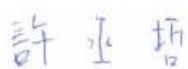


NCC

低功率射頻電機型式試驗報告

產品名稱: 無線基地台
英文名稱: OmniAccess Stellar
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
測試日期: 2020.03.10 ~ 2020.04.24
接收日期: 2020.03.10

測試工程師:



(許丞哲)

報告審核人:



(陳柏均)

報告簽屬人:



(柯承志)



本測試報告僅對實驗室所受測之樣品負責

本測試報告非經本公司同意不可局部複製使用

修訂紀錄

報告編號	版本	描述	發行日期
2004TW0007-T1	1.0	Original Report	2020-04-29

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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. 產品資訊

2.1. 待測物裝置資料

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	802.11b/g/n-HT20/VHT20/ax-HE20: 2412 ~ 2462 MHz 802.11n-HT40/VHT40/ax-HE40: 2422 ~ 2452 MHz
通道數量	802.11b/g/n-HT20/VHT20/ax-HE20: 11 802.11n-HT40/VHT40/ax-HE40: 7
調變模式	DSSS for IEEE 802.11b, OFDM for IEEE 802.11g/n-HT20/n-HT40/VHT20/VHT40 OFDMA FOR IEEE 802.11ax-HE20/ax-HE40
傳輸速率	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps VHT: up to 400Mbps 802.11ax: up to 574Mbps
頻道控制	Auto
Scan Antenna	
無線規格	802.11b/g
頻率範圍	802.11b/g: 2412 ~ 2462 MHz
通道數量	802.11b/g: 11
調變模式	DSSS for IEEE 802.11b/g
傳輸速率	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps

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. 通道清單

802.11b/g/n-HT20/VHT20/ax-HE20

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz
04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz
10	2457 MHz	11	2462 MHz	--	--

802.11n-HT40/VHT40/ax-HE40

Channel	Frequency	Channel	Frequency	Channel	Frequency
03	2422 MHz	04	2427 MHz	05	2432 MHz
06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	--	--	--	--

2.3. 測試模式

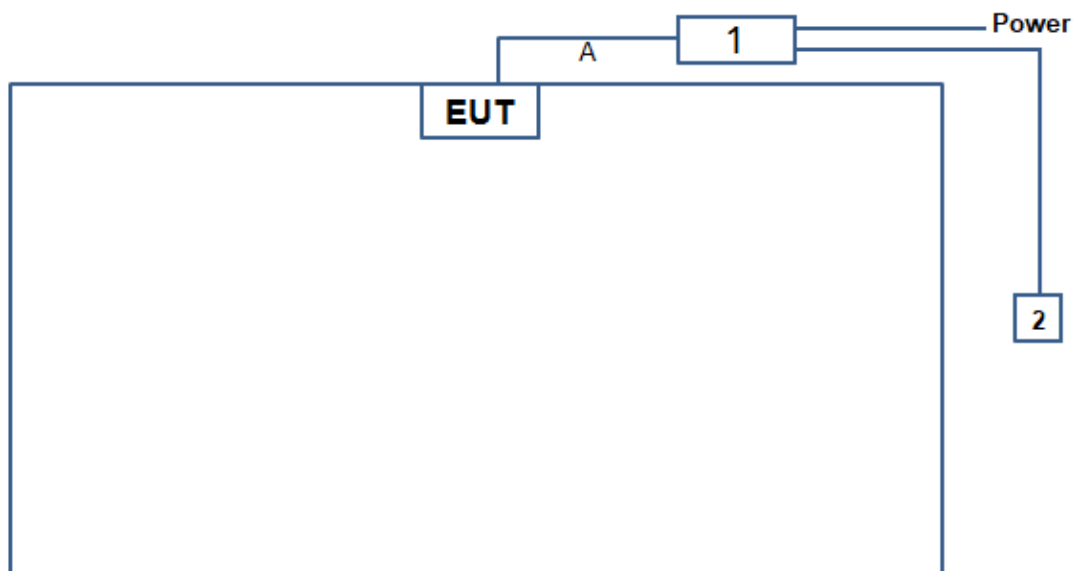
Mode 1: 發射器 802.11b (1Mbps) (CDD Mode)
Mode 2: 發射器 802.11g (6Mbps) (CDD Mode)
Mode 3: 發射器 802.11n-HT20 (MCS0) (CDD Mode)
Mode 4: 發射器 802.11n-HT40 (MCS0) (CDD Mode)
Mode 5: 發射器 802.11ax-HE20 (MCS0) (CDD Mode)
Mode 6: 發射器 802.11ax-HE40 (MCS0) (CDD Mode)
Mode 7: 發射器 802.11n-HT20 (MCS0) (Beam-Forming Mode)
Mode 8: 發射器 802.11n-HT40 (MCS0) (Beam-Forming Mode)
Mode 9: 發射器 802.11ax-HE20 (MCS0) (Beam-Forming Mode)
Mode 10: 發射器 802.11ax-HE40 (Beam-Forming Mode)
Mode 11: Normal mode^{*1}

備註 1：為了評估較嚴謹的數據,故使用大於 10m 的網路線來測試;

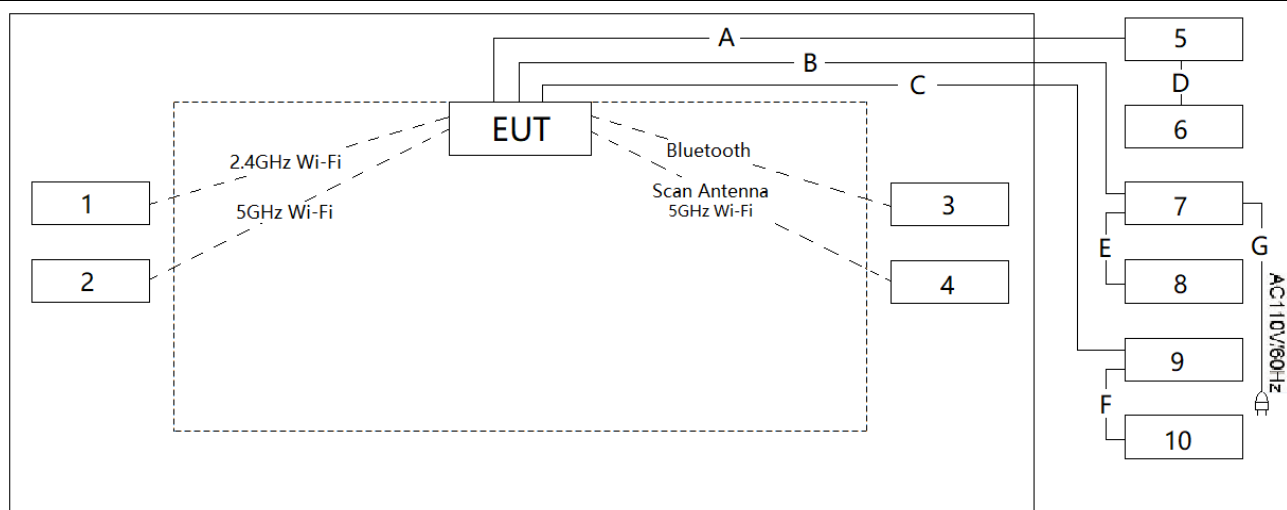
備註 2：802.11n 模式功率高於 VHT 模式，因此報告中不呈現 VHT 式結果。

2.4. 測試系統組合圖

Connection Diagram (1 ~ 10)



Connection Diagram (Mode 11)



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. 待測裝置測試時之典型操作程式

1.	Setup the EUT and simulators as shown on 2.4
2.	Turn on the power of all equipment.
3.	Execute "QSPR" program.
4.	Configure the test channel and the data rate.
5.	Start test.

3. 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 $k=2$.

4. 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

5. 測試結果

產品名稱

無線基地台

型號

OAW-AP1361, OAW-AP1361D, OAW-AP1362

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	$\leq 30\text{dBc(Average)}$	符合	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	$\leq 74\text{dBuV/m(Peak)}$ $\leq 54\text{dBuV/m(Average)}$	符合	第 5.6 章節
3.10.1.6(2)(A)	佔用頻寬	$\geq 500\text{kHz}$	符合	第 5.7 章節
3.10.1.6(2)(B)	功率頻譜密度	$\leq 8\text{dBm}$	符合	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. 電源端點干擾測試

5.1.1. 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 2.3 節，以市電為電源之低功率射頻電機，其傳導回電源線上頻率自 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，以較低限值為準。

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

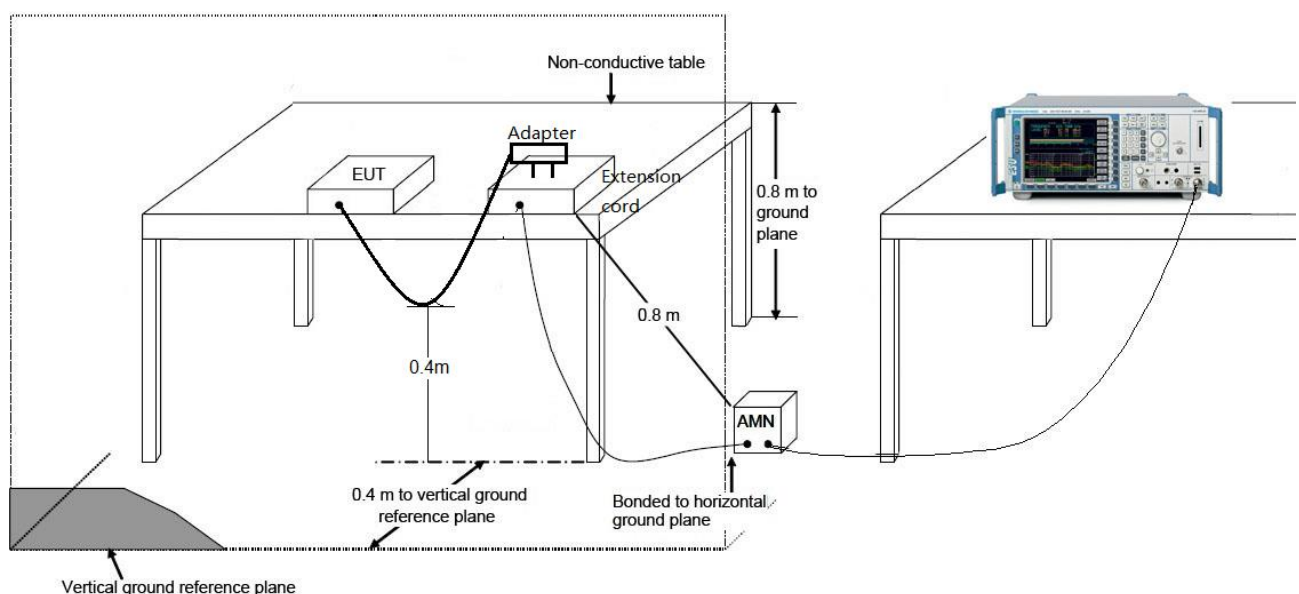
註:隨頻率之對數遞減

5.1.2. 量測方法

待測物置於高 80 公分之非導體桌面（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。

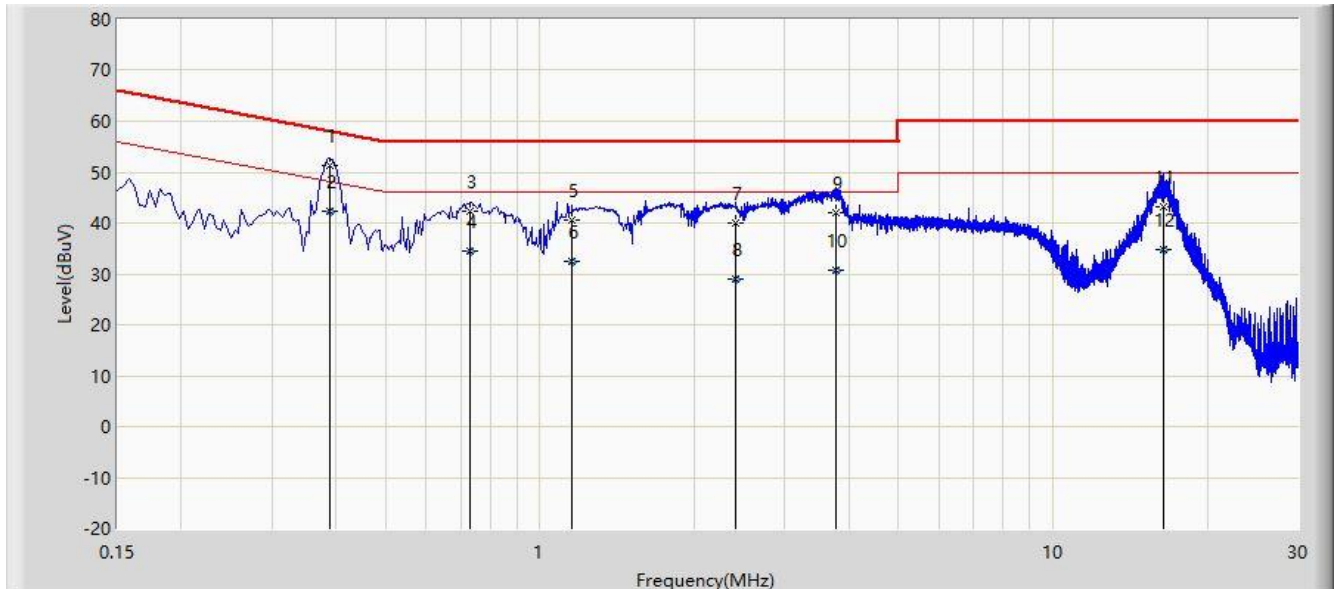
備 註：經初測驗證過，電源端點干擾測試對測試頻道數並無差異，因此檢附其中一個測試頻道之測試數。

5.1.3. 測試架構圖



5.1.4. 電源端點測試結果

Site: SR2	Time: 2020/03/30 - 13:20
Limit: NCC LP0002_CE_0.15MHz-30MHz	Engineer: Peter Syu
Probe: TW ENV216 (Filter On)_2019	Polarity: Line
EUT: 無線基地台	Power: By PoE
Test Mode 1	

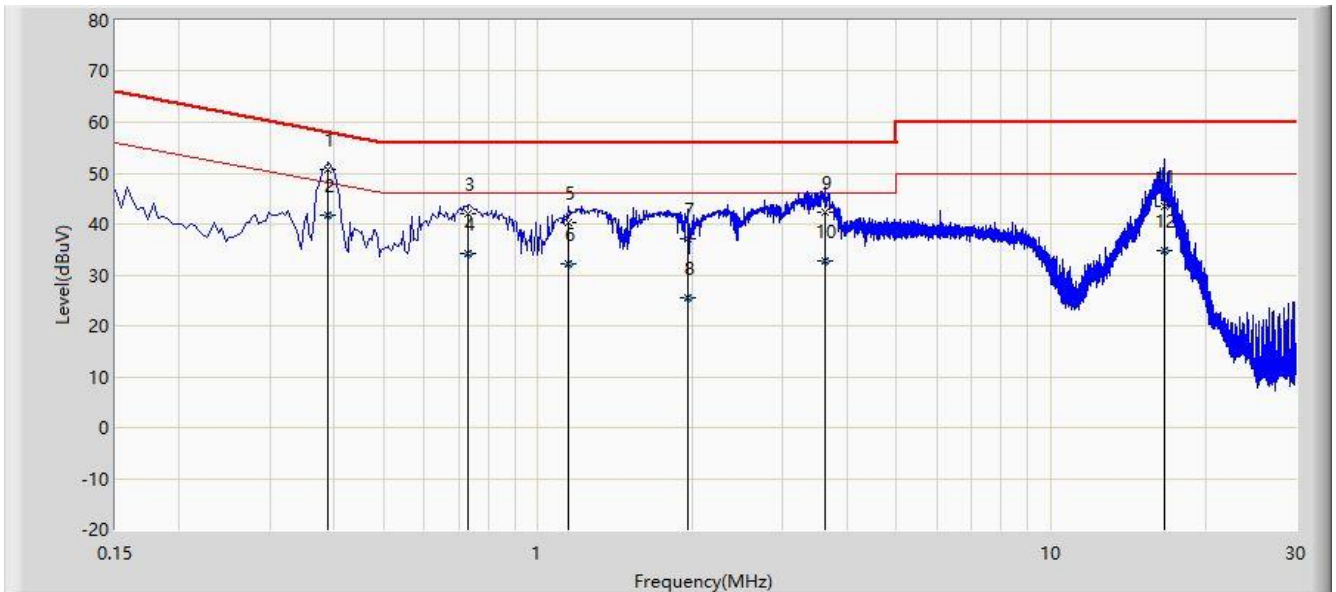


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.390	51.439	41.345	-6.625	58.064	10.094	QP
2		*	0.390	42.182	32.088	-5.882	48.064	10.094	AV
3			0.730	42.307	32.233	-13.693	56.000	10.074	QP
4			0.730	34.461	24.387	-11.539	46.000	10.074	AV
5			1.154	40.713	30.765	-15.287	56.000	9.948	QP
6			1.154	32.411	22.463	-13.589	46.000	9.948	AV
7			2.410	40.130	30.209	-15.870	56.000	9.921	QP
8			2.410	28.939	19.018	-17.061	46.000	9.921	AV
9			3.782	41.998	32.114	-14.002	56.000	9.884	QP
10			3.782	30.804	20.920	-15.196	46.000	9.884	AV
11			16.386	43.212	33.164	-16.788	60.000	10.048	QP
12			16.386	34.706	24.658	-15.294	50.000	10.048	AV

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

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

Site: SR2	Time: 2020/03/30 - 13:31
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	

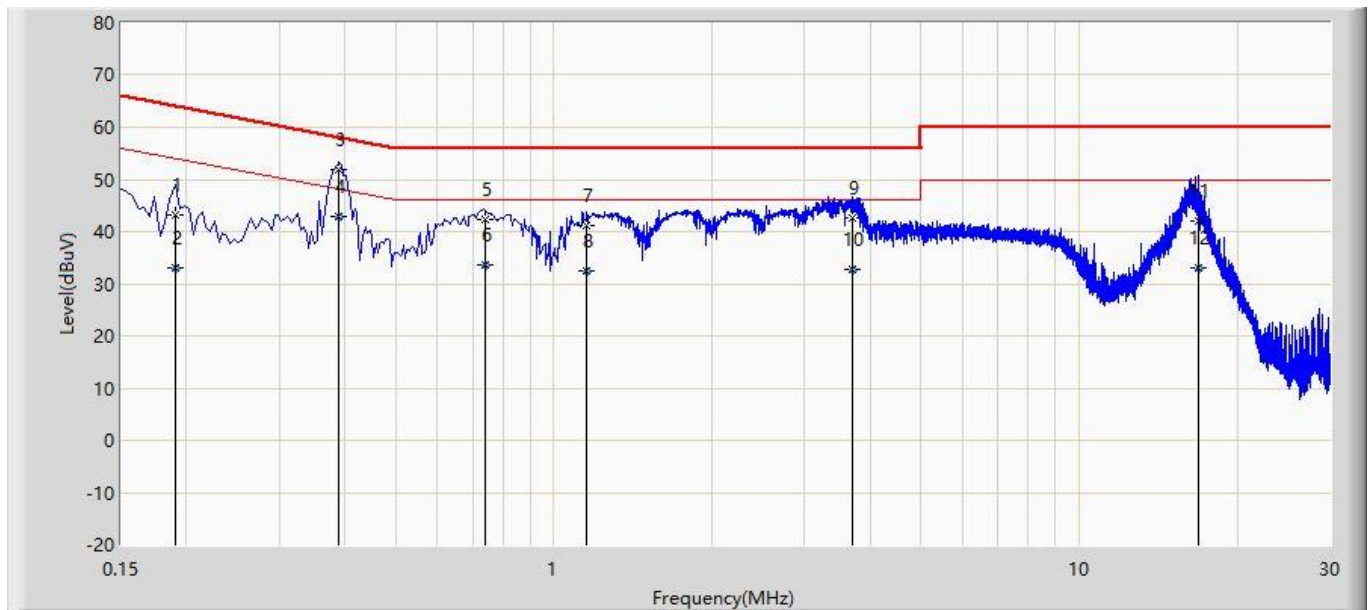


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.390	50.802	40.684	-7.262	58.064	10.118	QP
2		*	0.390	41.661	31.543	-6.403	48.064	10.118	AV
3			0.730	42.010	31.914	-13.990	56.000	10.095	QP
4			0.730	34.340	24.245	-11.660	46.000	10.095	AV
5			1.146	40.175	30.214	-15.825	56.000	9.960	QP
6			1.146	32.136	22.176	-13.864	46.000	9.960	AV
7			1.954	37.234	27.286	-18.766	56.000	9.948	QP
8			1.954	25.399	15.451	-20.601	46.000	9.948	AV
9			3.626	42.419	32.508	-13.581	56.000	9.911	QP
10			3.626	32.685	22.774	-13.315	46.000	9.911	AV
11			16.670	43.420	33.341	-16.580	60.000	10.078	QP
12			16.670	34.862	24.784	-15.138	50.000	10.078	AV

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

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

Site: SR2	Time: 2020/03/30 - 14:11
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 11	

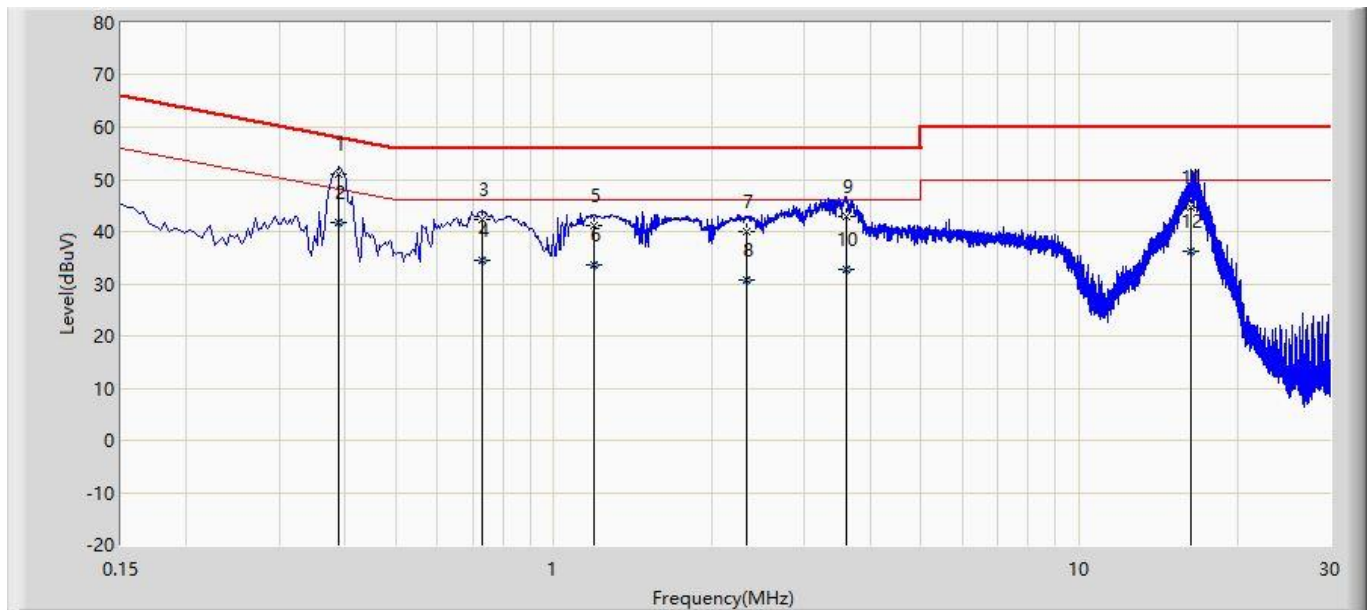


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.190	43.163	33.153	-20.874	64.037	10.010	QP
2			0.190	33.098	23.088	-20.938	54.037	10.010	AV
3			0.390	51.798	41.703	-6.266	58.064	10.094	QP
4		*	0.390	42.766	32.672	-5.298	48.064	10.094	AV
5			0.738	42.388	32.317	-13.612	56.000	10.071	QP
6			0.738	33.664	23.593	-12.336	46.000	10.071	AV
7			1.154	41.078	31.130	-14.922	56.000	9.948	QP
8			1.154	32.566	22.619	-13.434	46.000	9.948	AV
9			3.706	42.533	32.651	-13.467	56.000	9.882	QP
10			3.706	32.631	22.749	-13.369	46.000	9.882	AV
11			16.834	41.919	31.866	-18.081	60.000	10.053	QP
12			16.834	33.110	23.057	-16.890	50.000	10.053	AV

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

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

Site: SR2	Time: 2020/03/30 - 14:15
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 11	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.390	51.025	40.907	-7.039	58.064	10.118	QP
2		*	0.390	41.866	31.748	-6.198	48.064	10.118	AV
3			0.730	42.265	32.170	-13.735	56.000	10.095	QP
4			0.730	34.526	24.431	-11.474	46.000	10.095	AV
5			1.194	41.303	31.347	-14.697	56.000	9.956	QP
6			1.194	33.760	23.805	-12.240	46.000	9.956	AV
7			2.326	40.141	30.199	-15.859	56.000	9.943	QP
8			2.326	30.778	20.835	-15.222	46.000	9.943	AV
9			3.594	42.782	32.870	-13.218	56.000	9.911	QP
10			3.594	32.889	22.977	-13.111	46.000	9.911	AV
11			16.326	44.577	34.507	-15.423	60.000	10.071	QP
12			16.326	36.204	26.133	-13.796	50.000	10.071	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。

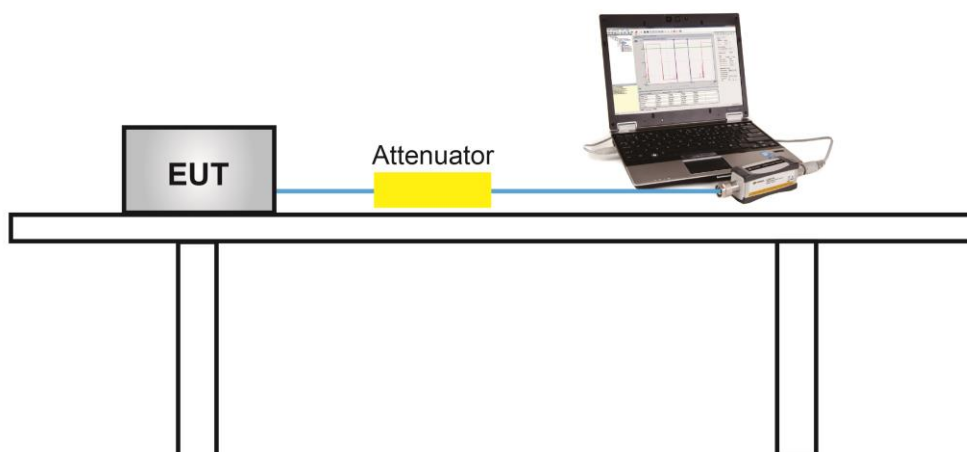
同時發射多向波束於相同或不同頻道者，其每一波束功率應符合(a)之功率限制值。如發射波束有重疊現象，功率應降低，以確保總和傳導輸出功率符合(a)之限制值。同時發射的所有波束總和傳導輸出功率不大於(a) 總和傳導輸出功率限制值加 8 dB。方向性增益值計算同(a)。

(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。

5.2.3. 測試架構圖



5.2.4.峰值傳導輸出功率測試結果

Power output test was verified over all data rates of each mode shown as below table, and then choose the maximum power output (gray marker) for final test of each channel.

Output power at various data rates for OAW-AP1361 Ant 0 / Ant 0+1 port:

Test Mode	Bandwidth (MHz)	Channel No.	Frequency (MHz)	Data Rate/ MCS	Average Power (dBm)
802.11b	20	6	2437	1Mbps	21.67
				5.5Mbps	21.47
				11Mbps	21.31
802.11g	20	6	2437	6Mbps	21.10
				24Mbps	20.97
				54Mbps	20.74
802.11n	20	6	2437	MCS0	22.23
				MCS3	22.04
				MCS7	21.88
802.11n	40	6	2437	MCS0	22.13
				MCS3	21.98
				MCS7	21.77
VHT	20	6	2437	MCS0	22.32
				MCS4	22.11
				MCS9	21.85
VHT	40	6	2437	MCS0	21.93
				MCS4	21.70
				MCS9	21.63
802.11ax	20	6	2437	MCS0	21.19
				MCS5	21.01
				MCS11	20.80
802.11ax	40	6	2437	MCS0	22.14
				MCS5	21.89
				MCS11	21.64

Output power at various data rates for Scan Antenna:

Test Mode	Bandwidth (MHz)	Channel No.	Frequency (MHz)	Data Rate/ MCS	Average Power (dBm)
802.11b	20	6	2437	1Mbps	11.39
				5.5Mbps	11.11
				11Mbps	11.87
802.11g	20	6	2437	6Mbps	10.59
				24Mbps	10.34
				54Mbps	10.19

Product	無線基地台	Temperature	23 ~ 25°C
Test Engineer	Fran Chen	Relative Humidity	46 ~ 54%
Test Site	SR1	Test Date	2020/03/10 ~ 2020/03/20
Configuration	OAW-AP1361 & OAW-AP1362 (CDD Mode)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11b	1Mbps	01	2412	21.10	20.97	24.05	≤ 30.00	Pass
11b	1Mbps	06	2437	21.48	21.36	24.43	≤ 30.00	Pass
11b	1Mbps	11	2462	21.96	21.54	24.77	≤ 30.00	Pass
11g	6Mbps	01	2412	20.42	19.85	23.15	≤ 30.00	Pass
11g	6Mbps	06	2437	21.54	21.57	24.57	≤ 30.00	Pass
11g	6Mbps	11	2462	21.24	20.39	23.85	≤ 30.00	Pass
11n-HT20	MCS0	01	2412	18.33	17.65	21.01	≤ 30.00	Pass
11n-HT20	MCS0	06	2437	21.54	21.40	24.48	≤ 30.00	Pass
11n-HT20	MCS0	11	2462	20.82	20.46	23.65	≤ 30.00	Pass
11n-HT40	MCS0	03	2422	14.54	13.78	17.19	≤ 30.00	Pass
11n-HT40	MCS0	06	2437	21.54	21.46	24.51	≤ 30.00	Pass
11n-HT40	MCS0	09	2452	18.69	18.56	21.64	≤ 30.00	Pass
11VHT20	MCS0	01	2412	19.16	18.71	21.95	≤ 30.00	Pass
11VHT20	MCS0	06	2437	21.20	21.26	24.24	≤ 30.00	Pass
11VHT20	MCS0	11	2462	21.78	21.31	24.56	≤ 30.00	Pass
11VHT40	MCS0	03	2422	15.13	14.92	18.04	≤ 30.00	Pass
11VHT40	MCS0	06	2437	21.16	21.57	24.38	≤ 30.00	Pass
11VHT40	MCS0	09	2452	19.08	18.99	22.05	≤ 30.00	Pass
11ax-HE20	MCS0	01	2412	18.49	17.61	21.08	≤ 30.00	Pass
11ax-HE20	MCS0	06	2437	21.48	21.63	24.57	≤ 30.00	Pass
11ax-HE20	MCS0	11	2462	20.05	19.52	22.80	≤ 30.00	Pass
11ax-HE40	MCS0	03	2422	15.50	15.09	18.31	≤ 30.00	Pass
11ax-HE40	MCS0	06	2437	21.51	21.42	24.48	≤ 30.00	Pass
11ax-HE40	MCS0	09	2452	18.88	18.58	21.74	≤ 30.00	Pass

Note:

1. Total Average Power (dBm) = $10 \cdot \log[10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}]$ (dBm).

Product	無線基地台	Temperature	23 ~ 25°C
Test Engineer	Fran Chen	Relative Humidity	46 ~ 54%
Test Site	SR1	Test Date	2020/03/10 ~ 2020/03/20
Configuration	OAW-AP1361 & OAW-AP1362 (Beamforming Mode)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11n-HT20	MCS0	01	2412	18.33	17.65	21.01	≤ 27.99	Pass
11n-HT20	MCS0	06	2437	19.89	19.85	22.88	≤ 27.99	Pass
11n-HT20	MCS0	11	2462	19.62	19.27	22.46	≤ 27.99	Pass
11n-HT40	MCS0	03	2422	14.54	13.78	17.19	≤ 27.99	Pass
11n-HT40	MCS0	06	2437	19.95	19.82	22.90	≤ 27.99	Pass
11n-HT40	MCS0	09	2452	18.69	18.56	21.64	≤ 27.99	Pass
11VHT20	MCS0	01	2412	19.16	18.71	21.95	≤ 27.99	Pass
11VHT20	MCS0	06	2437	19.77	19.68	22.74	≤ 27.99	Pass
11VHT20	MCS0	11	2462	19.69	19.2	22.46	≤ 27.99	Pass
11VHT40	MCS0	03	2422	15.13	14.92	18.04	≤ 27.99	Pass
11VHT40	MCS0	06	2437	19.49	20.06	22.79	≤ 27.99	Pass
11VHT40	MCS0	09	2452	19.08	18.99	22.05	≤ 27.99	Pass
11ax-HE20	MCS0	01	2412	18.49	17.61	21.08	≤ 27.99	Pass
11ax-HE20	MCS0	06	2437	19.77	20.03	22.91	≤ 27.99	Pass
11ax-HE20	MCS0	11	2462	19.65	19.52	22.60	≤ 27.99	Pass
11ax-HE40	MCS0	03	2422	15.5	15.09	18.31	≤ 27.99	Pass
11ax-HE40	MCS0	06	2437	19.79	19.9	22.86	≤ 27.99	Pass
11ax-HE40	MCS0	09	2452	18.88	18.58	21.74	≤ 27.99	Pass

Note:

1. Total Average Power (dBm) = $10 \cdot \log[10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}]$ (dBm).

Product	無線基地台	Temperature	23 ~ 25°C
Test Engineer	Fran Chen	Relative Humidity	46 ~ 54%
Test Site	SR1	Test Date	2020/03/10 ~ 2020/03/20
Configuration	OAW-AP1361D (CDD Mode)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11b	1Mbps	01	2412	21.28	21.09	24.20	≤ 28.50	Pass
11b	1Mbps	06	2437	21.67	21.60	24.65	≤ 28.50	Pass
11b	1Mbps	11	2462	21.11	21.03	24.08	≤ 28.50	Pass
11g	6Mbps	01	2412	19.92	19.81	22.88	≤ 28.50	Pass
11g	6Mbps	06	2437	21.10	21.38	24.25	≤ 28.50	Pass
11g	6Mbps	11	2462	21.05	21.18	24.13	≤ 28.50	Pass
11n-HT20	MCS0	01	2412	18.78	18.68	21.74	≤ 28.50	Pass
11n-HT20	MCS0	06	2437	22.23	22.24	25.25	≤ 28.50	Pass
11n-HT20	MCS0	11	2462	20.00	20.08	23.05	≤ 28.50	Pass
11n-HT40	MCS0	03	2422	14.12	14.14	17.14	≤ 28.50	Pass
11n-HT40	MCS0	06	2437	22.13	22.22	25.19	≤ 28.50	Pass
11n-HT40	MCS0	09	2452	16.45	16.73	19.60	≤ 28.50	Pass
11VHT20	MCS0	01	2412	17.54	17.41	20.49	≤ 28.50	Pass
11VHT20	MCS0	06	2437	22.32	22.31	25.33	≤ 28.50	Pass
11VHT20	MCS0	11	2462	19.52	19.30	22.42	≤ 28.50	Pass
11VHT40	MCS0	03	2422	14.36	14.22	17.30	≤ 28.50	Pass
11VHT40	MCS0	06	2437	21.93	22.54	25.26	≤ 28.50	Pass
11VHT40	MCS0	09	2452	16.88	17.16	20.03	≤ 28.50	Pass
11ax-HE20	MCS0	01	2412	18.11	17.91	21.02	≤ 28.50	Pass
11ax-HE20	MCS0	06	2437	21.19	21.51	24.36	≤ 28.50	Pass
11ax-HE20	MCS0	11	2462	19.92	19.59	22.77	≤ 28.50	Pass
11ax-HE40	MCS0	03	2422	14.12	14.32	17.23	≤ 28.50	Pass
11ax-HE40	MCS0	06	2437	22.14	22.57	25.37	≤ 28.50	Pass
11ax-HE40	MCS0	09	2452	16.83	17.77	20.34	≤ 28.50	Pass

Note:

1. Total Average Power (dBm) = $10 \cdot \log[10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}]$ (dBm).

Product	無線基地台	Temperature	23 ~ 25°C
Test Engineer	Fran Chen	Relative Humidity	46 ~ 54%
Test Site	SR1	Test Date	2020/03/10 ~ 2020/03/20
Configuration	OAW-AP1361D (Beamforming Mode)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
11n-HT20	MCS0	01	2412	18.93	18.55	21.75	≤ 25.49	Pass
11n-HT20	MCS0	06	2437	22.29	22.36	25.34	≤ 25.49	Pass
11n-HT20	MCS0	11	2462	19.87	19.89	22.89	≤ 25.49	Pass
11n-HT40	MCS0	03	2422	14.16	14.42	17.30	≤ 25.49	Pass
11n-HT40	MCS0	06	2437	21.84	22.22	25.04	≤ 25.49	Pass
11n-HT40	MCS0	09	2452	16.45	16.63	19.55	≤ 25.49	Pass
11VHT20	MCS0	01	2412	17.52	17.44	20.49	≤ 25.49	Pass
11VHT20	MCS0	06	2437	22.08	22.50	25.31	≤ 25.49	Pass
11VHT20	MCS0	11	2462	19.42	19.20	22.32	≤ 25.49	Pass
11VHT40	MCS0	03	2422	14.35	14.12	17.25	≤ 25.49	Pass
11VHT40	MCS0	06	2437	22.09	22.56	25.34	≤ 25.49	Pass
11VHT40	MCS0	09	2452	17.02	17.08	20.06	≤ 25.49	Pass
11ax-HE20	MCS0	01	2412	18.20	18.01	21.12	≤ 25.49	Pass
11ax-HE20	MCS0	06	2437	21.12	21.45	24.30	≤ 25.49	Pass
11ax-HE20	MCS0	11	2462	19.76	19.50	22.64	≤ 25.49	Pass
11ax-HE40	MCS0	03	2422	14.18	14.26	17.23	≤ 25.49	Pass
11ax-HE40	MCS0	06	2437	21.99	22.44	25.23	≤ 25.49	Pass
11ax-HE40	MCS0	09	2452	16.84	17.87	20.40	≤ 25.49	Pass

Note:

1. Total Average Power (dBm) = $10 \cdot \log[10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}]$ (dBm).

Product	無線基地台	Temperature	25°C
Test Engineer	Fran Chen	Relative Humidity	48%
Test Site	SR1	Test Date	2020/03/10
Configuration	OAW-AP1361 & OAW-AP1361D & OAW-AP1362 - Scan Antenna		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Limit (dBm)	Result
11b	1Mbps	01	2412	11.66	≤ 28.80	Pass
11b	1Mbps	06	2437	11.39	≤ 28.80	Pass
11b	1Mbps	11	2462	11.54	≤ 28.80	Pass
11g	6Mbps	01	2412	10.63	≤ 28.80	Pass
11g	6Mbps	06	2437	10.59	≤ 28.80	Pass
11g	6Mbps	11	2462	10.88	≤ 28.80	Pass

Note : The results of OAW-AP1361, OAW-AP1361D and OAW-AP1362 are the same, and we use the max antenna gain (OAW-AP1361D) to calculate the limit.

5.3. 天線之要求

5.3.1. 適用標準

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)	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)									
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 External 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/VHT/ac/ax and Beam Forming technology for 802.11n/VHT/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. 輻射干擾測試

5.4.1. 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 3.10.1.5 節，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) 輸出功率以低功率射頻電機技術規範 3.10.1(2)(2.3) 之最大傳導輸出功率量測方式者，至少須衰減 30 dB。

此外，落於第 2.7 節禁用頻段之輻射發射，應符合第 2.8 節之規定。

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

頻 率(兆赫)	電場強度(微伏/公尺)	測距(公尺)
0.009 - 0.490(含)	2,400/頻率(千赫)	300
0.490 (不含) - 1.705 (含)	24,000/頻率(千赫)	30
1.705(不含) - 30 (不含)	30	30
30 (含) - 88 (含)	100	3
88 (不含) - 216 (含)	150	3
216 (不含) - 960 (含)	200	3
960 (不含)以上	500	3

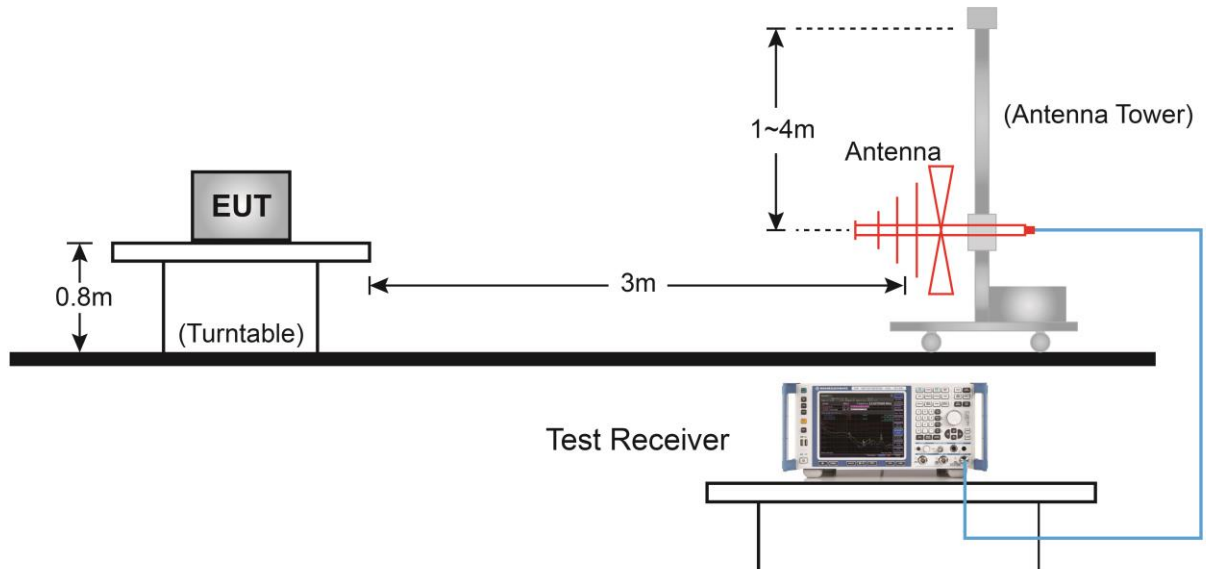
上表規定之電場強度，頻率在 9-90kHz 千赫(kHz)、110-490 千赫(kHz)以及 1000 兆赫(MHz)以上之發射，其量測以平均值檢波器為基準，且須符合第 5.14 節之規定；其他頻率之發射，應以 CISPR 準峰值(quasi-peak) 檢波器測量；非以上表所指定之距離測量時須符合第 5.5 節之規定，而輻射發射之量測頻率範圍須符合第 5.12 節之規定。

5.4.2. 量測方法

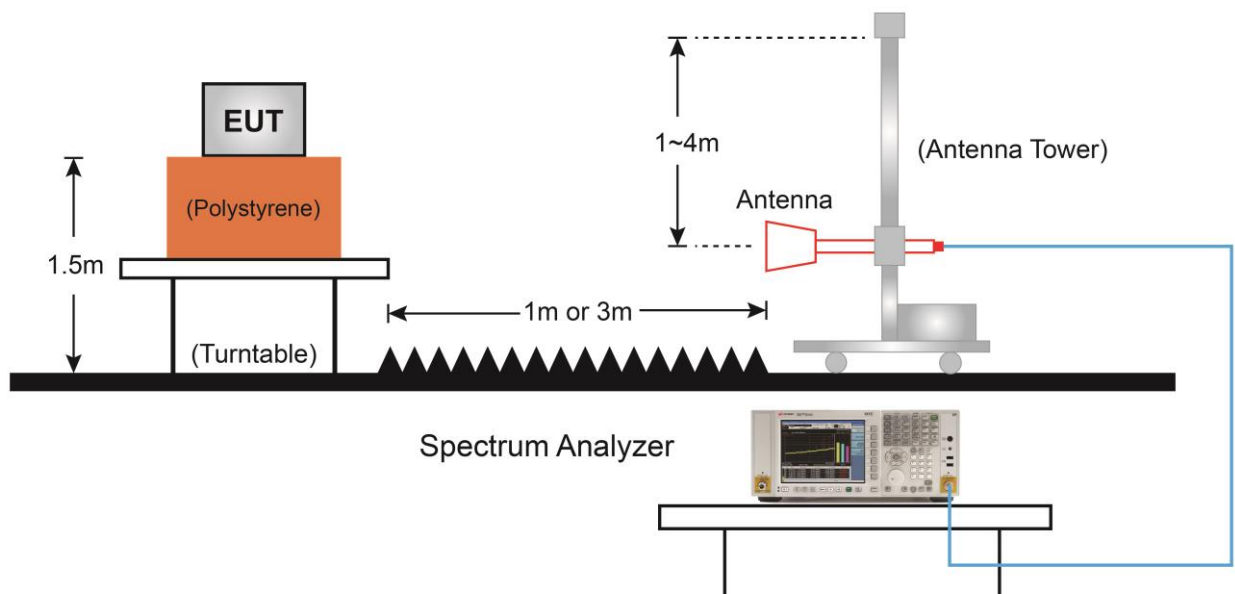
低頻待測物置於高 80 公分之非導體桌面（落地型產品置於地上），高頻待測物置於高 150 公分之非導體桌面，受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度。接收天線並應於水準及垂直極化方向各量測一次。（待測物擺設方式根據 ANSI C63.10-2013 版本，待測物放置桌中心，1G 以下擺設高度為 80cm/1G 以上擺設高度為 150cm）

5.4.3.測試架構圖

Below 1GHz Test Setup:



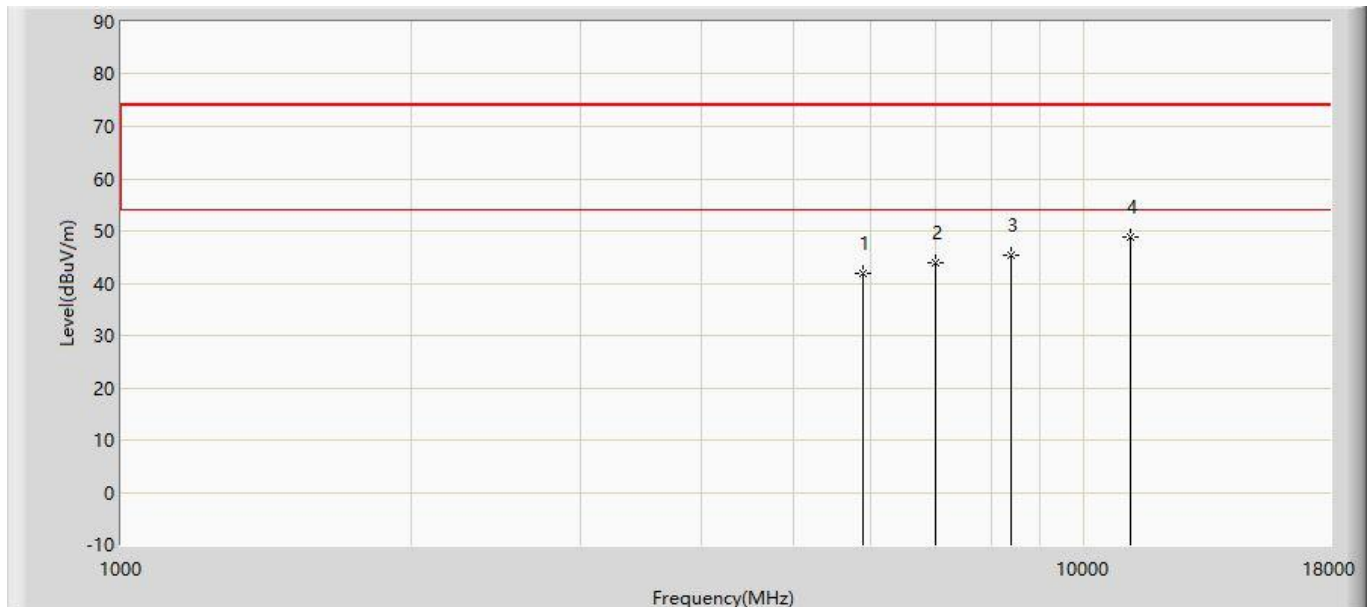
Above 1GHz Test Setup:



5.4.4.輻射干擾測試結果

Mode No.: OAW-AP1361

Site: AC1	Time: 2020/04/24 - 13:46
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2412MHz with OAW-AP1361 (CDD Mode)	

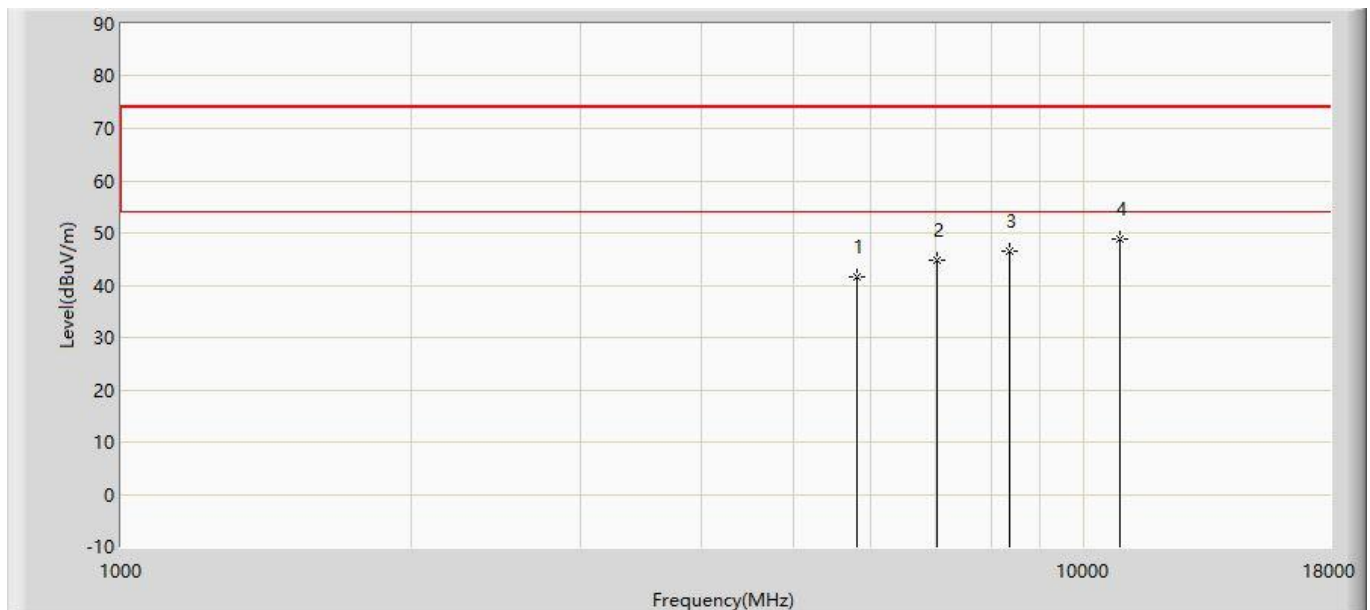


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5896.000	41.948	36.558	-32.052	74.000	5.390	PK
2			7001.000	44.035	33.433	-29.965	74.000	10.602	PK
3			8386.500	45.254	32.850	-28.746	74.000	12.404	PK
4		*	11191.500	48.981	31.221	-25.019	74.000	17.760	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: 2020/04/24 - 13:46
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2412MHz with OAW-AP1361 (CDD Mode)	

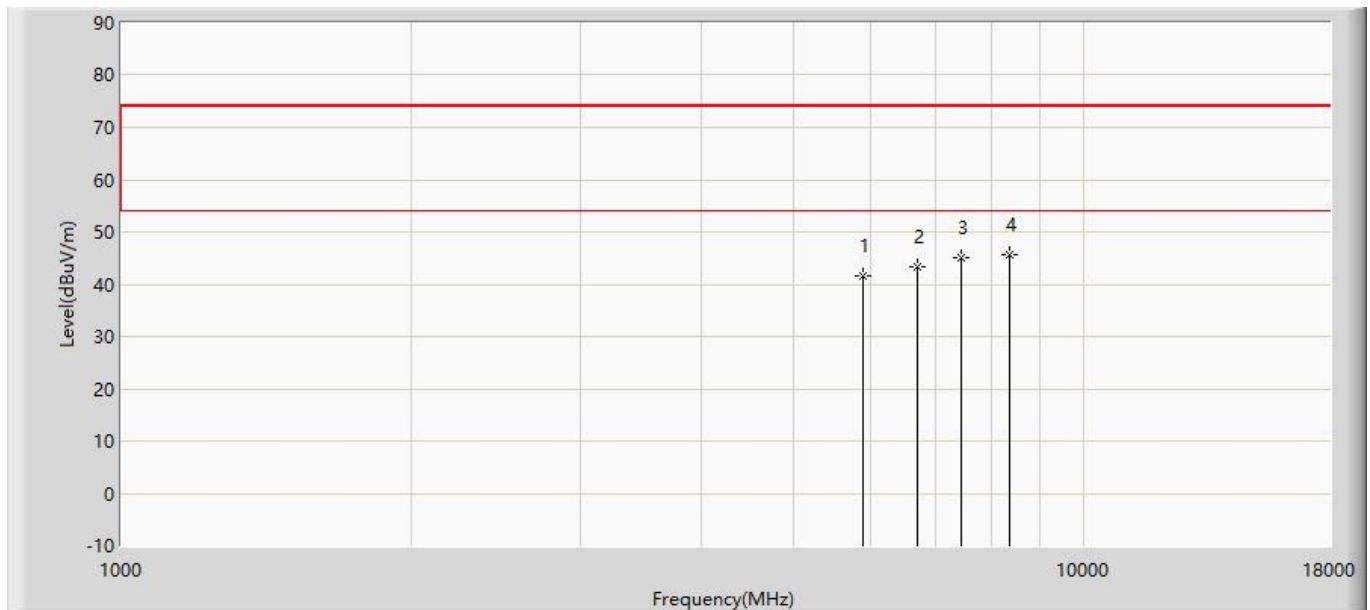


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.500	41.595	36.498	-32.405	74.000	5.098	PK
2			7035.000	44.737	34.059	-29.263	74.000	10.678	PK
3			8378.000	46.513	34.112	-27.487	74.000	12.401	PK
4		*	10911.000	48.896	31.442	-25.104	74.000	17.454	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: 2020/04/24 - 13:46
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

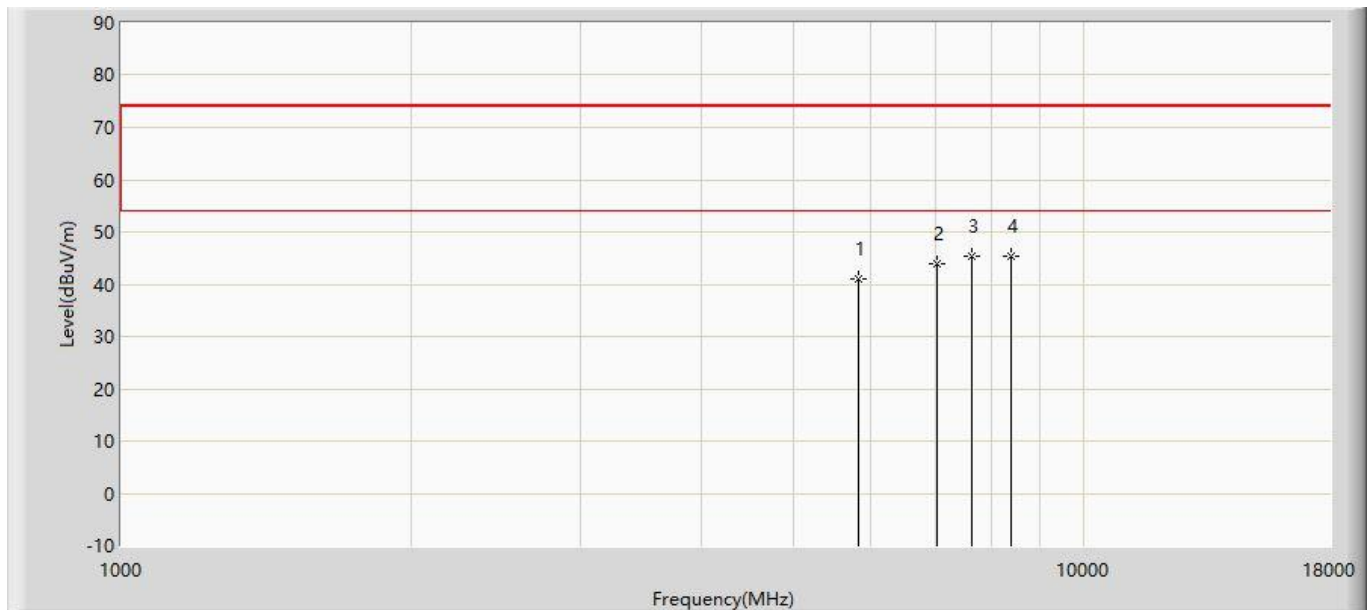


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5887.500	41.729	36.371	-32.271	74.000	5.358	PK
2			6712.000	43.435	34.509	-30.565	74.000	8.926	PK
3			7451.500	45.023	33.416	-28.977	74.000	11.607	PK
4		*	8378.000	45.590	33.189	-28.410	74.000	12.401	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

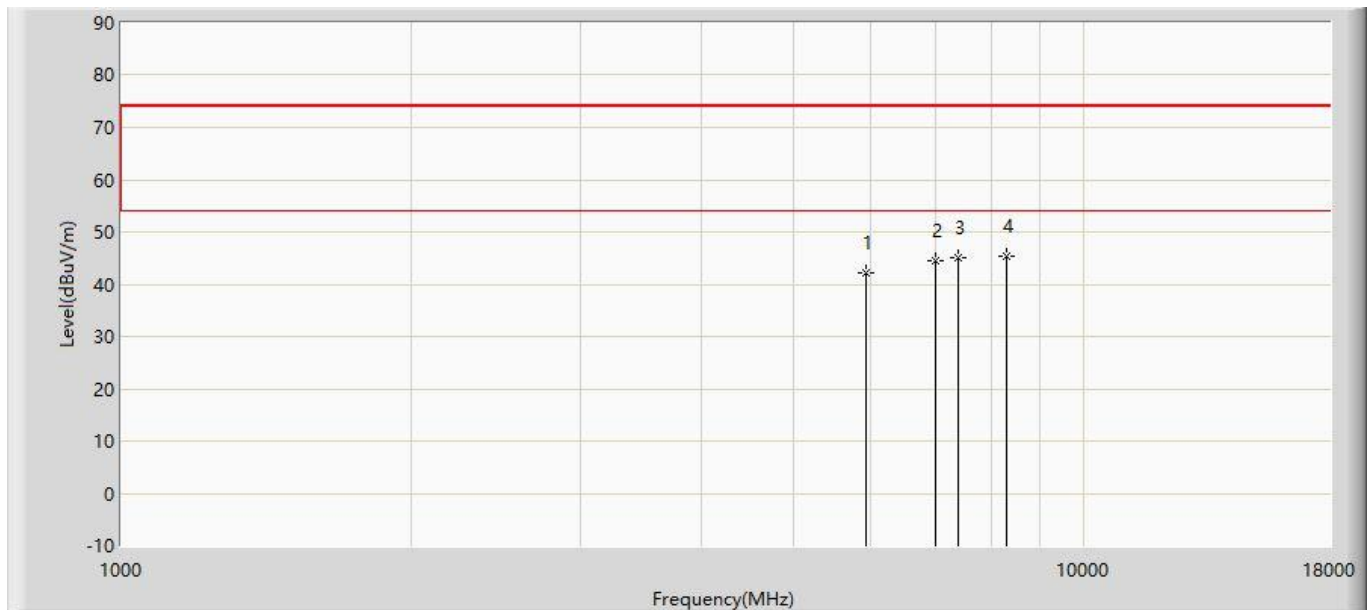


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5836.500	40.987	35.825	-33.013	74.000	5.163	PK
2			7035.000	43.900	33.222	-30.100	74.000	10.678	PK
3			7647.000	45.261	33.394	-28.739	74.000	11.867	PK
4		*	8395.000	45.366	32.958	-28.634	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2462MHz with OAW-AP1361 (CDD Mode)	

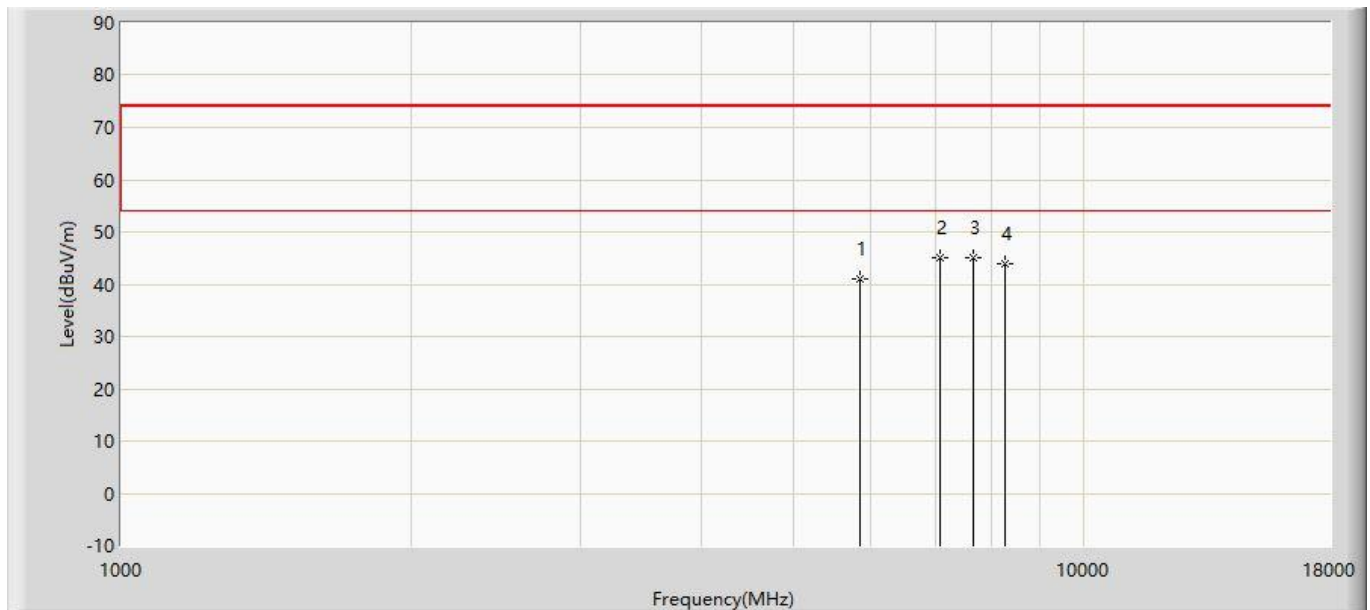


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5947.000	42.141	36.554	-31.859	74.000	5.587	PK
2			7001.000	44.571	33.969	-29.429	74.000	10.602	PK
3			7400.500	44.998	33.505	-29.002	74.000	11.493	PK
4		*	8318.500	45.386	33.013	-28.614	74.000	12.373	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2462MHz with OAW-AP1361 (CDD Mode)	

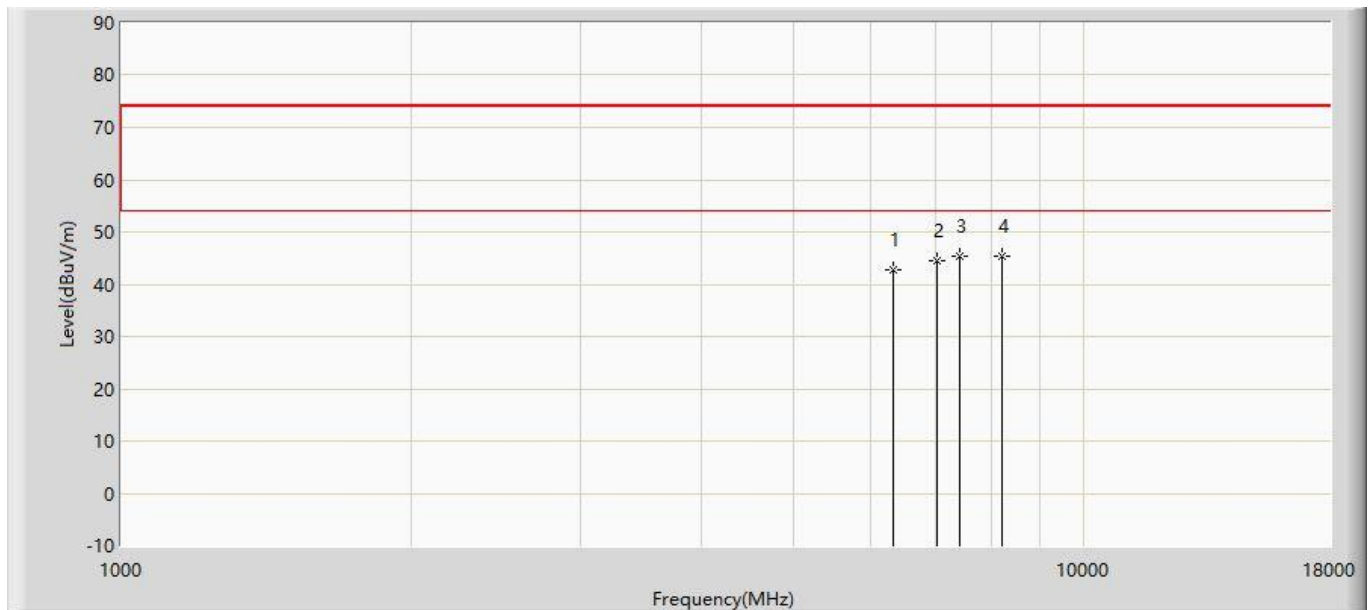


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5853.500	41.014	35.787	-32.986	74.000	5.227	PK
2			7086.000	45.056	34.265	-28.944	74.000	10.791	PK
3		*	7664.000	45.155	33.271	-28.845	74.000	11.884	PK
4			8276.000	43.935	31.581	-30.065	74.000	12.354	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2412MHz with OAW-AP1361 (CDD Mode)	

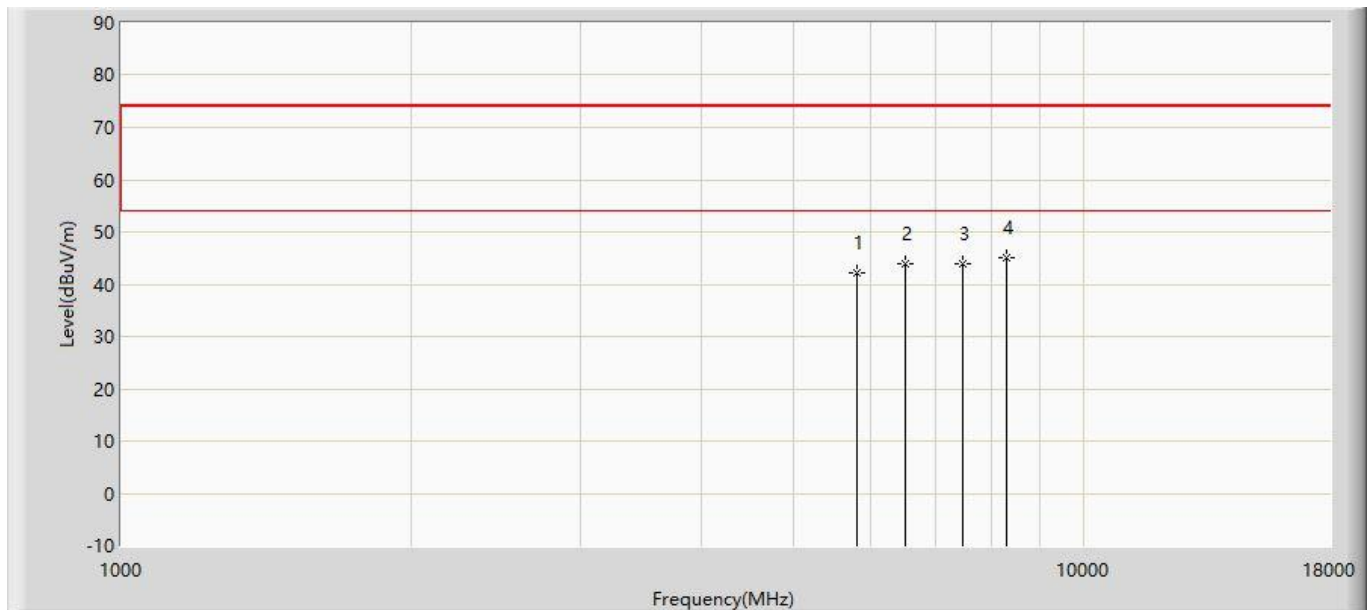


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6338.000	42.703	35.625	-31.297	74.000	7.078	PK
2			7026.500	44.531	33.871	-29.469	74.000	10.660	PK
3		*	7417.500	45.254	33.723	-28.746	74.000	11.530	PK
4			8225.000	45.252	32.920	-28.748	74.000	12.332	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2412MHz with OAW-AP1361 (CDD Mode)	

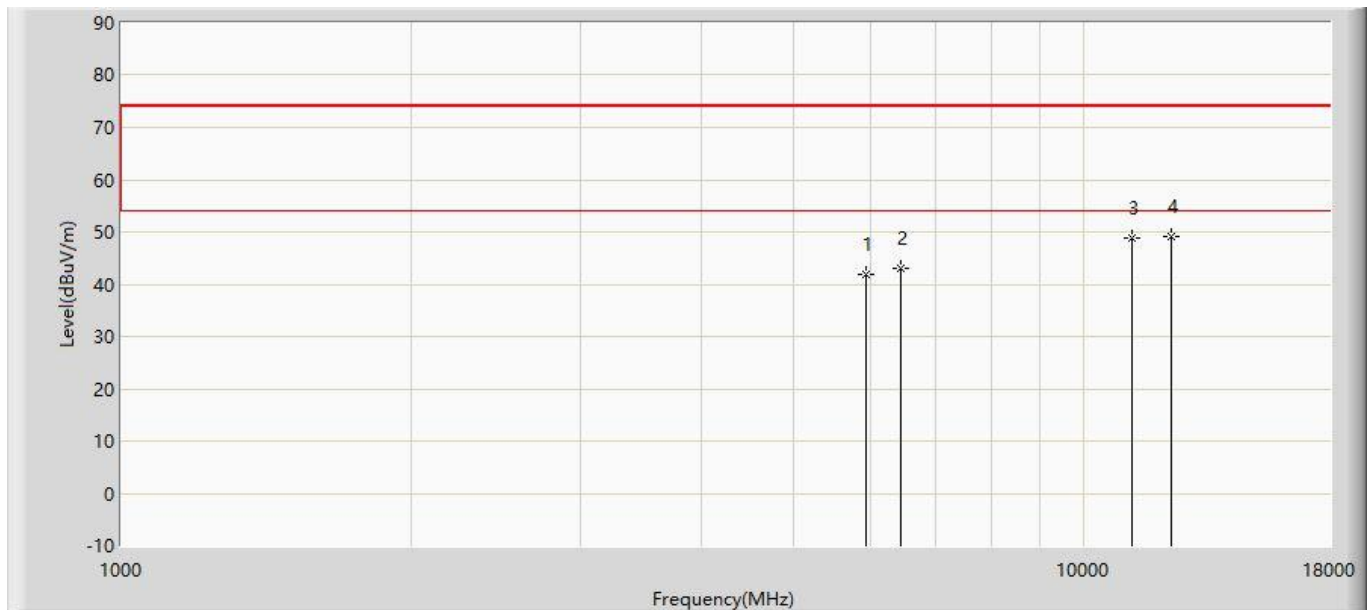


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5811.000	42.149	37.085	-31.851	74.000	5.064	PK
2			6516.500	44.020	36.229	-29.980	74.000	7.790	PK
3			7477.000	43.965	32.302	-30.035	74.000	11.663	PK
4		*	8310.000	45.202	32.833	-28.798	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

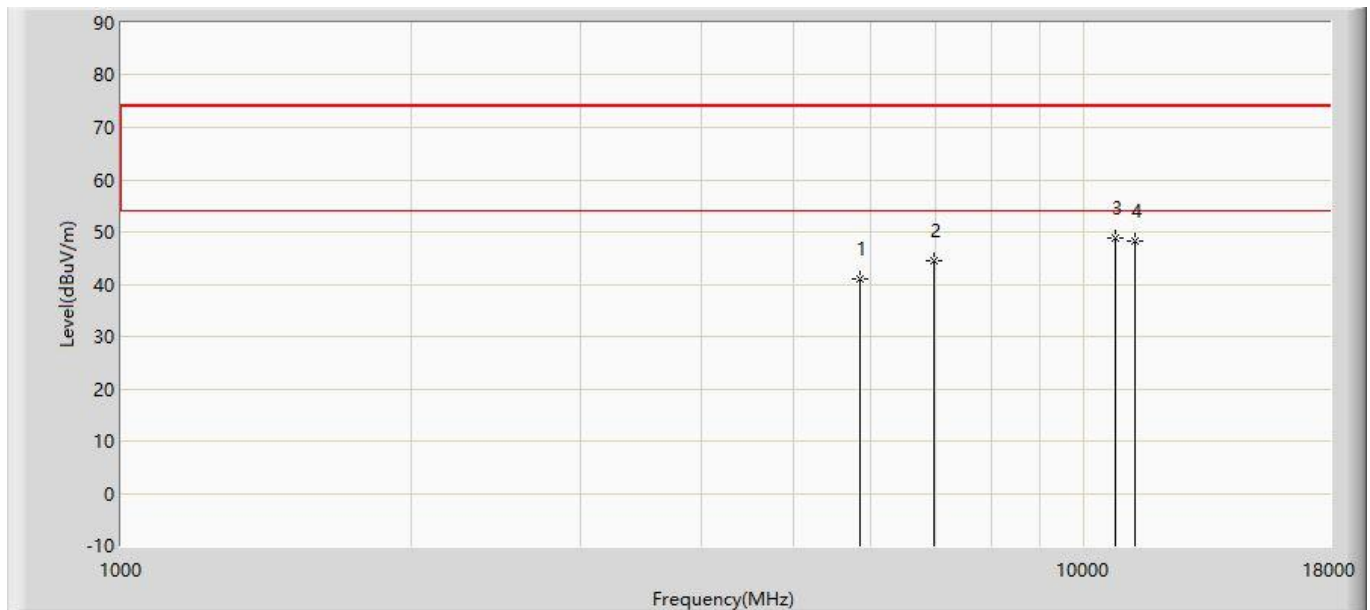


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5930.000	41.814	36.293	-32.186	74.000	5.521	PK
2			6440.000	43.013	35.546	-30.987	74.000	7.467	PK
3			11200.000	48.722	30.954	-25.278	74.000	17.768	PK
4		*	12313.500	49.027	31.216	-24.973	74.000	17.812	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

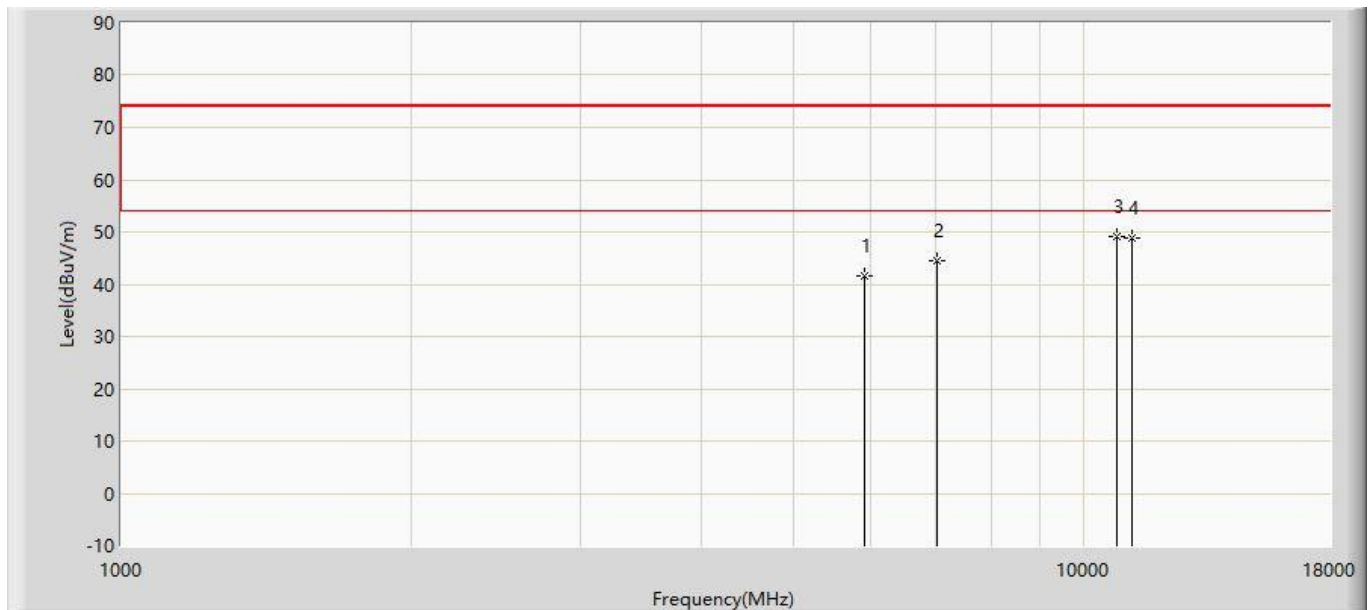


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5853.500	41.132	35.905	-32.868	74.000	5.227	PK
2			6984.000	44.389	33.882	-29.611	74.000	10.507	PK
3		*	10783.500	48.721	31.448	-25.279	74.000	17.273	PK
4			11285.000	48.284	30.437	-25.716	74.000	17.847	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2462MHz with OAW-AP1361 (CDD Mode)	

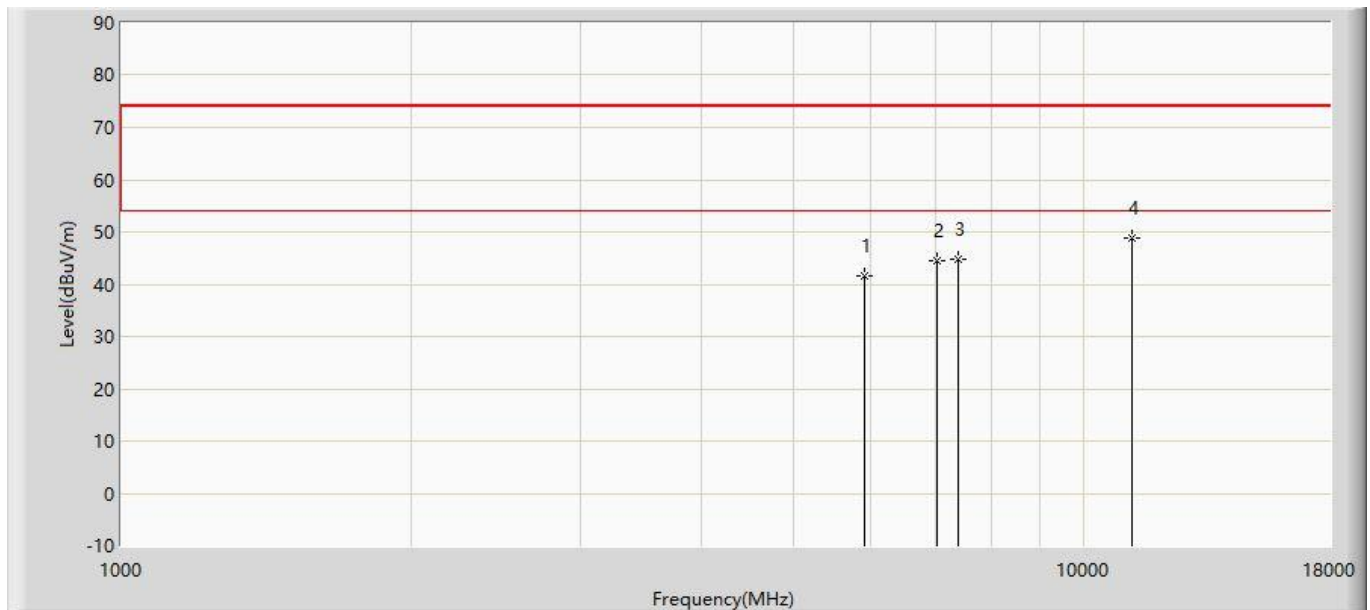


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5921.500	41.733	36.245	-32.267	74.000	5.488	PK
2			7035.000	44.415	33.737	-29.585	74.000	10.678	PK
3		*	10826.000	49.186	31.853	-24.814	74.000	17.333	PK
4			11217.000	48.981	31.197	-25.019	74.000	17.784	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2462MHz with OAW-AP1361 (CDD Mode)	

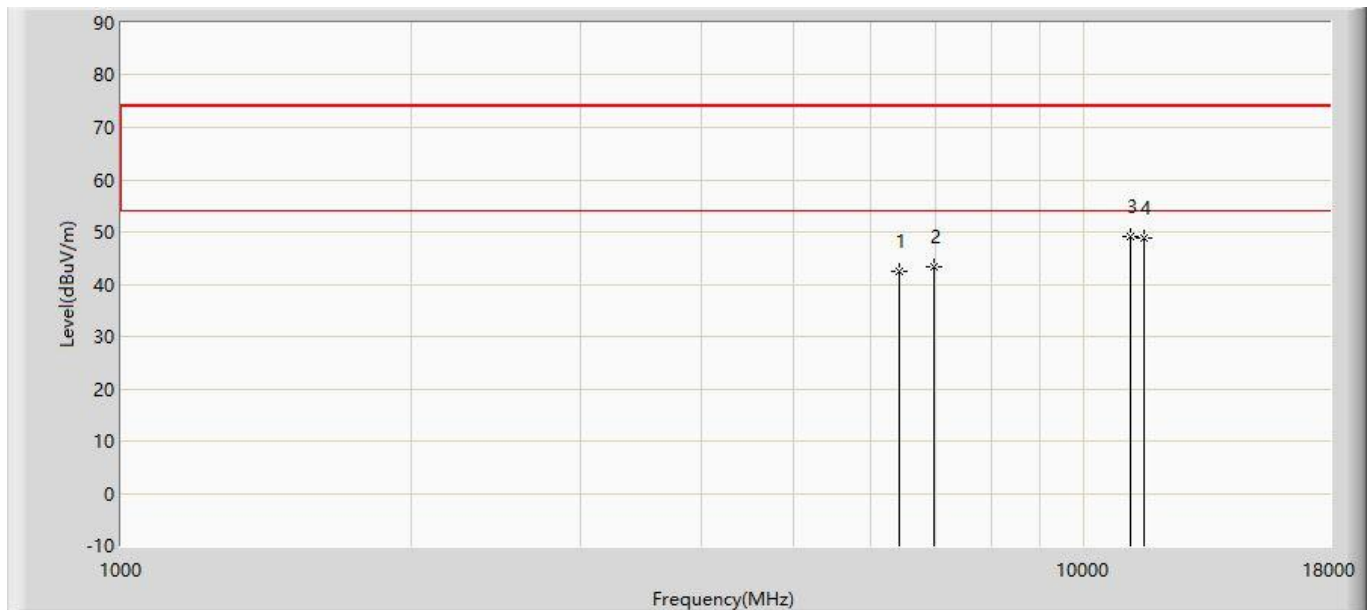


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5921.500	41.733	51.920	-32.267	74.000	-10.187	PK
2			7035.000	44.415	50.421	-29.585	74.000	-6.006	PK
3			7409.000	44.660	50.014	-29.340	74.000	-5.354	PK
4		*	11217.000	48.981	48.818	-25.019	74.000	0.163	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: 2020/04/24 - 13:47
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz with OAW-AP1361 (CDD Mode)	

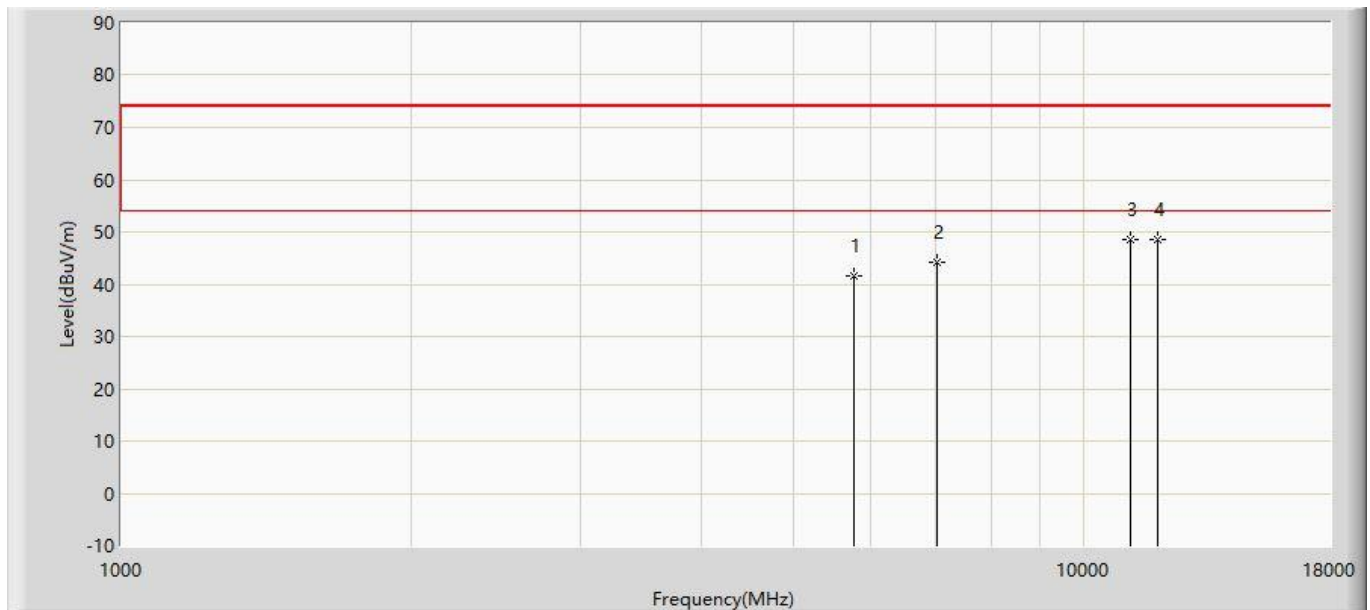


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6431.500	42.334	34.900	-31.666	74.000	7.434	PK
2			6984.000	43.314	32.807	-30.686	74.000	10.507	PK
3		*	11166.000	49.154	31.419	-24.846	74.000	17.735	PK
4			11531.500	48.924	30.888	-25.076	74.000	18.036	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz with OAW-AP1361 (CDD Mode)	

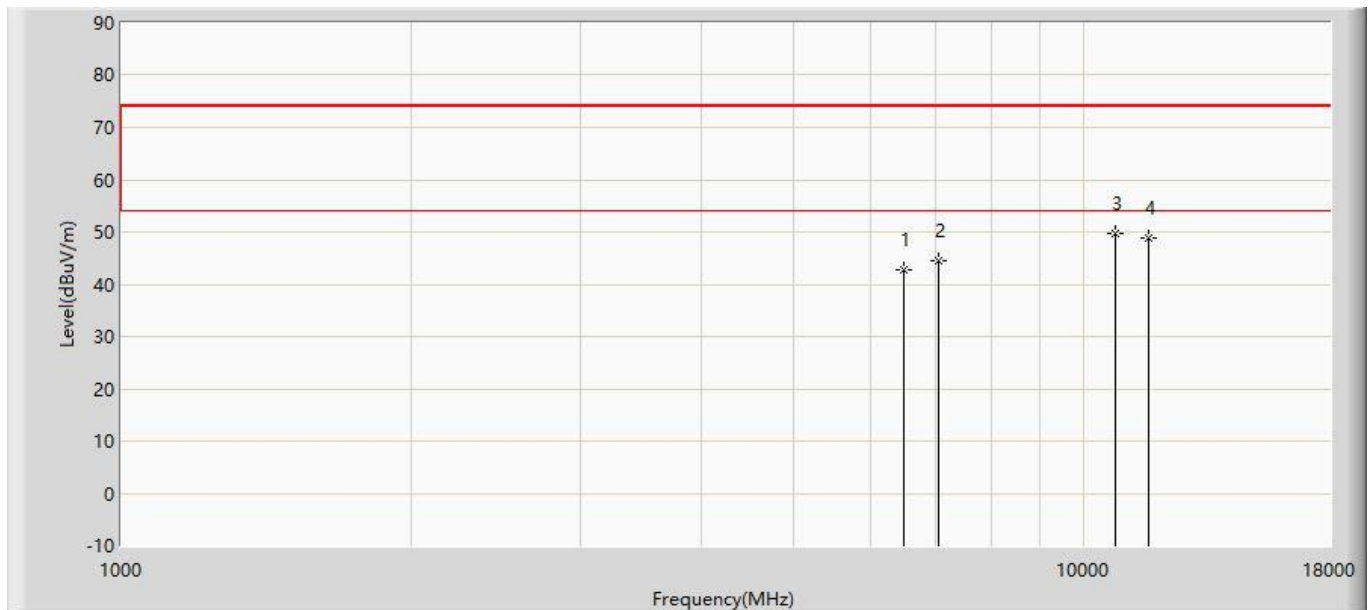


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5768.500	41.639	36.738	-32.361	74.000	4.902	PK
2			7026.500	44.222	33.562	-29.778	74.000	10.660	PK
3		*	11166.000	48.626	30.891	-25.374	74.000	17.735	PK
4			11914.000	48.573	30.713	-25.427	74.000	17.860	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

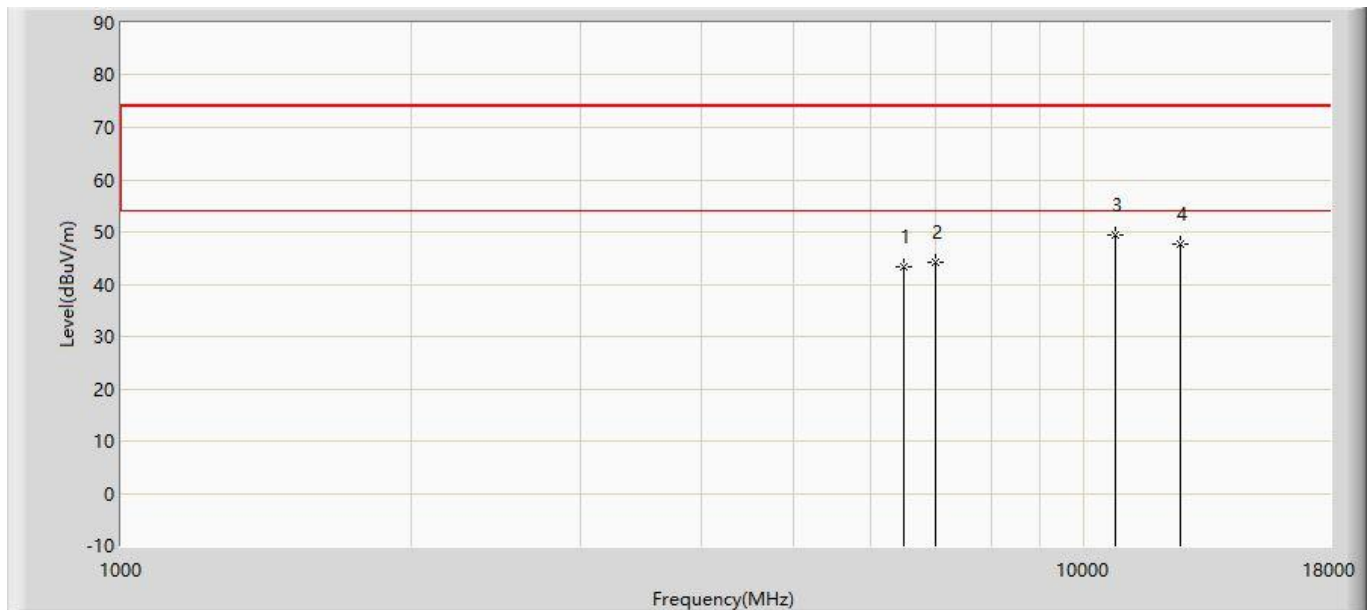


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6491.000	42.824	35.163	-31.176	74.000	7.661	PK
2			7052.000	44.446	33.731	-29.554	74.000	10.715	PK
3		*	10783.500	49.616	32.343	-24.384	74.000	17.273	PK
4			11650.500	48.814	30.833	-25.186	74.000	17.981	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

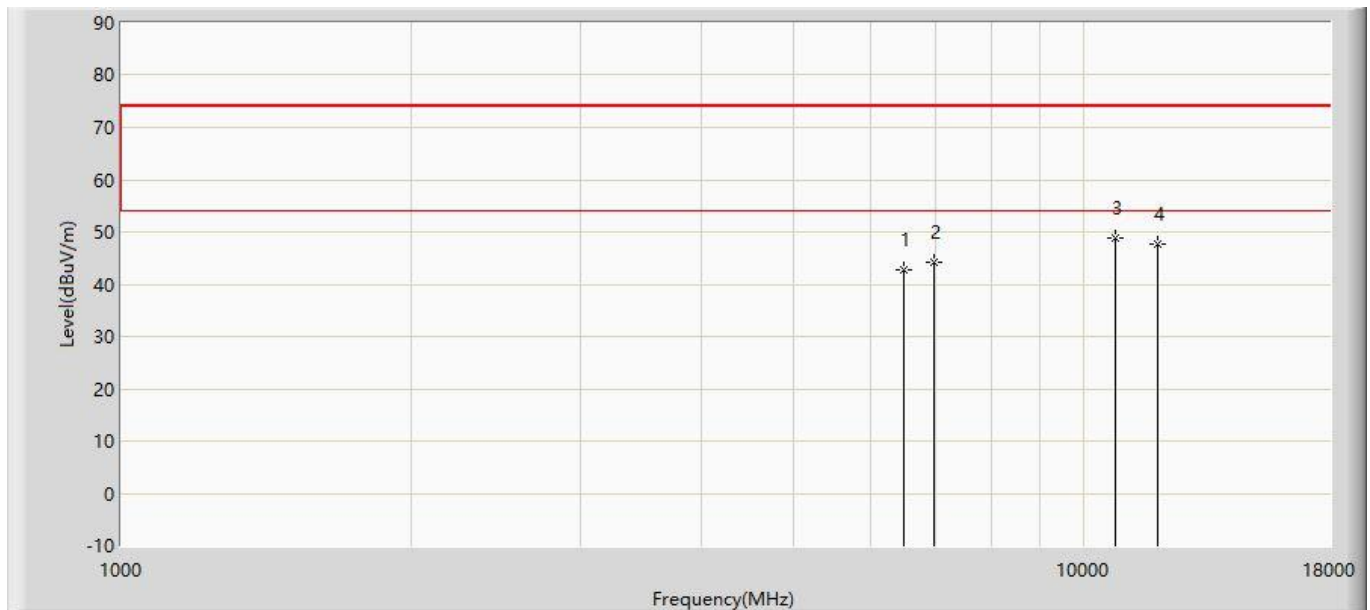


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6491.000	43.283	35.622	-30.717	74.000	7.661	PK
2			7009.500	44.235	33.613	-29.765	74.000	10.622	PK
3		*	10766.500	49.293	32.044	-24.707	74.000	17.249	PK
4			12577.000	47.667	29.664	-26.333	74.000	18.003	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz with OAW-AP1361 (CDD Mode)	

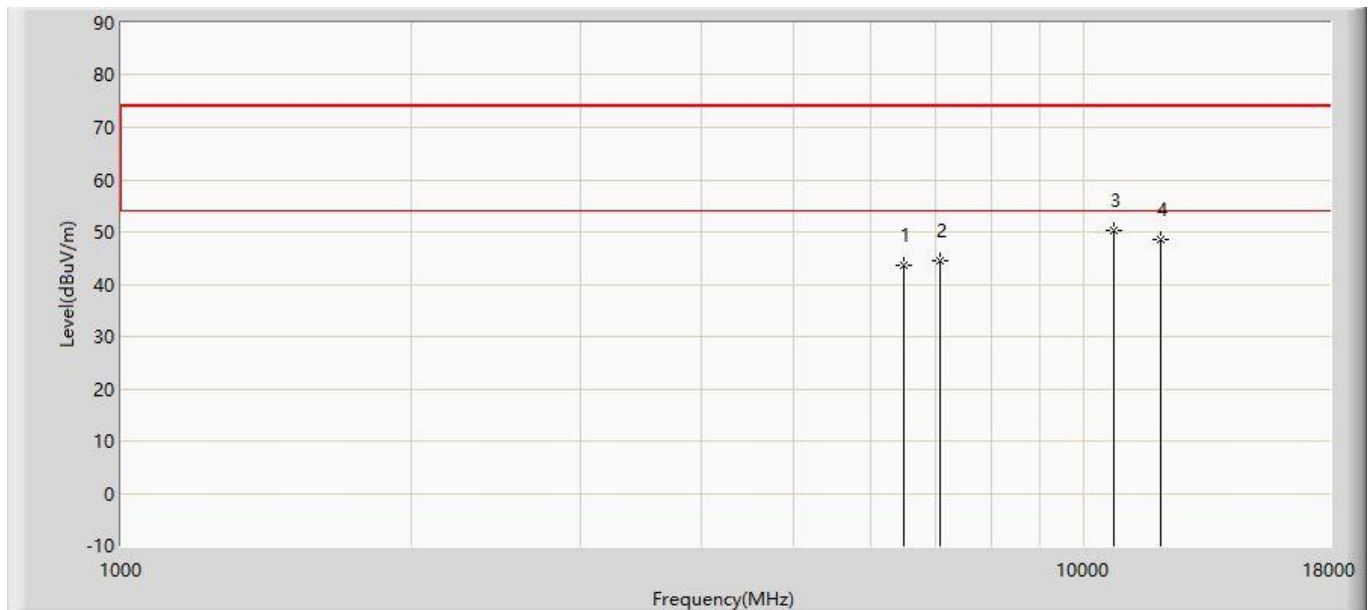


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6499.500	42.738	35.037	-31.262	74.000	7.700	PK
2			6992.500	44.255	33.700	-29.745	74.000	10.555	PK
3		*	10783.500	48.713	31.440	-25.287	74.000	17.273	PK
4			11905.500	47.695	29.831	-26.305	74.000	17.863	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz with OAW-AP1361 (CDD Mode)	

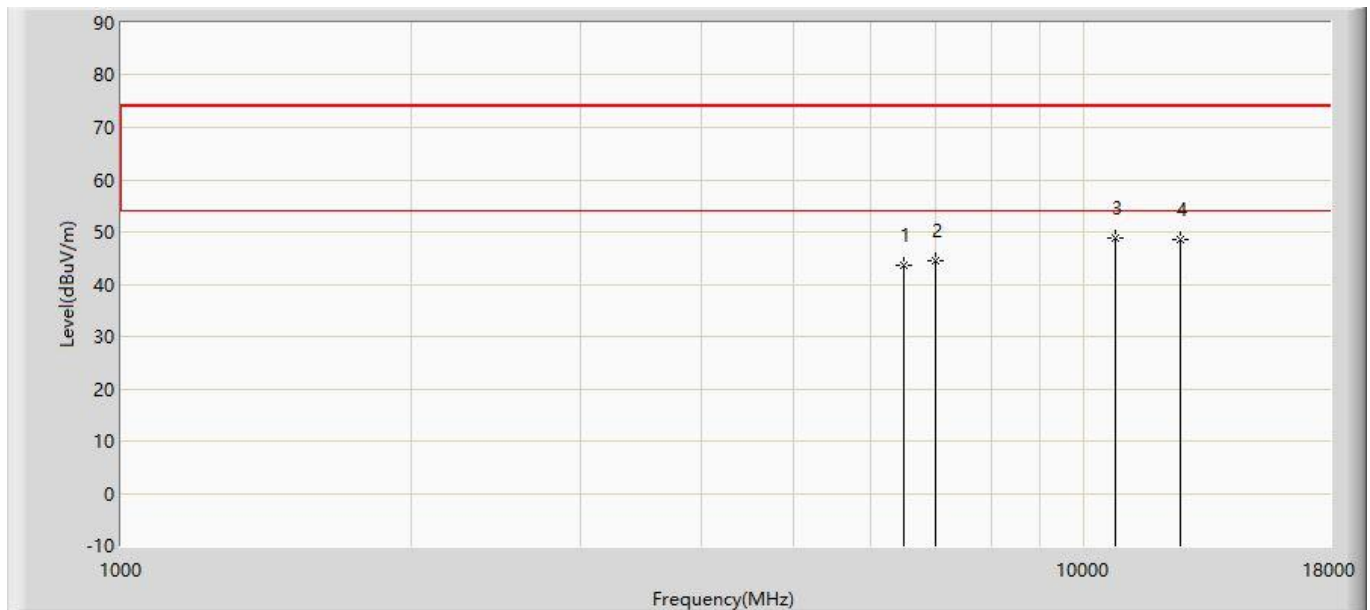


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6508.000	43.693	35.952	-30.307	74.000	7.741	PK
2			7077.500	44.506	33.734	-29.494	74.000	10.773	PK
3		*	10749.500	50.193	32.968	-23.807	74.000	17.225	PK
4			12007.500	48.411	30.592	-25.589	74.000	17.820	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz with OAW-AP1361 (CDD Mode)	

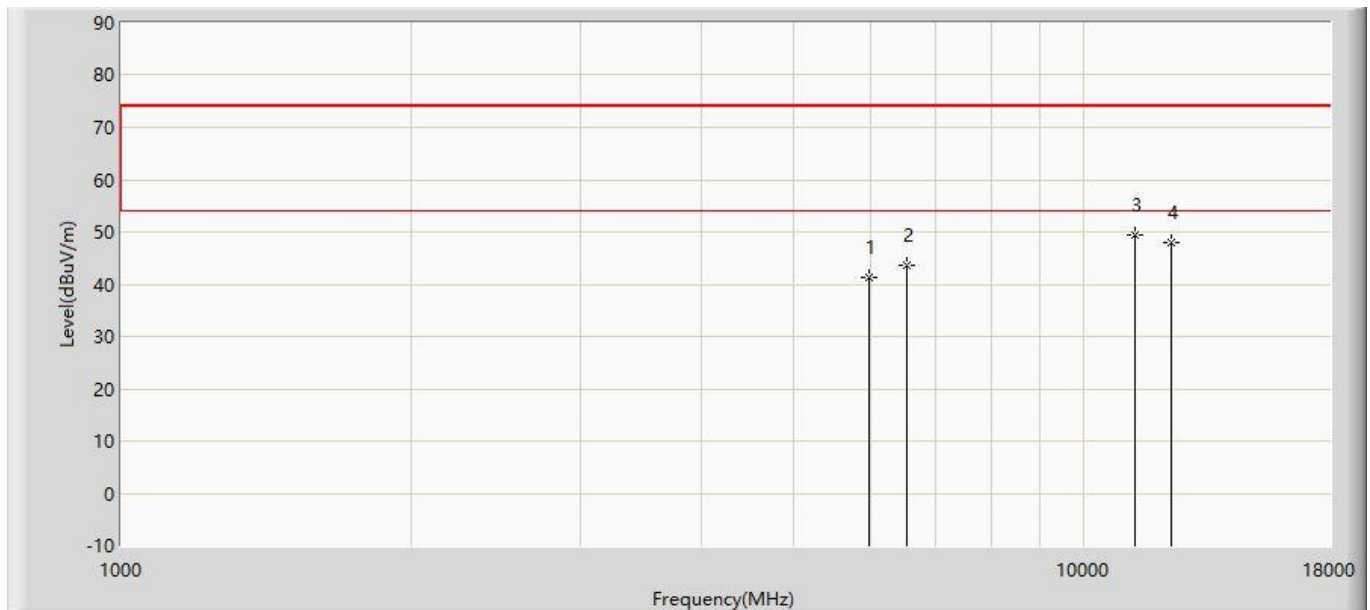


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6491.000	43.670	36.009	-30.330	74.000	7.661	PK
2			7009.500	44.416	33.794	-29.584	74.000	10.622	PK
3		*	10783.500	48.979	31.706	-25.021	74.000	17.273	PK
4			12602.500	48.581	30.513	-25.419	74.000	18.069	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz with OAW-AP1361 (CDD Mode)	

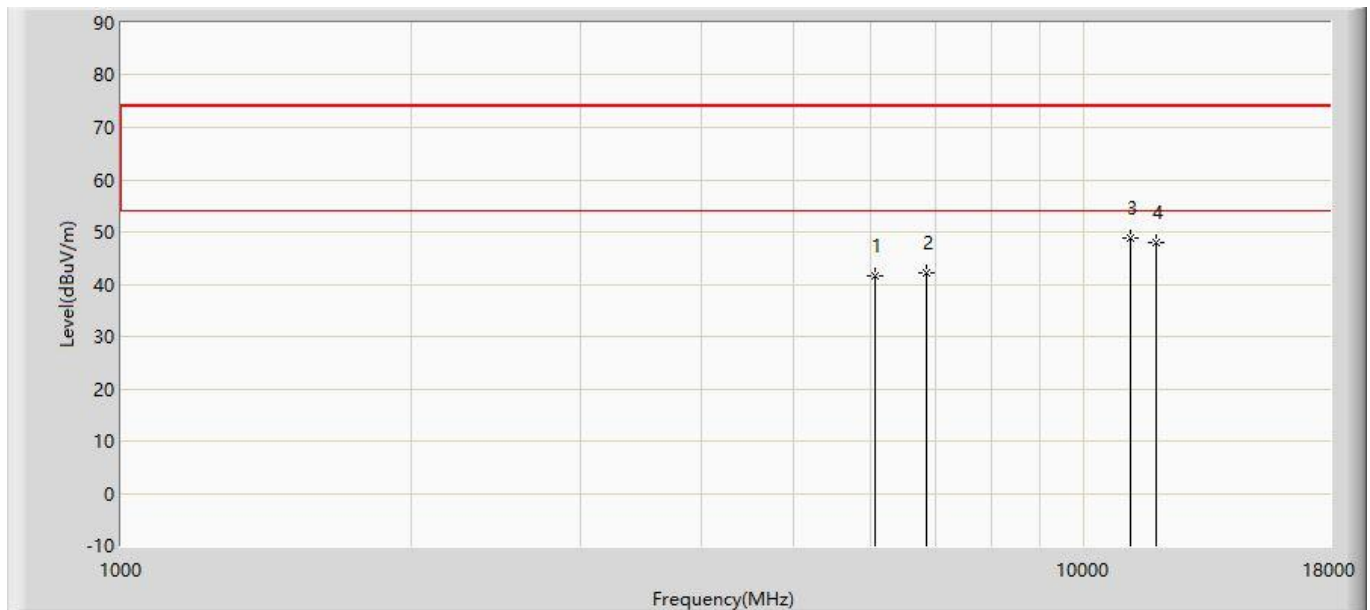


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5972.500	41.286	35.601	-32.714	74.000	5.684	PK
2			6533.500	43.707	35.817	-30.293	74.000	7.891	PK
3		*	11276.500	49.482	31.642	-24.518	74.000	17.840	PK
4			12296.500	48.094	30.283	-25.906	74.000	17.811	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

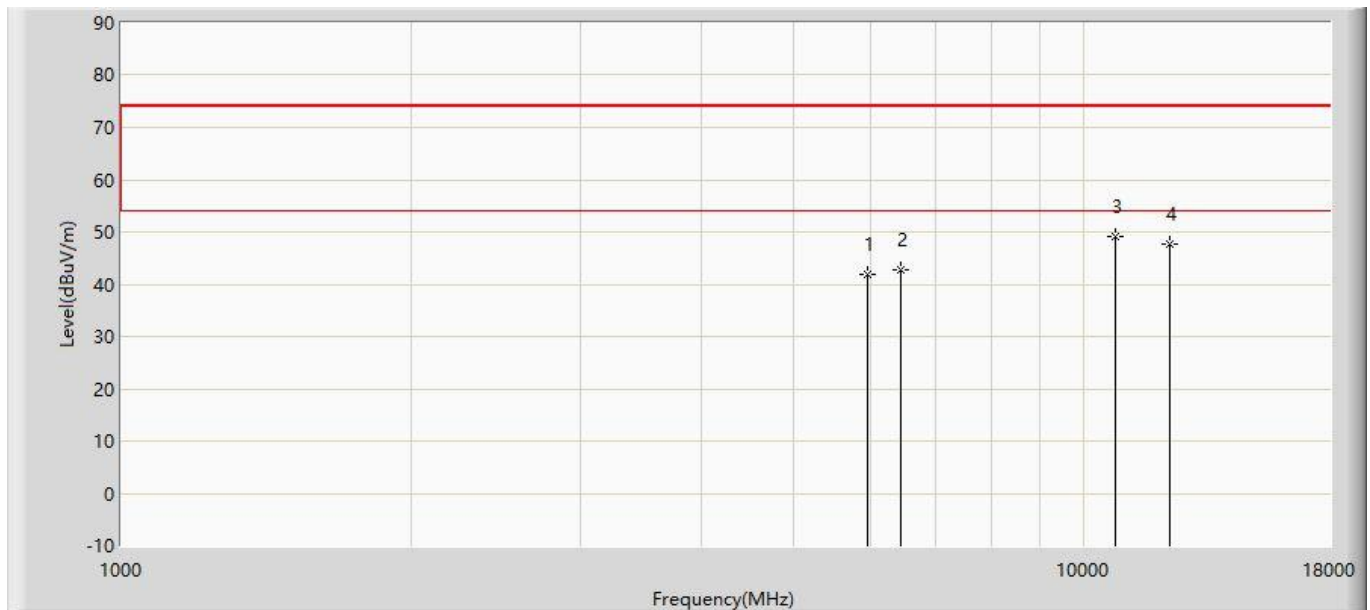


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6066.000	41.538	35.497	-32.462	74.000	6.041	PK
2			6856.500	42.090	32.324	-31.910	74.000	9.766	PK
3		*	11191.500	48.772	31.012	-25.228	74.000	17.760	PK
4			11897.000	48.029	30.162	-25.971	74.000	17.867	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

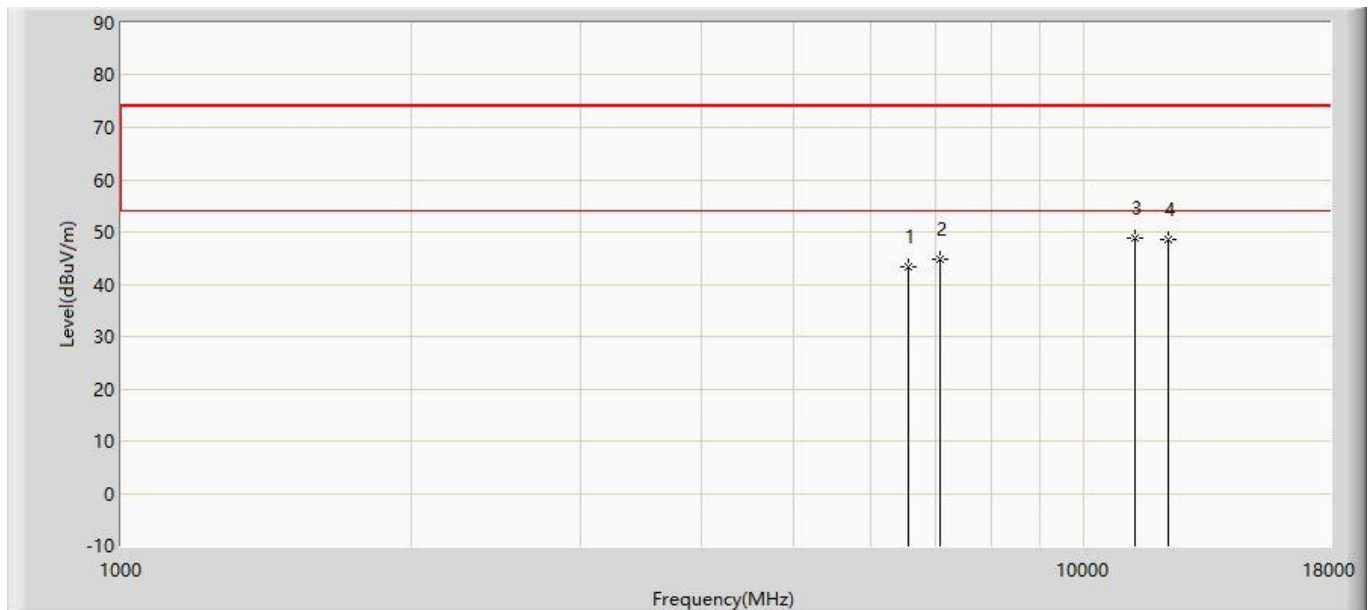


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5955.500	41.955	36.336	-32.045	74.000	5.619	PK
2			6448.500	42.794	35.295	-31.206	74.000	7.498	PK
3		*	10775.000	49.138	31.877	-24.862	74.000	17.261	PK
4			12262.500	47.601	29.789	-26.399	74.000	17.811	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: 2020/04/24 - 13:48
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz with OAW-AP1361 (CDD Mode)	

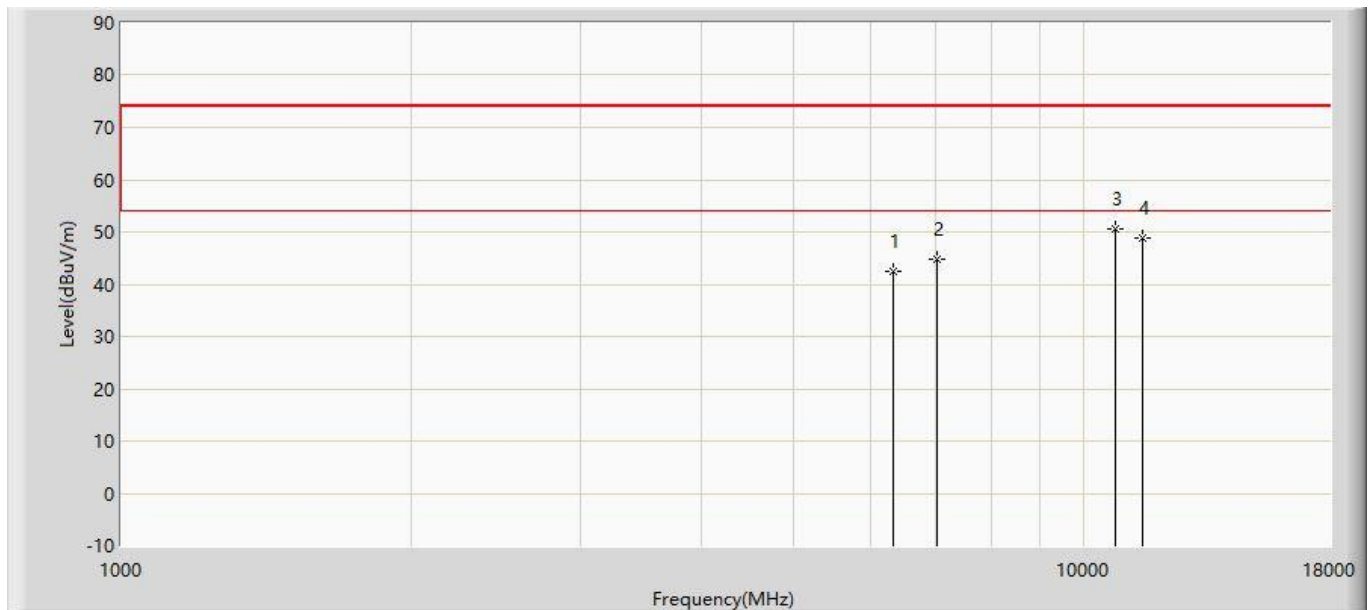


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6576.000	43.365	35.228	-30.635	74.000	8.137	PK
2			7077.500	44.876	34.104	-29.124	74.000	10.773	PK
3		*	11302.000	48.887	31.023	-25.113	74.000	17.864	PK
4			12228.500	48.496	30.682	-25.504	74.000	17.814	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: 2020/04/24 - 13:49
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz with OAW-AP1361 (CDD Mode)	

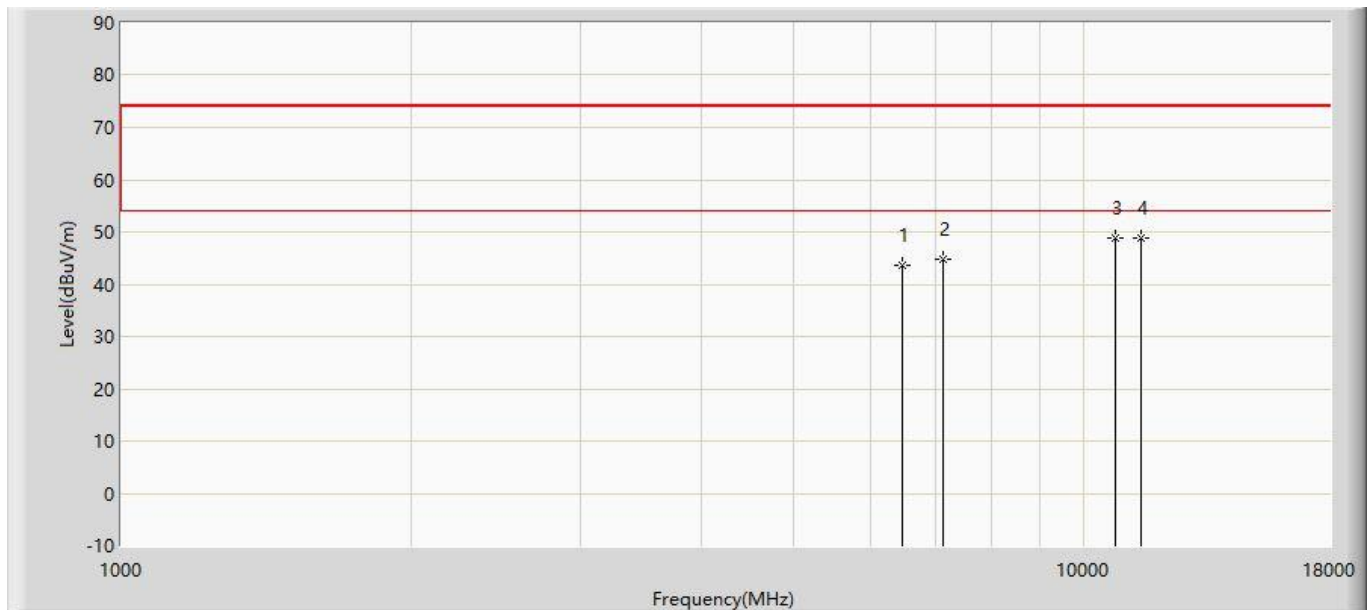


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6329.500	42.380	35.335	-31.620	74.000	7.045	PK
2			7035.000	44.840	34.162	-29.160	74.000	10.678	PK
3		*	10766.500	50.489	33.240	-23.511	74.000	17.249	PK
4			11489.000	48.915	30.875	-25.085	74.000	18.040	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: 2020/04/24 - 13:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz with OAW-AP1361 (CDD Mode)	

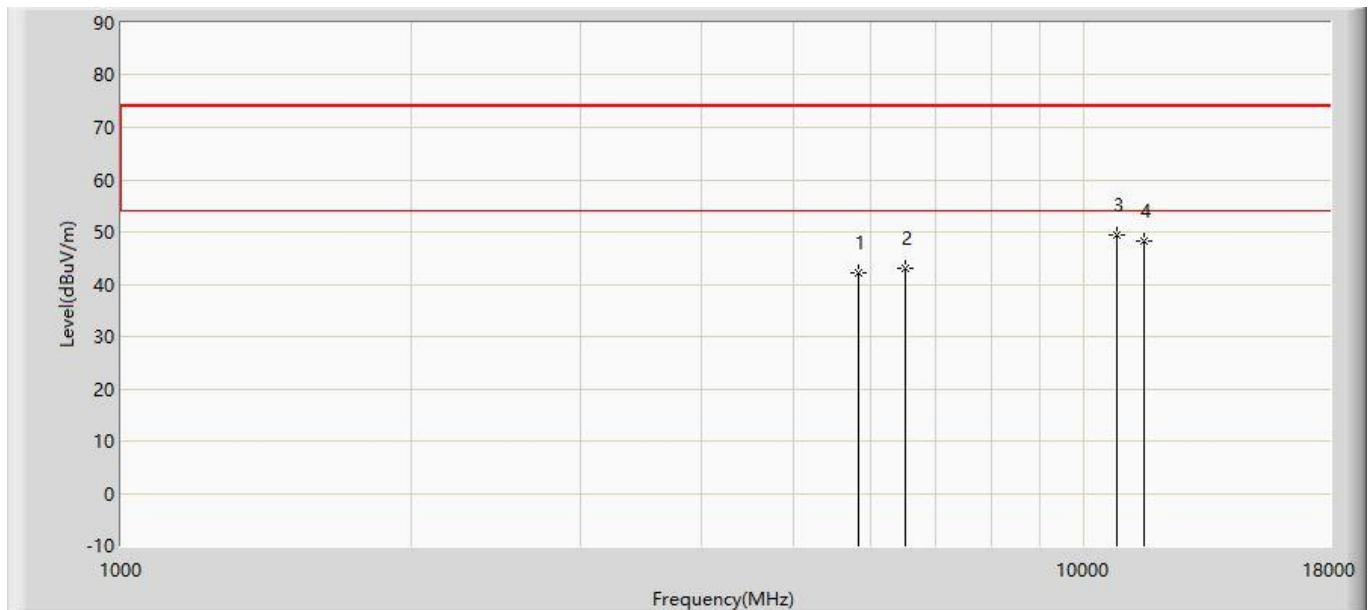


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6465.500	43.539	35.976	-30.461	74.000	7.563	PK
2			7137.000	44.680	33.776	-29.320	74.000	10.904	PK
3			10758.000	48.758	31.522	-25.242	74.000	17.236	PK
4		*	11446.500	48.820	30.820	-25.180	74.000	18.000	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: 2020/04/24 - 13:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz with OAW-AP1361 (CDD Mode)	

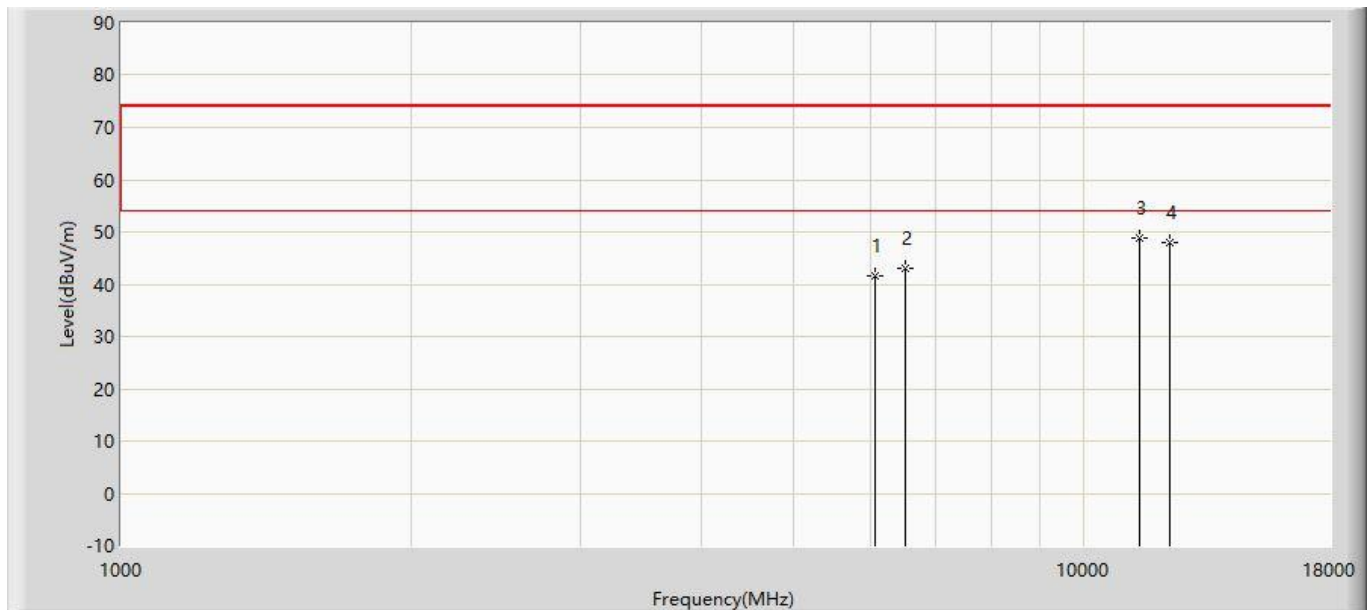


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5828.000	42.082	36.952	-31.918	74.000	5.130	PK
2			6516.500	43.024	35.233	-30.976	74.000	7.790	PK
3		*	10800.500	49.370	32.073	-24.630	74.000	17.297	PK
4			11523.000	48.272	30.232	-25.728	74.000	18.040	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: 2020/04/24 - 13:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

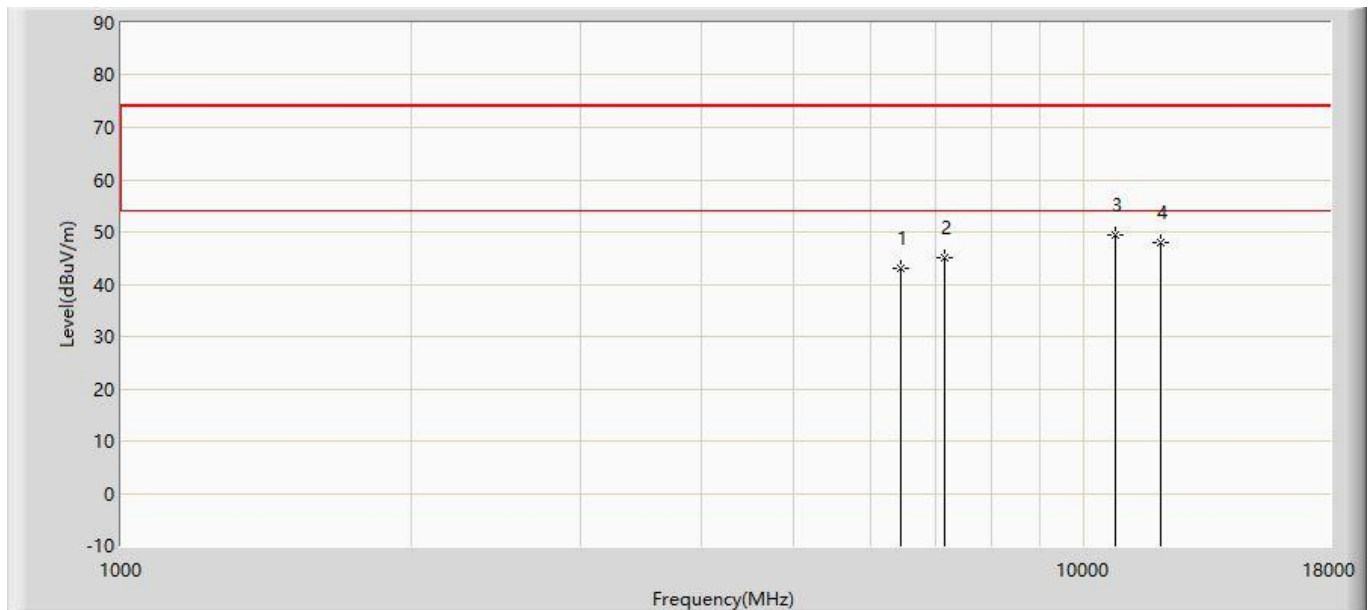


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6066.000	41.534	35.493	-32.466	74.000	6.041	PK
2			6516.500	43.156	35.365	-30.844	74.000	7.790	PK
3		*	11404.000	48.699	30.739	-25.301	74.000	17.960	PK
4			12262.500	47.998	30.186	-26.002	74.000	17.811	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: 2020/04/24 - 13:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

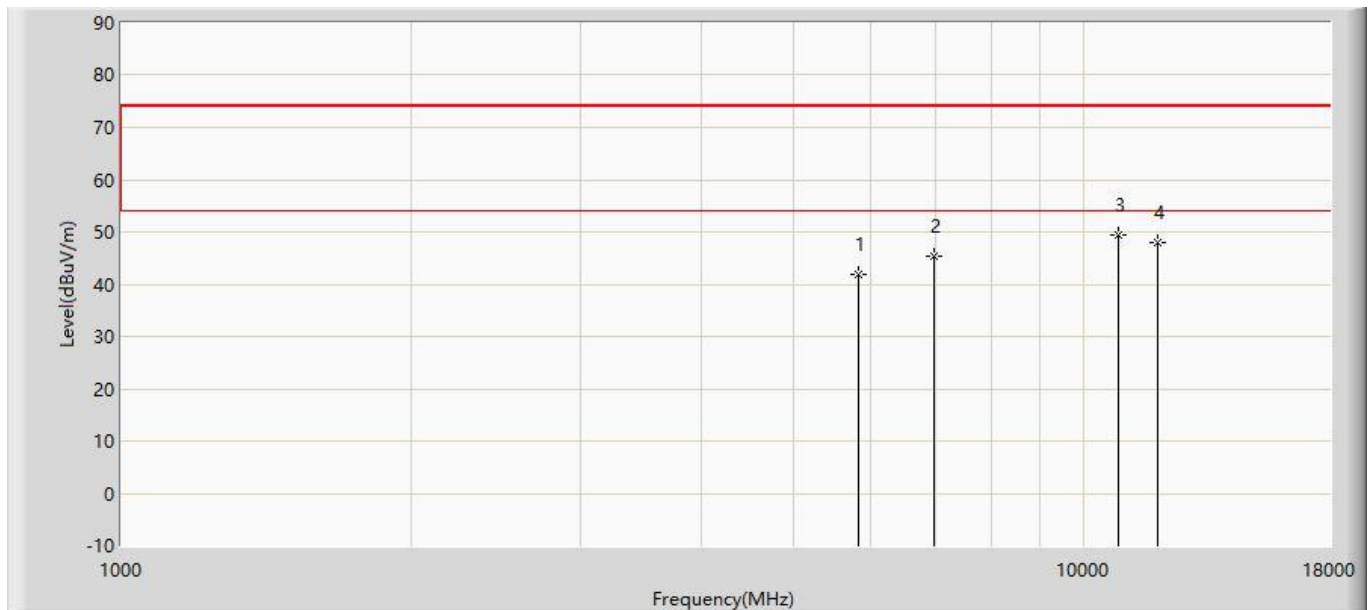


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6440.000	42.927	35.460	-31.073	74.000	7.467	PK
2			7154.000	44.945	34.001	-29.055	74.000	10.944	PK
3		*	10766.500	49.505	32.256	-24.495	74.000	17.249	PK
4			12024.500	47.952	30.133	-26.048	74.000	17.819	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: 2020/04/24 - 13:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at Channel 2462MHz with OAW-AP1361 (CDD Mode)	

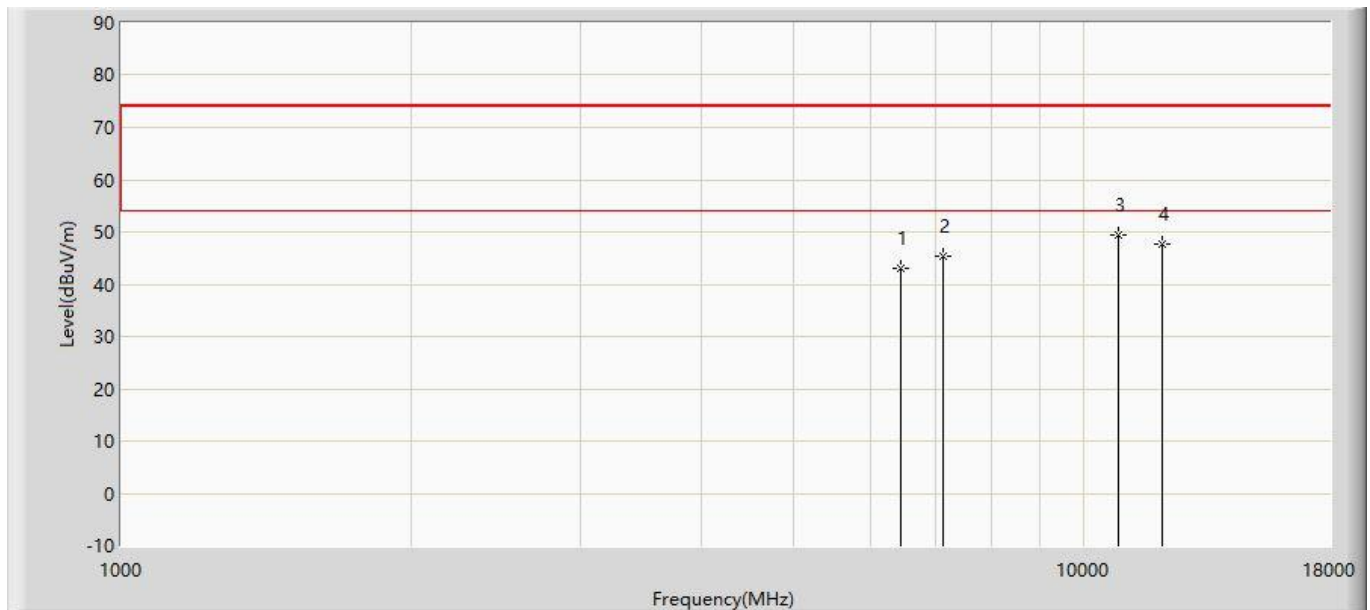


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5836.500	41.753	36.591	-32.247	74.000	5.163	PK
2			6992.500	45.233	34.678	-28.767	74.000	10.555	PK
3		*	10843.000	49.477	32.121	-24.523	74.000	17.356	PK
4			11922.500	47.928	30.072	-26.072	74.000	17.856	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: 2020/04/24 - 13:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at Channel 2462MHz with OAW-AP1361 (CDD Mode)	

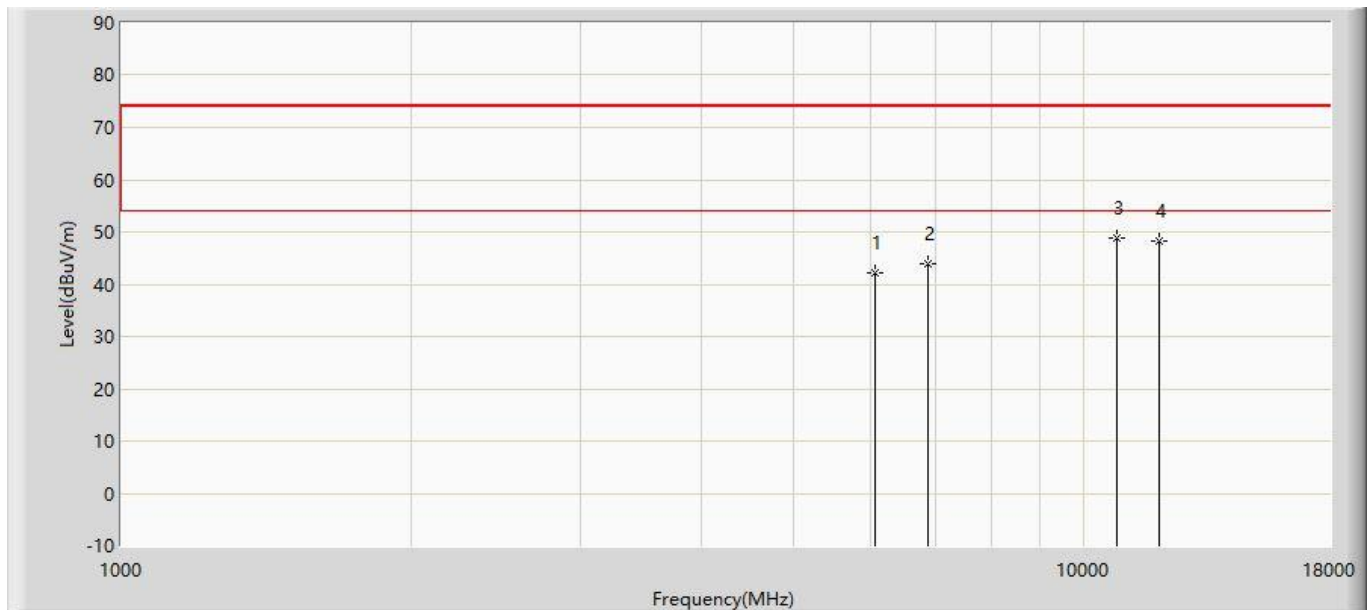


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6440.000	42.938	35.471	-31.062	74.000	7.467	PK
2			7128.500	45.343	34.457	-28.657	74.000	10.885	PK
3		*	10851.500	49.476	32.108	-24.524	74.000	17.368	PK
4			12058.500	47.790	29.972	-26.210	74.000	17.818	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: 2020/04/24 - 13:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at Channel 2422MHz with OAW-AP1361 (CDD Mode)	

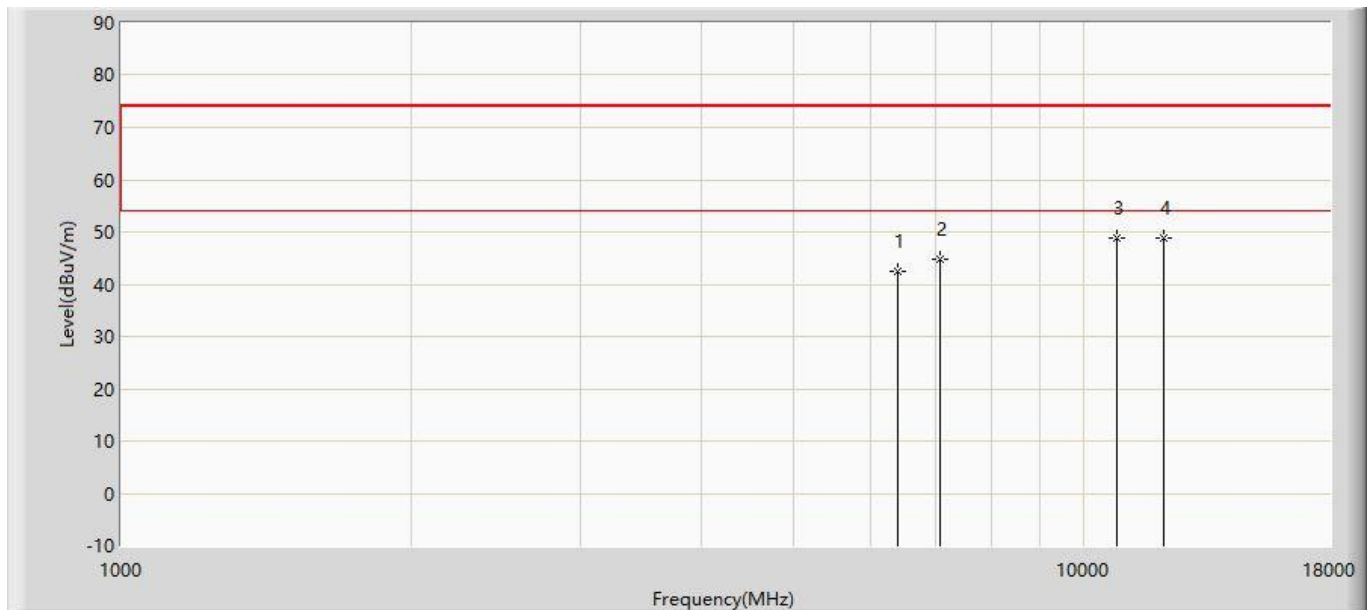


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6074.500	42.142	36.068	-31.858	74.000	6.073	PK
2			6890.500	43.976	34.012	-30.024	74.000	9.964	PK
3		*	10800.500	48.887	31.590	-25.113	74.000	17.297	PK
4			11948.000	48.150	30.306	-25.850	74.000	17.844	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: 2020/04/24 - 13:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at Channel 2422MHz with OAW-AP1361 (CDD Mode)	

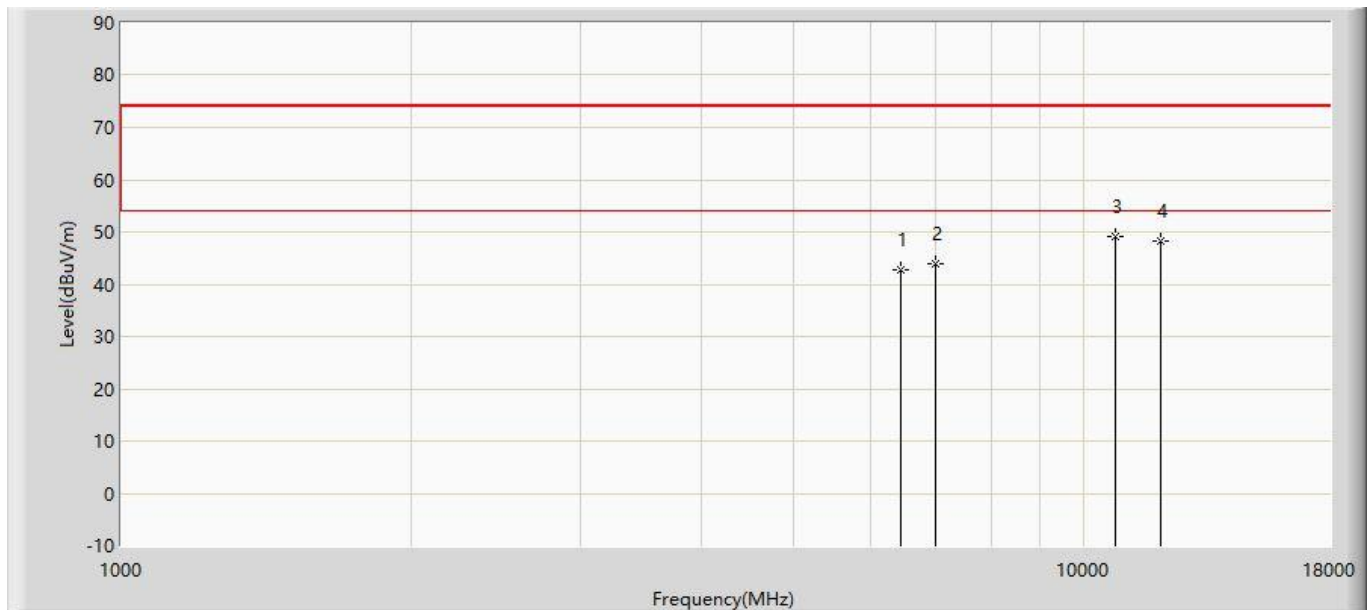


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6397.500	42.348	35.044	-31.652	74.000	7.305	PK
2			7086.000	44.891	34.100	-29.109	74.000	10.791	PK
3			10809.000	48.749	31.441	-25.251	74.000	17.308	PK
4		*	12101.000	48.928	31.111	-25.072	74.000	17.817	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: 2020/04/24 - 13:50
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

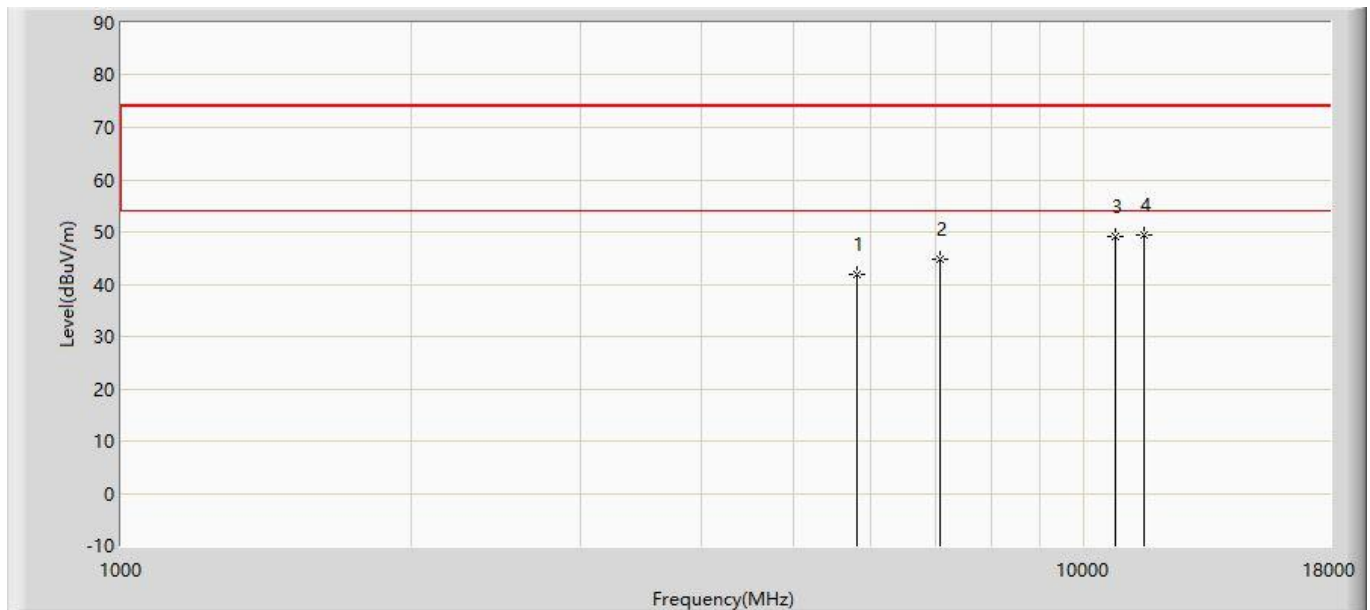


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6448.500	42.737	35.238	-31.263	74.000	7.498	PK
2			7018.000	43.898	33.257	-30.102	74.000	10.641	PK
3		*	10766.500	49.018	31.769	-24.982	74.000	17.249	PK
4			12016.000	48.118	30.299	-25.882	74.000	17.819	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: 2020/04/24 - 13:51
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at Channel 2437MHz with OAW-AP1361 (CDD Mode)	

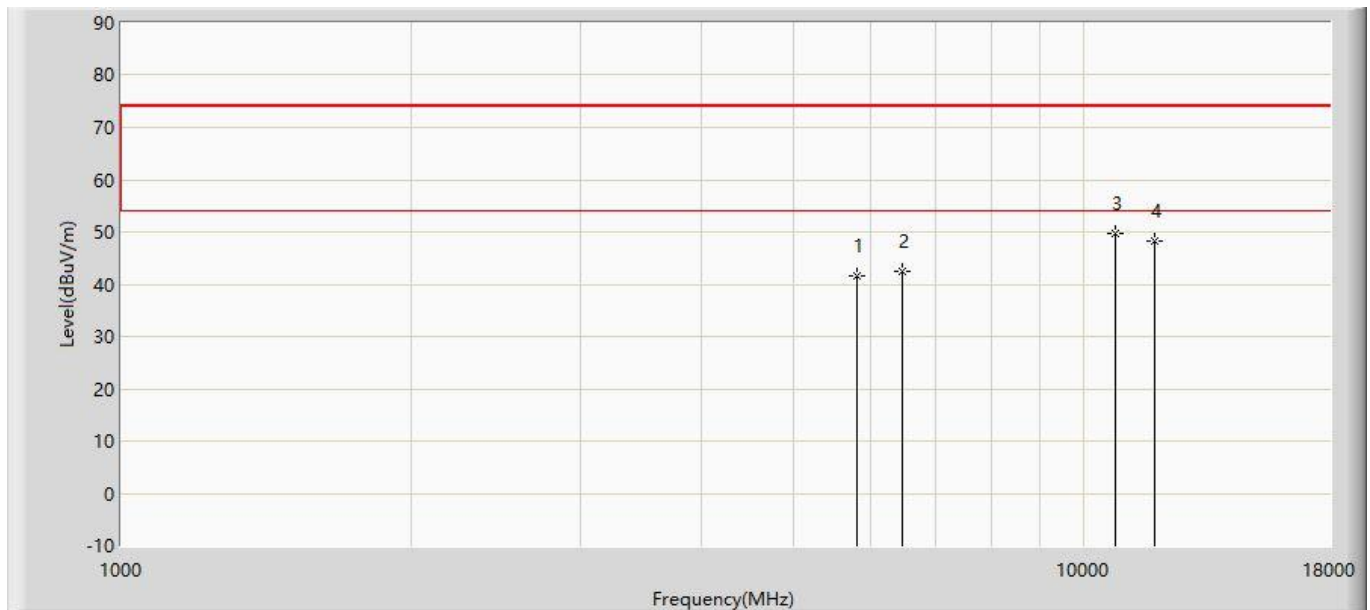


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5811.000	41.798	36.734	-32.202	74.000	5.064	PK
2			7094.500	44.719	33.908	-29.281	74.000	10.810	PK
3			10766.500	49.206	31.957	-24.794	74.000	17.249	PK
4		*	11557.000	49.303	31.279	-24.697	74.000	18.024	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: 2020/04/24 - 13:51
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at Channel 2452MHz with OAW-AP1361 (CDD Mode)	

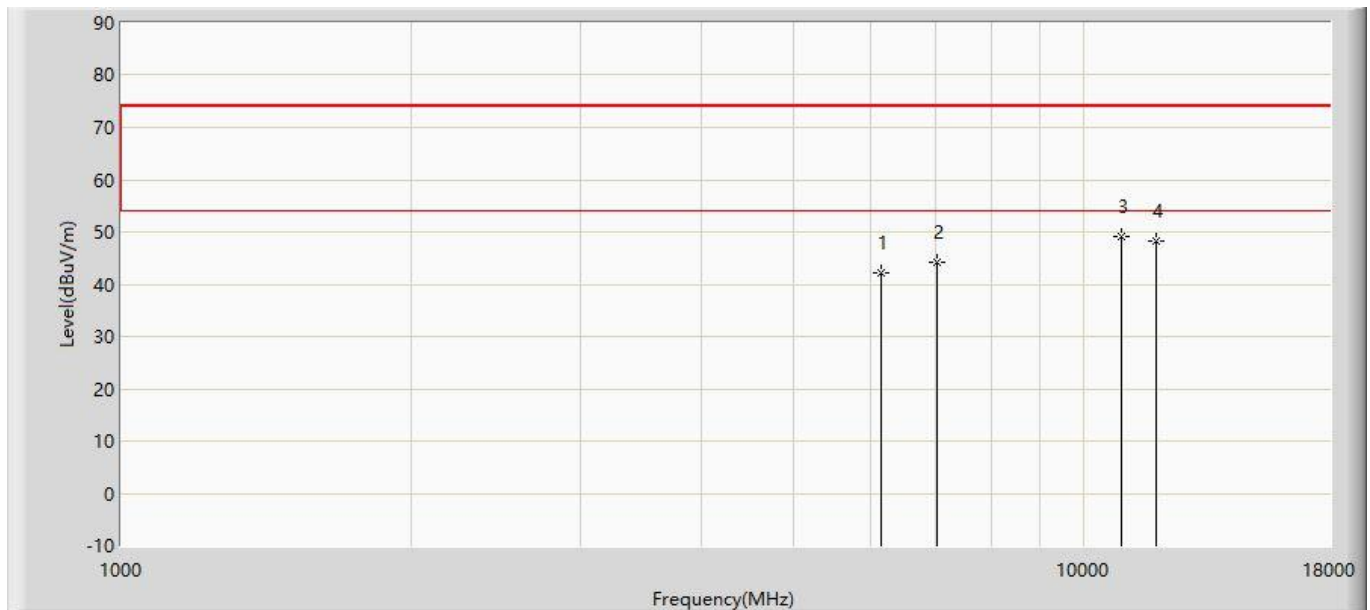


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5802.500	41.555	36.523	-32.445	74.000	5.031	PK
2			6474.000	42.386	34.790	-31.614	74.000	7.596	PK
3		*	10758.000	49.746	32.510	-24.254	74.000	17.236	PK
4			11837.500	48.295	30.400	-25.705	74.000	17.895	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: 2020/04/24 - 13:51
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at Channel 2452MHz with OAW-AP1361 (CDD Mode)	



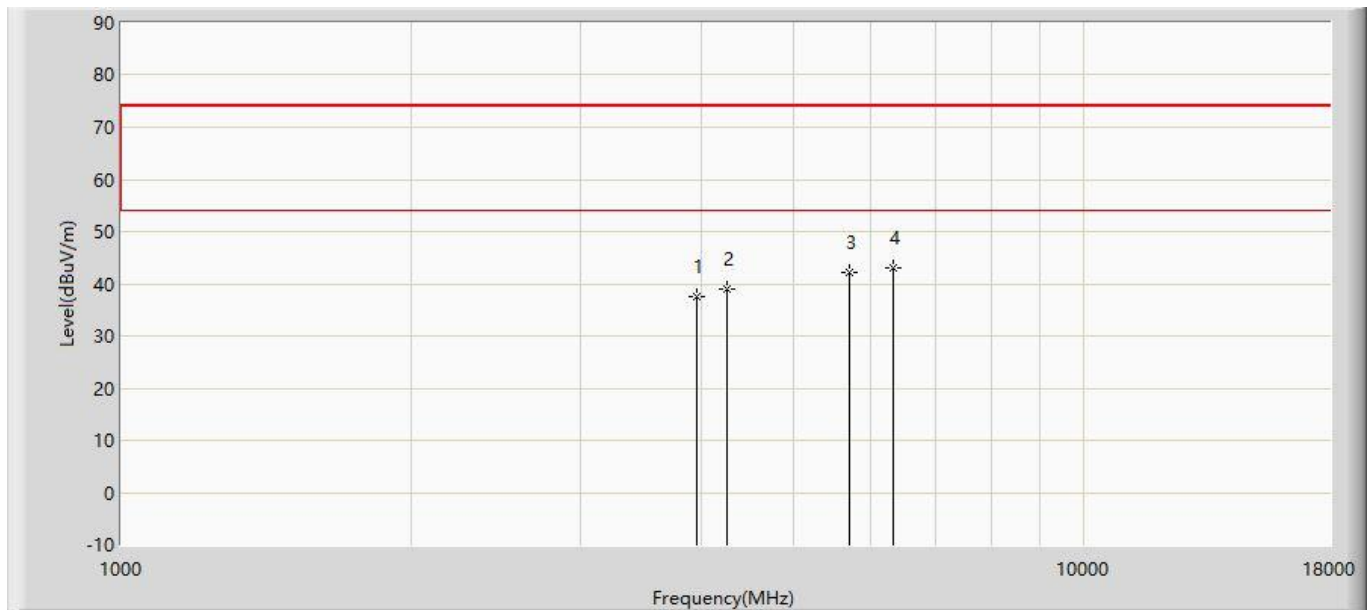
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6159.500	42.069	35.672	-31.931	74.000	6.397	PK
2			7035.000	44.260	33.582	-29.740	74.000	10.678	PK
3		*	10936.500	48.997	31.508	-25.003	74.000	17.489	PK
4			11871.500	48.233	30.354	-25.767	74.000	17.879	PK

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

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

Mode No.: OAW-AP1361D

Site: AC1	Time: 2020/04/23 - 10:08
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2412 MHz with OAW-AP1361D (CDD Mode)	

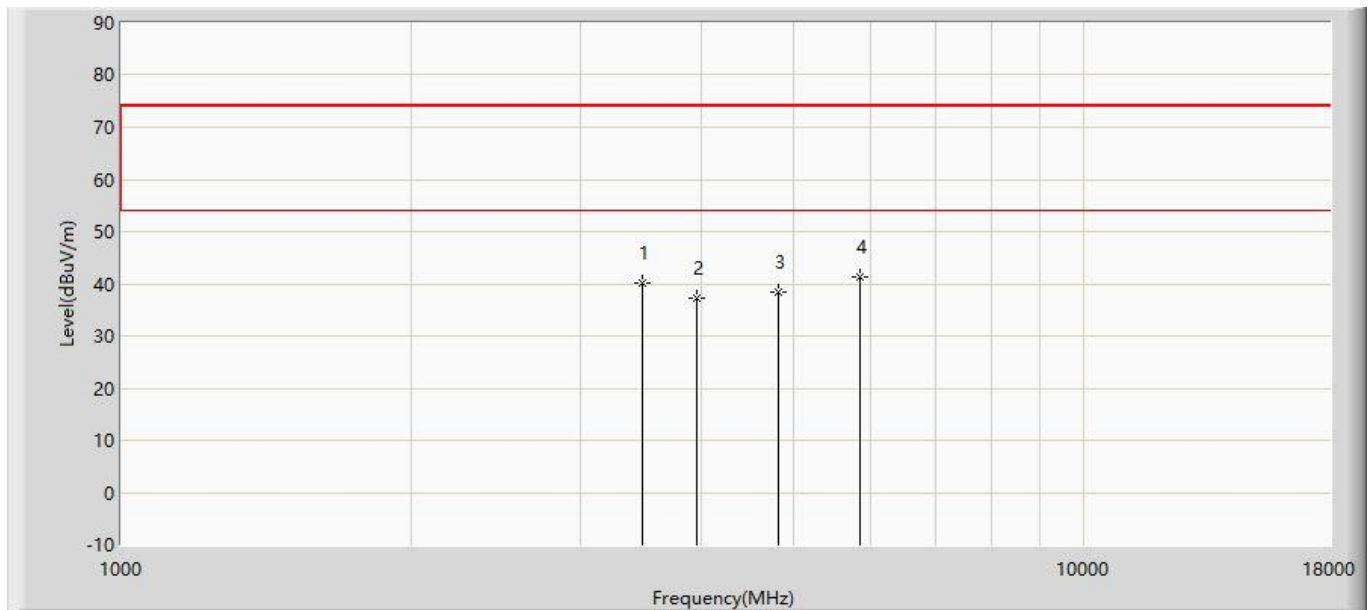


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3966.500	37.405	37.414	-36.595	74.000	-0.010	PK
2			4255.500	38.902	37.560	-35.098	74.000	1.342	PK
3			5700.500	42.032	37.392	-31.968	74.000	4.640	PK
4		*	6338.000	43.074	35.996	-30.926	74.000	7.078	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: 2020/04/23 - 10:08
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2412 MHz with OAW-AP1361D (CDD Mode)	

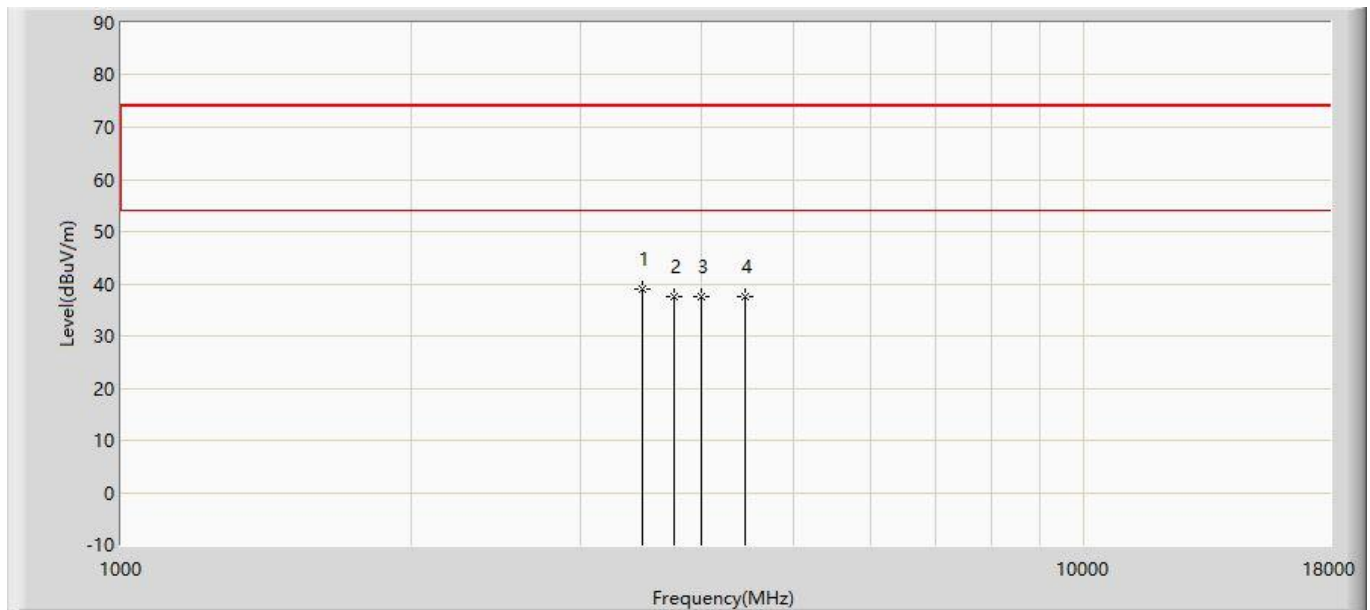


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3482.000	40.063	41.363	-33.937	74.000	-1.300	PK
2			3966.500	37.142	37.151	-36.858	74.000	-0.010	PK
3			4816.500	38.499	35.316	-35.501	74.000	3.183	PK
4		*	5862.000	41.355	36.095	-32.645	74.000	5.260	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: 2020/04/23 - 10:08
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2437 MHz with OAW-AP1361D (CDD Mode)	

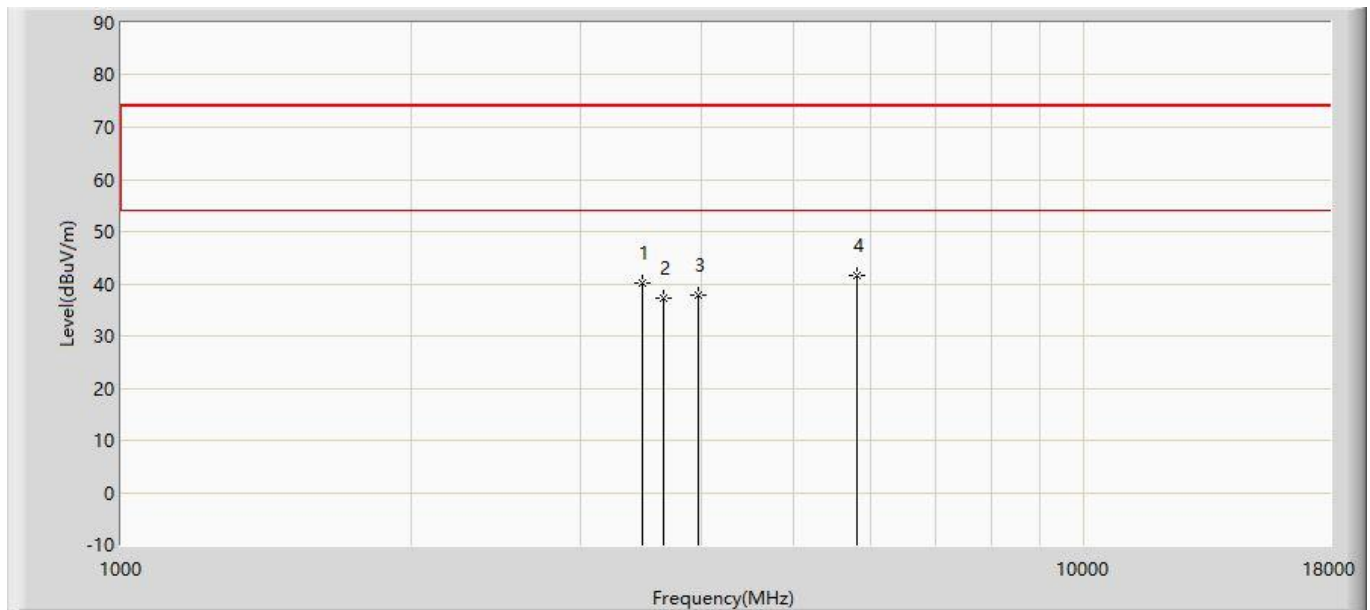


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	3482.000	38.864	40.164	-35.136	74.000	-1.300	PK
2			3745.500	37.599	38.191	-36.401	74.000	-0.592	PK
3			4000.500	37.502	37.411	-36.498	74.000	0.090	PK
4			4442.500	37.441	35.175	-36.559	74.000	2.266	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 - 10:08
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2437 MHz with OAW-AP1361D (CDD Mode)	

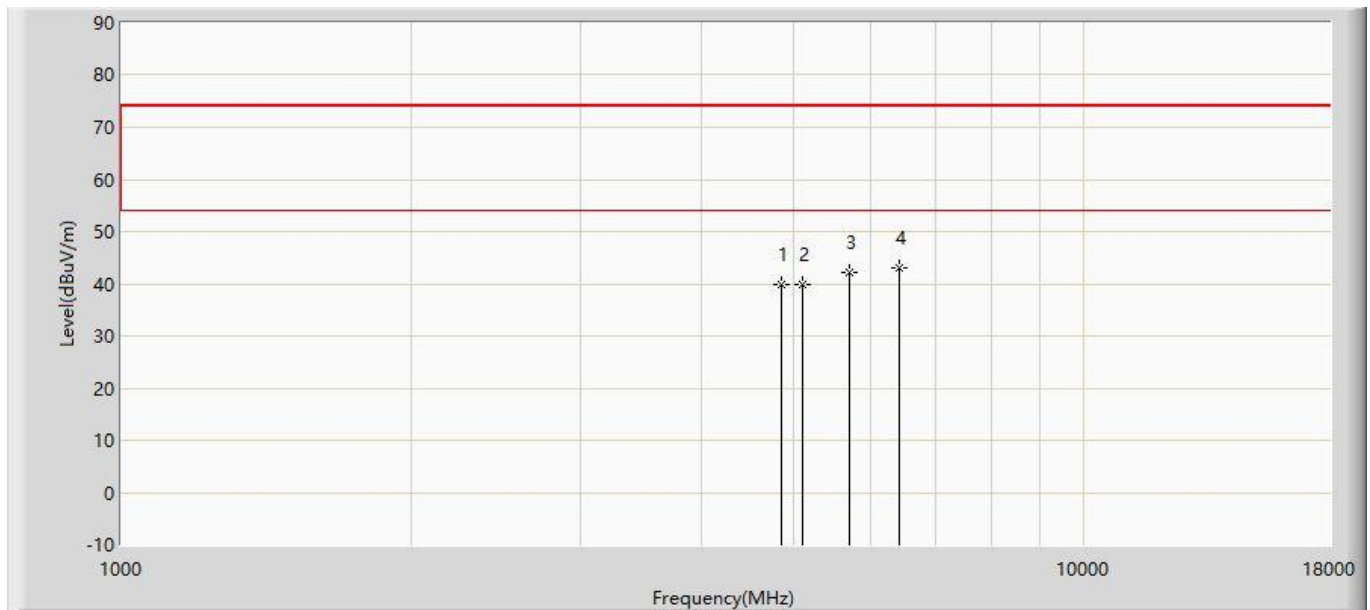


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3482.000	40.228	41.528	-33.772	74.000	-1.300	PK
2			3660.500	37.133	37.949	-36.867	74.000	-0.816	PK
3			3975.000	37.870	37.856	-36.130	74.000	0.014	PK
4		*	5819.500	41.530	36.433	-32.470	74.000	5.098	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 - 10:08
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2462 MHz with OAW-AP1361D (CDD Mode)	

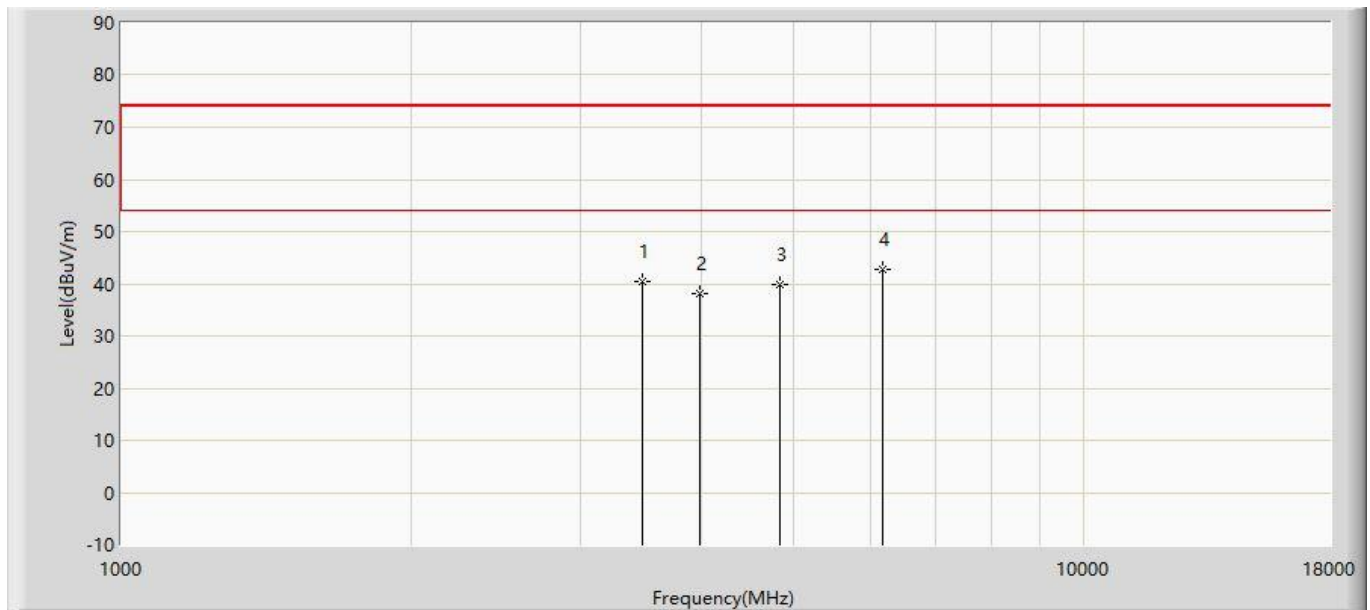


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4842.000	39.717	36.483	-34.283	74.000	3.234	PK
2			5097.000	39.981	36.370	-34.019	74.000	3.611	PK
3			5709.000	42.313	37.641	-31.687	74.000	4.672	PK
4		*	6423.000	42.979	35.578	-31.021	74.000	7.401	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: 2020/04/23 - 10:08
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11b at Channel 2462 MHz with OAW-AP1361D (CDD Mode)	

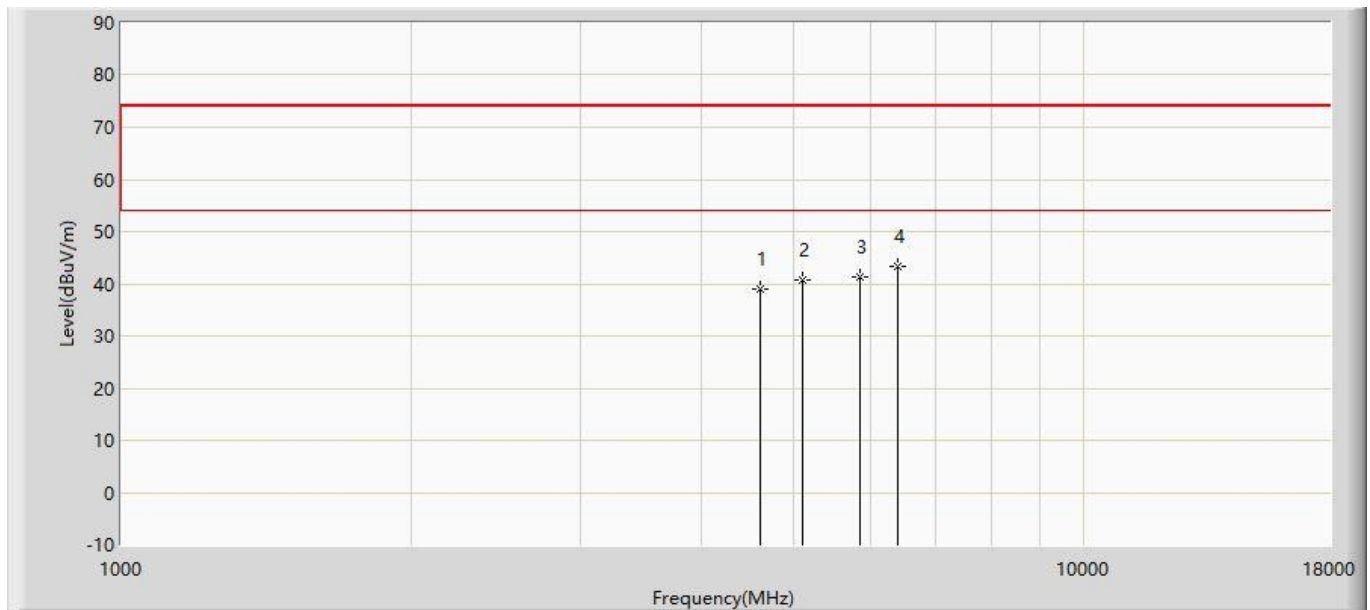


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3482.000	40.565	41.865	-33.435	74.000	-1.300	PK
2			3992.000	38.170	38.111	-35.830	74.000	0.059	PK
3			4833.500	39.811	36.594	-34.189	74.000	3.217	PK
4		*	6185.000	42.682	36.187	-31.318	74.000	6.495	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: 2020/04/23 - 10:09
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2412 MHz with OAW-AP1361D (CDD Mode)	

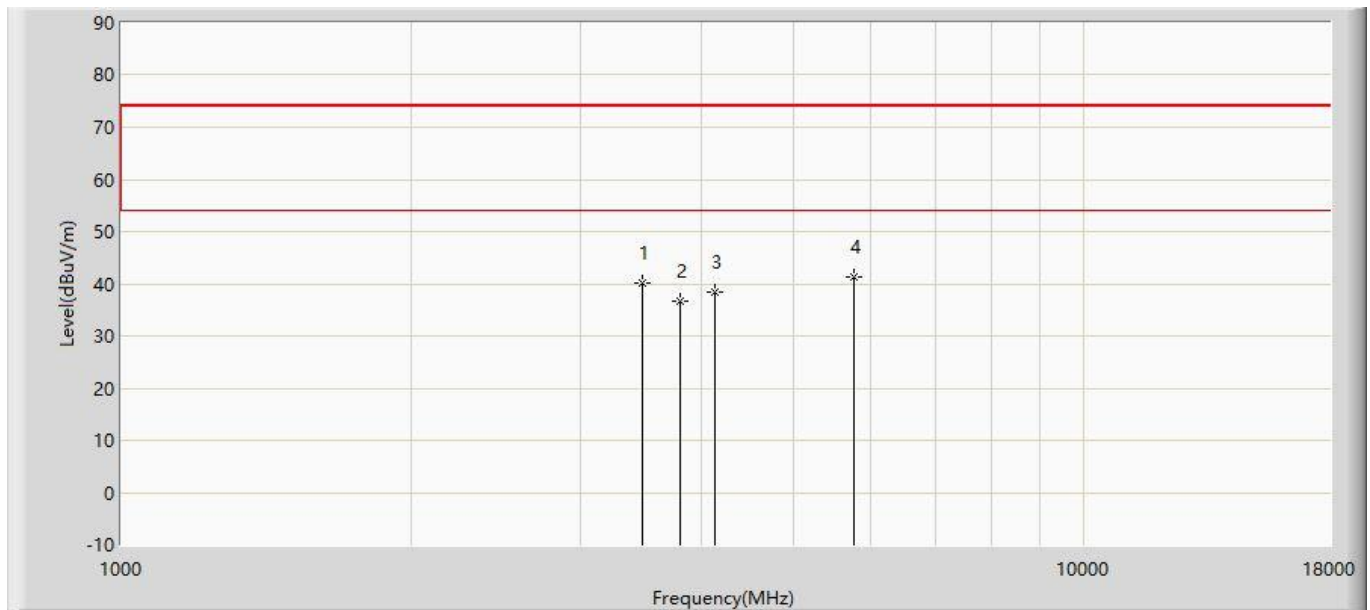


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4612.500	38.926	36.151	-35.074	74.000	2.776	PK
2			5105.500	40.867	37.250	-33.133	74.000	3.618	PK
3			5853.500	41.400	36.173	-32.600	74.000	5.227	PK
4		*	6397.500	43.369	36.065	-30.631	74.000	7.305	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: 2020/04/23 - 10:09
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2412 MHz with OAW-AP1361D (CDD Mode)	

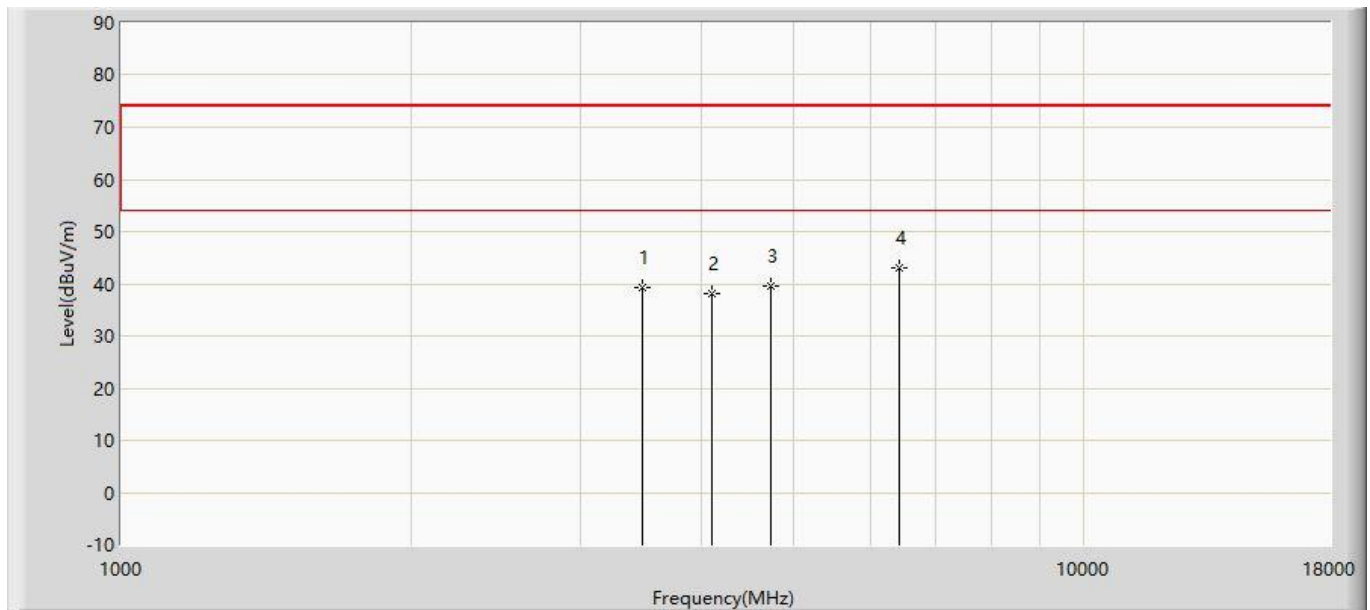


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3482.000	40.214	41.514	-33.786	74.000	-1.300	PK
2			3813.500	36.641	37.054	-37.359	74.000	-0.414	PK
3			4136.500	38.464	37.709	-35.536	74.000	0.755	PK
4		*	5768.500	41.227	36.326	-32.773	74.000	4.902	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 - 10:09
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2437 MHz with OAW-AP1361D (CDD Mode)	

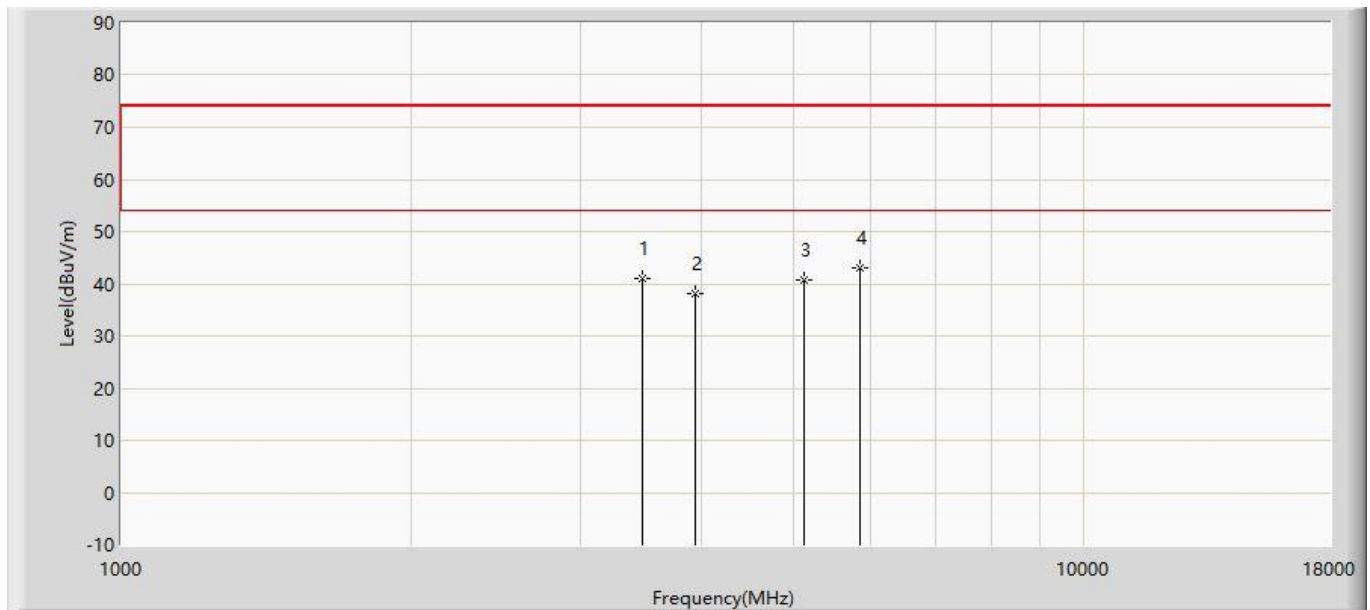


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3482.000	39.186	40.486	-34.814	74.000	-1.300	PK
2			4111.000	38.028	37.399	-35.972	74.000	0.629	PK
3			4723.000	39.633	36.637	-34.367	74.000	2.996	PK
4		*	6431.500	42.956	35.522	-31.044	74.000	7.434	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 - 10:09
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2437 MHz with OAW-AP1361D (CDD Mode)	

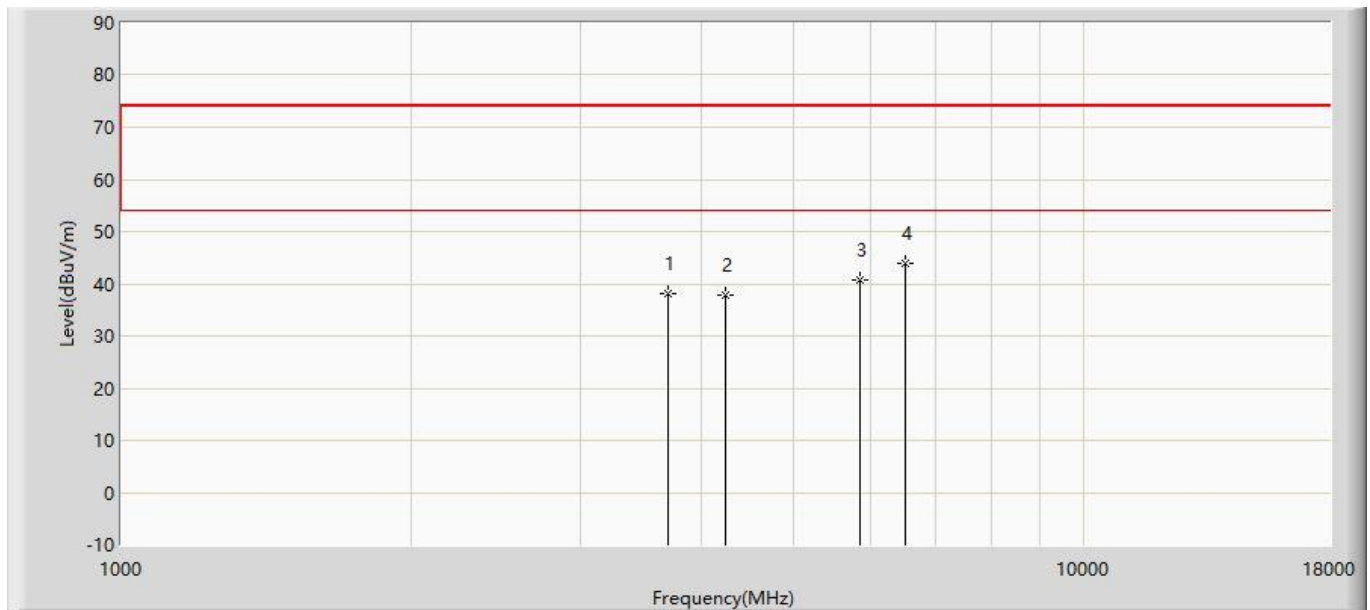


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3482.000	41.159	42.459	-32.841	74.000	-1.300	PK
2			3941.000	38.147	38.223	-35.853	74.000	-0.076	PK
3			5122.500	40.637	37.009	-33.363	74.000	3.629	PK
4		*	5853.500	42.926	37.699	-31.074	74.000	5.227	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: 2020/04/23 - 10:09
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2462 MHz with OAW-AP1361D (CDD Mode)	

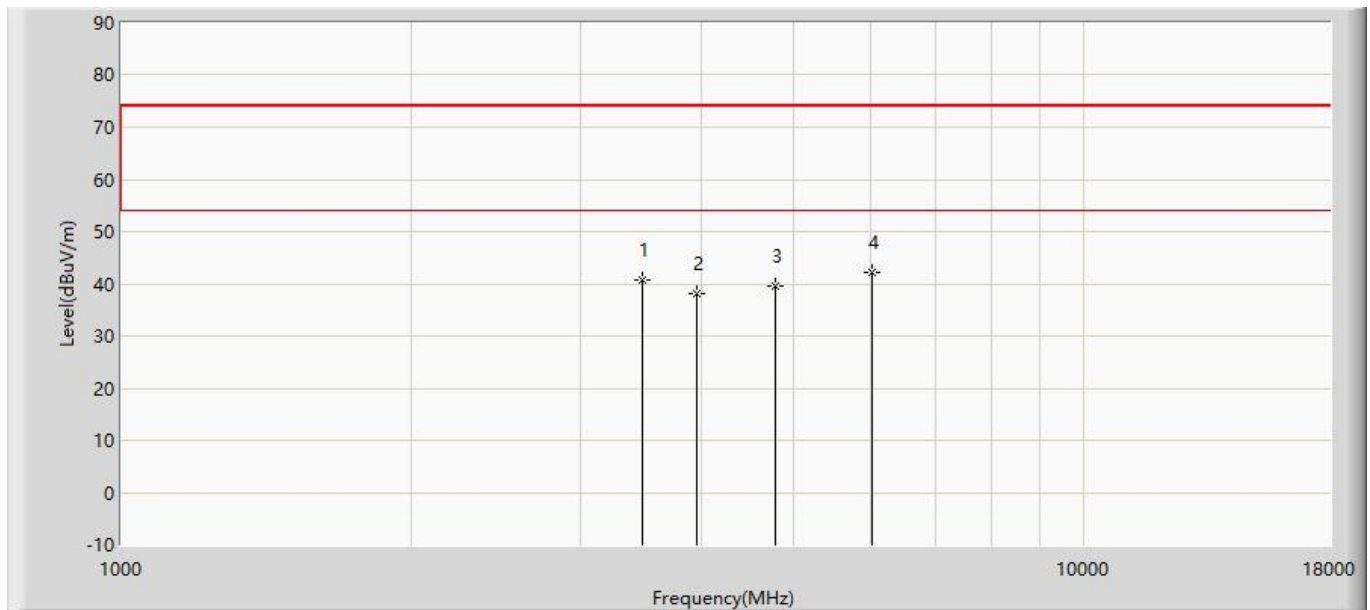


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3694.500	38.168	2.655	-35.832	74.000	35.513	PK
2			4247.000	37.834	0.580	-36.166	74.000	37.254	PK
3			5845.000	40.869	0.295	-33.131	74.000	40.574	PK
4		*	6516.500	43.857	1.096	-30.143	74.000	42.761	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: 2020/04/23 - 10:09
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11g at Channel 2462 MHz with OAW-AP1361D (CDD Mode)	

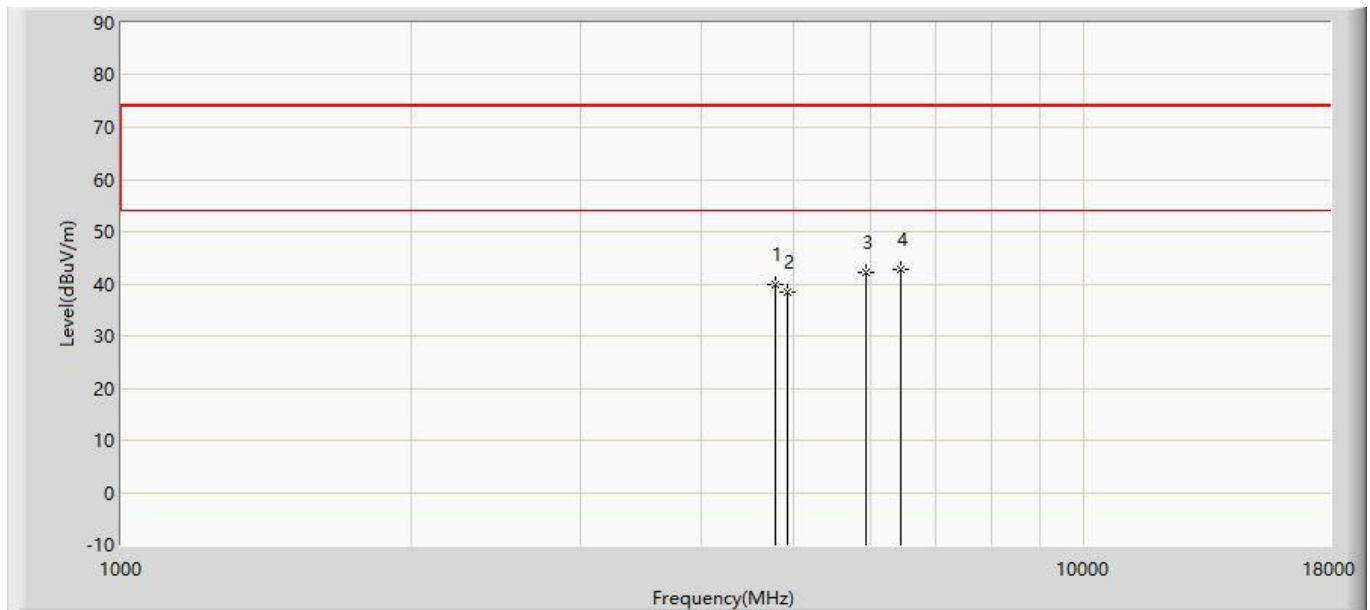


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3482.000	40.618	41.918	-33.382	74.000	-1.300	PK
2			3966.500	38.002	38.011	-35.998	74.000	-0.010	PK
3			4782.500	39.517	36.402	-34.483	74.000	3.116	PK
4		*	6032.000	42.072	36.160	-31.928	74.000	5.912	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 - 10:09
Limit: NCC LP0002_1GHz-40GHz	Engineer: Fran Chen
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: 無線基地台	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 2412 MHz with OAW-AP1361D (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4782.500	39.926	36.811	-34.074	74.000	3.116	PK
2			4927.000	38.473	35.069	-35.527	74.000	3.404	PK
3			5938.500	42.177	36.623	-31.823	74.000	5.555	PK
4		*	6448.500	42.691	35.192	-31.309	74.000	7.498	PK

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

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