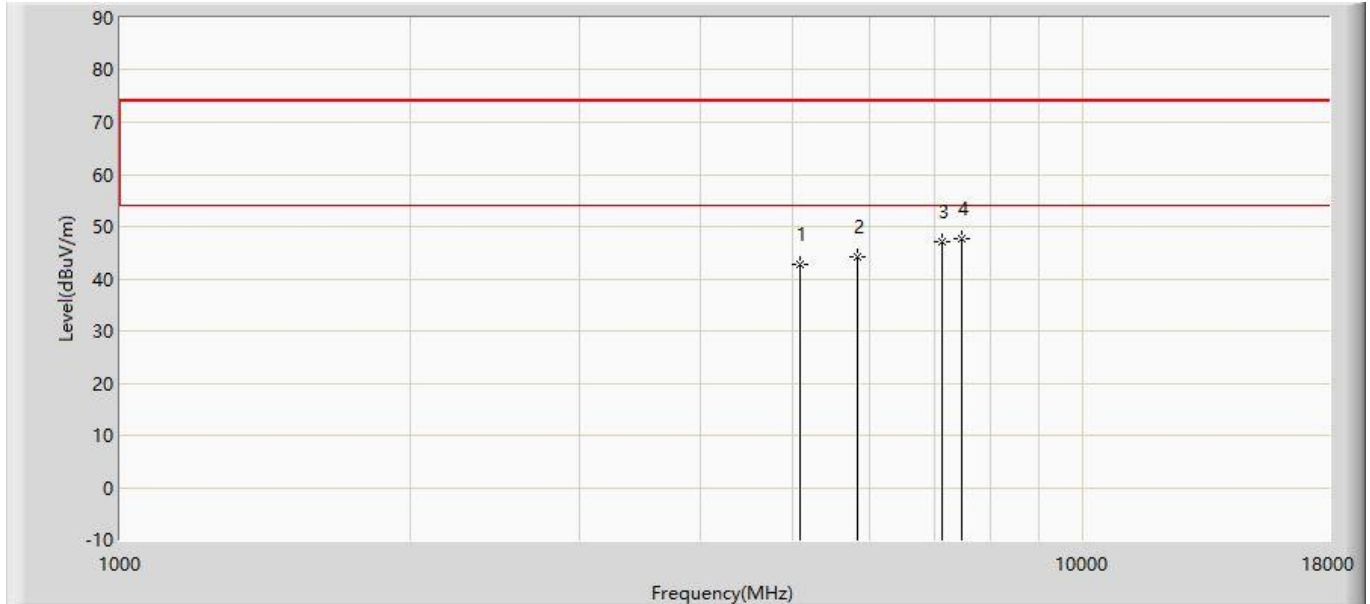


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4808.000	42.372	39.082	-31.628	74.000	3.290	PK
2			5896.000	43.802	38.249	-30.198	74.000	5.553	PK
3			6703.500	45.619	36.627	-28.381	74.000	8.992	PK
4		*	7434.500	48.041	36.512	-25.959	74.000	11.529	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2020/05/21 - 10:42
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1362	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5088.500	42.846	39.004	-31.154	74.000	3.842	PK
2			5828.000	44.279	38.946	-29.721	74.000	5.333	PK
3			7128.500	47.090	36.427	-26.910	74.000	10.662	PK
4		*	7477.000	47.539	35.889	-26.461	74.000	11.650	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

5.6 頻帶邊緣

5.6.1 量測方法

待測物置於非導體桌面（落地型產品置於地上），受測物使用交流電源時，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。受測物使用電池時，測試時應裝置新電池或充電完全的電池。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。桌面可360度旋轉，接收天線置於距待測物3m距離，高度可在1至4公尺間變動，以量測待測物之最大輻射電場強度，接收天線並應於水平及垂直極化方向各量測一次。（待測物擺設方式根據ANSI C63.10-2013版本，待測物放置桌中心，1G以下擺設高度為80cm/1G以上擺設高度為150cm）

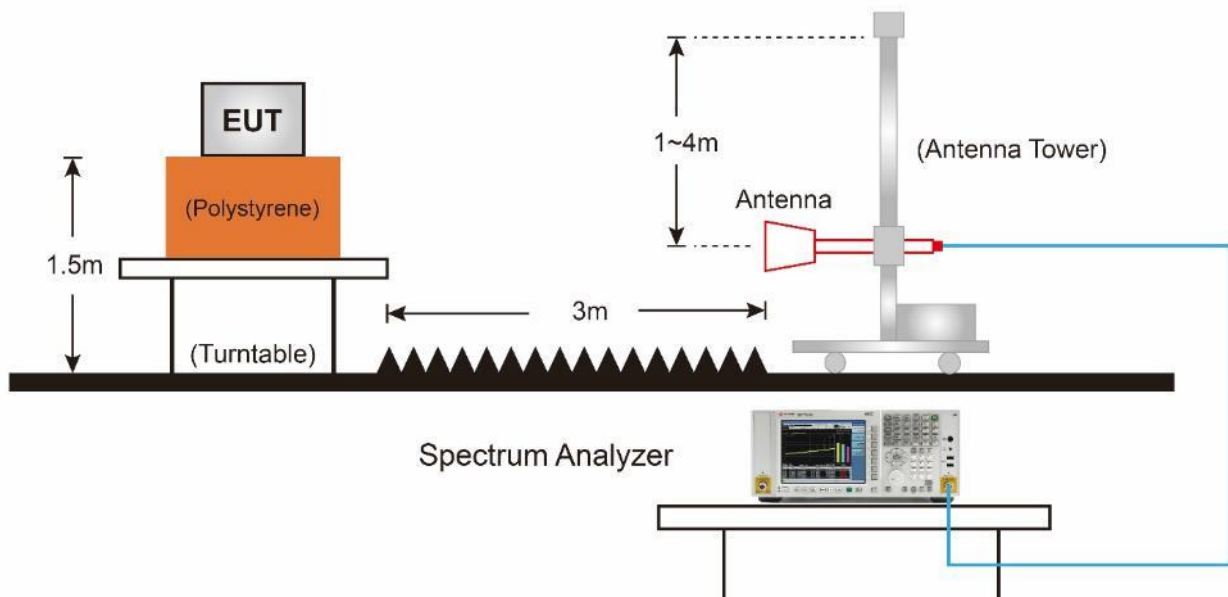
- (1) 任一頻率小於或等於1000 MHz 之訊號,使用CISPR準峰值檢波器
- (2) 任一頻率大於1000 MHz 之訊號，使用平均值檢波器測量，當規定之發射限制值為平均值時(含1000 MHz 以下)，受測訊號藉由峰值檢波器(RBW:1MHz,VBW:3MHz)所測量之峰值，亦須符合峰值發射限制值，其峰值發射限制值為最大容許平均值加20 dB。

5.6.2 限制要求

除低功率射頻電機技術規範另有規定外，任何低功率射頻電機之主波皆不得使用下表所列各頻段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低功率射頻電機技術規範之第2.8節限制規定

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

5.6.3 測試架構圖

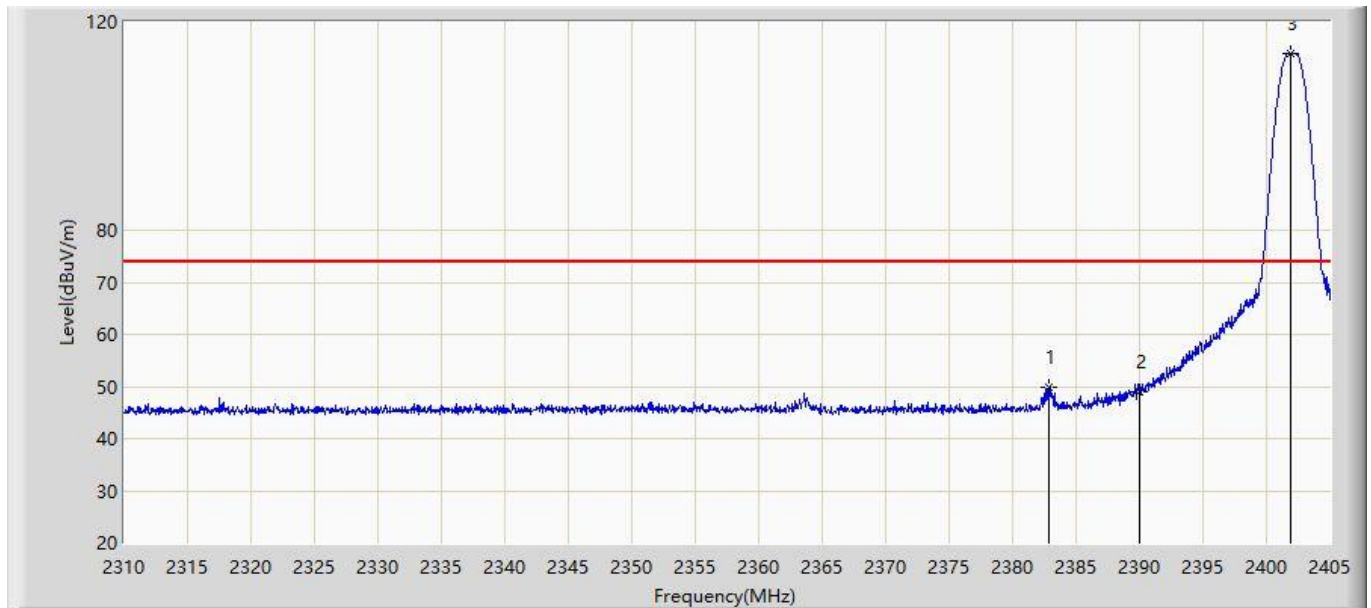


備 註: 使用頻率範圍外之任意 100 千赫雜訊, 使用輻射方式測量, 6 dB 頻寬使用 1MHz 遠大於 100kHz 仍可 PASS, 檢附其測試數據。

5.6.4 頻帶邊緣測試結果

Mode No.: OAW-AP1361

Site: AC1	Time: 2020/05/20 - 21:24
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361	

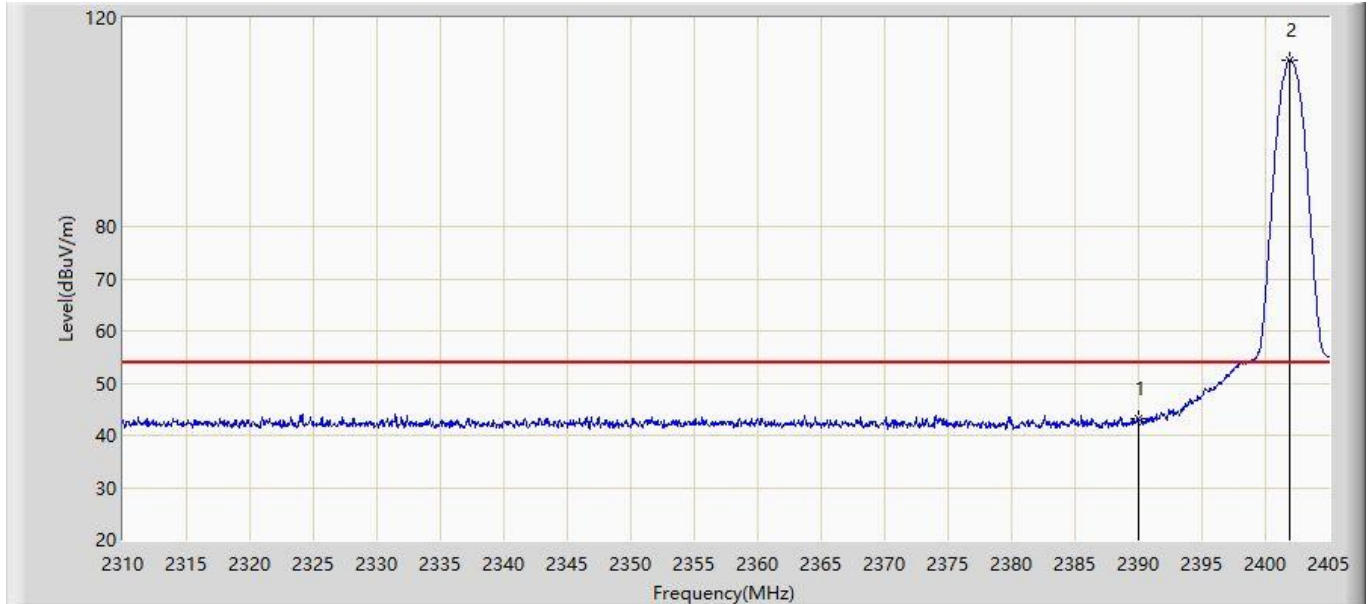


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.817	49.748	17.484	-24.252	74.000	32.264	PK
2			2390.000	49.002	16.706	-24.998	74.000	32.296	PK
3		*	2401.865	113.956	81.608	N/A	N/A	32.348	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 21:27
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361	

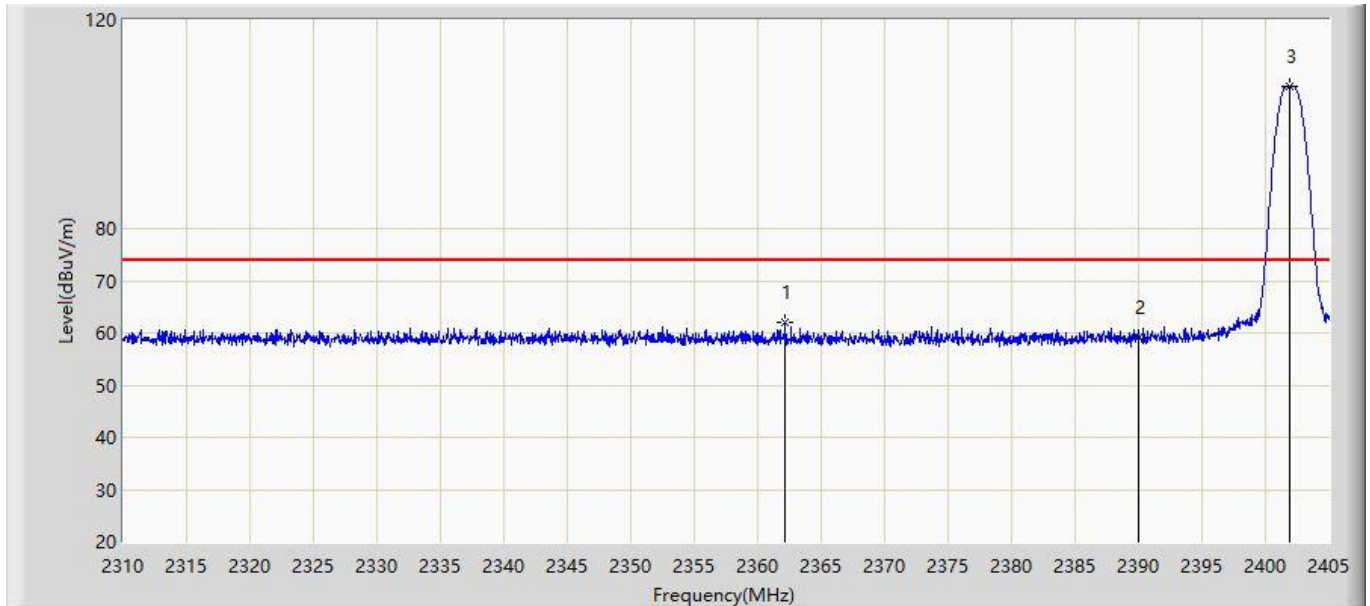


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.119	10.823	-10.881	54.000	32.296	AV
2	X	*	2401.865	111.883	79.535	N/A	N/A	32.348	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 21:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361	

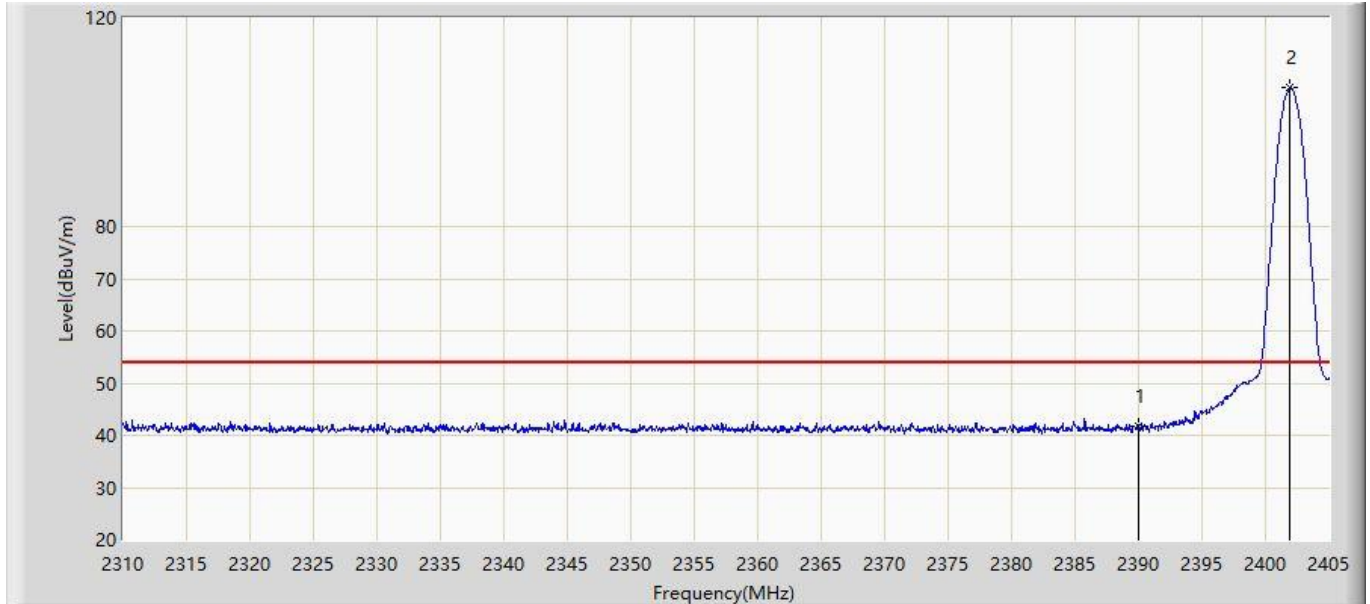


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2362.155	62.105	29.931	-11.895	74.000	32.174	PK
2			2390.000	59.206	26.910	-14.794	74.000	32.296	PK
3		*	2401.865	107.232	74.884	N/A	N/A	32.348	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 21:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361	

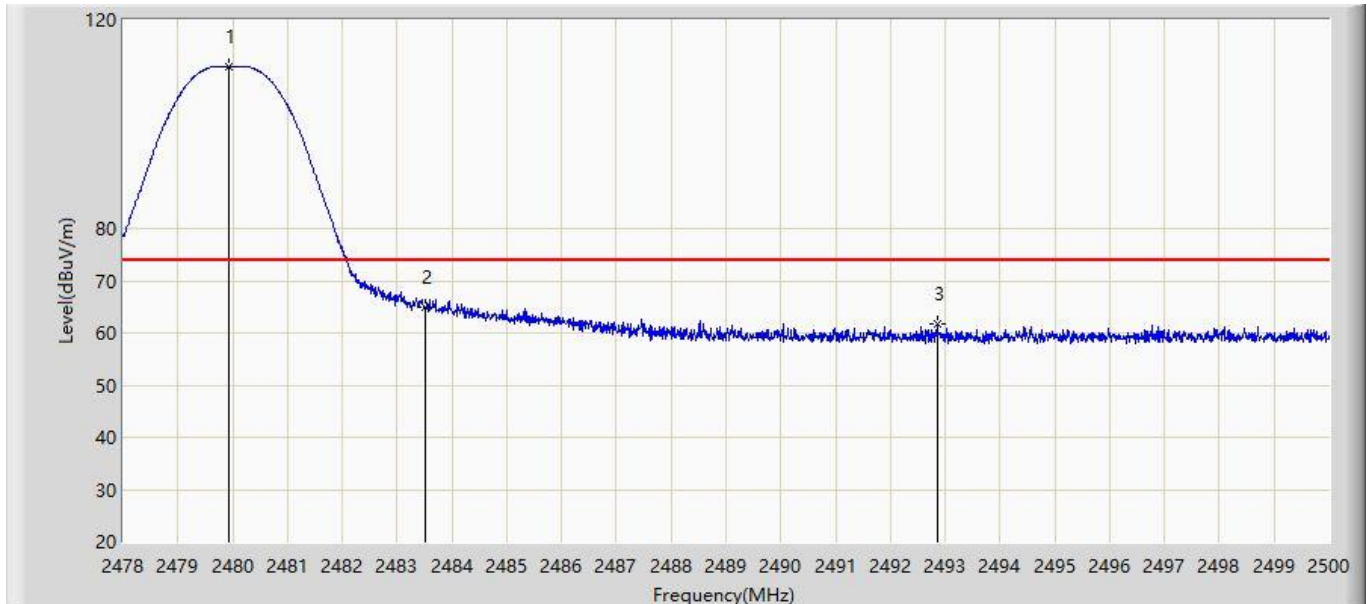


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	41.650	9.354	-12.350	54.000	32.296	AV
2		*	2401.960	106.571	74.222	N/A	N/A	32.348	AV

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 21:53
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361	

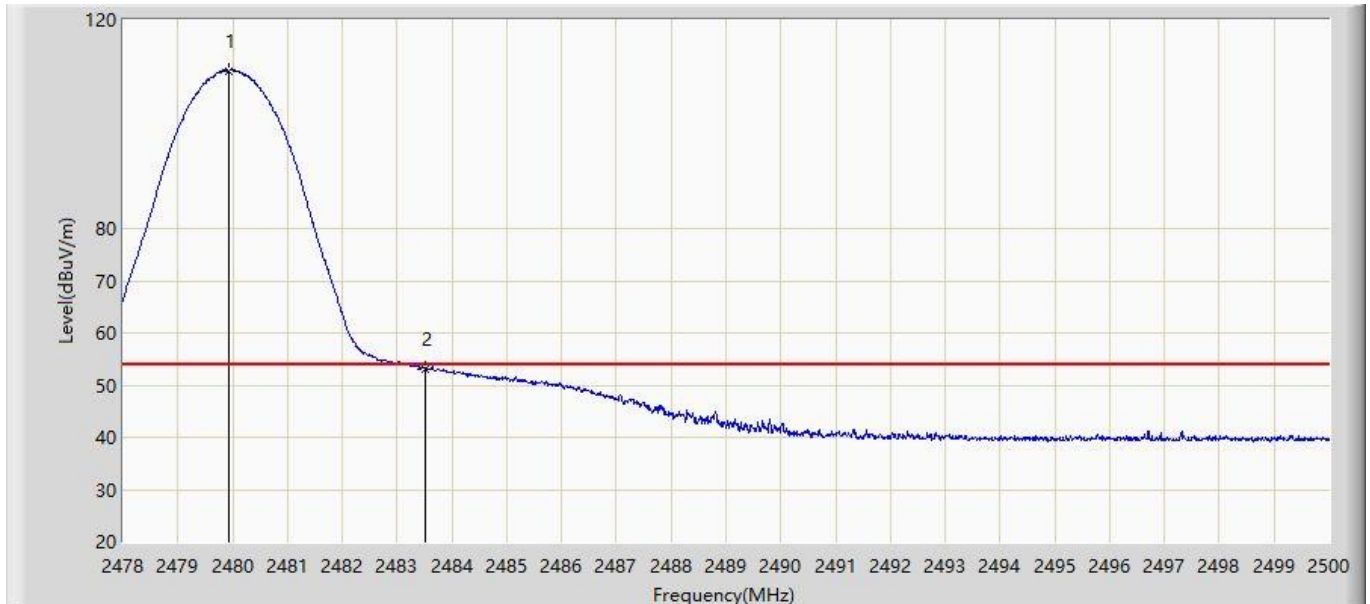


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	110.967	78.275	N/A	N/A	32.692	PK
2			2483.500	65.051	32.343	-8.949	74.000	32.707	PK
3			2492.861	61.694	28.946	-12.306	74.000	32.748	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 21:58
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361	

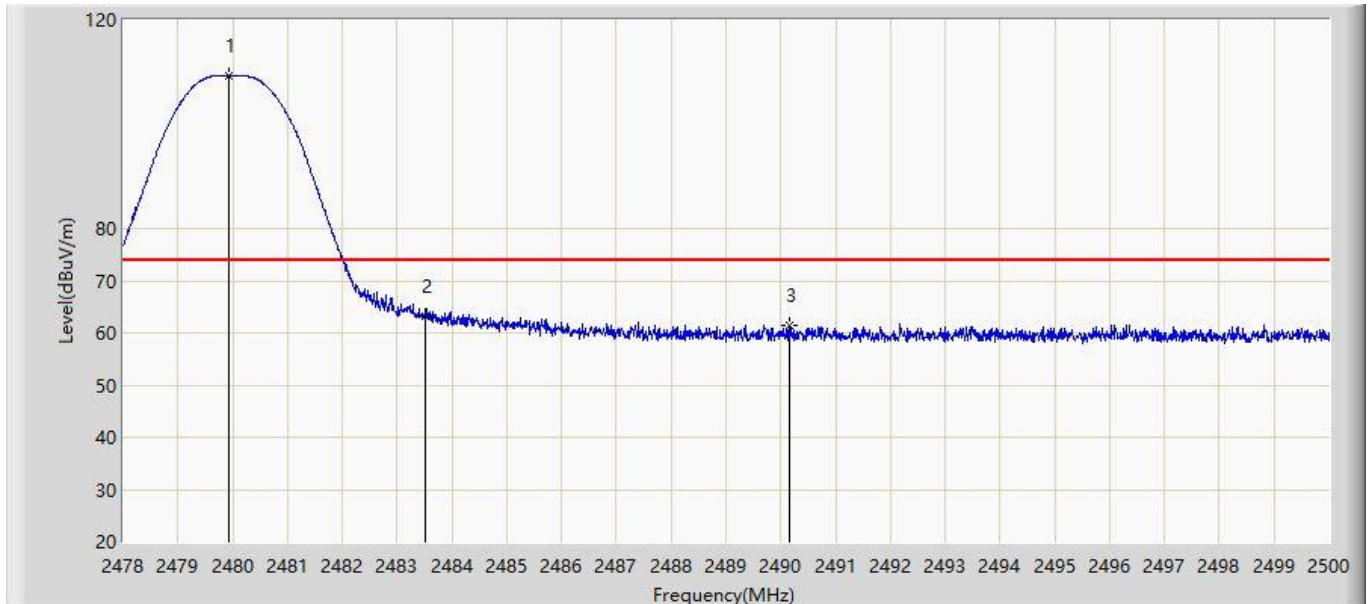


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2479.936	110.221	77.529	N/A	N/A	32.692	AV
2			2483.500	53.086	20.378	-0.914	54.000	32.707	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 21:59
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361	

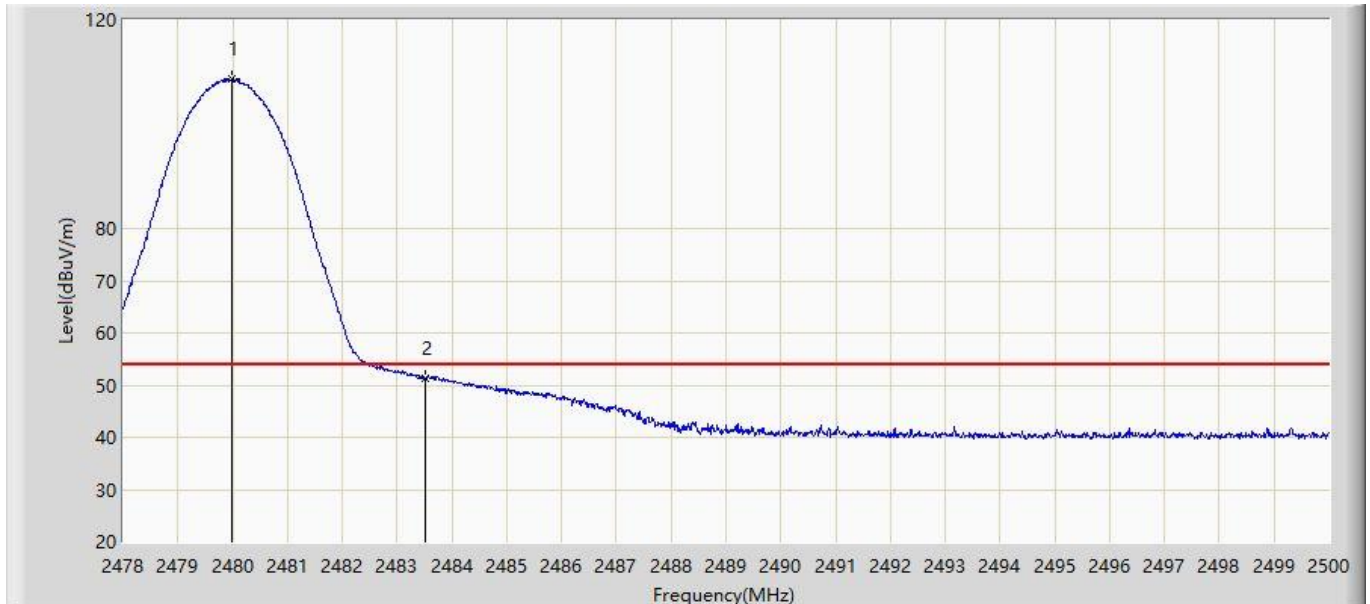


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	109.143	76.451	N/A	N/A	32.692	PK
2			2483.500	63.206	30.498	-10.794	74.000	32.707	PK
3			2490.155	61.576	28.839	-12.424	74.000	32.736	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 22:03
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361	

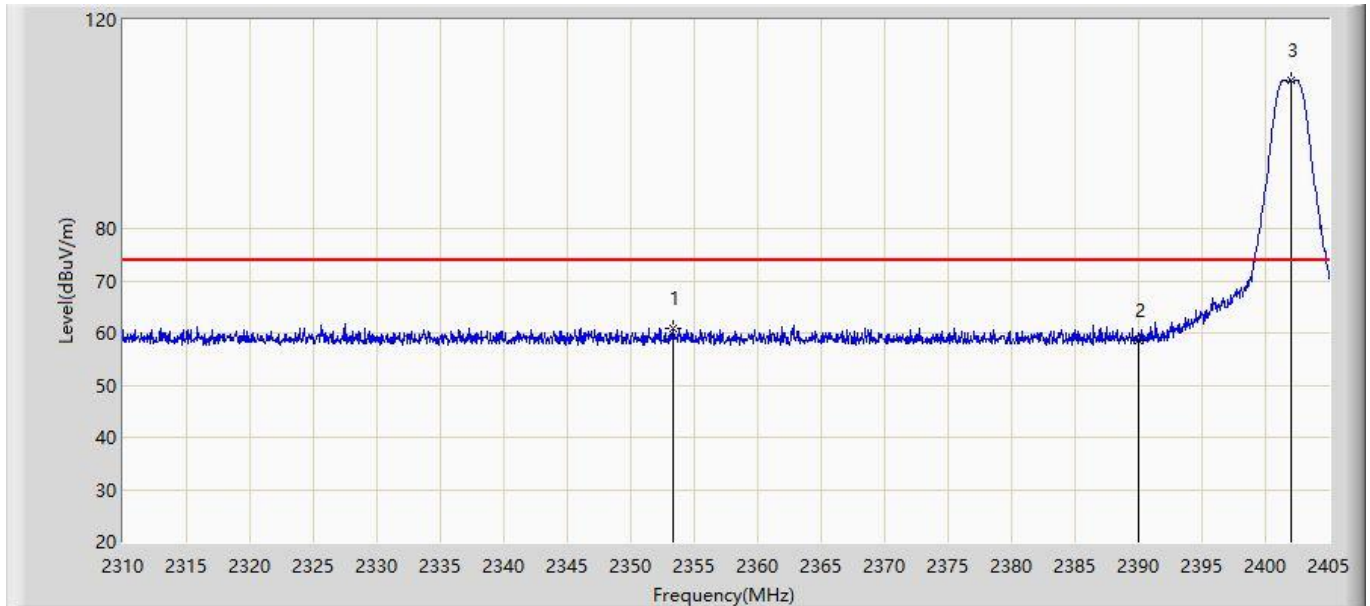


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2479.991	108.694	76.002	N/A	N/A	32.692	AV
2			2483.500	51.393	18.685	-2.607	54.000	32.707	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 22:05
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361	

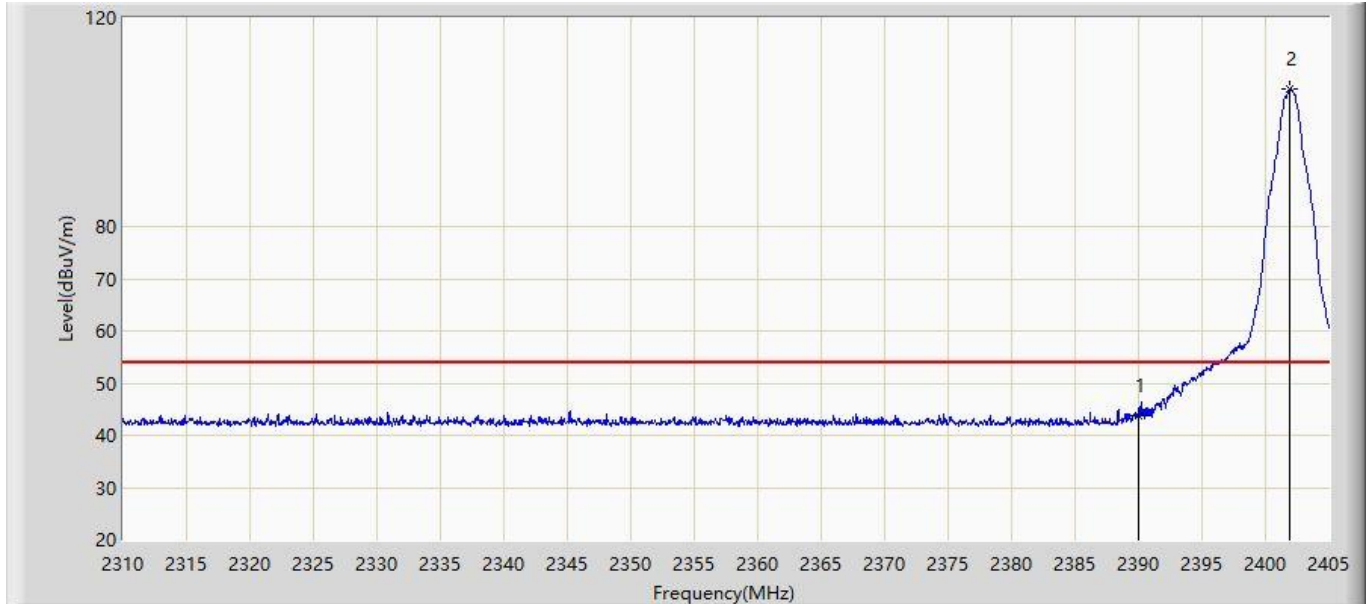


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2353.367	60.863	28.728	-13.137	74.000	32.135	PK
2			2390.000	58.533	26.237	-15.467	74.000	32.296	PK
3		*	2402.055	108.423	76.074	N/A	N/A	32.349	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 22:25
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361	

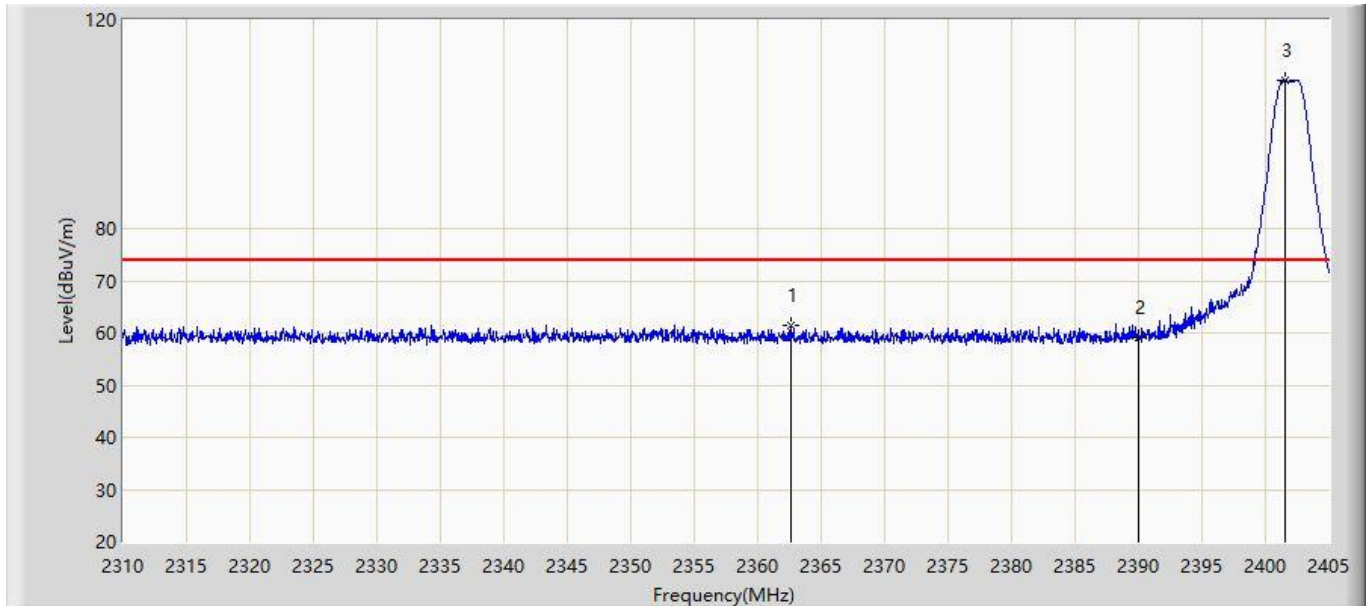


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.631	11.335	-10.369	54.000	32.296	AV
2		*	2401.960	106.506	74.157	N/A	N/A	32.348	AV

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 22:28
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361	

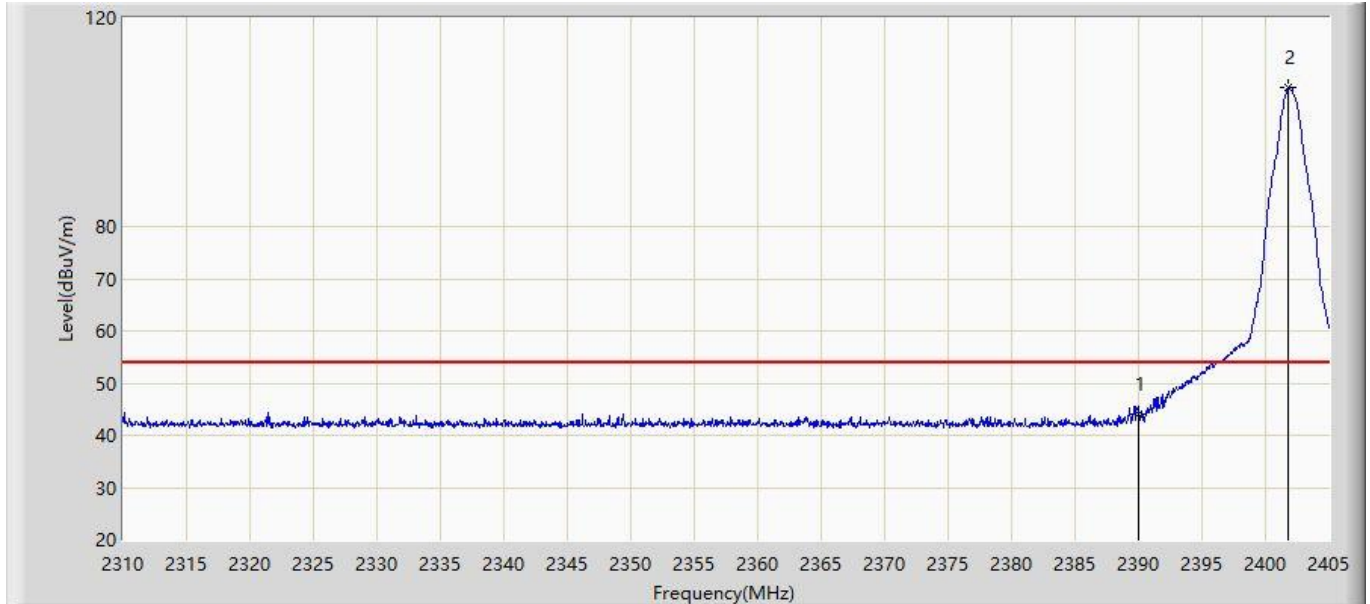


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2362.677	61.382	29.206	-12.618	74.000	32.176	PK
2			2390.000	59.167	26.871	-14.833	74.000	32.296	PK
3		*	2401.532	108.453	76.106	N/A	N/A	32.347	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 22:29
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361	

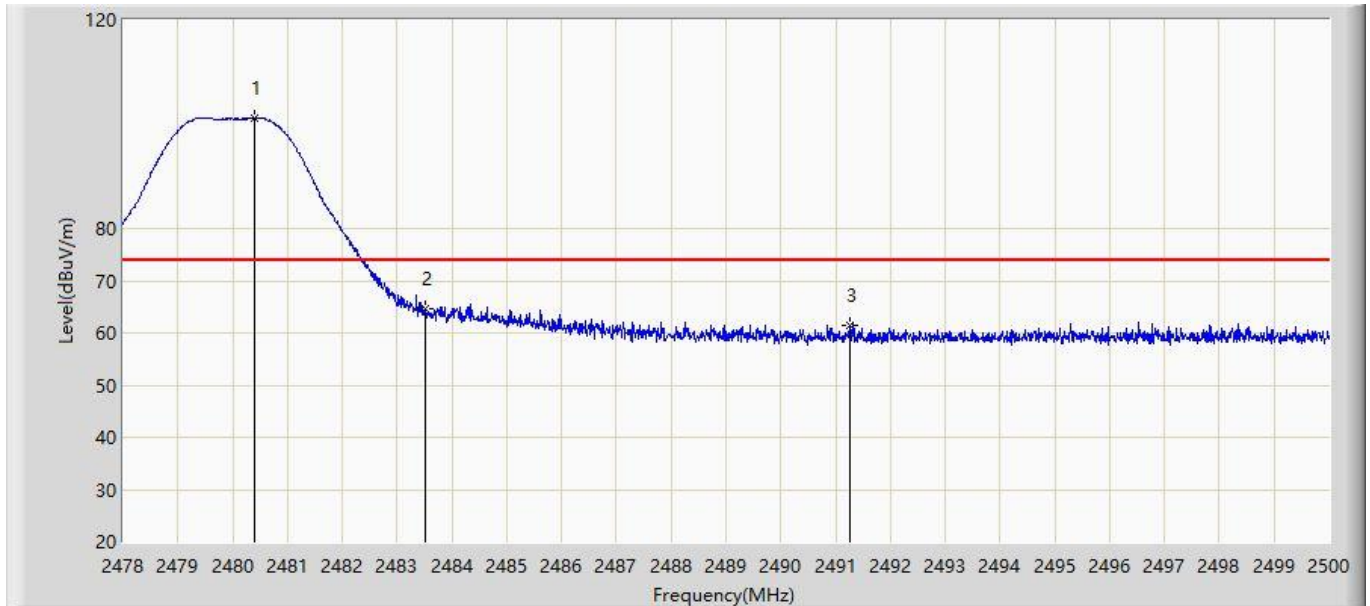


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.187	11.891	-9.813	54.000	32.296	AV
2		*	2401.817	106.577	74.229	N/A	N/A	32.348	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 22:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361	

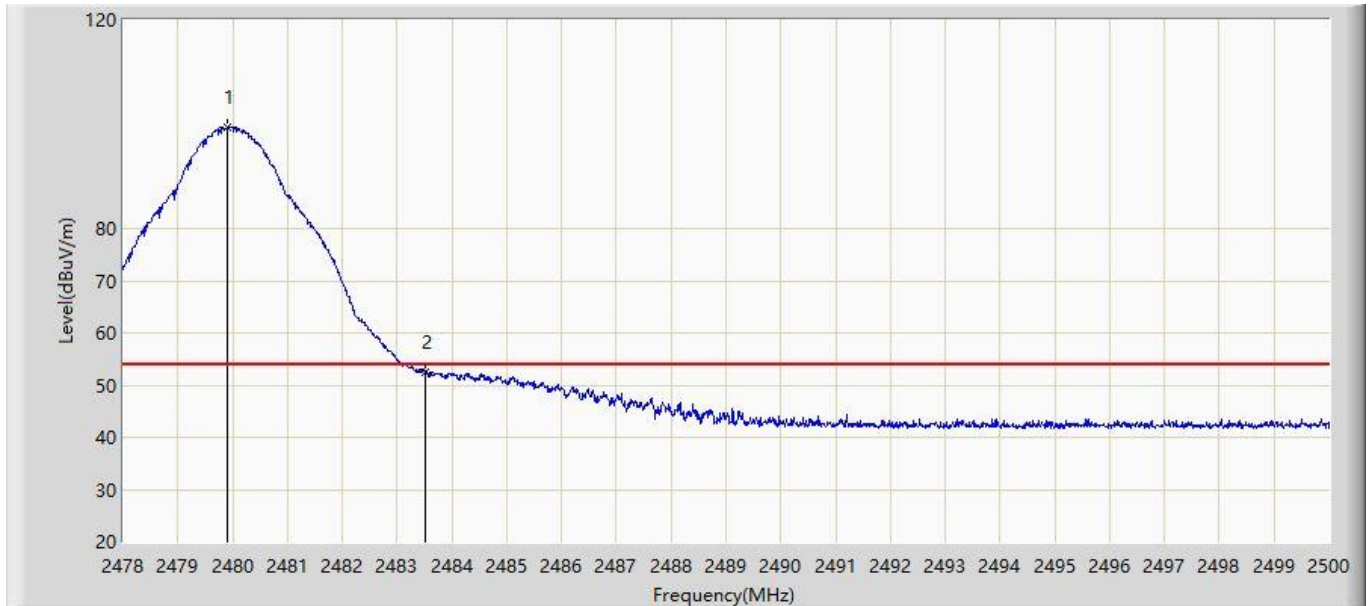


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.387	101.224	68.530	N/A	N/A	32.694	PK
2			2483.500	64.564	31.856	-9.436	74.000	32.707	PK
3			2491.266	61.506	28.765	-12.494	74.000	32.741	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 22:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361	

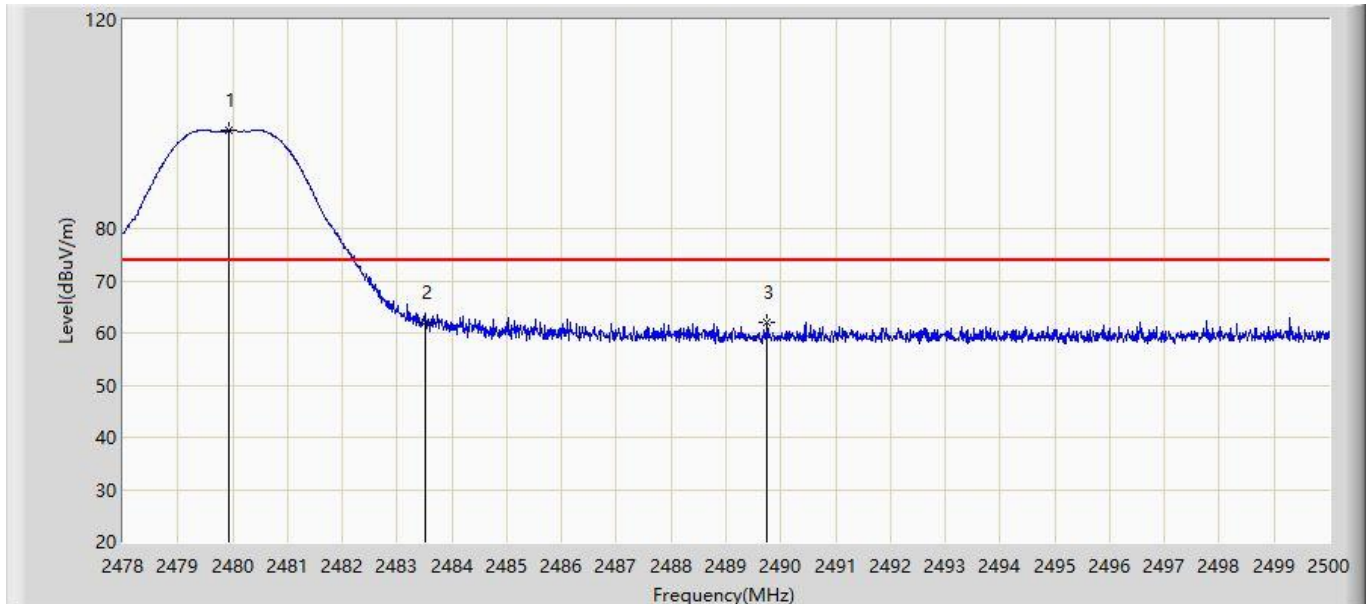


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.914	99.390	66.698	N/A	N/A	32.692	AV
2			2483.500	52.446	19.738	-1.554	54.000	32.707	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 22:52
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361	

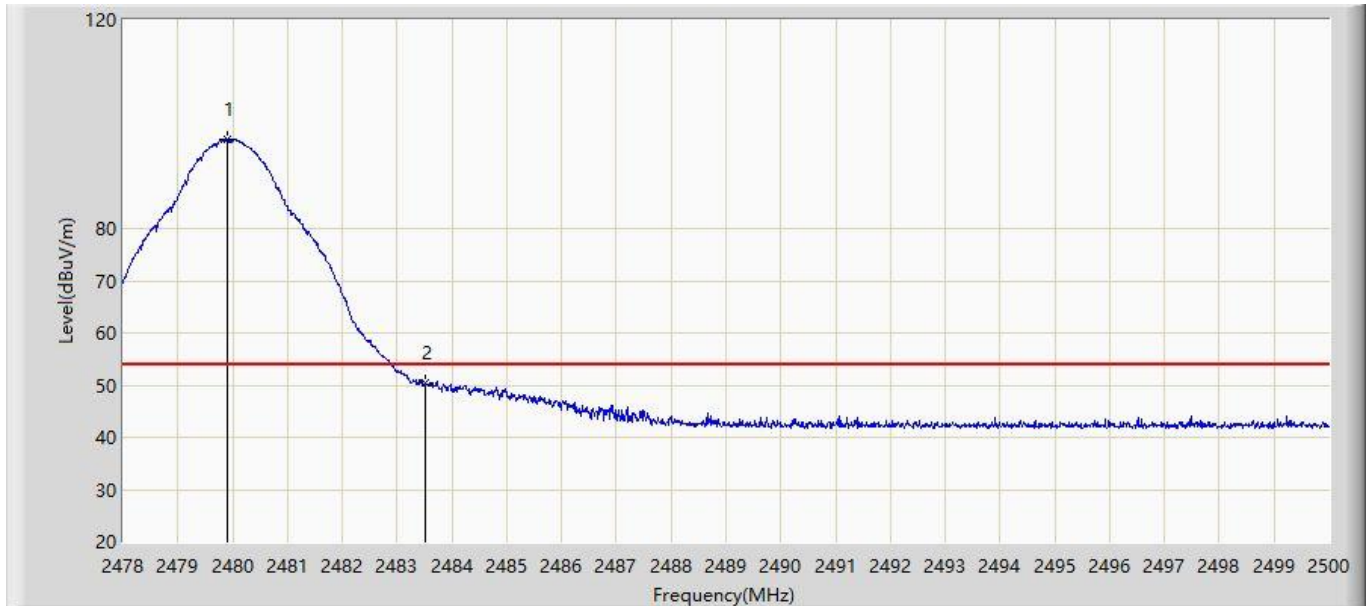


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	98.832	66.140	N/A	N/A	32.692	PK
2			2483.500	62.068	29.360	-11.932	74.000	32.707	PK
3			2489.748	61.945	29.210	-12.055	74.000	32.735	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/20 - 22:54
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361	



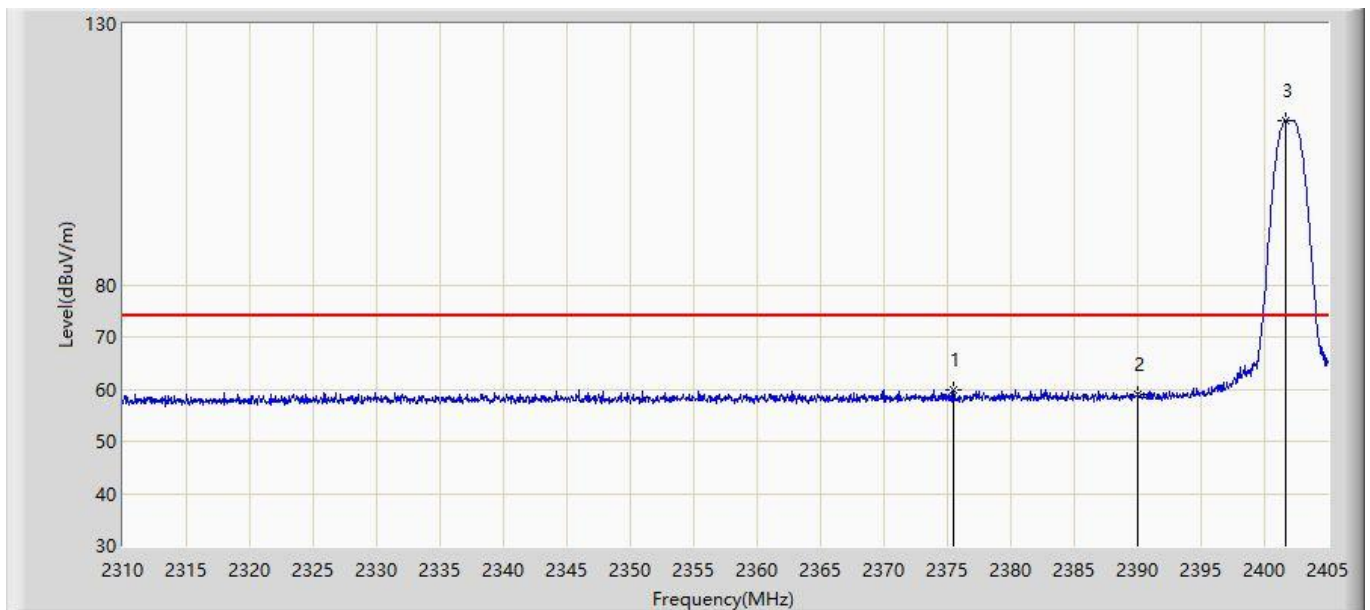
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	97.004	64.312	N/A	N/A	32.692	AV
2			2483.500	50.369	17.661	-3.631	54.000	32.707	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Mode No.: OAW-AP1361D

Site: AC1	Time: 2020/04/02 - 14:12
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361D	

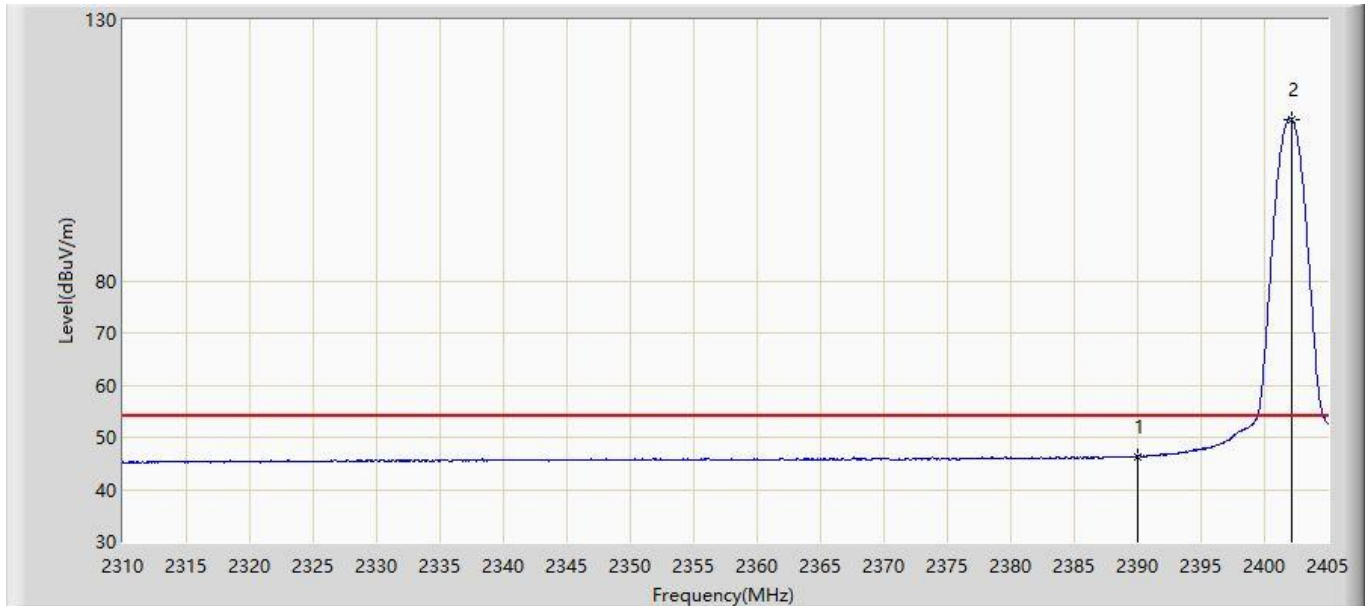


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.502	59.892	27.685	-14.108	74.000	32.207	PK
2			2390.000	58.981	26.707	-15.019	74.000	32.274	PK
3		*	2401.675	111.545	79.217	N/A	N/A	32.328	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 14:18
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361D	

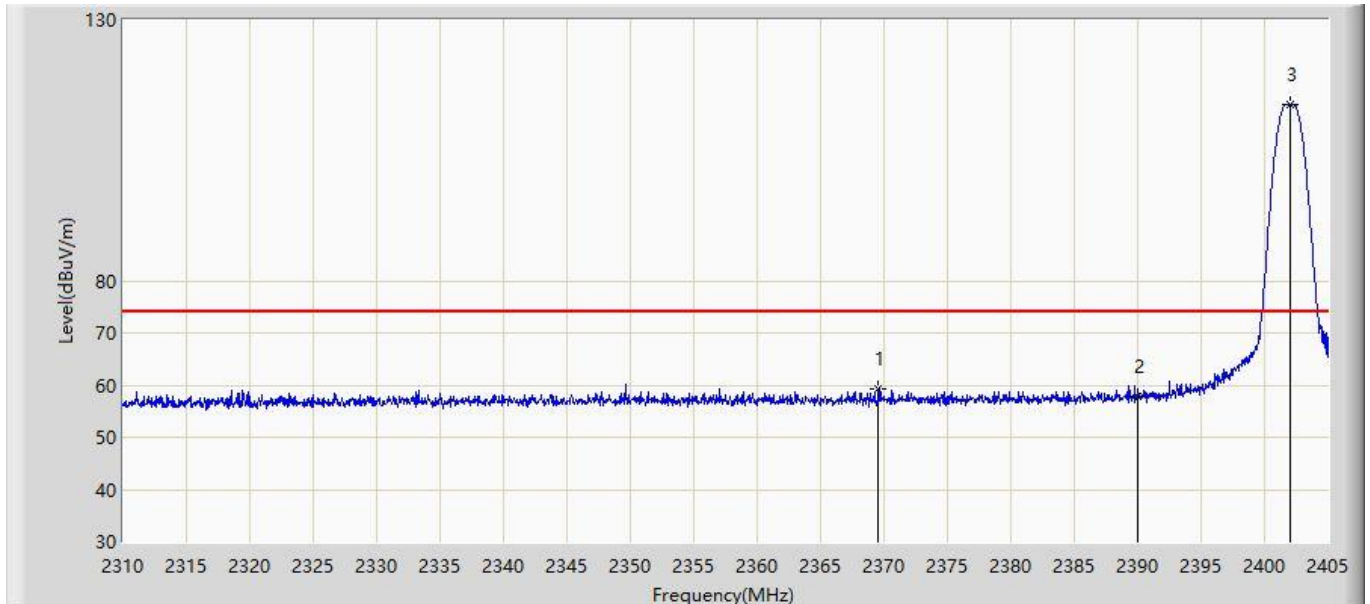


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.339	15.335	-7.661	54.000	31.004	AV
2	X	*	2402.150	110.942	79.929	N/A	N/A	31.013	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:00
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361D	

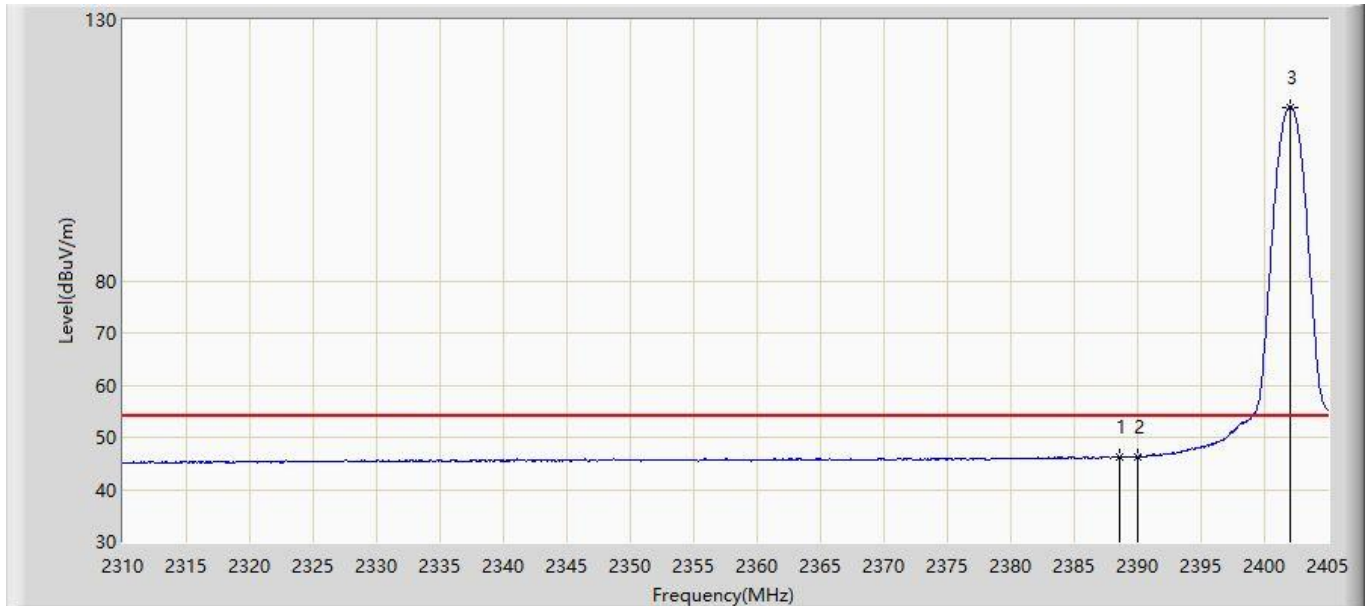


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2369.518	59.383	28.422	-14.617	74.000	30.961	PK
2			2390.000	57.956	26.952	-16.044	74.000	31.004	PK
3		*	2402.008	113.886	82.873	N/A	N/A	31.013	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:06
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1361D	

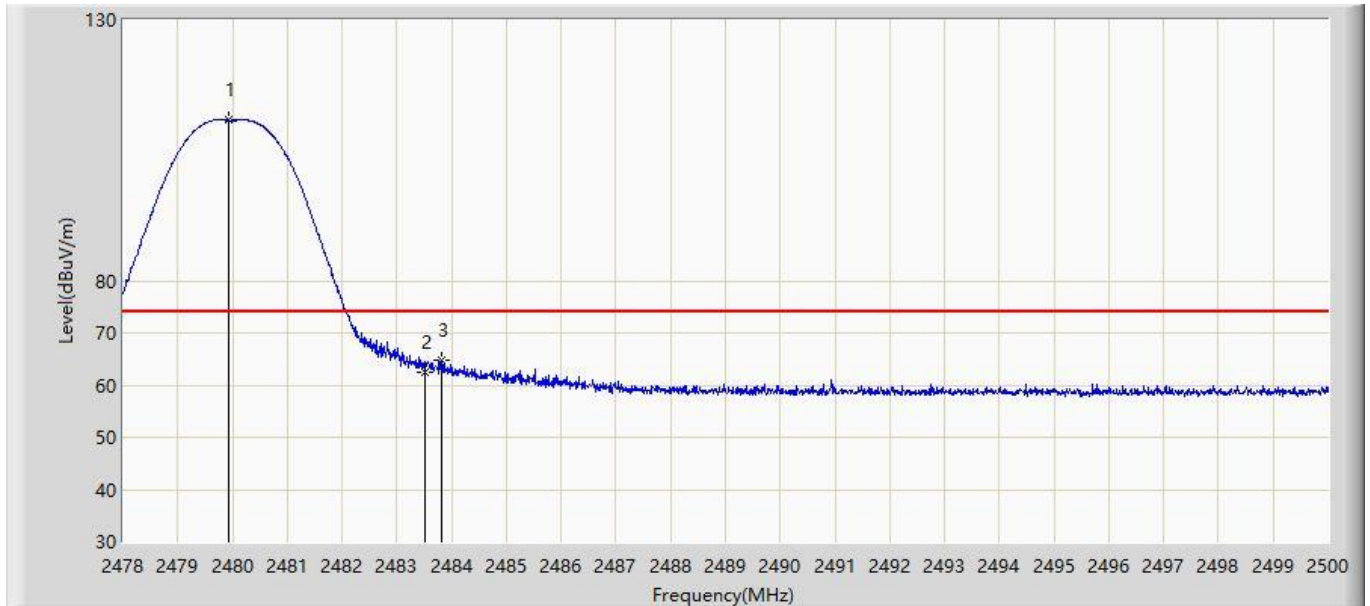


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.613	46.358	15.357	-7.642	54.000	31.001	AV
2			2390.000	46.320	15.316	-7.680	54.000	31.004	AV
3	X	*	2402.008	113.331	82.318	N/A	N/A	31.013	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:25
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361D	

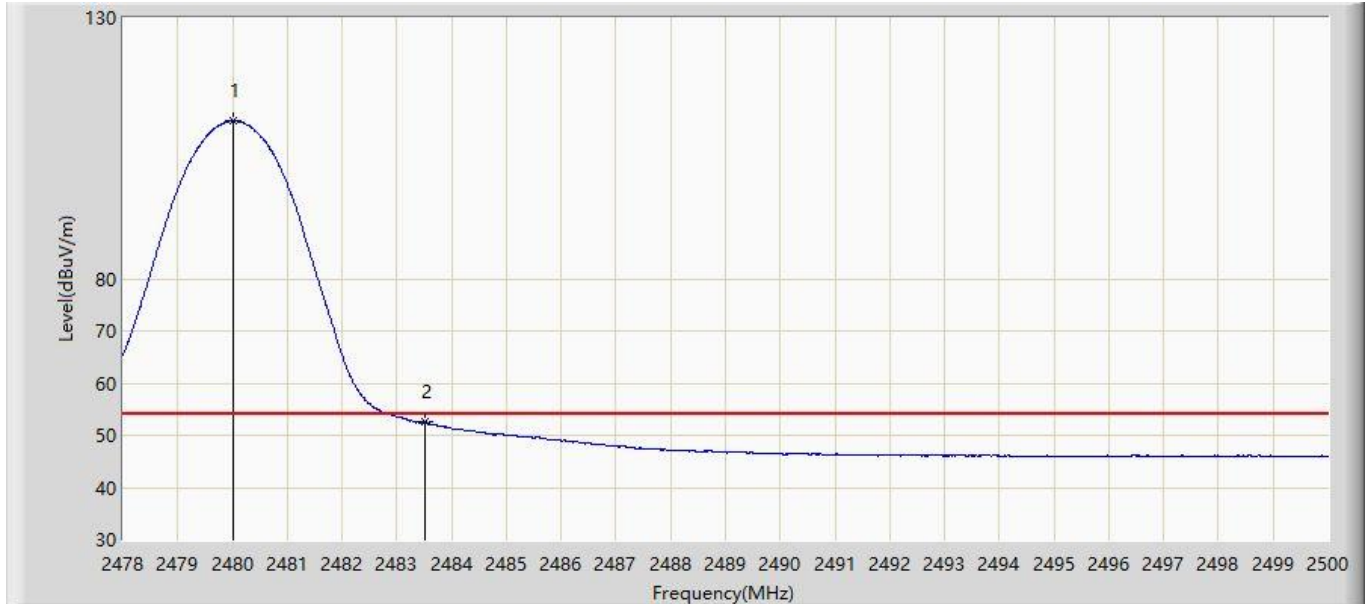


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	110.753	79.938	N/A	N/A	30.814	PK
2			2483.500	62.581	31.779	-11.419	74.000	30.802	PK
3			2483.819	64.873	34.072	-9.127	74.000	30.801	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:23
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361D	

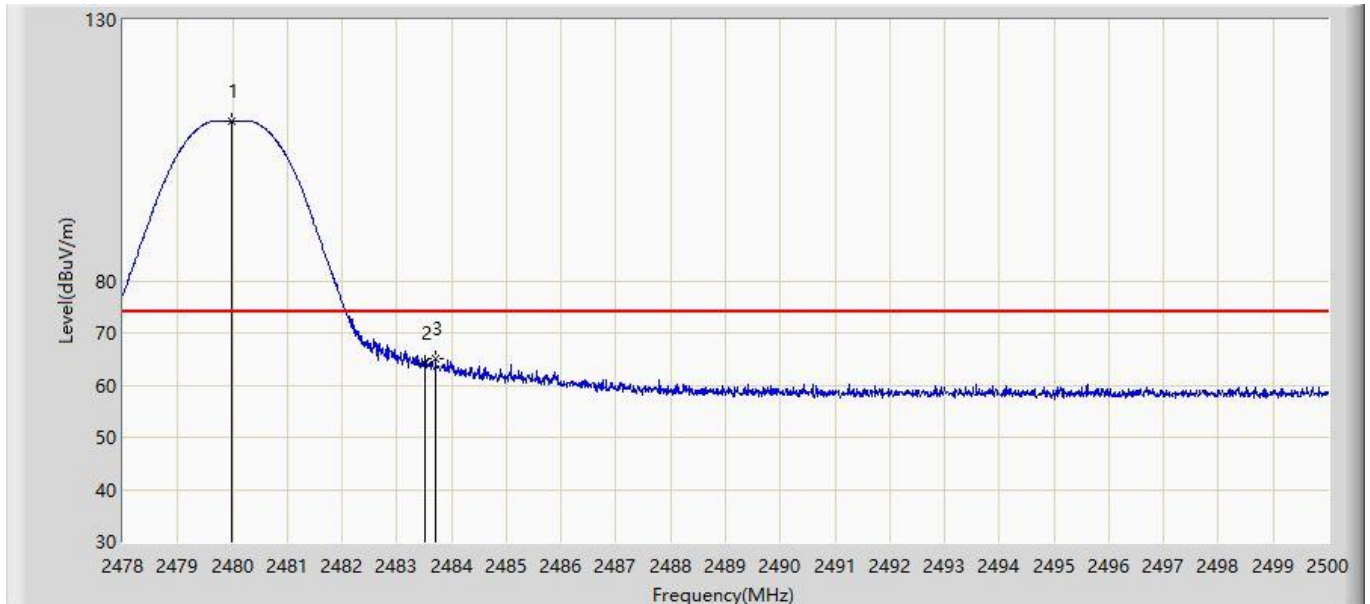


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2480.002	110.242	77.554	N/A	N/A	32.688	AV
2			2483.500	52.519	21.717	-1.481	54.000	30.802	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:28
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361D	

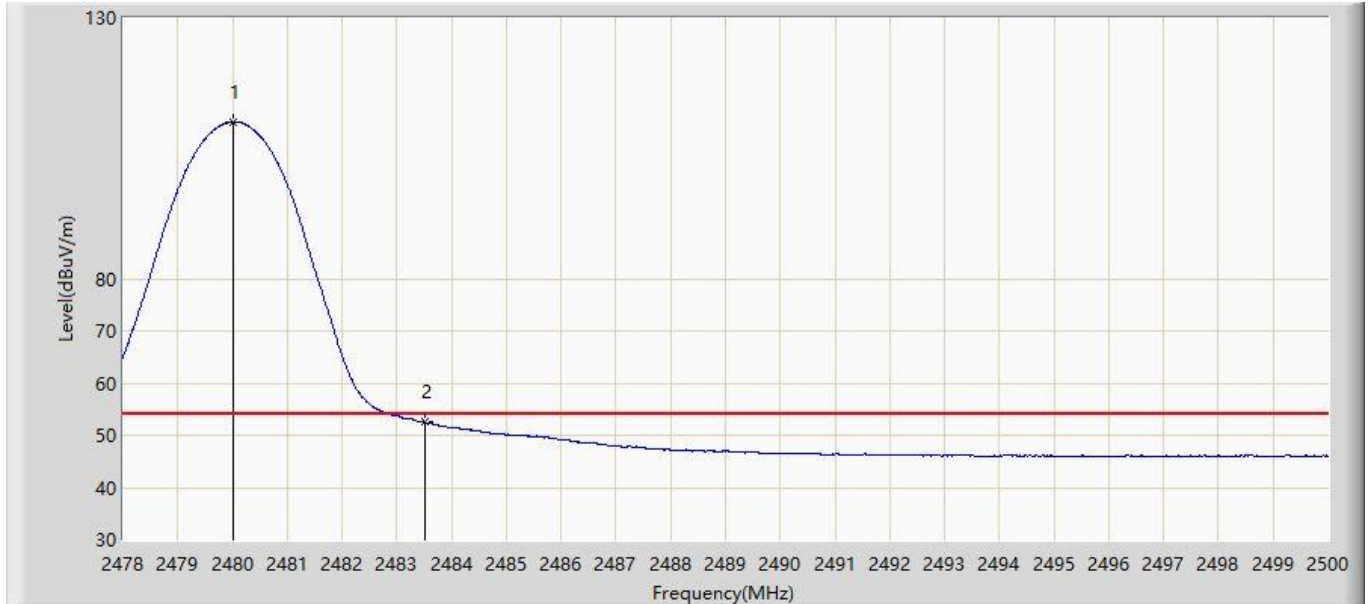


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.980	110.626	79.812	N/A	N/A	30.814	PK
2			2483.500	64.339	33.537	-9.661	74.000	30.802	PK
3			2483.709	65.052	34.251	-8.948	74.000	30.802	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:30
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1361D	

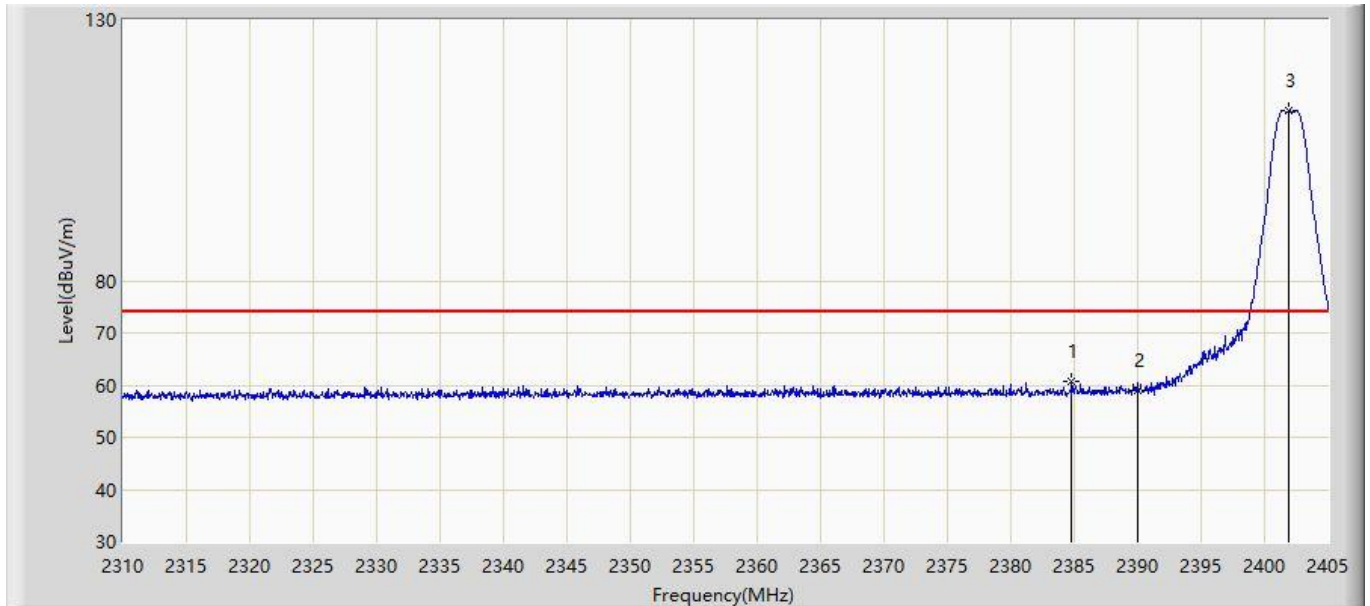


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2480.002	110.096	79.282	N/A	N/A	30.814	AV
2			2483.500	52.505	21.703	-1.495	54.000	30.802	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:36
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361D	

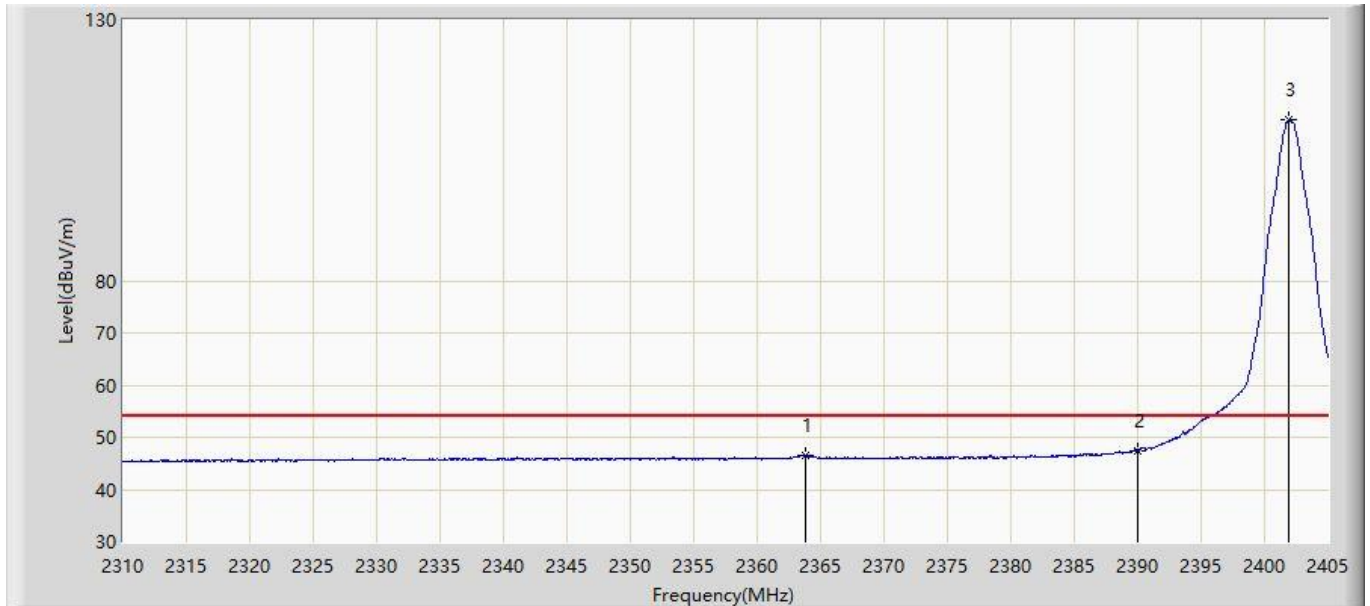


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.812	60.612	29.619	-13.388	74.000	30.994	PK
2			2390.000	59.100	28.096	-14.900	74.000	31.004	PK
3		*	2401.913	112.567	81.554	N/A	N/A	31.013	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:40
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361D	

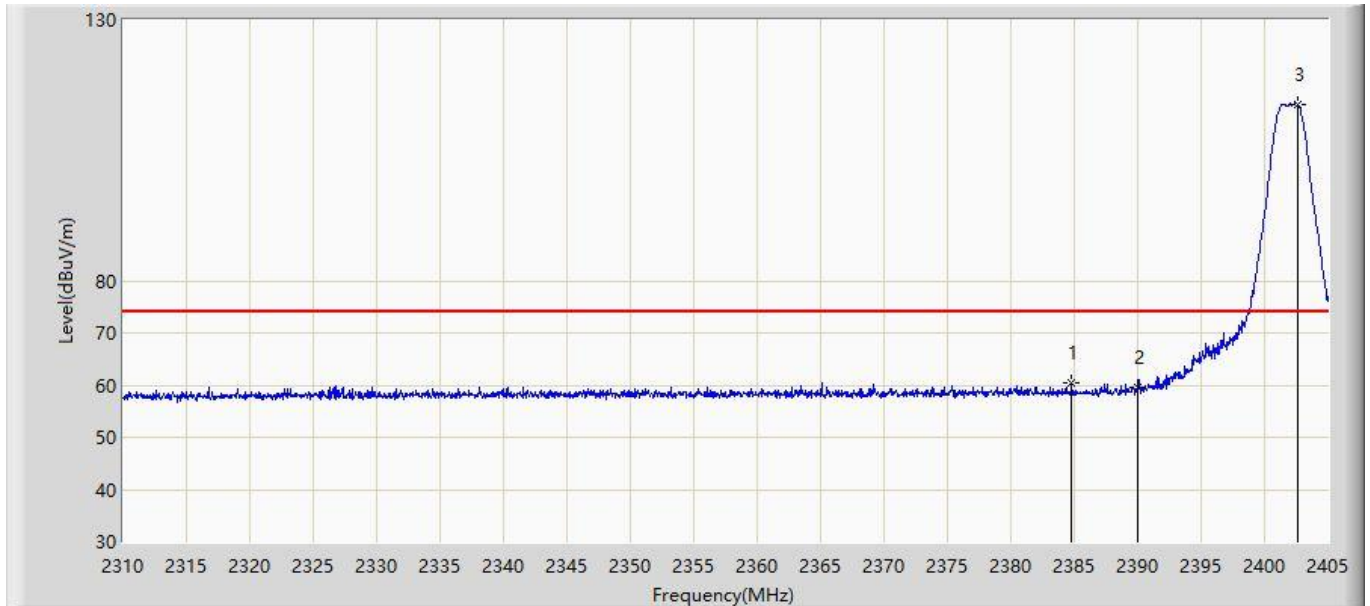


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2363.865	46.630	15.681	-7.370	54.000	30.949	AV
2			2390.000	47.523	16.519	-6.477	54.000	31.004	AV
3		*	2401.960	110.917	79.904	N/A	N/A	31.013	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:40
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361D	

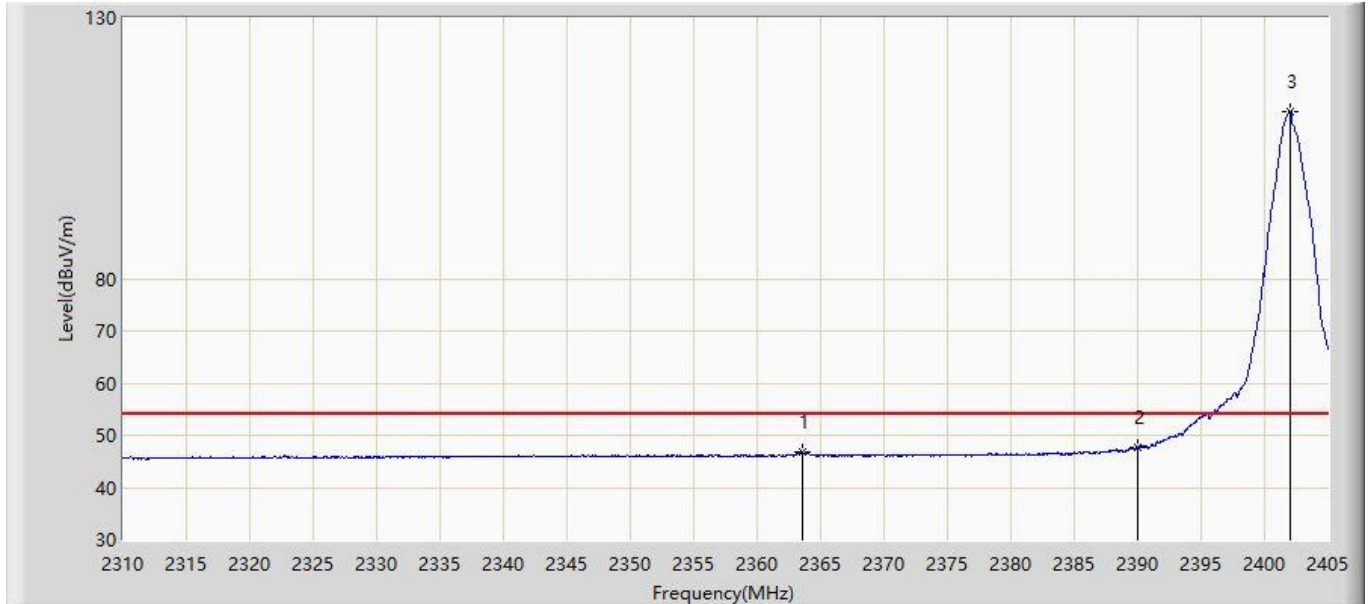


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.812	60.301	29.308	-13.699	74.000	30.994	PK
2			2390.000	59.426	28.422	-14.574	74.000	31.004	PK
3		*	2402.577	113.891	82.877	N/A	N/A	31.014	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:44
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1361D	

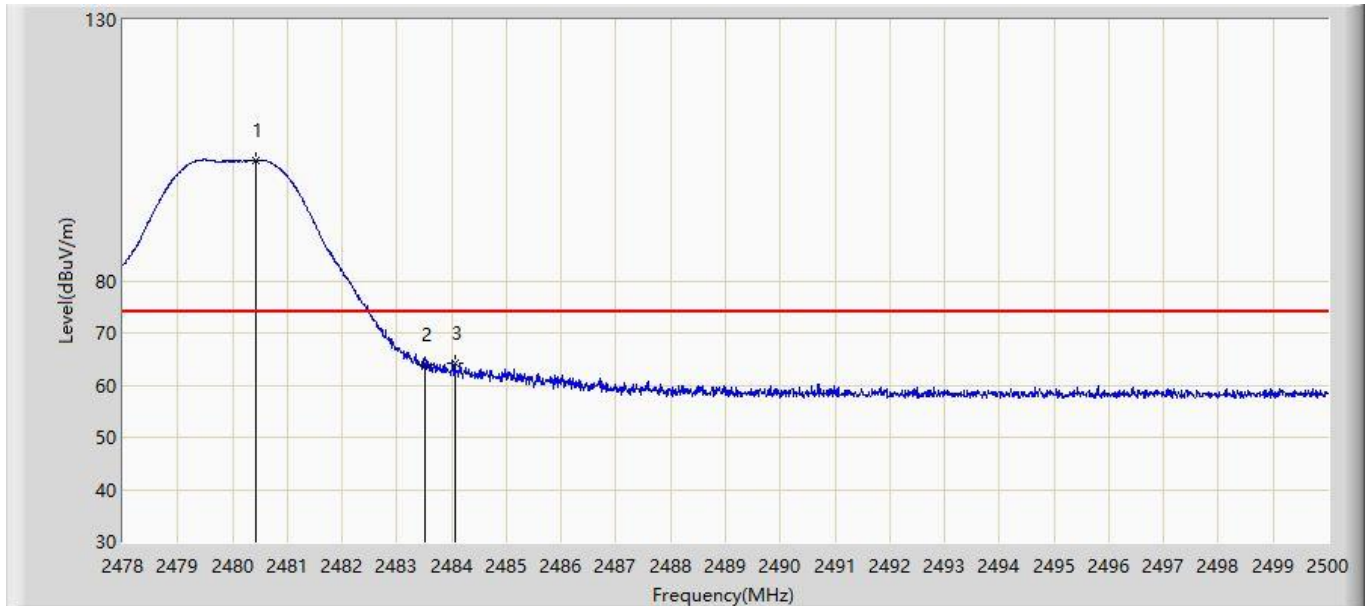


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2363.580	46.817	15.869	-7.183	54.000	30.948	AV
2			2390.000	47.650	16.646	-6.350	54.000	31.004	AV
3	X	*	2402.055	112.171	81.158	N/A	N/A	31.013	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:58
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361D	

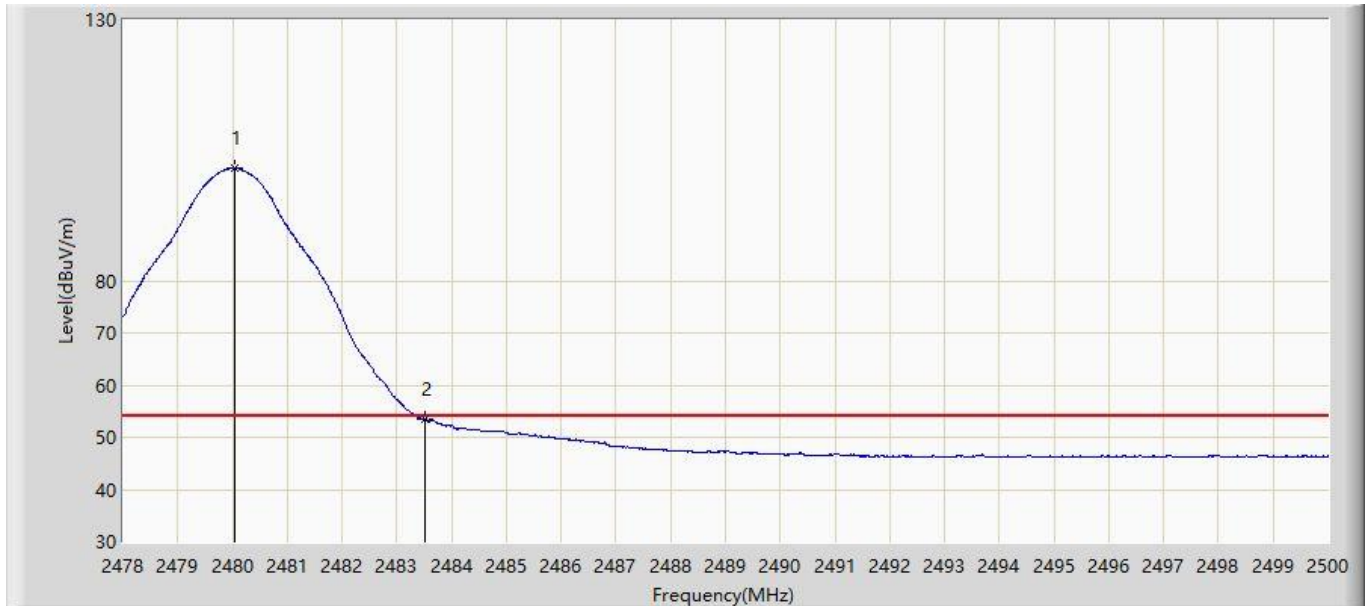


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.420	103.139	72.326	N/A	N/A	30.813	PK
2			2483.500	63.957	33.155	-10.043	74.000	30.802	PK
3			2484.061	64.345	33.545	-9.655	74.000	30.800	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:53
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361D	

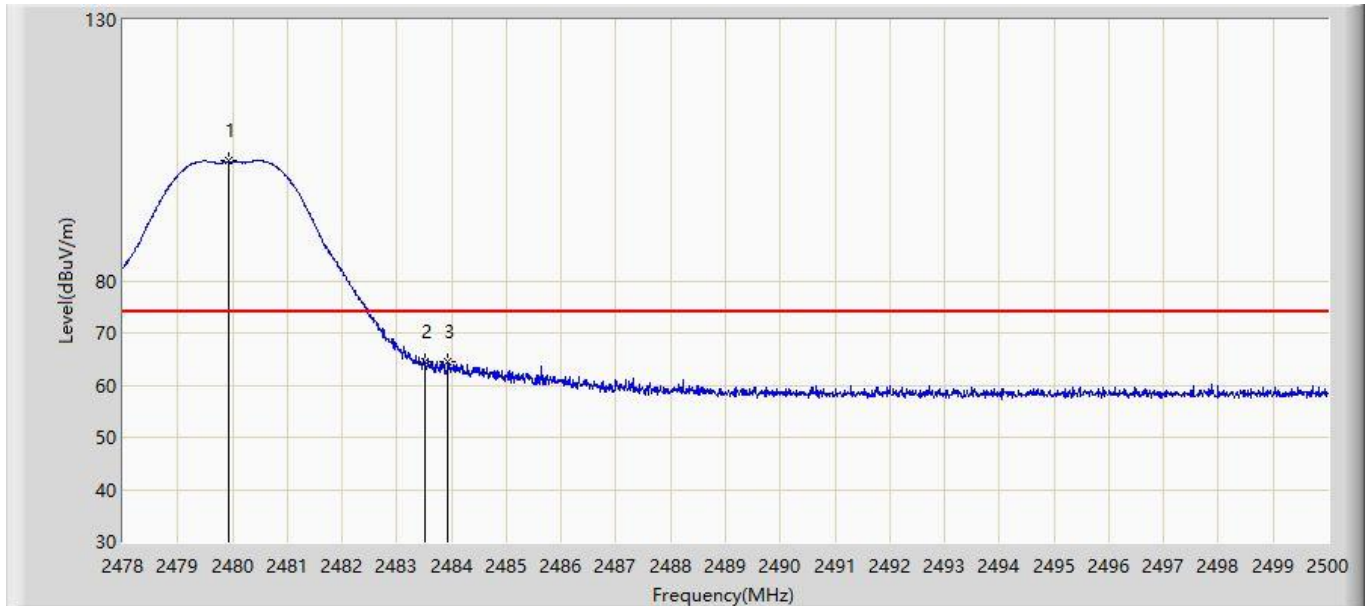


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.035	101.587	68.898	N/A	N/A	32.688	AV
2			2483.500	53.494	22.692	-0.506	54.000	30.802	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 19:59
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361D	

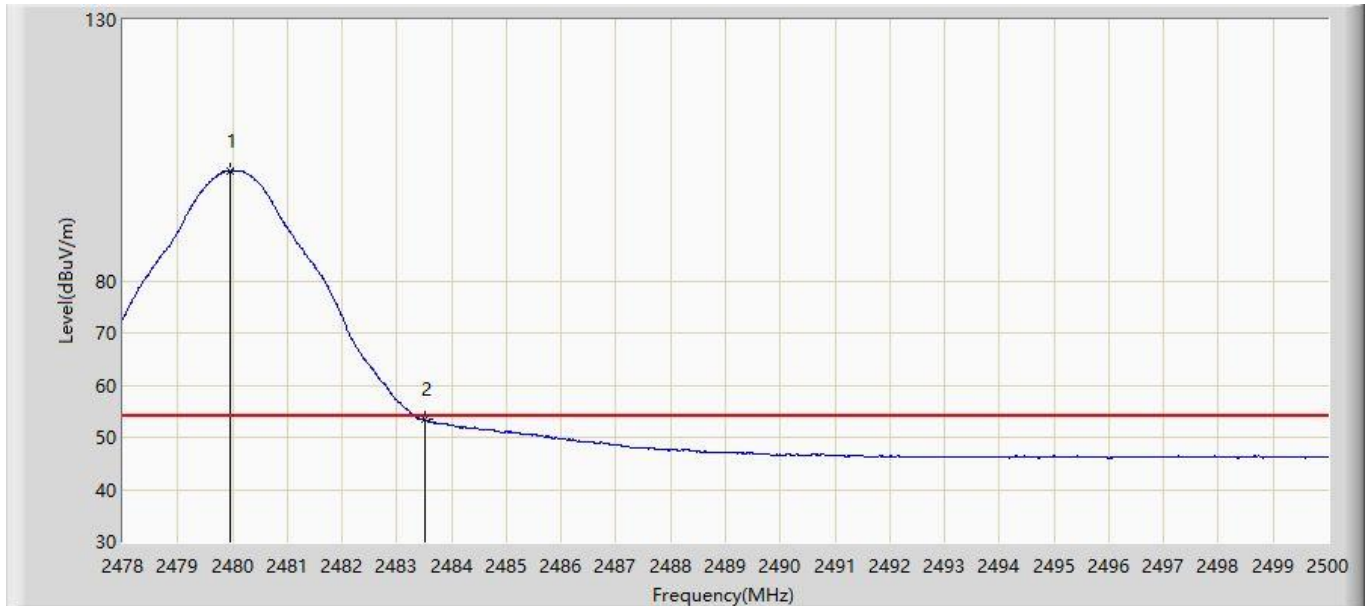


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	102.938	72.123	N/A	N/A	30.814	PK
2			2483.500	64.509	33.707	-9.491	74.000	30.802	PK
3			2483.929	64.625	33.824	-9.375	74.000	30.801	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/04/02 - 20:01
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1361D	



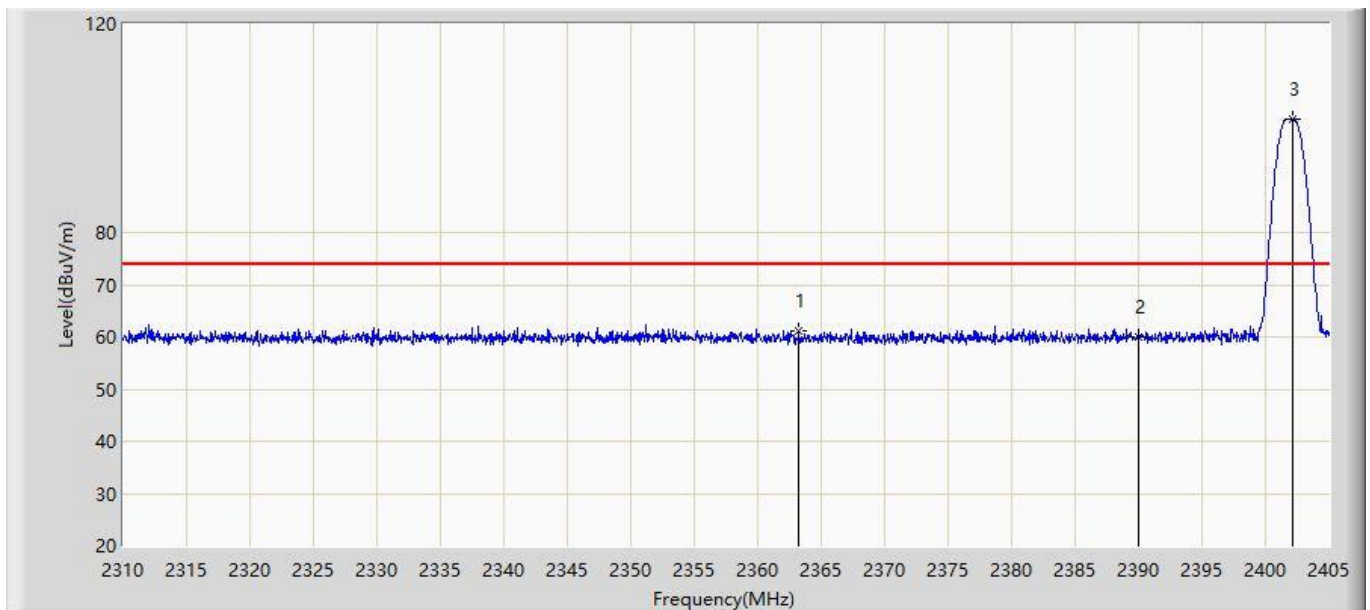
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	101.082	70.268	N/A	N/A	30.814	AV
2			2483.500	53.337	22.535	-0.663	54.000	30.802	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Mode No.: OAW-AP1362

Site: AC1	Time: 2020/05/21 - 02:39
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1362	

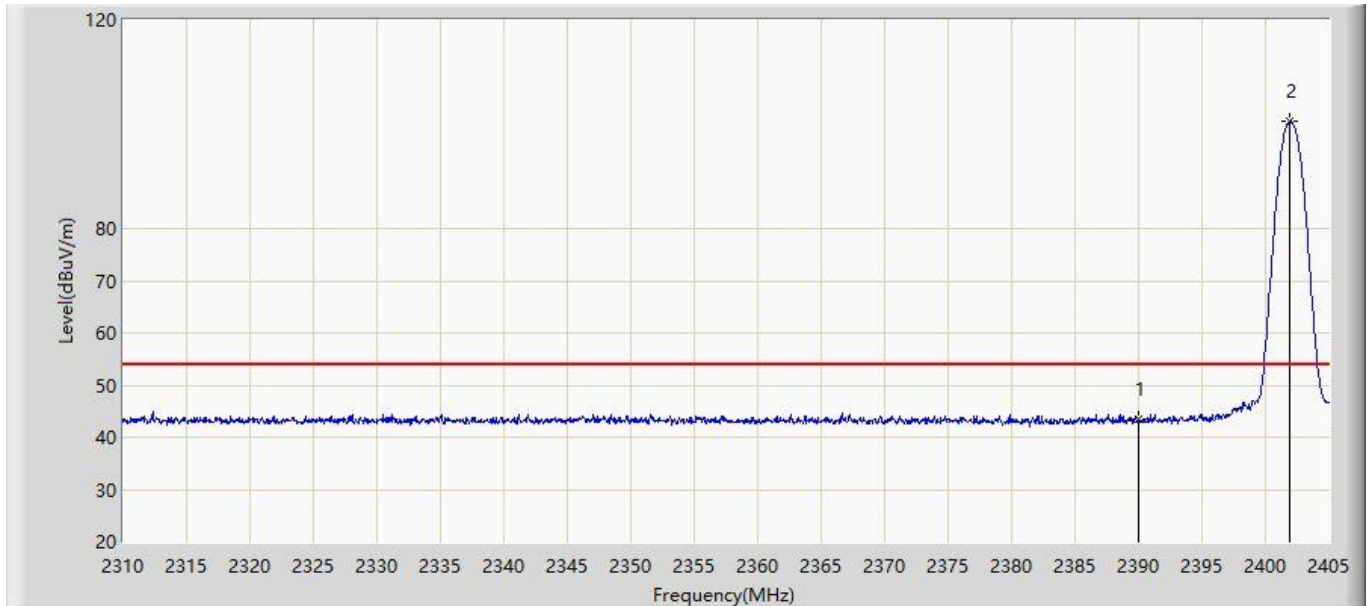


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2363.248	61.237	29.059	-12.763	74.000	32.178	PK
2			2390.000	59.862	27.566	-14.138	74.000	32.296	PK
3		*	2402.150	101.862	69.513	N/A	N/A	32.349	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 02:41
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1362	

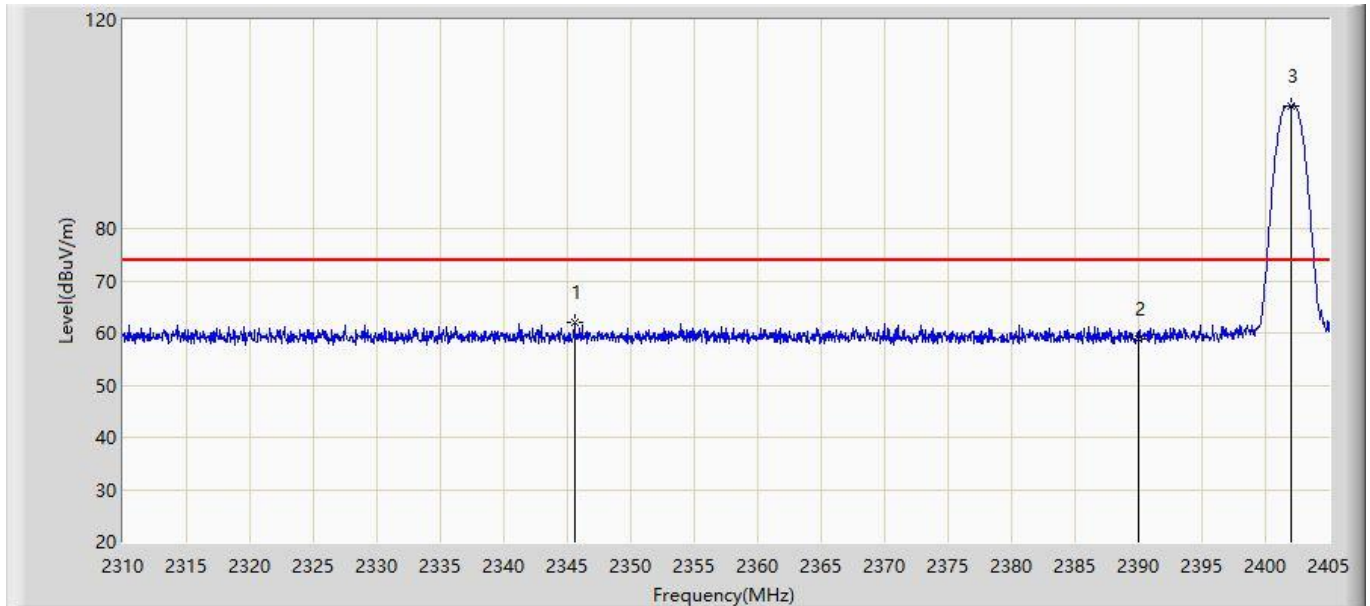


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.565	11.269	-10.435	54.000	32.296	AV
2		*	2401.913	100.641	68.293	N/A	N/A	32.348	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 02:44
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1362	

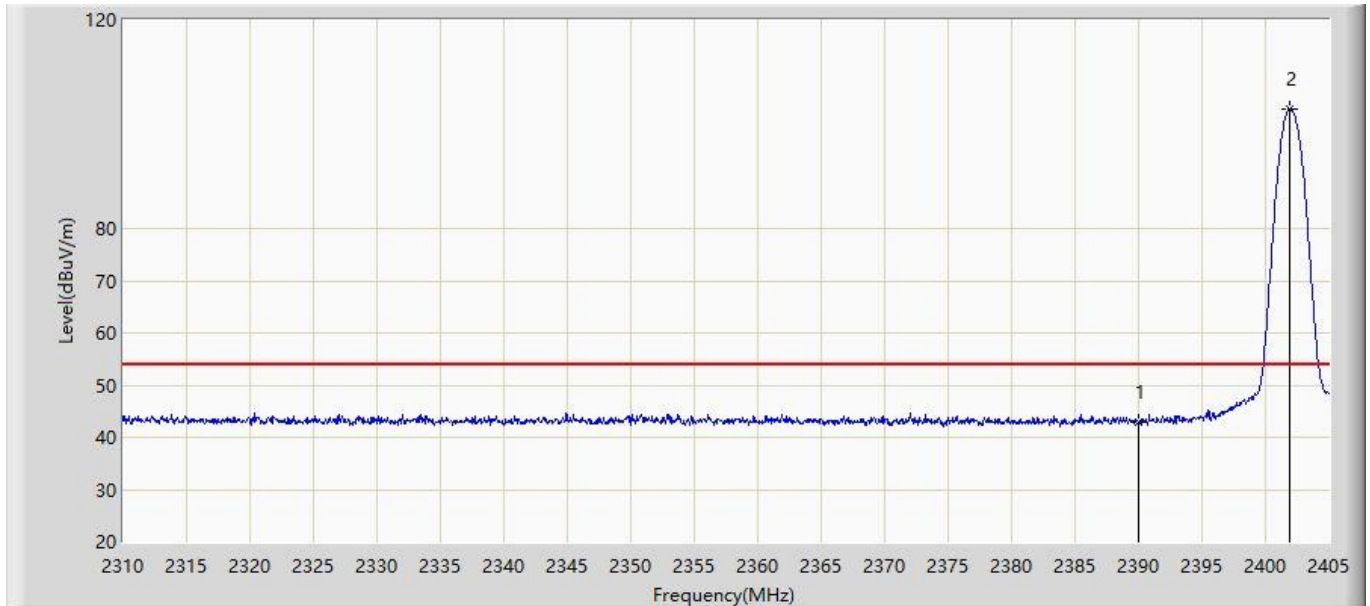


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2345.577	62.096	29.995	-11.904	74.000	32.101	PK
2			2390.000	58.757	26.461	-15.243	74.000	32.296	PK
3		*	2402.008	103.564	71.215	N/A	N/A	32.348	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 02:45
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2402MHz with OAW-AP1362	

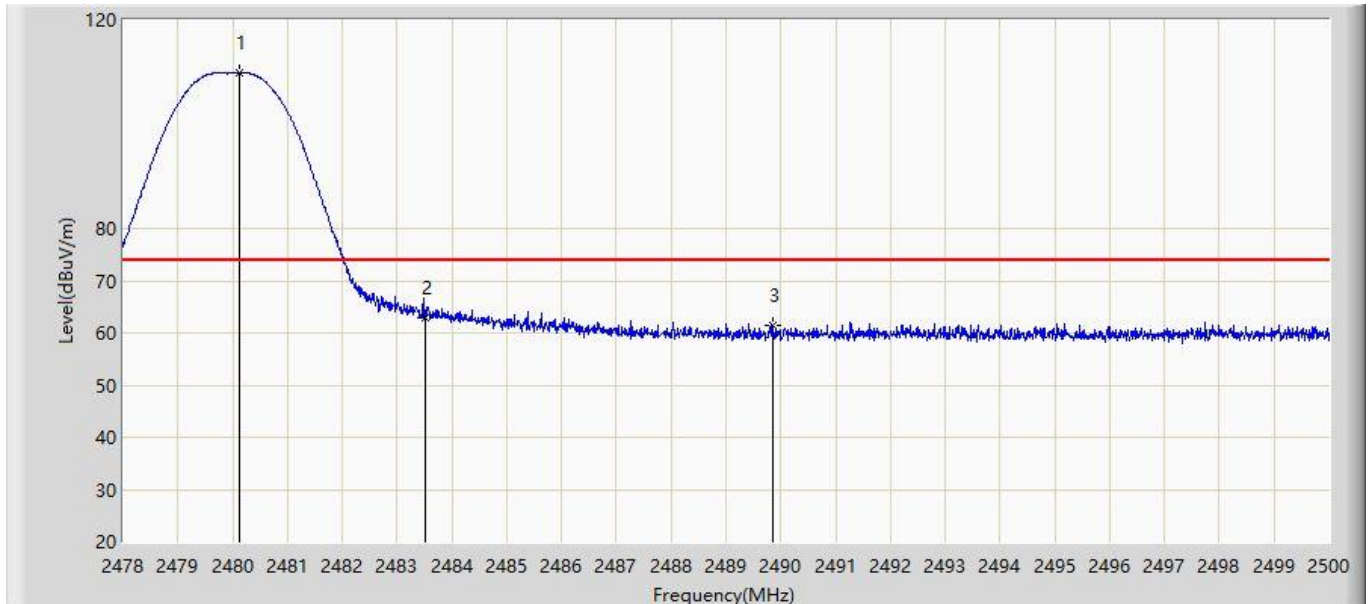


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	42.899	10.603	-11.101	54.000	32.296	AV
2		*	2401.865	102.820	70.472	N/A	N/A	32.348	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:13
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1362	

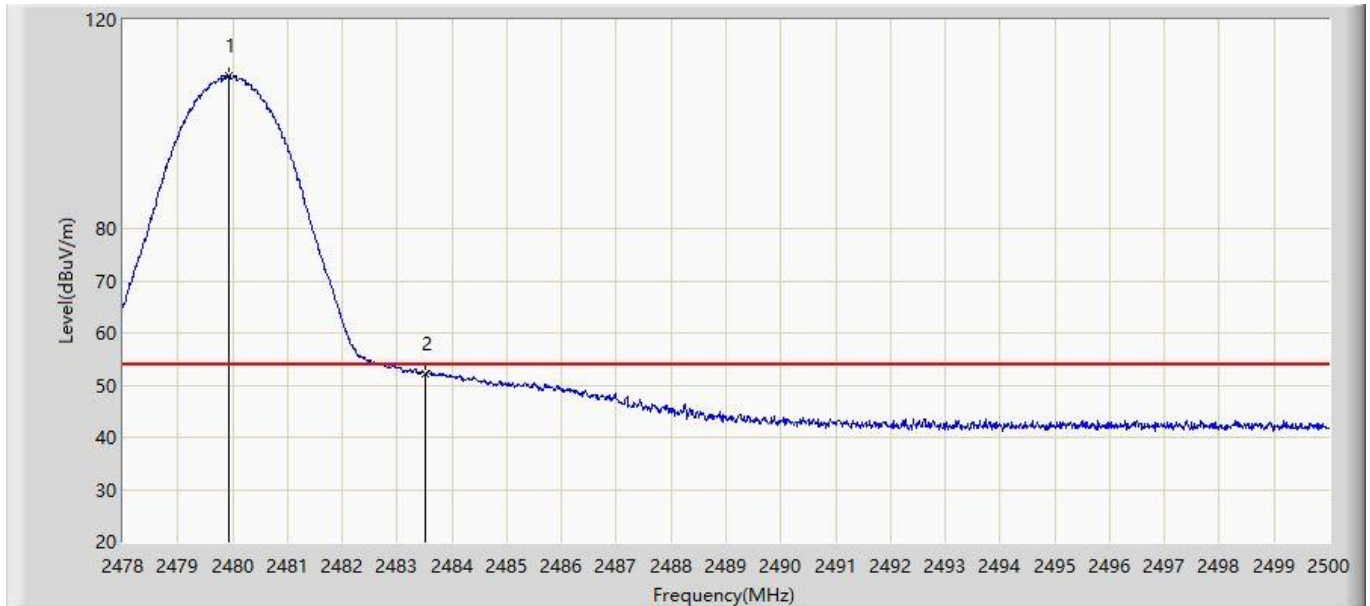


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	109.793	77.100	N/A	N/A	32.693	PK
2			2483.500	62.922	30.214	-11.078	74.000	32.707	PK
3			2489.858	61.589	28.854	-12.411	74.000	32.735	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:17
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1362	

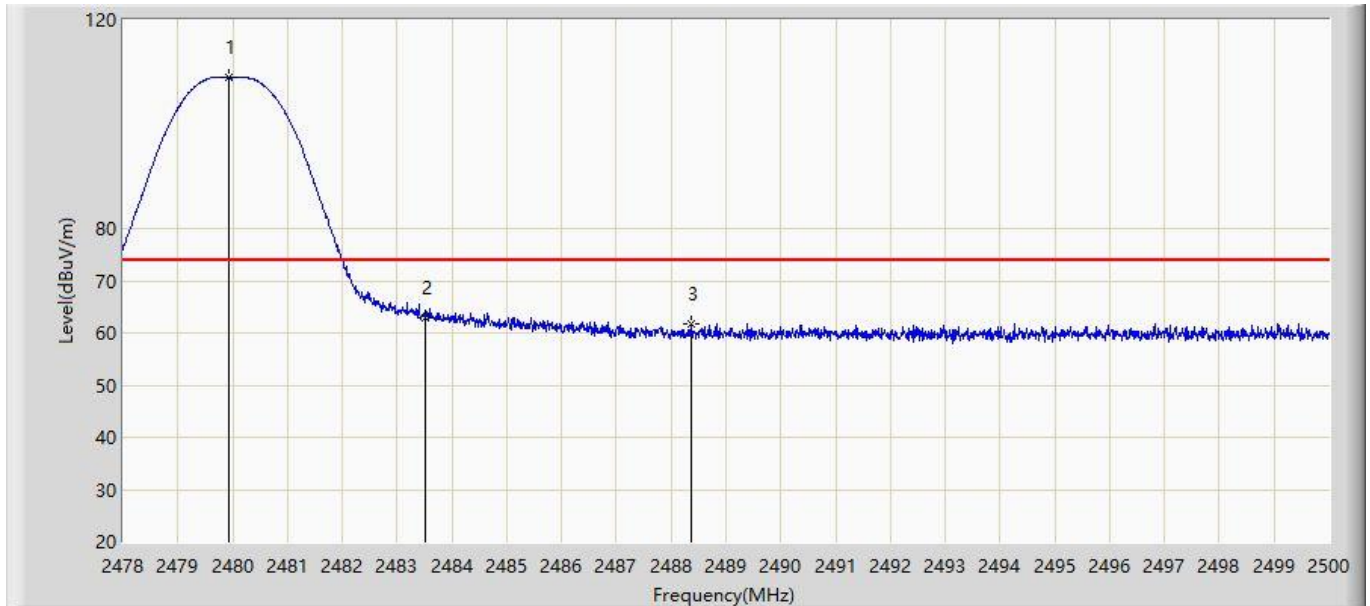


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2479.936	109.170	76.478	N/A	N/A	32.692	AV
2			2483.500	52.266	19.558	-1.734	54.000	32.707	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:22
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1362	

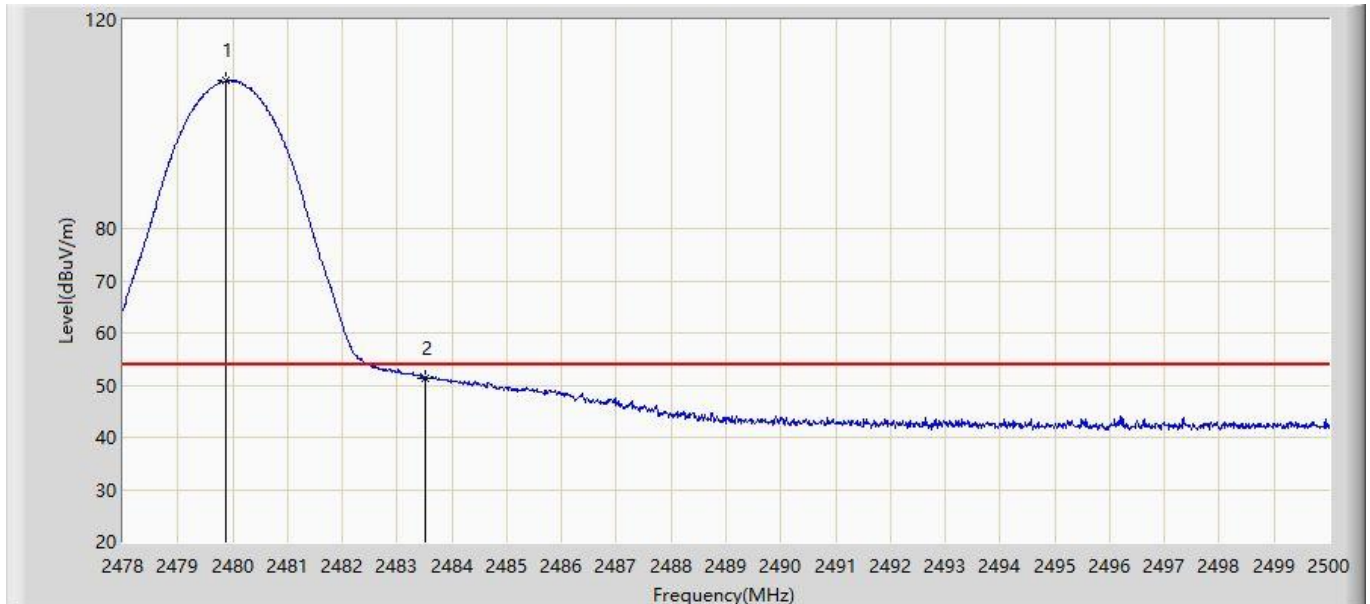


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	108.852	76.160	N/A	N/A	32.692	PK
2			2483.500	62.897	30.189	-11.103	74.000	32.707	PK
3			2488.362	61.780	29.051	-12.220	74.000	32.729	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:24
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 1Mbps at Channel 2480MHz with OAW-AP1362	

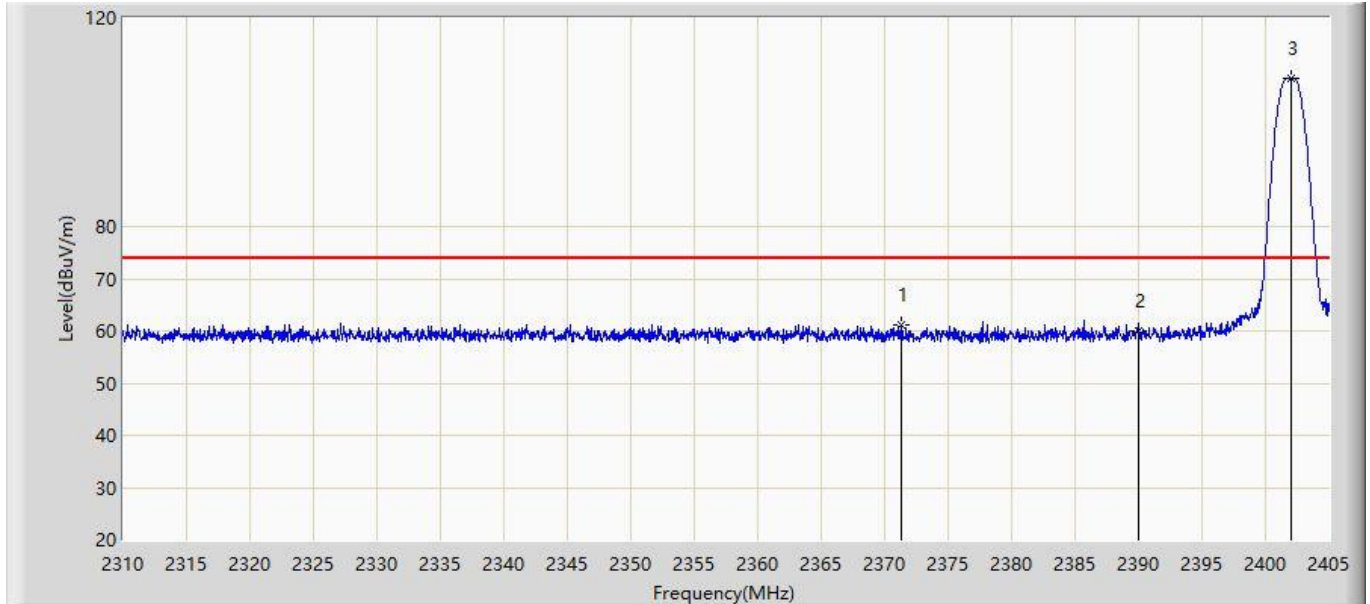


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2479.881	108.409	75.717	N/A	N/A	32.692	AV
2			2483.500	51.250	18.542	-2.750	54.000	32.707	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:02
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1362	

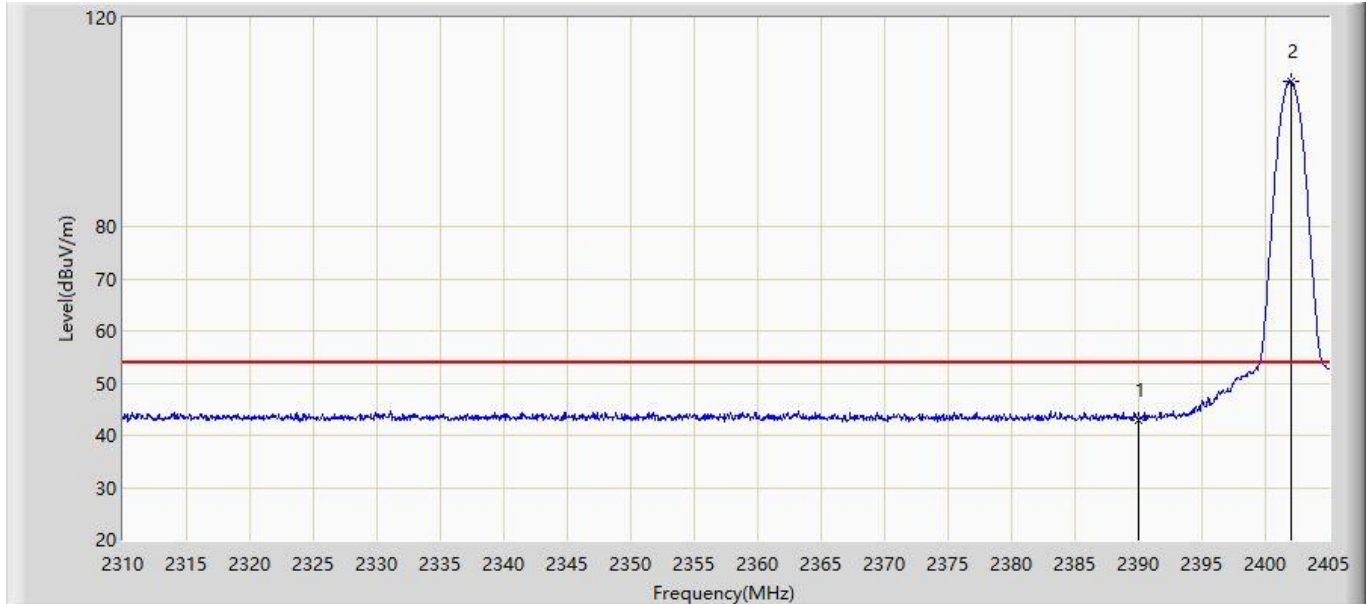


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2371.275	61.219	29.006	-12.781	74.000	32.213	PK
2			2390.000	59.889	27.593	-14.111	74.000	32.296	PK
3		*	2402.008	108.432	76.083	N/A	N/A	32.348	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:06
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1362	

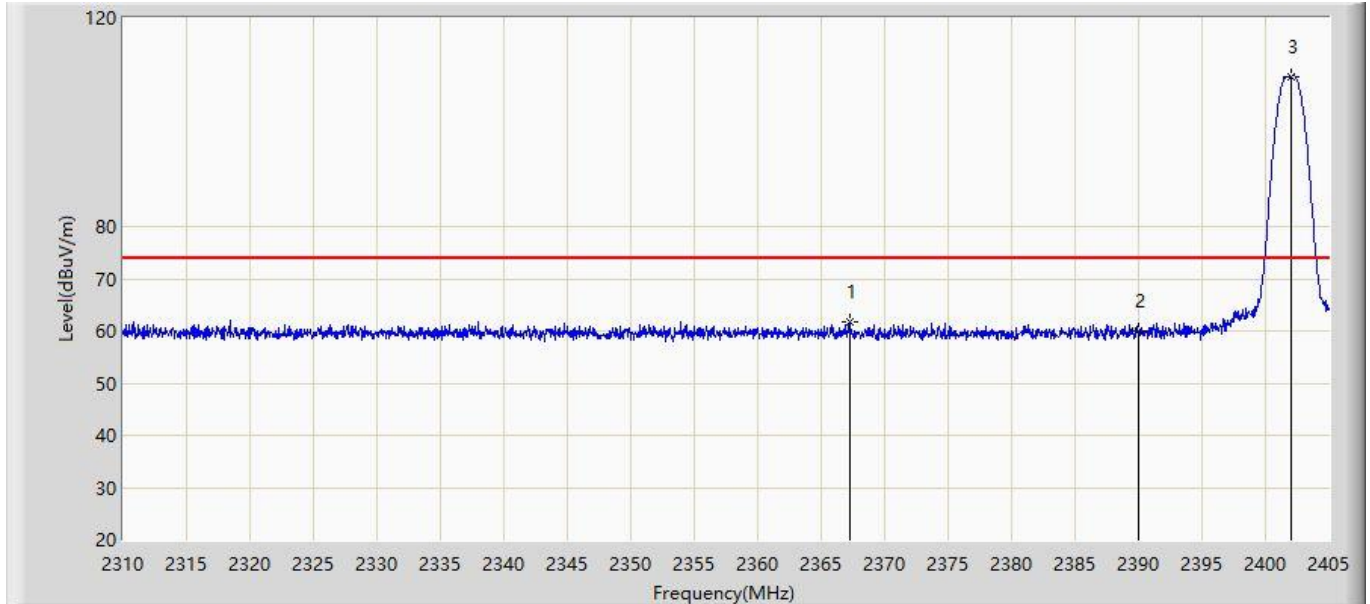


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	42.943	10.647	-11.057	54.000	32.296	AV
2		*	2402.008	107.844	75.495	N/A	N/A	32.348	AV

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:10
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1362	

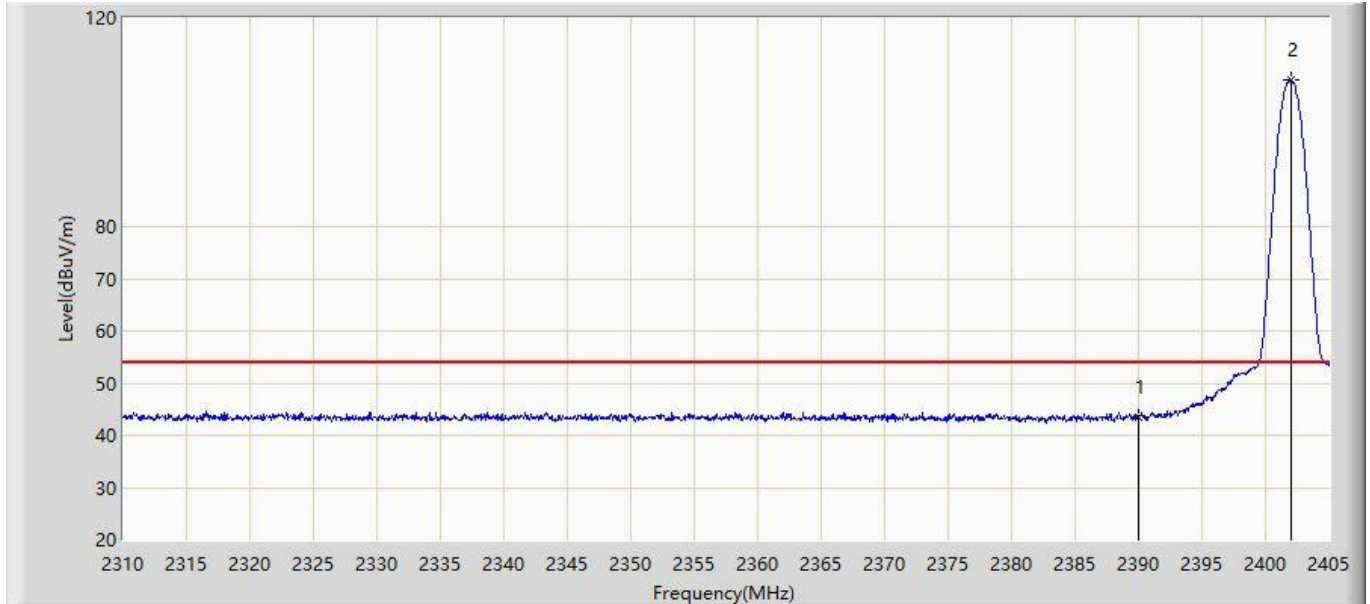


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2367.238	61.633	29.437	-12.367	74.000	32.196	PK
2			2390.000	60.019	27.723	-13.981	74.000	32.296	PK
3		*	2402.008	108.794	76.445	N/A	N/A	32.348	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:11
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2402MHz with OAW-AP1362	

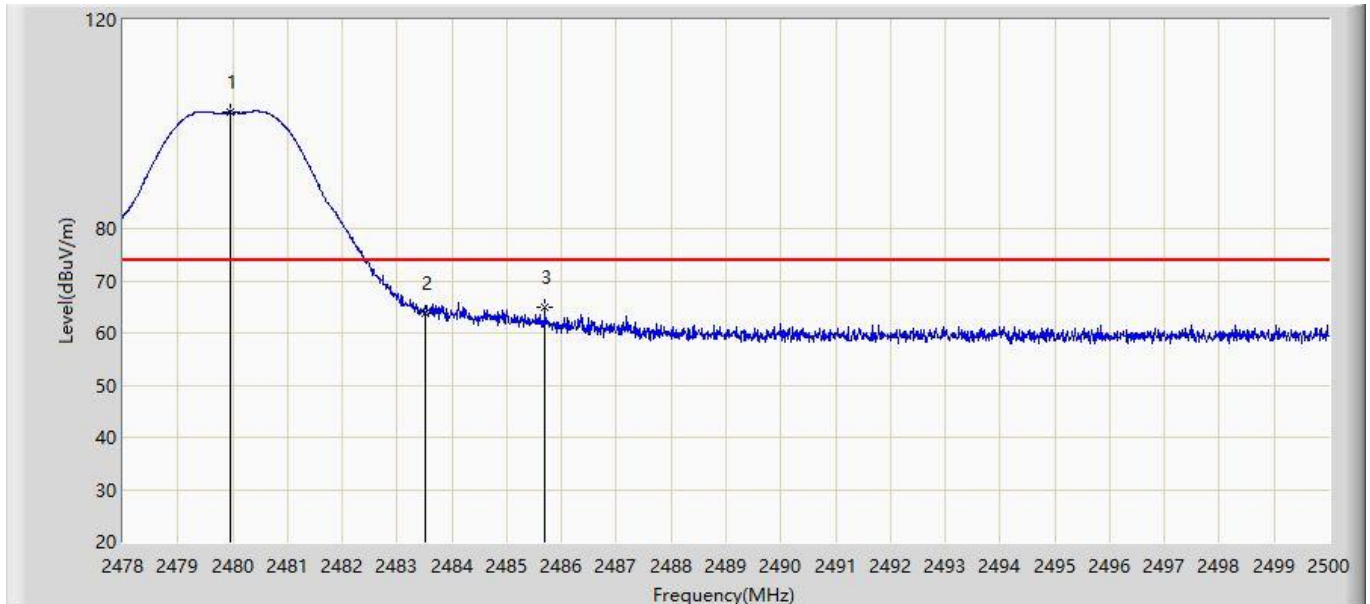


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.457	11.161	-10.543	54.000	32.296	AV
2	X	*	2402.008	108.236	75.887	N/A	N/A	32.348	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 00:59
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1362	

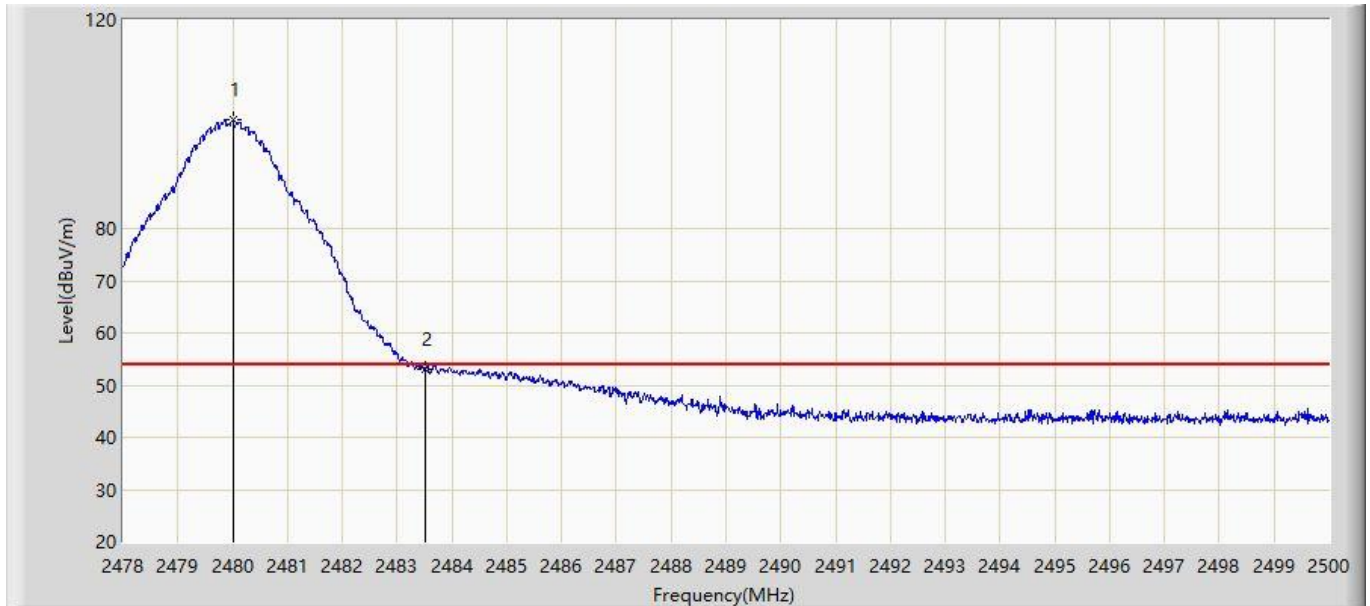


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.947	102.463	69.771	N/A	N/A	32.692	PK
2			2483.500	63.902	31.194	-10.098	74.000	32.707	PK
3			2485.689	64.847	32.130	-9.153	74.000	32.717	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 00:57
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1362	

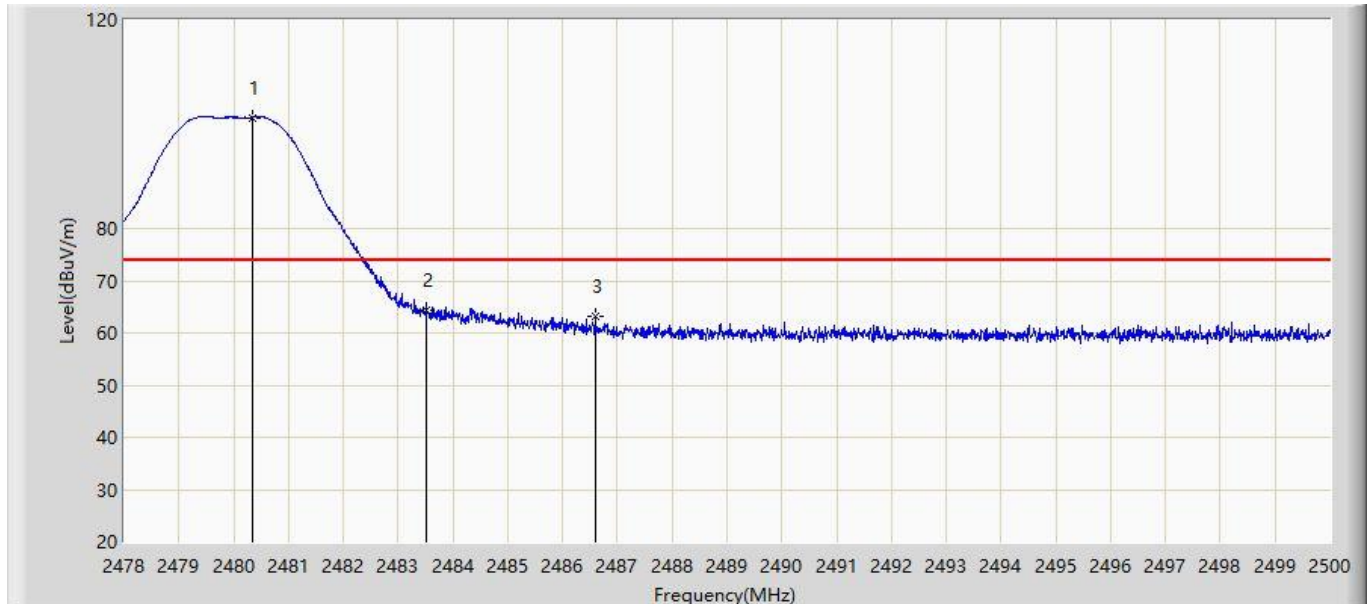


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	100.750	68.058	N/A	N/A	32.692	AV
2			2483.500	53.066	20.358	-0.934	54.000	32.707	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:00
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1362	

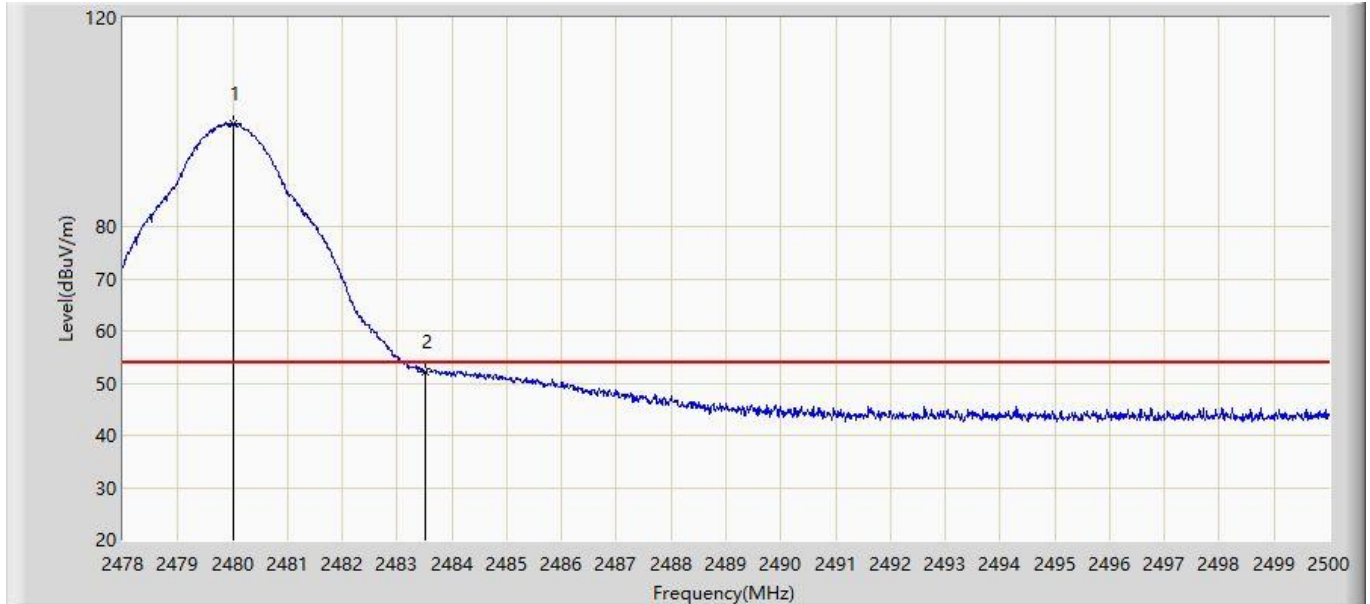


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.354	101.303	68.609	N/A	N/A	32.694	PK
2			2483.500	64.287	31.579	-9.713	74.000	32.707	PK
3			2486.591	63.067	30.346	-10.933	74.000	32.721	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC1	Time: 2020/05/21 - 01:01
Limit: NCC LP0002_1GHz-40GHz	Engineer: Peter Syu
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by BT5.1 - 2Mbps at Channel 2480MHz with OAW-AP1362	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	99.720	67.028	N/A	N/A	32.692	AV
2			2483.500	52.264	19.556	-1.736	54.000	32.707	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

5.7. 占用頻寬

5.7.1 量測方法

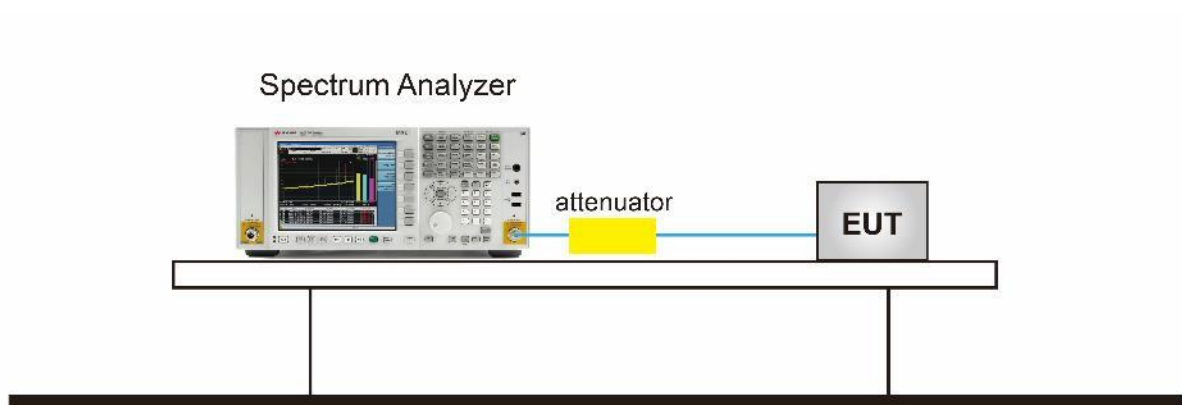
待測物之天線埠經由適當之衰減直接連至頻譜分析儀RF輸入端，頻譜分析儀之設定,參考如下:

- (1) Set RBW = 100 kHz
- (2) VBW $\geq 3 \times$ RBW
- (3) Detector = Peak
- (4) Trace mode = max hold
- (5) Sweep = auto couple

5.7.2 限制要求

6dB頻寬至少應有500kHz。

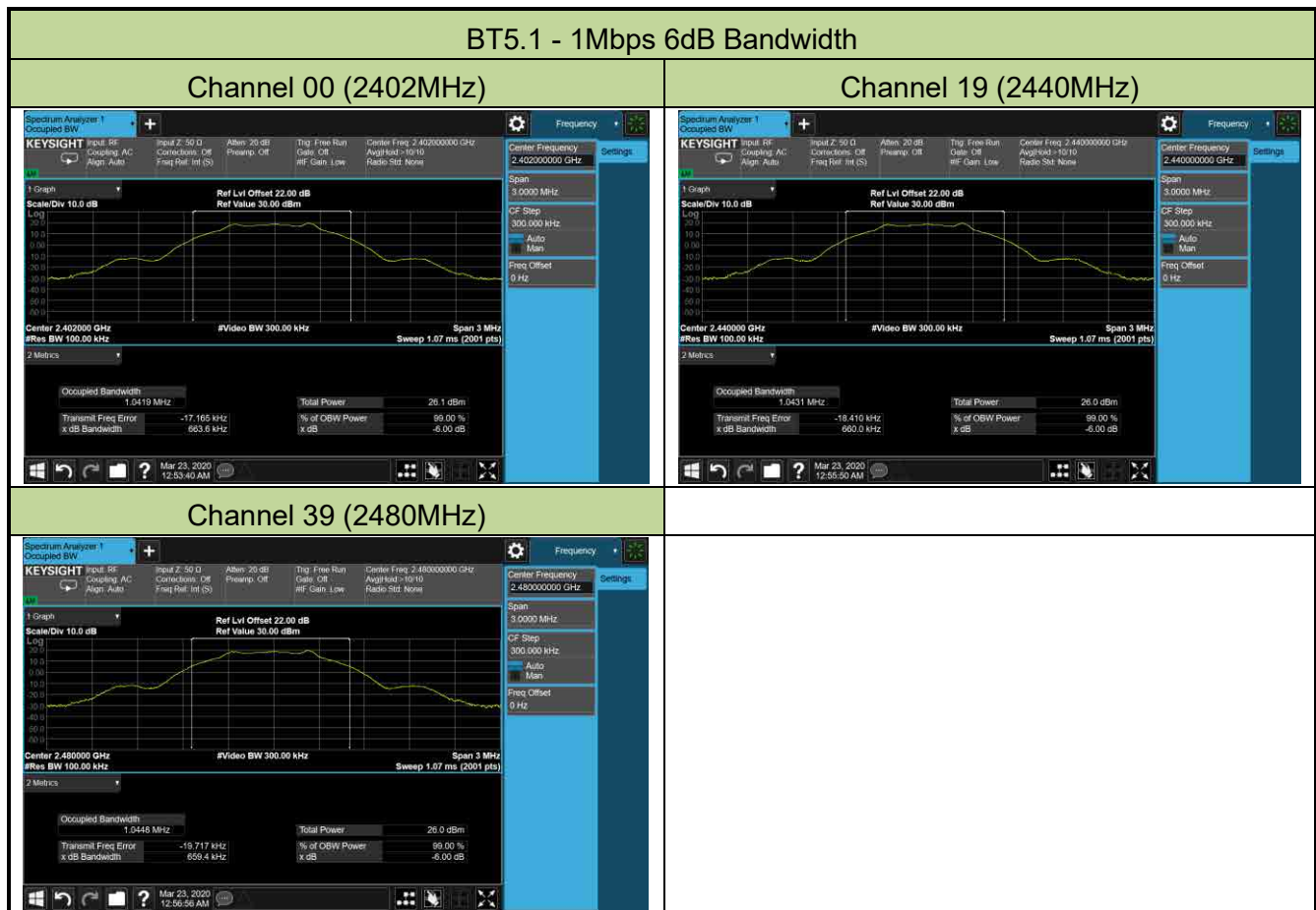
5.7.3 測試架構圖



5.7.4 占用頻寬測試結果

Product	無線基地台	Temperature	24°C
Test Engineer	Peter Syu	Relative Humidity	56%
Test Site	SR1	Test Date	2020/03/23
Mode No.	OAW-AP1361D		

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
BT5.1	1	00	2402	0.66	≥ 0.5	Pass
		19	2440	0.66	≥ 0.5	Pass
		39	2480	0.66	≥ 0.5	Pass
	2	00	2402	1.18	≥ 0.5	Pass
		19	2440	1.17	≥ 0.5	Pass
		39	2480	1.18	≥ 0.5	Pass



BT5.1 - 2Mbps 6dB Bandwidth

Channel 00 (2402MHz)



Channel 19 (2440MHz)



Channel 39 (2480MHz)



5.8. 功率頻譜密度

5.8.1 量測方法

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應小於或等於8 dBm。

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3kHz，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(即標準化至3 kHz)以決定是否符合規定。

5.8.2 限制要求

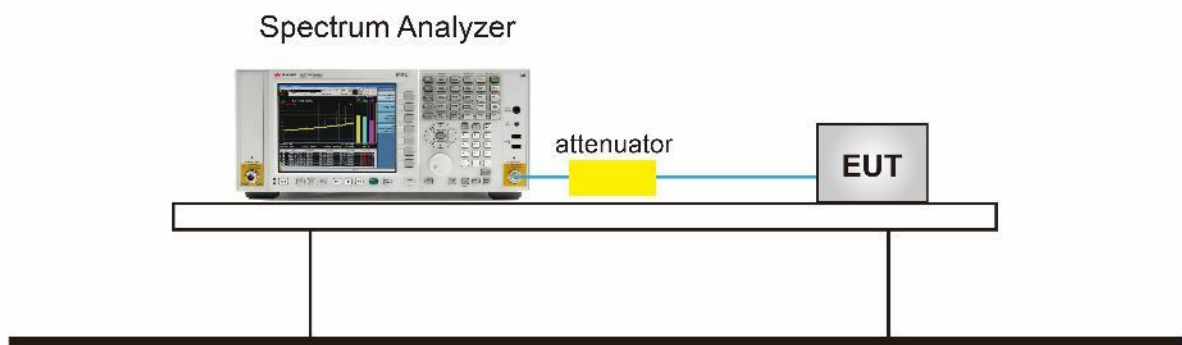
在使用頻率範圍之任意3千赫(kHz)頻寬內，由發射機傳導至天線之峰值發射電功率密度在任意期間內，皆不得大於8dBm。

若用於非固定式點對點操作時，若其發射天線之方向性增益超過6dBi，應依所超過之dB數等量降低峰值輸出功率。如用於固定式點對點(註)操作時，應符合下列情形之一：

(1)操作於2400-2483.5兆赫(MHz)者，其發射天線之方向性增益超過6dBi，應於每超過3dB降低1dB之峰值輸出功率。

(2) 操作於5725-5850兆赫(MHz)者，其發射天線之方向性增益超過6dBi，不需降低峰值輸出功率。

5.8.3 測試架構圖



5.8.4 功率頻譜密度測試結果

Product	無線基地台	Temperature	24°C
Test Engineer	Peter Syu	Relative Humidity	56%
Test Site	SR1	Test Date	2020/03/23
Mode No.	OAW-AP1361D		

Test Mode	Data Rate (Mbps)	Channel No.	Frequency (MHz)	PSD Result (dBm / 10kHz)	Duty Cycle (%)	Constant Factor (dB)	PSD Result (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
BT5.1	1	00	2402	2.62	84.88	-5.23	-1.90	≤ 8.00	Pass
		19	2440	2.47	84.88	-5.23	-2.05	≤ 8.00	Pass
		39	2480	2.91	84.88	-5.23	-1.61	≤ 8.00	Pass
	2	00	2402	-0.91	56.50	-5.23	-3.66	≤ 8.00	Pass
		19	2440	-1.38	56.50	-5.23	-4.13	≤ 8.00	Pass
		39	2480	-0.97	56.50	-5.23	-3.72	≤ 8.00	Pass

Note: When EUT duty cycle < 98%, Total AVGPDS = $10 \cdot \log \{10^{(AVGPDS/10)}\} + 10 \cdot \log (1/\text{duty cycle}) + \text{Constant Factor}$

BT5.1 - 1Mbps PSD

Channel 00 (2402MHz)



Channel 19 (2440MHz)



Channel 39 (2480MHz)



BT5.1 - 2Mbps PSD

Channel 00 (2402MHz)



Channel 19 (2440MHz)



Channel 39 (2480MHz)



The End

附錄 A - 測試照

參照“2004TW0007-測試照”檔案。

附錄 B - 外觀照

參照“2004TW0007-外觀照”檔案。

附錄 C - 內部照

參照“2004TW0007-內部照”檔案。