NCC 低功率射頻器材型式試驗報告

報告編號: WD-RN-R-210384-D0

產品名稱	:	WIFI/BT MODULE
型號	:	CDW-G47663U-00
申請者	:	廣東長虹電子有限公司
收件日期	:	110 年 11 月 25 日
測試日期	:	110 年 12 月 10 日 ~ 110 年 12 月 27 日
法規	:	低功率射頻器材技術規範(LP0002) 109 年 7 月 1 日

Testing Laboratory
2965

穩得實業股份有限公司

穩得電磁相容及無線射頻實驗室

注意:

本測試報告只針對待測設備樣品有效。報告中所描述之測試結果和待測設備的架構組合，均根據樣品實際的量測情況作詳實的記錄。

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

本實驗室依據測試標準規定進行測試，在進行符合性分析時，不考慮量測不確定度的貢獻，依此判定規則出具測試報告。

本測試報告非經穩得電磁相容及無線射頻實驗室同意不可複製使用，但全份複製除外。

低功率射頻器材型式試驗報告

報告發行日期: 110年12月27日

案件編號: 21Q112502

產品名稱	WIFI/BT MODULE
廠牌	CHiQ
型號	CDW-G47663U-00
申請者	廣東長虹電子有限公司
製造商	廣東長虹電子有限公司
待測物額定電壓	5V
待測物測試電壓	USB 5V
待測物支援無線應用	WLAN 802.11a/b/g WLAN 802.11n/ac (HT20/HT40 and VHT20/VHT40) WLAN 802.11ac(VHT80) Bluetooth BR/EDR/LE
適用法規	低功率射頻器材技術規範(LP0002) 109 年 7 月 1 日
輸出功率	5.18 ~ 5.24 GHz: 17.90 dBm 5.26 ~ 5.32 GHz: 17.99 dBm 5.50 ~ 5.72 GHz: 17.96 dBm 5.745 ~ 5.825 GHz: 18.04 dBm
電磁波暴露量	0.03595 mW/cm^2
測試結果	合格

報告製作	**測試工程師**	**報告簽署人**
(專員 / 呂月蟬)	(高級工程師 / 謝岱宗)	(專案經理 / 吳明政)

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文件修改歷程

報告編號	發行日期	描述
WD-RN-R-210384-D0	110年12月27日	初始報告

測試結果總結

參考法規章節	測試項目	測試結果
LP0002 5.7.3	峰值傳導輸出功率	合格
LP0002 5.7.7.1	發射功率控制(TPC)	合格
LP0002 5.7.3	26dB 頻寬	合格
LP0002 5.7.5	6dB 頻寬	合格
--	99% 占用頻寬	合格
LP0002 5.7.3	功率頻譜密度	合格
LP0002 5.7.4	不必要發射	合格
LP0002 5.7.3	天線要求	合格
LP0002 3.3	電源線傳導干擾	合格
LP0002 6.20	電波暴露量之評估	合格

1 待測物相關資訊

1.1 申請者資訊

廣東長虹電子有限公司
廣東省中山市南頭鎮興業北路 1 號

1.2 製造商資訊

廣東長虹電子有限公司
廣東省中山市南頭鎮興業北路 1 號

1.3 待測物基本資訊

產品名稱	WIFI/BT MODULE
型號	CDW-G47663U-00
操作頻率範圍	802.11a/n-20MHz: 5180-5320MHz, 5500-5700MHz, 5745-5825MHz 802.11n-40MHz: 5190-5310, 5510-5670MHz, 5755-5795MHz 802.11ac-80MHz: 5210MHz, 5290MHz, 5530MHz, 5610MHz, 5775MHz
頻道數	802.11a/n/ac-20MHz: 24, 802.11n/ac-40MHz: 11, 802.11ac-80MHz: 5
數據速率	802.11a：6M - 54Mbps 802.11n_HT40：up to 400bps 802.11ac_VHT80：up to 866.6Mbps
調變方式	802.11a/n/ac: OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM
天線資訊	Refer to the table “Antenna List”
待測物支援無線應用	WLAN 802.11a/b/g WLAN 802.11n/ac (HT20/HT40 and VHT20/VHT40) WLAN 802.11ac(VHT80) Bluetooth BR/EDR/LE
待測物額定電壓	5V
待測物測試電壓	USB 5V

Antenna List

No.	Manufacturer	Model No.	Antenna Type	Peak Gain
1	Baiao Electronics Technology Co ,.Ltd	370.G47612L-00	PIFA Antenna	3.84 dBi for 5.15~5.25GHz 3.84 dBi for 5.25~5.35GHz 3.84 dBi for 5.47~5.725GHz 3.84 dBi for 5.725~5.85GHz
2	Baiao Electronics Technology Co ,.Ltd	370.G47612R-00	PIFA Antenna	3.80 dBi for 5.15~5.25GHz 3.80 dBi for 5.25~5.35GHz 3.80 dBi for 5.47~5.725GHz 3.80 dBi for 5.725~5.85GHz

Channel List

802.11a/n/ac HT20/VHT20		802.11n/ac HT40/VHT40		802.11ac VHT80	
Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	138	5690
56	5280	110	5550	155	5775
60	5300	118	5590	--	--
64	5320	126	5630	--	--
100	5500	134	5670	--	--
104	5520	151	5755	--	--
108	5540	159	5795	--	--
112	5560	--	--	--	--
116	5580	--	--	--	--
120	5600	--	--	--	--
124	5620	--	--	--	--
128	5640	--	--	--	--
132	5660	--	--	--	--
136	5680	--	--	--	--
140	5700	--	--	--	--
149	5745	--	--	--	--
153	5765	--	--	--	--
157	5785	--	--	--	--
161	5805	--	--	--	--
165	5825	--	--	--	--

Test Mode

Mode 1：Transmit (802.11a 6Mbps)
Mode 2：Transmit (802.11ac MCS0 6.5Mbps 20M-BW)
Mode 3：Transmit (802.11ac MCS0 13.5Mbps 40M-BW)
Mode 4：Transmit (802.11ac MCS0 29.3Mbps 80M-BW)
Mode 5：Receiver (802.11a 6Mbps)

AC Conduction 測試 Mode 1

備註:

1. 這些測試是在設備樣本上進行，目的是證明符合 LP0002 5.7 章節。
2. 在每種模式下測試最低和最高數據速率，報告中只顯示了最差的情況。
3. 在預測試結果中，模塊支持數據速率傳輸，報告中只顯示最差情況。
4. 輻射測量在 X，Y，Z 軸定位中進行，只有最差(X 軸)的情況才會顯示在報告中。

測試軟體

1	產品名稱	WIFI/BT MODULE
2	型號	CDW-G47663U-00
3	測試軟體版本	MT7663 Version: 0.0.2.6
4	測試軟體射頻功率設置	☐ 測試期間射頻功率設置無法更改 ☒ 測試期間射頻功率設置可以更改。(見下表)

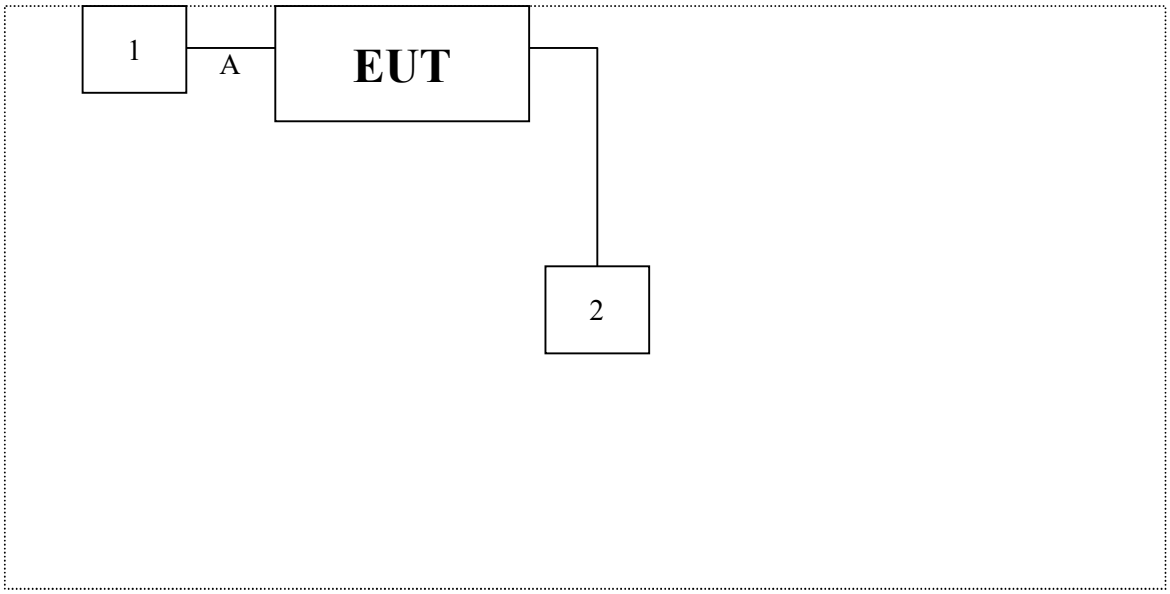
測試軟體設置參數

Type of Modulation	Channel	Frequency (MHz)	Set Value	
			Chain A	Chain B
802.11a	36	5180	18	18
	44	5220	1C	1C
	48	5240	1C	1C
	52	5260	1C	1C
	60	5300	1D	1D
	64	5320	14	14
	100	5500	17	17
	116	5580	1B	1B
	140	5700	1C	1C
	149	5745	1C	1C
	157	5785	1C	1C
	165	5825	1C	1C
802.11ac(VHT20)	36	5180	17	17
	44	5220	1C	1C
	48	5240	1C	1C
	52	5260	1C	1C
	60	5300	1D	1D
	64	5320	18	18
	100	5500	1B	1B
	116	5580	1B	1B
	140	5700	1C	1C
	149	5745	1C	1C
	157	5785	1C	1C
	165	5825	1C	1C
802.11ac(VHT40)	38	5190	9	9
	46	5230	1B	1B
	54	5270	1C	1C

	62	5310	7	7
	102	5510	0B	0B
	110	5550	1B	1B
	134	5670	1C	1C
	151	5755	1C	1C
	159	5795	1C	1C
802.11ac(VHT80)	42	5210	9	9
	58	5290	6	6
	106	5530	0A	0A
	122	5610	1D	1D
	155	5775	1D	1D

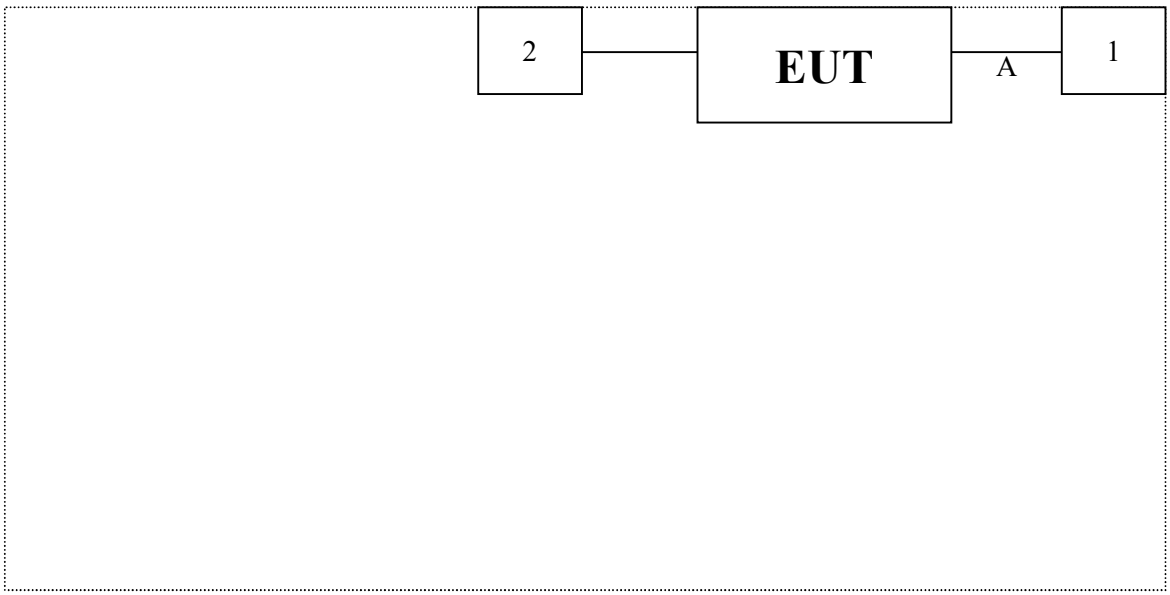
1.4 待測物架構

輻射干擾測試



Test Table

電源傳導測試



Test Table

1.5 待測物軟體設定

1. 測試配置如上圖 1.4 所示
2. 開啟定頻程式 “MT7663 Version: 0.0.2.6”.
3. 確認頻率及訊號正確
4. 功能無誤後開始測試

1.6 周邊列表

測試中使用的所有周邊、電纜（包括插入的卡）的描述如下						
No.	**Product**	**Trademark**	**Model No.**	**Serial No.**	**Power Cord**	**Remarks**
1	Notebook PC	acer	N16Q1	NXVF4TA023742254147600	Non-shielded, 1 Core, 0.8m	實驗室提供
2	Bluetooth Antenna	深圳市億聖邦科技有限公司	TX-DM300BD113Y63M	N/A	Shielded, Non-Core, 0.35m	申請者提供
A	USB2.0 數據線	深圳市佳仕通科技有限公司	USB2.0 CABLE	N/A	Shielded, Non-Core, 0.1m	申請者提供

產品隨貨配件描述如下				
No.	**Product**	**Trademark**	**Model No.**	**Remark**
2	深圳市億聖邦科技有限公司	TX-DM300BD113Y63M	PIFA Antenna	申請者提供
--	深圳市億聖邦科技有限公司	TX-DM150BD113Y63M	PIFA Antenna	申請者提供
--	深圳市億聖邦科技有限公司	TX-DM200BD113Y63M	PIFA Antenna	申請者提供
--	深圳市億聖邦科技有限公司	TX-DM270BD113Y63M	PIFA Antenna	申請者提供
--	深圳市億聖邦科技有限公司	TX-DM350BD113Y63M	PIFA Antenna	申請者提供
--	深圳市億聖邦科技有限公司	TX-DM450BD113Y63M	PIFA Antenna	申請者提供
--	中山市博安通通信技術有限公司	TX-DM150BD113B63M	PIFA Antenna	申請者提供
--	中山市博安通通信技術有限公司	TX-DM200BD113B63M	PIFA Antenna	申請者提供
--	中山市博安通通信技術有限公司	TX-DM270BD113B63M	PIFA Antenna	申請者提供
--	中山市博安通通信技術有限公司	TX-DM300BD113B63M	PIFA Antenna	申請者提供
--	中山市博安通通信技術有限公司	TX-DM350BD113B63M	PIFA Antenna	申請者提供
--	中山市博安通通信技術有限公司	TX-DM450BD113B63M	PIFA Antenna	申請者提供

1.7 試驗單位與測試環境

實驗室環境:

項目	實際測試條件
溫度 (°C)	20~25
濕度 (% RH)	45~55
大氣壓力 (mbar)	990~1020

財團法人全國認證基金會 認證

認證編號: 2965

機構名稱: 穩得實業股份有限公司

機構地址: 新北市新店區寶橋路 188 號 6 樓/ 6F-1 號

實驗室名稱: 穩得電磁相容及無線射頻實驗室

實驗室地址: 新北市五股區五工三路 119 號

1.8 測量不確定度

ISO / IEC 17025 要求在報告中，包含排放測試結果相關測量不確定度的估算值。

下面給出的測量不確定度基於 95%信賴水準，覆蓋因子 K = 2。

Measurement Project	Condition	Expended Uncertainty
AC Conducted Emission	0.150 ~ 30 MHz	2.64 dB
Radiated Emission	0.009 ~ 30 MHz	± 4.2 dB
	30 ~ 1000 MHz	± 3.9 dB
	1000 ~ 18000 MHz	± 4.1 dB
	18000 ~ 40000 MHz	± 3.9 dB
RF Power, Conducted	Conducted Measuring	± 0.51 dB
Occupied Bandwidth	Conducted Measuring	± 2.4 %
Power Density	Conducted Measuring	± 1.7 dB
Duty Cycle and Dwell Time	Conducted Measuring	± 1.3 %
Conducted Unwanted Emission Strength	Conducted Measuring	± 1.8 dB
Frequency Stability	Conducted Measuring	± 0.063 ppm
DC Power Supply	--	± 3.2 %
Temperature	--	± 1.1 ℃
Humidity	--	± 3.4 %

備註：本實驗室依據測試標準規定進行測試，在進行符合性分析時，不考慮量測不確定度的貢獻，依此判定規則出具測試報告。

1.9 測試設備清單

For Conducted measurements / W08-Conducted Measurement

Equipment		Trademark	Model No.	Serial No.	Cal. Date	Due Date
✓	Spectrum analyzer	Keysight	N9010A	SG50420005	2021/08/09	2022/08/08
✓	Wideband Peak Power Meter	Anritsu	ML2495A	1733007	2021/09/07	2022/09/06
✓	Pulse Power Sensor + Precision Adaptor	Anritsu	MA2411B	1726022	2021/09/07	2022/09/06
✓	Temperature Chamber	TAICHY	MHK-225LK	1061121	2021/4/27	2022/4/26
	Wireless Connectivity Tester	R&S	CMW270	101307	2021/5/24	2022/5/23
✓	Attenuator	MVE	MVE2211-10	CT-9-056	2021/08/18	2022/08/17
	Attenuator	MVE	MVE2211-20	CT-9-057	2021/08/18	2022/08/17
	Attenuator	MVE	MVE2211-30	CT-9-058	2021/08/18	2022/08/17
	Power Divider	MVE	MVE8546	170826003	2021/08/18	2022/08/17
	Power Splitter	MVE	MVE8547	170302047	2021/08/18	2022/08/17
	DC Power Supply	GW INSTEK	GPC-3060D	GER817636	2021/08/19	2022/08/18

Remark:

1. All equipments are calibrated every one year.
2. The test instruments marked with "✓" are used to measure the final test results.

For AC Conduction measurements / W08-CE

	Equipment	Trademark	Model No.	Serial No.	Cal. Date	Due Date
✓	EMI Test Receiver	R&S	ESR3	102309	2021/6/8	2022/6/7
✓	2-Line V-Network LISN	R&S	ENV216	101185	2021/6/11	2022/6/10
✓	LISN	SCHWARZBECK	NSLK 8127RC	05028	2021/6/11	2022/6/10
✓	Transient Limiter	EM Electronics Corporation	EM-7600	857	2021/6/10	2022/6/9
✓	50ohm Cable	EMCI	EMCCFD300-BM-BM-5000	170612	2021/6/10	2022/6/9
✓	50 ohm terminal impedance	HUBER+SUHNER	50 ohm terminal impedance	CT-1-109-1	2021/6/11	2022/6/10

Remark:

1. All equipments are calibrated every one year.
2. The test instruments marked with "✓" are used to measure the final test results.
3. Test Software version: FARAD EZ-EMC Ver.EMC-CON 3A1

For Radiated measurements / W08-996-2

Equipment		Trademark	Model No.	Serial No.	Cal. Date	Due Date
✓	EMI Receiver	Keysight	N9038A	MY51210173	2021/08/20	2022/08/19
✓	Spectrum Analyzer	Keysight	N9010A	MY52220228	2021/08/24	2022/08/23
✓	Loop Antenna	EMCI	LPA600	277	2021/09/02	2022/09/01
✓	TRILOG super broad Antenna	Schwarzbeck	VULB 9168	VULB 9168-700 & 1421	2021/08/11	2022/08/10
✓	Horn Antenna	Schwarzbeck	BBHA 9120D	01767	2021/08/11	2022/08/10
✓	Horn Antenna	Schwarzbeck	BBHA 9170	703	2021/12/17	2022/12/16
✓	Pre-Amplifier	EM	EMC330	060774	2021/08/24	2022/08/23
✓	Pre-Amplifier	EMEC	EM01G18G	060648	2021/08/24	2022/08/23
✓	Pre-Amplifier	JPT	JPA0118-55-303K	1910001800055003	2021/08/25	2022/08/24
✓	Pre-Amplifier	EMCI	EMC184045SE	980515	2021/08/24	2022/08/23
✓	Cable	EMEC	EM-CB400	105060103	2021/08/24	2022/08/23
✓	Cable	EMEC	EM-CB400	105060102	2021/08/24	2022/08/23
✓	Cable	EMEC	EM-CB400	105060101	2021/08/24	2022/08/23
✓	RF Cable	HUBER+SUHNER	SF102	MY2752/2	2021/08/24	2022/08/23
✓	Cable	MVE	280280.LL266.1200	B60028C	2021/08/24	2022/08/23
✓	RF Cable	HUBER+SUHNER	SF102	MY2751/2	2021/08/24	2022/08/23
✓	Cable	MVE	140140.LL404.300	B90006C	2021/10/04	2022/10/03
	RF Filter	EMEC	BRF-2400-2500	002	2021/08/26	2022/08/25
✓	RF Filter	EMEC	BRF-5150-5350	104	2021/08/26	2022/08/25
✓	RF Filter	EMEC	BRF-5470-5725	092	2021/08/26	2022/08/25
✓	RF Filter	EMEC	BRF-5725-5875	091	2021/08/26	2022/08/25
	RF Filter	EMEC	HPF-2800	002	2021/08/26	2022/08/25
✓	RF Filter	EMEC	HPF-5850	059	2021/08/26	2022/08/25
	SMA Notch Filter	MVE	MFN-902.928.S1	190604001	2021/09/02	2022/09/01

Remark:

1. All equipments are calibrated every one year.
2. The test instruments marked with "✓" are used to measure the final test results.
3. Test Software version: FARAD EZ-EMC Ver.WD-03A1-1

2 各測試項目測試結果

2.1 天線要求

2.1.1 天線增益限制

1. 依據國家通訊傳播委員會低功率射頻器材技術規範之第 5.7.8 節，天線之規格不受 3.2 規定之限制。
2. 依據國家通訊傳播委員會低功率射頻器材技術規範之第 5.7.3 節，

5.7.3.1 使用於 5.15 GHz～5.25 GHz 頻段

(1) 供戶外操作使用:

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

(2) 供室內操作使用:

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

(3) 供固定式點對點操作使用:

(C) 使用超過 23 dBi 方向增益之指向性天線時，應依超過 23 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(D) 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供用戶端裝置(Client Device)操作使用:

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

5.7.3.2 使用頻率於 5.25 GHz～5.35 GHz 與 5.470 GHz～5.725 GHz 頻段

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

5.7.3.3 使用頻率於 5.725 GHz～5.850 GHz 頻段

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

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

2.1.1天線規格

天線之規格不受 3.2 規定之限制。

2.1.2測試結果

No.	Manufacturer	Model No.	Antenna Type	Peak Gain
1	Baiao Electronics Technology Co ,.Ltd	370.G47612L-00	PIFA Antenna	3.84 dBi for 5.15~5.25GHz 3.84 dBi for 5.25~5.35GHz 3.84 dBi for 5.47~5.725GHz 3.84 dBi for 5.725~5.85GHz
	Baiao Electronics Technology Co ,.Ltd	370.G47612R-00	PIFA Antenna	3.80 dBi for 5.15~5.25GHz 3.80 dBi for 5.25~5.35GHz 3.80 dBi for 5.47~5.725GHz 3.80 dBi for 5.725~5.85GHz

Description of the operating transmit modes：

＊ 802.11a：CDD mode, this port is MIMO

＊ 802.11ac_VHT20：MIMO mode, this port is MIMO

＊ 802.11ac_VHT40：MIMO mode, this port is MIMO

＊ 802.11ac_VHT80：MIMO mode, this port is MIMO

Directional gain calculation：

＊ B1_802.11a：Directional Gain = GANT + Array Gain = 3.84 dBi < 6dBi

＊ B1_802.11ac_VHT20：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B1_802.11ac_VHT40：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B1_802.11ac_VHT80：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B2A_802.11a：Directional Gain = GANT + Array Gain = 3.84 dBi < 6dBi

＊ B2A_802.11ac_VHT20：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B2A_802.11ac_VHT40：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B2A_802.11ac_VHT80：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B2C_802.11a：Directional Gain = GANT + Array Gain = 3.84 dBi < 6dBi

＊ B2C_802.11ac_VHT20：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B2C_802.11ac_VHT40：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B2C_802.11ac_VHT80：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B4_802.11a：Directional Gain = GANT + Array Gain = 3.84 dBi < 6dBi

＊ B4_802.11ac_VHT20：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B4_802.11ac_VHT40：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

＊ B4_802.11ac_VHT80：Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.83 dBi > 6dBi

Conducted Output Power limit after correction：

＊ 802.11ac_VHT20_B1：Power Limit = 24 - 0.83 = 23.17 dBm
＊ 802.11ac_VHT20_B2A：Power Limit = 24 - 0.83 = 23.17 dBm
＊ 802.11ac_VHT20_B2C：Power Limit = 24 - 0.83 = 23.17 dBm
＊ 802.11ac_VHT20_B3：Power Limit = 30 - 0.83 = 29.17 dBm
＊ 802.11ac_VHT40_B1：Power Limit = 24 - 0.83 = 23.17 dBm
＊ 802.11ac_VHT40_B2A：Power Limit = 24 - 0.83 = 23.17 dBm
＊ 802.11ac_VHT40_B2C：Power Limit = 24 - 0.83 = 23.17 dBm
＊ 802.11ac_VHT40_B3：Power Limit = 30 - 0.83 = 29.17 dBm
＊ 802.11ac_VHT80_B1：Power Limit = 24 - 0.83 = 23.17 dBm
＊ 802.11ac_VHT80_B2A：Power Limit = 24 - 0.83 = 23.17 dBm
＊ 802.11ac_VHT80_B2C：Power Limit = 24 - 0.83 = 23.17 dBm
＊ 802.11ac_VHT80_B3：Power Limit = 30 - 0.83 = 29.17 dBm

Power Spectral Density limit after correction：

＊ 802.11ac_VHT20_B1：PSD Limit = 11 - 0.83 = 10.17 dBm
＊ 802.11ac_VHT20_B2A：PSD Limit = 11 - 0.83 = 10.17 dBm
＊ 802.11ac_VHT20_B2C：PSD Limit = 11 - 0.83 = 10.17 dBm
＊ 802.11ac_VHT20_B3：PSD Limit = 30 - 0.83 = 29.17 dBm
＊ 802.11ac_VHT40_B1：PSD Limit = 11 - 0.83 = 10.17 dBm
＊ 802.11ac_VHT40_B2A：PSD Limit = 11 - 0.83 = 10.17 dBm
＊ 802.11ac_VHT40_B2C：PSD Limit = 11 - 0.83 = 10.17 dBm
＊ 802.11ac_VHT40_B3：PSD Limit = 30 - 0.83 = 29.17 dBm
＊ 802.11ac_VHT80_B1：PSD Limit = 11 - 0.83 = 10.17 dBm
＊ 802.11ac_VHT80_B2A：PSD Limit = 11 - 0.83 = 10.17 dBm
＊ 802.11ac_VHT80_B2C：PSD Limit = 11 - 0.83 = 10.17 dBm
＊ 802.11ac_VHT80_B3：PSD Limit = 30 - 0.83 = 29.17 dBm

2.2 峰值傳導輸出功率與發射功率控制

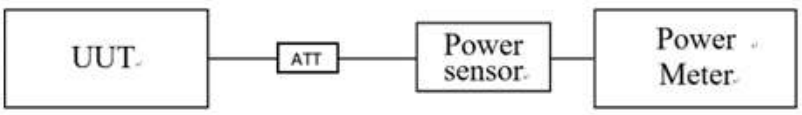
2.2.1 限制值

1. 峰值傳導輸出功率限制值:
   (1) 使用於 5.15 GHz～5.25 GHz 頻段:
      a) 供戶外操作使用: 1W
      b) 供室內操作使用: 1W
      c) 供固定式點對點操作使用: 1W
      d) 供用戶端裝置(Client Device)操作使用: 250mW
      e) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
   (2) 使用頻率於 5.25 GHz～5.35 GHz 與 5.470 GHz～5.725 GHz 頻段:
      a) 250mW 或 11 dBm + 10 log B 之較小者, B 是 26 dB 發射頻寬，單位 MHz (MHz)
      b) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

   (3) 使用頻率於 5.725 GHz～5.850 GHz 頻段:
      a) 最大傳導輸出功率應小於或等於 1 W。
      b) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

2. 發射功率控制(TPC)限制值
   操作於 5.25 GHz～5.35 GHz 與 5.470 GHz～5.725 GHz 頻段的設備，應具備發射功率控制功能。設備必須至少具有 6 dB 低於平均 EIRP 30 dBm 的能力。EIRP 低於 500 mW 之系統不須具備 TPC 功能。

2.2.2 測試架構



2.2.3 測試流程

待測物之天線埠經由適當之衰減直接連至 Power Meter RF 輸入端。

2.2.4 測試結果

802.11a

Frequency (MHz)	Average power (dBm)			Limit (dBm)	Result
	Chain A	Chain B	Total		
5180	13.32	12.83	16.09	≤ 24	Pass
5220	14.89	14.89	17.90	≤ 24	Pass
5240	14.87	14.87	17.88	≤ 24	Pass
5260	14.96	14.88	17.93	≤ 24	Pass
5300	15.03	14.93	17.99	≤ 24	Pass
5320	10.55	10.34	13.46	≤ 24	Pass
5500	13.09	12.79	15.95	≤ 24	Pass
5580	15.07	14.82	17.96	≤ 24	Pass
5700	14.88	14.74	17.82	≤ 24	Pass
5745	14.97	14.86	17.93	≤ 30	Pass
5785	15.09	14.96	18.04	≤ 30	Pass
5825	15.02	14.99	18.02	≤ 30	Pass

Remark:

1. Average Power = Reading value on power meter + cable loss
2. 10 Log(X/mW) = dBm, X=1 watt (Limit)
   1 watt = 30 dBm

802.11ac VHT20

Frequency (MHz)	Average power (dBm)			Limit (dBm)	Result
	Chain A	Chain B	Total		
5180	11.67	11.33	14.51	≤ 23.17	Pass
5220	14.13	13.86	17.01	≤ 23.17	Pass
5240	14.05	13.93	17.00	≤ 23.17	Pass
5260	13.97	13.78	16.89	≤ 23.17	Pass
5300	14.03	13.96	17.01	≤ 23.17	Pass
5320	11.36	11.13	14.26	≤ 23.17	Pass
5500	13.71	13.69	16.71	≤ 23.17	Pass
5580	14.39	13.66	17.05	≤ 23.17	Pass
5700	13.97	13.81	16.90	≤ 23.17	Pass
5745	13.97	13.82	16.91	≤ 29.17	Pass
5785	14.02	13.99	17.02	≤ 29.17	Pass
5825	14.02	13.94	16.99	≤ 29.17	Pass

Remark:

1. Average Power = Reading value on power meter + cable loss
2. 10 Log(X/mW) = dBm, X=1 watt (Limit)
   1 watt = 30 dBm
3. Section E) method 1) of power measurement of KDB 662911 is used for calculating total power.

802.11ac VHT40

Frequency (MHz)	Average power (dBm)			Limit (dBm)	Result
	Chain A	Chain B	Total		
5190	4.97	4.76	7.88	≤ 23.17	Pass
5230	13.79	13.68	16.75	≤ 23.17	Pass
5270	13.94	13.88	16.92	≤ 23.17	Pass
5310	3.41	3.29	6.36	≤ 23.17	Pass
5510	5.96	5.91	8.95	≤ 23.17	Pass
5550	14.09	13.97	17.04	≤ 23.17	Pass
5670	13.94	13.90	16.93	≤ 23.17	Pass
5755	14.05	13.94	17.01	≤ 29.17	Pass
5795	14.13	14.03	17.09	≤ 29.17	Pass

Remark:

1. Average Power = Reading value on power meter + cable loss
2. 10 Log(X/mW) = dBm, X=1 watt (Limit)
   1 watt = 30 dBm
3. Section E) method 1) of power measurement of KDB 662911 is used for calculating total power.

802.11ac VHT80

Frequency (MHz)	Average power (dBm)			Limit (dBm)	Result
	Chain A	Chain B	Total		
5210	3.26	3.15	6.22	≤ 23.17	Pass
5290	1.45	1.37	4.42	≤ 23.17	Pass
5530	3.76	3.73	6.76	≤ 23.17	Pass
5610	13.05	12.98	16.03	≤ 23.17	Pass
5775	12.93	12.82	15.89	≤ 29.17	Pass

Remark:

1. Average Power = Reading value on power meter + cable loss
2. 10 Log(X/mW) = dBm, X=1 watt (Limit)
   1 watt = 30 dBm
3. Section E) method 1) of power measurement of KDB 662911 is used for calculating total power.

2.2.5 發射功率控制

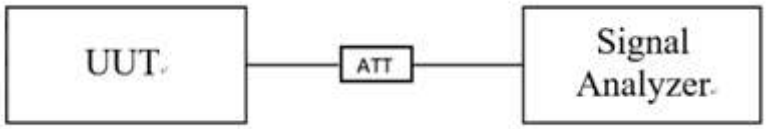
待測物不支援發射功率控制功能

2.3 26 dB 頻寬、6 dB 頻寬和 99%占用頻寬

2.3.1 限制值

5725 MHz~5850MHz，6 dB 頻寬至少應有 500 kHz。

2.3.2 測試架構



2.3.3 測試流程

1. The following procedure shall be used for measuring 26 dB bandwidth:
   (1) Set RBW = approximately 1% of the emission bandwidth.
   (2) Set the VBW > RBW, Detector = Peak, Trace mode = max hold
   (3) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
2. The following procedure shall be used for measuring 6dB bandwidth:
   (1) Enable the EUT transmit continuously.
   (2) Set RBW = 100 kHz, VBW ≥ 3 RBW, Sweep = auto couple.
   (3) Detector = Peak, Trace mode = max hold.
   (4) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
3. The following procedure shall be used for measuring 99% power bandwidth:
   (1) Set center frequency to the nominal EUT channel center frequency.
   (2) Set span = 1.5 times to 5.0 times the OBW.
   (3) Set RBW = 1% to 5% of the OBW.
   (4) Set the VBW ≥ 3 RBW.
   (5) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
   (6) Use the 99% power bandwidth function of the instrument (if available).

(7) If the instrument does not have a 99% power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

2.3.4 測試結果

6dB Bandwidth：

802.11a

Frequency (MHz)	6dB BW (MHz)		Limit (kHz)	Result
	Chain A	Chain B		
5745	15.11	15.13	> 500	Pass
5785	15.15	15.15	> 500	Pass
5825	15.13	15.11	> 500	Pass

802.11ac VHT20

Frequency (MHz)	6dB BW (MHz)		Limit (kHz)	Result
	Chain A	Chain B		
5745	15.14	15.13	> 500	Pass
5785	15.15	15.14	> 500	Pass
5825	15.94	15.73	> 500	Pass

802.11ac VHT40

Frequency (MHz)	6dB BW (MHz)		Limit (kHz)	Result
	Chain A	Chain B		
5755	35.16	35.15	> 500	Pass
5795	35.14	35.11	> 500	Pass

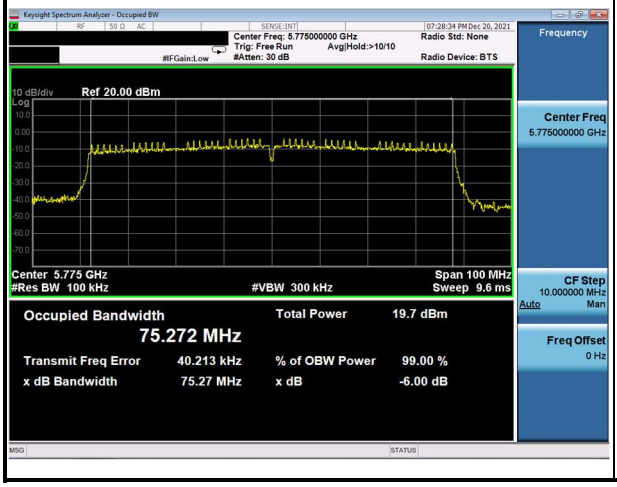
802.11ac VHT80

Frequency (MHz)	6dB BW (MHz)		limit (kHz)	Result
	Chain A	Chain B		
5775	75.27	75.24	> 500	Pass

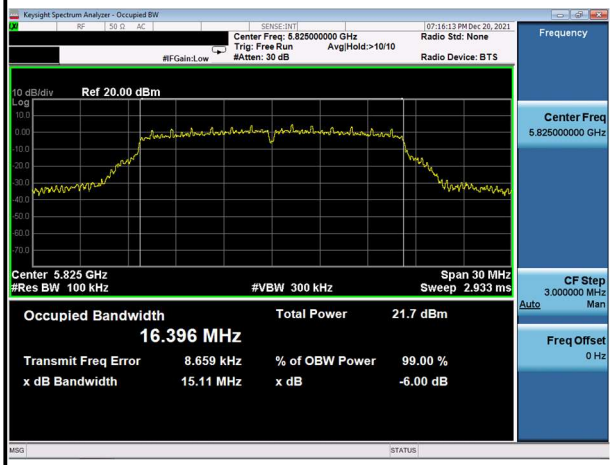
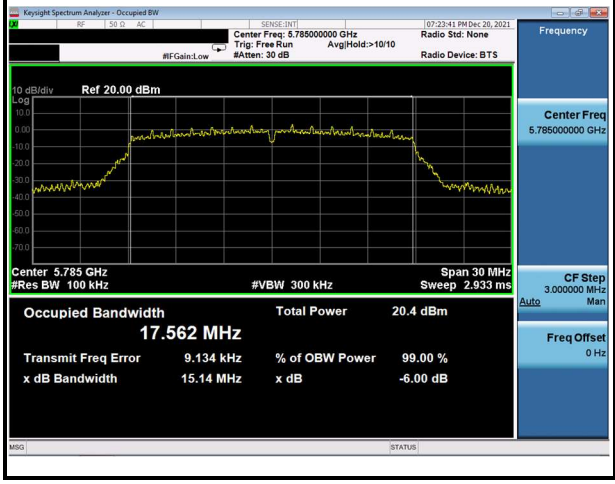
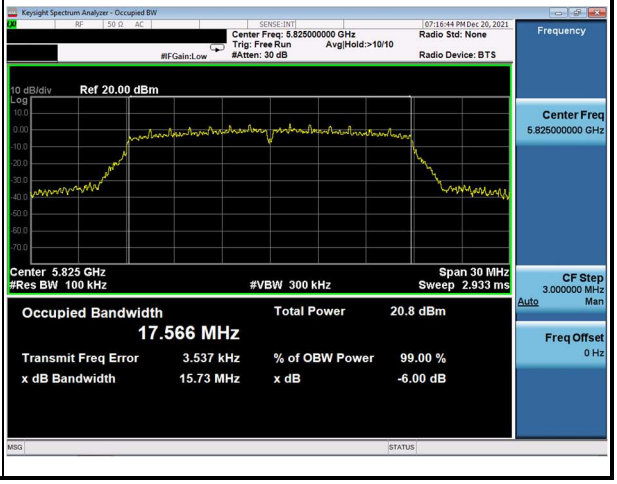
6dB spectrum plot of Chain A value:

802.11a 5745MHz	802.11a 5785MHz
	
802.11a 5825MHz	**802.11ac VHT20 5745MHz**
	
802.11ac VHT20 5785MHz	**802.11ac VHT20 5825MHz**
	

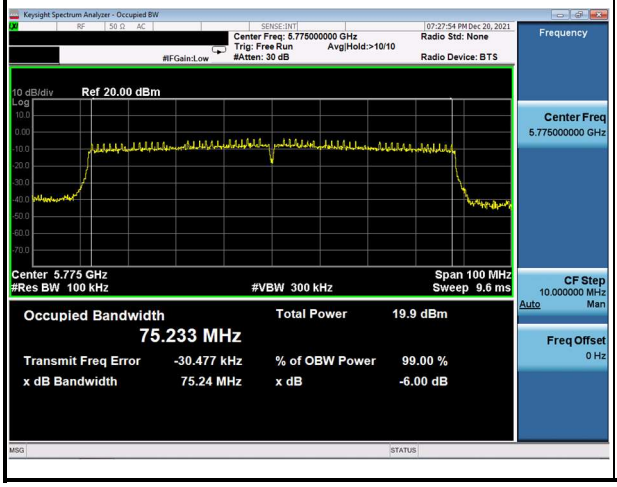
6dB spectrum plot of Chain A value:

802.11ac VHT40 5755MHz	802.11ac VHT40 5795MHz
	
802.11ac VHT80 5775MHz	**--**
	--

6dB spectrum plot of Chain B value:

802.11a 5745MHz	802.11a 5785MHz
	
802.11a 5825MHz	**802.11ac VHT20 5745MHz**
	
802.11ac VHT20 5785MHz	**802.11ac VHT20 5825MHz**
	

6dB spectrum plot of Chain B value:

802.11ac VHT40 5755MHz	802.11ac VHT40 5795MHz
	
802.11ac VHT80 5775MHz	**--**
	--

26dB Bandwidth & 99% Occupied Bandwidth：

802.11a

Frequency (MHz)	26dB BW (MHz)		99% OBW (MHz)		Limit (kHz)	Result
	Chain A	Chain B	Chain A	Chain B		
5180	20.170	20.210	--	--	--	--
5220	20.270	20.110	--	--	--	--
5240	20.250	20.210	--	--	--	--
5260	20.180	20.260	--	--	--	--
5300	20.270	20.060	--	--	--	--
5320	19.950	20.020	--	--	--	--
5500	20.140	20.140	--	--	--	--
5580	20.180	20.420	--	--	--	--
5700	20.340	20.350	--	--	--	--

802.11ac VHT20

Frequency (MHz)	26dB BW (MHz)		99% OBW (MHz)		Limit (kHz)	Result
	Chain A	Chain B	Chain A	Chain B		
5180	20.300	20.220	--	--	--	--
5220	20.370	20.210	--	--	--	--
5240	20.200	20.230	--	--	--	--
5260	20.120	20.160	--	--	--	--
5300	20.400	20.300	--	--	--	--
5320	20.160	20.170	--	--	--	--
5500	20.160	20.270	--	--	--	--
5580	20.100	20.130	--	--	--	--
5700	20.430	20.250	--	--	--	--

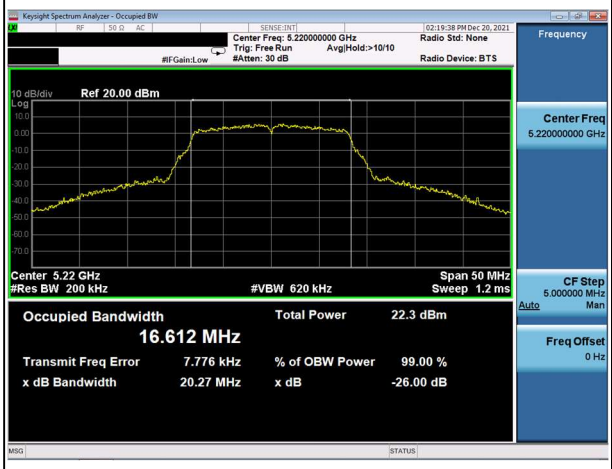
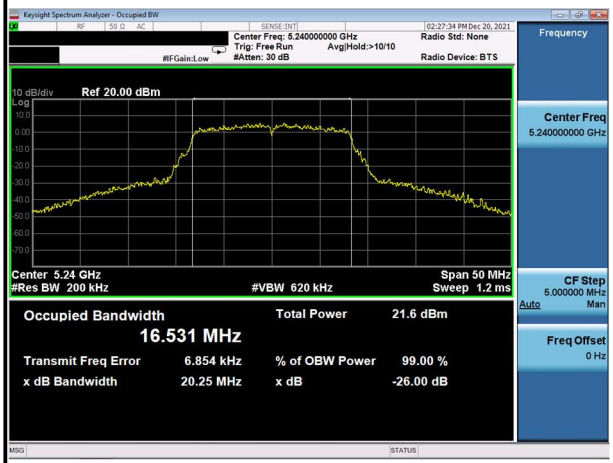
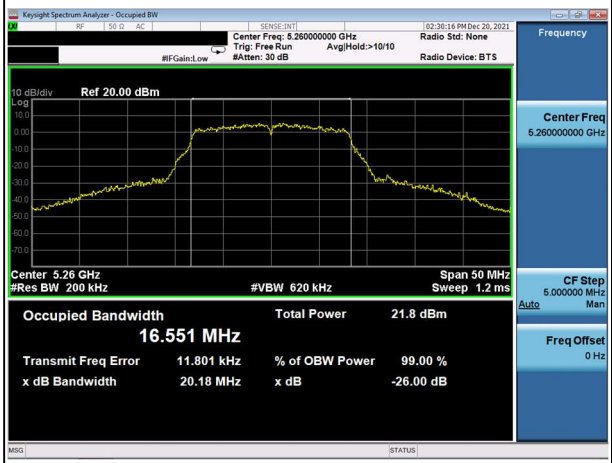
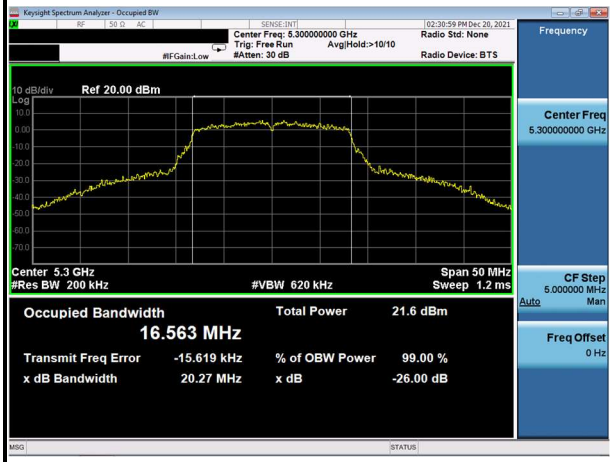
802.11ac VHT40

Frequency (MHz)	26dB BW (MHz)		99% OBW (MHz)		Limit (kHz)	Result
	Chain A	Chain B	Chain A	Chain B		
5190	40.600	40.020	--	--	--	--
5230	40.530	40.360	--	--	--	--
5270	40.620	40.350	--	--	--	--
5310	40.510	40.380	--	--	--	--
5510	40.310	40.280	--	--	--	--
5550	40.830	40.280	--	--	--	--
5670	40.710	40.340	--	--	--	--

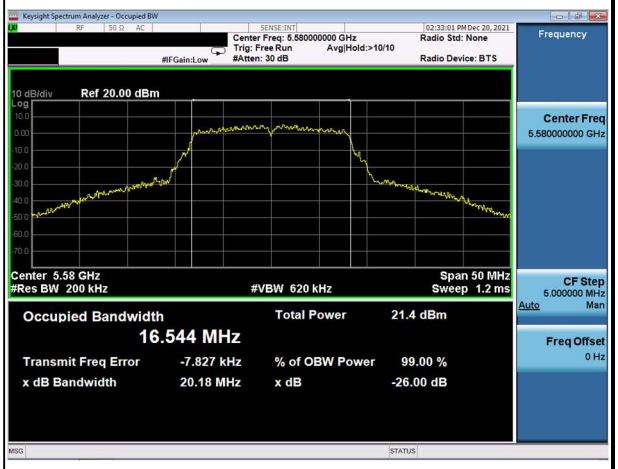
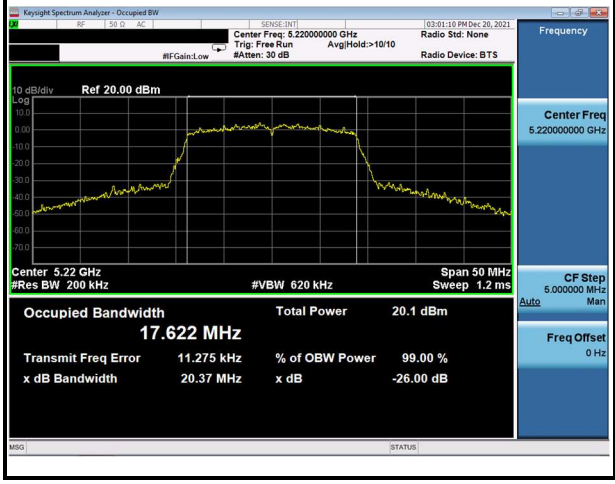
802.11ac VHT80

Frequency (MHz)	26dB BW (MHz)		99% OBW (MHz)		Limit (kHz)	Result
	Chain A	Chain B	Chain A	Chain B		
5210	81.140	80.680	--	--	--	--
5290	80.610	80.770	--	--	--	--
5530	80.720	80.200	--	--	--	--
5610	80.650	80.450	--	--	--	--

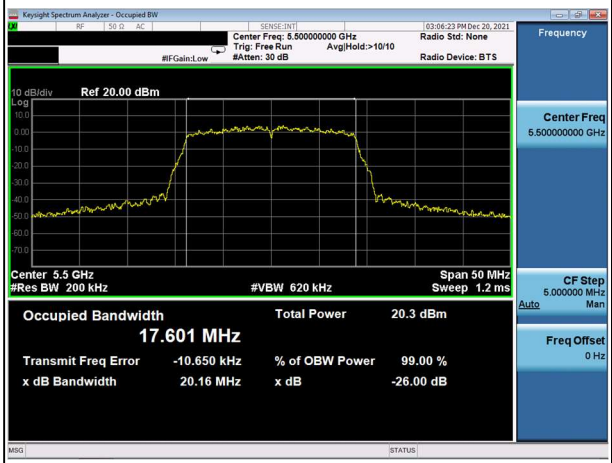
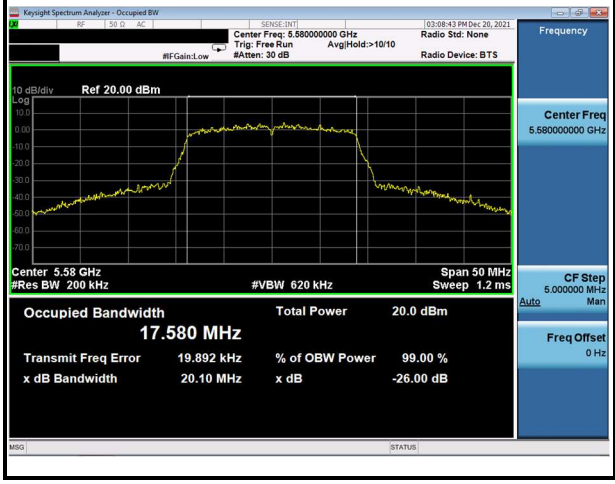
26dB Occupied Bandwidth spectrum plot of Chain A value:

802.11a 5180MHz	802.11a 5220MHz
	
802.11a 5240MHz	**802.11a 5260MHz**
	
802.11n a 5300MHz	**802.11n a 5320MHz**
	

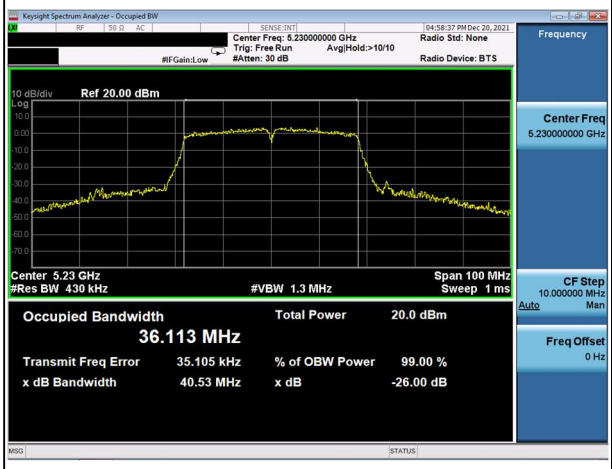
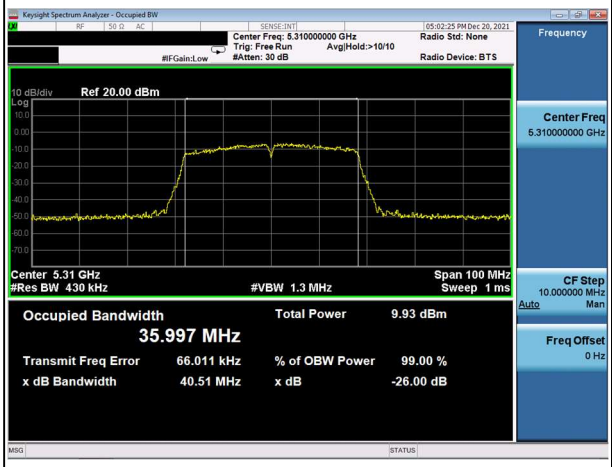
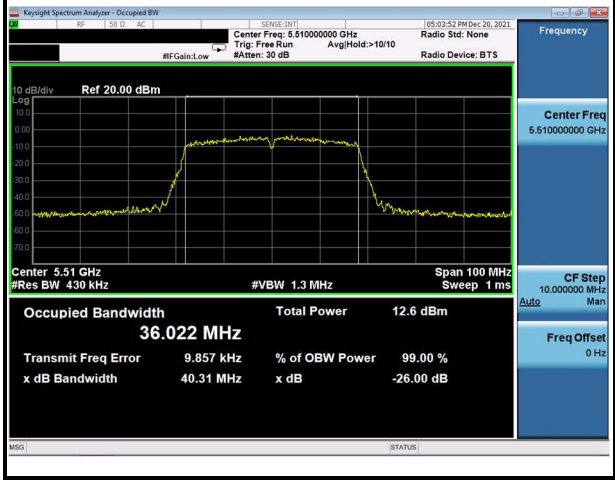
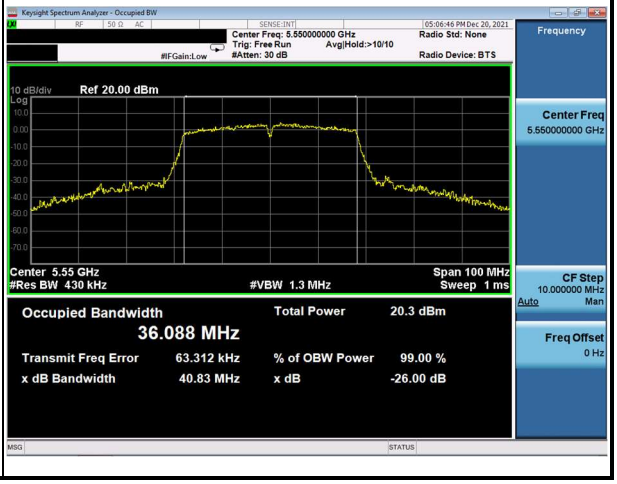
26dB Occupied Bandwidth spectrum plot of Chain A value:

802.11a 5500MHz	802.11a 5580MHz
	
802.11a 5700MHz	**802.11ac VHT20 5180MHz**
	
802.11ac VHT20 5220MHz	**802.11ac VHT20 5240MHz**
	

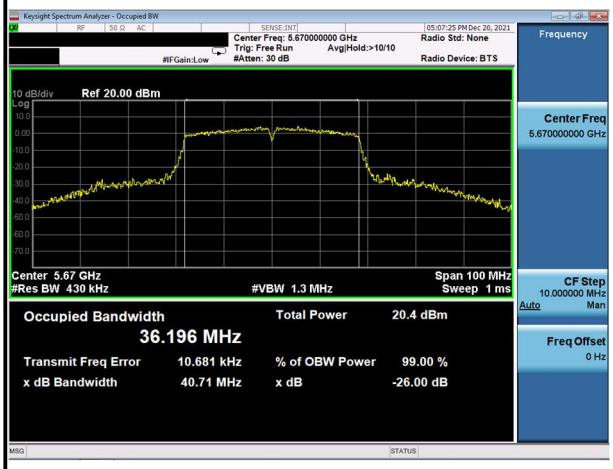
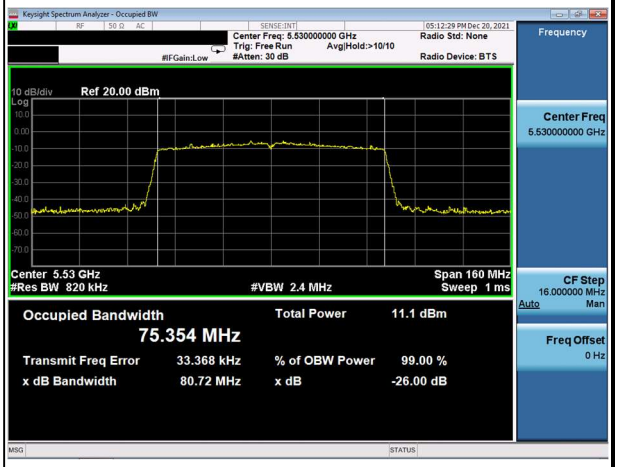
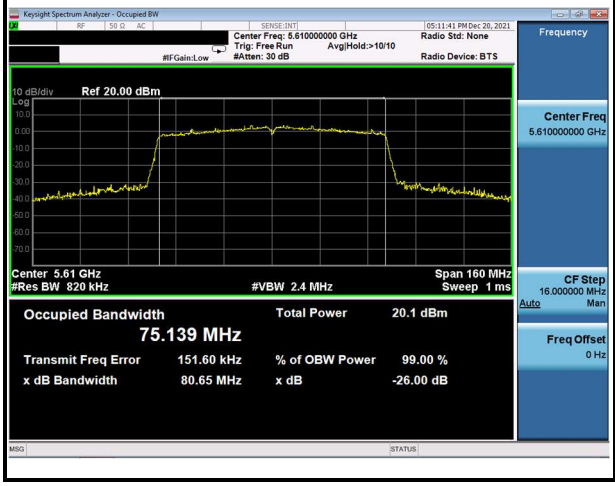
26dB Occupied Bandwidth spectrum plot of Chain A value:

802.11ac VHT20 5260MHz	802.11ac VHT20 5300MHz
	
802.11ac VHT20 5320MHz	**802.11ac VHT20 5500MHz**
	
802.11ac VHT20 5580MHz	**802.11ac VHT20 5700MHz**
	

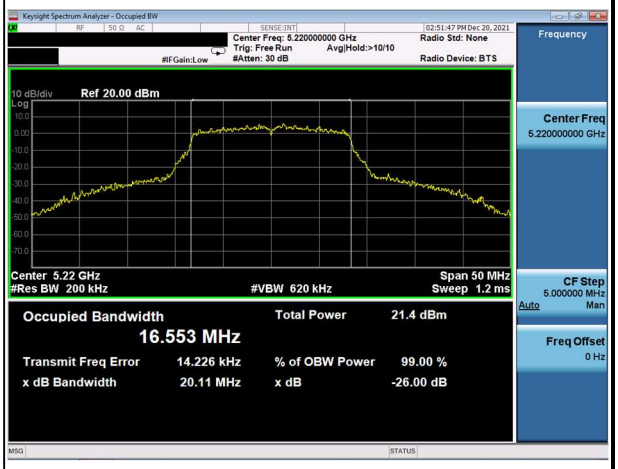
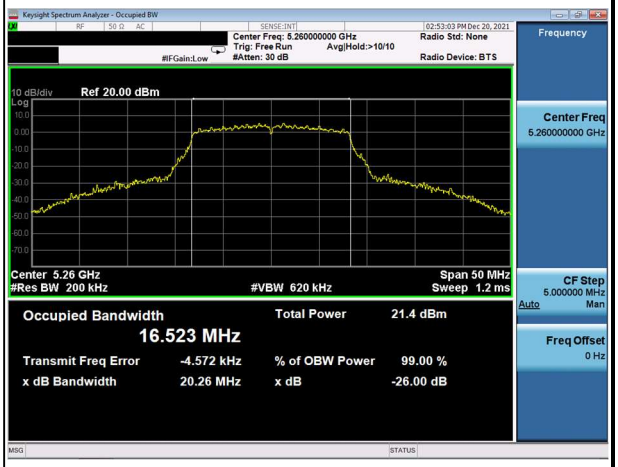
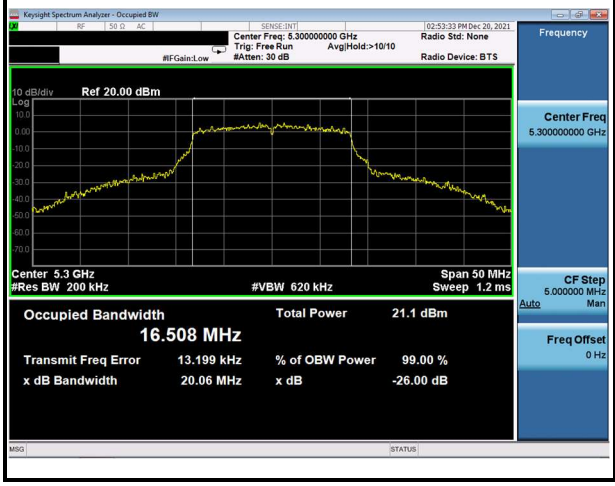
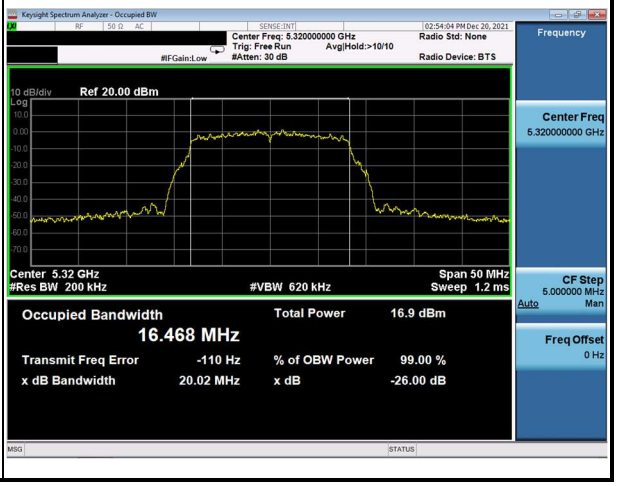
26dB Occupied Bandwidth spectrum plot of Chain A value:

802.11ac VHT40 5190MHz	802.11ac VHT40 5230MHz
	
802.11ac VHT40 5270MHz	**802.11ac VHT40 5310MHz**
	
802.11ac VHT40 5510MHz	**802.11ac VHT40 5550MHz**
	

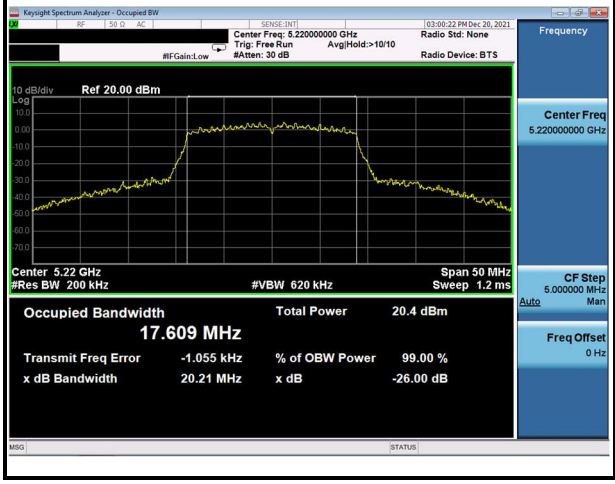
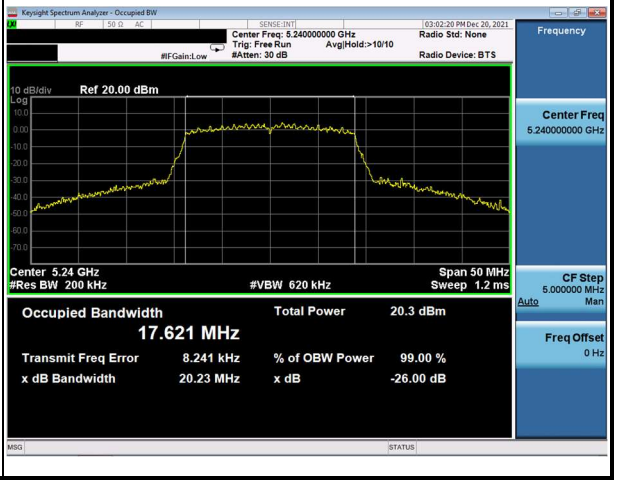
26dB Occupied Bandwidth spectrum plot of Chain A value:

802.11ac VHT40 5670MHz	802.11ac VHT80 5210MHz
	
802.11ac VHT80 5290MHz	**802.11ac VHT80 5530MHz**
	
802.11ac VHT80 5610MHz	**--**
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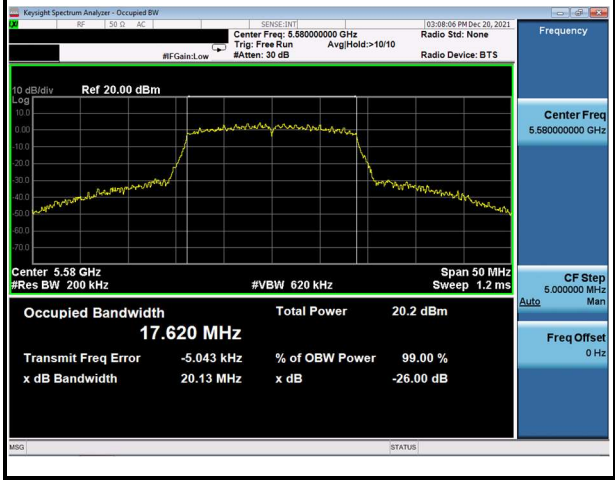
26dB Occupied Bandwidth spectrum plot of Chain B value:

802.11a 5180MHz	802.11a 5220MHz
	
802.11a 5240MHz	**802.11a 5260MHz**
	
802.11n a 5300MHz	**802.11n a 5320MHz**
	

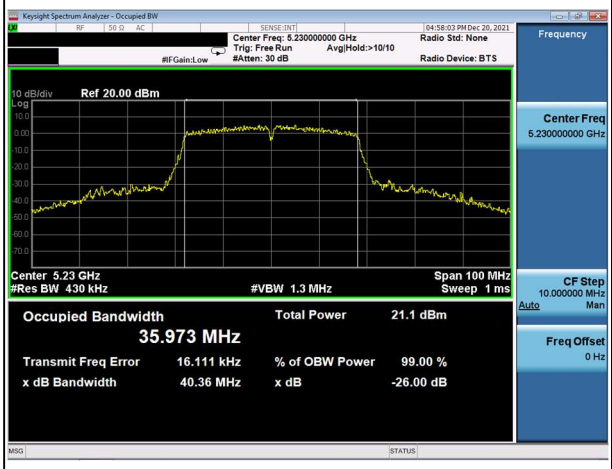
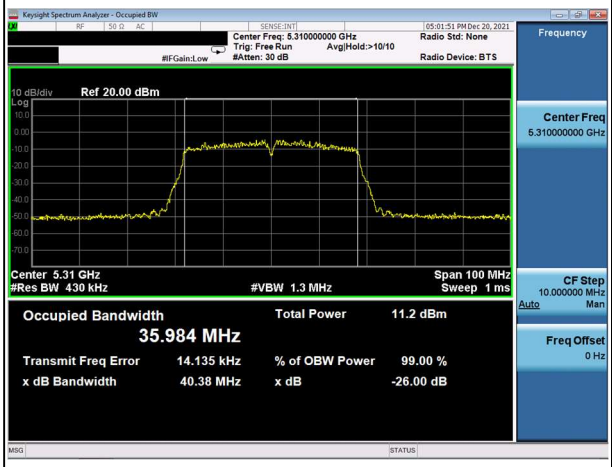
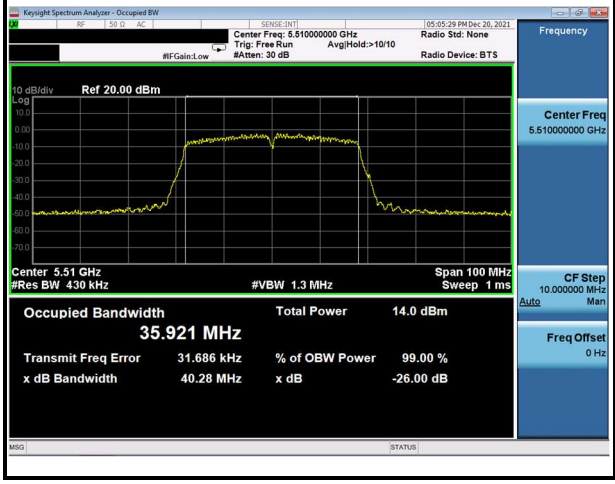
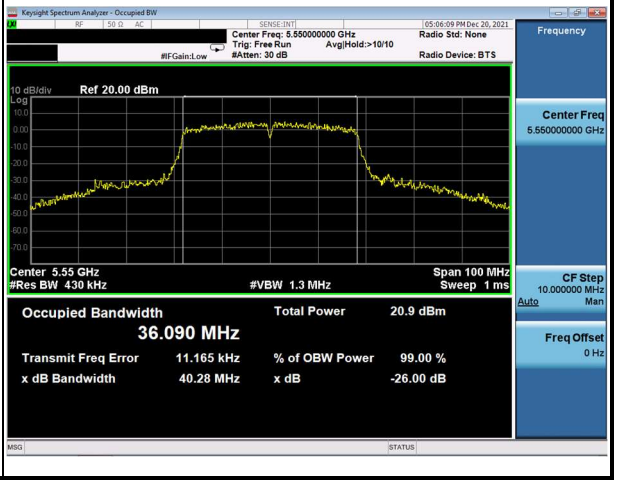
26dB Occupied Bandwidth spectrum plot of Chain B value:

802.11a 5500MHz	802.11a 5580MHz
	
802.11a 5700MHz	**802.11ac VHT20 5180MHz**
	
802.11ac VHT20 5220MHz	**802.11ac VHT20 5240MHz**
	

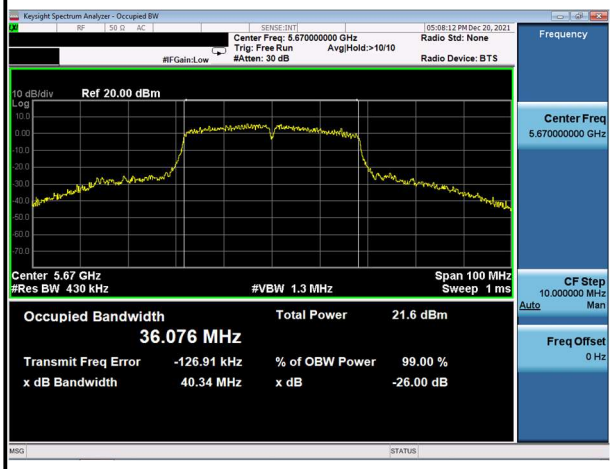
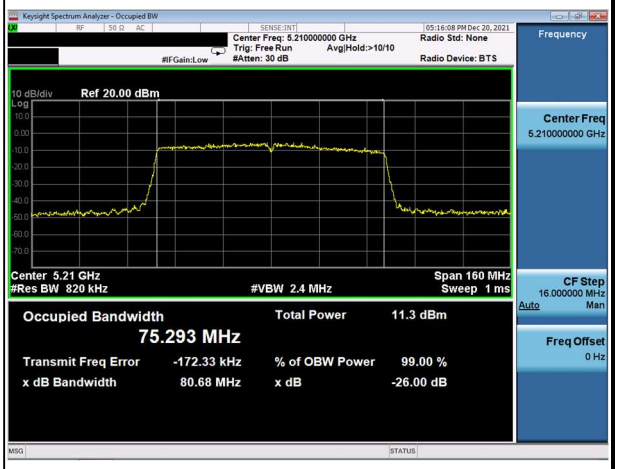
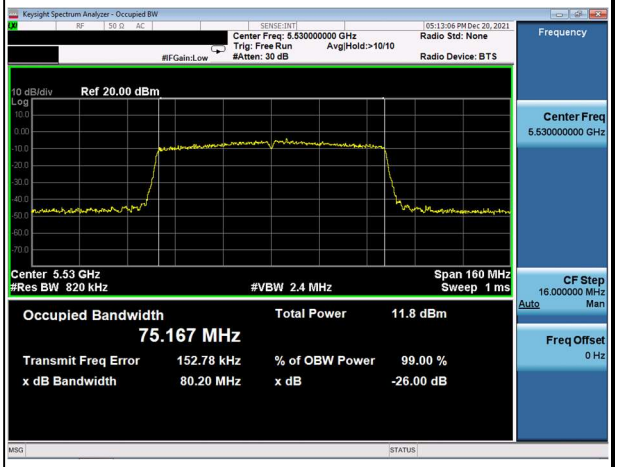
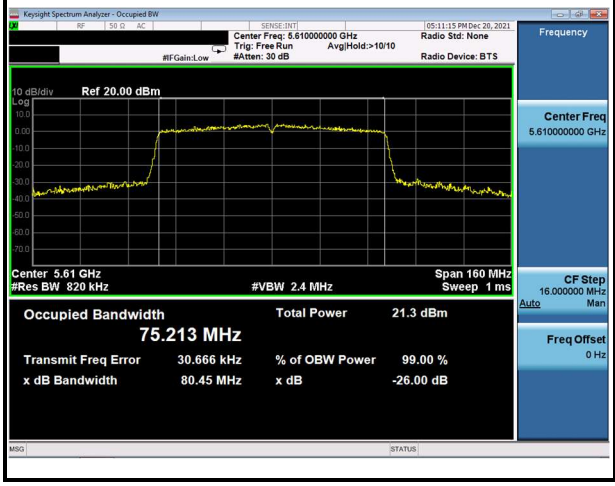
26dB Occupied Bandwidth spectrum plot of Chain B value:

802.11ac VHT20 5260MHz	802.11ac VHT20 5300MHz
	
802.11ac VHT20 5320MHz	**802.11ac VHT20 5500MHz**
	
802.11ac VHT20 5580MHz	**802.11ac VHT20 5700MHz**
	

26dB Occupied Bandwidth spectrum plot of Chain B value:

802.11ac VHT40 5190MHz	802.11ac VHT40 5230MHz
	
802.11ac VHT40 5270MHz	**802.11ac VHT40 5310MHz**
	
802.11ac VHT40 5510MHz	**802.11ac VHT40 5550MHz**
	

26dB Occupied Bandwidth spectrum plot of Chain B value:

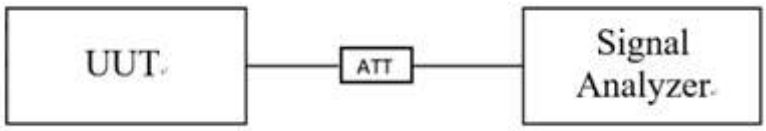
802.11ac VHT40 5670MHz	802.11ac VHT80 5210MHz
	
802.11ac VHT80 5290MHz	**802.11ac VHT80 5530MHz**
	
802.11ac VHT80 5610MHz	**--**
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2.4 功率頻譜密度

2.4.1 限制值

1. For frequency Band 5150~5250MHz:
   (1) Outdoor access point : 17 dBm / MHz
   (2) Indoor access point : 17 dBm / MHz
   (3) Fixed point-to-point access point : 17 dBm / MHz
   (4) Mobile and portable client device : 11 dBm / MHz
2. For frequency Band 5250~5350MHz:
   11 dBm / MHz
3. For frequency Band 5470~5725MHz:
   11 dBm / MHz
4. For frequency Band 5725~5850MHz:
   30 dBm / 500kHz
5. 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量， 等量減少最大傳導輸出功率及最大功率頻譜密度。

2.4.2 測試架構



2.4.3 測試流程

1. For frequency band 5150~5250, 5250~5350, 5470~5725MHz
   Method SA-2
   (1) Measure the duty cycle D of the transmitter output signal.
   (2) Set span to encompass the entire 26 dB EBW or 99% OBW of the signal
   (3) Spectrum analyzer set:
      a) RBW = 1 MHz
      b) VBW = 3MHz
      c) Sweep time = auto
      d) Detector= RMS
      e) Number of points in sweep ≥ [2 span / RBW].
      (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
      f) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter.
2. For frequency band 5725~5850 MHz
   Method SA-2
   (1) Measure the duty cycle D of the transmitter output signal.
   (2) Set span to encompass the entire 26 dB EBW or 99% OBW of the signal
   (3) Spectrum analyzer set:
      a) RBW= 100 kHz
      b) VBW = 300 kHz
      c) Sweep time = auto
      d) Detector= RMS
      e) Number of points in sweep ≥ [2 span / RBW].
      (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
      f) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter.

2.4.4 測試結果

For 5150 MHz ~ 5250 MHz, 5250 MHz ~ 5350 MHz and 5470 MHz ~ 5725 MHz
802.11a

Frequency (MHz)	PSD (dBm)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
	Chain A	Chain B			
5180	2.69	2.13	5.43	< 11	Pass
5220	4.31	4.42	7.37	< 11	Pass
5240	4.59	4.47	7.54	< 11	Pass
5260	4.23	4.45	7.36	< 11	Pass
5300	4.44	4.57	7.52	< 11	Pass
5320	0.32	0.24	3.29	< 11	Pass
5500	2.77	1.97	5.40	< 11	Pass
5580	4.37	4.30	7.35	< 11	Pass
5700	4.41	4.15	7.29	< 11	Pass

備註: PSD = Reading value on spectrum analyzer + cable loss + duty factor

802.11ac VHT20

Frequency (MHz)	PSD (dBm)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
	Chain A	Chain B			
5180	1.05	0.30	3.70	< 10.17	Pass
5220	3.41	3.06	6.25	< 10.17	Pass
5240	3.28	2.97	6.14	< 10.17	Pass
5260	2.98	3.00	6.00	< 10.17	Pass
5300	3.23	3.21	6.23	< 10.17	Pass
5320	0.68	0.79	3.75	< 10.17	Pass
5500	3.19	3.16	6.19	< 10.17	Pass
5580	2.87	3.00	5.95	< 10.17	Pass
5700	3.09	2.92	6.02	< 10.17	Pass

備註:

1. PSD = Reading value on spectrum analyzer + cable loss + duty factor
2. Section E) method 2) b) of power density measurement of KDB 662911 is used for calculating total power density.

802.11ac VHT40

Frequency (MHz)	PSD (dBm)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
	Chain A	Chain B			
5190	-8.65	-8.72	-5.67	< 10.17	Pass
5230	0.08	-0.27	2.92	< 10.17	Pass
5270	0.21	0.37	3.30	< 10.17	Pass
5310	-10.09	-10.06	-7.07	< 10.17	Pass
5510	-7.31	-7.88	-4.58	< 10.17	Pass
5550	0.29	0.18	3.25	< 10.17	Pass
5670	0.27	0.28	3.29	< 10.17	Pass

備註:

1. PSD = Reading value on spectrum analyzer + cable loss + duty factor
2. Section E) method 2) b) of power density measurement of KDB 662911 is used for calculating total power density.

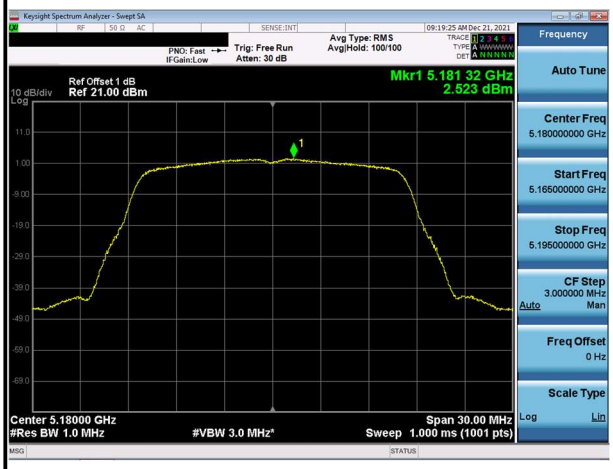
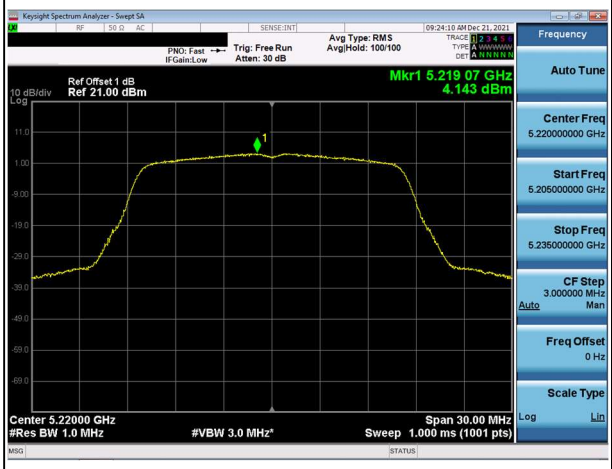
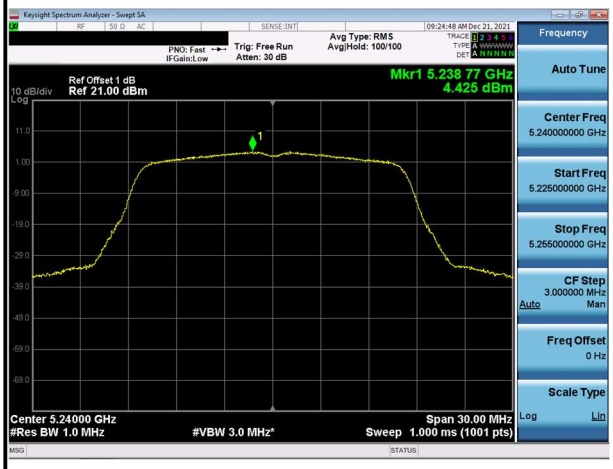
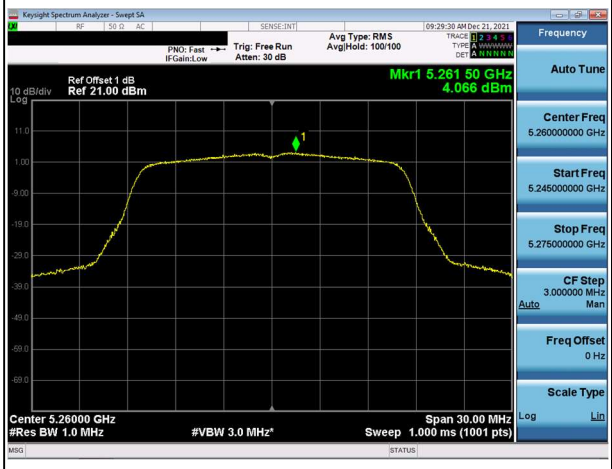
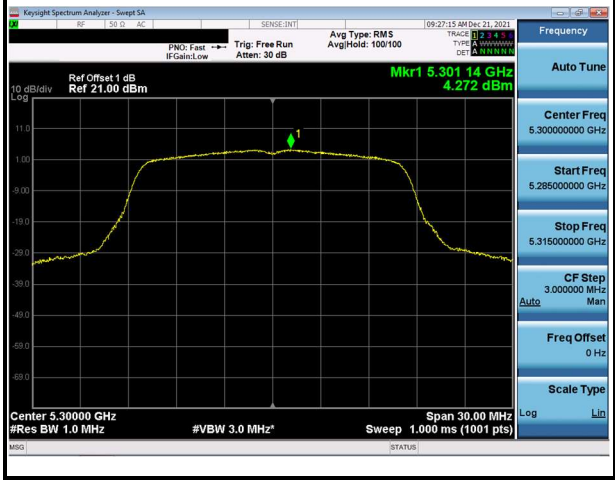
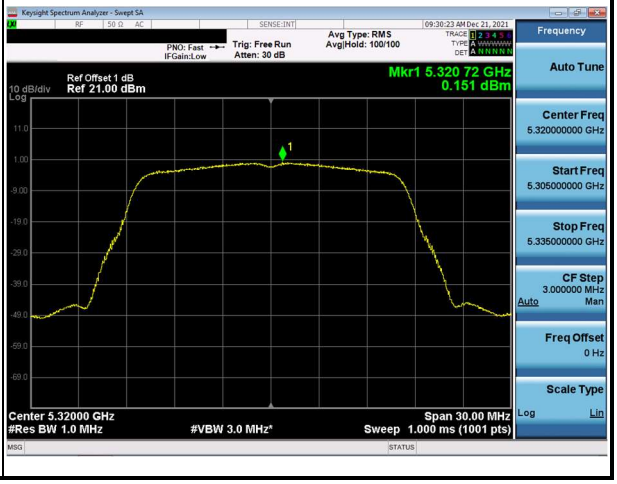
802.11ac VHT80

Frequency (MHz)	PSD (dBm)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
	Chain A	Chain B			
5210	-4.55	-4.78	-1.65	< 10.17	Pass
5290	-15.41	-15.06	-12.23	< 10.17	Pass
5530	-12.10	-12.33	-9.20	< 10.17	Pass
5610	-3.46	-3.61	-0.53	< 10.17	Pass

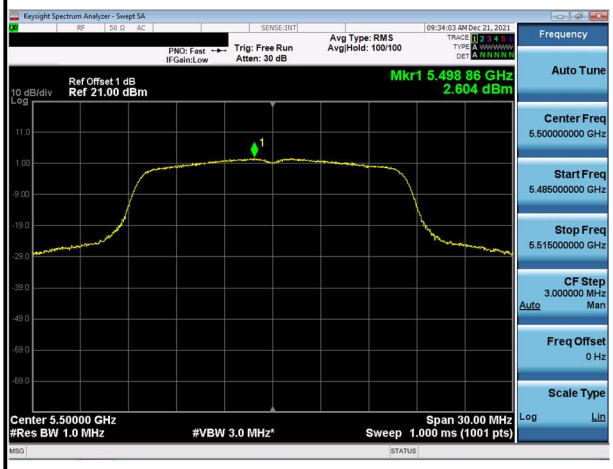
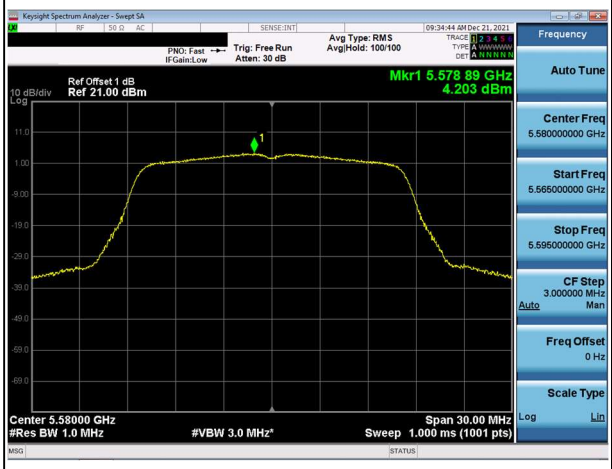
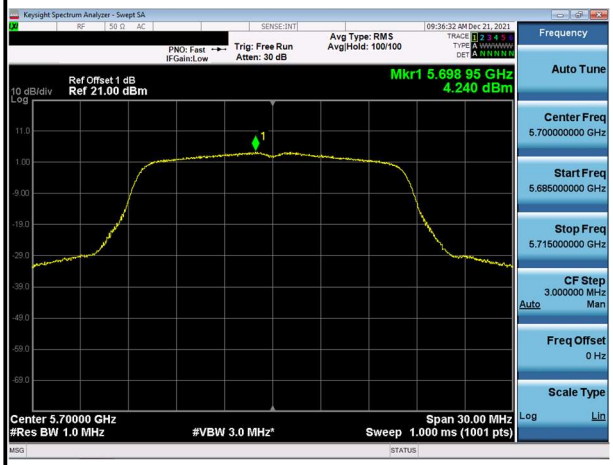
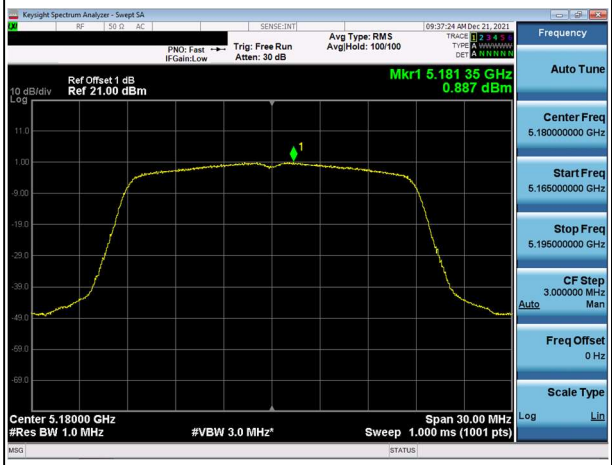
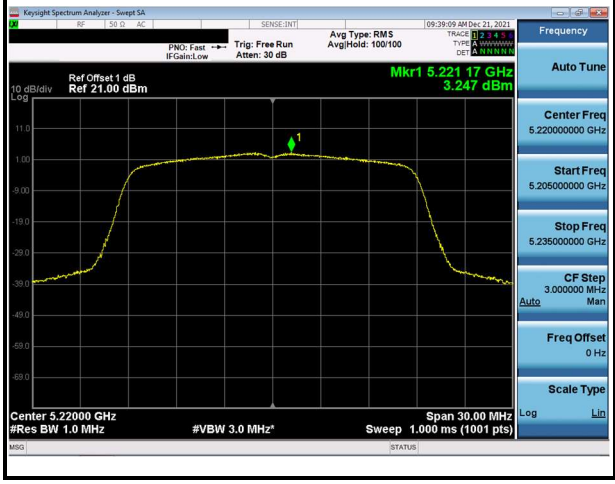
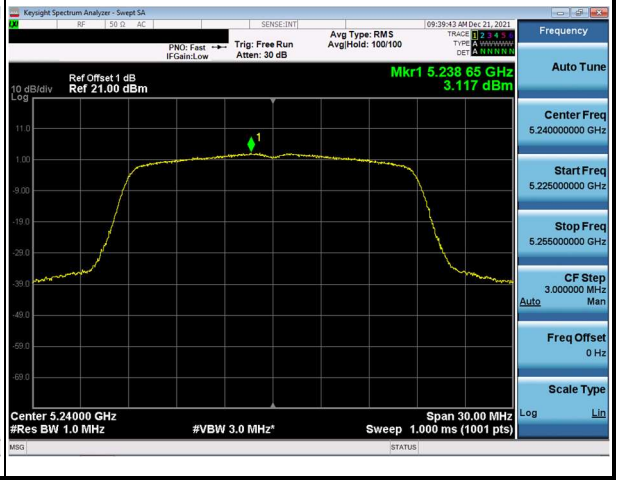
備註:

1. PSD = Reading value on spectrum analyzer + cable loss + duty factor
2. Section E) method 2) b) of power density measurement of KDB 662911 is used for calculating total power density.

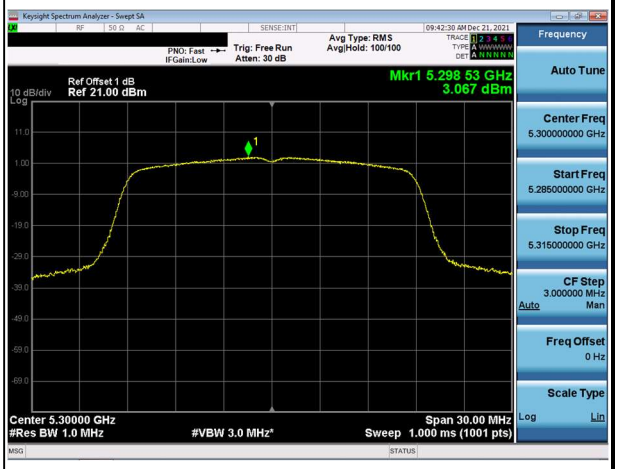
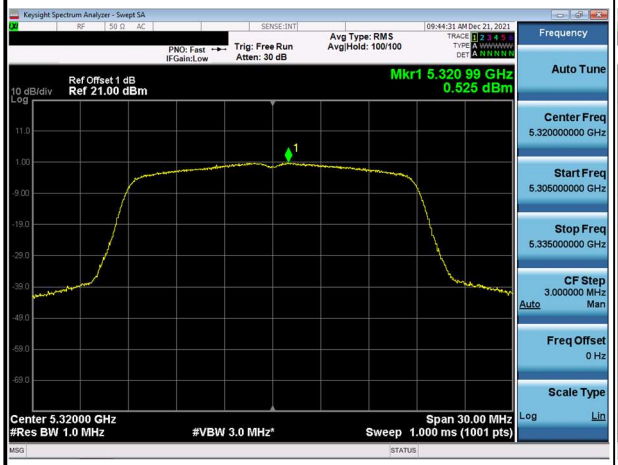
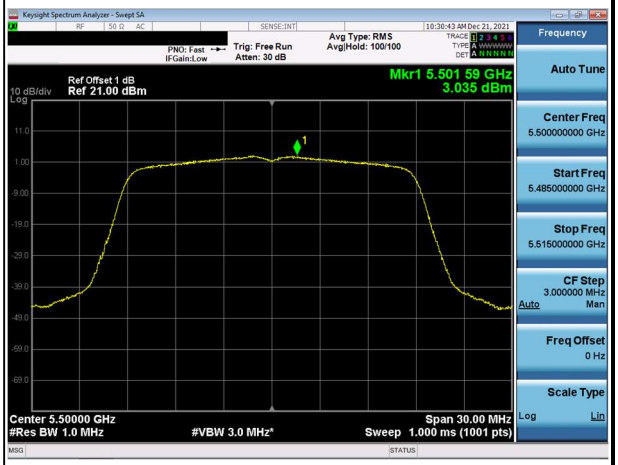
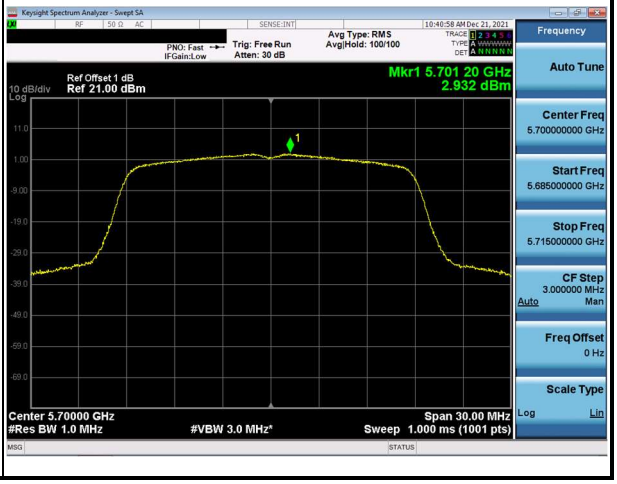
Power Spectral Density spectrum plot of Chain A value:

802.11a 5180MHz	802.11a 5220MHz
	
802.11a 5240MHz	**802.11a 5260MHz**
	
802.11n a 5300MHz	**802.11n a 5320MHz**
	

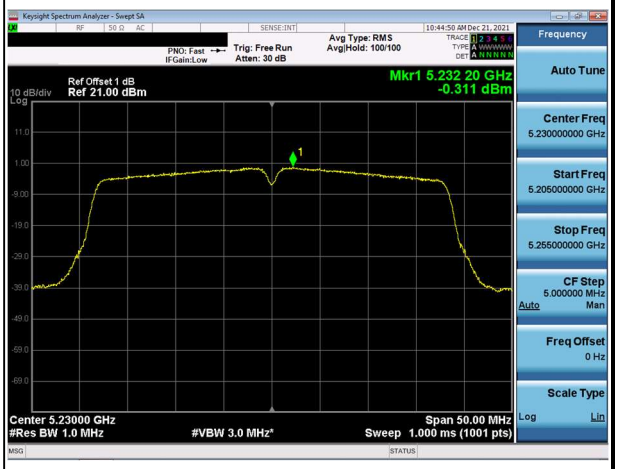
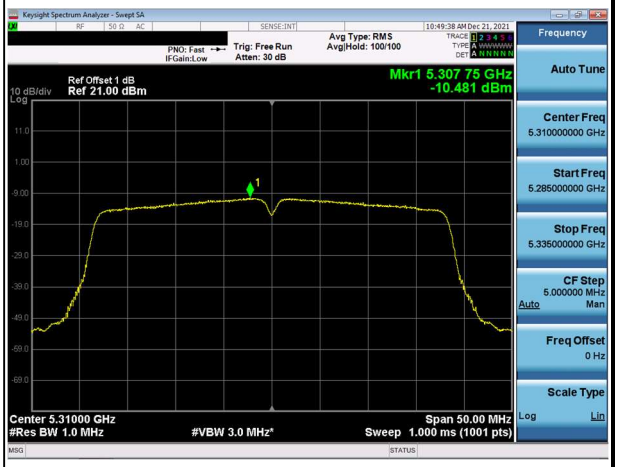
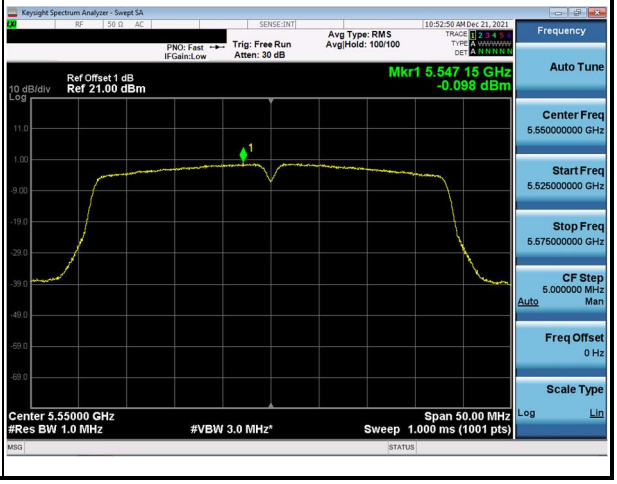
Power Spectral Density spectrum plot of Chain A value:

802.11a 5500MHz	802.11a 5580MHz
	
802.11a 5700MHz	**802.11ac VHT20 5180MHz**
	
802.11ac VHT20 5220MHz	**802.11ac VHT20 5240MHz**
	

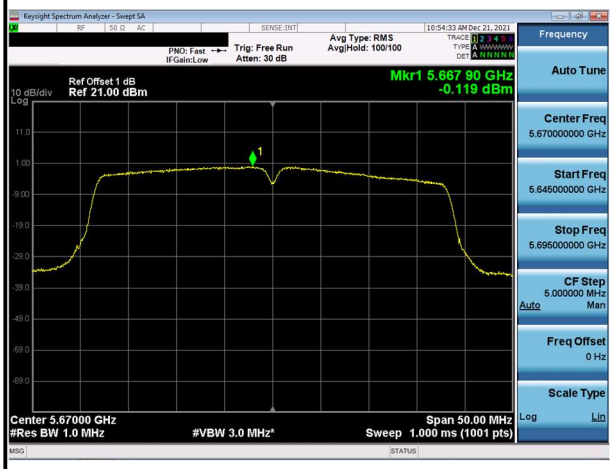
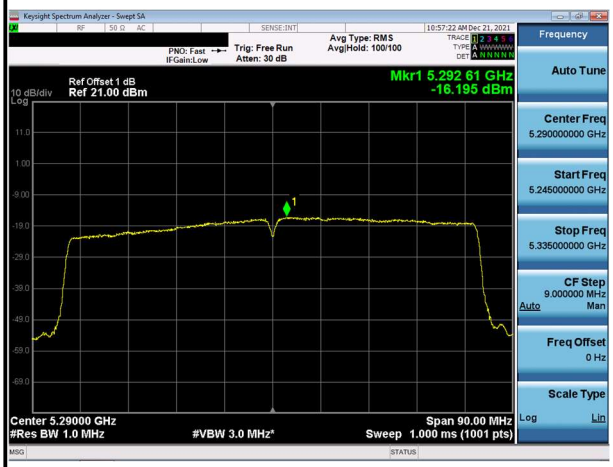
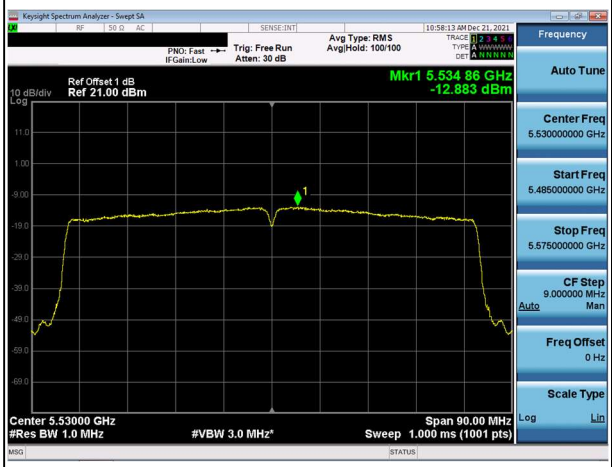
Power Spectral Density spectrum plot of Chain A value:

802.11ac VHT20 5260MHz	802.11ac VHT20 5300MHz
	
802.11ac VHT20 5320MHz	**802.11ac VHT20 5500MHz**
	
802.11ac VHT20 5580MHz	**802.11ac VHT20 5700MHz**
	

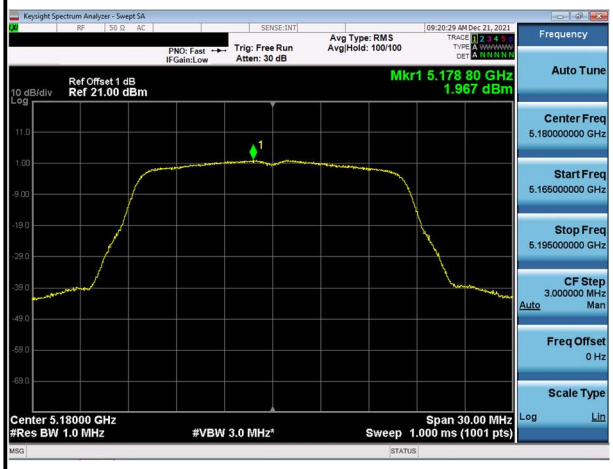
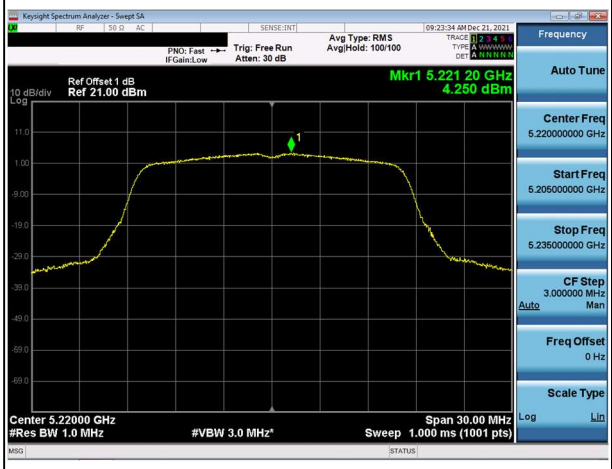
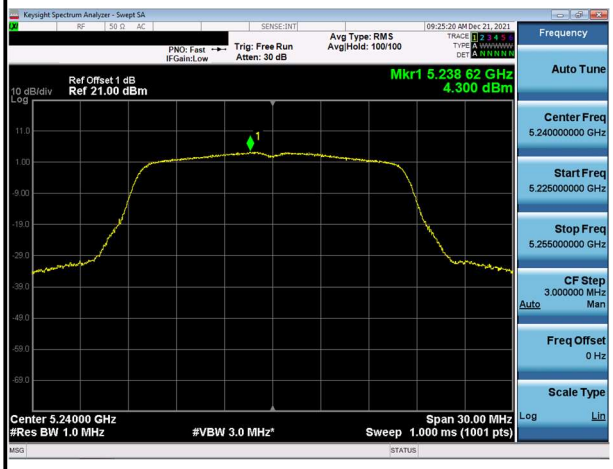
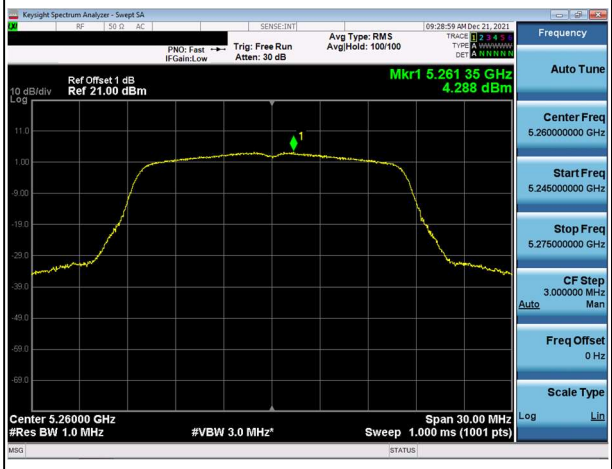
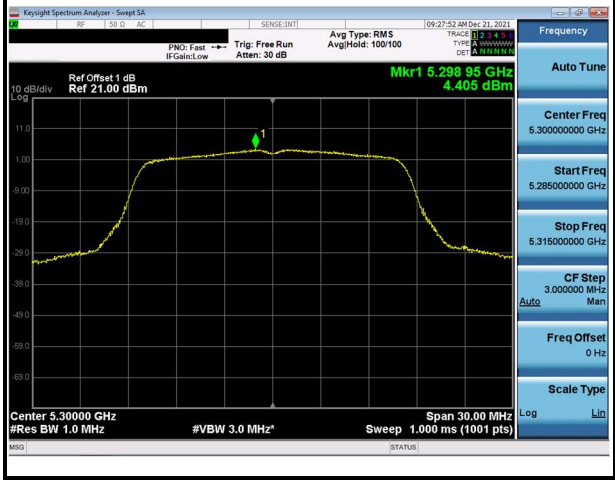
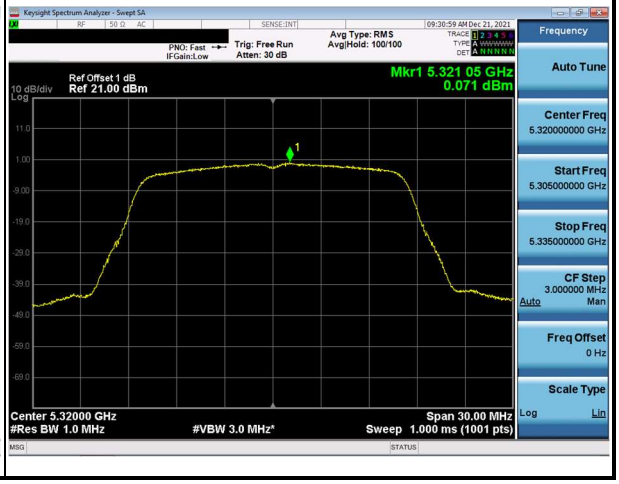
Power Spectral Density spectrum plot of Chain A value:

802.11ac VHT40 5190MHz	802.11ac VHT40 5230MHz
	
802.11ac VHT40 5270MHz	**802.11ac VHT40 5310MHz**
	
802.11ac VHT40 5510MHz	**802.11ac VHT40 5550MHz**
	

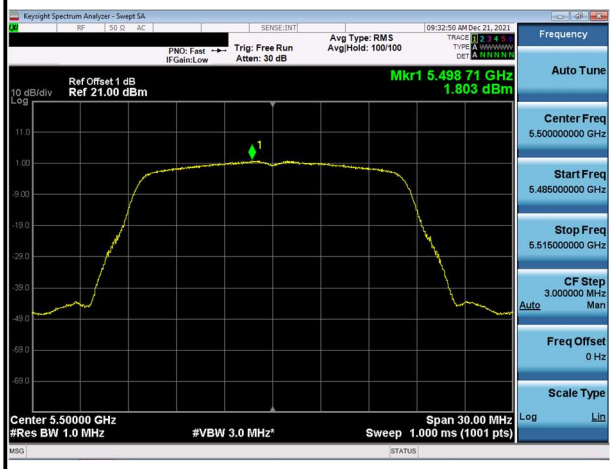
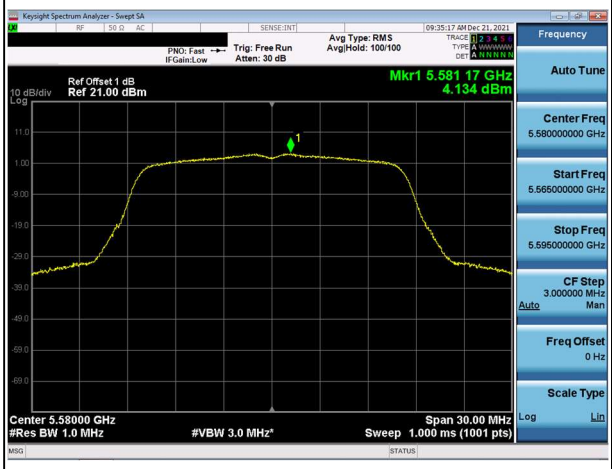
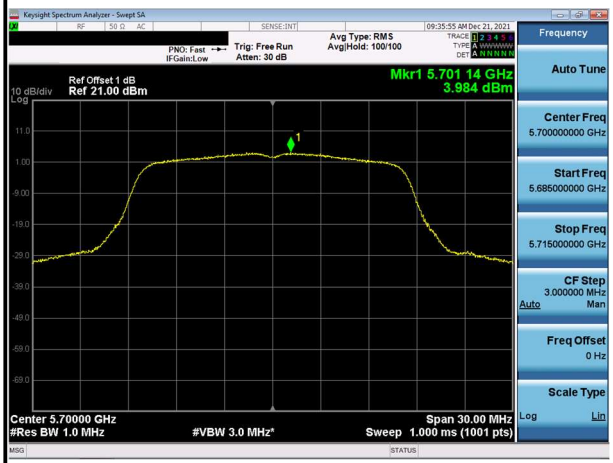
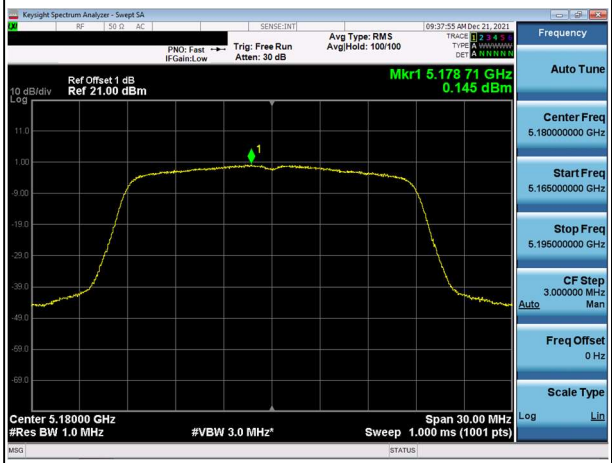
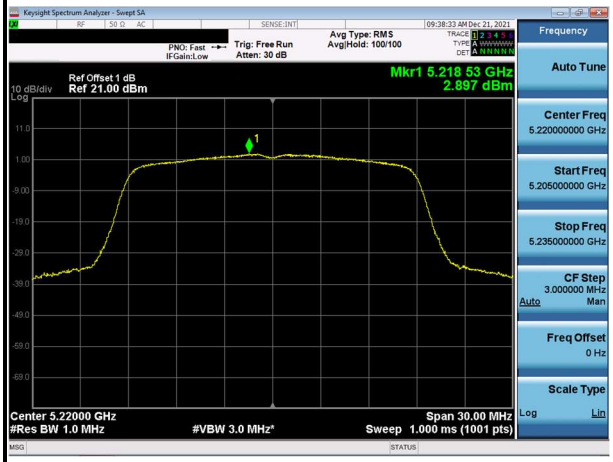
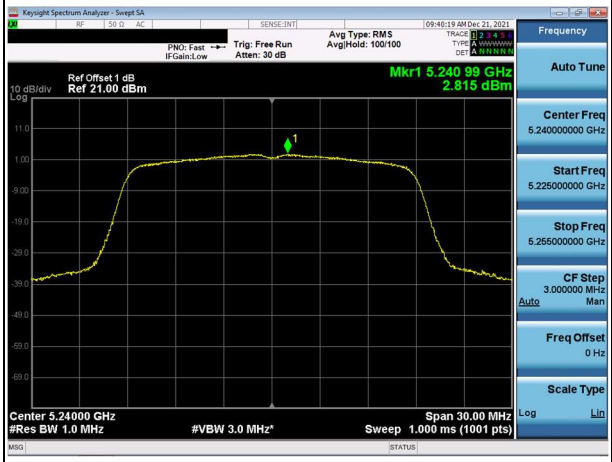
Power Spectral Density spectrum plot of Chain A value:

802.11ac VHT40 5670MHz	802.11ac VHT80 5210MHz
	
802.11ac VHT80 5290MHz	**802.11ac VHT80 5530MHz**
	
802.11ac VHT80 5610MHz	**--**
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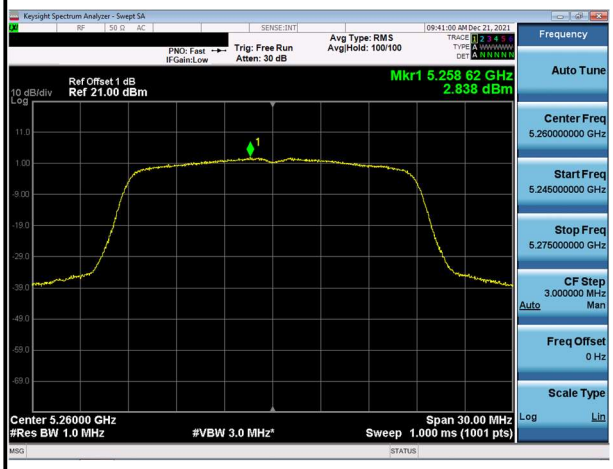
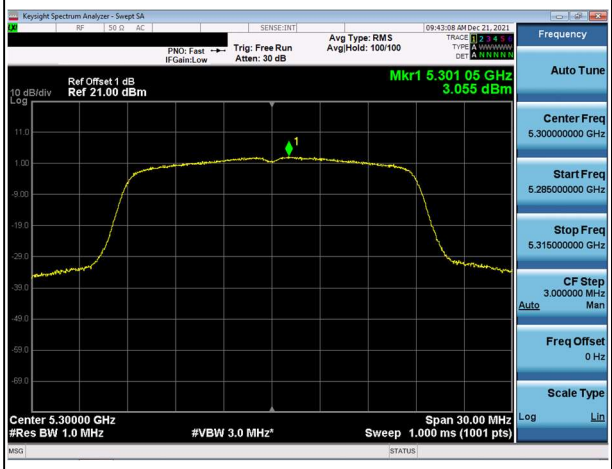
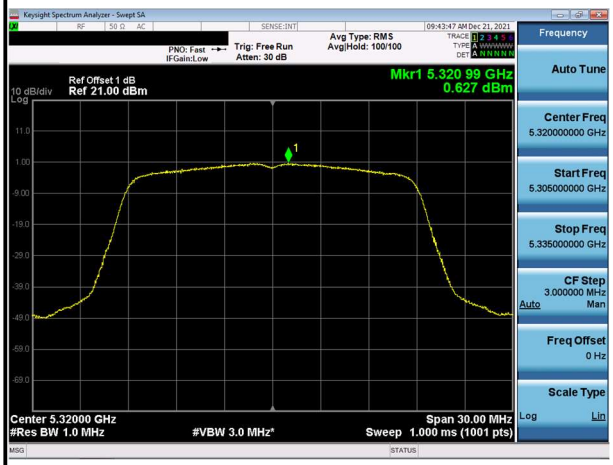
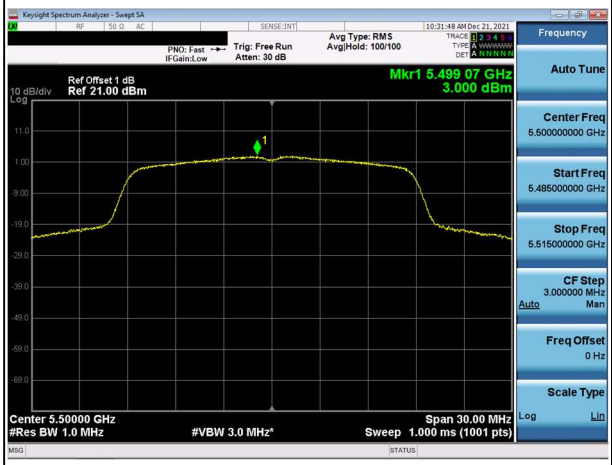
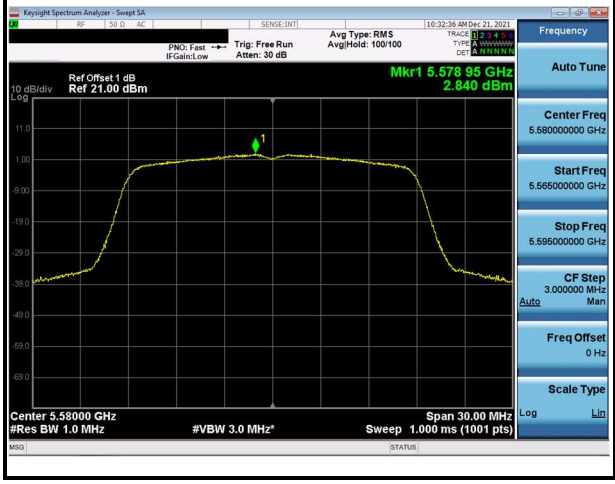
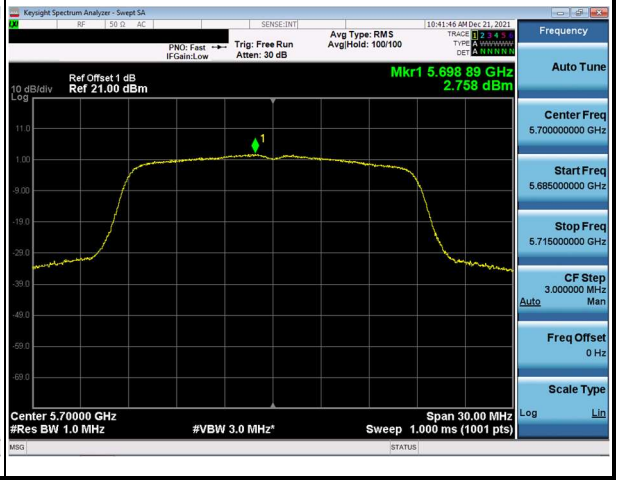
Power Spectral Density spectrum plot of Chain B value:

802.11a 5180MHz	802.11a 5220MHz
	
802.11a 5240MHz	**802.11a 5260MHz**
	
802.11n a 5300MHz	**802.11n a 5320MHz**
	

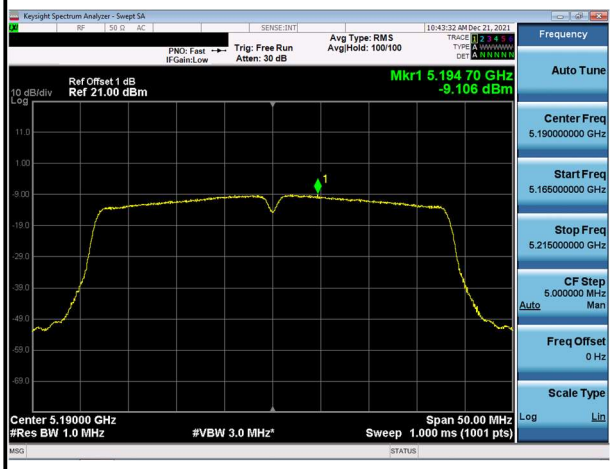
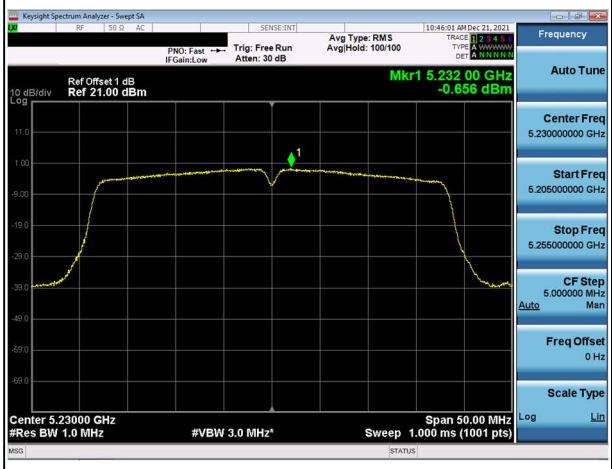
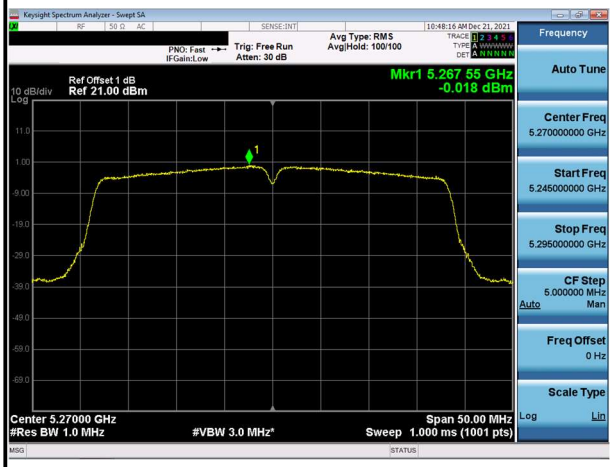
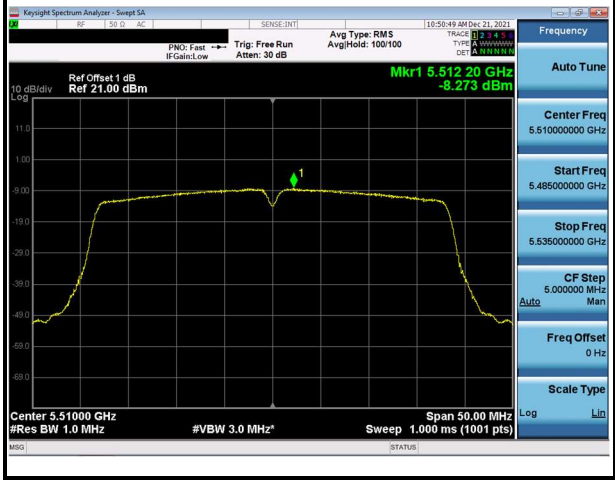
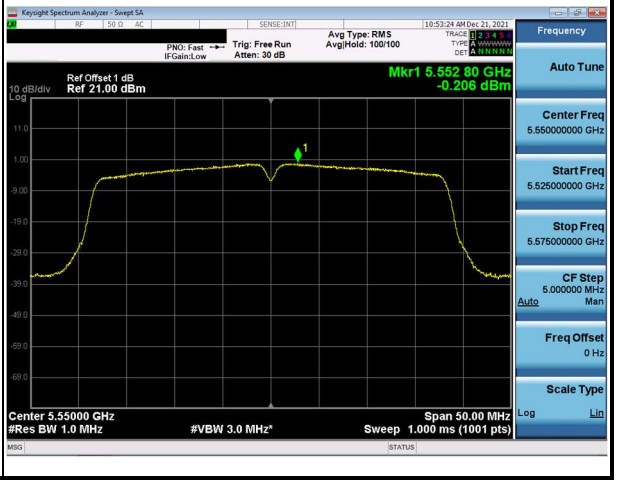
Power Spectral Density spectrum plot of Chain B value:

802.11a 5500MHz	802.11a 5580MHz
	
802.11a 5700MHz	**802.11ac VHT20 5180MHz**
	
802.11ac VHT20 5220MHz	**802.11ac VHT20 5240MHz**
	

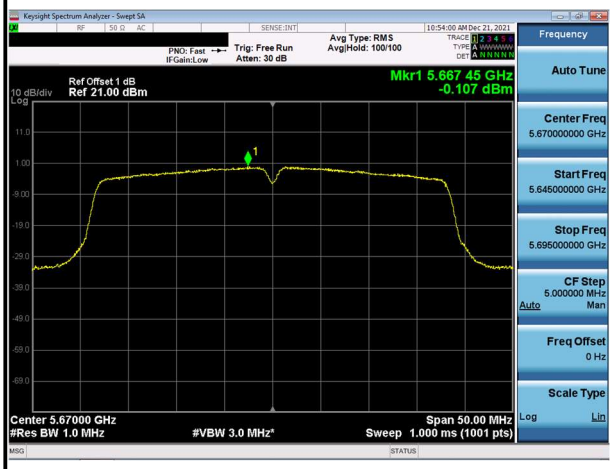
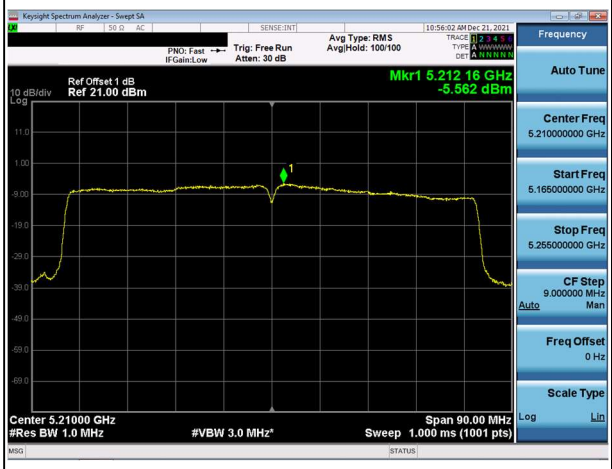
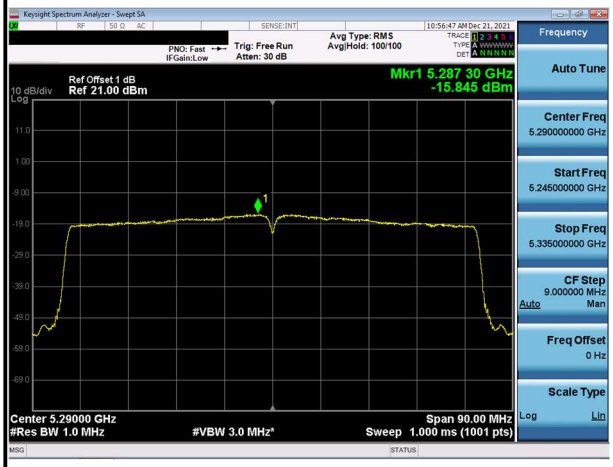
Power Spectral Density spectrum plot of Chain B value:

802.11ac VHT20 5260MHz	802.11ac VHT20 5300MHz
	
802.11ac VHT20 5320MHz	**802.11ac VHT20 5500MHz**
	
802.11ac VHT20 5580MHz	**802.11ac VHT20 5700MHz**
	

Power Spectral Density spectrum plot of Chain B value:

802.11ac VHT40 5190MHz	802.11ac VHT40 5230MHz
	
802.11ac VHT40 5270MHz	**802.11ac VHT40 5310MHz**
	
802.11ac VHT40 5510MHz	**802.11ac VHT40 5550MHz**
	

Power Spectral Density spectrum plot of Chain B value:

802.11ac VHT40 5670MHz	802.11ac VHT80 5210MHz
	
802.11ac VHT80 5290MHz	**802.11ac VHT80 5530MHz**
	
802.11ac VHT80 5610MHz	**--**
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For 5725 MHz ~ 5850 MHz

802.11a

Frequency (MHz)	PSD (dBm)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
	Chain A	Chain B			
5745	2.26	1.83	5.06	< 30	Pass
5785	2.27	1.69	5.00	< 30	Pass
5825	2.69	2.48	5.59	< 30	Pass

備註:

1. Measured value = Reading value on a spectrum analyzer + cable loss + duty factor
2. PSD(dBm/500kHz) = Measured value + 10log(500kHz/100kHz)

802.11ac VHT20

Frequency (MHz)	PSD (dBm)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
	Chain A	Chain B			
5745	0.84	1.10	3.98	< 29.17	Pass
5785	0.81	0.61	3.72	< 29.17	Pass
5825	1.22	1.67	4.46	< 29.17	Pass

備註:

1. Measured value = Reading value on a spectrum analyzer + cable loss + duty factor
2. PSD(dBm/500kHz) = Measured value + 10log(500kHz/100kHz)
3. Section E) method 2) b) of power density measurement of KDB 662911 is used for calculating total power density.

802.11ac VHT40

Frequency (MHz)	PSD (dBm)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
	Chain A	Chain B			
5755	-2.04	-2.16	0.91	< 29.17	Pass
5795	-2.12	-1.53	1.20	< 29.17	Pass

備註:

1. Measured value = Reading value on a spectrum analyzer + cable loss + duty factor
2. PSD(dBm/500kHz) = Measured value + 10log(500kHz/100kHz)
3. Section E) method 2) b) of power density measurement of KDB 662911 is used for calculating total power density.

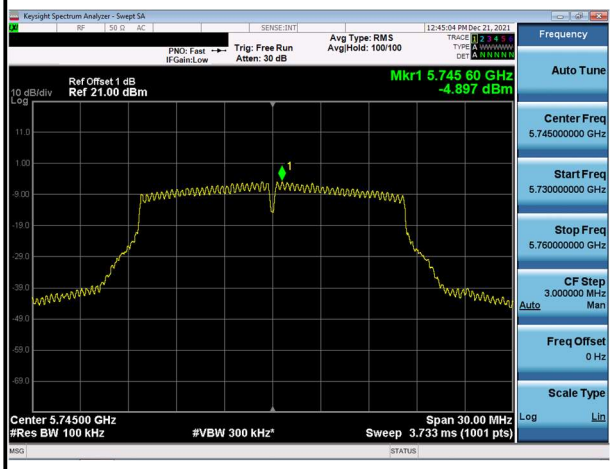
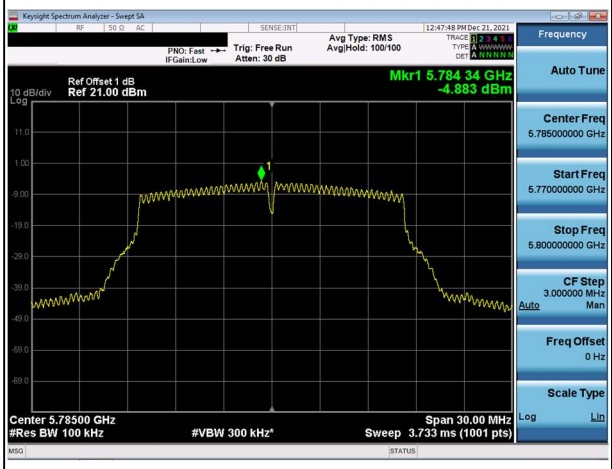
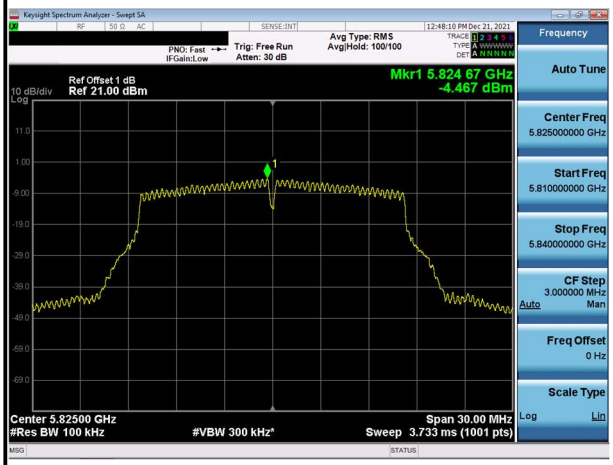
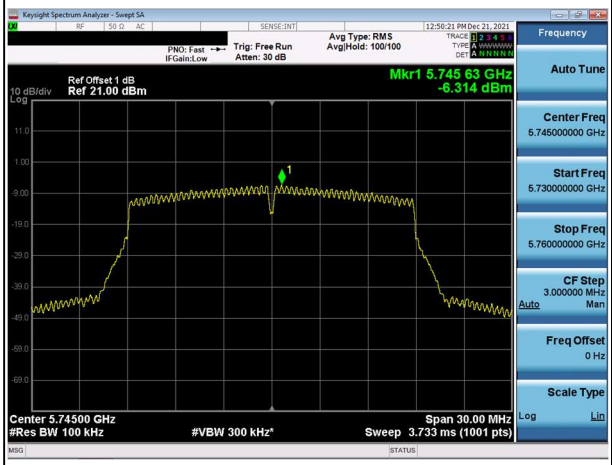
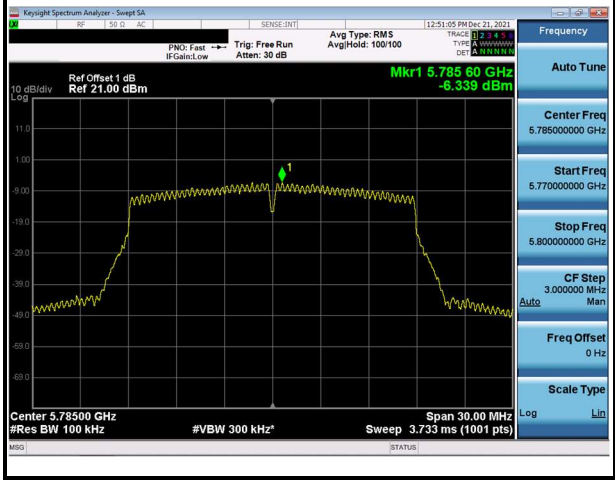
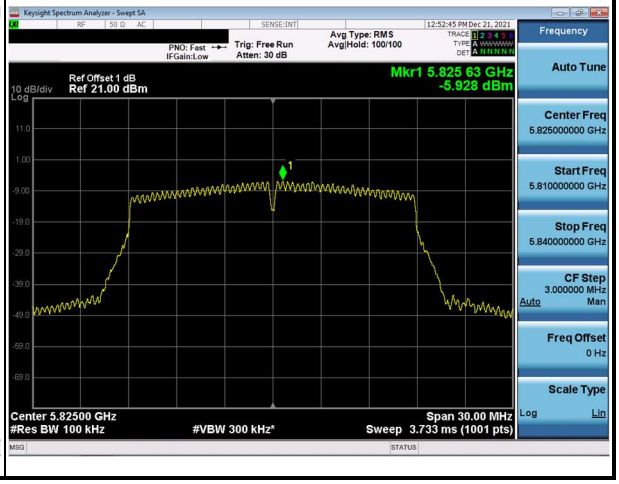
802.11ac VHT80

Frequency (MHz)	PSD (dBm)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
	Chain A	Chain B			
5775	-6.01	-6.21	-3.10	< 29.17	Pass

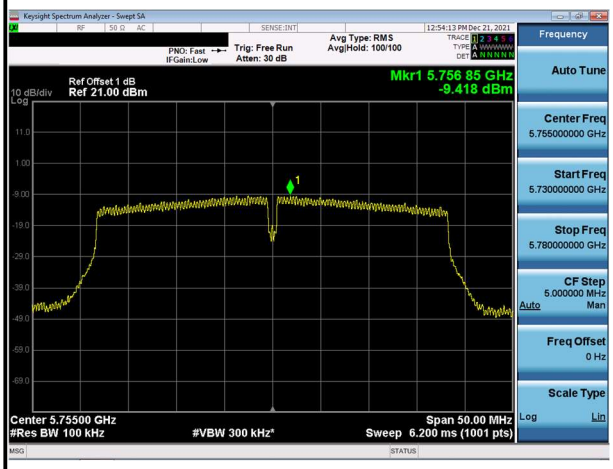
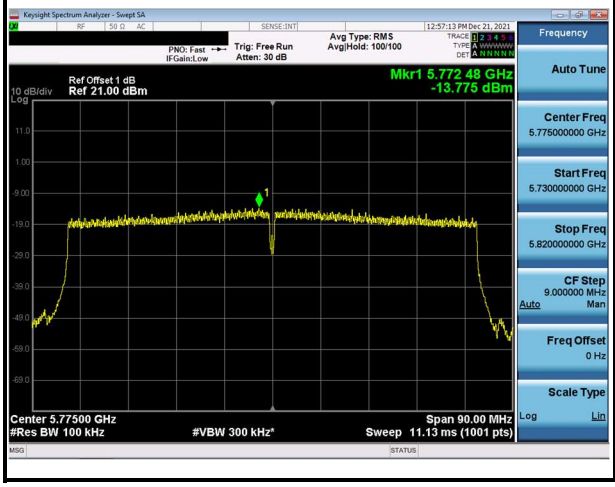
備註:

1. Measured value = Reading value on a spectrum analyzer + cable loss + duty factor
2. PSD(dBm/500kHz) = Measured value + 10log(500kHz/100kHz)
3. Section E) method 2) b) of power density measurement of KDB 662911 is used for calculating total power density.

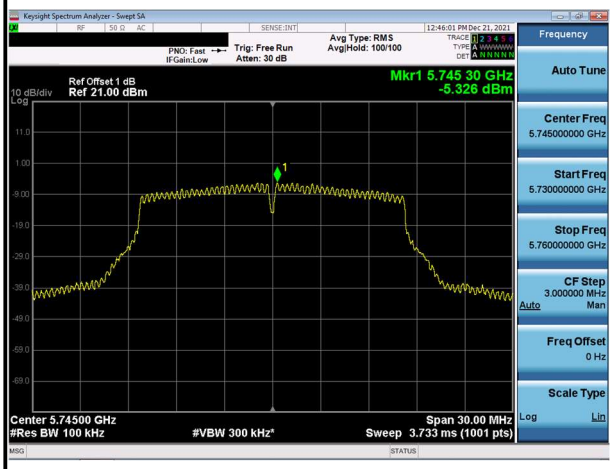
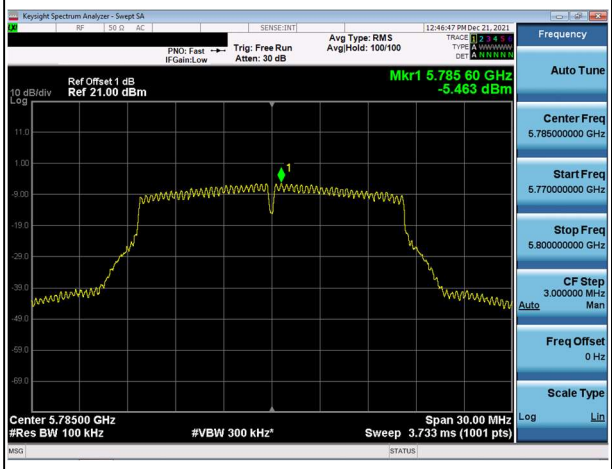
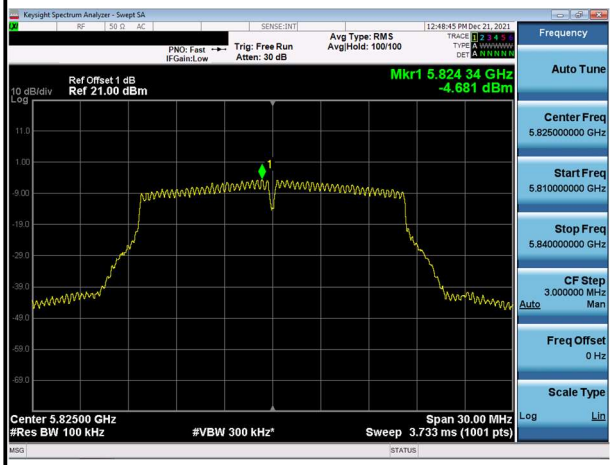
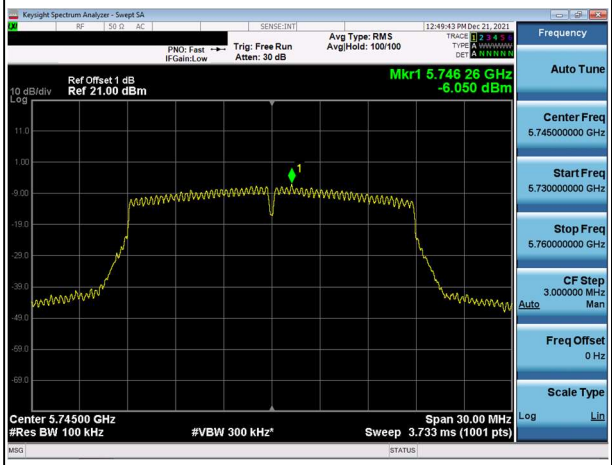
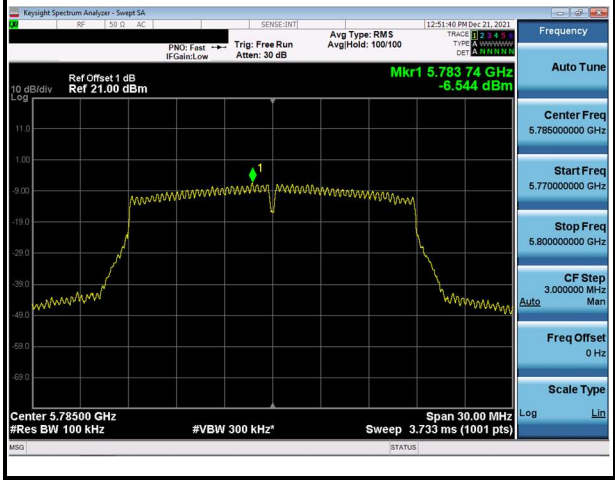
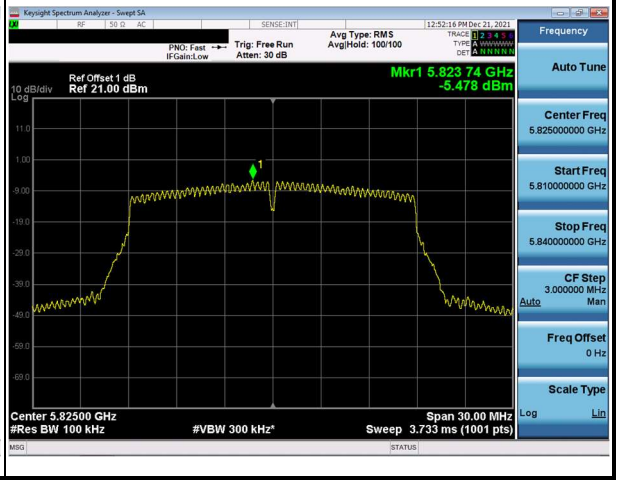
Power Spectral Density spectrum plot of Chain A value:

802.11a 5745MHz	802.11a 5785MHz
	
802.11a 5825MHz	**802.11ac VHT20 5745MHz**
	
802.11ac VHT20 5785MHz	**802.11ac VHT20 5825MHz**
	

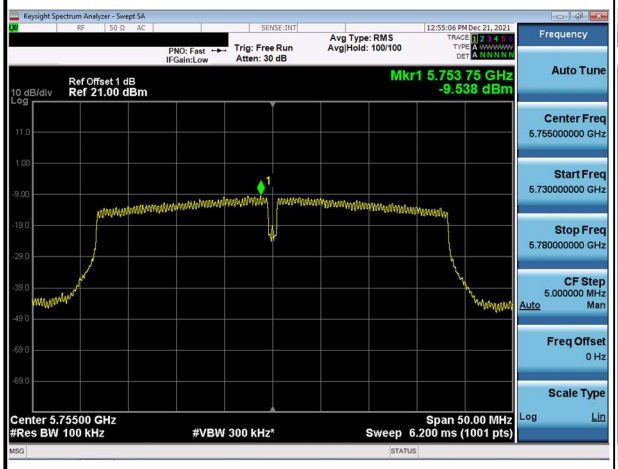
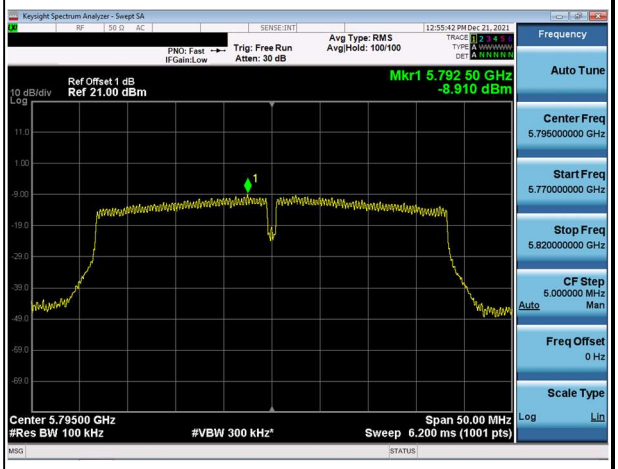
Power Spectral Density spectrum plot of Chain A value:

802.11ac VHT40 5755MHz	802.11ac VHT40 5795MHz
	
802.11ac VHT80 5775MHz	**--**
	--

Power Spectral Density spectrum plot of Chain B value:

802.11a 5745MHz	802.11a 5785MHz
	
802.11a 5825MHz	**802.11ac VHT20 5745MHz**
	
802.11ac VHT20 5785MHz	**802.11ac VHT20 5825MHz**
	

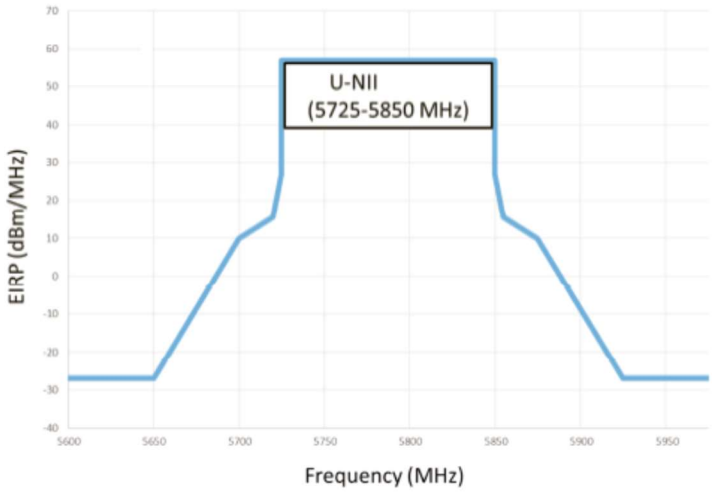
Power Spectral Density spectrum plot of Chain B value:

802.11ac VHT40 5755MHz	802.11ac VHT40 5795MHz
	
802.11ac VHT80 5775MHz	**--**
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2.5 不必要發射

2.5.1 限制值

1. 不受限制頻帶的不必要發射限制：

Operating Band (MHz)	Limit of all emissions outside of the operating band
5150 ~ 5250	–27dBm/MHz, EIRP
5250 ~ 5350	–27dBm/MHz, EIRP
5470 ~ 5725	–27dBm/MHz, EIRP
5725 ~ 5850	所有頻帶邊緣向外 5 MHz 內頻率之發射，有效等向輻射功率(EIRP)≦27 dBm/MHz～15.6 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣向外 5 MHz～25 MHz，有效等向輻射功率(EIRP)≦15.6 dBm/MHz～10 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 25 MHz～75 MHz，有效等向輻射功率(EIRP)≦10 dBm/MHz～-27 dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外≧75 MHz 的頻率之發射，有效等向輻射功率(EIRP)≦-27 dBm/MHz；有關遮罩限制值詳下圖。 

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.2

2. 限制頻帶的不必要發射限制：

頻率(f) (MHz)	電場強度 (微伏特/公尺，μV/m)	量測距離 (公尺)
0.009 ~ 0.490	2400 / f(kHz)	300
0.490 ~ 1.705	24000 / f(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

備註：

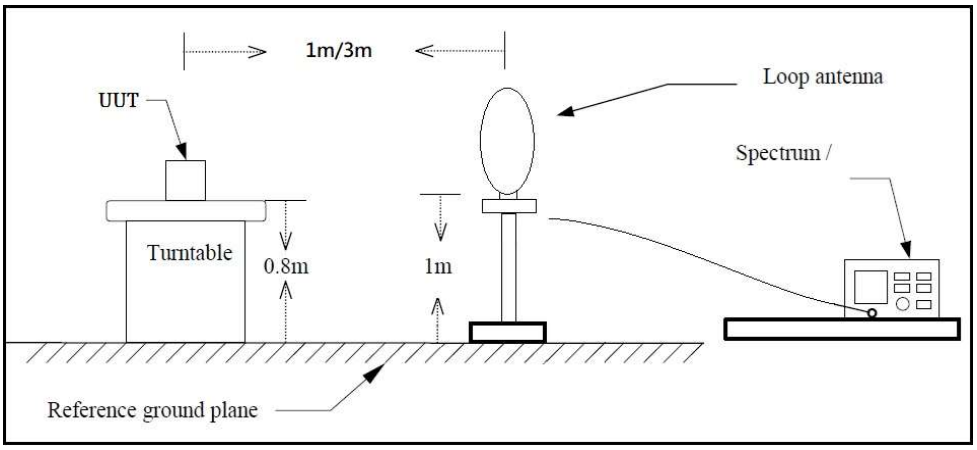
(1) 電場強度 (dBμV/m) = 20 log 電場強度(μV/m)。

(2) 距離是指測量儀器天線與設備之間的距離。

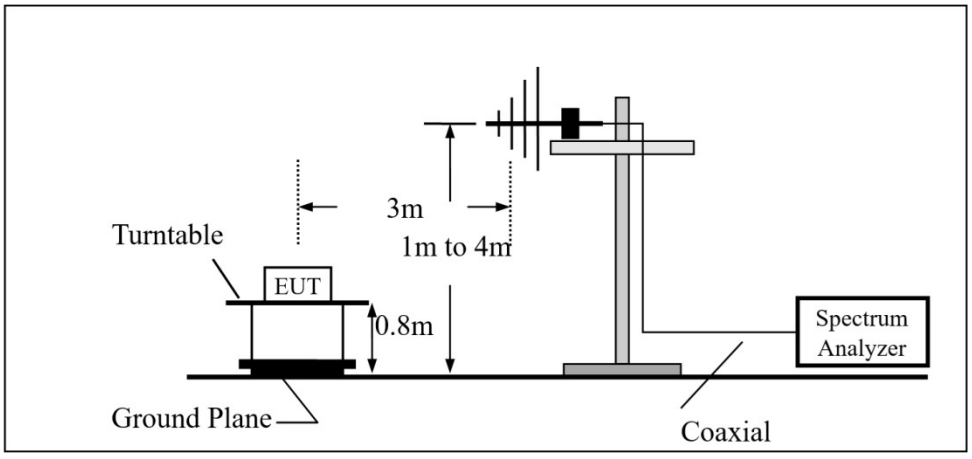
(3) 上表規定之電場強度，發射頻率在 9 kHz～90 kHz、110 kHz～490 kHz 及 1000 MHz 以上者，其量測應以平均值檢波器為基準，且應符合 NCC 低功率射頻器材技術規範第 6.15.2 節之規定；其他發射頻率，應以國際無線電干擾特別委員會 (INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE，CISPR) 準峰值檢波器(quasi-peak detector)測量；非以上表所指定之距離測量時，應符合 NCC 低功率射頻器材技術規範第 6.5 節之規定，輻射發射之量測頻率範圍應符合 NCC 低功率射頻器材技術規範第 6.14 節之規定。

2.5.2 測試架構

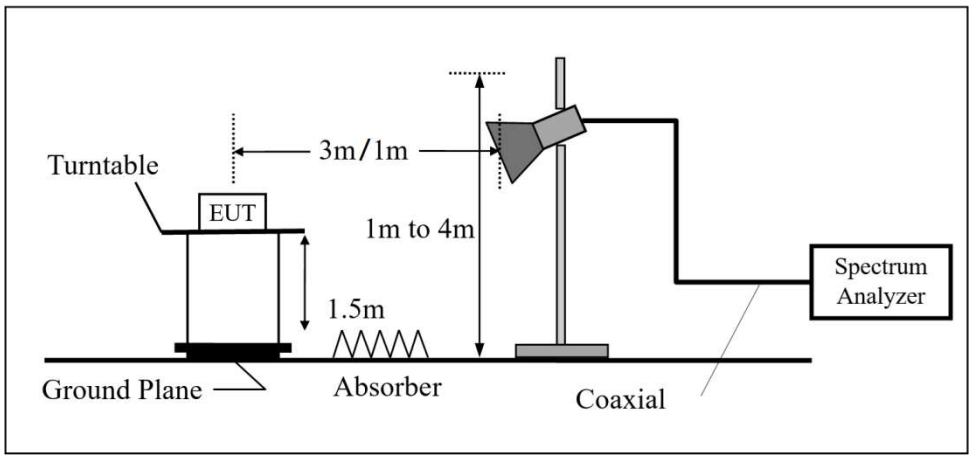
Below 30 MHz:



30 MHz ~ 1 GHz:



Above 1GHz:



2.5.3 測試流程

低於 30MHz 的輻射發射

(1) 將 EUT 放置在距離地面 0.8 米的非導體桌面的 3 米室內。將桌子旋轉 360 度以確定最高輻射的位置。
(2) EUT 設置在離接收天線 3 米遠處，干擾接收天線安裝在可變高度天線塔的頂部。
(3) 設置天線的平行、垂直方向以進行測量。
(4) 將測試接收機系統設置為準峰值檢測功能和具有最大保持模式的指定帶寬。

30MHz 以上的輻射發射

(1) 將 EUT 放置在距離地面 0.8 米（低於 1GHz）/1.5 米（高於 1GHz）的非導體桌面的 3 米室內。將桌子旋轉 360 度以確定最高輻射的位置。
(2) EUT 設置在離接收天線 3 米處，天線的高度在離地面 1 米到 4 米之間變化，以確定場強的最大值。
(3) 設置天線的平行、垂直方向以進行測量。
(4) 當測試頻率低於 1GHz 時，測試接收機系統被設置為準峰值檢測功能和具有最大保持模式的指定帶寬。
(5) 當測試頻率高於 1 GHz 時，測試接收機系統設置為峰值和平均檢測功能以及具有最大保持模式的指定帶寬。如果峰值讀數值也滿足平均限值，則不需要使用平均值檢測器進行測量。

2.5.4 工作週期

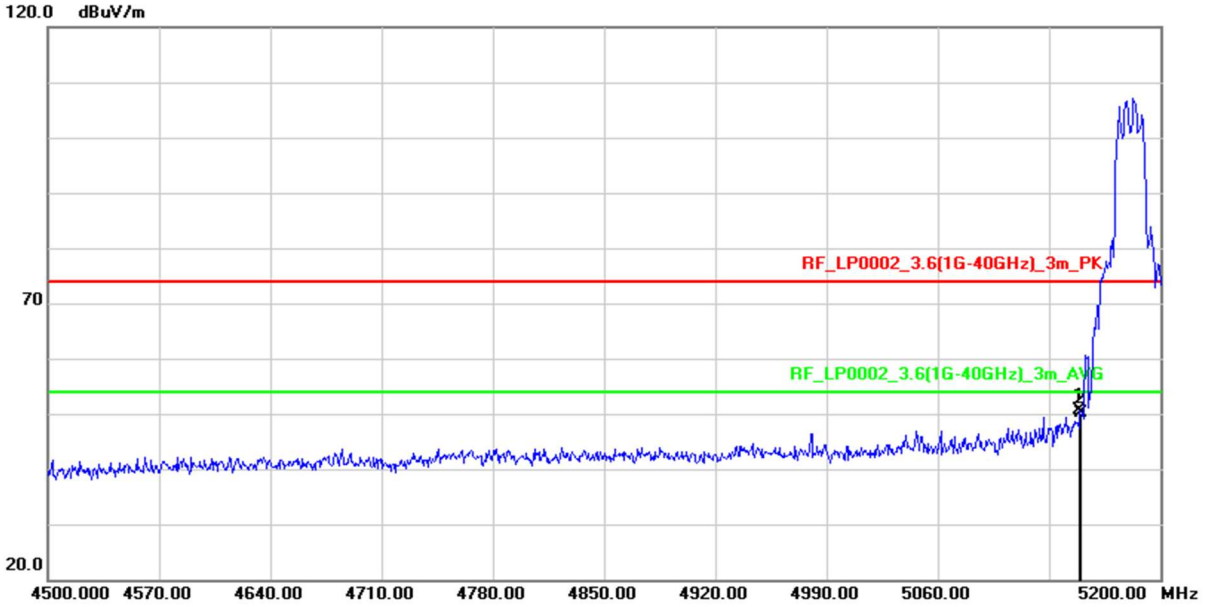
Type of Modulation	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11a	5180	1.405	1.460	0.962	0.167	0.712
802.11ac VHT20	5180	1.335	1.385	0.964	0.160	0.749
802.11ac VHT40	5190	0.663	0.725	0.914	0.388	1.508
802.11ac VHT80	5210	0.330	0.395	0.836	0.780	3.028

2.5.5 輻射頻帶邊緣測試

下表為輻射測量，在X、Y、Z三個軸向中預掃描。本報告中記錄了最差情況（X軸向）。

Test Frequency			
RF	**802.11a / 802.11ac VHT20**	**802.11ac VHT40**	**802.11ac VHT80**
Tx	CH36 (5180MHz) CH64 (5320MHz) CH100 (5500MHz) CH149 (5745MHz) CH165 (5825MHz)	CH38 (5190MHz) CH62 (5310MHz) CH102 (5510MHz) CH151 (5755MHz) CH159 (5795MHz)	CH42 (5210MHz) CH58 (5290MHz) CH106 (5530MHz) CH155 (5775MHz)

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH36(5180MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

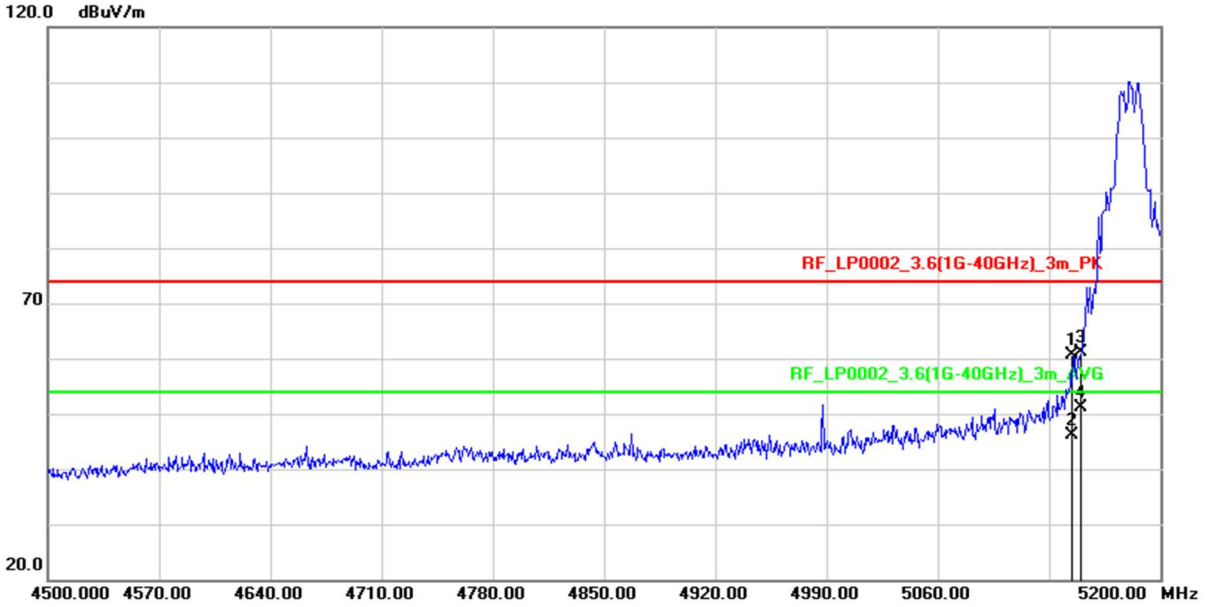


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.900	48.45	2.28	50.73	74.00	-23.27	peak
2	5150.000	47.86	2.28	50.14	74.00	-23.86	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH36(5180MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

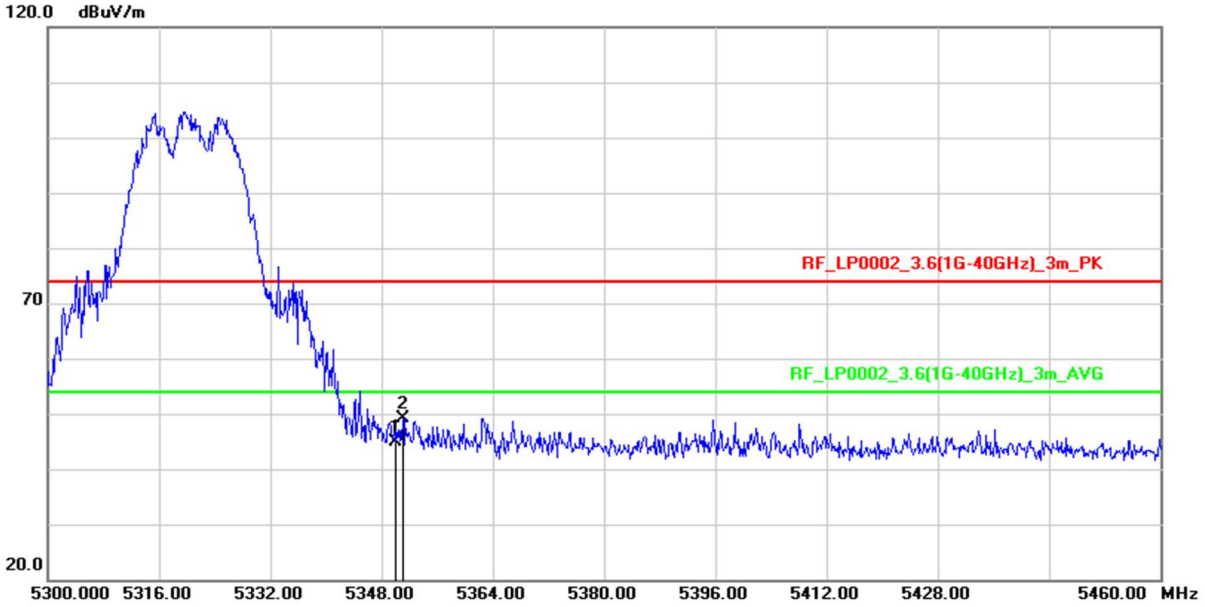


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.700	58.39	2.26	60.65	74.00	-13.35	peak
2	5144.700	43.82	2.26	46.08	54.00	-7.92	AVG
3	5150.000	58.79	2.28	61.07	74.00	-12.93	peak
4	5150.000	48.92	2.28	51.20	54.00	-2.80	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH64(5320MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

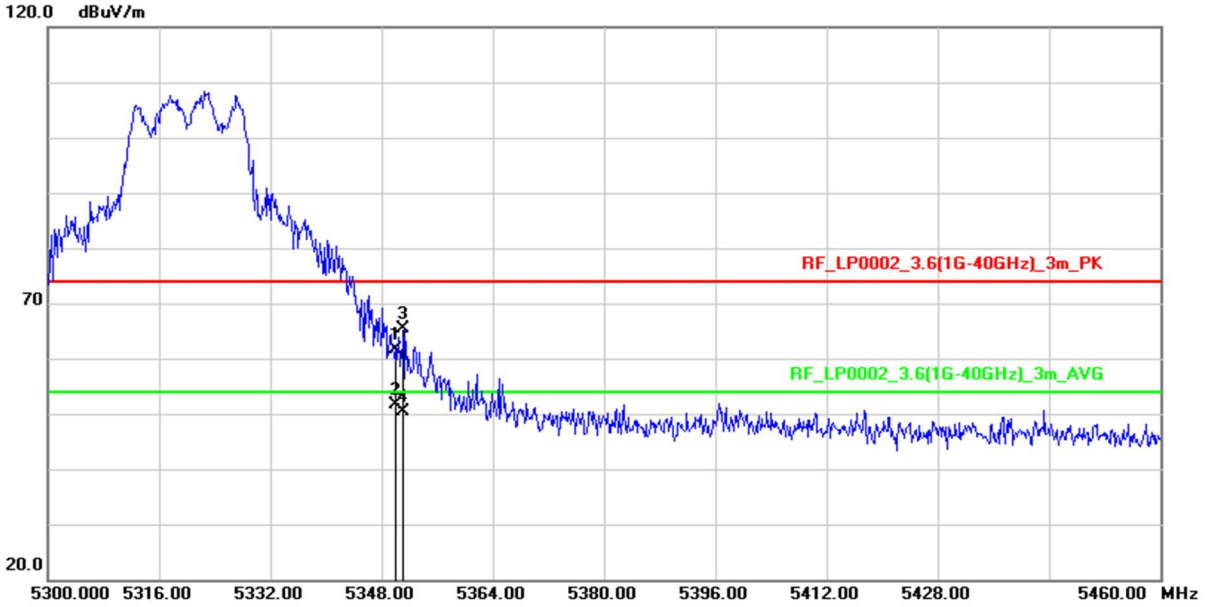


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	43.30	1.54	44.84	74.00	-29.16	peak
2	5351.040	47.69	1.53	49.22	74.00	-24.78	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH64(5320MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

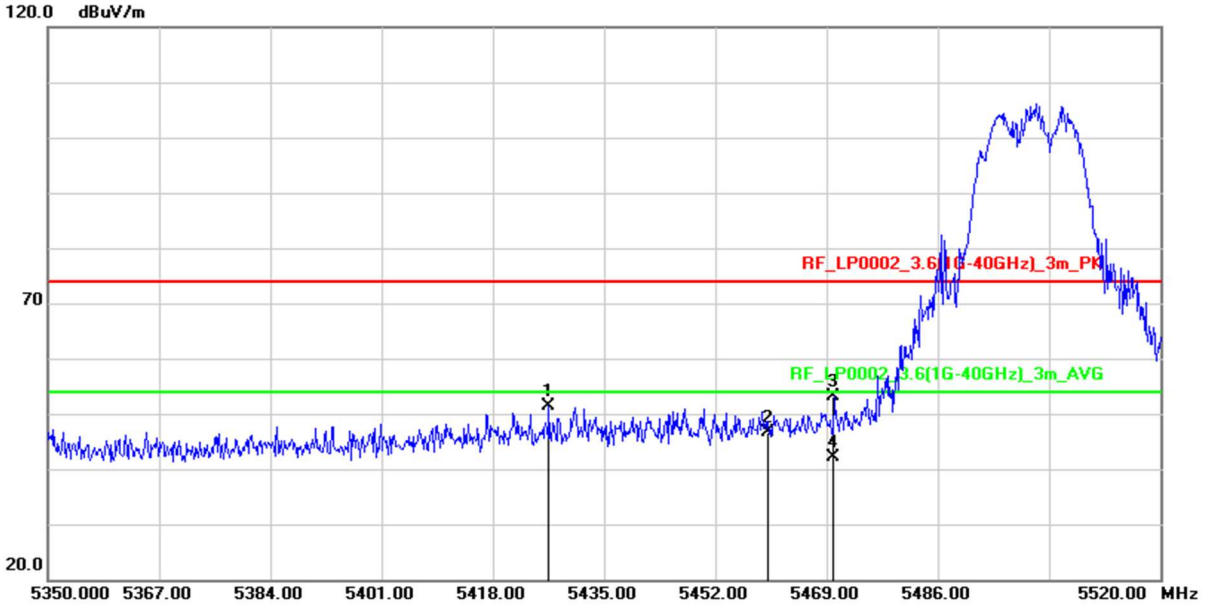


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	60.12	1.54	61.66	74.00	-12.34	peak
2	5350.000	50.11	1.54	51.65	54.00	-2.35	AVG
3	5351.200	63.88	1.53	65.41	74.00	-8.59	peak
4	5351.200	48.80	1.53	50.33	54.00	-3.67	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 14 日
Test Channel :	CH100(5500MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

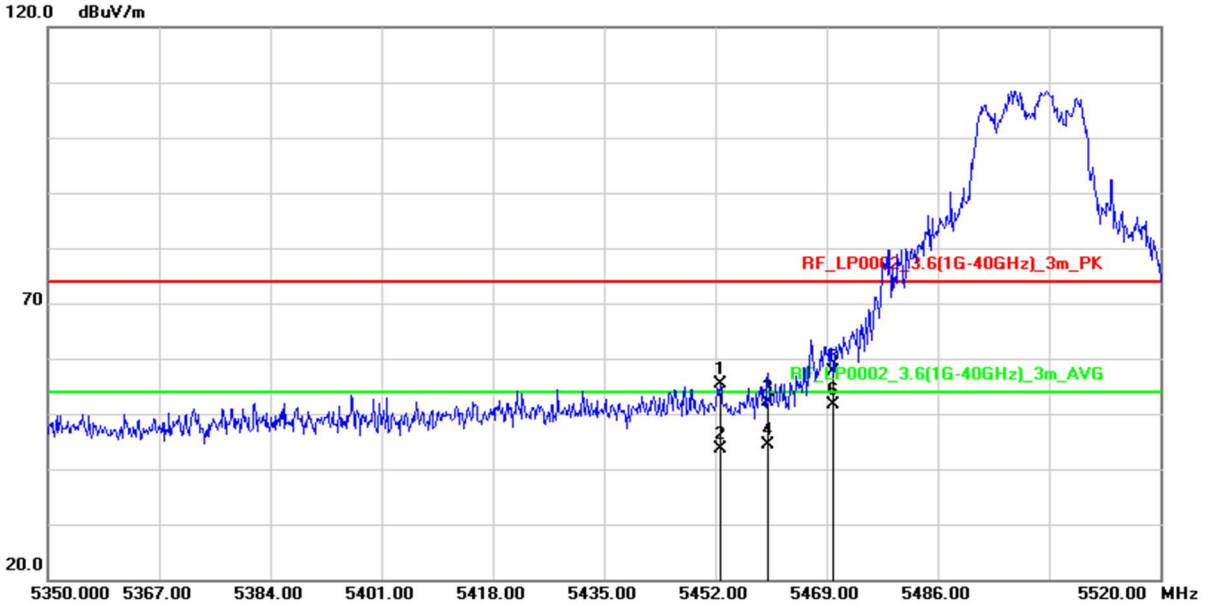


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5426.500	49.58	1.74	51.32	74.00	-22.68	peak
2	5460.000	44.81	1.86	46.67	74.00	-27.33	peak
3	5470.000	51.16	1.90	53.06	74.00	-20.94	peak
4	5470.000	40.15	1.90	42.05	54.00	-11.95	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 14 日
Test Channel :	CH100(5500MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

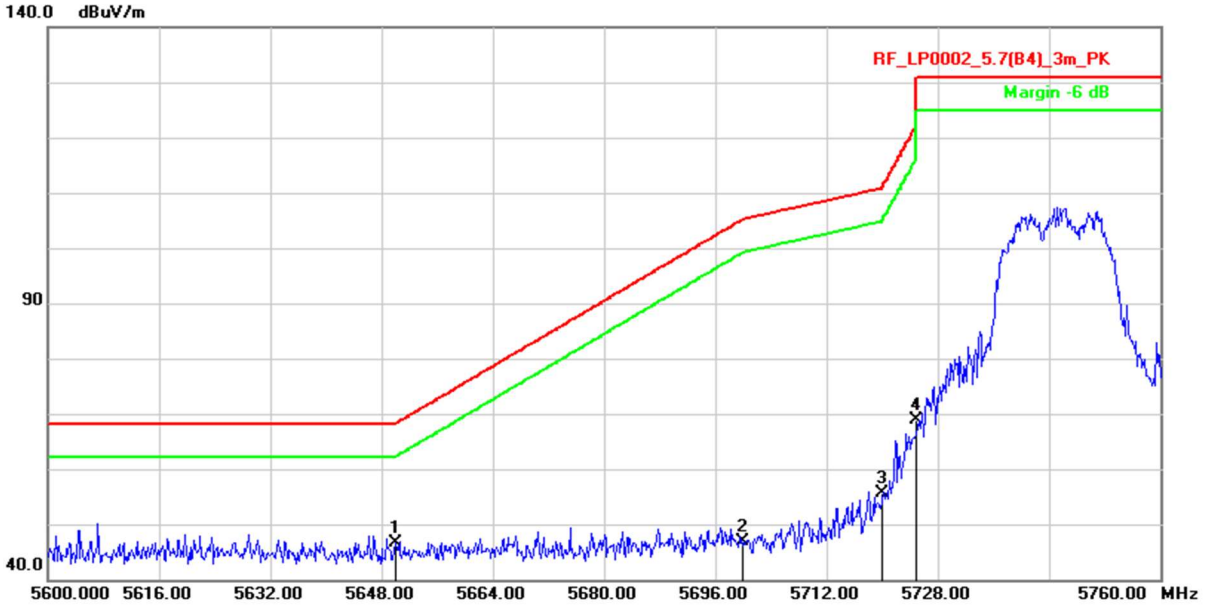


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.680	53.44	1.83	55.27	74.00	-18.73	peak
2	5452.680	41.89	1.83	43.72	54.00	-10.28	AVG
3	5460.000	50.31	1.86	52.17	74.00	-21.83	peak
4	5460.000	42.61	1.86	44.47	54.00	-9.53	AVG
5	5470.000	55.75	1.90	57.65	74.00	-16.35	peak
6	5470.000	49.70	1.90	51.60	54.00	-2.40	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH149(5745MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

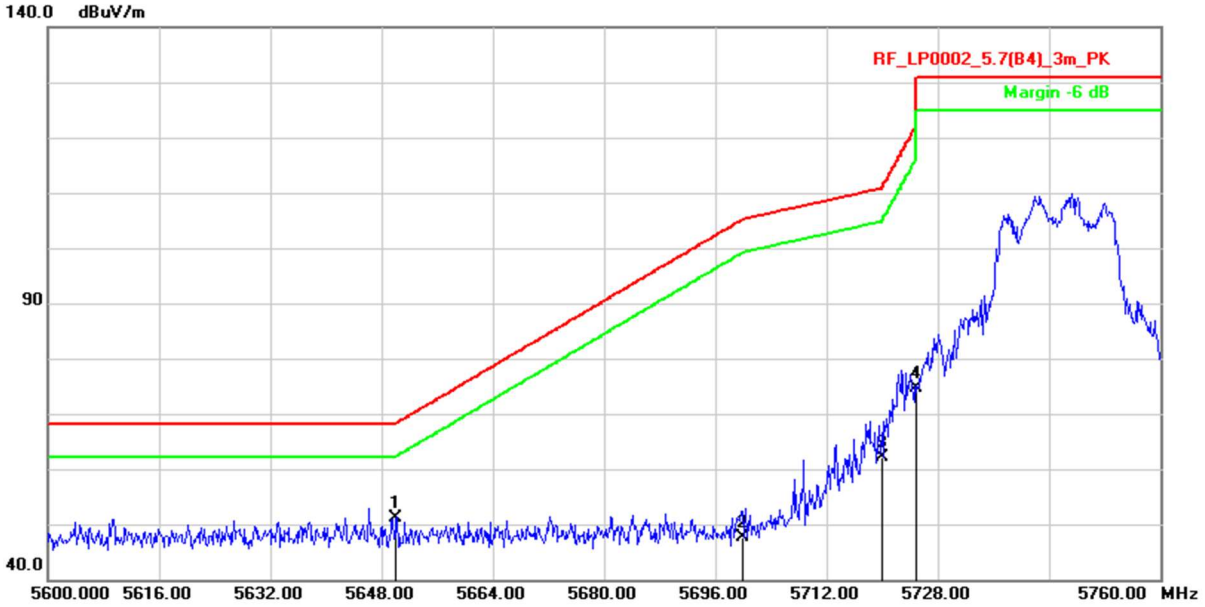


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	44.47	2.06	46.53	68.20	-21.67	peak
2	5700.000	44.72	2.11	46.83	105.20	-58.37	peak
3	5720.000	53.40	2.21	55.61	110.80	-55.19	peak
4	5725.000	66.58	2.23	68.81	122.20	-53.39	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH149(5745MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

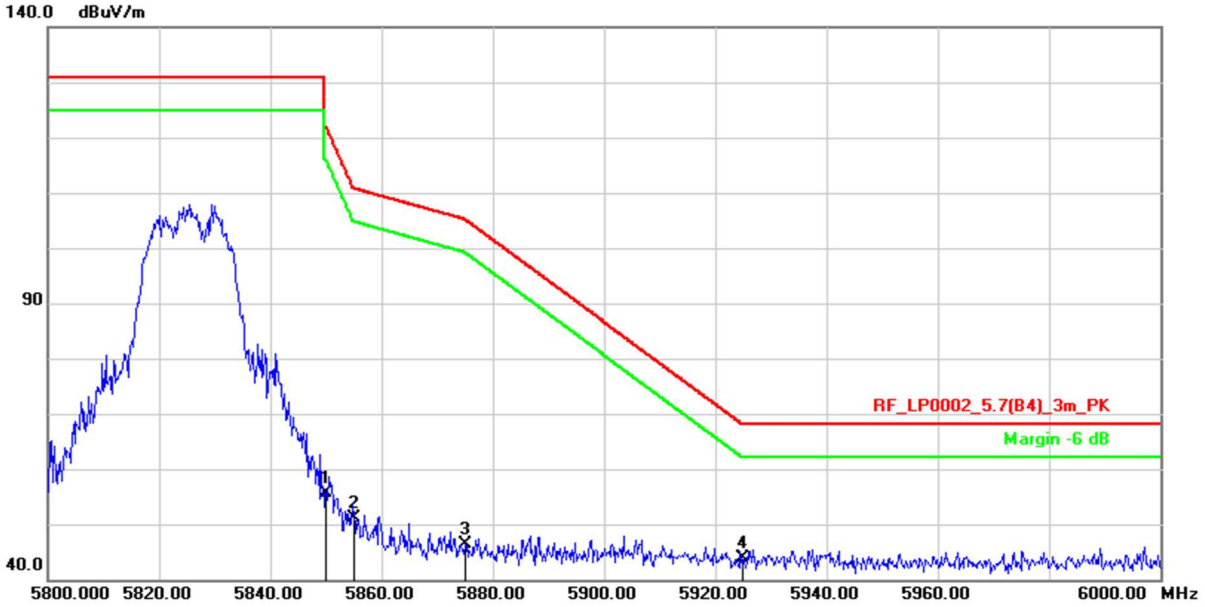


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	49.18	2.06	51.24	68.20	-16.96	peak
2	5700.000	45.47	2.11	47.58	105.20	-57.62	peak
3	5720.000	60.03	2.21	62.24	110.80	-48.56	peak
4	5725.000	72.48	2.23	74.71	122.20	-47.49	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH165(5825MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

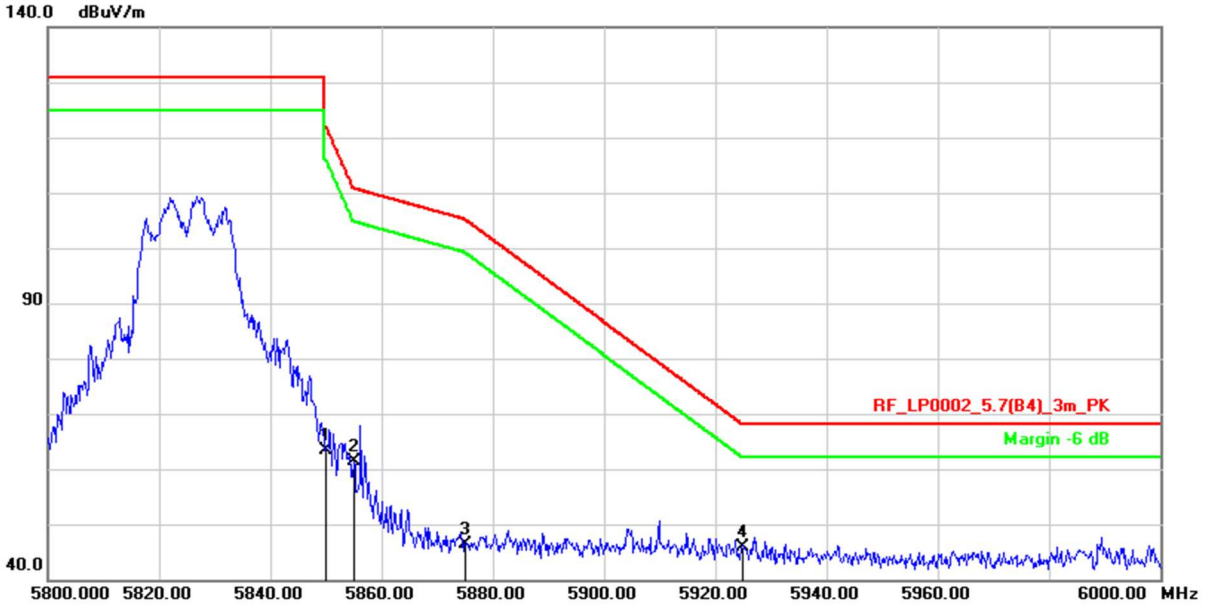


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	52.81	2.85	55.66	122.20	-66.54	peak
2	5855.000	48.35	2.86	51.21	110.80	-59.59	peak
3	5875.000	43.50	2.88	46.38	105.20	-58.82	peak
4	5925.000	40.92	2.93	43.85	68.20	-24.35	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH165(5825MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

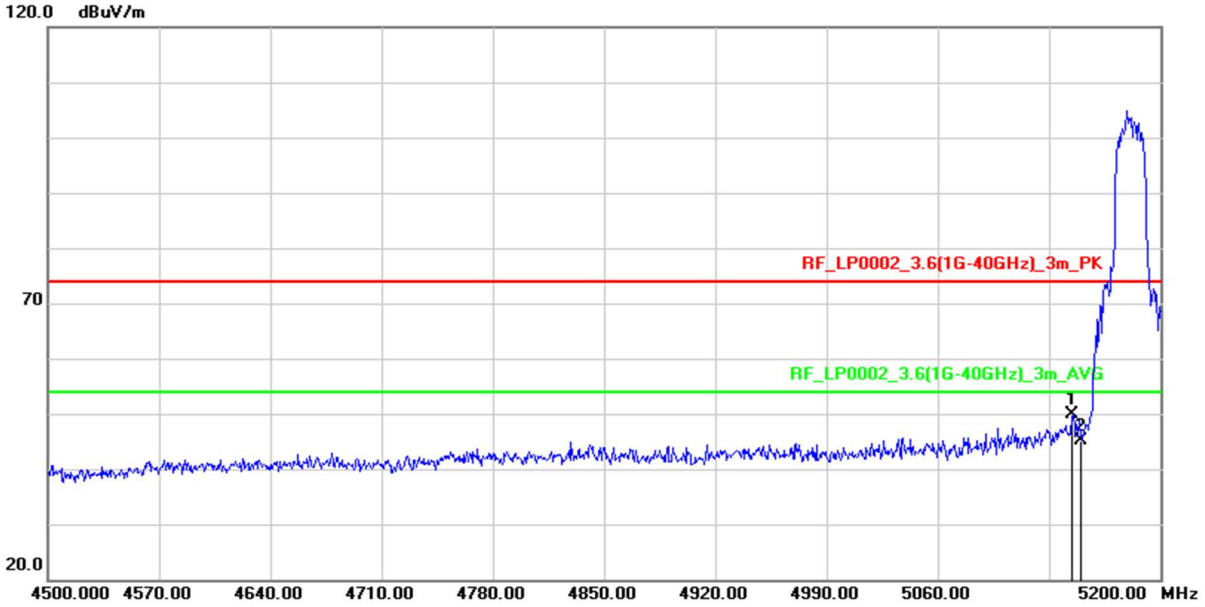


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	60.62	2.85	63.47	122.20	-58.73	peak
2	5855.000	58.51	2.86	61.37	110.80	-49.43	peak
3	5875.000	43.60	2.88	46.48	105.20	-58.72	peak
4	5925.000	42.97	2.93	45.90	68.20	-22.30	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH36(5180MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

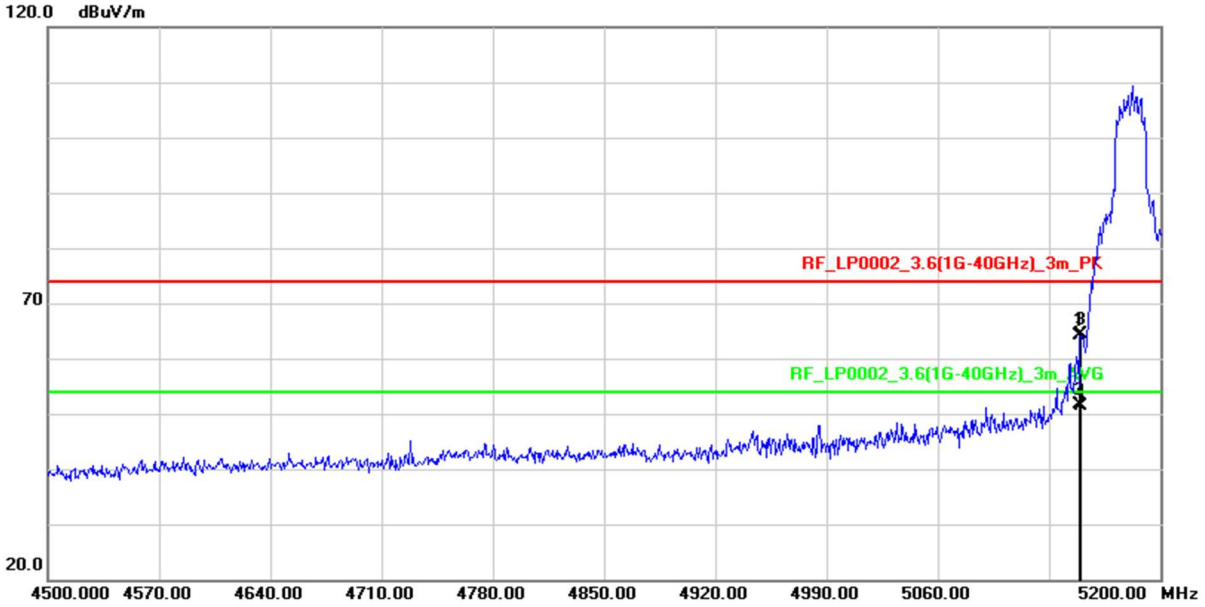


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.700	47.54	2.26	49.80	74.00	-24.20	peak
2	5150.000	42.81	2.28	45.09	74.00	-28.91	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	Test Date :	110 年 12 月 14 日
Test Channel :	CH36(5180MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

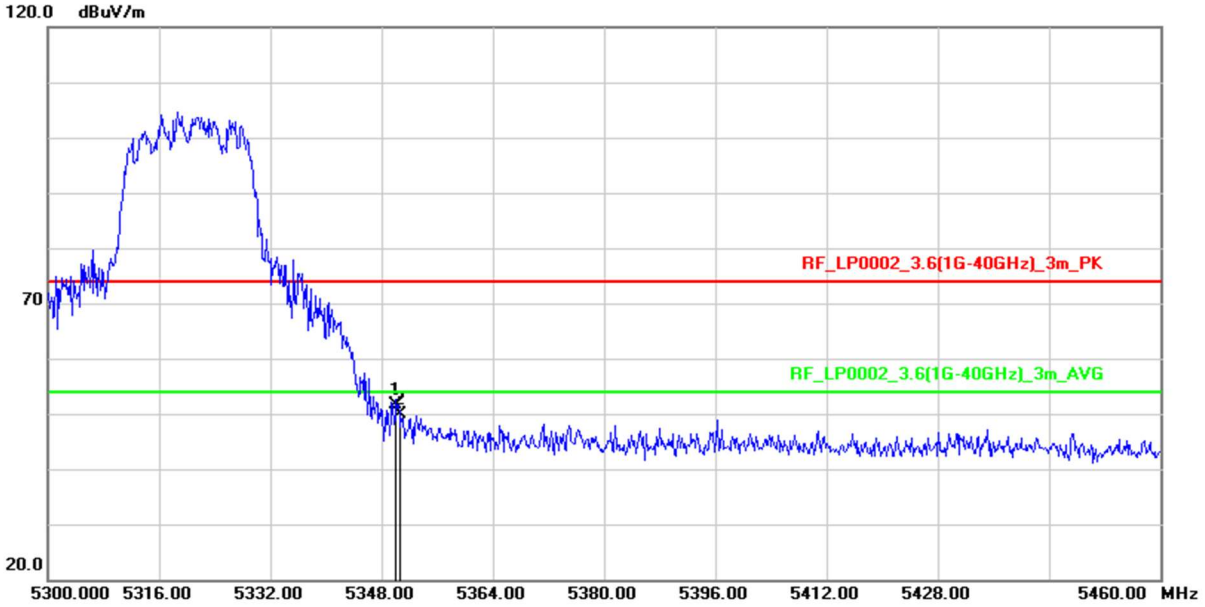


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.900	61.91	2.28	64.19	74.00	-9.81	peak
2	5148.900	49.24	2.28	51.52	54.00	-2.48	AVG
3	5150.000	61.98	2.28	64.26	74.00	-9.74	peak
4	5150.000	48.99	2.28	51.27	54.00	-2.73	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH64(5320MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

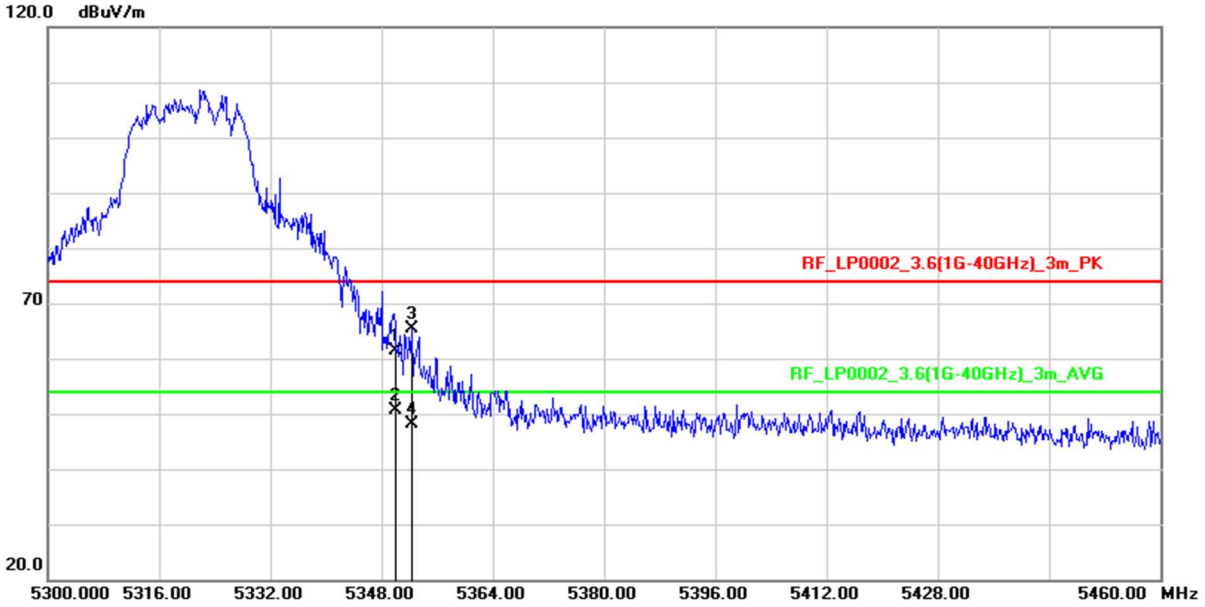


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	50.05	1.54	51.59	74.00	-22.41	peak
2	5350.560	48.45	1.53	49.98	74.00	-24.02	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH64(5320MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

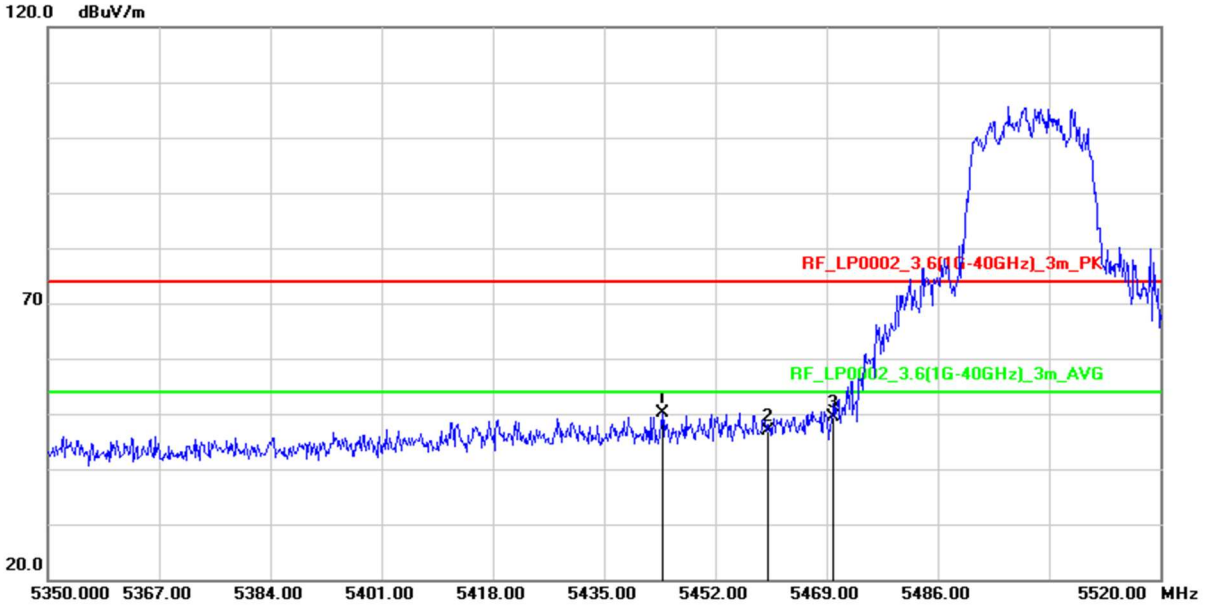


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	59.90	1.54	61.44	74.00	-12.56	peak
2	5350.000	49.18	1.54	50.72	54.00	-3.28	AVG
3	5352.320	63.88	1.53	65.41	74.00	-8.59	peak
4	5352.320	46.67	1.53	48.20	54.00	-5.80	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	Test Date :	110 年 12 月 14 日
Test Channel :	CH100(5500MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

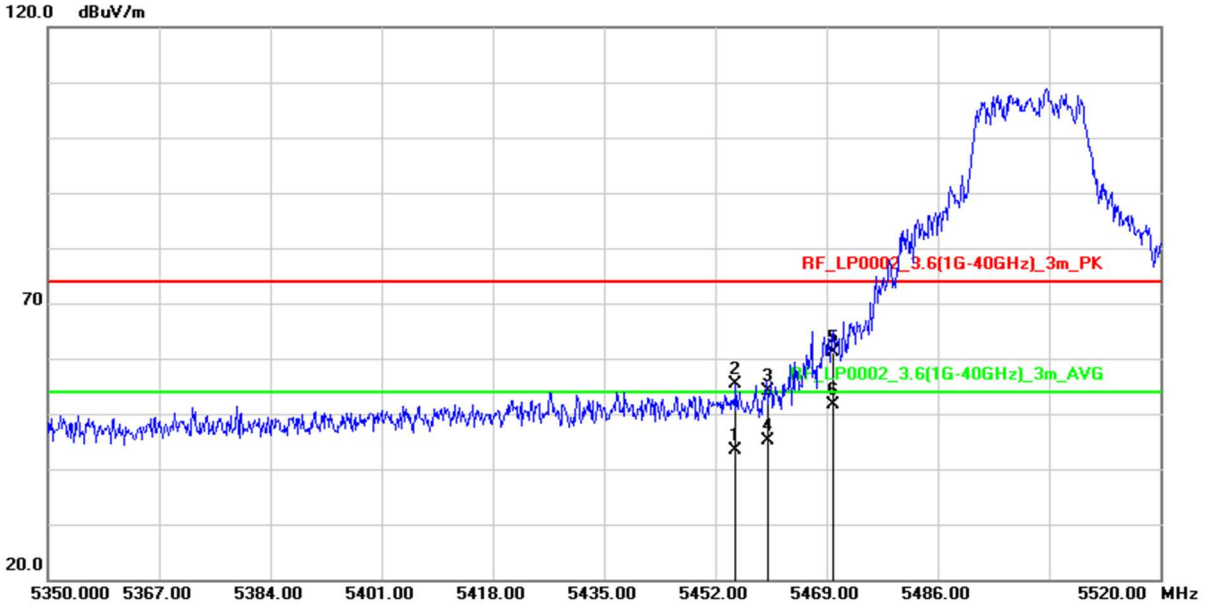


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5443.840	48.36	1.80	50.16	74.00	-23.84	peak
2	5460.000	45.05	1.86	46.91	74.00	-27.09	peak
3	5470.000	47.51	1.90	49.41	74.00	-24.59	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	Test Date :	110 年 12 月 14 日
Test Channel :	CH100(5500MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

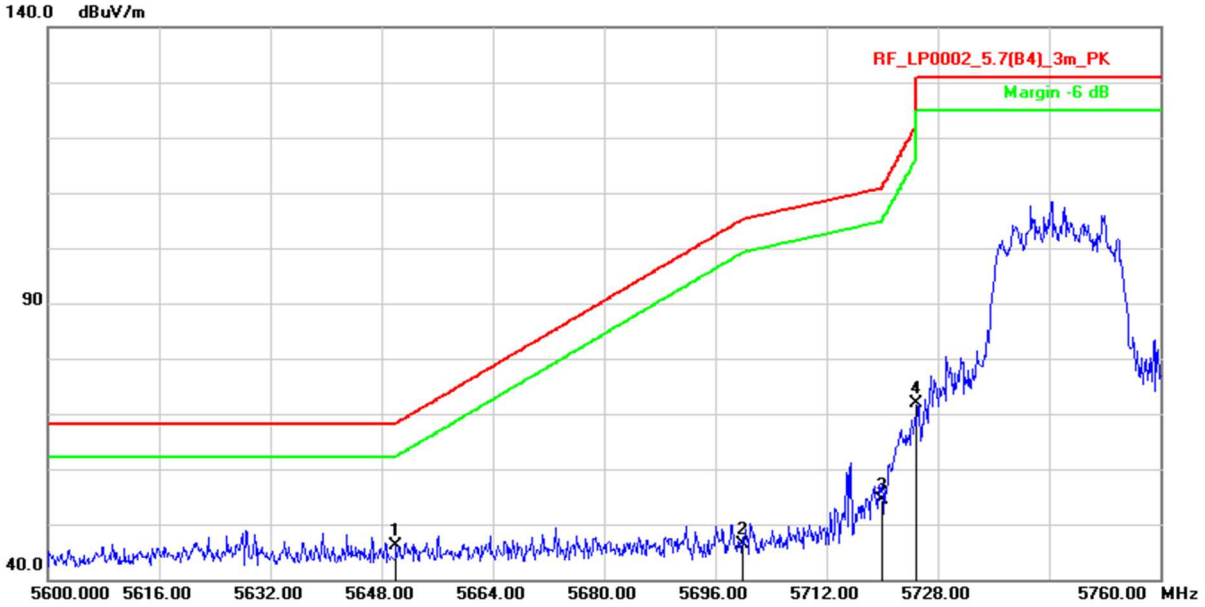


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.000	41.61	1.84	43.45	54.00	-10.55	AVG
2	5455.060	53.43	1.84	55.27	74.00	-18.73	peak
3	5460.000	52.32	1.86	54.18	74.00	-19.82	peak
4	5460.000	43.30	1.86	45.16	54.00	-8.84	AVG
5	5470.000	59.19	1.90	61.09	74.00	-12.91	peak
6	5470.000	49.62	1.90	51.52	54.00	-2.48	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH149(5745MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

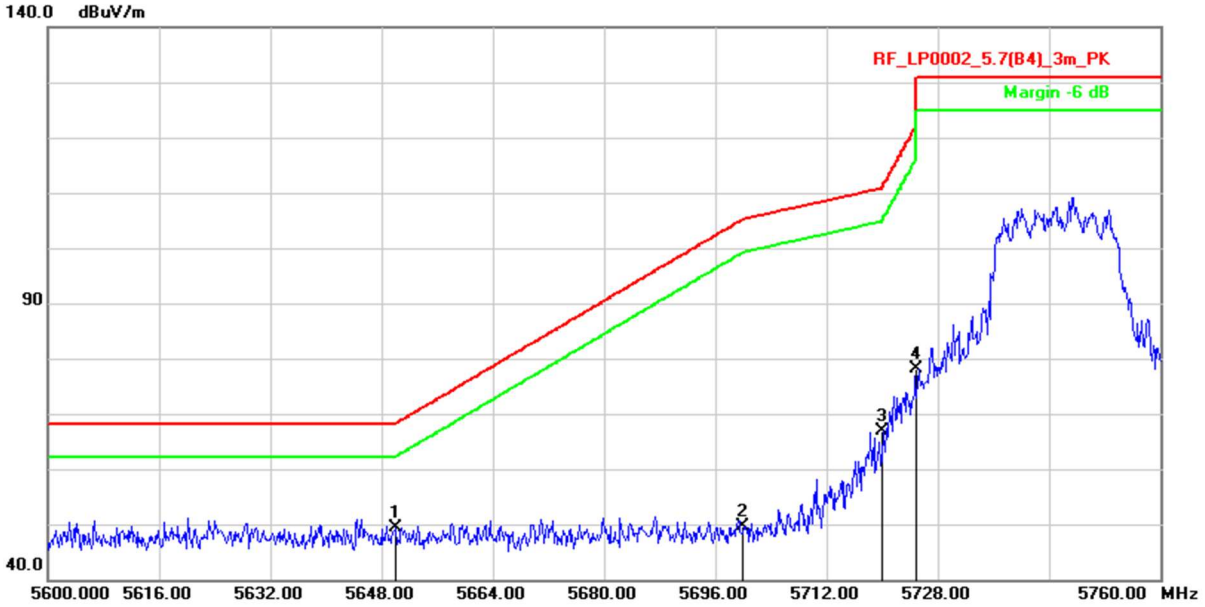


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	43.95	2.06	46.01	68.20	-22.19	peak
2	5700.000	44.19	2.11	46.30	105.20	-58.90	peak
3	5720.000	52.24	2.21	54.45	110.80	-56.35	peak
4	5725.000	69.54	2.23	71.77	122.20	-50.43	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH149(5745MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

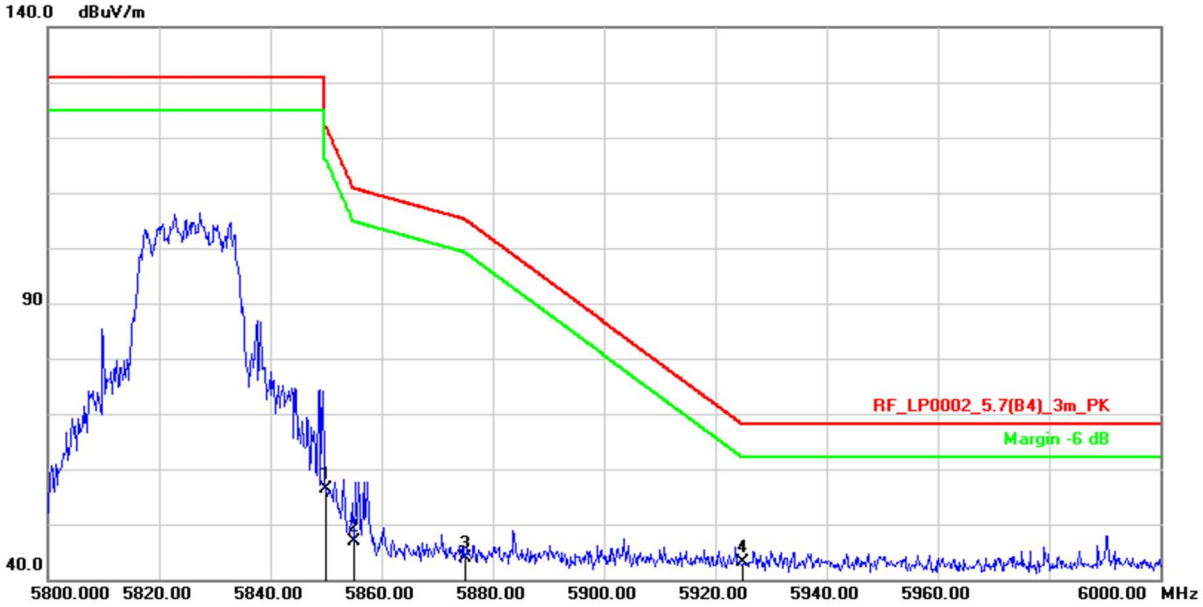


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.32	2.06	49.38	68.20	-18.82	peak
2	5700.000	47.47	2.11	49.58	105.20	-55.62	peak
3	5720.000	64.72	2.21	66.93	110.80	-43.87	peak
4	5725.000	75.86	2.23	78.09	122.20	-44.11	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH165(5825MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

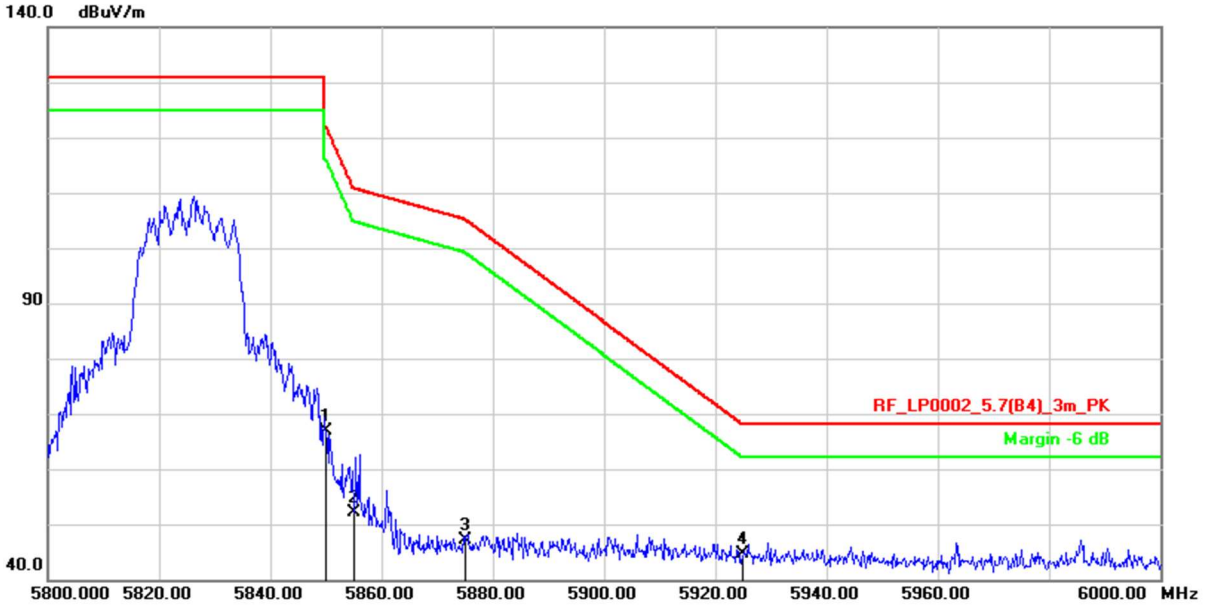


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	53.58	2.85	56.43	122.20	-65.77	peak
2	5855.000	43.99	2.86	46.85	110.80	-63.95	peak
3	5875.000	40.97	2.88	43.85	105.20	-61.35	peak
4	5925.000	40.17	2.93	43.10	68.20	-25.10	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH165(5825MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

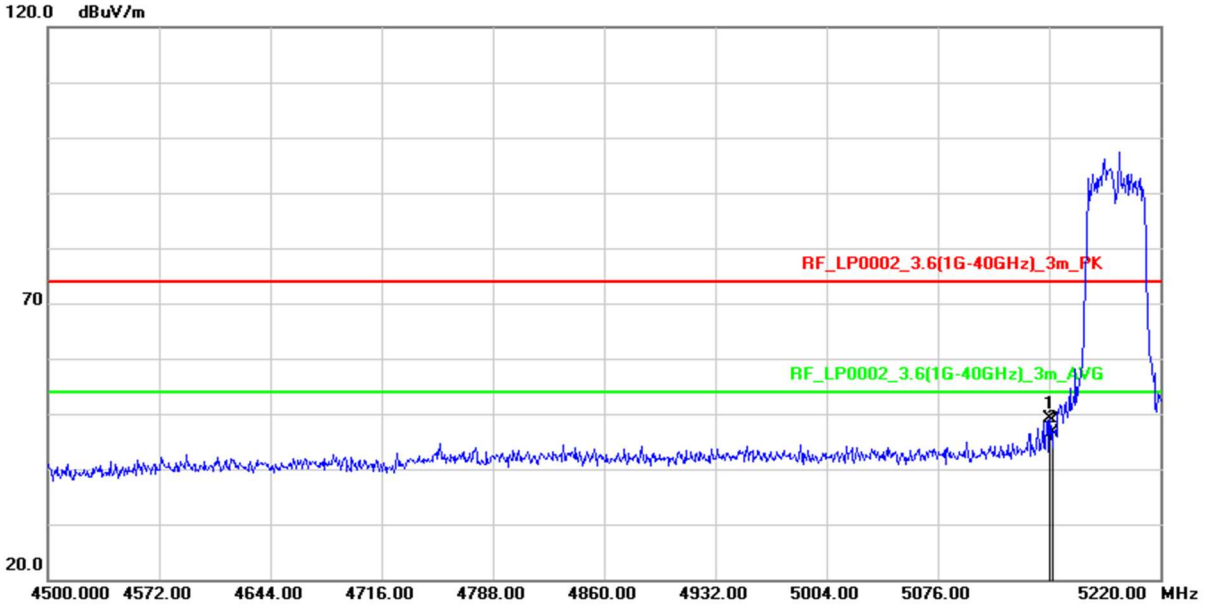


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	63.96	2.85	66.81	122.20	-55.39	peak
2	5855.000	49.38	2.86	52.24	110.80	-58.56	peak
3	5875.000	44.17	2.88	47.05	105.20	-58.15	peak
4	5925.000	41.59	2.93	44.52	68.20	-23.68	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	Test Date :	110 年 12 月 14 日
Test Channel :	CH38(5190MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

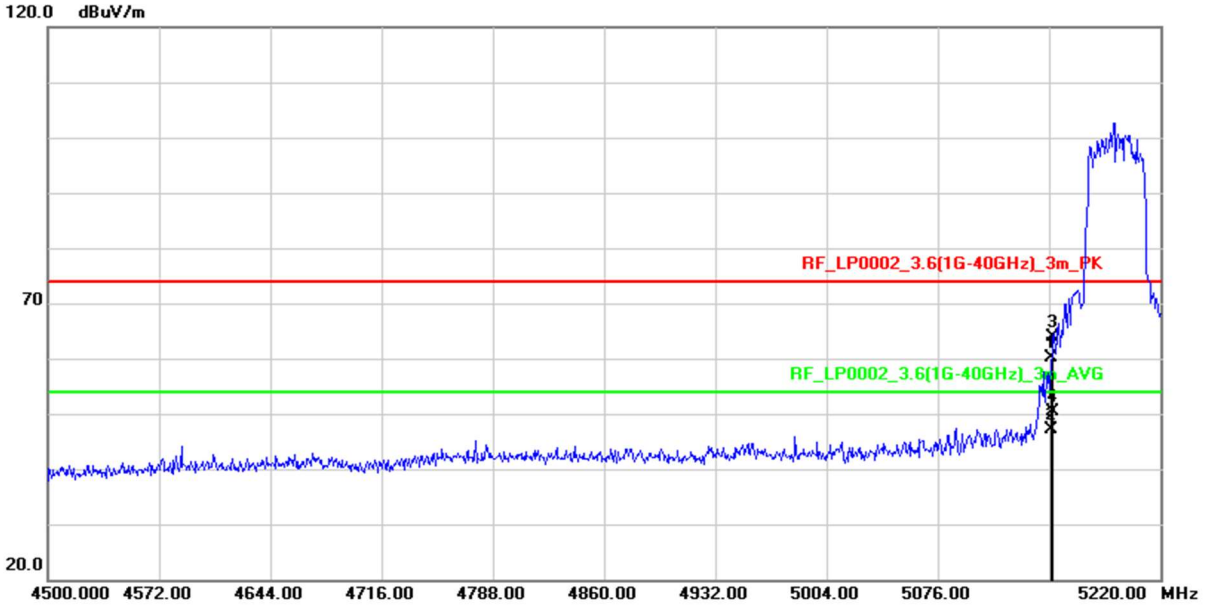


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	46.85	2.28	49.13	74.00	-24.87	peak
2	5150.000	44.30	2.28	46.58	74.00	-27.42	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH38(5190MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

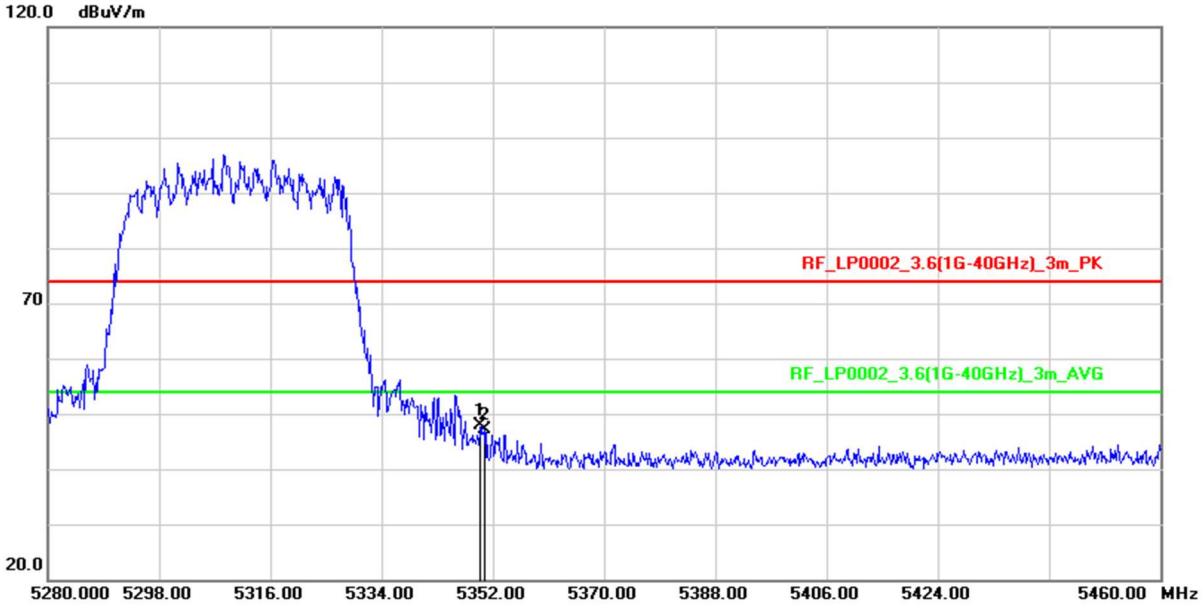


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.420	57.91	2.28	60.19	74.00	-13.81	peak
2	5149.420	44.84	2.28	47.12	54.00	-6.88	AVG
3	5150.000	61.68	2.28	63.96	74.00	-10.04	peak
4	5150.000	48.10	2.28	50.38	54.00	-3.62	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH62(5310MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

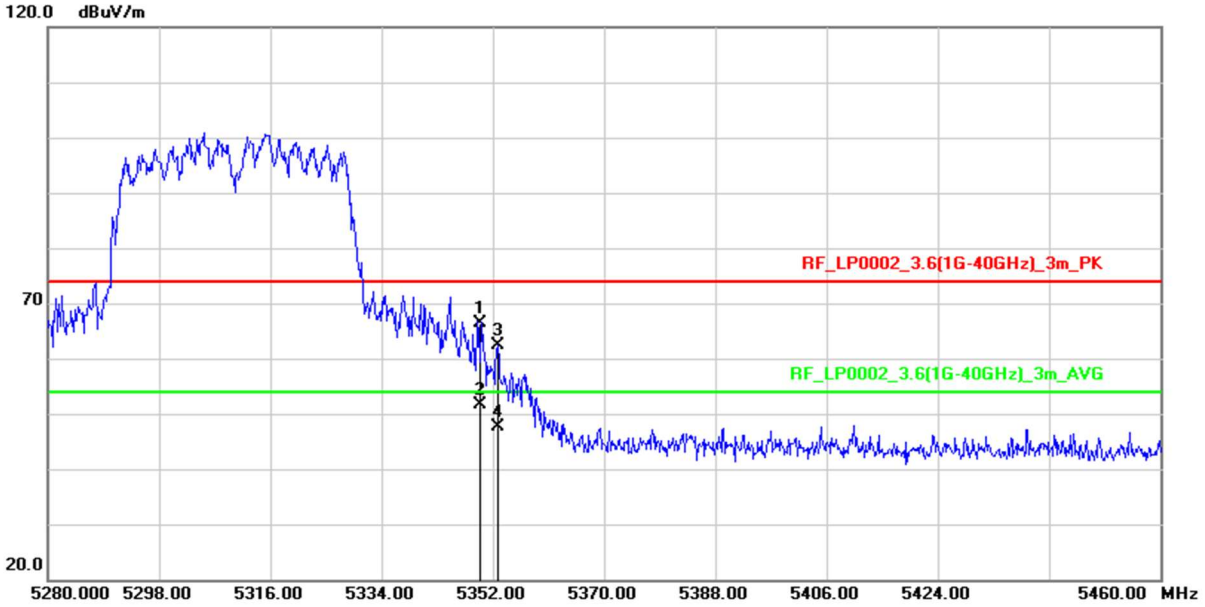


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	46.23	1.54	47.77	74.00	-26.23	peak
2	5350.560	45.56	1.53	47.09	74.00	-26.91	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH62(5310MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

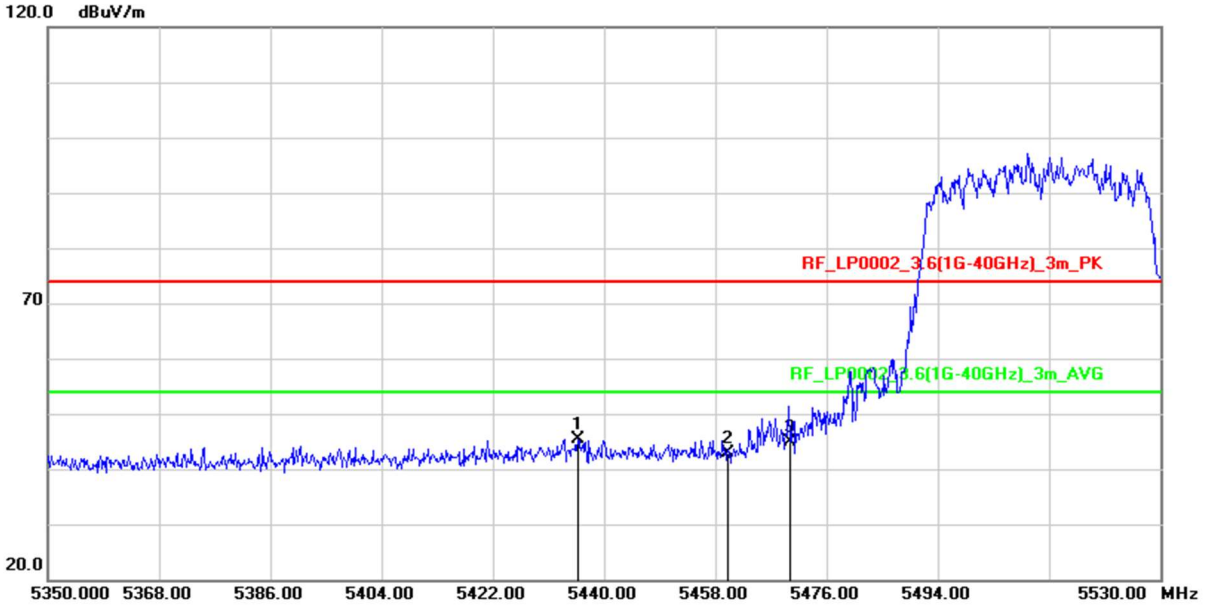


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	64.92	1.54	66.46	74.00	-7.54	peak
2	5350.000	50.03	1.54	51.57	54.00	-2.43	AVG
3	5352.720	60.73	1.54	62.27	74.00	-11.73	peak
4	5352.720	46.06	1.54	47.60	54.00	-6.40	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	Test Date :	110 年 12 月 14 日
Test Channel :	CH102(5510MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

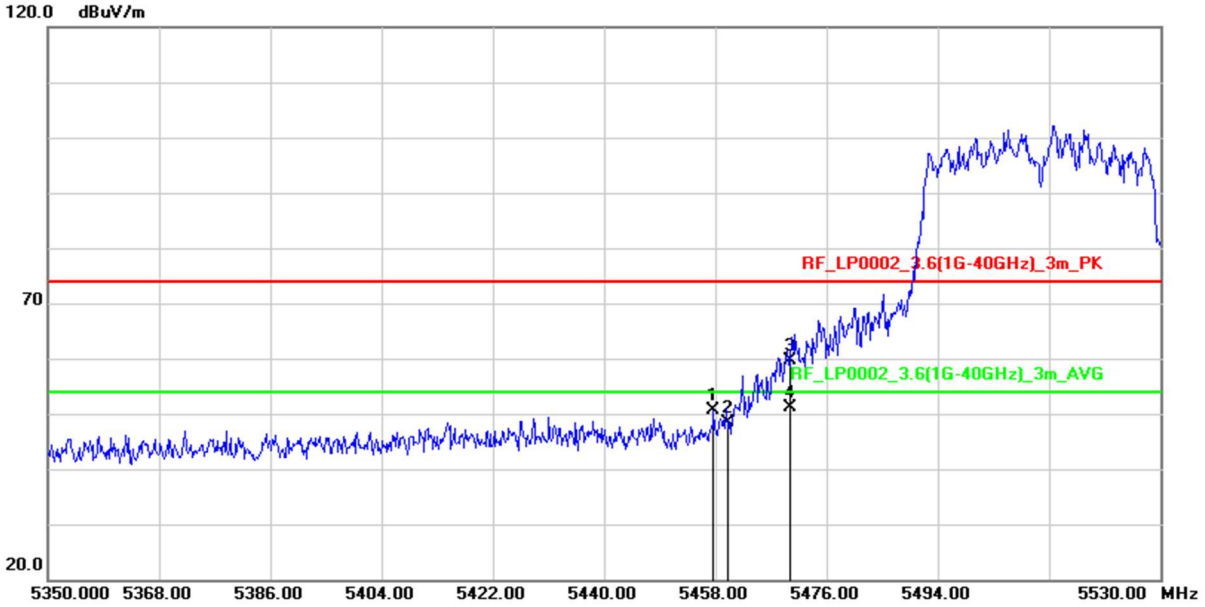


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5435.680	43.64	1.76	45.40	74.00	-28.60	peak
2	5460.000	41.01	1.86	42.87	74.00	-31.13	peak
3	5470.000	42.95	1.90	44.85	74.00	-29.15	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH102(5510MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

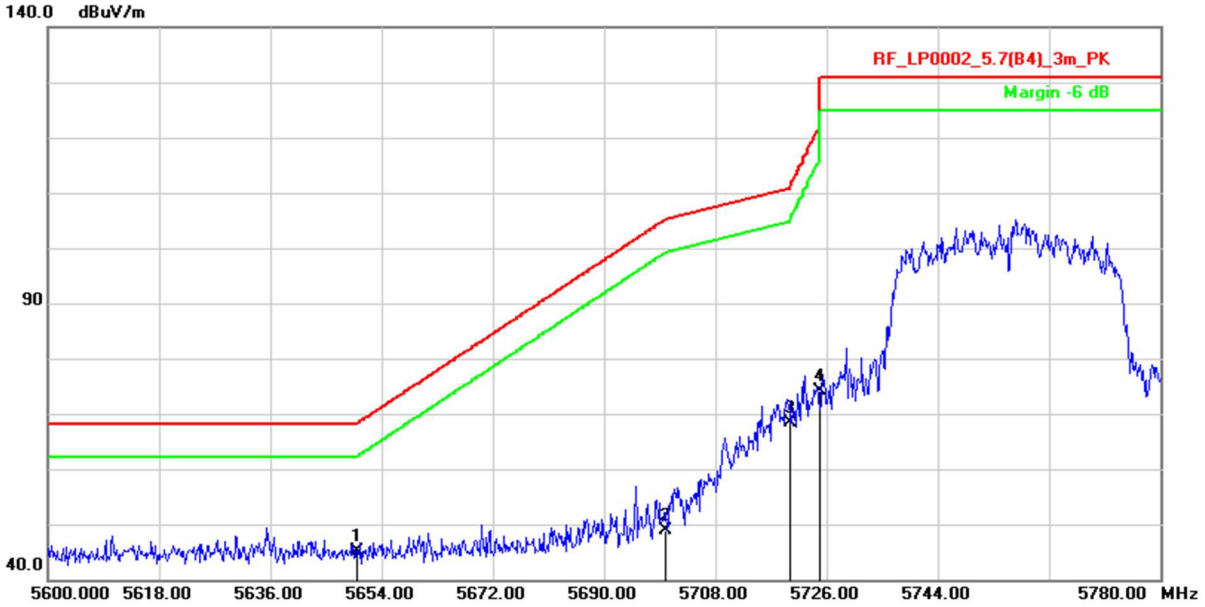


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.640	48.68	1.85	50.53	74.00	-23.47	peak
2	5460.000	46.58	1.86	48.44	74.00	-25.56	peak
3	5470.000	57.78	1.90	59.68	74.00	-14.32	peak
4	5470.000	49.26	1.90	51.16	54.00	-2.84	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	Test Date :	110 年 12 月 14 日
Test Channel :	CH151(5755MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

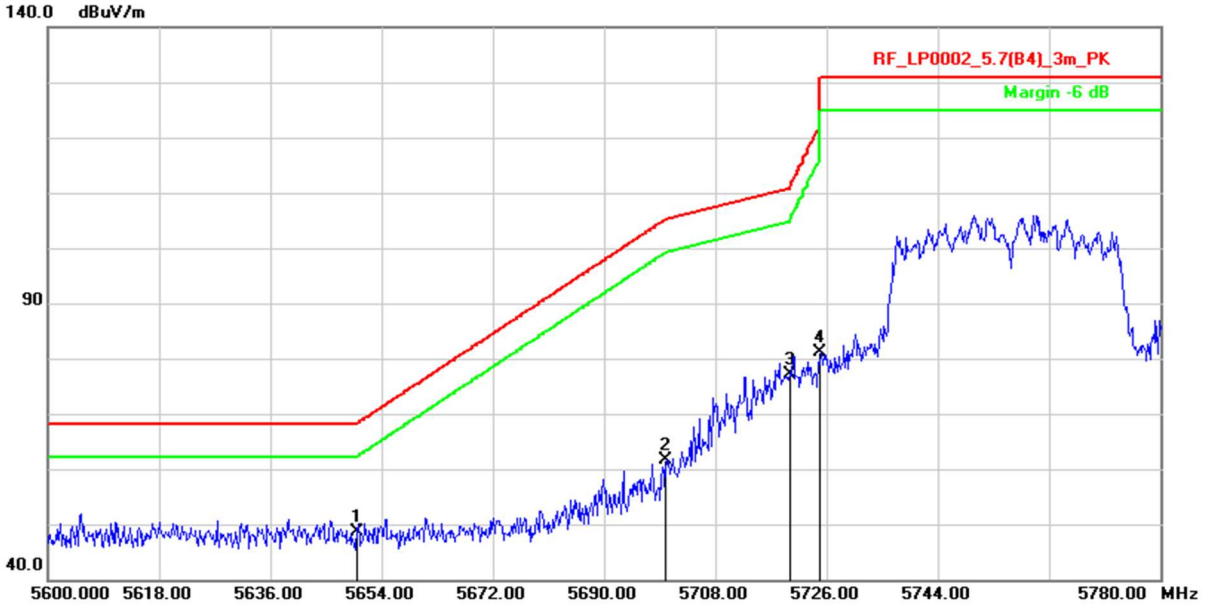


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	42.99	2.06	45.05	68.20	-23.15	peak
2	5700.000	46.84	2.11	48.95	105.20	-56.25	peak
3	5720.000	66.15	2.21	68.36	110.80	-42.44	peak
4	5725.000	71.96	2.23	74.19	122.20	-48.01	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH151(5755MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

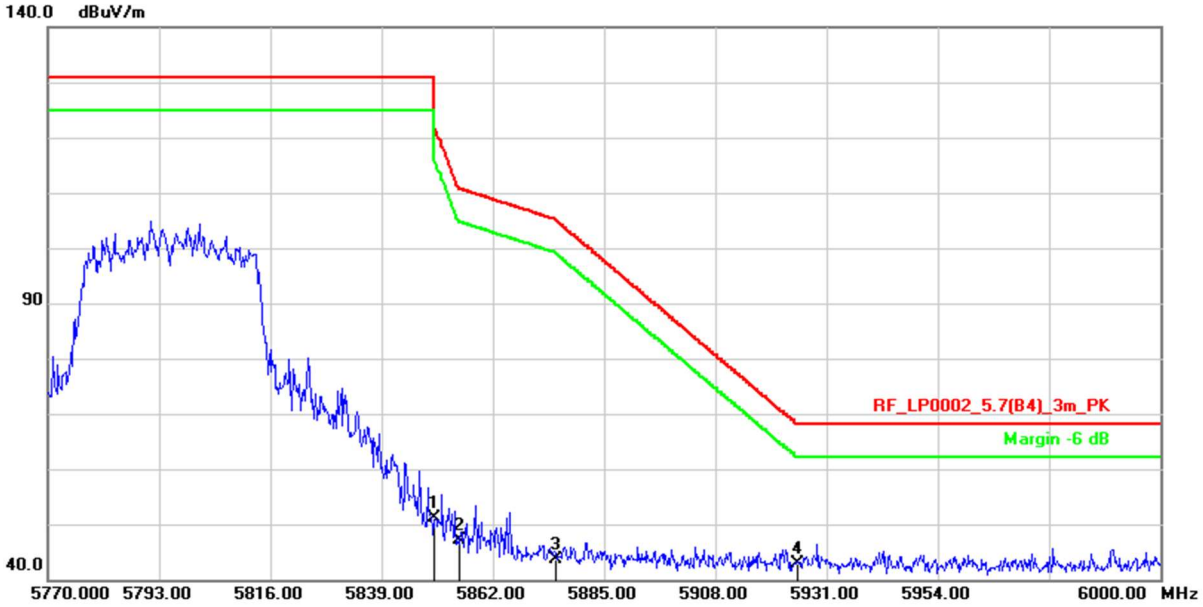


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.59	2.06	48.65	68.20	-19.55	peak
2	5700.000	59.44	2.11	61.55	105.20	-43.65	peak
3	5720.000	74.99	2.21	77.20	110.80	-33.60	peak
4	5725.000	78.78	2.23	81.01	122.20	-41.19	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH159(5795MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

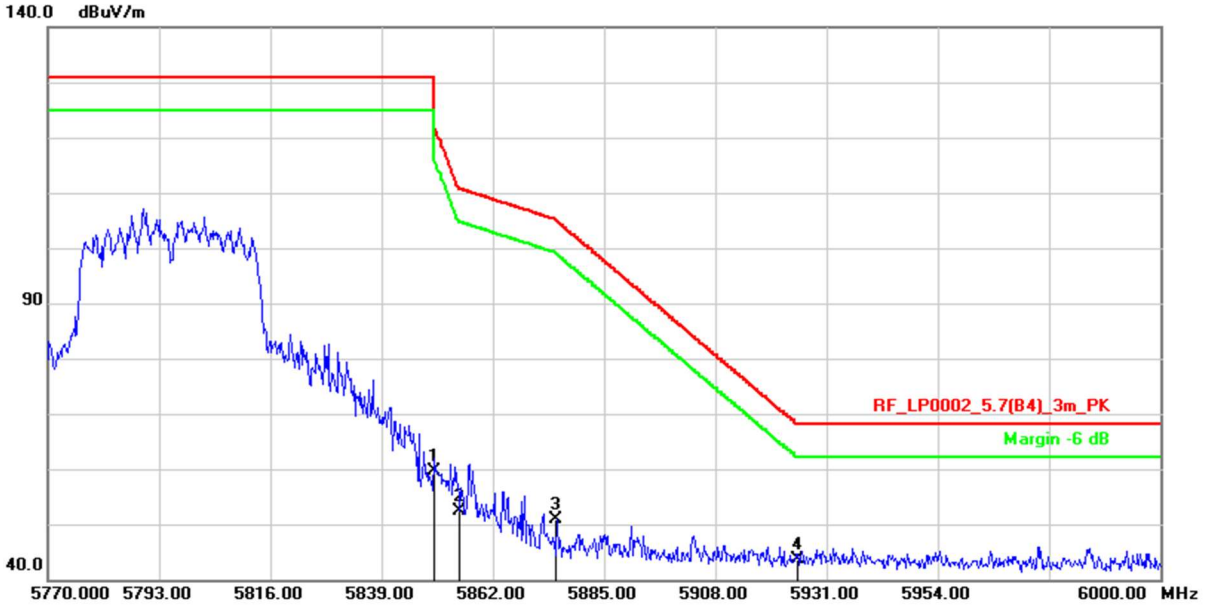


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	48.28	2.85	51.13	122.20	-71.07	peak
2	5855.000	44.27	2.86	47.13	110.80	-63.67	peak
3	5875.000	40.72	2.88	43.60	105.20	-61.60	peak
4	5925.000	39.85	2.93	42.78	68.20	-25.42	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH159(5795MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

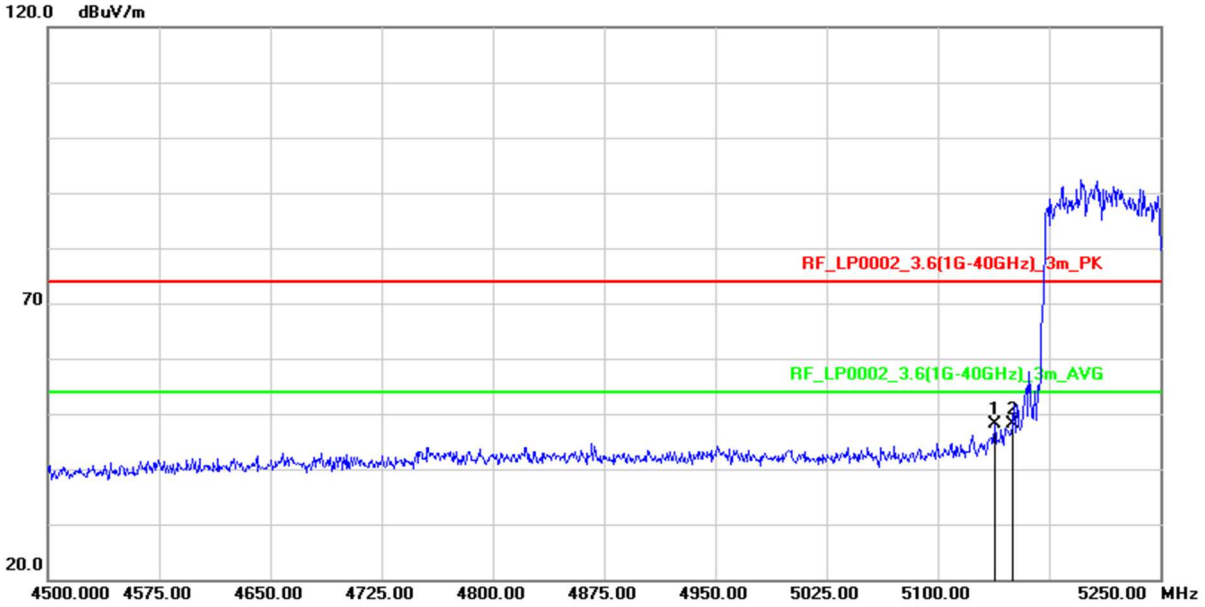


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	56.75	2.85	59.60	122.20	-62.60	peak
2	5855.000	49.44	2.86	52.30	110.80	-58.50	peak
3	5875.000	48.04	2.88	50.92	105.20	-54.28	peak
4	5925.000	40.76	2.93	43.69	68.20	-24.51	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH42(5210MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

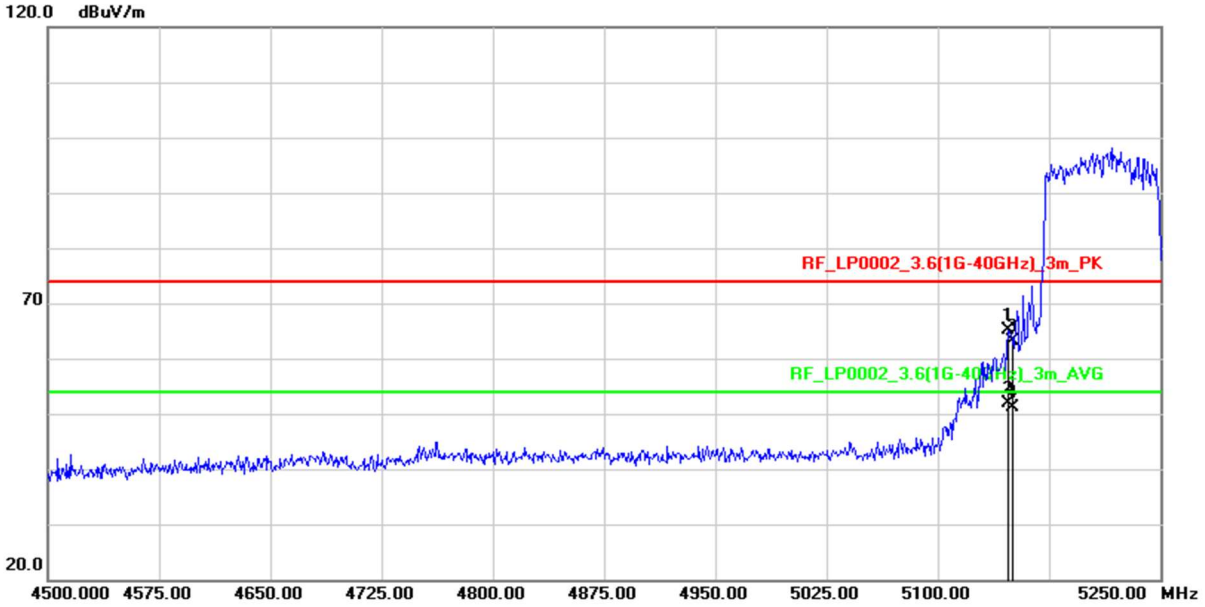


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.250	45.87	2.26	48.13	74.00	-25.87	peak
2	5150.000	45.74	2.28	48.02	74.00	-25.98	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH42(5210MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

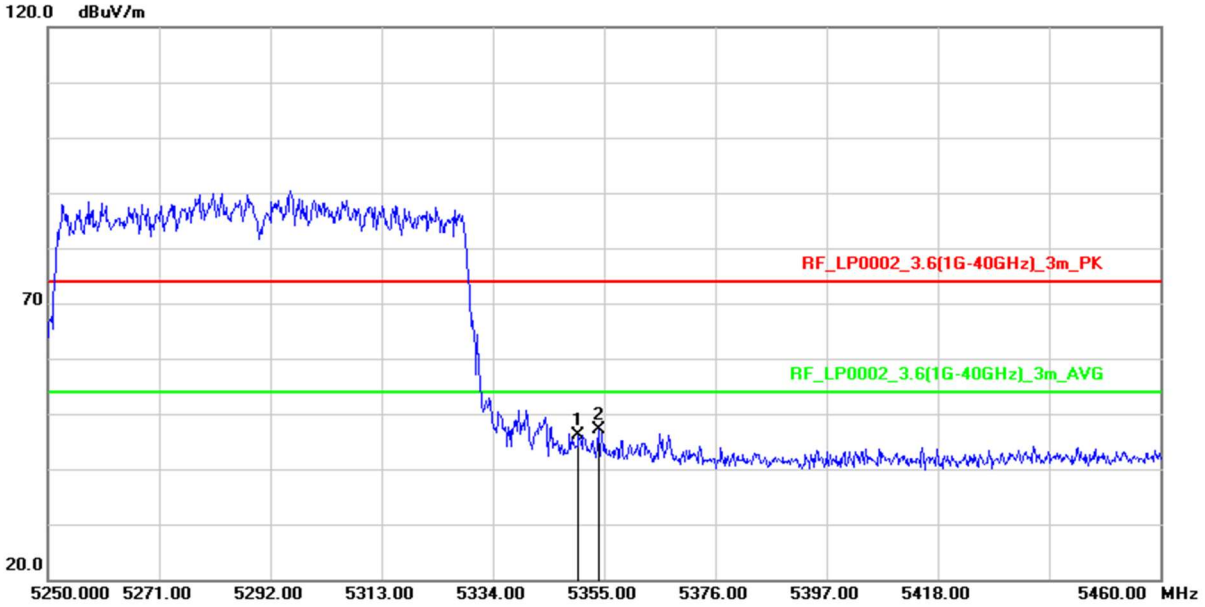


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.250	62.90	2.27	65.17	74.00	-8.83	peak
2	5147.250	49.51	2.27	51.78	54.00	-2.22	AVG
3	5150.000	60.92	2.28	63.20	74.00	-10.80	peak
4	5150.000	48.91	2.28	51.19	54.00	-2.81	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH58(5290MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

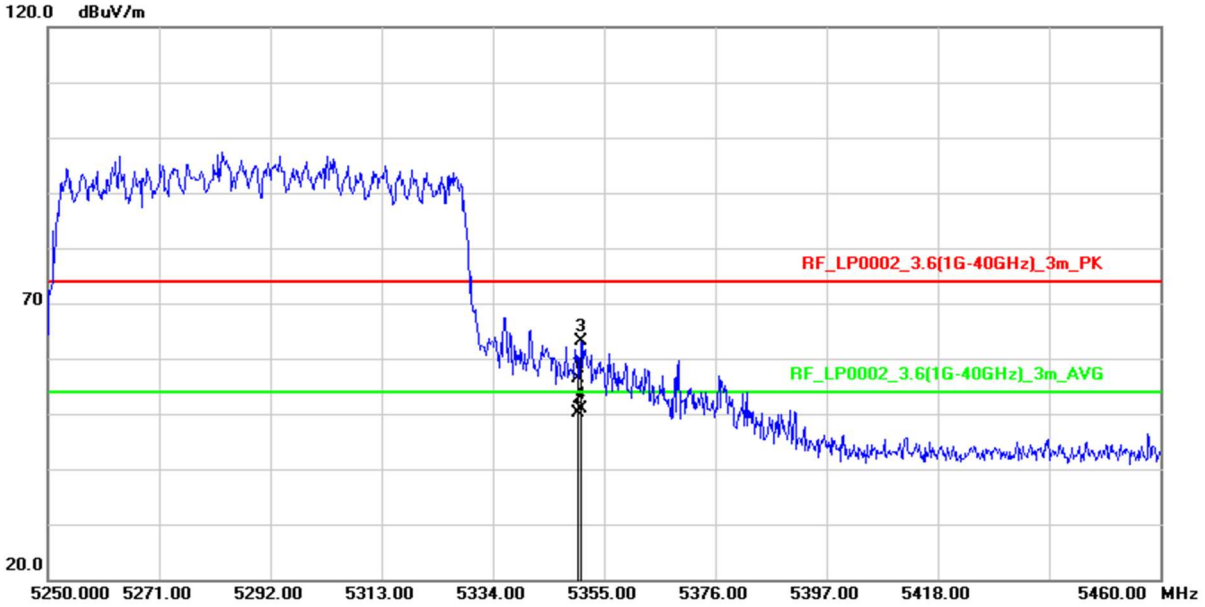


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	44.59	1.54	46.13	74.00	-27.87	peak
2	5353.950	45.66	1.54	47.20	74.00	-26.80	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH58(5290MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

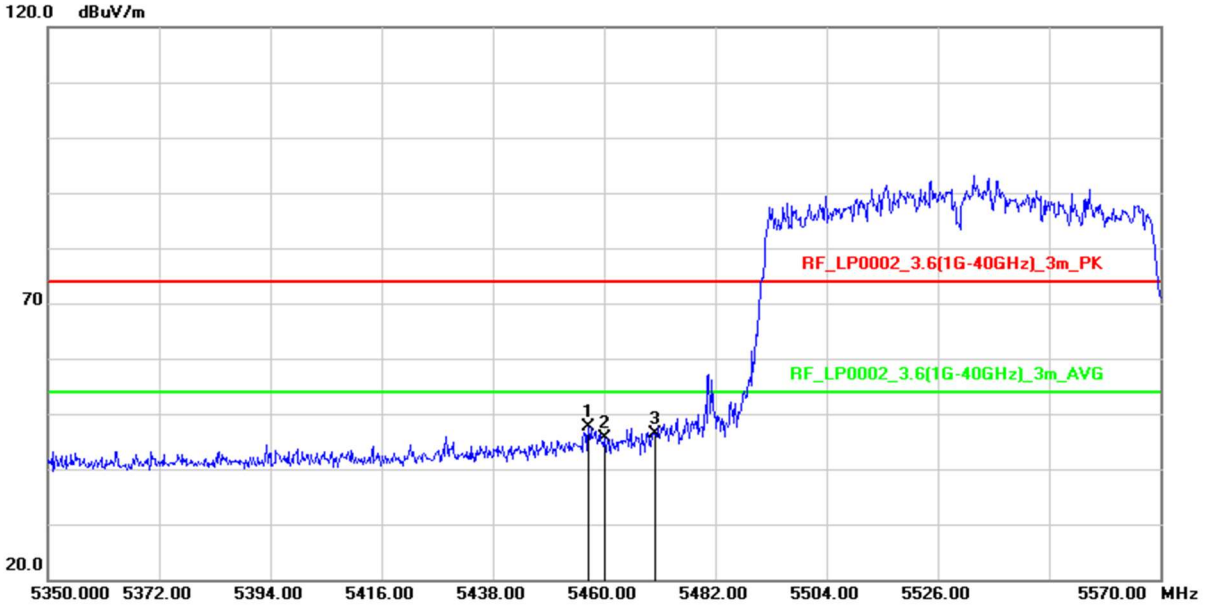


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	54.95	1.54	56.49	74.00	-17.51	peak
2	5350.000	48.49	1.54	50.03	54.00	-3.97	AVG
3	5350.590	61.56	1.53	63.09	74.00	-10.91	peak
4	5350.590	49.29	1.53	50.82	54.00	-3.18	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	Test Date :	110 年 12 月 14 日
Test Channel :	CH106(5530MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

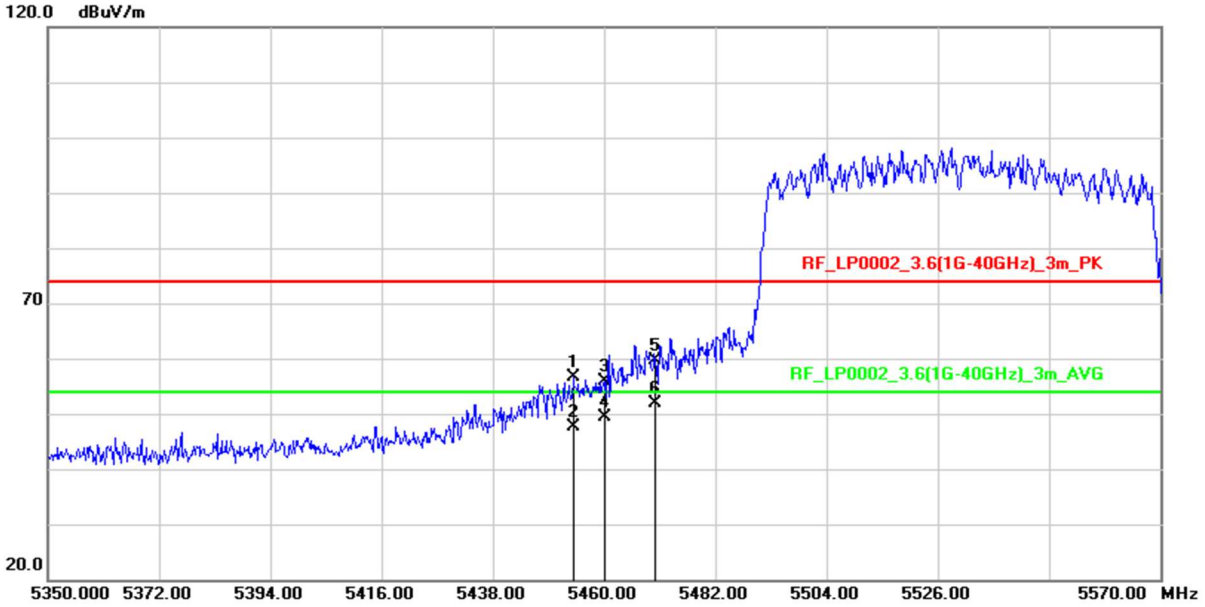


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.920	45.87	1.85	47.72	74.00	-26.28	peak
2	5460.000	43.73	1.86	45.59	74.00	-28.41	peak
3	5470.000	44.45	1.90	46.35	74.00	-27.65	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	Test Date :	110 年 12 月 14 日
Test Channel :	CH106(5530MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

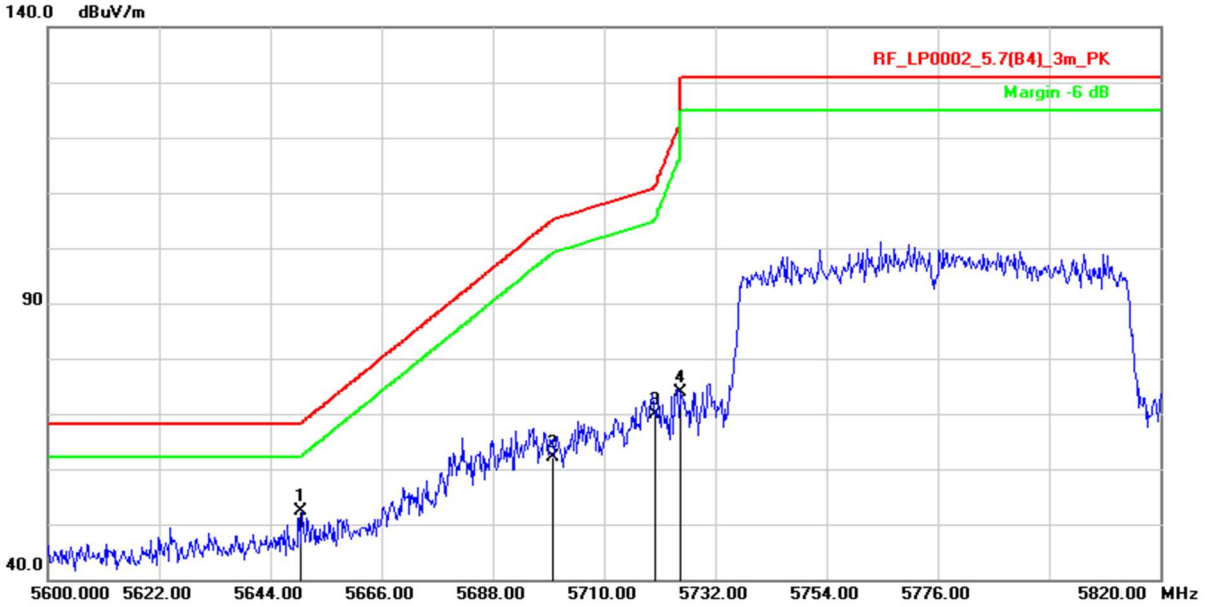


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.840	54.71	1.84	56.55	74.00	-17.45	peak
2	5453.840	45.68	1.84	47.52	54.00	-6.48	AVG
3	5460.000	54.04	1.86	55.90	74.00	-18.10	peak
4	5460.000	47.42	1.86	49.28	54.00	-4.72	AVG
5	5470.000	57.68	1.90	59.58	74.00	-14.42	peak
6	5470.000	49.88	1.90	51.78	54.00	-2.22	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	Test Date :	110 年 12 月 14 日
Test Channel :	CH155(5775MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	50.38	2.06	52.44	68.20	-15.76	peak
2	5700.000	59.99	2.11	62.10	105.20	-43.10	peak
3	5720.000	67.74	2.21	69.95	110.80	-40.85	peak
4	5725.000	71.71	2.23	73.94	122.20	-48.26	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH155(5775MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

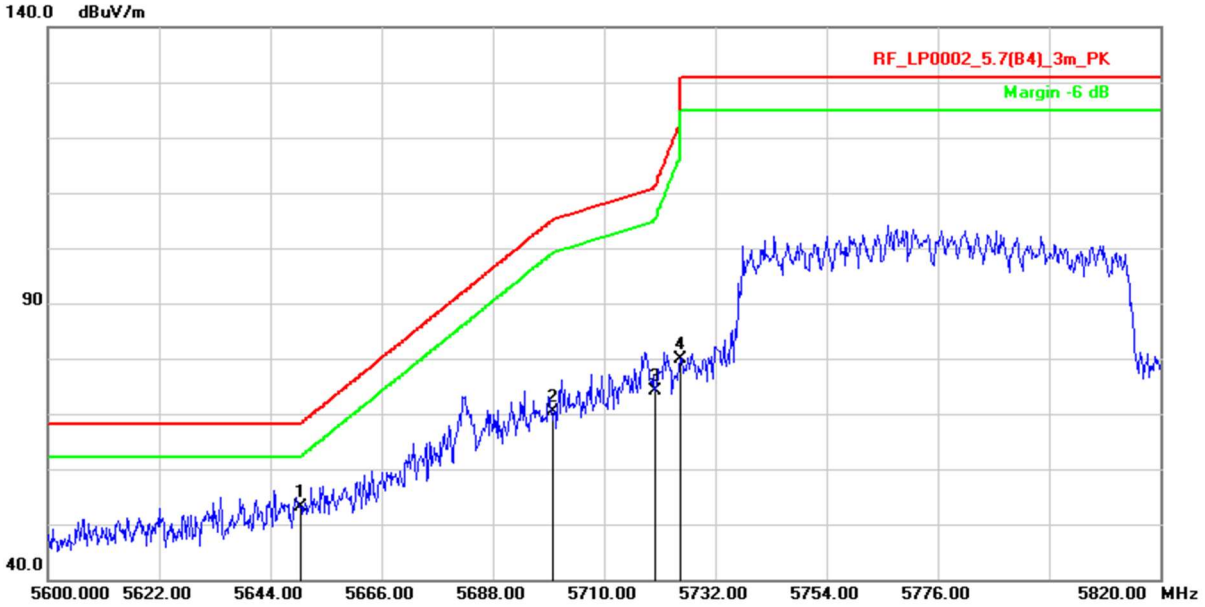


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	59.94	2.85	62.79	122.20	-59.41	peak
2	5855.000	59.18	2.86	62.04	110.80	-48.76	peak
3	5875.000	49.60	2.88	52.48	105.20	-52.72	peak
4	5925.000	38.91	2.93	41.84	68.20	-26.36	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 14 日
Test Channel :	CH155(5775MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

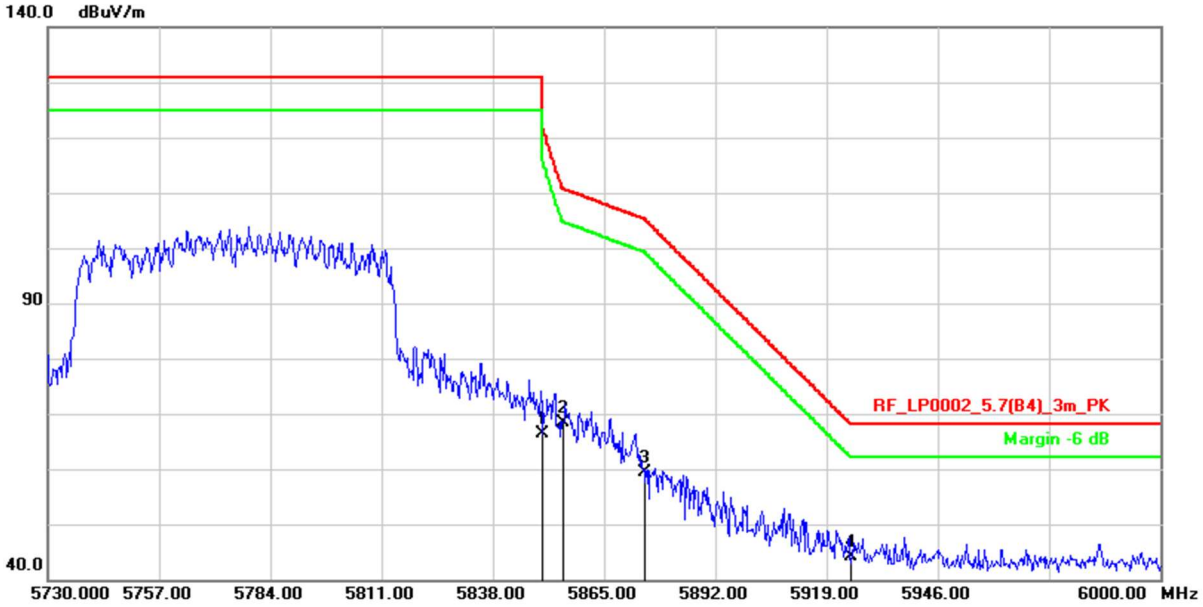


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	51.01	2.06	53.07	68.20	-15.13	peak
2	5700.000	68.17	2.11	70.28	105.20	-34.92	peak
3	5720.000	71.96	2.21	74.17	110.80	-36.63	peak
4	5725.000	77.70	2.23	79.93	122.20	-42.27	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	Test Date :	110 年 12 月 14 日
Test Channel :	CH155(5775MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	63.53	2.85	66.38	122.20	-55.82	peak
2	5855.000	65.46	2.86	68.32	110.80	-42.48	peak
3	5875.000	56.51	2.88	59.39	105.20	-45.81	peak
4	5925.000	41.32	2.93	44.25	68.20	-23.95	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

2.5.6 輻射雜散發射測試

(1) 輻射量測頻率 9kHz～30MHz，此頻率範圍之干擾值低於限制值 20dB 以下，被考量為背景雜訊值並不予紀錄。

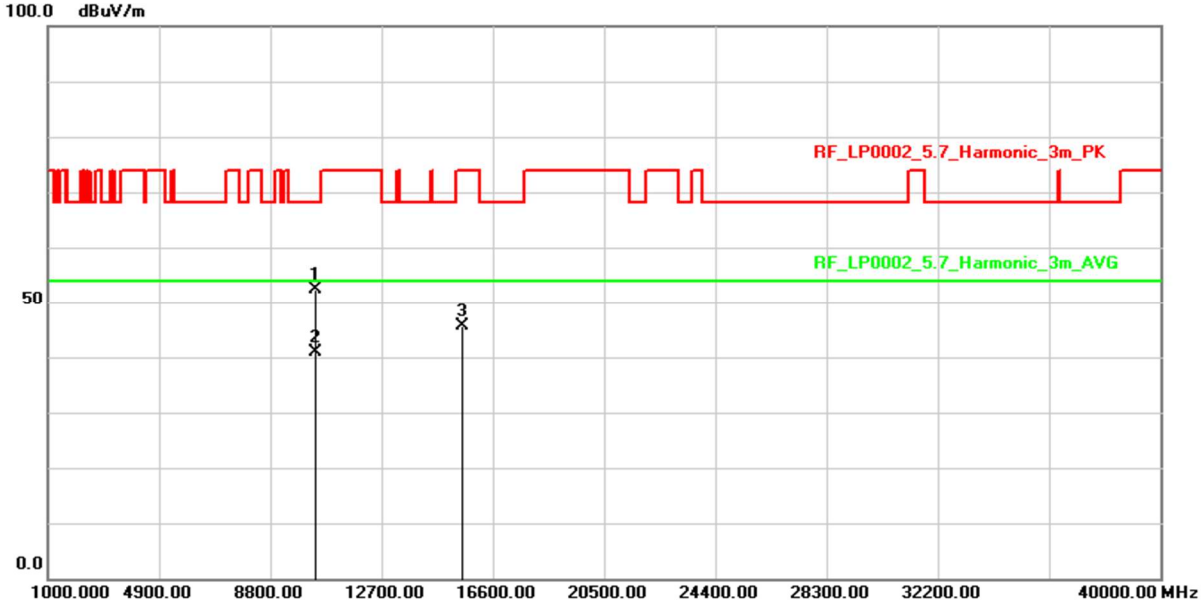
(2) 下表為輻射測量頻率 30MHz～40GHz，在 X、Y、Z 三個軸向中預掃描。本報告中記錄了最壞情況（X 軸向）。

Test Frequency			
RF	**802.11a / 802.11ac VHT20**	**802.11ac VHT40**	**802.11ac VHT80**
Tx	CH36 (5180MHz) CH44 (5220MHz) CH48 (5240MHz) CH52 (5260MHz) CH60 (5300MHz) CH64 (5320MHz) CH100 (5500MHz) CH116 (5580MHz) CH140 (5700MHz) CH149 (5745MHz) CH157 (5785MHz) CH165 (5825MHz)	CH38 (5190MHz) CH46 (5230MHz) CH54 (5270MHz) CH62 (5310MHz) CH102 (5510MHz) CH110 (5550MHz) CH134 (5670MHz) CH151 (5755MHz) CH159 (5795MHz)	CH42 (5210MHz) CH58 (5290MHz) CH106 (5530MHz) CH122 (5610MHz) CH155 (5775MHz)

Test Frequency	
RF	**802.11a**
Rx	CH44 (5220MHz) CH60 (5300MHz) CH116 (5580MHz) CH157 (5785MHz)

Above 1GHz Data

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 16 日
Test Channel :	CH36(5180MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

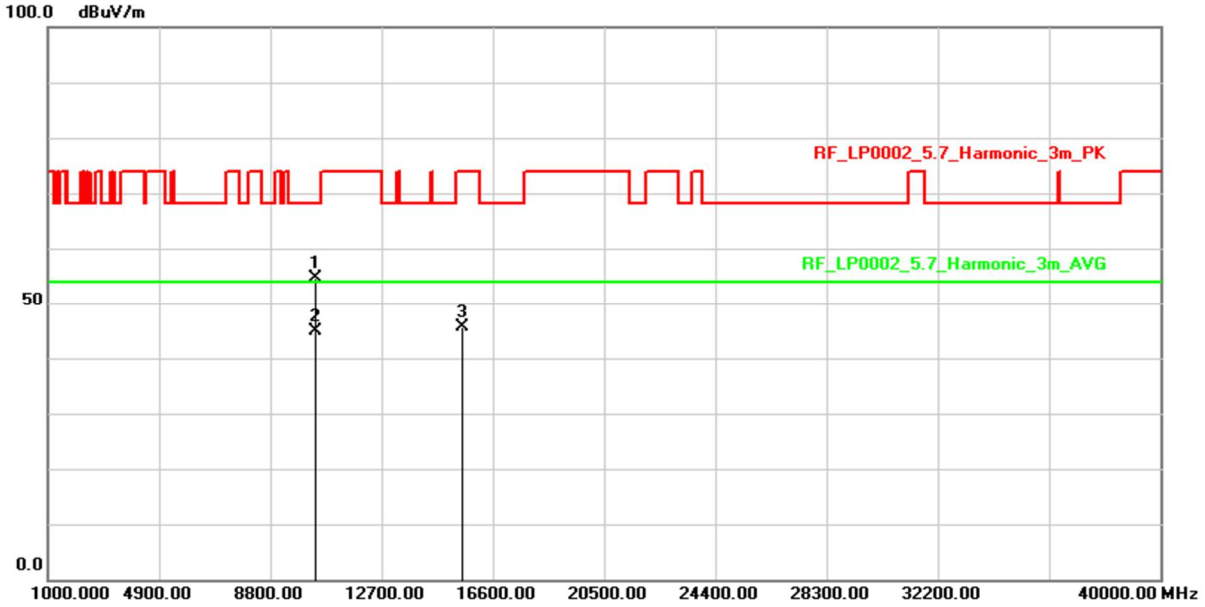


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	63.98	-11.71	52.27	68.20	-15.93	peak
2 *	10360.000	52.71	-11.71	41.00	54.00	-13.00	AVG
3	15540.000	55.53	-9.94	45.59	74.00	-28.41	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH36(5180MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

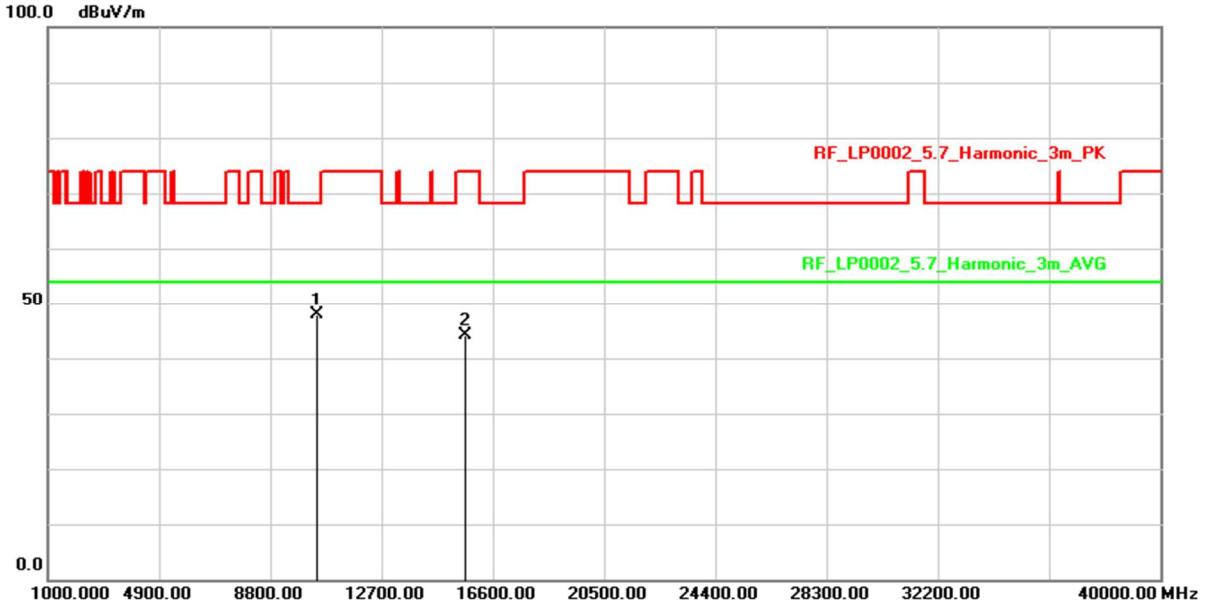


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	66.39	-11.71	54.68	68.20	-13.52	peak
2	10360.000	56.69	-11.71	44.98	54.00	-9.02	AVG
3	15540.000	55.57	-9.94	45.63	74.00	-28.37	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH44(5220MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

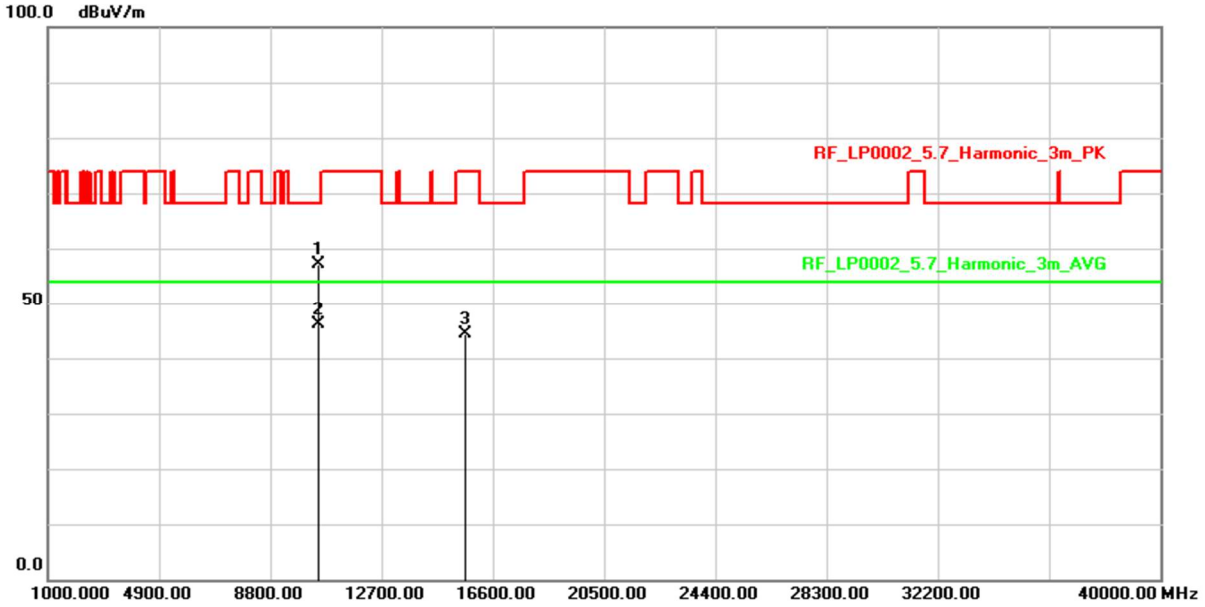


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10440.000	59.46	-11.53	47.93	68.20	-20.27	peak
2	15660.000	54.03	-9.90	44.13	74.00	-29.87	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH44(5220MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

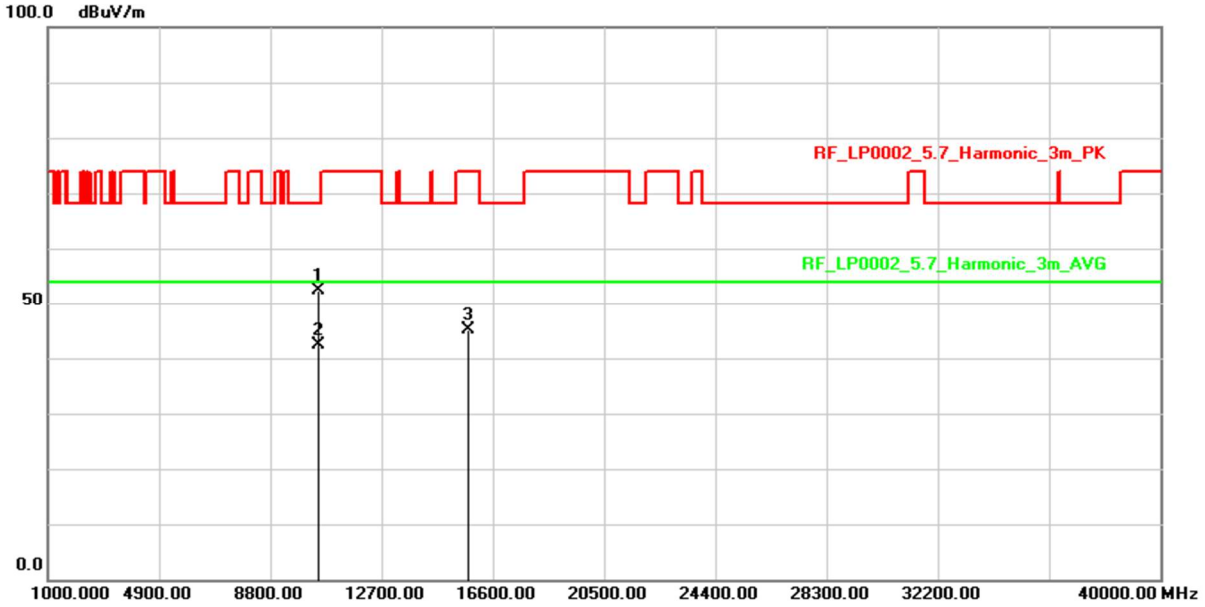


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10440.000	68.71	-11.53	57.18	68.20	-11.02	peak
2	10440.000	57.71	-11.53	46.18	54.00	-7.82	AVG
3	15660.000	54.31	-9.90	44.41	74.00	-29.59	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 16 日
Test Channel :	CH48(5240MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

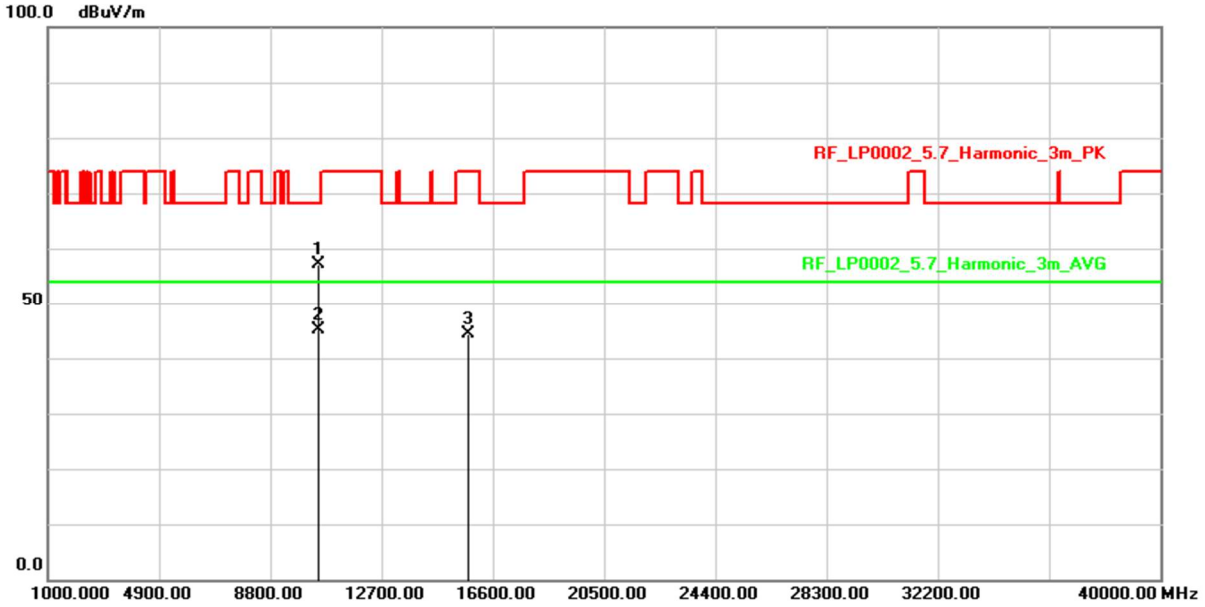


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	63.84	-11.34	52.50	68.20	-15.70	peak
2	10480.000	53.74	-11.34	42.40	68.20	-25.80	peak
3	15720.000	54.92	-9.73	45.19	74.00	-28.81	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH48(5240MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

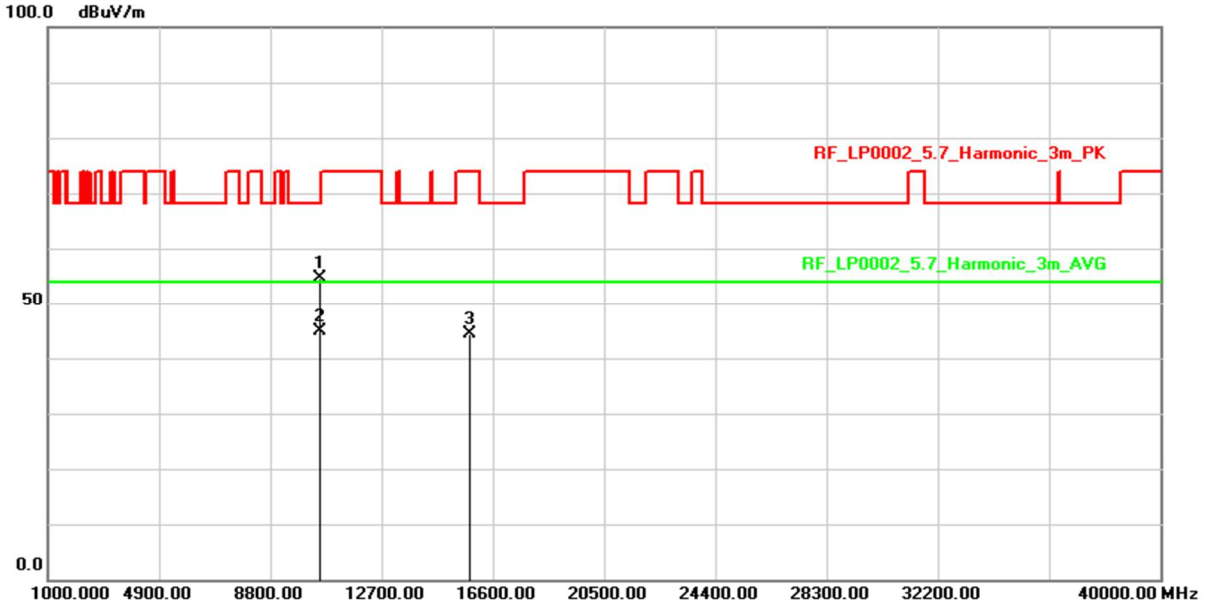


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	68.59	-11.34	57.25	68.20	-10.95	peak
2	10480.000	56.56	-11.34	45.22	54.00	-8.78	AVG
3	15720.000	54.19	-9.73	44.46	74.00	-29.54	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH52(5260MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

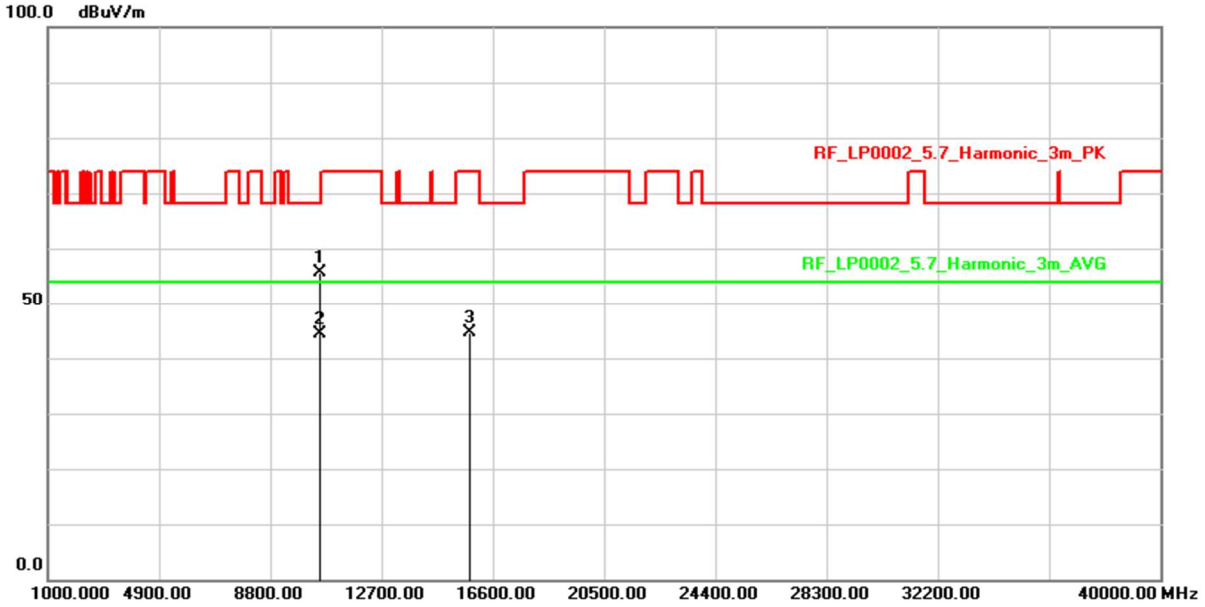


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	66.05	-11.32	54.73	68.20	-13.47	peak
2	10520.000	56.13	-11.32	44.81	54.00	-9.19	AVG
3	15780.000	53.96	-9.65	44.31	74.00	-29.69	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH52(5260MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

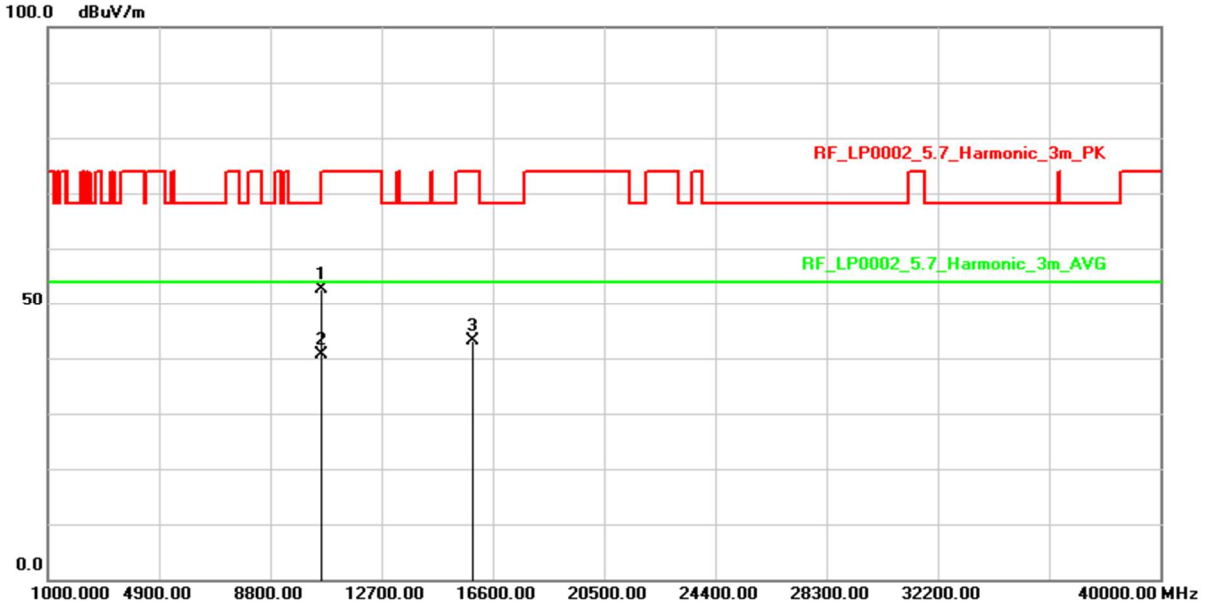


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	66.84	-11.32	55.52	68.20	-12.68	peak
2	10520.000	55.76	-11.32	44.44	54.00	-9.56	AVG
3	15780.000	54.33	-9.65	44.68	74.00	-29.32	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH60(5300MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

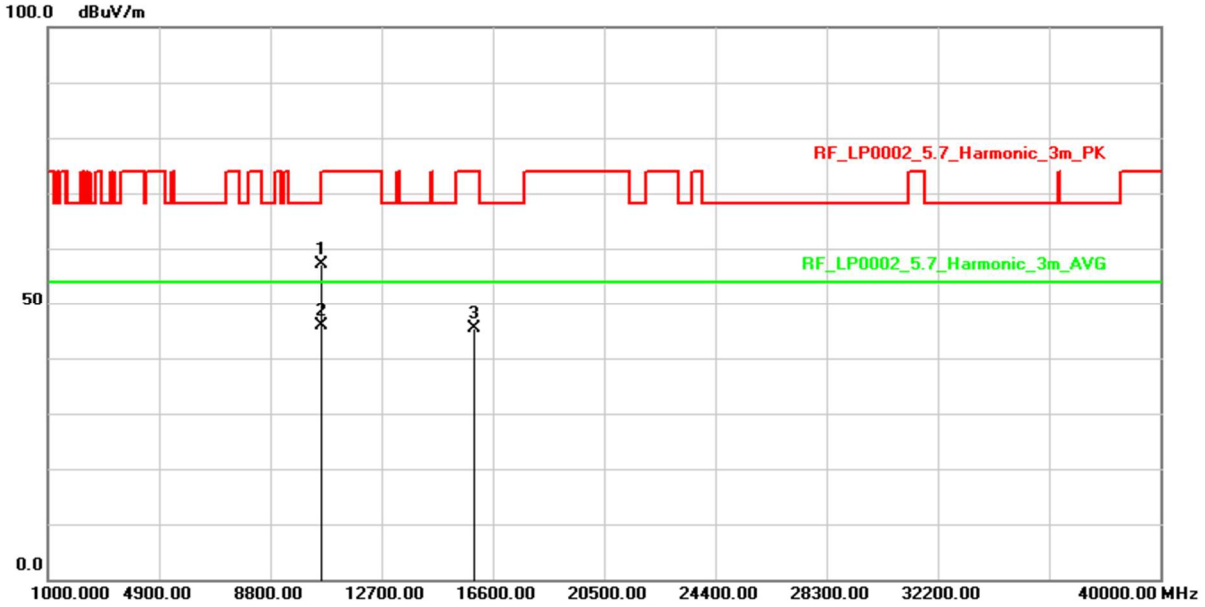


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	64.15	-11.60	52.55	68.20	-15.65	peak
2	10600.000	52.28	-11.60	40.68	68.20	-27.52	peak
3	15900.000	52.72	-9.58	43.14	74.00	-30.86	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH60(5300MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

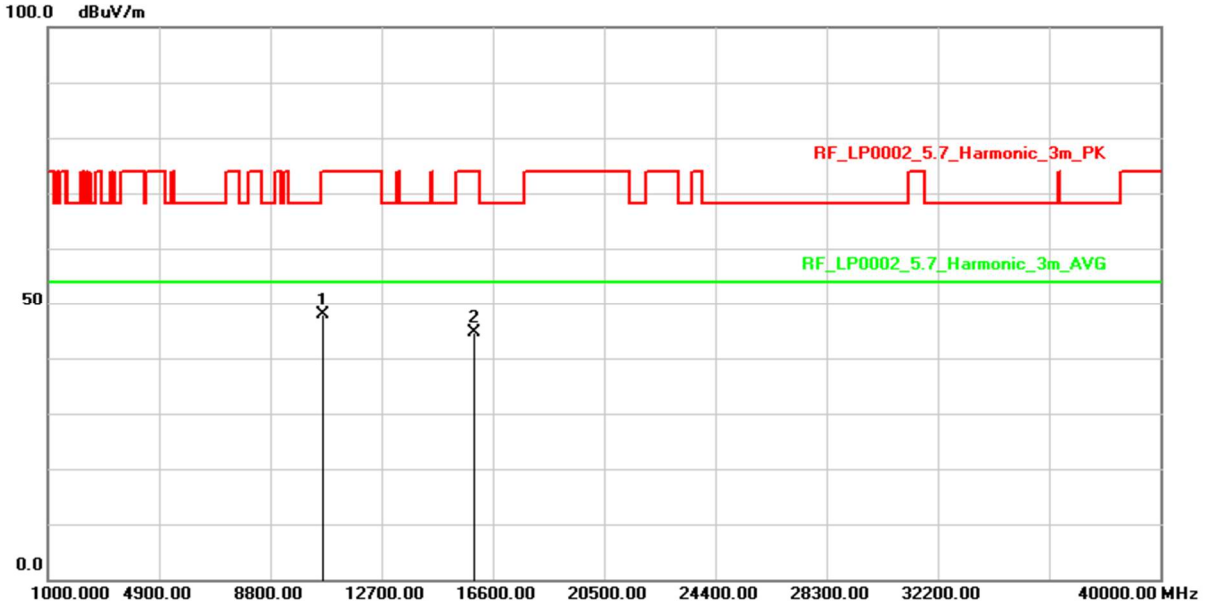


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	68.76	-11.60	57.16	68.20	-11.04	peak
2	10600.000	57.43	-11.60	45.83	54.00	-8.17	AVG
3	15900.000	54.94	-9.58	45.36	74.00	-28.64	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH64(5320MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

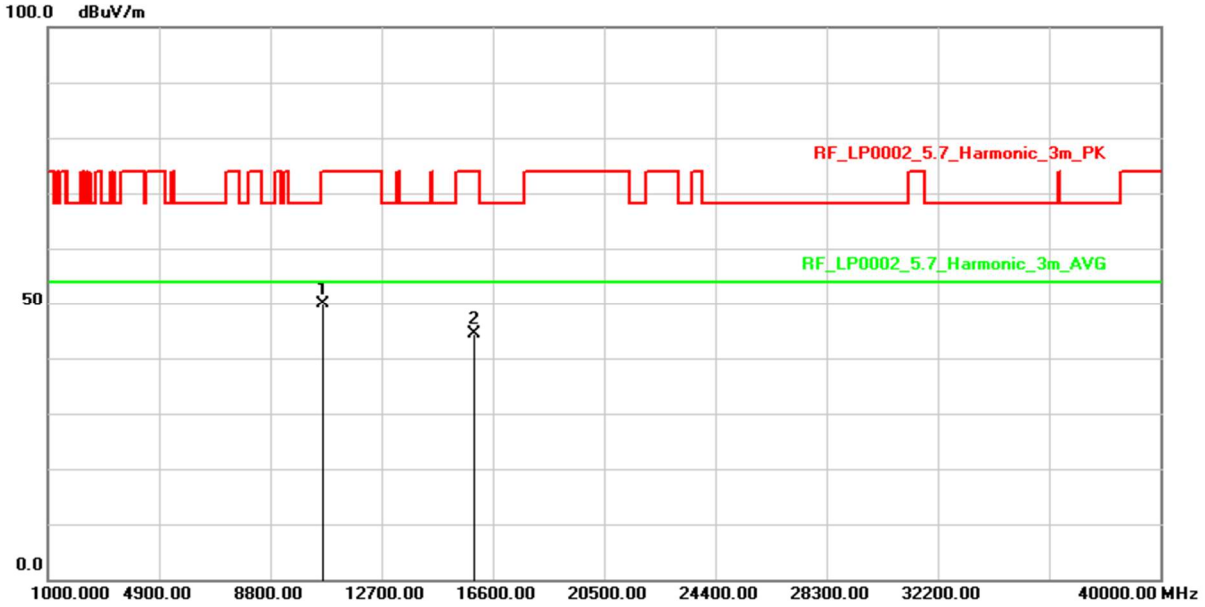


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	59.51	-11.54	47.97	74.00	-26.03	peak
2	15960.000	54.24	-9.50	44.74	74.00	-29.26	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH64(5320MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

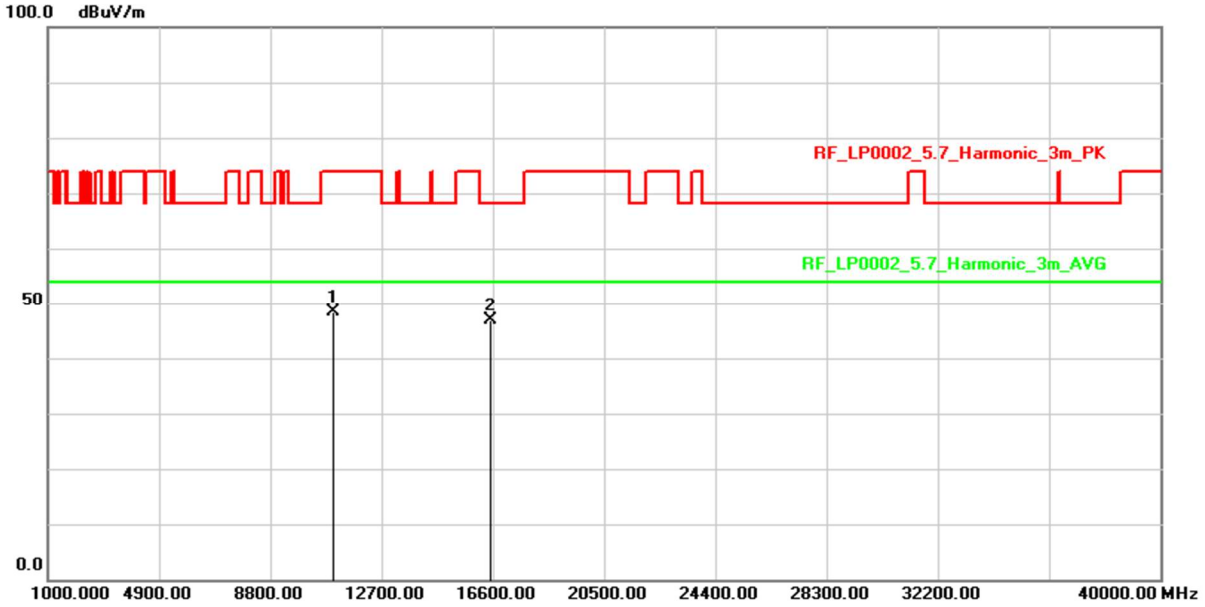


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	61.42	-11.54	49.88	74.00	-24.12	peak
2	15960.000	53.91	-9.50	44.41	74.00	-29.59	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH100(5500MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

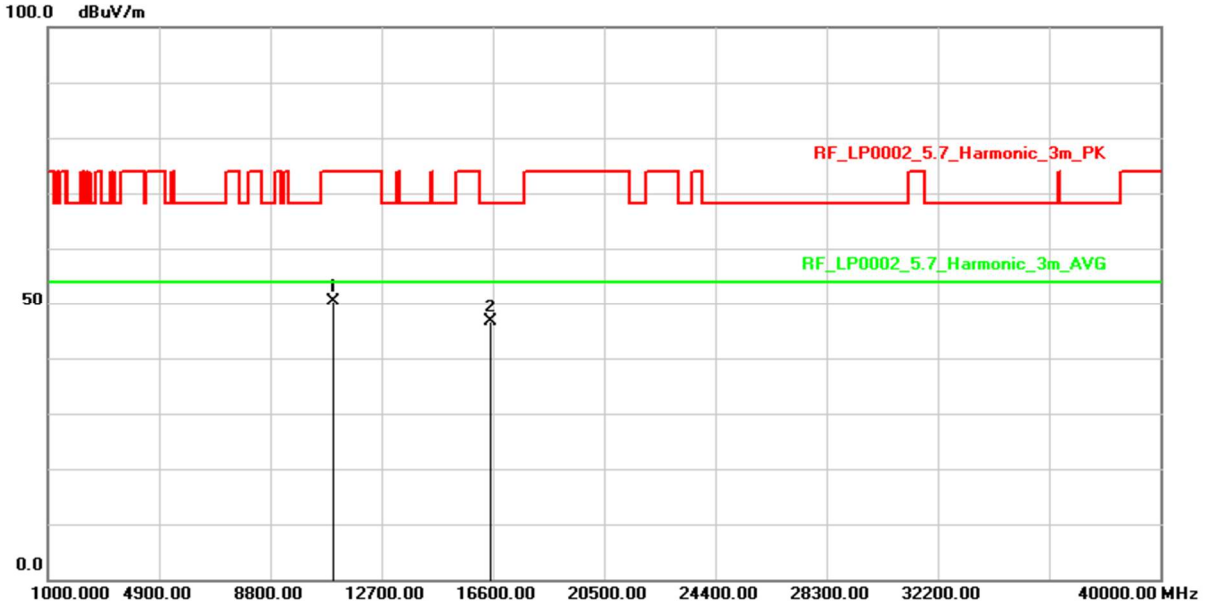


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	59.92	-11.54	48.38	74.00	-25.62	peak
2	16500.000	55.68	-8.73	46.95	68.20	-21.25	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH100(5500MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

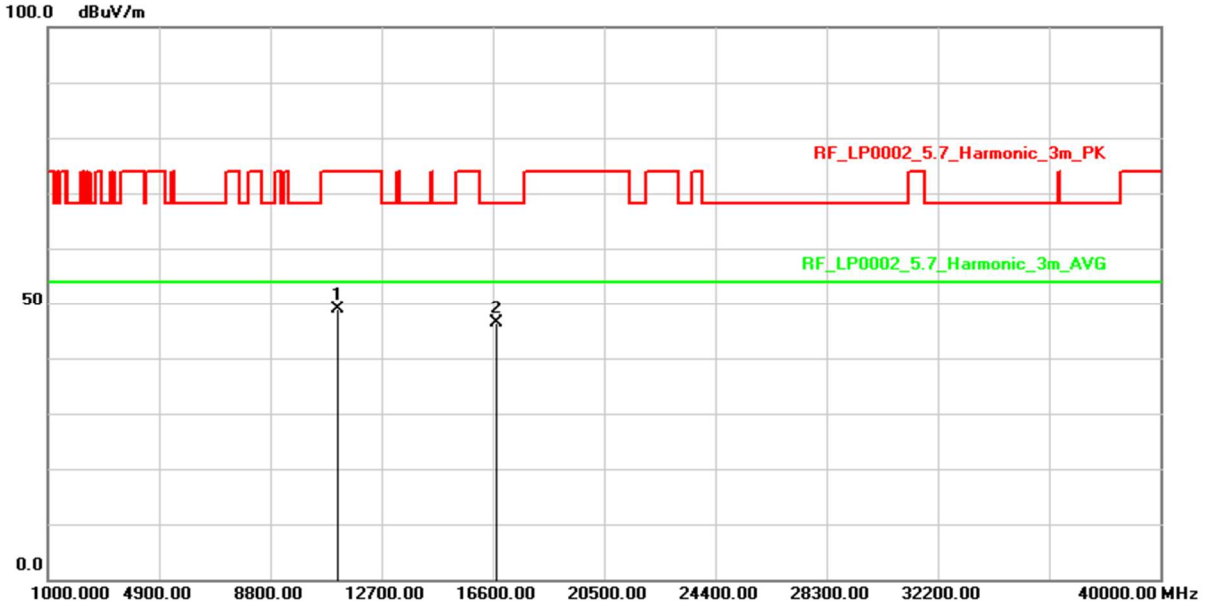


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	61.90	-11.54	50.36	74.00	-23.64	peak
2	16500.000	55.33	-8.73	46.60	68.20	-21.60	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH116(5580MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

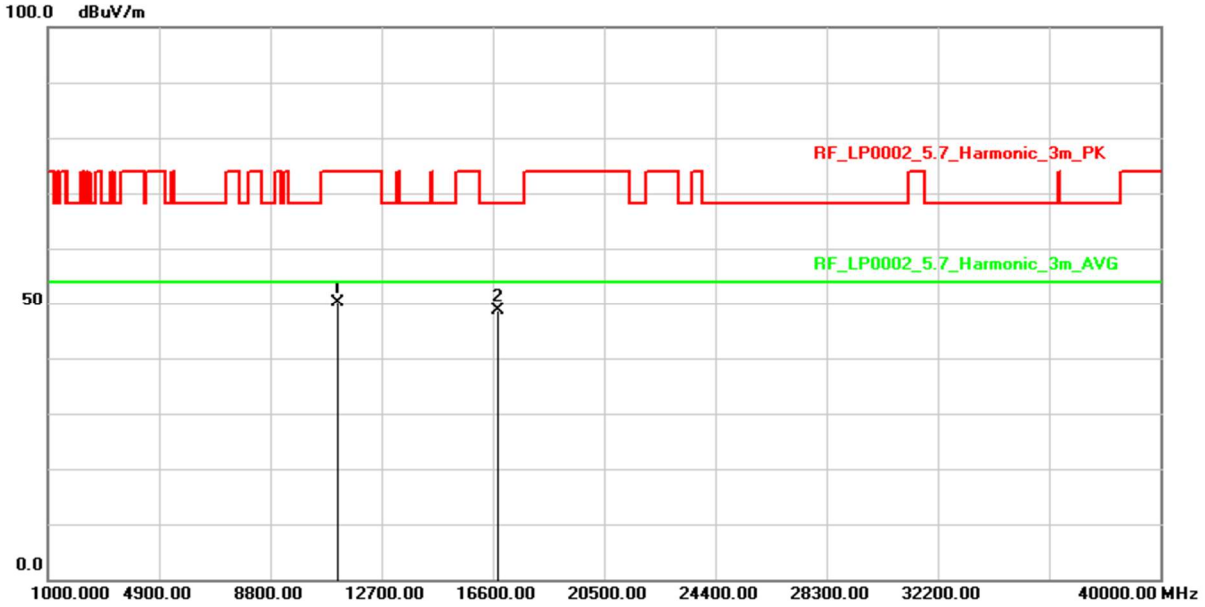


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11160.000	60.36	-11.57	48.79	74.00	-25.21	peak
2	16740.000	52.94	-6.66	46.28	68.20	-21.92	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH116(5580MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

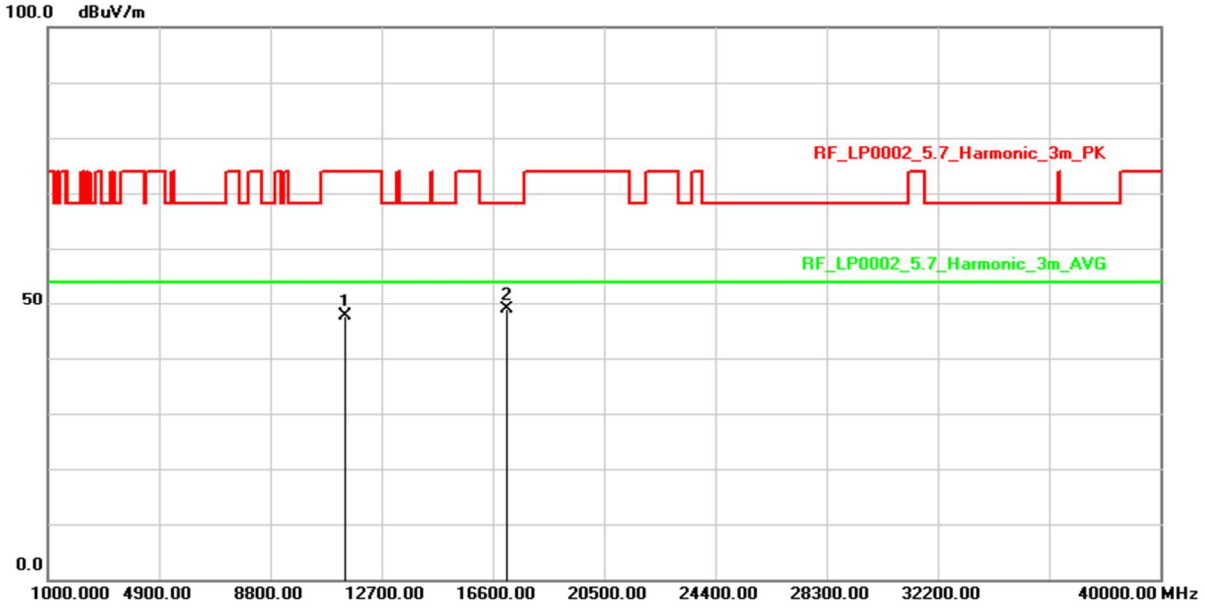


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11160.000	61.58	-11.57	50.01	74.00	-23.99	peak
2 *	16740.000	55.22	-6.66	48.56	68.20	-19.64	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH140(5700MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

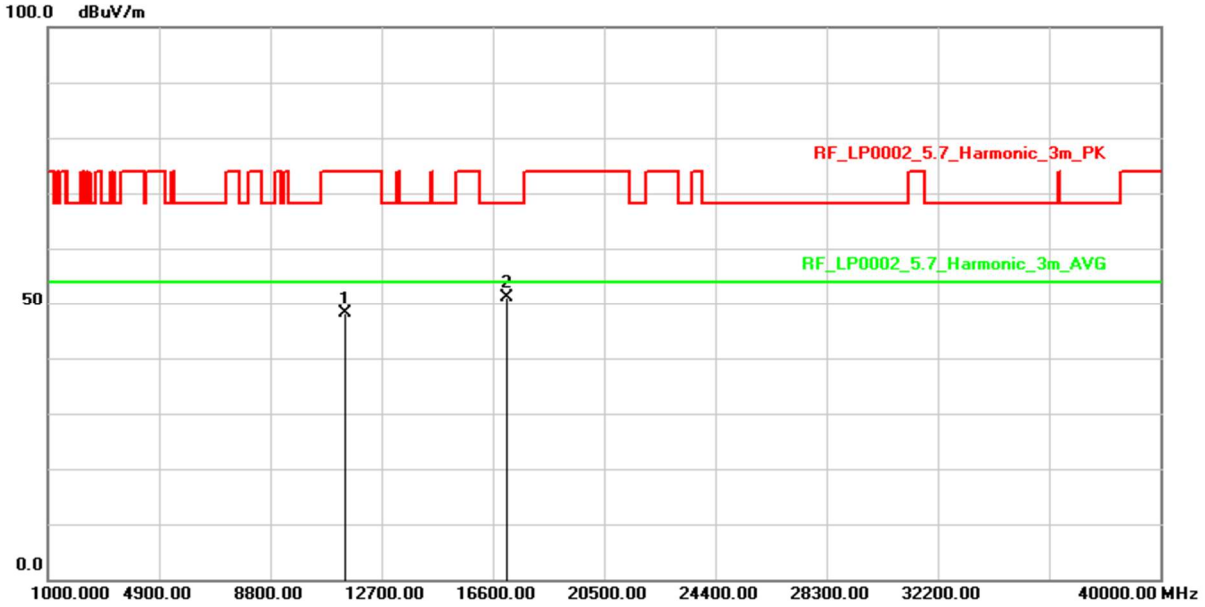


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	58.91	-11.31	47.60	74.00	-26.40	peak
2	17100.000	53.30	-4.53	48.77	68.20	-19.43	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH140(5700MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

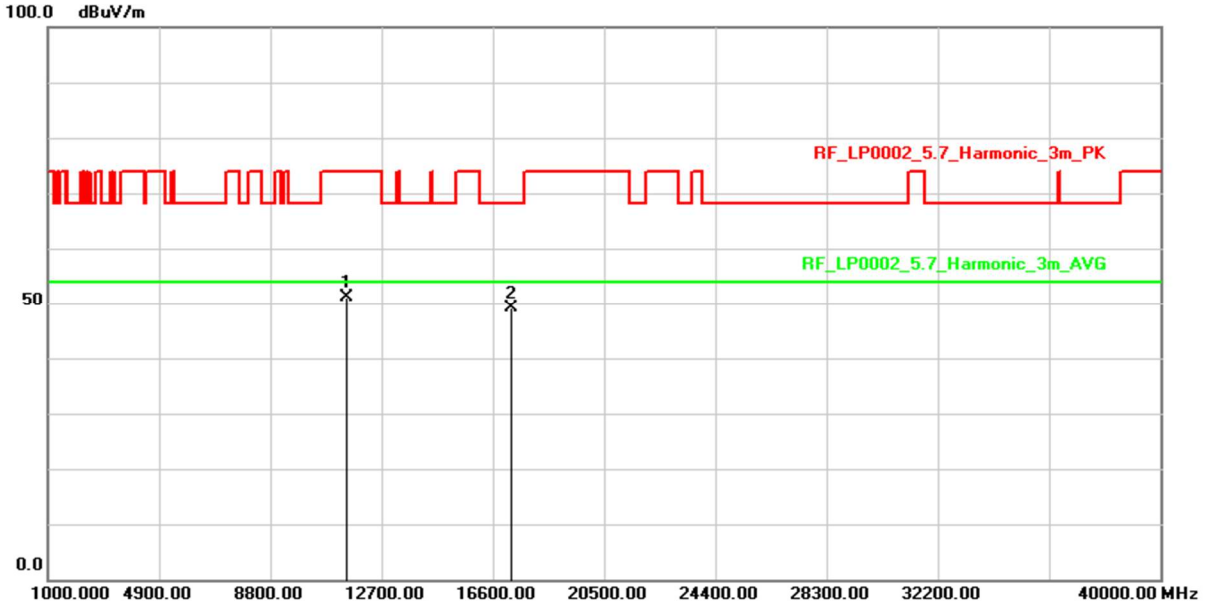


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	59.39	-11.31	48.08	74.00	-25.92	peak
2	17100.000	55.73	-4.53	51.20	68.20	-17.00	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH149(5745MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

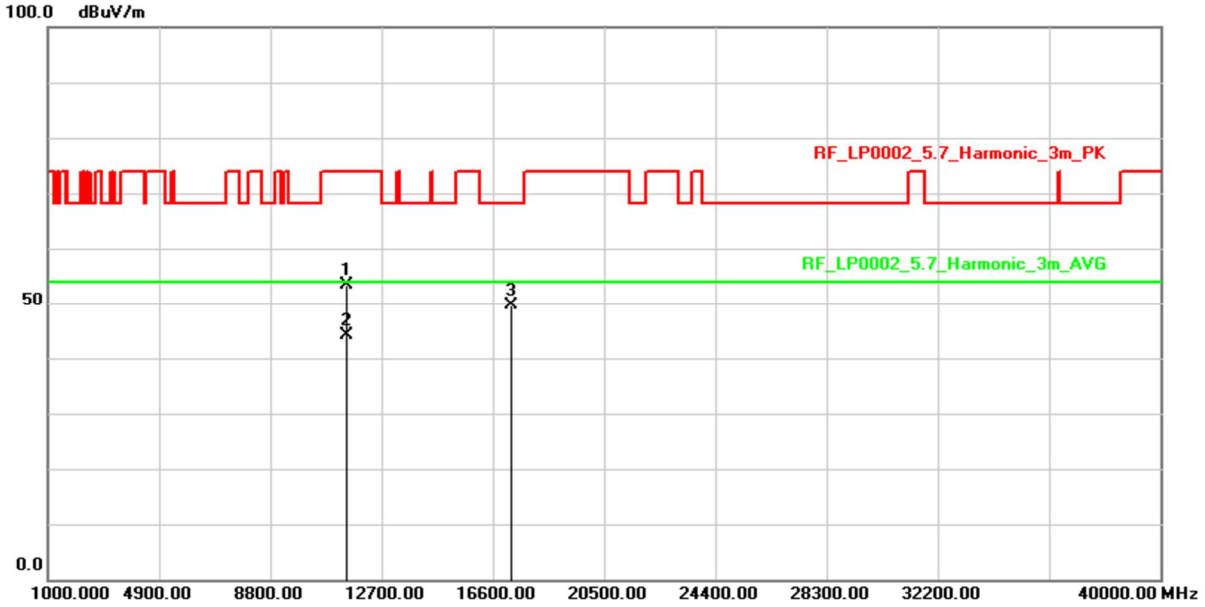


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	62.26	-11.11	51.15	74.00	-22.85	peak
2	17235.000	53.24	-4.10	49.14	68.20	-19.06	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH149(5745MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

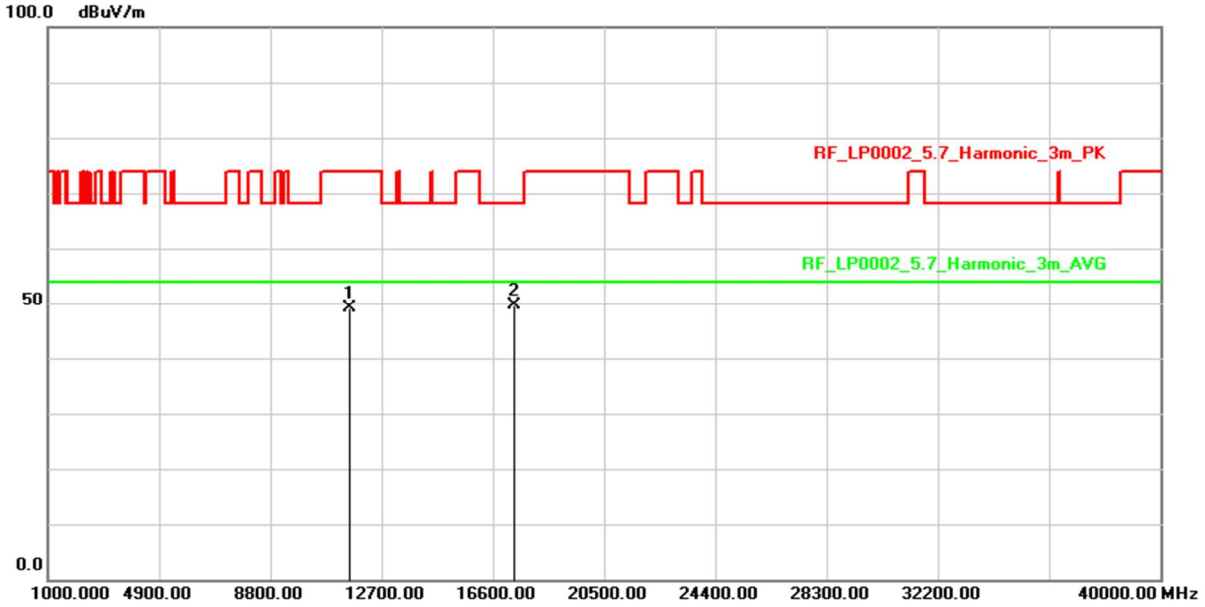


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	64.49	-11.11	53.38	74.00	-20.62	peak
2	11490.000	55.16	-11.11	44.05	54.00	-9.95	AVG
3	17235.000	53.69	-4.10	49.59	68.20	-18.61	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH157(5785MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

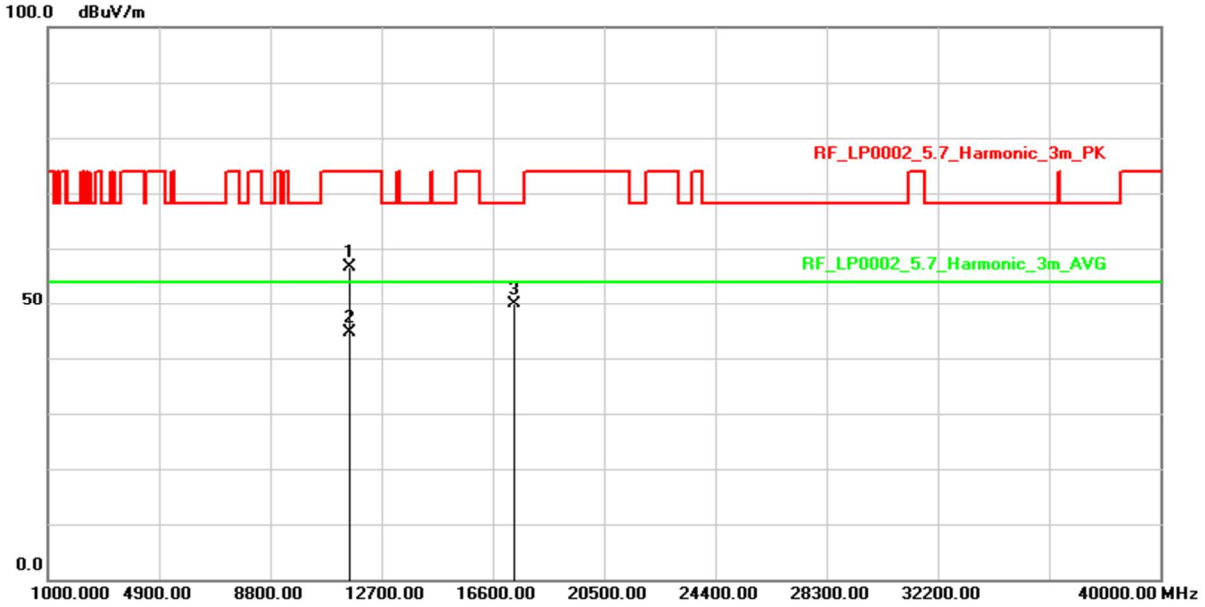


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	60.44	-11.25	49.19	74.00	-24.81	peak
2	17355.000	52.97	-3.46	49.51	68.20	-18.69	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 17 日
Test Channel :	CH157(5785MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

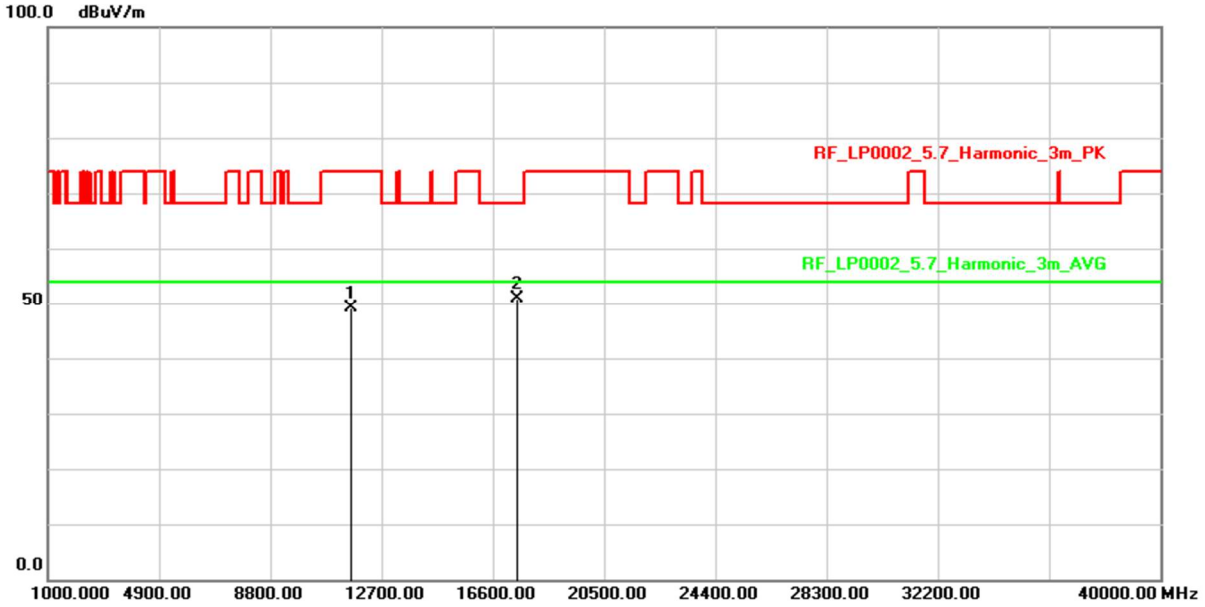


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	67.90	-11.25	56.65	74.00	-17.35	peak
2	11570.000	55.93	-11.25	44.68	54.00	-9.32	AVG
3	17355.000	53.22	-3.46	49.76	68.20	-18.44	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH165(5825MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

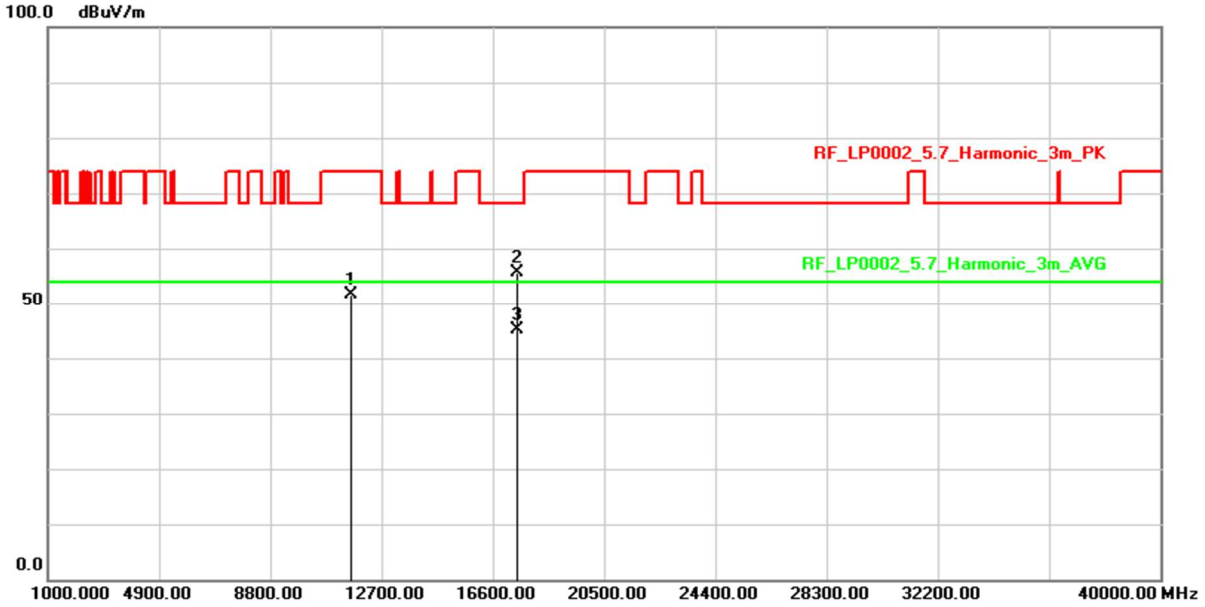


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	60.67	-11.53	49.14	74.00	-24.86	peak
2	17475.000	53.46	-2.47	50.99	68.20	-17.21	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH165(5825MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

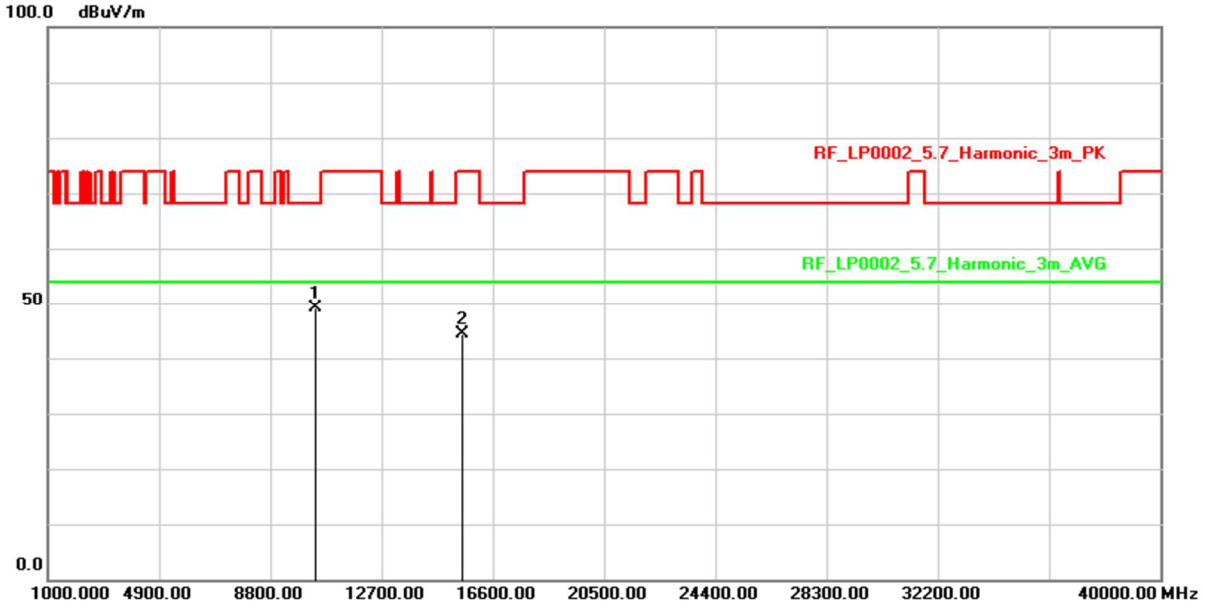


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	63.11	-11.53	51.58	74.00	-22.42	peak
2	17475.000	58.08	-2.47	55.61	68.20	-12.59	peak
3	17475.000	47.62	-2.47	45.15	54.00	-8.85	AVG

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	Test Date :	110 年 12 月 16 日
Test Channel :	CH36(5180MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

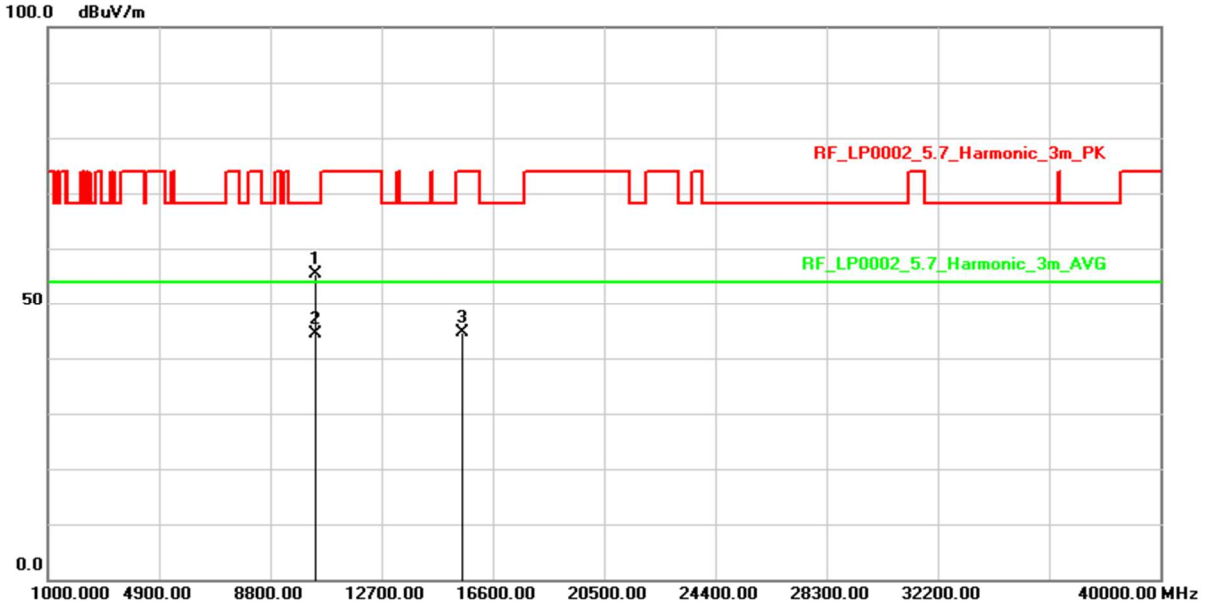


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	60.84	-11.71	49.13	68.20	-19.07	peak
2	15540.000	54.29	-9.94	44.35	74.00	-29.65	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH36(5180MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

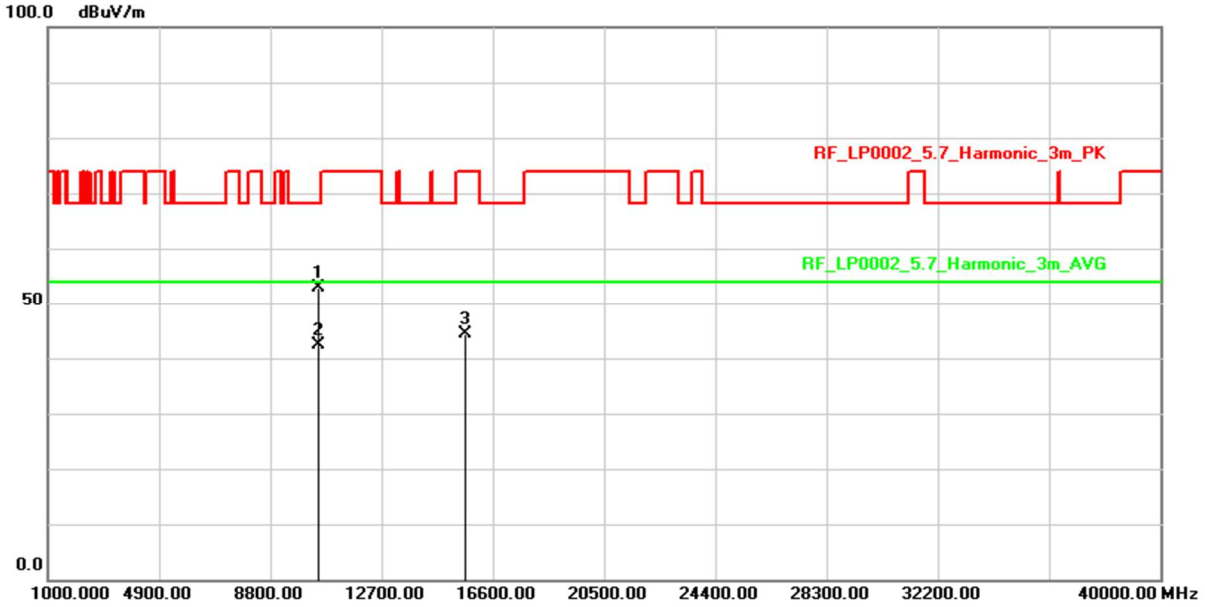


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	67.02	-11.71	55.31	68.20	-12.89	peak
2	10360.000	56.08	-11.71	44.37	54.00	-9.63	AVG
3	15540.000	54.48	-9.94	44.54	74.00	-29.46	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH44(5220MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

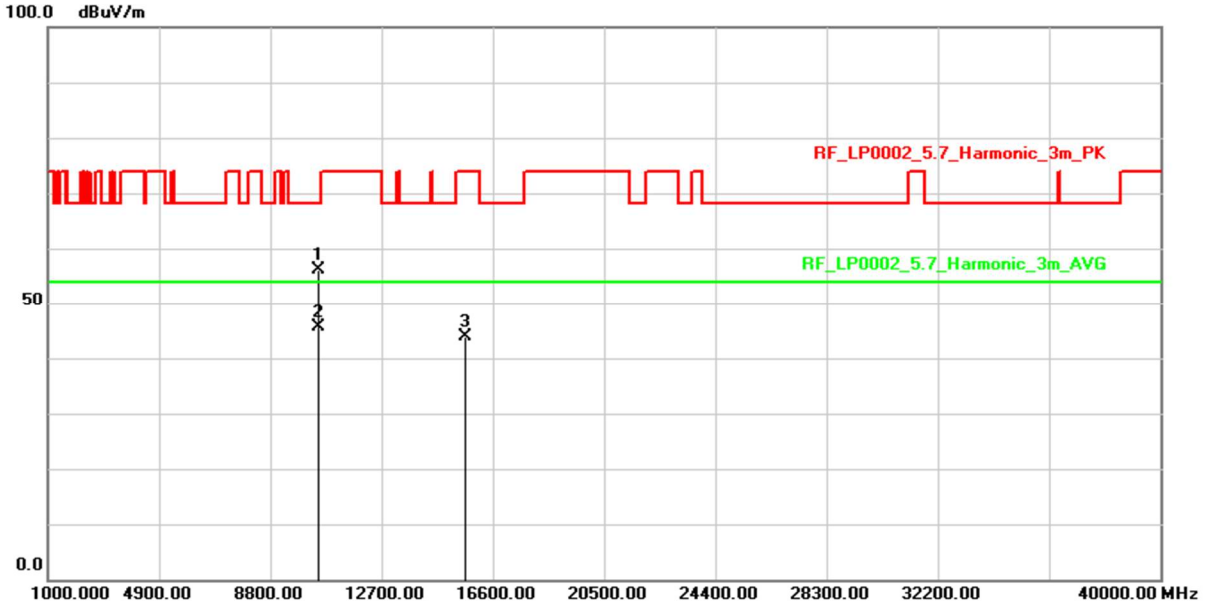


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10440.000	64.51	-11.53	52.98	68.20	-15.22	peak
2	10440.000	54.00	-11.53	42.47	68.20	-25.73	peak
3	15660.000	54.28	-9.90	44.38	74.00	-29.62	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH44(5220MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

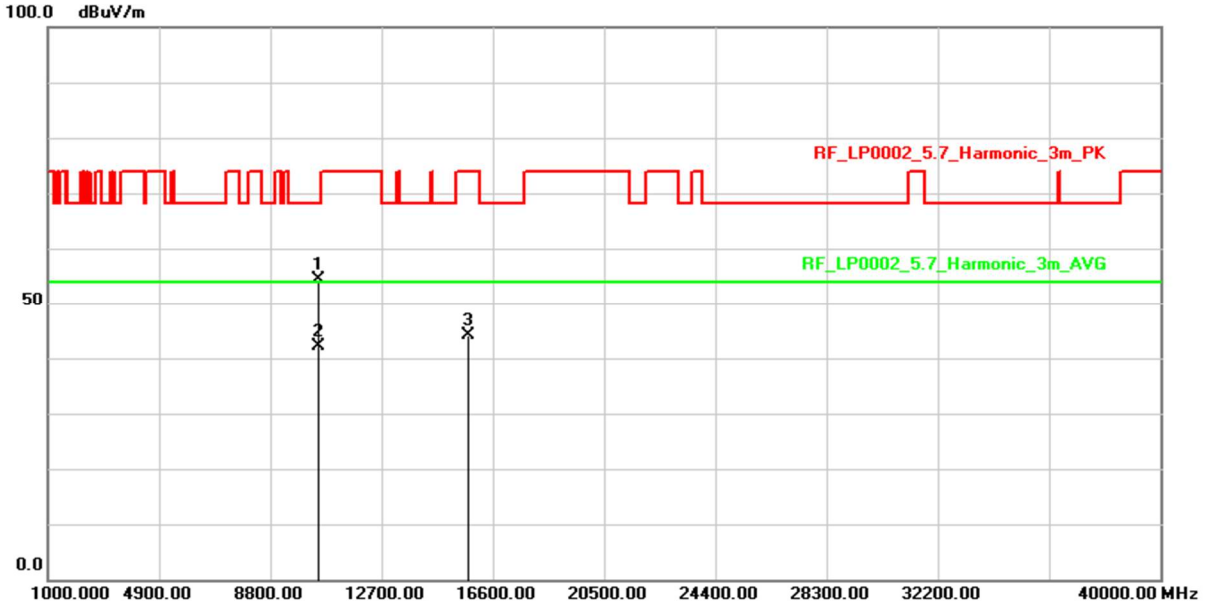


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10440.000	67.78	-11.53	56.25	68.20	-11.95	peak
2	10440.000	57.23	-11.53	45.70	54.00	-8.30	AVG
3	15660.000	53.66	-9.90	43.76	74.00	-30.24	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	Test Date :	110 年 12 月 16 日
Test Channel :	CH48(5240MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

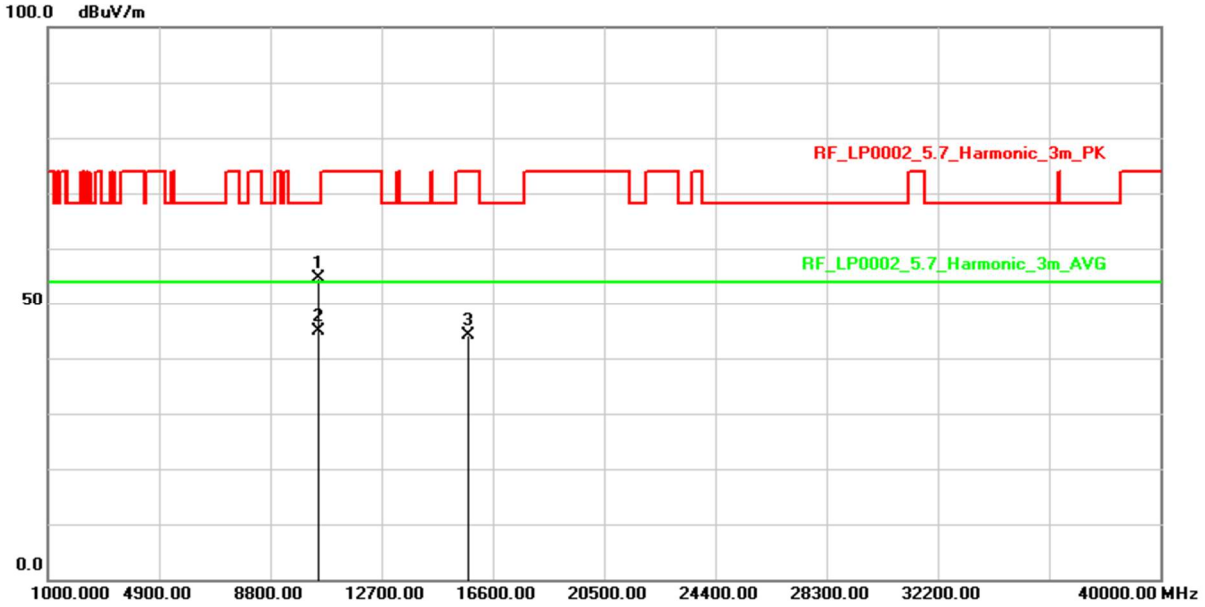


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	65.73	-11.34	54.39	68.20	-13.81	peak
2	10480.000	53.37	-11.34	42.03	68.20	-26.17	peak
3	15720.000	53.85	-9.73	44.12	74.00	-29.88	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH48(5240MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

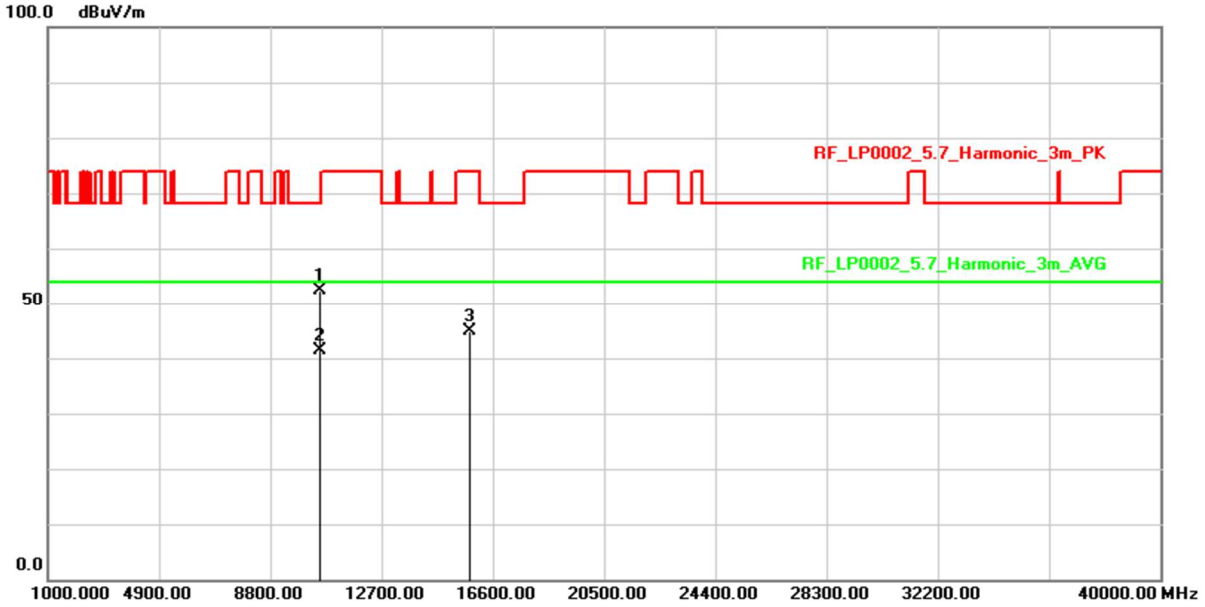


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	65.96	-11.34	54.62	68.20	-13.58	peak
2	10480.000	56.21	-11.34	44.87	54.00	-9.13	AVG
3	15720.000	53.86	-9.73	44.13	74.00	-29.87	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH52(5260MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

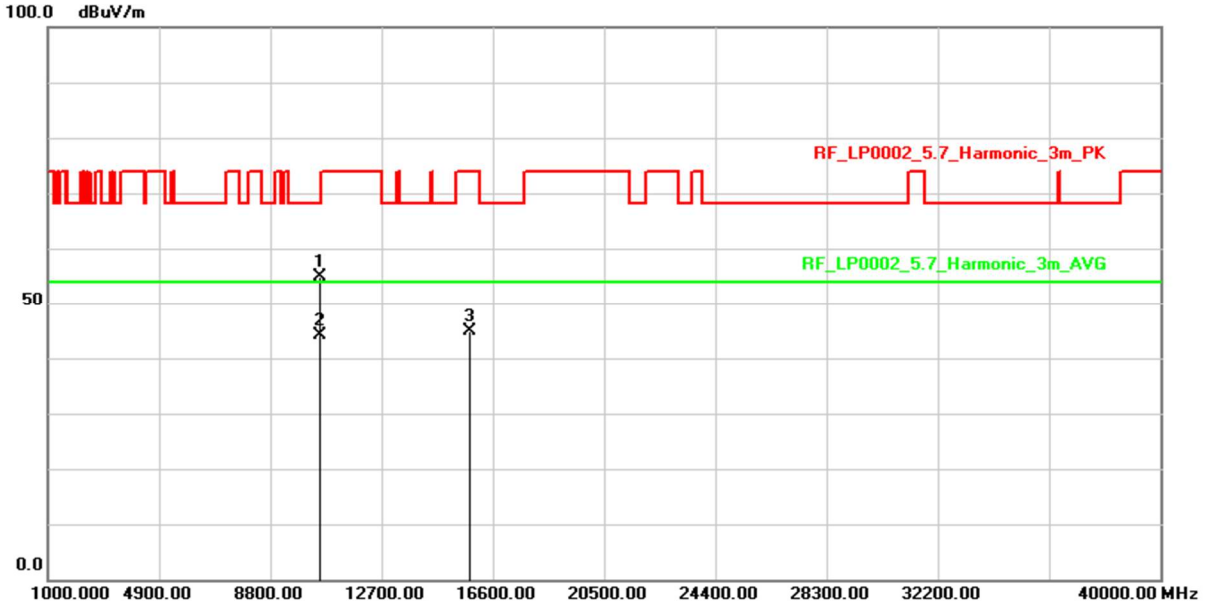


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	63.78	-11.32	52.46	68.20	-15.74	peak
2	10520.000	52.76	-11.32	41.44	54.00	-12.56	AVG
3	15780.000	54.62	-9.65	44.97	74.00	-29.03	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH52(5260MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

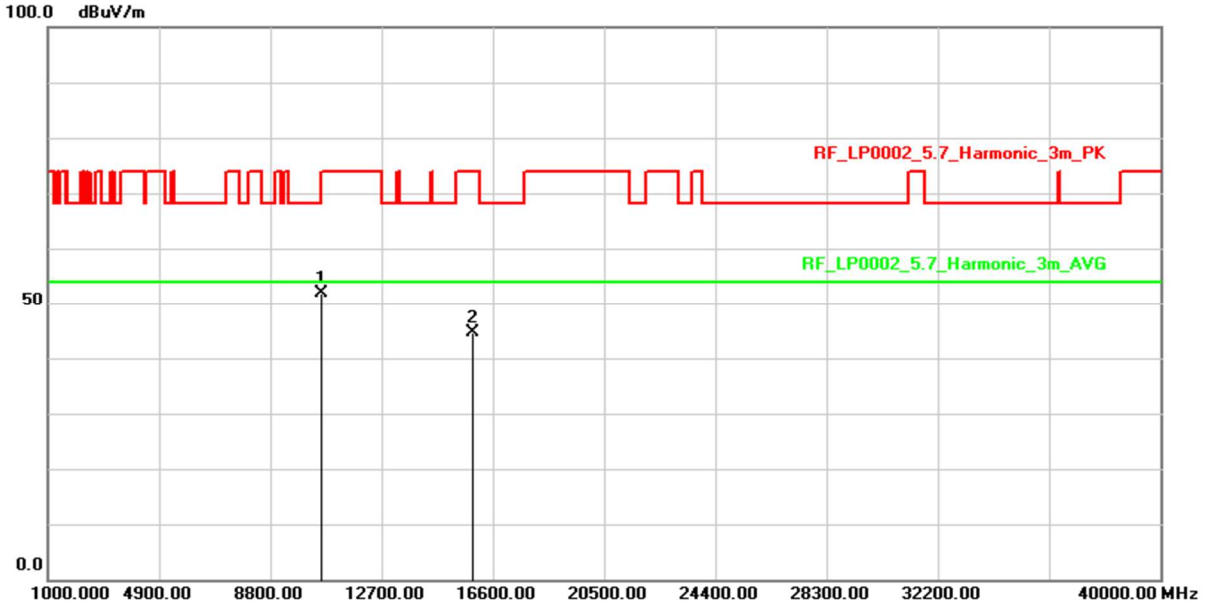


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	66.10	-11.32	54.78	68.20	-13.42	peak
2	10520.000	55.44	-11.32	44.12	68.20	-24.08	peak
3	15780.000	54.41	-9.65	44.76	74.00	-29.24	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH60(5300MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

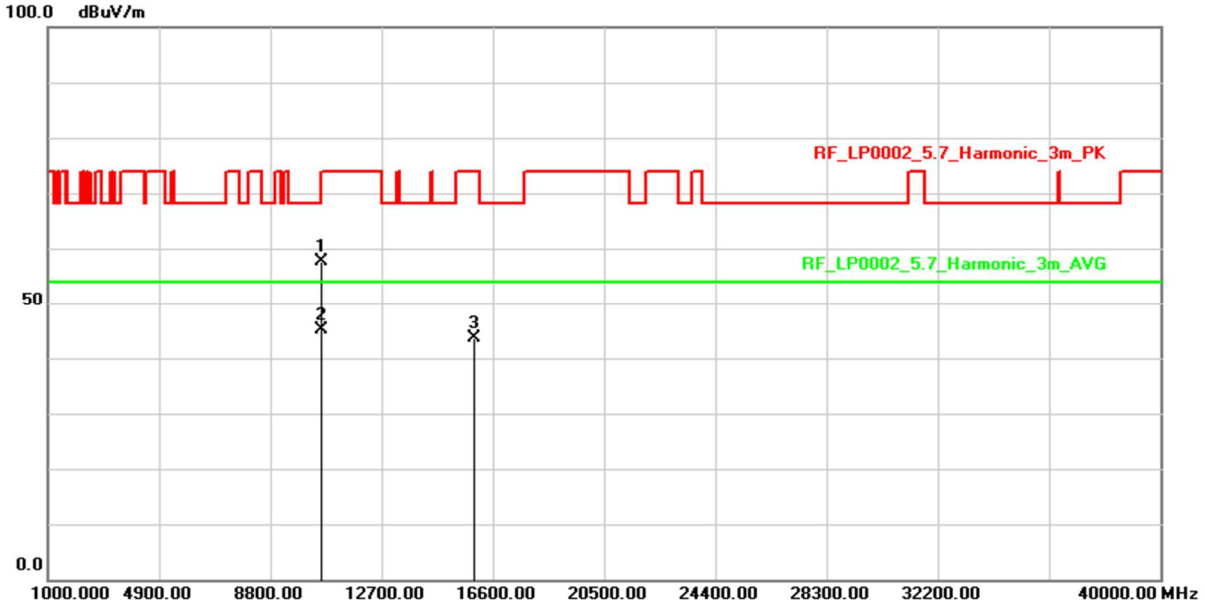


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	63.57	-11.60	51.97	68.20	-16.23	peak
2	15900.000	54.11	-9.58	44.53	74.00	-29.47	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	Test Date :	110 年 12 月 16 日
Test Channel :	CH60(5300MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

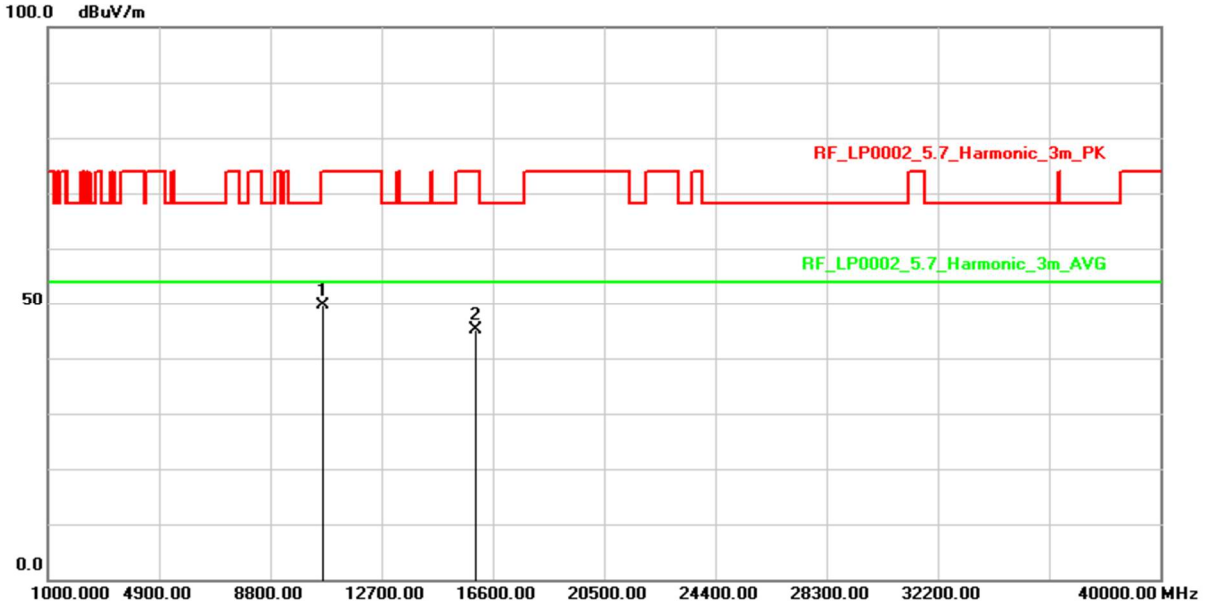


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	69.24	-11.60	57.64	68.20	-10.56	peak
2	10600.000	56.66	-11.60	45.06	54.00	-8.94	AVG
3	15900.000	53.18	-9.58	43.60	74.00	-30.40	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH64(5320MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

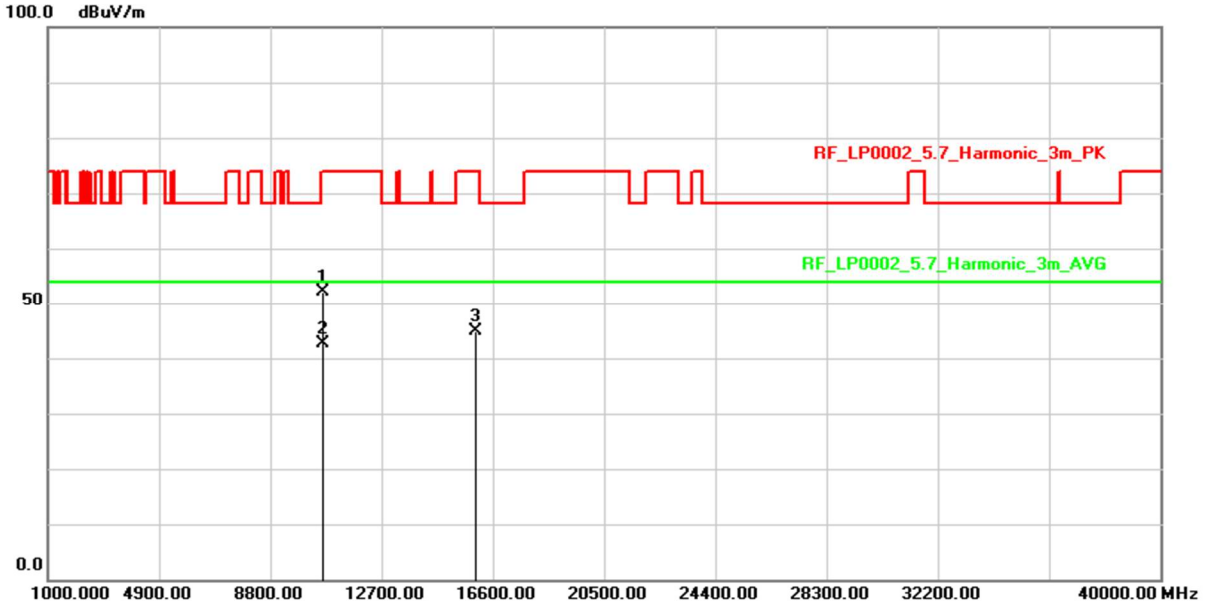


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	61.26	-11.54	49.72	74.00	-24.28	peak
2	15960.000	54.68	-9.50	45.18	74.00	-28.82	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 16 日
Test Channel :	CH64(5320MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

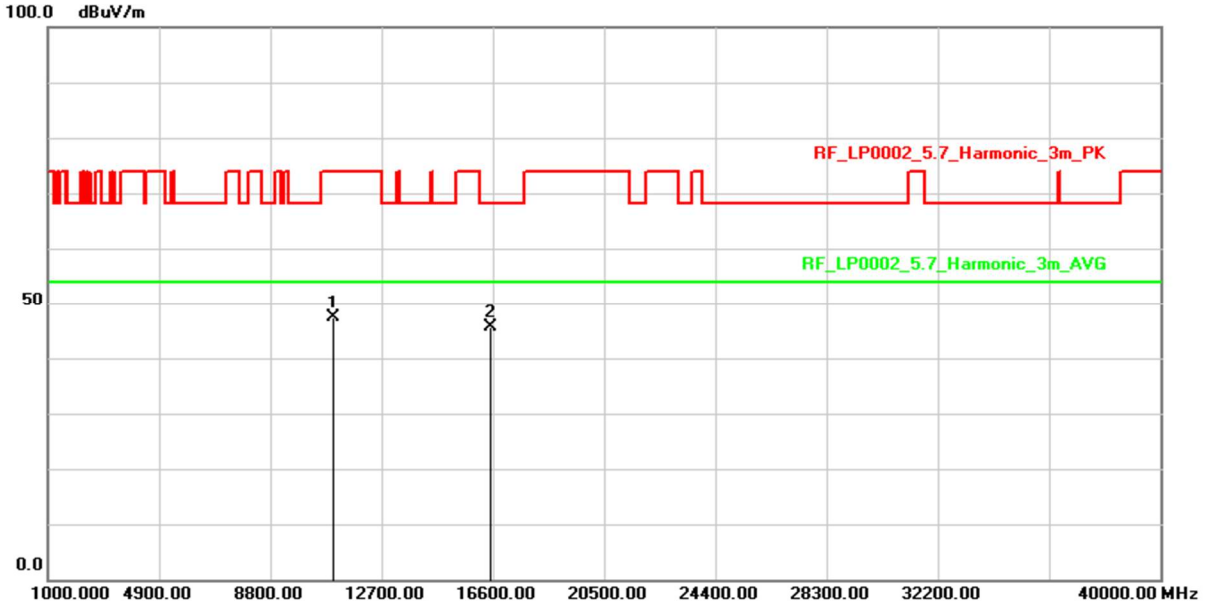


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	63.60	-11.54	52.06	74.00	-21.94	peak
2	10640.000	54.19	-11.54	42.65	54.00	-11.35	AVG
3	15960.000	54.41	-9.50	44.91	74.00	-29.09	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH100(5500MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

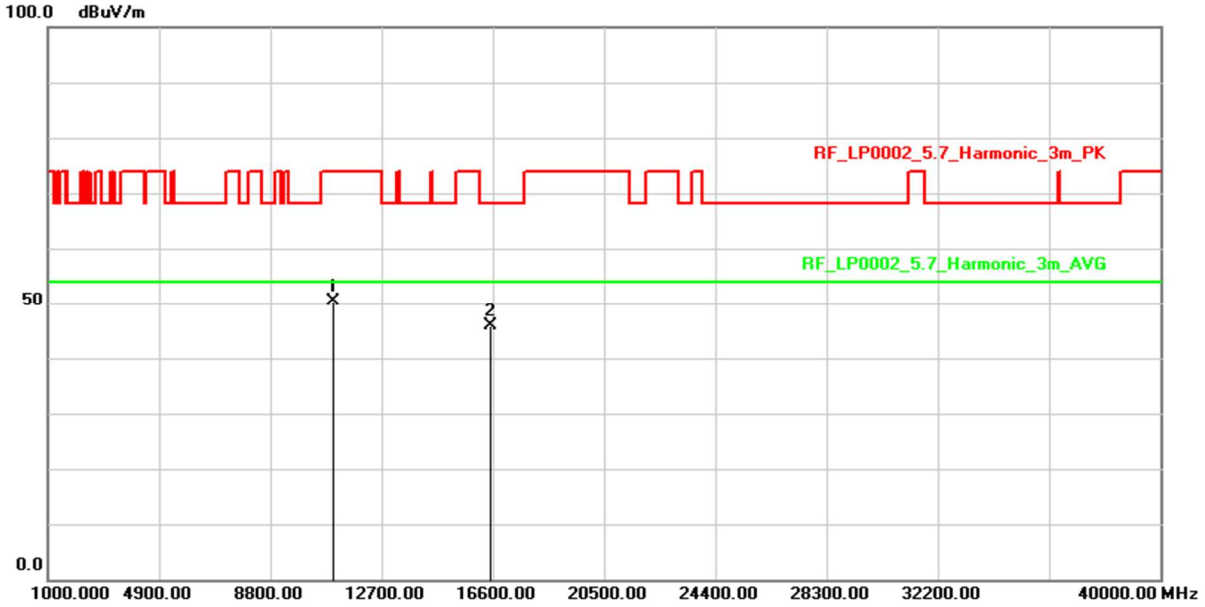


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	59.01	-11.54	47.47	74.00	-26.53	peak
2	16500.000	54.33	-8.73	45.60	68.20	-22.60	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH100(5500MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

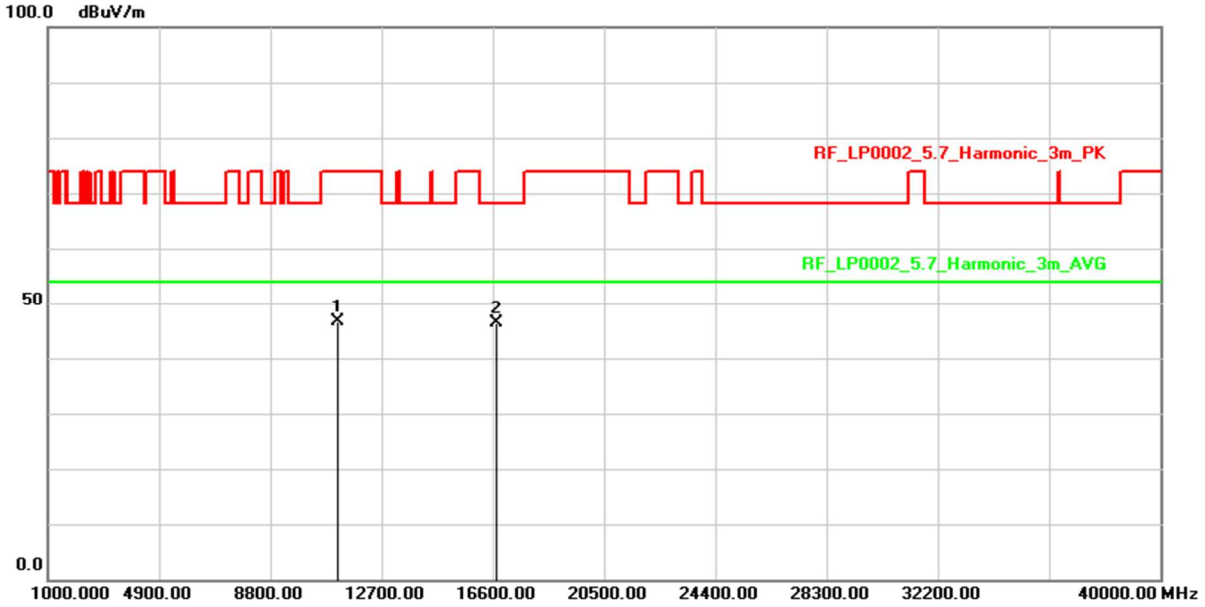


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	61.97	-11.54	50.43	74.00	-23.57	peak
2	16500.000	54.71	-8.73	45.98	68.20	-22.22	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH116(5580MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

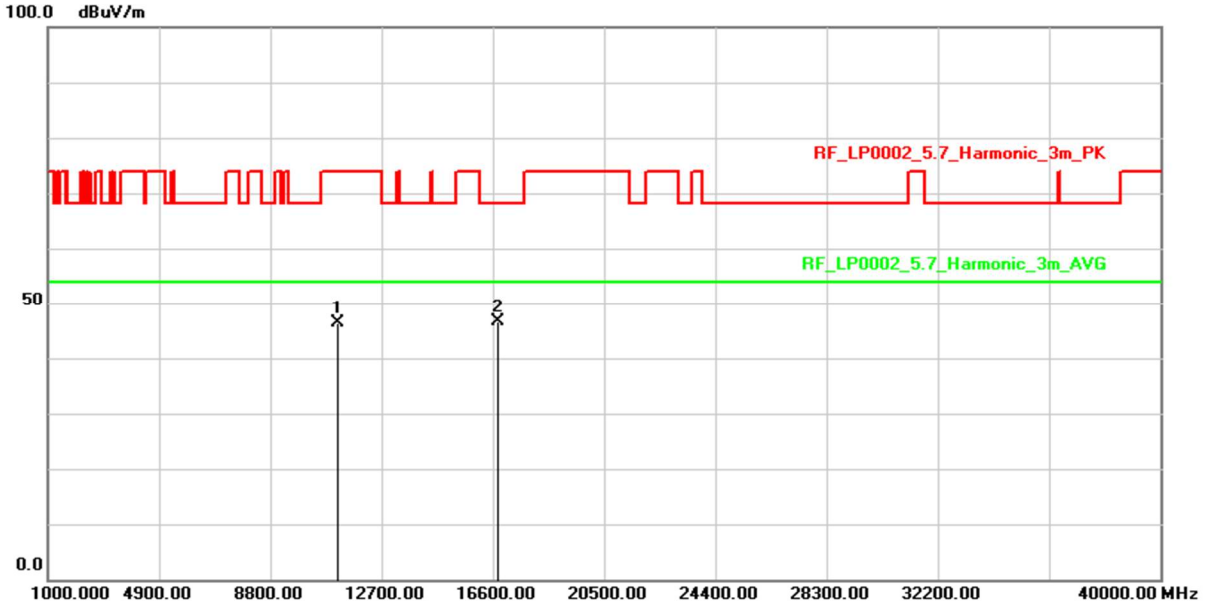


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11160.000	58.22	-11.57	46.65	74.00	-27.35	peak
2	16740.000	52.99	-6.66	46.33	68.20	-21.87	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH116(5580MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

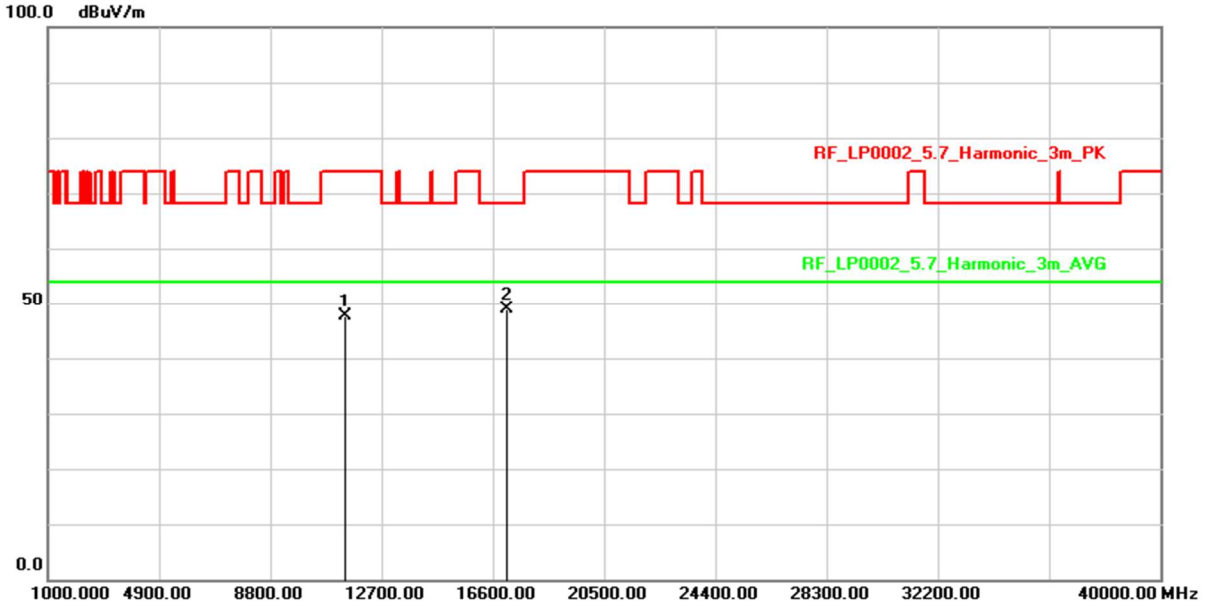


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11160.000	57.97	-11.57	46.40	74.00	-27.60	peak
2	16740.000	53.33	-6.66	46.67	68.20	-21.53	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH140(5700MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

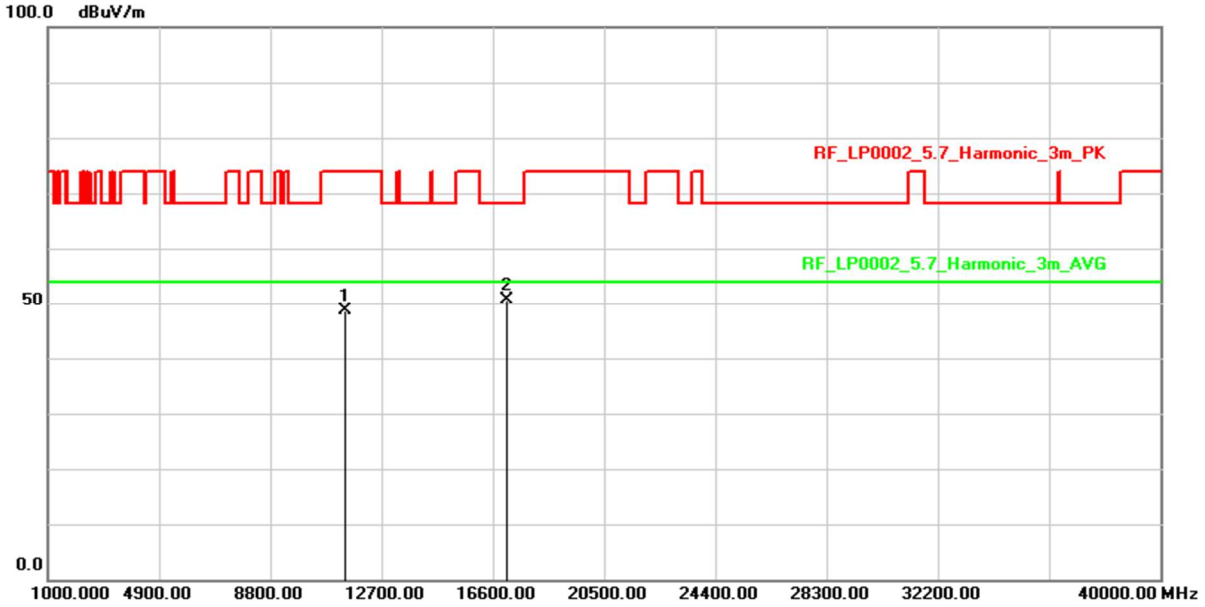


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	58.93	-11.31	47.62	74.00	-26.38	peak
2	17100.000	53.36	-4.53	48.83	68.20	-19.37	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH140(5700MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

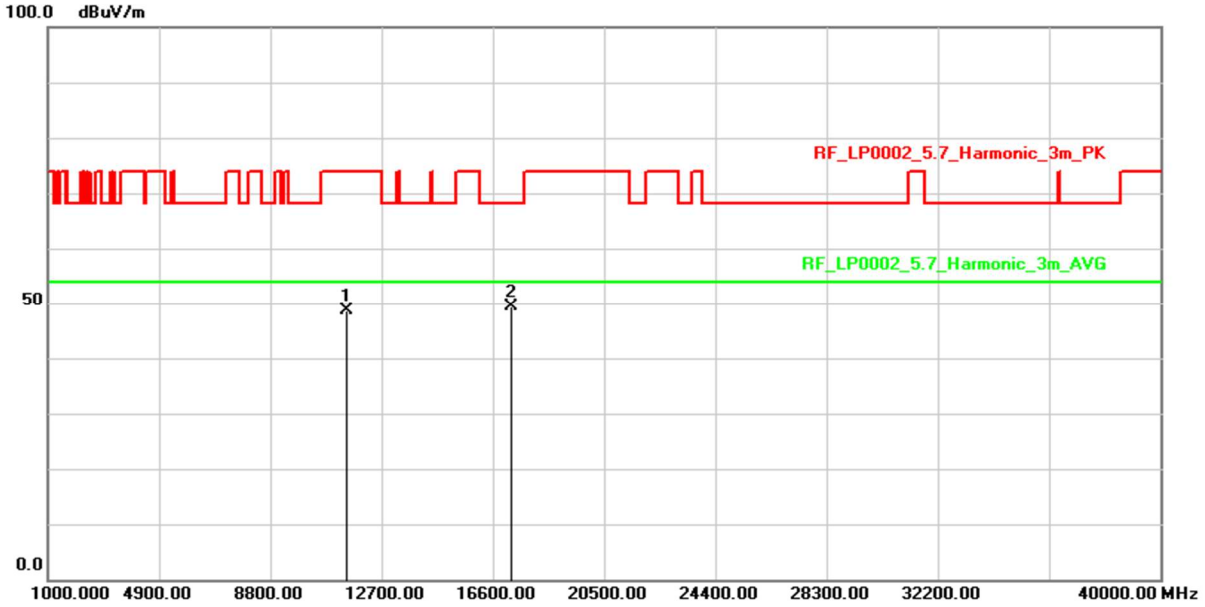


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	59.83	-11.31	48.52	74.00	-25.48	peak
2	17100.000	55.27	-4.53	50.74	68.20	-17.46	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH149(5745MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

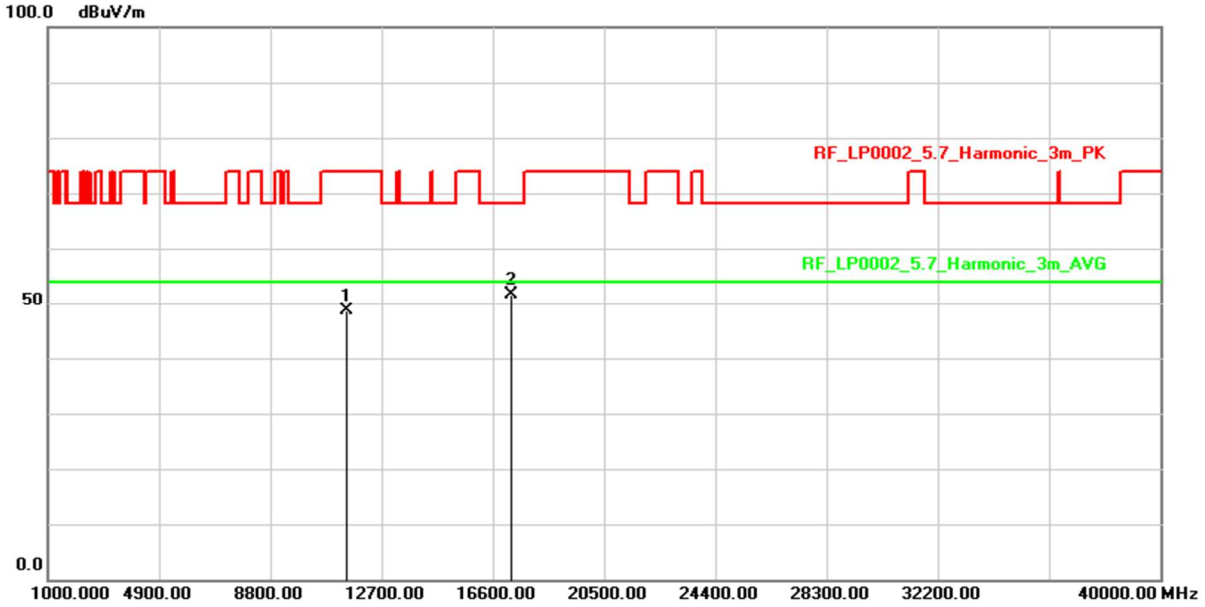


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	59.64	-11.11	48.53	74.00	-25.47	peak
2	17235.000	53.43	-4.10	49.33	68.20	-18.87	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH149(5745MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

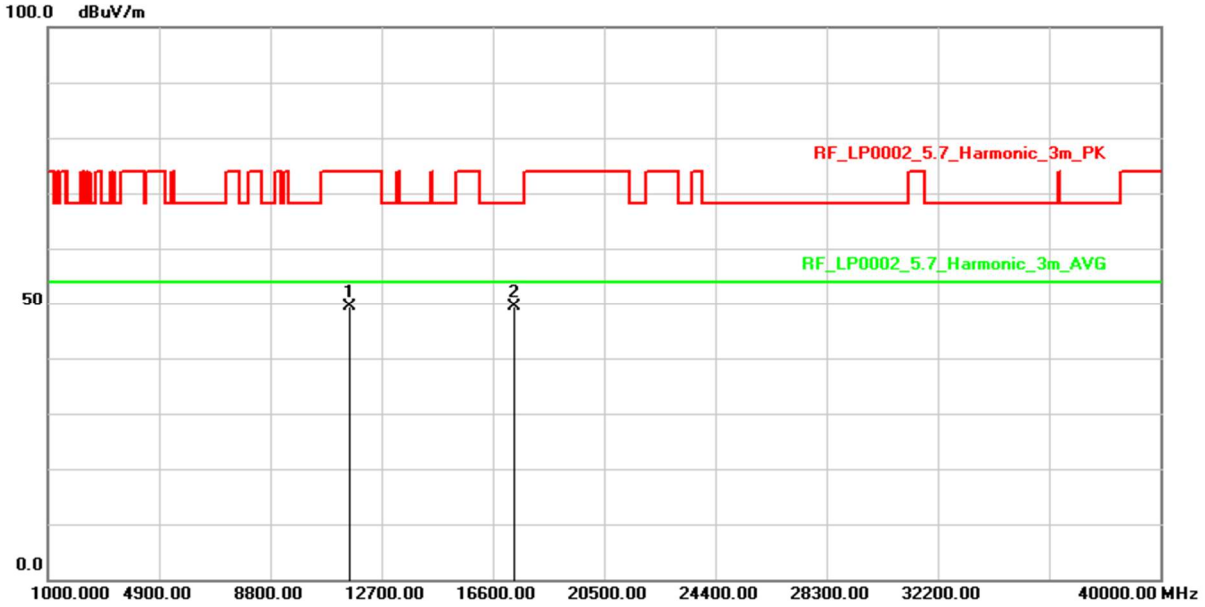


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	59.85	-11.11	48.74	74.00	-25.26	peak
2	17235.000	55.81	-4.10	51.71	68.20	-16.49	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH157(5785MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

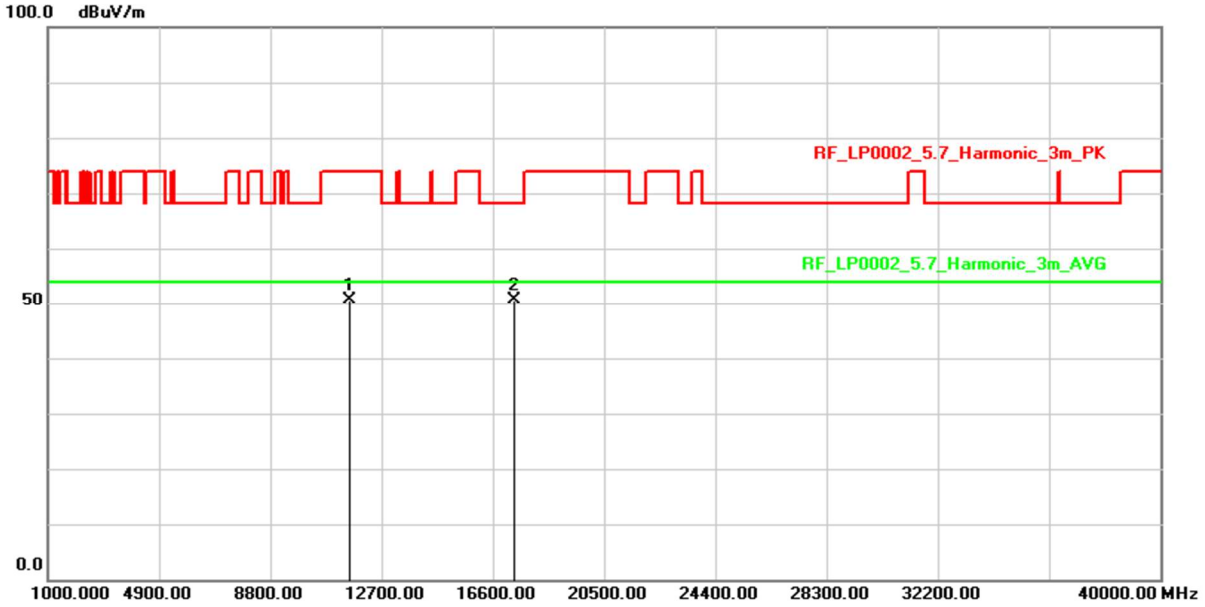


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	60.51	-11.25	49.26	74.00	-24.74	peak
2	17355.000	52.80	-3.46	49.34	68.20	-18.86	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH157(5785MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

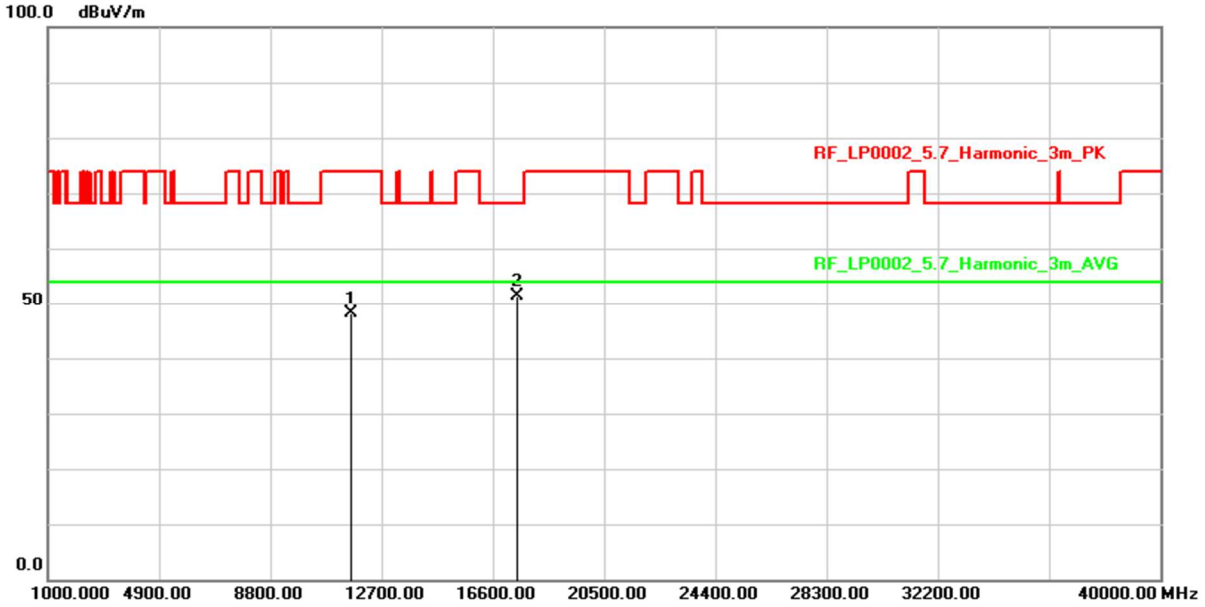


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	61.97	-11.25	50.72	74.00	-23.28	peak
2	17355.000	53.99	-3.46	50.53	68.20	-17.67	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH165(5825MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

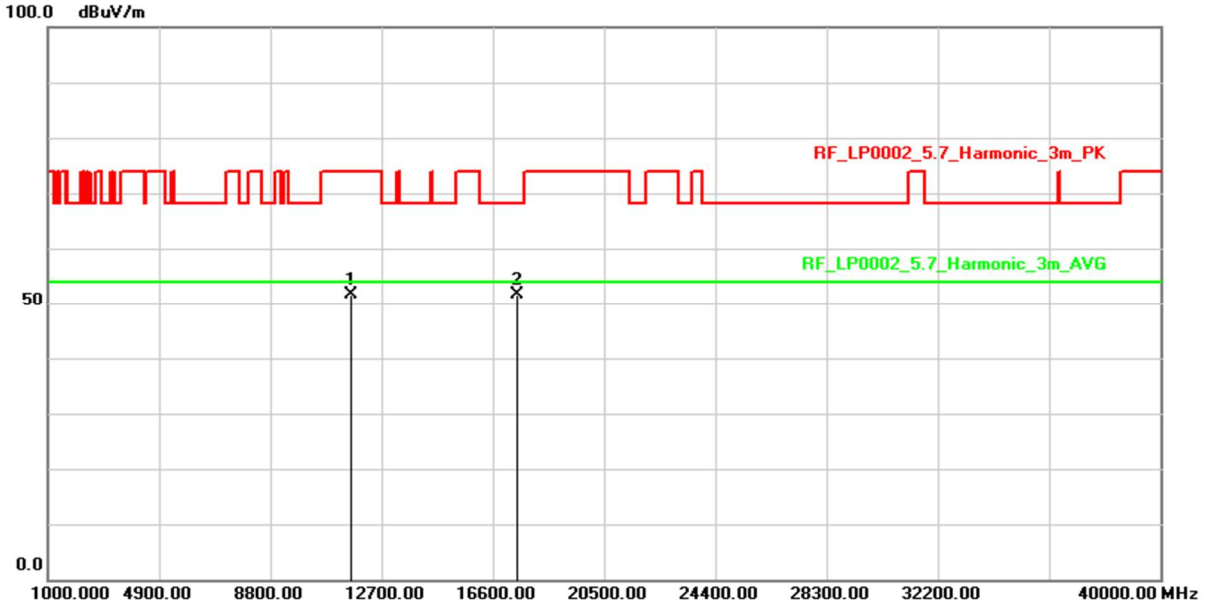


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	59.56	-11.53	48.03	74.00	-25.97	peak
2 *	17475.000	53.73	-2.47	51.26	68.20	-16.94	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11ac VHT20)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH165(5825MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

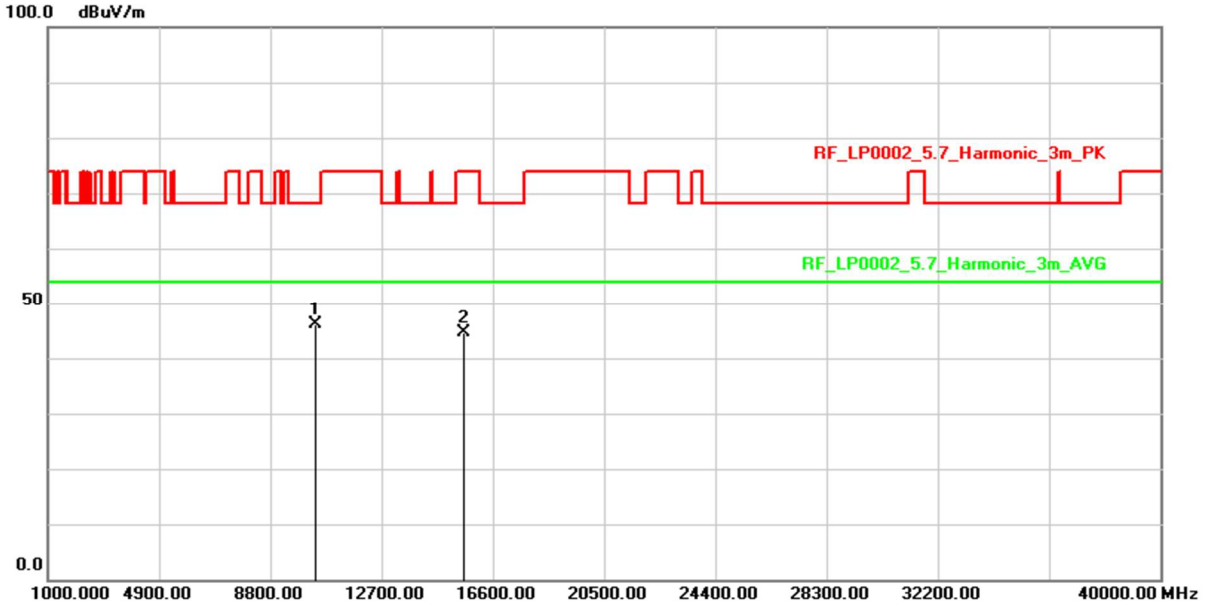


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	63.23	-11.53	51.70	74.00	-22.30	peak
2	17475.000	54.08	-2.47	51.61	68.20	-16.59	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH38(5190MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

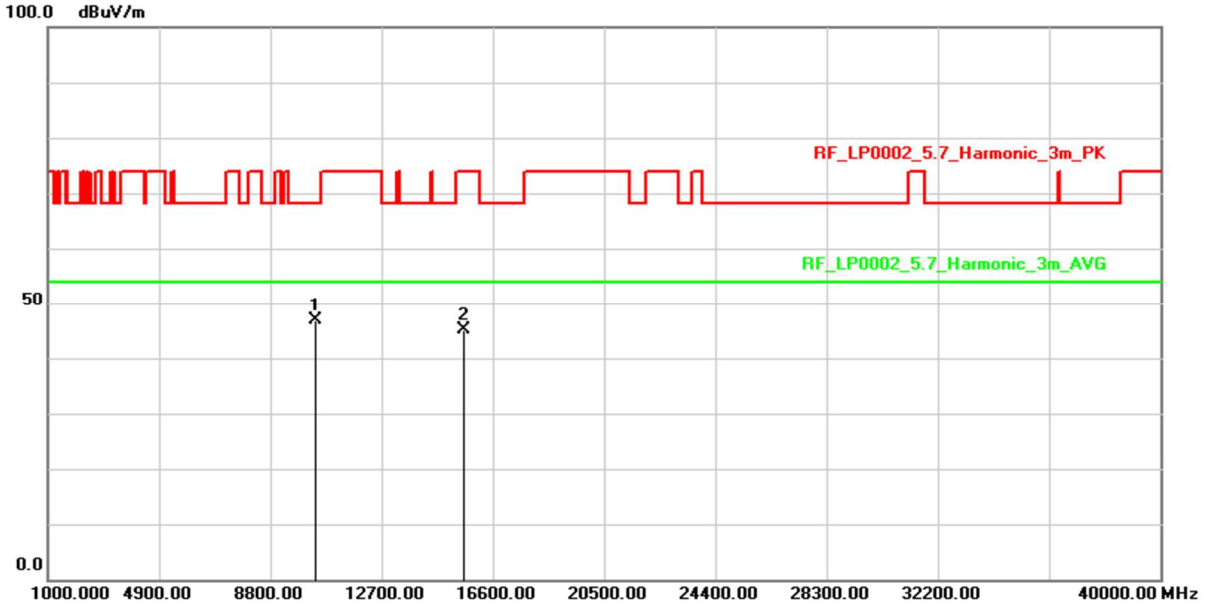


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	57.88	-11.71	46.17	68.20	-22.03	peak
2	15570.000	54.59	-10.02	44.57	74.00	-29.43	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	Test Date :	110 年 12 月 17 日
Test Channel :	CH38(5190MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

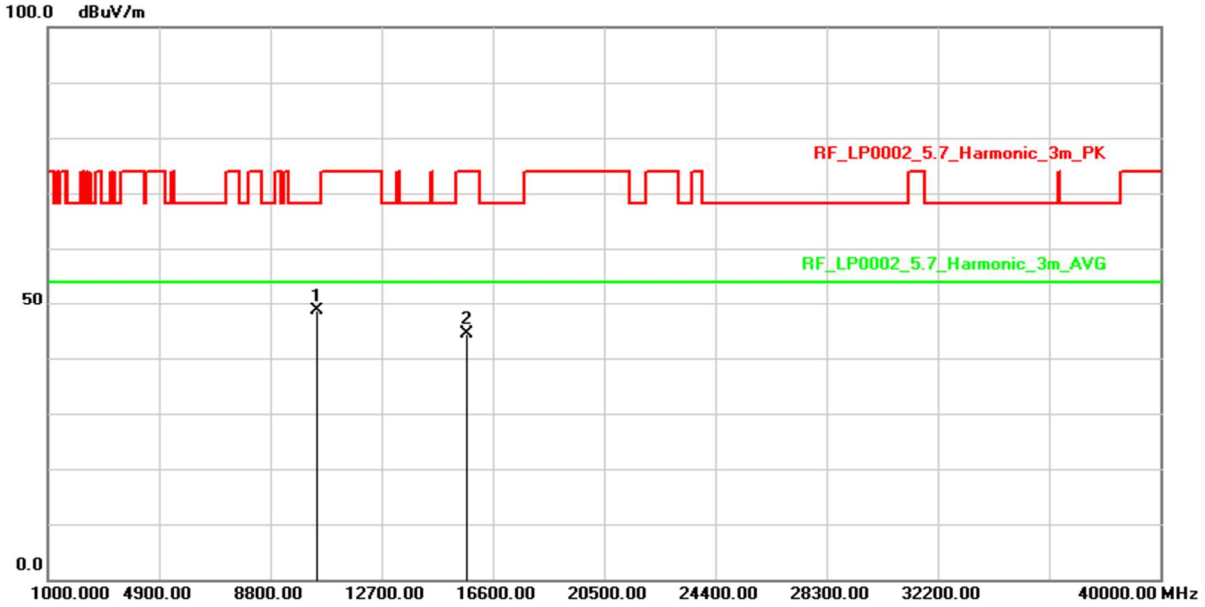


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	58.64	-11.71	46.93	68.20	-21.27	peak
2	15570.000	55.18	-10.02	45.16	74.00	-28.84	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH46(5230MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

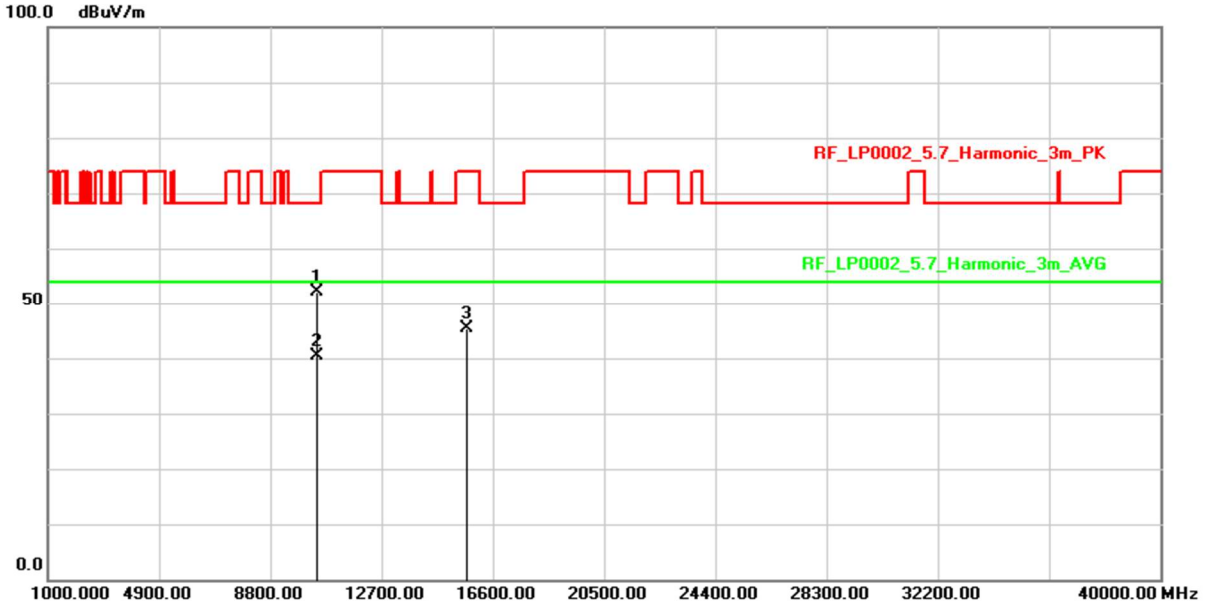


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	60.00	-11.44	48.56	68.20	-19.64	peak
2	15690.000	54.17	-9.79	44.38	74.00	-29.62	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	Test Date :	110 年 12 月 17 日
Test Channel :	CH46(5230MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

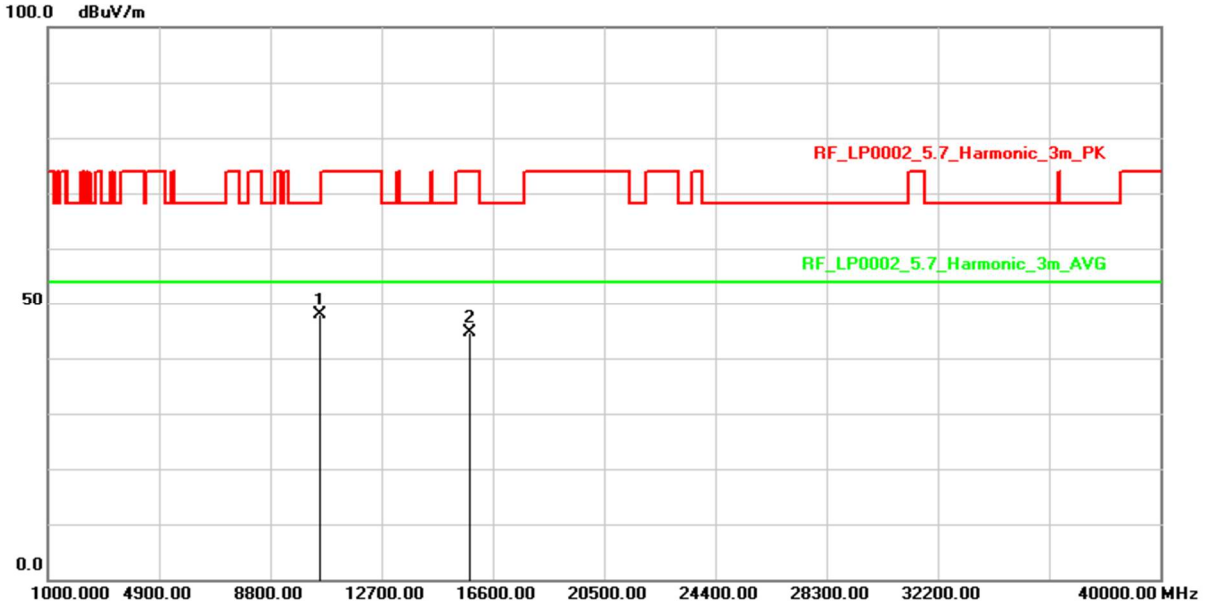


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	63.64	-11.44	52.20	68.20	-16.00	peak
2	10460.000	51.85	-11.44	40.41	54.00	-13.59	AVG
3	15690.000	55.28	-9.79	45.49	74.00	-28.51	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH54(5270MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

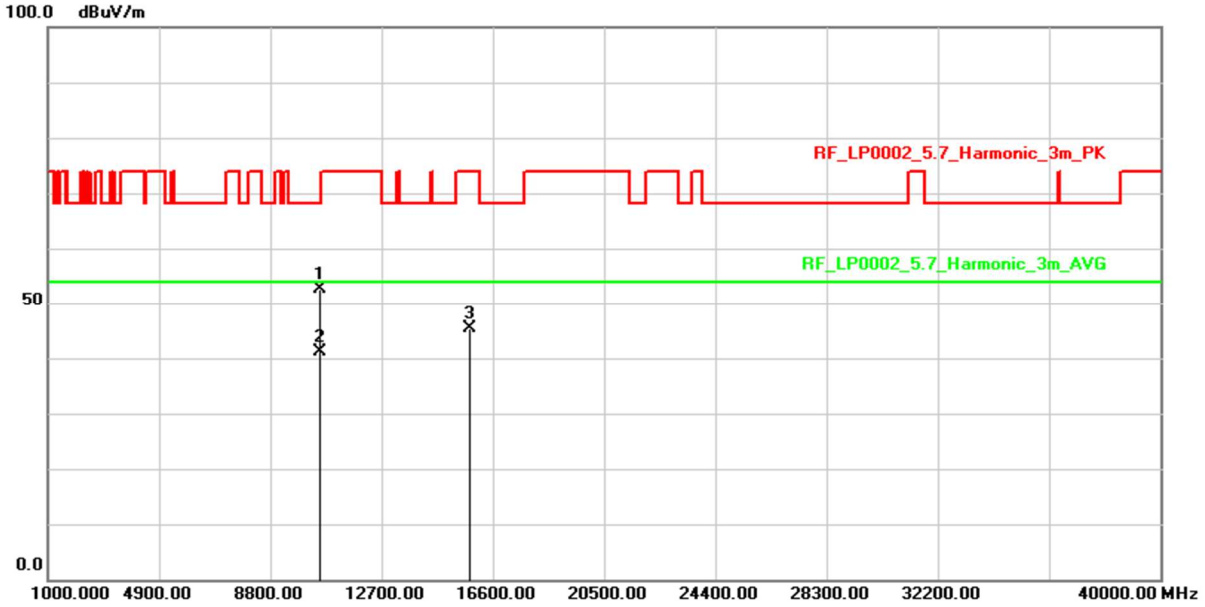


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	59.39	-11.39	48.00	68.20	-20.20	peak
2	15810.000	54.13	-9.62	44.51	74.00	-29.49	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	Test Date :	110 年 12 月 17 日
Test Channel :	CH54(5270MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

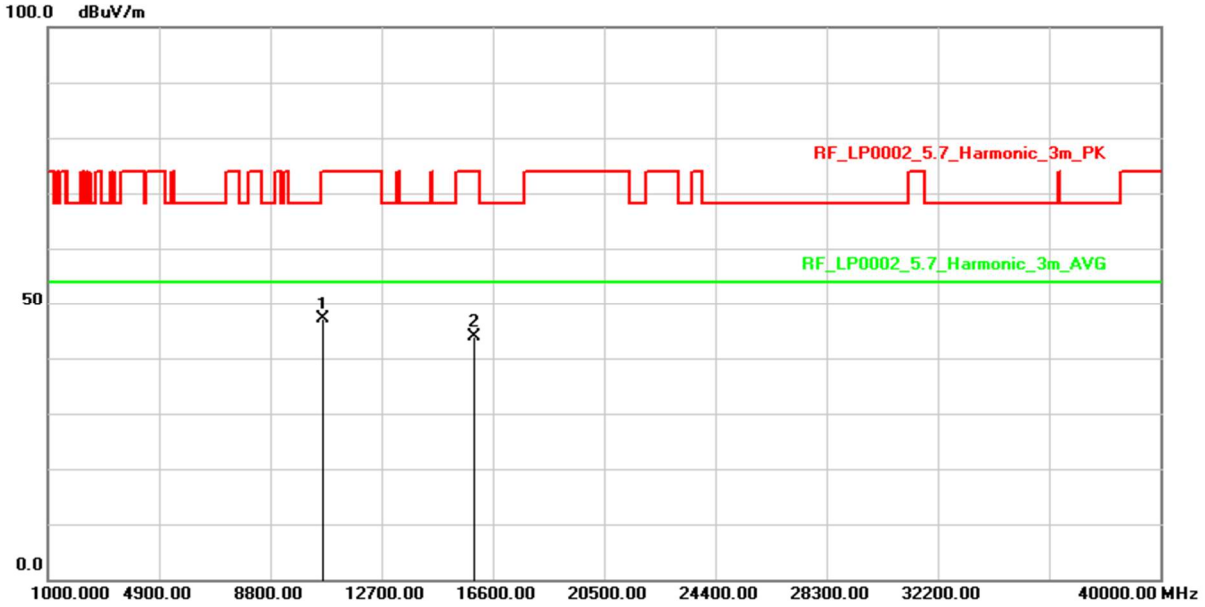


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	64.14	-11.39	52.75	68.20	-15.45	peak
2	10540.000	52.59	-11.39	41.20	54.00	-12.80	AVG
3	15810.000	54.98	-9.62	45.36	74.00	-28.64	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH62(5310MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

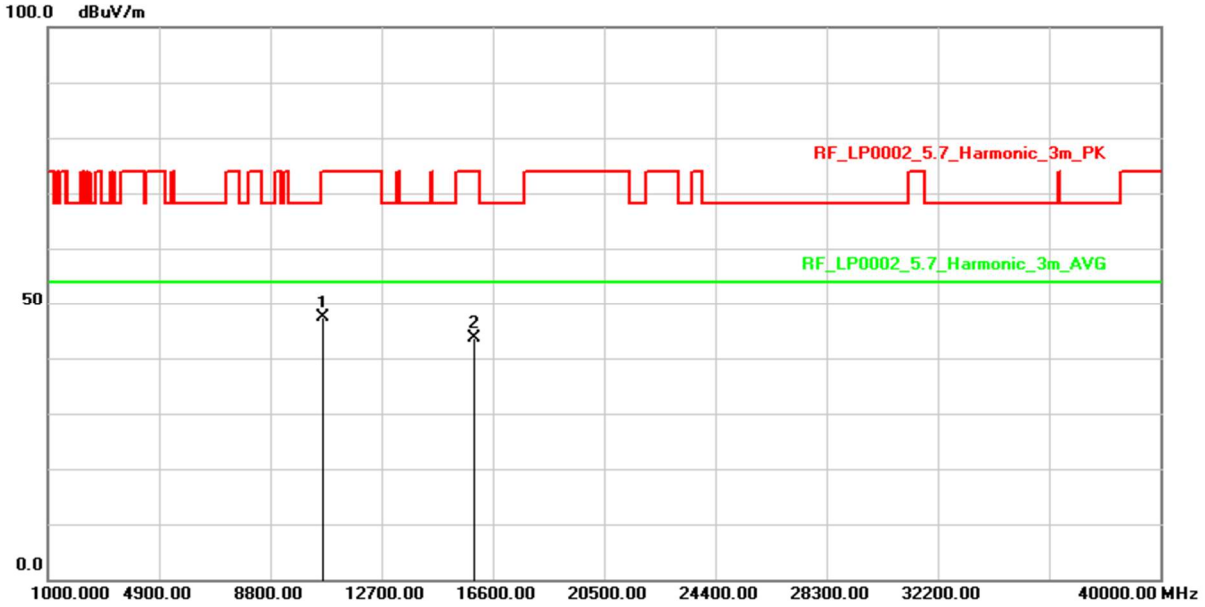


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	58.79	-11.57	47.22	74.00	-26.78	peak
2	15930.000	53.35	-9.54	43.81	74.00	-30.19	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH62(5310MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

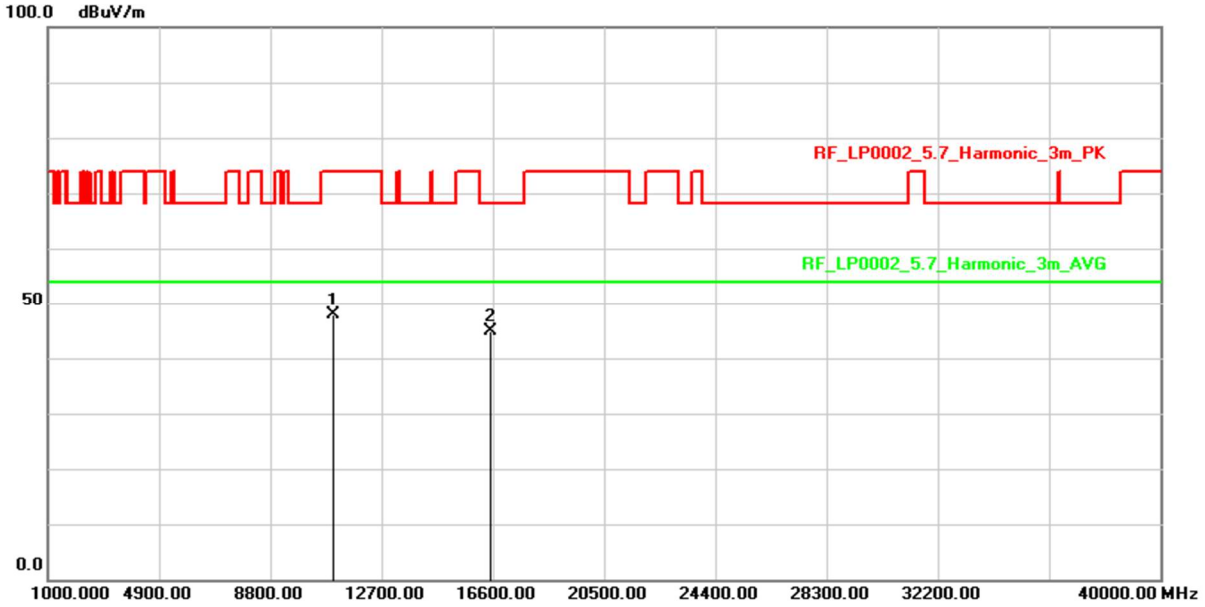


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	58.85	-11.57	47.28	74.00	-26.72	peak
2	15930.000	53.28	-9.54	43.74	74.00	-30.26	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH102(5510MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

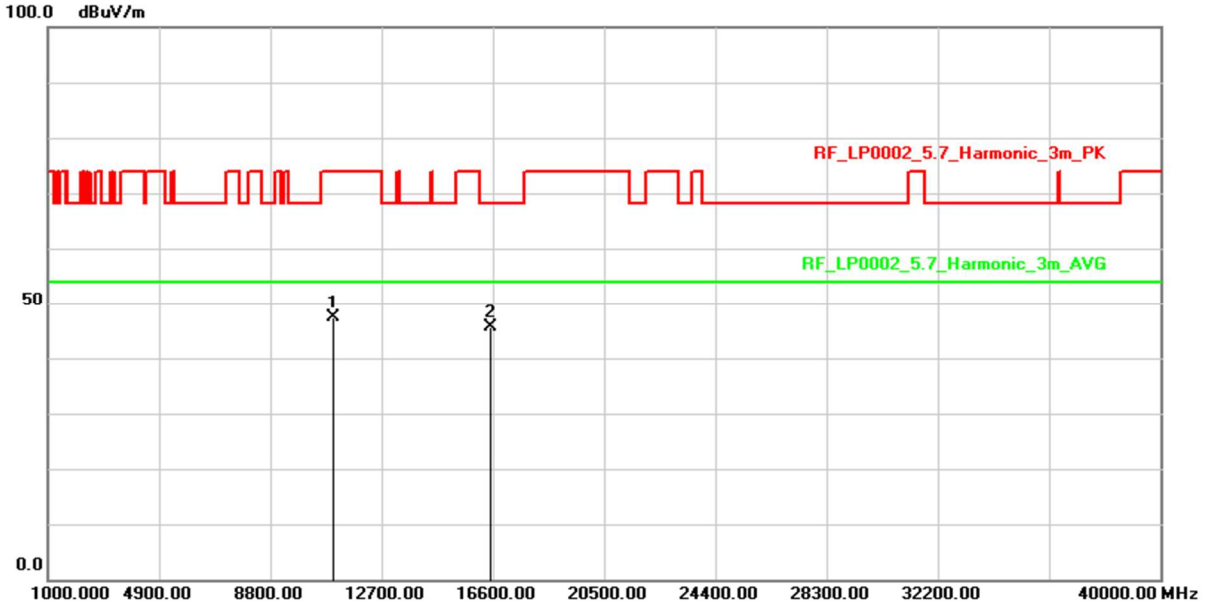


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	59.45	-11.51	47.94	74.00	-26.06	peak
2	16530.000	53.45	-8.48	44.97	68.20	-23.23	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH102(5510MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

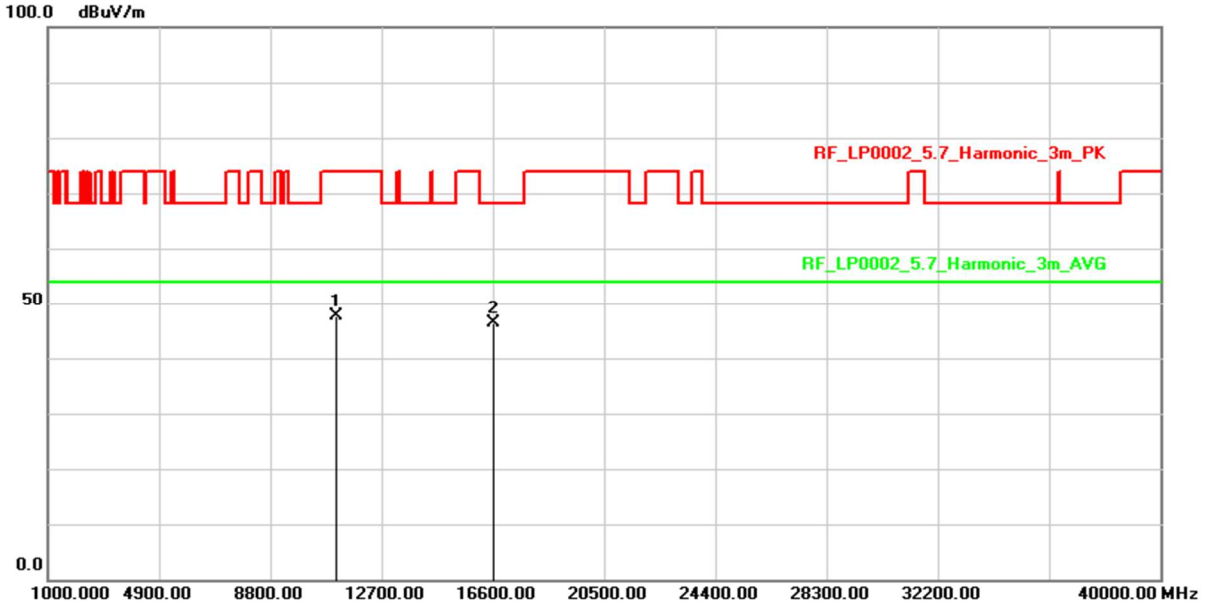


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	58.88	-11.51	47.37	74.00	-26.63	peak
2	16530.000	54.09	-8.48	45.61	68.20	-22.59	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH110(5550MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

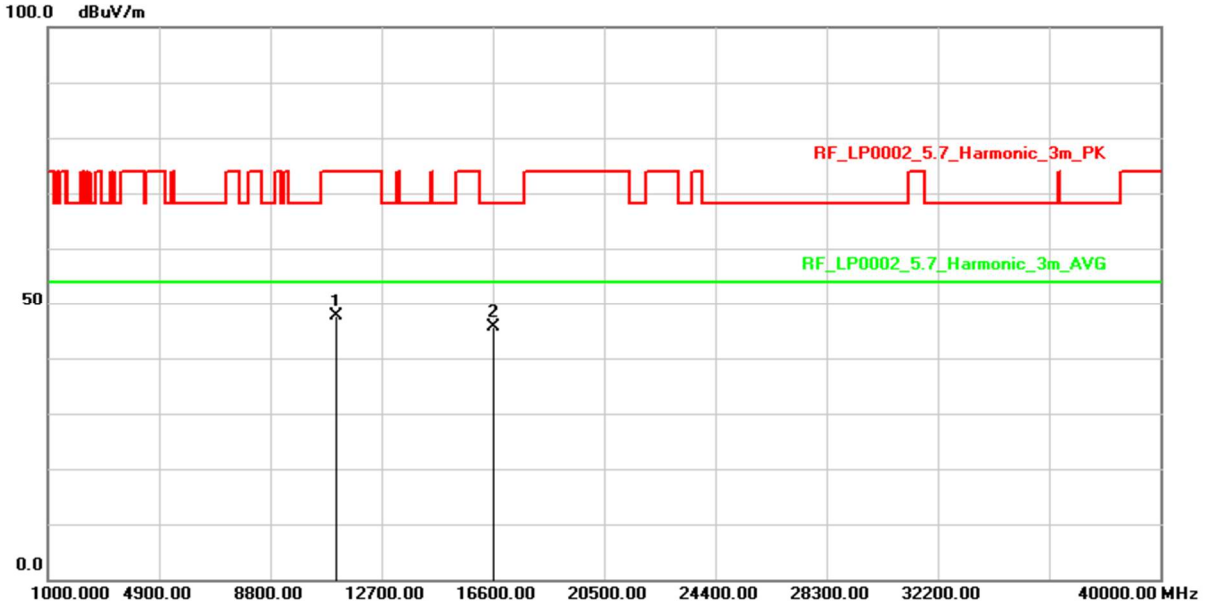


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	59.08	-11.41	47.67	74.00	-26.33	peak
2	16650.000	53.78	-7.46	46.32	68.20	-21.88	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH110(5550MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

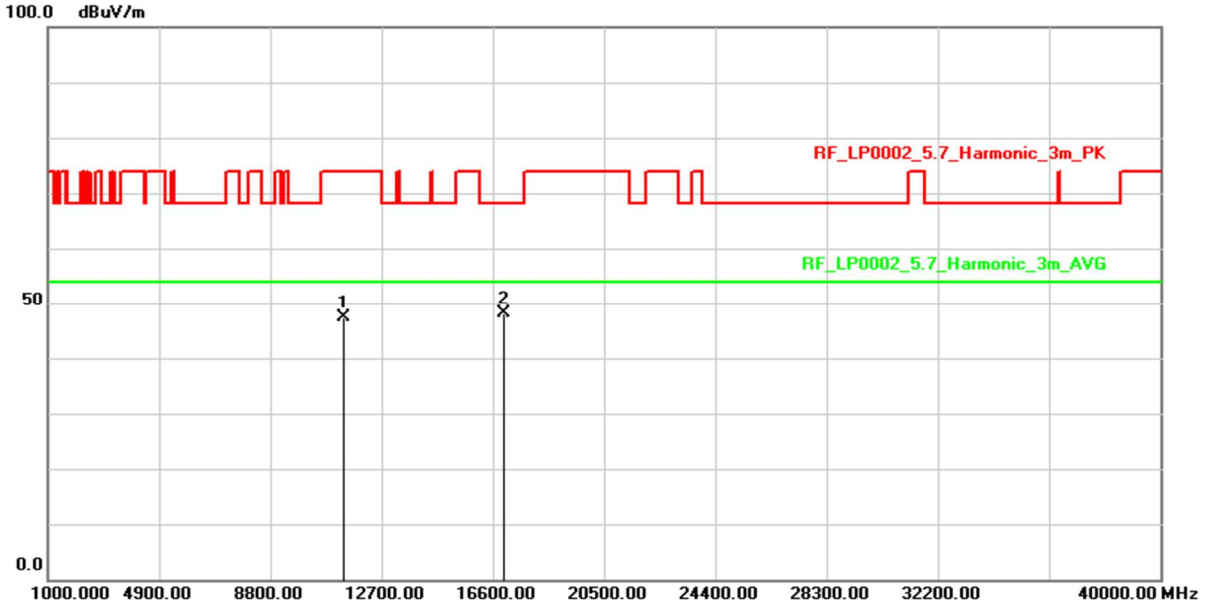


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	58.97	-11.41	47.56	74.00	-26.44	peak
2	16650.000	53.11	-7.46	45.65	68.20	-22.55	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH134(5670MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

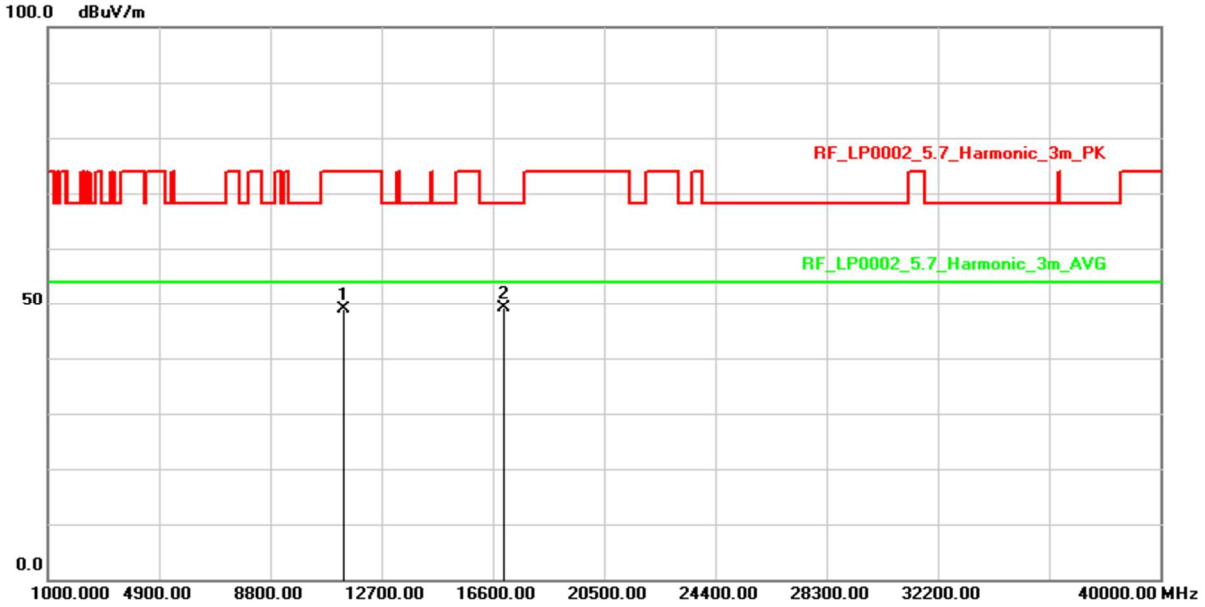


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	58.91	-11.51	47.40	74.00	-26.60	peak
2	17010.000	52.65	-4.61	48.04	68.20	-20.16	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH134(5670MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

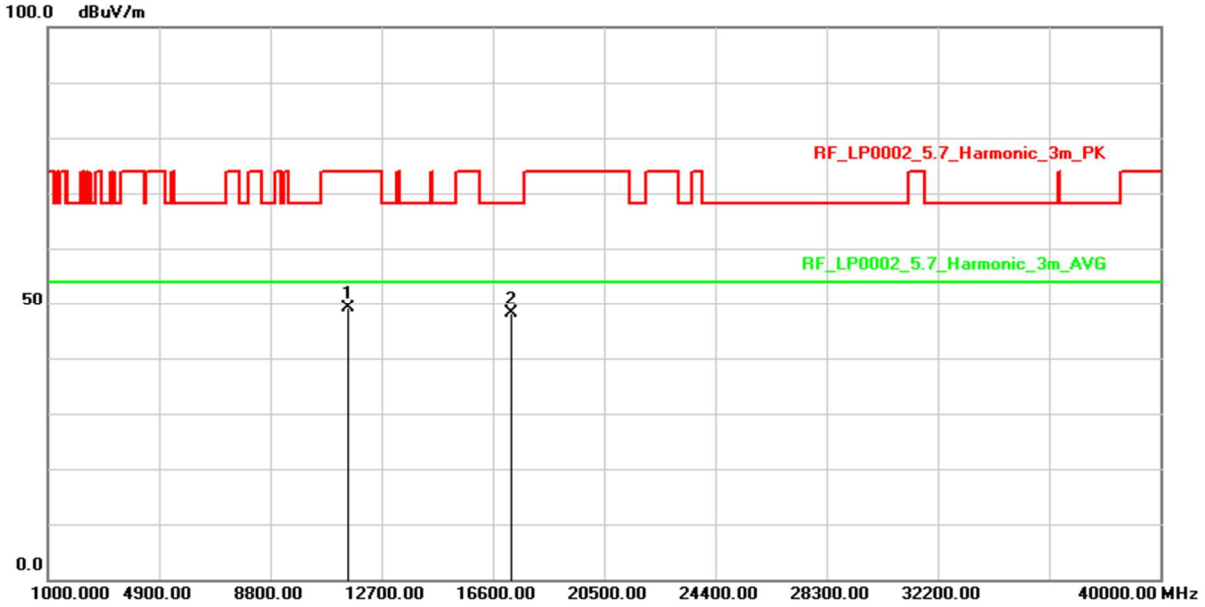


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	60.42	-11.51	48.91	74.00	-25.09	peak
2	17010.000	53.72	-4.61	49.11	68.20	-19.09	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH151(5755MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

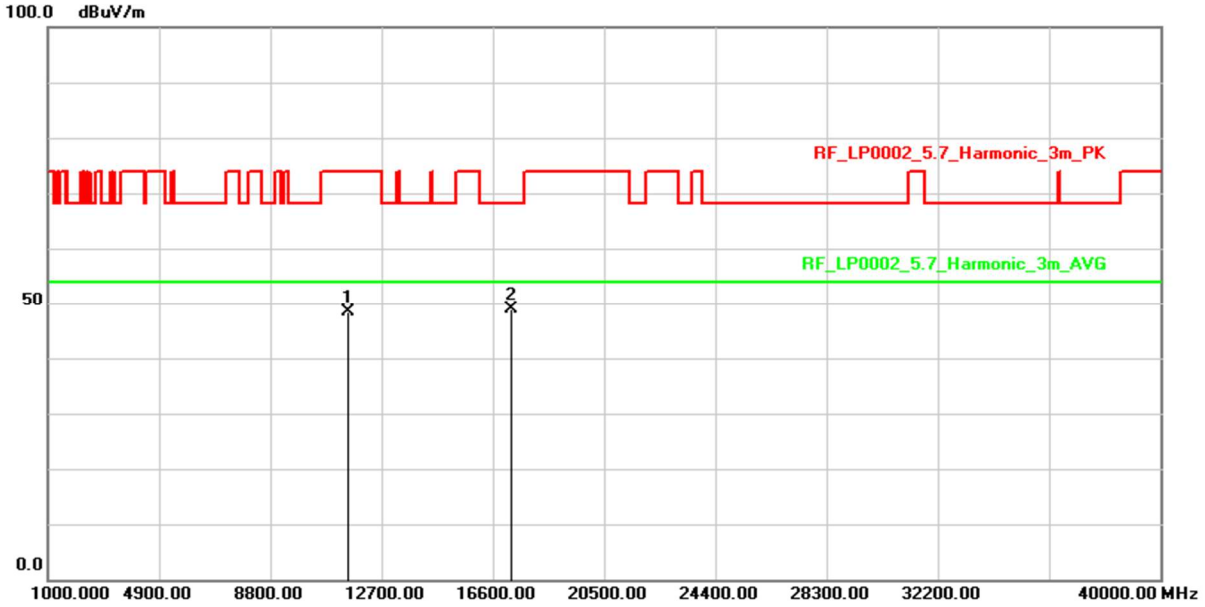


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	60.20	-11.10	49.10	74.00	-24.90	peak
2	17265.000	52.19	-3.94	48.25	68.20	-19.95	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH151(5755MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

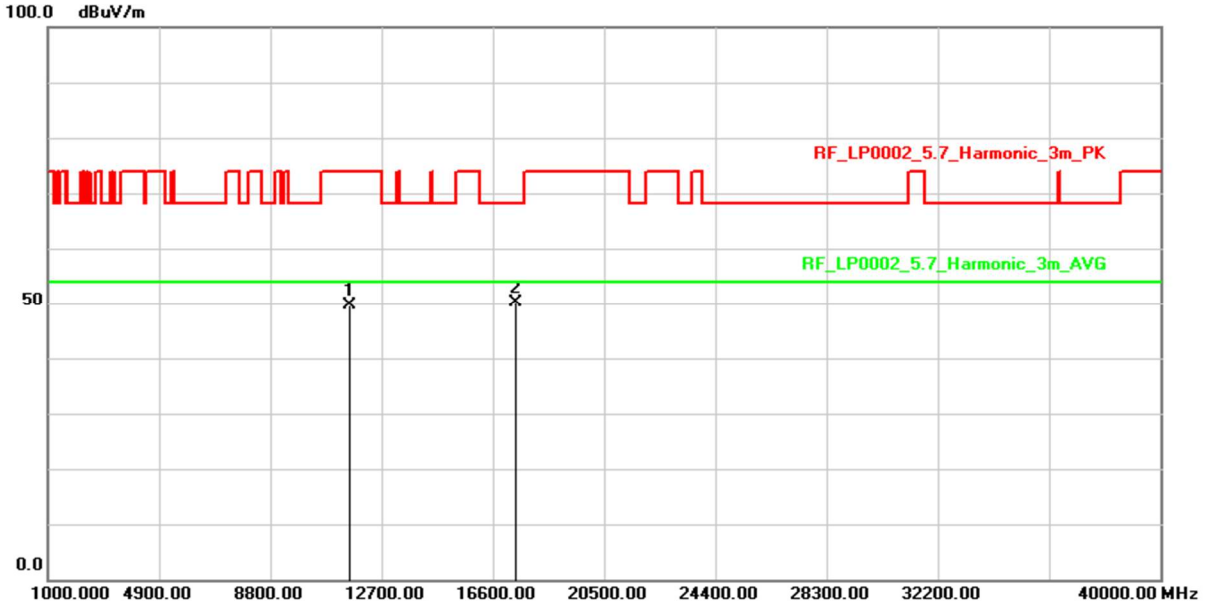


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	59.44	-11.10	48.34	74.00	-25.66	peak
2	17265.000	52.92	-3.94	48.98	68.20	-19.22	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH159(5795MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

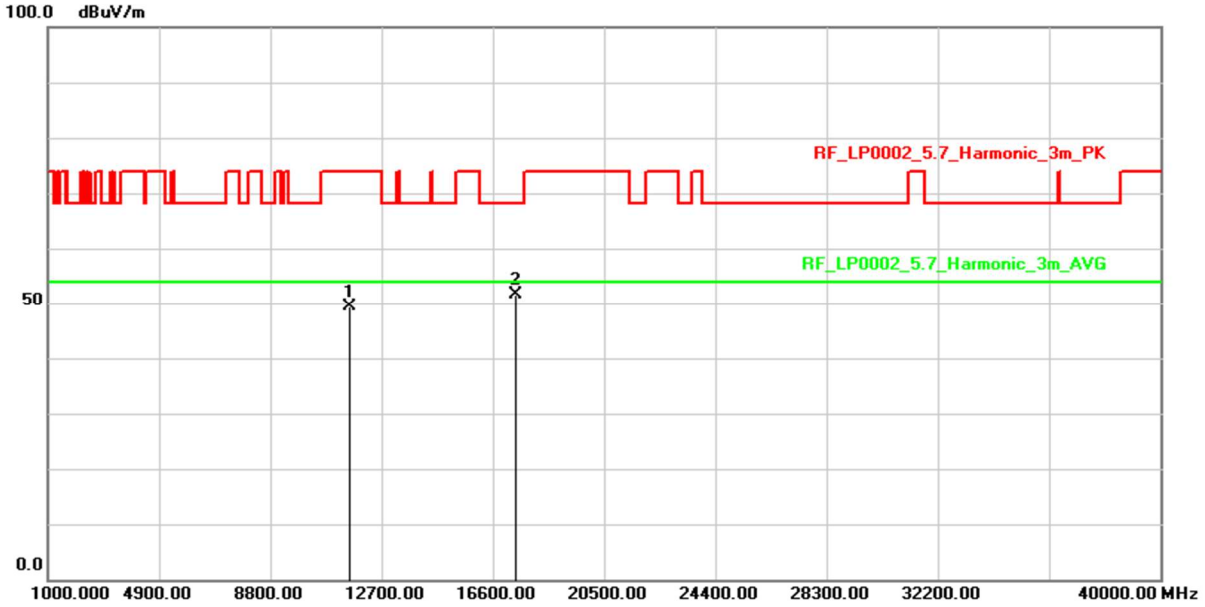


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	60.84	-11.29	49.55	74.00	-24.45	peak
2	17385.000	53.42	-3.29	50.13	68.20	-18.07	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11ac VHT40)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH159(5795MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

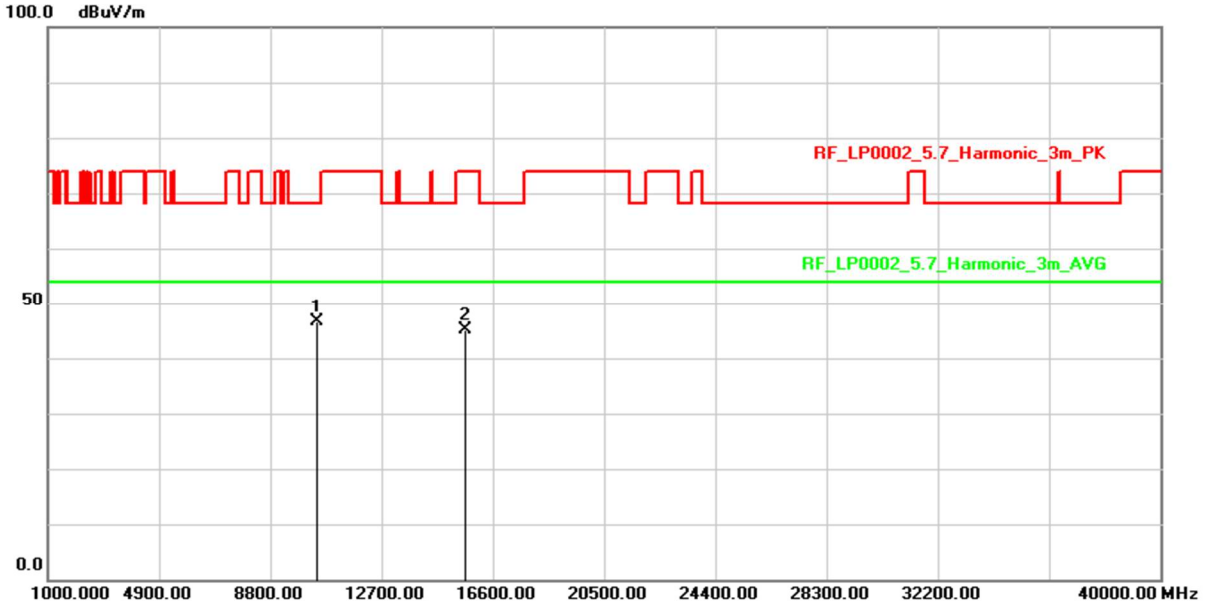


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	60.56	-11.29	49.27	74.00	-24.73	peak
2	17385.000	55.03	-3.29	51.74	68.20	-16.46	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH42(5210MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

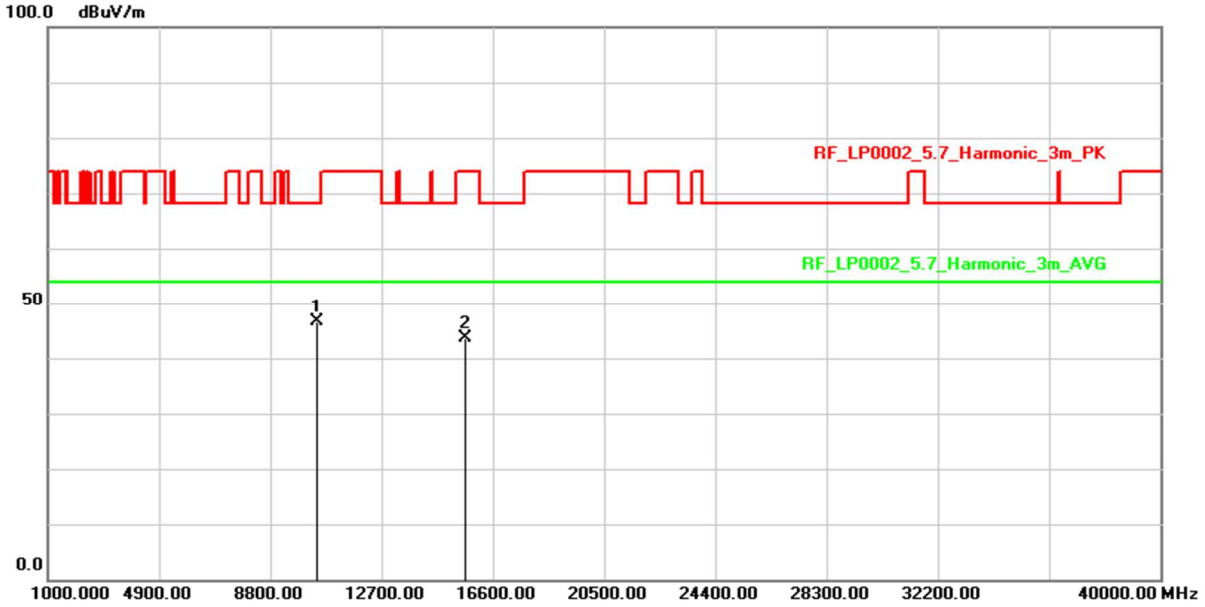


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	58.31	-11.63	46.68	68.20	-21.52	peak
2	15630.000	55.07	-10.00	45.07	74.00	-28.93	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH42(5210MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

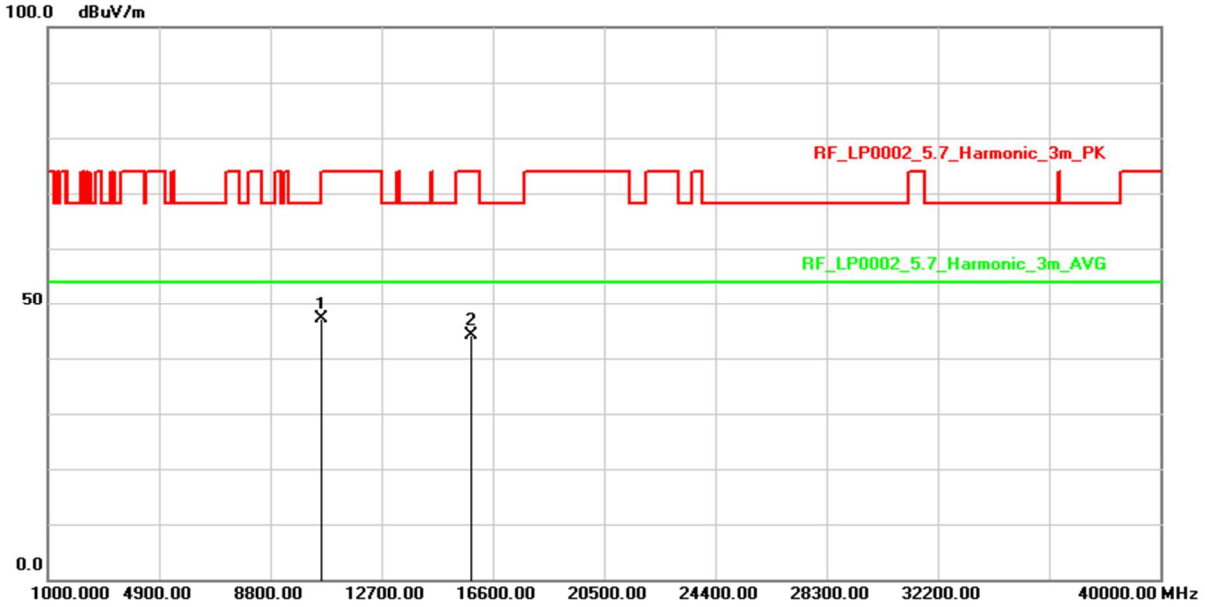


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	58.37	-11.63	46.74	68.20	-21.46	peak
2	15630.000	53.56	-10.00	43.56	74.00	-30.44	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH58(5290MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

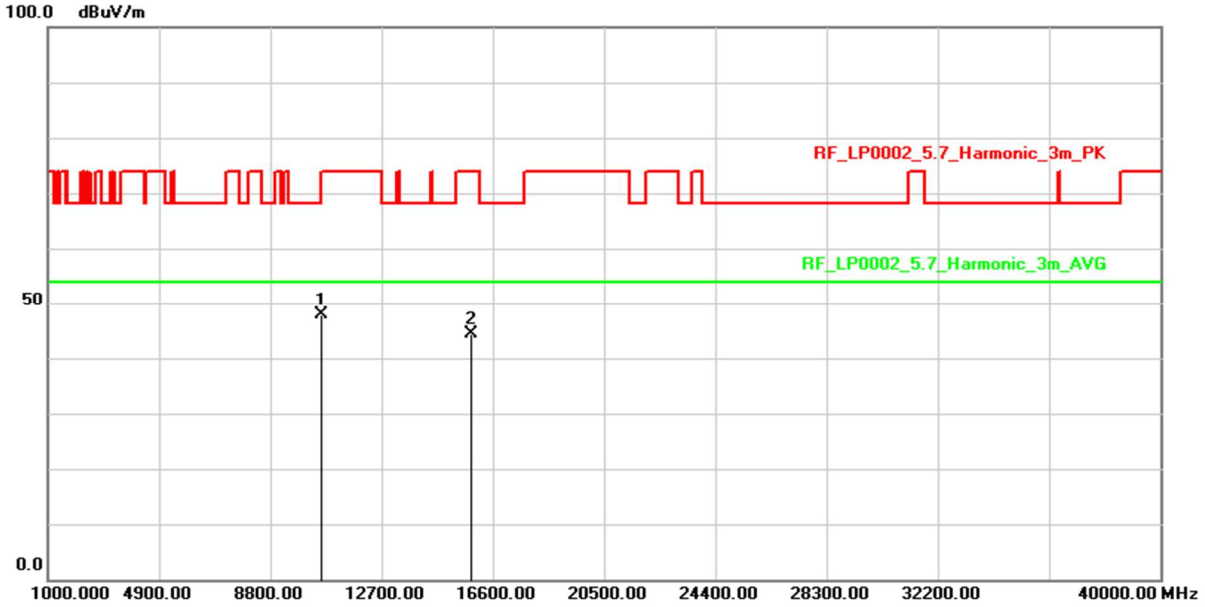


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	58.76	-11.53	47.23	68.20	-20.97	peak
2	15870.000	53.78	-9.59	44.19	74.00	-29.81	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH58(5290MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

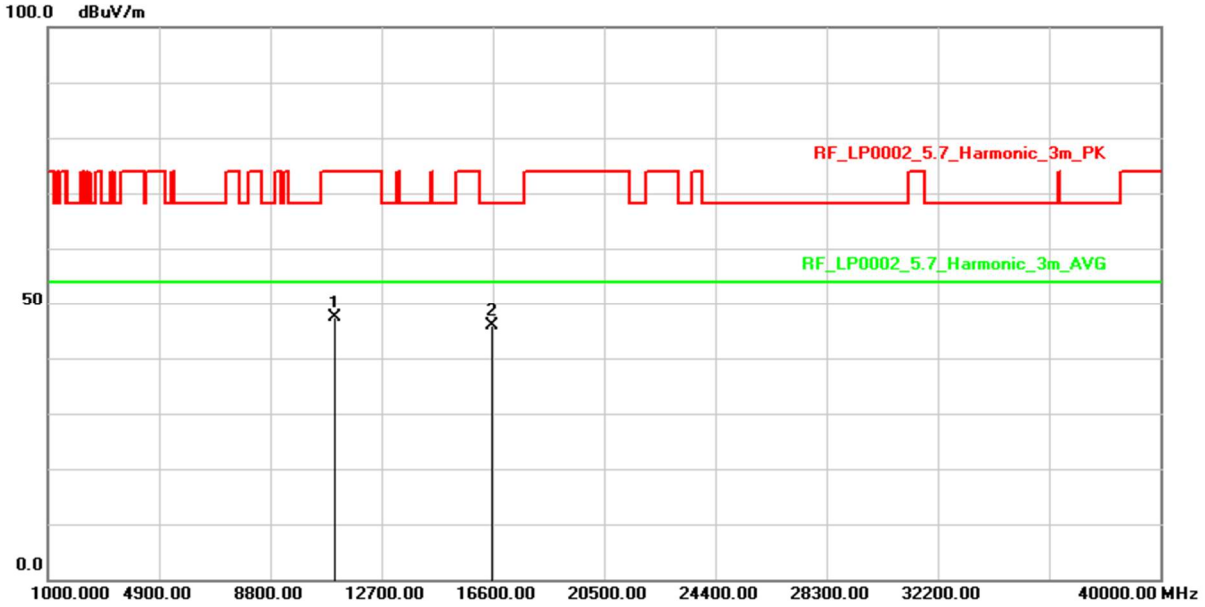


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	59.46	-11.53	47.93	68.20	-20.27	peak
2	15870.000	53.95	-9.59	44.36	74.00	-29.64	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH106(5530MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

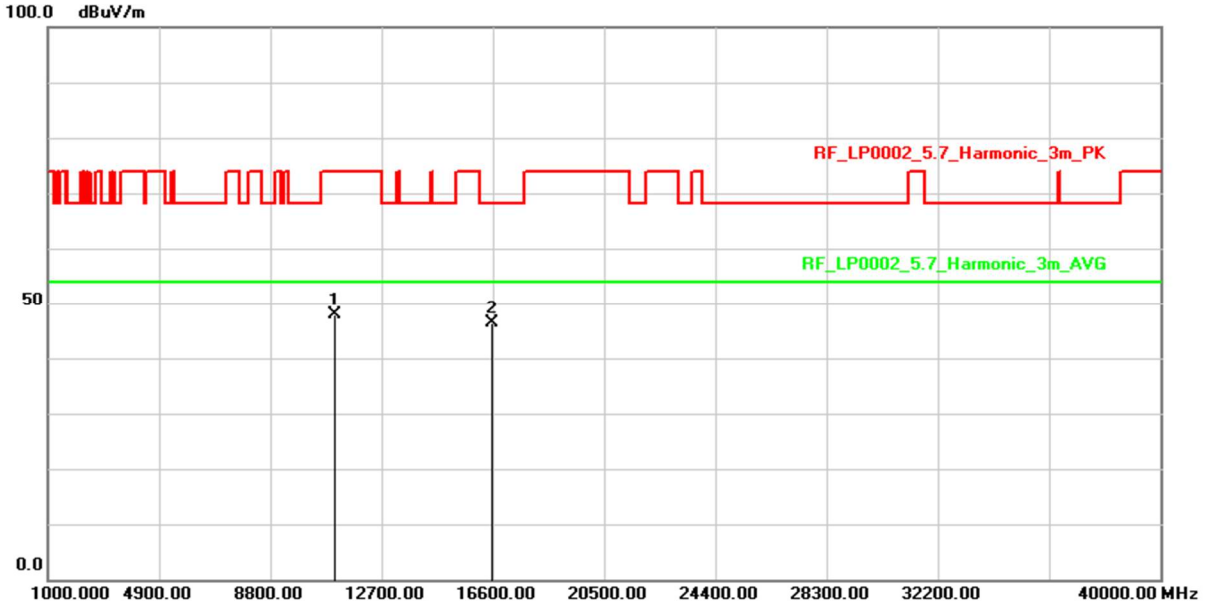


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	58.81	-11.46	47.35	74.00	-26.65	peak
2	16590.000	53.94	-7.97	45.97	68.20	-22.23	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH106(5530MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

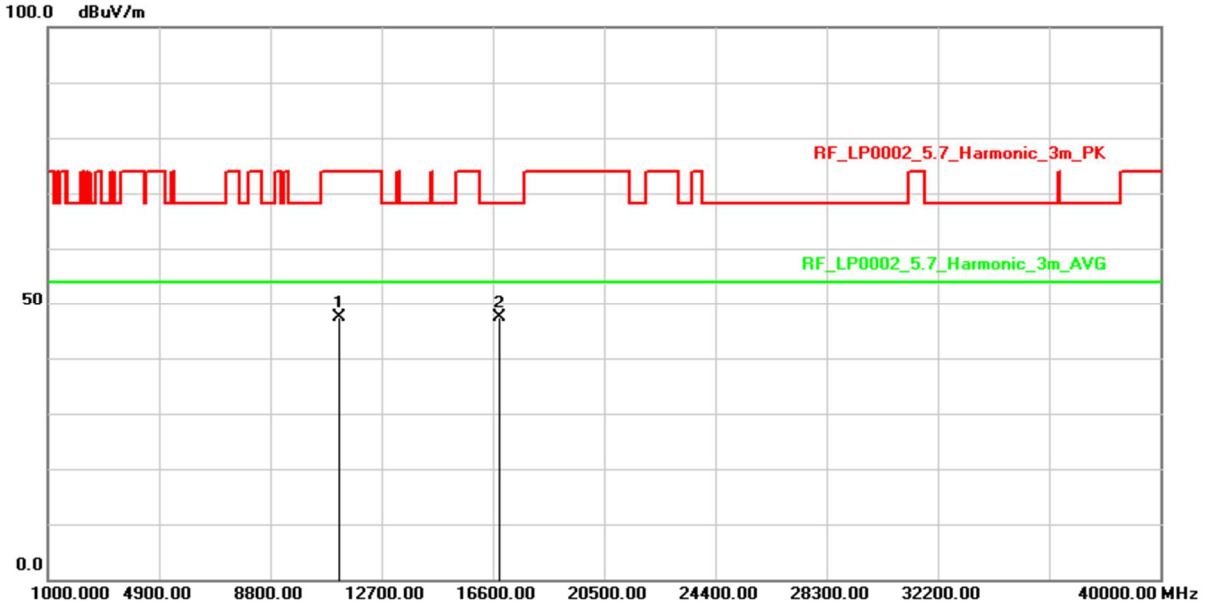


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	59.38	-11.46	47.92	74.00	-26.08	peak
2	16590.000	54.38	-7.97	46.41	68.20	-21.79	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH122(5610MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

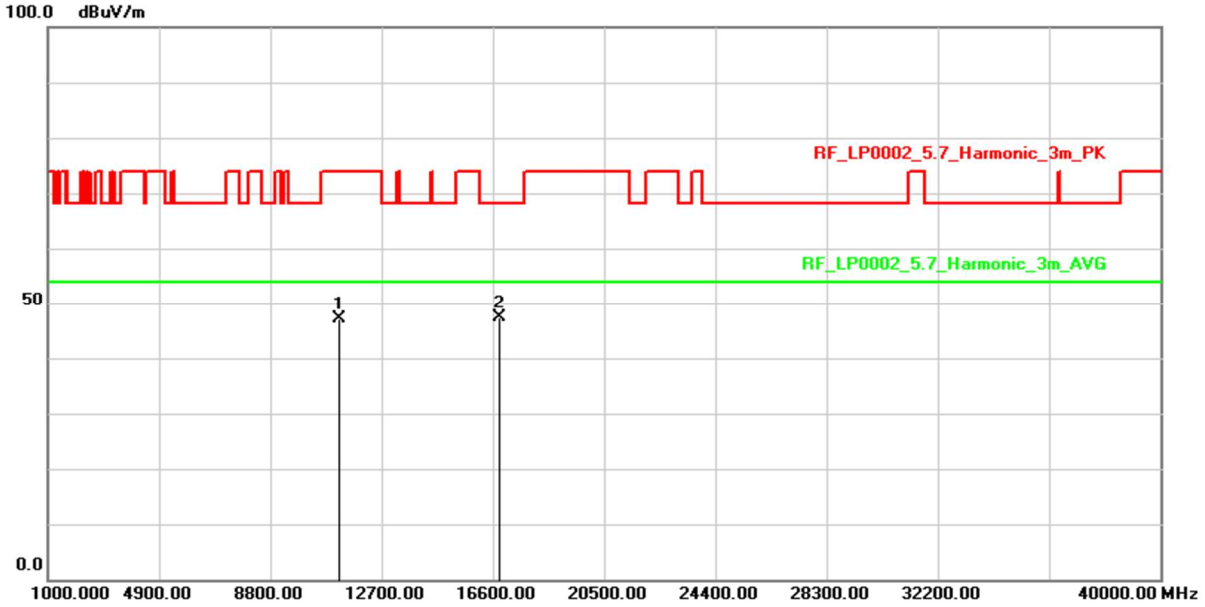


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11220.000	58.93	-11.67	47.26	74.00	-26.74	peak
2	16830.000	53.10	-5.81	47.29	68.20	-20.91	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH122(5610MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

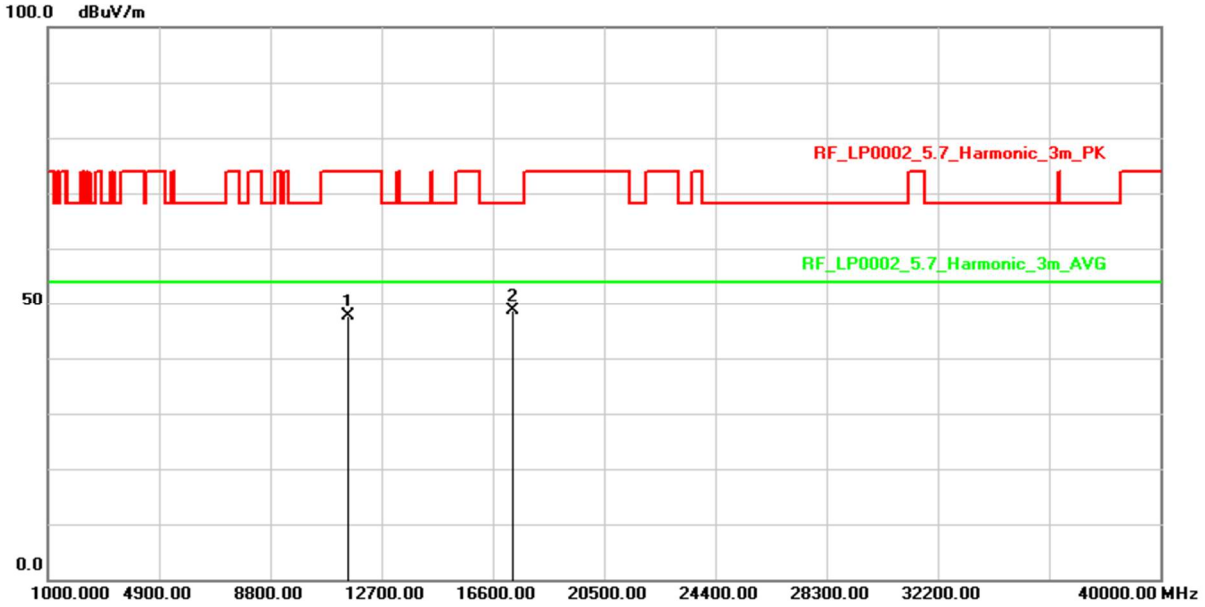


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11220.000	58.90	-11.67	47.23	74.00	-26.77	peak
2	16830.000	53.09	-5.81	47.28	68.20	-20.92	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH155(5775MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

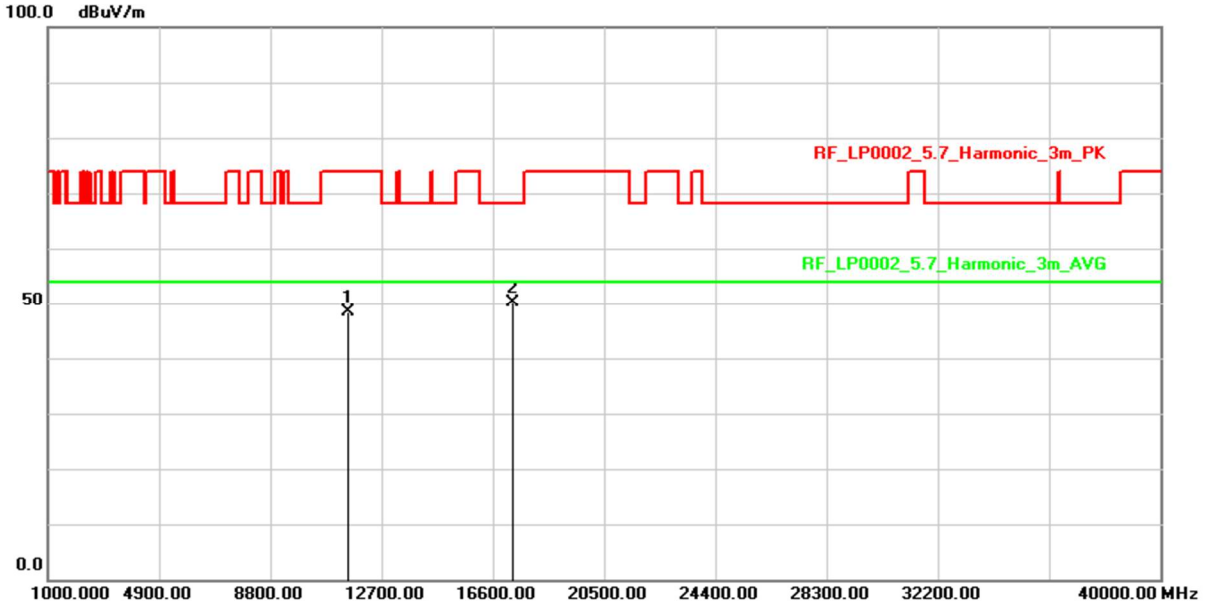


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	58.84	-11.19	47.65	74.00	-26.35	peak
2	17325.000	52.33	-3.64	48.69	68.20	-19.51	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11ac VHT80)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH155(5775MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

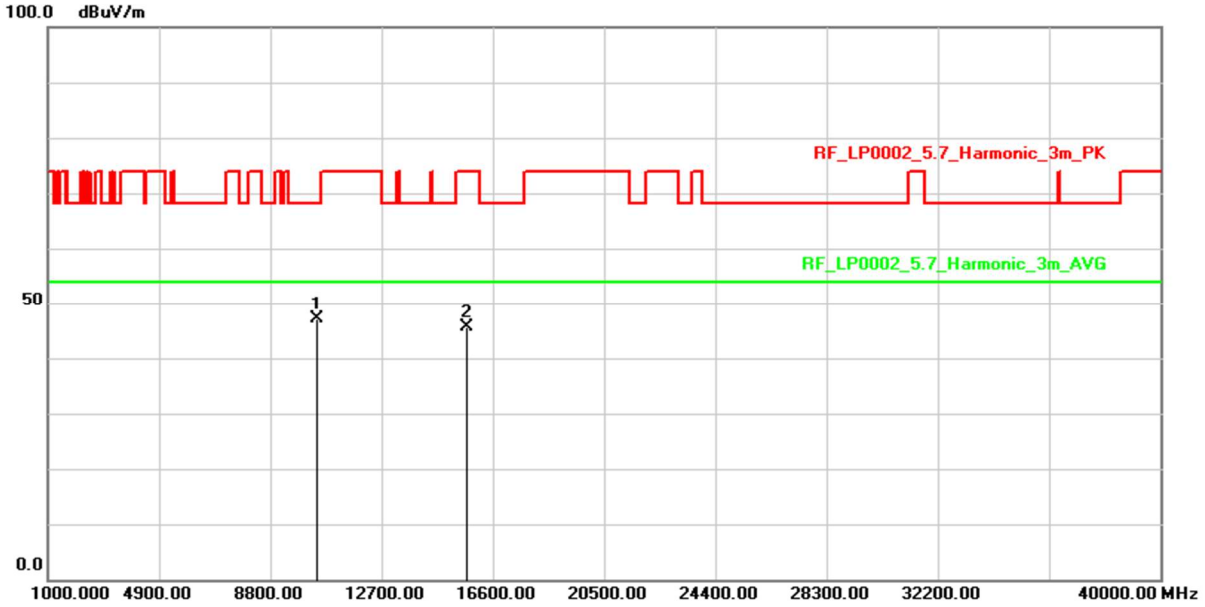


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	59.49	-11.19	48.30	74.00	-25.70	peak
2	17325.000	53.82	-3.64	50.18	68.20	-18.02	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH44 (5220MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

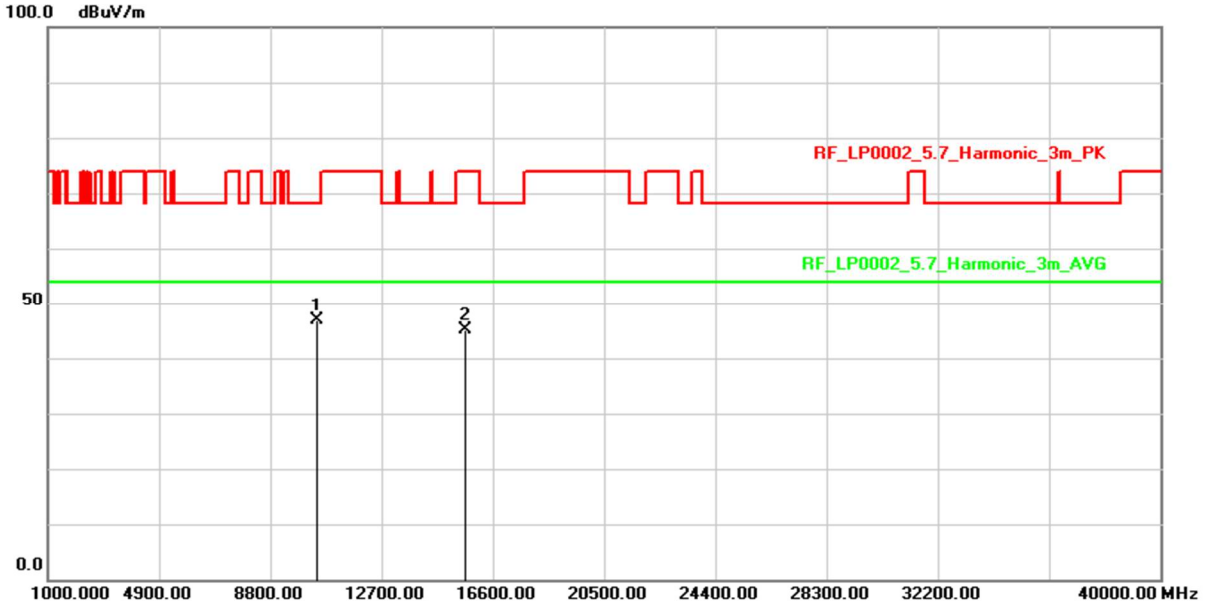


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10440.000	58.75	-11.57	47.18	68.20	-21.02	peak
2	15660.000	55.52	-9.90	45.62	74.00	-28.38	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH44 (5220MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

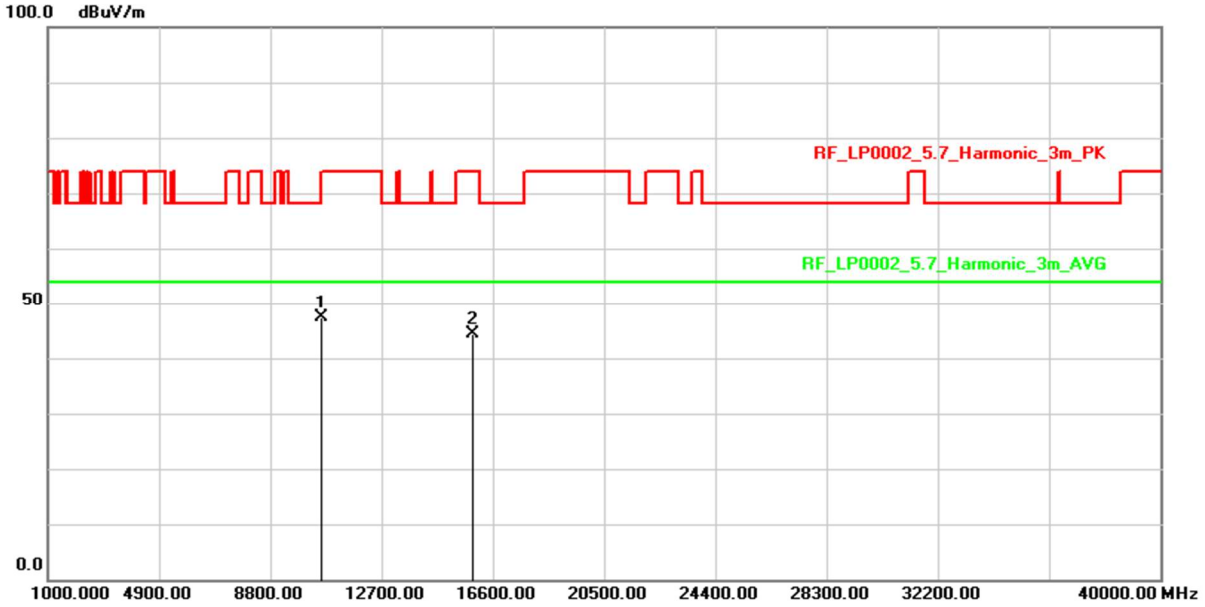


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10440.000	58.48	-11.57	46.91	68.20	-21.29	peak
2	15660.000	54.98	-9.90	45.08	74.00	-28.92	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH60 (5300MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

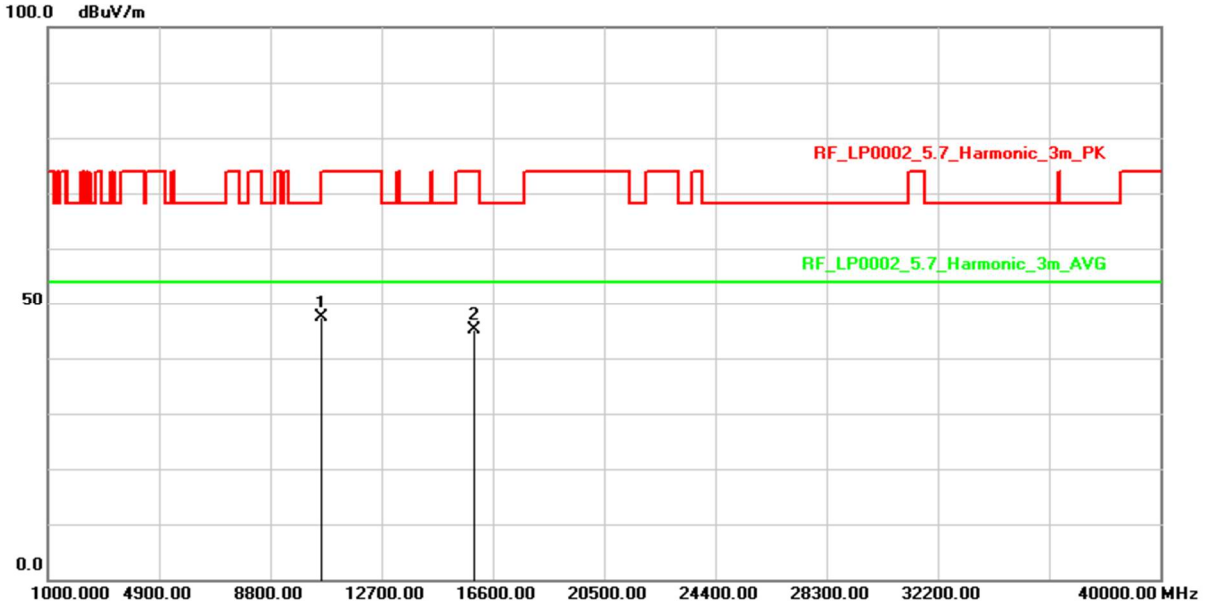


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	59.12	-11.64	47.48	68.20	-20.72	peak
2	15900.000	53.89	-9.58	44.31	74.00	-29.69	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH60 (5300MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

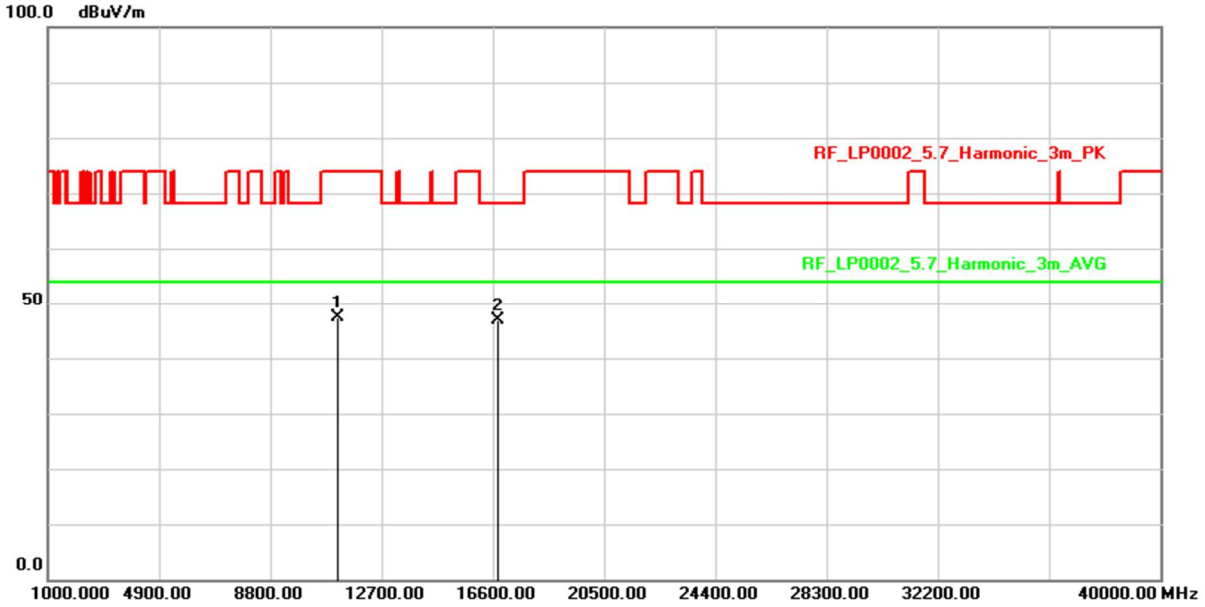


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	58.95	-11.64	47.31	68.20	-20.89	peak
2	15900.000	54.64	-9.58	45.06	74.00	-28.94	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH116 (5580MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

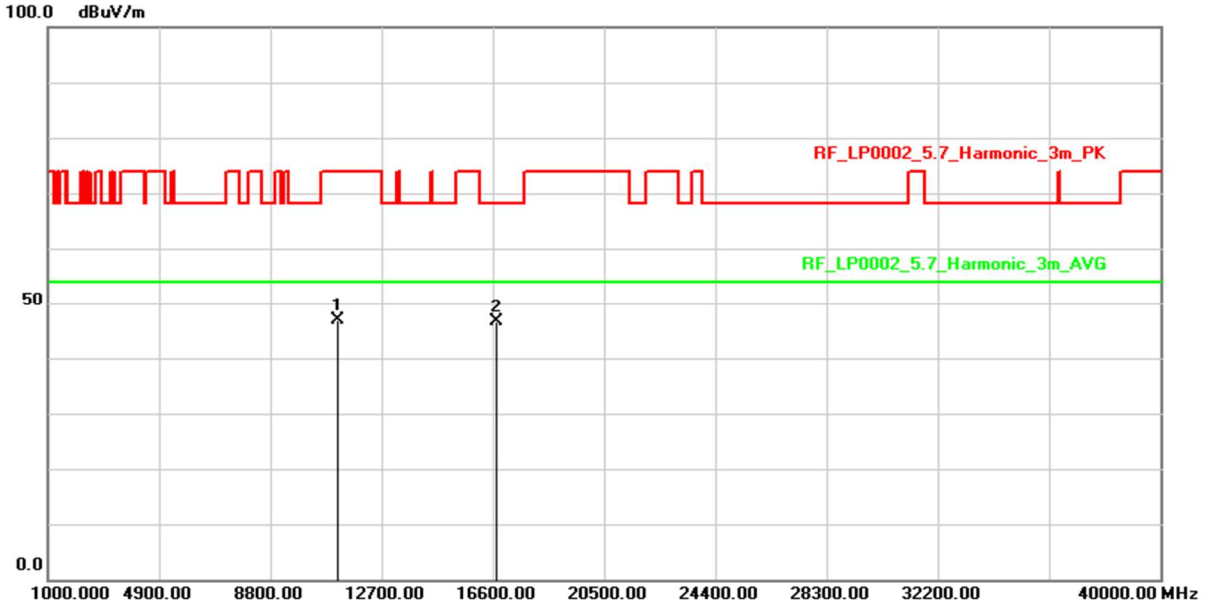


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11160.000	58.92	-11.57	47.35	74.00	-26.65	peak
2	16740.000	53.52	-6.66	46.86	68.20	-21.34	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH116 (5580MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

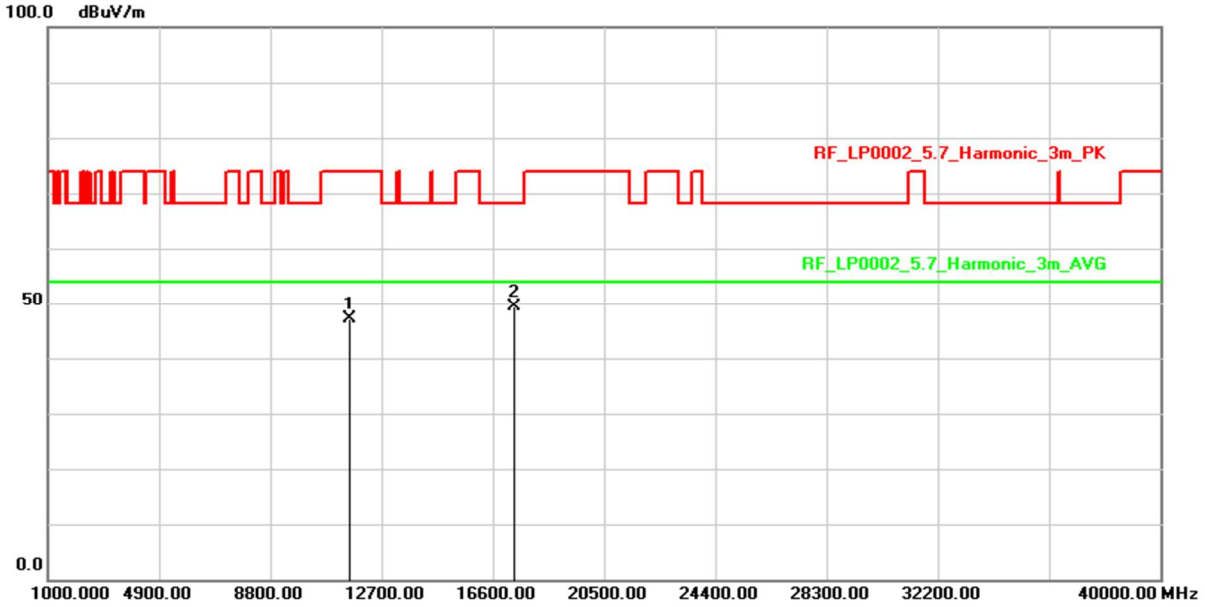


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11160.000	58.36	-11.57	46.79	74.00	-27.21	peak
2	16740.000	53.34	-6.66	46.68	68.20	-21.52	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	Test Date :	110 年 12 月 17 日
Test Channel :	CH157 (5785MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

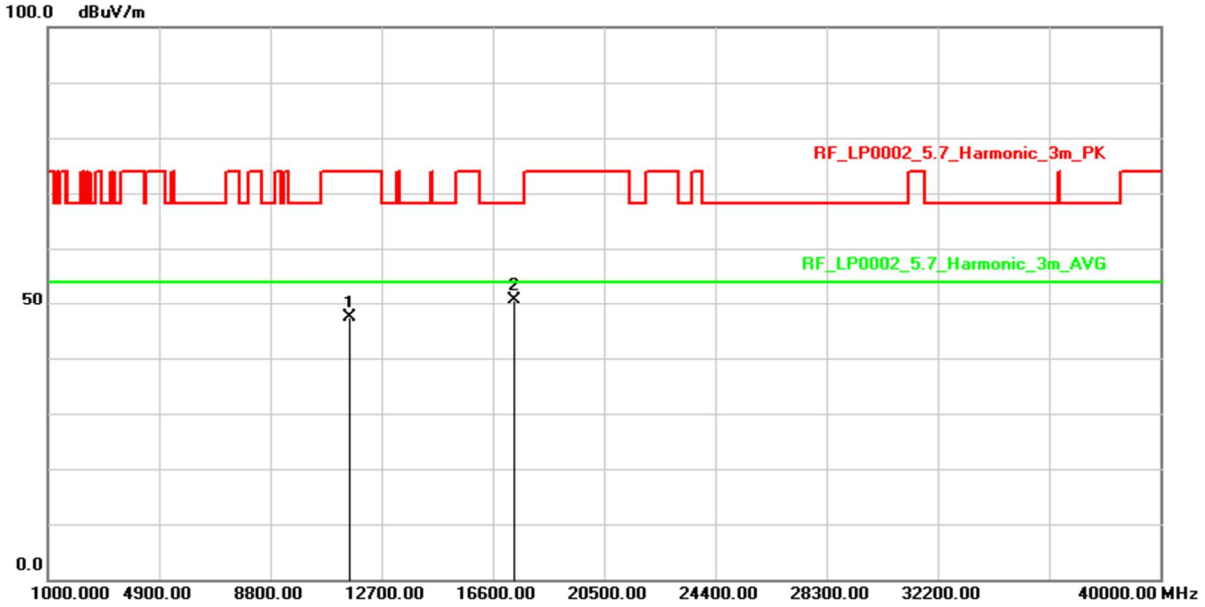


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	58.43	-11.25	47.18	74.00	-26.82	peak
2	17355.000	52.90	-3.46	49.44	68.20	-18.76	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	**Test Date :**	110 年 12 月 17 日
Test Channel :	CH157 (5785MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	58.68	-11.25	47.43	74.00	-26.57	peak
2	17355.000	54.17	-3.46	50.71	68.20	-17.49	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Below 1GHz Data

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH44(5220MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

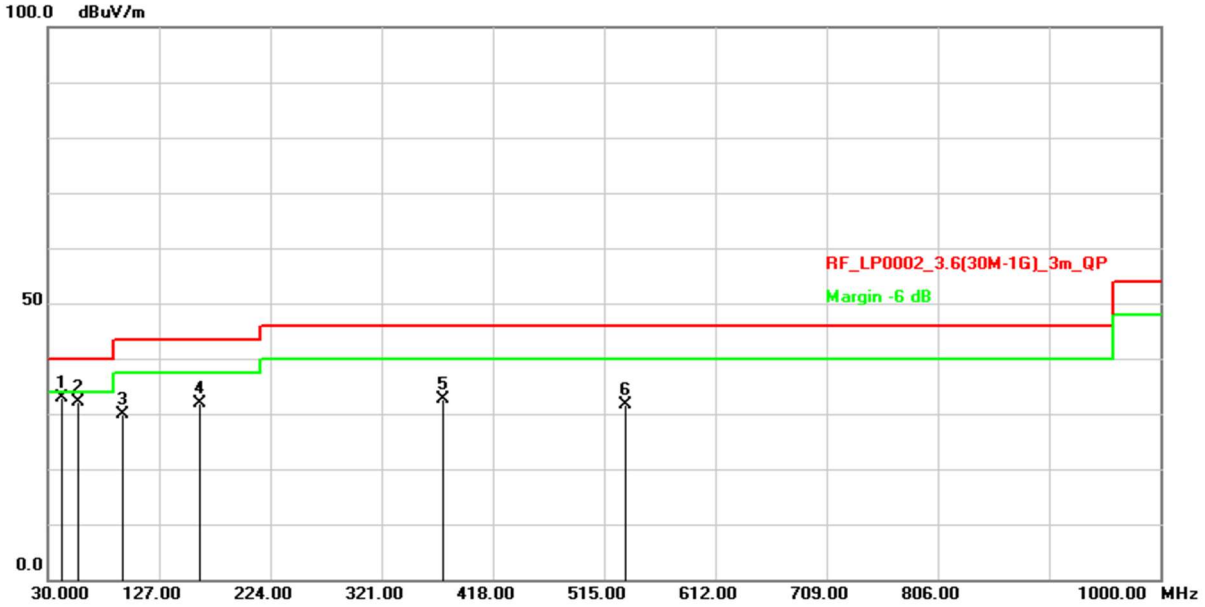


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	34.8500	44.94	-12.46	32.48	40.00	-7.52	QP
2	72.6800	40.64	-13.74	26.90	40.00	-13.10	QP
3	104.6900	43.24	-15.32	27.92	43.50	-15.58	QP
4	211.3900	44.08	-14.45	29.63	43.50	-13.87	QP
5	256.9800	47.80	-12.16	35.64	46.00	-10.36	QP
6	263.7700	48.48	-11.92	36.56	46.00	-9.44	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH44(5220MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	41.6400	44.48	-11.53	32.95	40.00	-7.05	QP
2	56.1900	43.76	-11.73	32.03	40.00	-7.97	QP
3	94.9900	46.99	-17.18	29.81	43.50	-13.69	QP
4	161.9200	43.05	-11.12	31.93	43.50	-11.57	QP
5	374.3500	41.08	-8.36	32.72	46.00	-13.28	QP
6	533.4300	36.07	-4.42	31.65	46.00	-14.35	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH60(5300MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

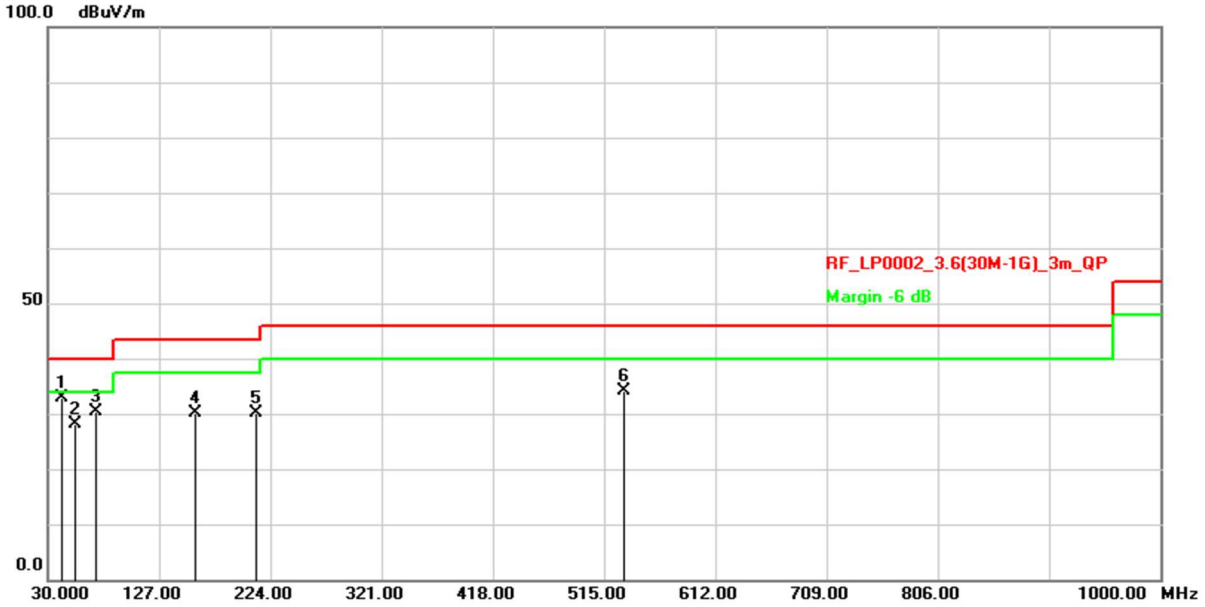


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.8500	46.05	-12.46	33.59	40.00	-6.41	QP
2	105.6600	43.90	-15.16	28.74	43.50	-14.76	QP
3 *	256.9800	52.12	-12.16	39.96	46.00	-6.04	QP
4	274.4400	50.70	-11.24	39.46	46.00	-6.54	QP
5	426.7300	38.02	-6.86	31.16	46.00	-14.84	QP
6	800.1800	31.87	0.80	32.67	46.00	-13.33	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH60(5300MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	41.6400	44.30	-11.53	32.77	40.00	-7.23	QP
2	54.2500	39.68	-11.64	28.04	40.00	-11.96	QP
3	71.7100	43.90	-13.61	30.29	40.00	-9.71	QP
4	159.0100	41.37	-11.12	30.25	43.50	-13.25	QP
5	211.3900	44.58	-14.45	30.13	43.50	-13.37	QP
6	532.4600	38.65	-4.45	34.20	46.00	-11.80	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 13 日
Test Channel :	CH116(5580MHz)	**Temperature :**	25.2 °C
Polarization :	Horizontal	**Relative Humidity :**	40 %

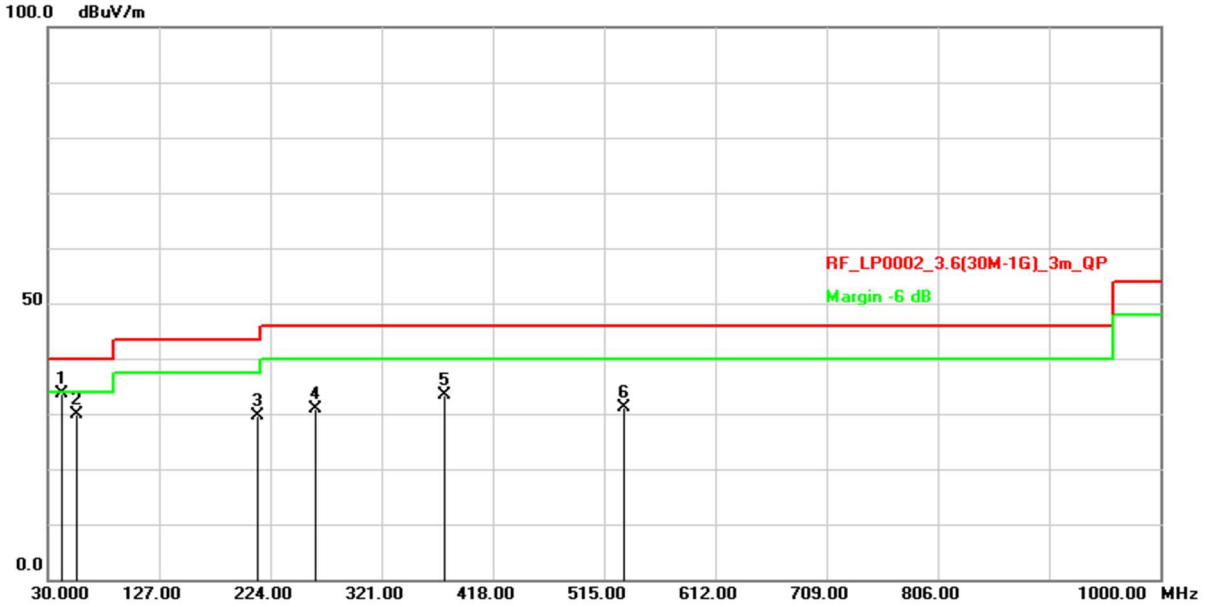


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.8500	44.86	-12.46	32.40	40.00	-7.60	QP
2	102.7500	46.83	-15.78	31.05	43.50	-12.45	QP
3	144.4600	39.74	-11.55	28.19	43.50	-15.31	QP
4 *	263.7700	53.30	-11.92	41.38	46.00	-4.62	QP
5	351.0700	42.13	-9.22	32.91	46.00	-13.09	QP
6	719.6700	35.73	-0.88	34.85	46.00	-11.15	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 13 日
Test Channel :	CH116(5580MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

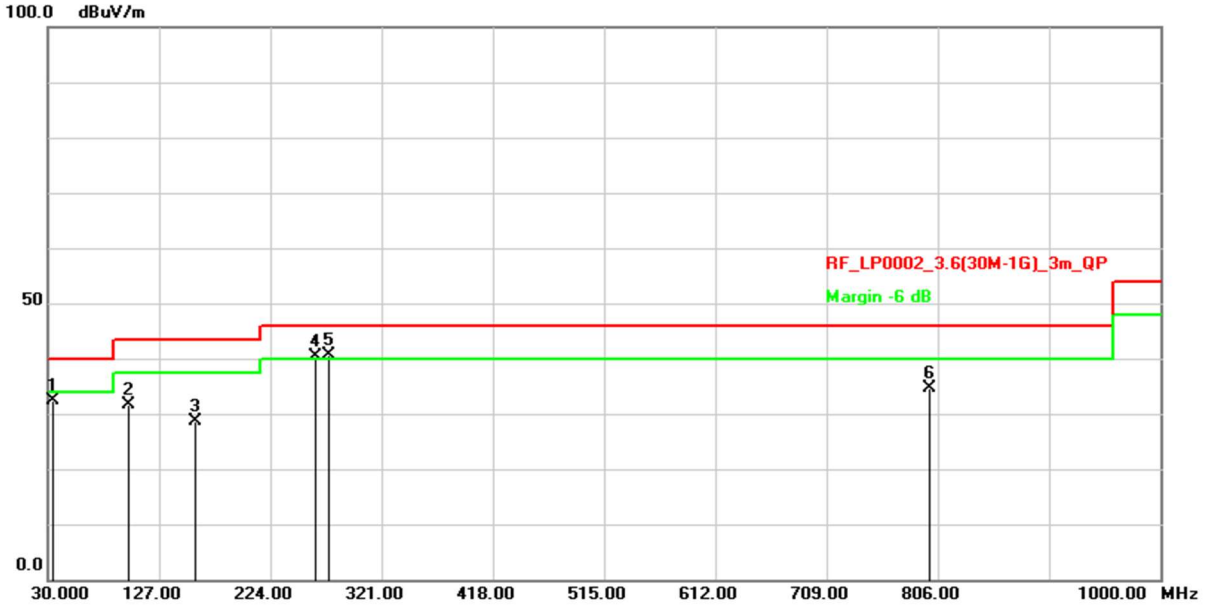


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	42.6100	44.95	-11.34	33.61	40.00	-6.39	QP
2	55.2200	41.42	-11.66	29.76	40.00	-10.24	QP
3	212.3600	44.10	-14.47	29.63	43.50	-13.87	QP
4	263.7700	42.83	-11.92	30.91	46.00	-15.09	QP
5	375.3200	41.62	-8.35	33.27	46.00	-12.73	QP
6	532.4600	35.56	-4.45	31.11	46.00	-14.89	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH157(5785MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

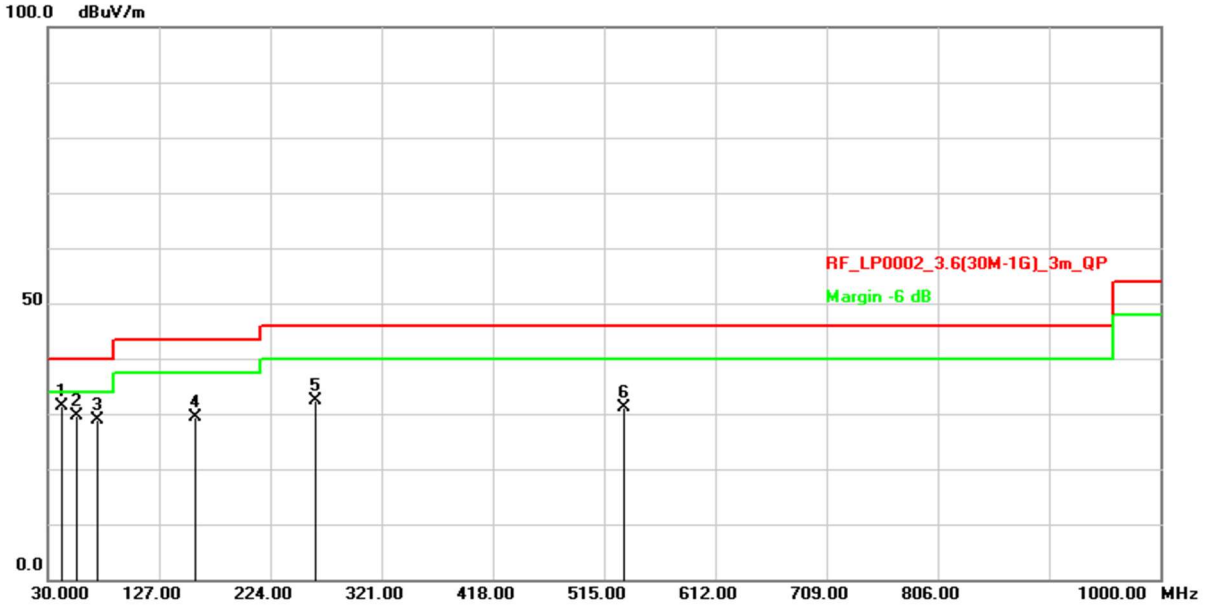


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.8500	44.83	-12.46	32.37	40.00	-7.63	QP
2	100.8100	47.74	-16.12	31.62	43.50	-11.88	QP
3	159.0100	39.63	-11.12	28.51	43.50	-14.99	QP
4 !	263.7700	52.29	-11.92	40.37	46.00	-5.63	QP
5 *	275.4100	51.90	-11.20	40.70	46.00	-5.30	QP
6	798.2400	33.75	0.79	34.54	46.00	-11.46	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11a)	**Test Date :**	110 年 12 月 13 日
Test Channel :	CH157(5785MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	41.6400	42.90	-11.53	31.37	40.00	-8.63	QP
2	55.2200	41.22	-11.66	29.56	40.00	-10.44	QP
3	72.6800	42.71	-13.74	28.97	40.00	-11.03	QP
4	159.0100	40.53	-11.12	29.41	43.50	-14.09	QP
5	263.7700	44.22	-11.92	32.30	46.00	-13.70	QP
6	532.4600	35.56	-4.45	31.11	46.00	-14.89	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH44(5220MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

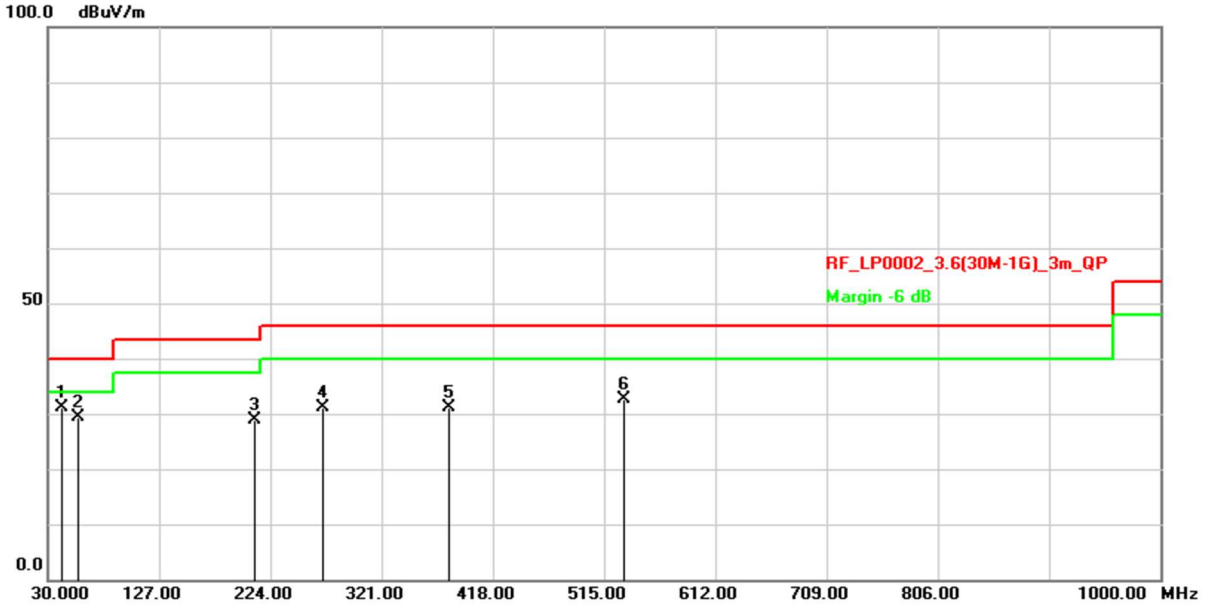


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.8800	44.97	-12.60	32.37	40.00	-7.63	QP
2	105.6600	43.98	-15.16	28.82	43.50	-14.68	QP
3 *	271.5300	51.42	-11.38	40.04	46.00	-5.96	QP
4	430.6100	39.46	-6.69	32.77	46.00	-13.23	QP
5	532.4600	37.75	-4.45	33.30	46.00	-12.70	QP
6	796.3000	33.47	0.78	34.25	46.00	-11.75	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	**Test Date :**	110 年 12 月 13 日
Test Channel :	CH44(5220MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

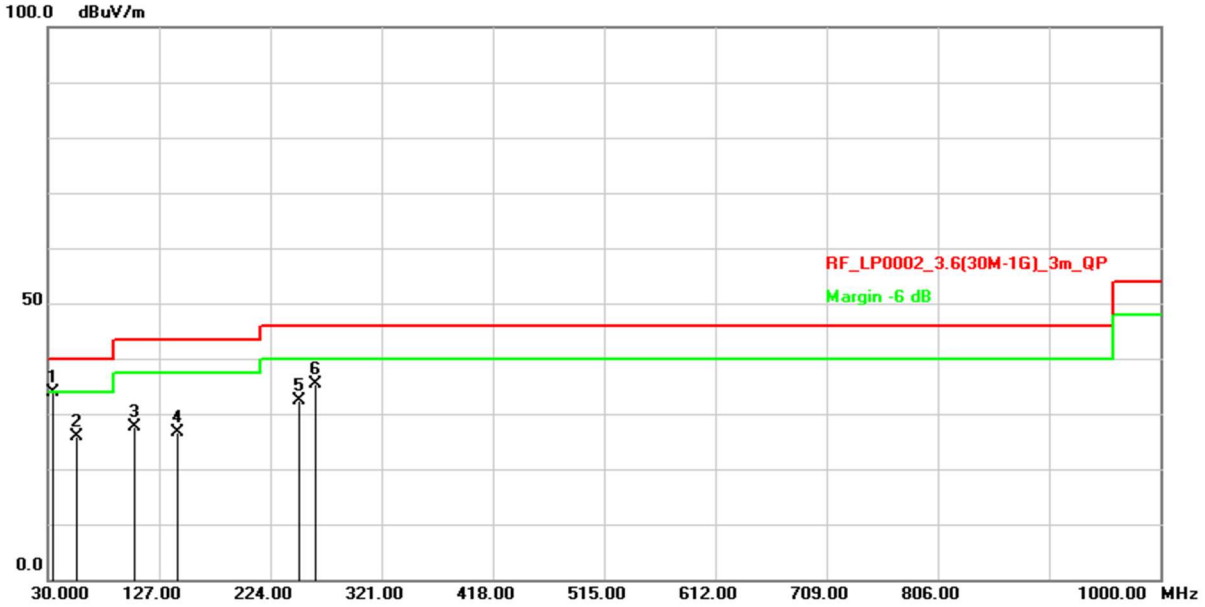


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	41.6400	42.68	-11.53	31.15	40.00	-8.85	QP
2	56.1900	41.15	-11.73	29.42	40.00	-10.58	QP
3	210.4200	43.31	-14.44	28.87	43.50	-14.63	QP
4	269.5900	42.72	-11.47	31.25	46.00	-14.75	QP
5	380.1700	39.36	-8.34	31.02	46.00	-14.98	QP
6	532.4600	37.00	-4.45	32.55	46.00	-13.45	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH60(5300MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

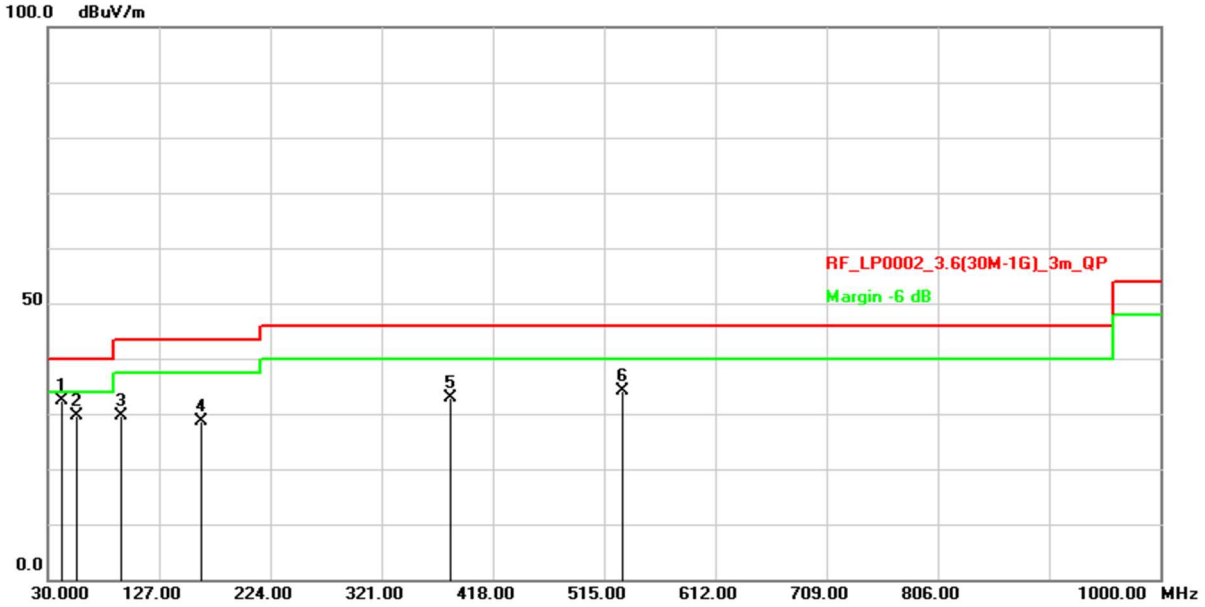


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	33.8800	46.45	-12.60	33.85	40.00	-6.15	QP
2	55.2200	37.58	-11.66	25.92	40.00	-14.08	QP
3	105.6600	42.77	-15.16	27.61	43.50	-15.89	QP
4	142.5200	38.20	-11.61	26.59	43.50	-16.91	QP
5	249.2200	44.87	-12.47	32.40	46.00	-13.60	QP
6	263.7700	47.26	-11.92	35.34	46.00	-10.66	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	**Test Date :**	110 年 12 月 13 日
Test Channel :	CH60(5300MHz)	**Temperature :**	25.2 °C
Polarization :	Vertical	**Relative Humidity :**	40 %

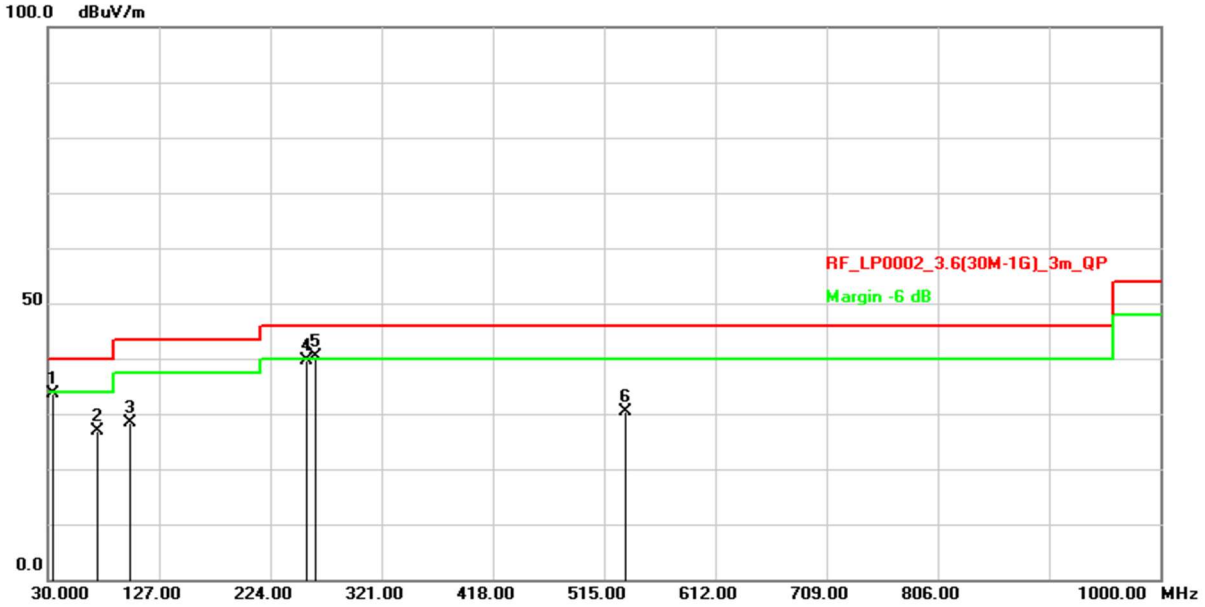


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	42.6100	43.77	-11.34	32.43	40.00	-7.57	QP
2	55.2200	41.40	-11.66	29.74	40.00	-10.26	QP
3	94.0200	46.79	-17.09	29.70	43.50	-13.80	QP
4	163.8600	39.85	-11.19	28.66	43.50	-14.84	QP
5	381.1400	41.22	-8.30	32.92	46.00	-13.08	QP
6	531.4900	38.72	-4.47	34.25	46.00	-11.75	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH116(5580MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

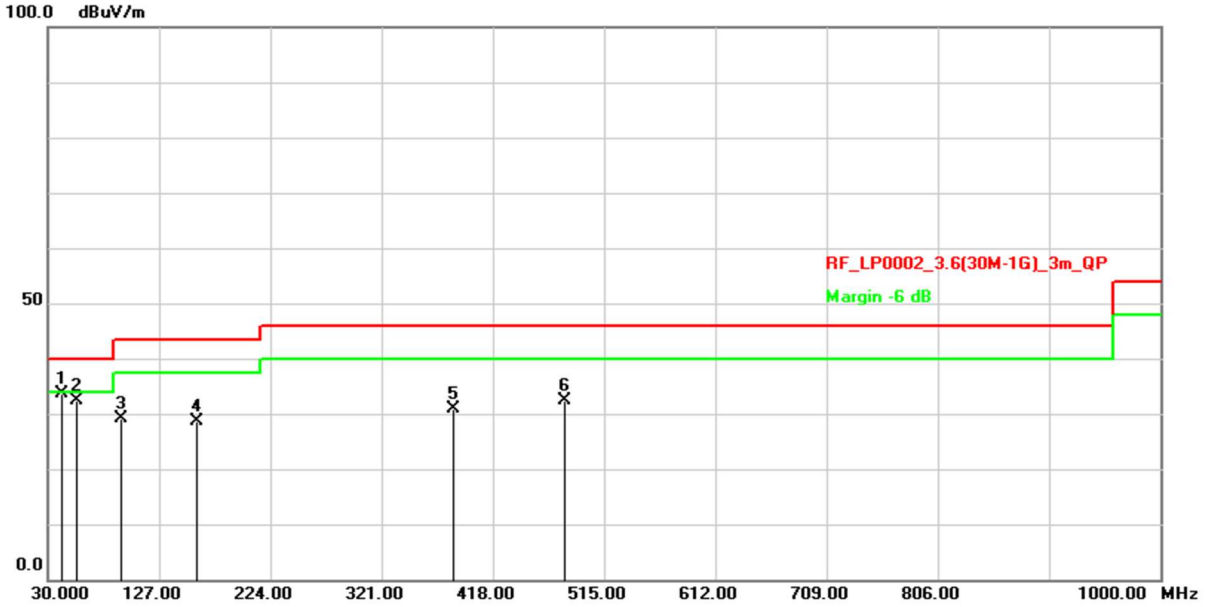


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.8800	46.31	-12.60	33.71	40.00	-6.29	QP
2	72.6800	40.72	-13.74	26.98	40.00	-13.02	QP
3	101.7800	44.37	-15.89	28.48	43.50	-15.02	QP
4	256.0100	51.80	-12.19	39.61	46.00	-6.39	QP
5 *	263.7700	52.36	-11.92	40.44	46.00	-5.56	QP
6	533.4300	34.81	-4.42	30.39	46.00	-15.61	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH116(5580MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %

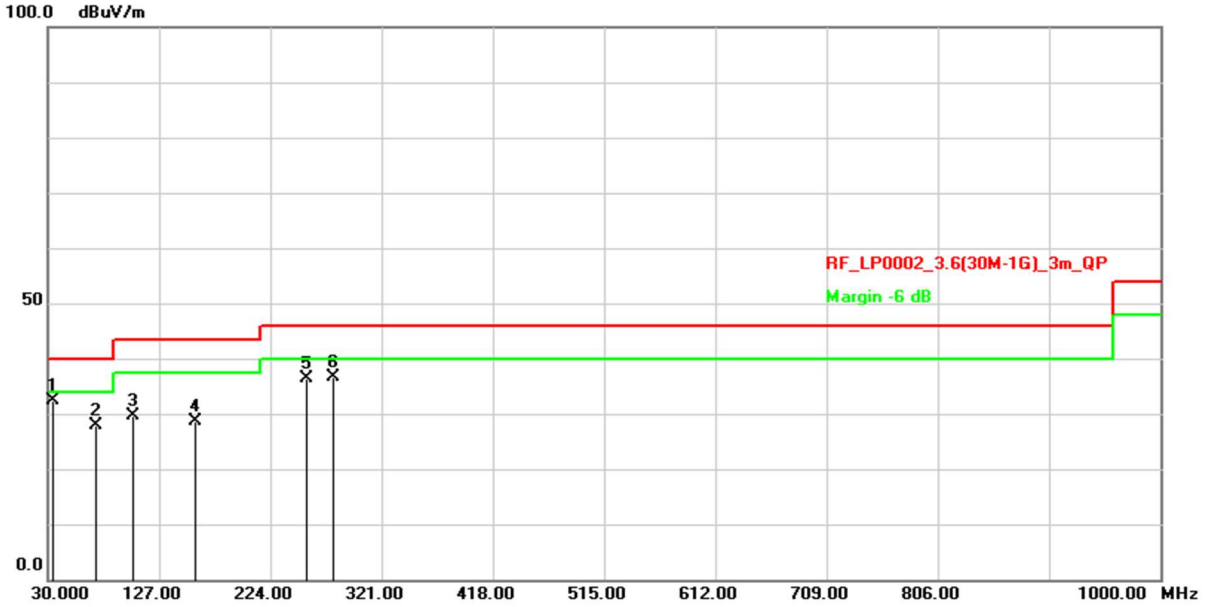


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	41.6400	45.11	-11.53	33.58	40.00	-6.42	QP
2	55.2200	43.94	-11.66	32.28	40.00	-7.72	QP
3	94.0200	46.28	-17.09	29.19	43.50	-14.31	QP
4	159.9800	39.68	-11.12	28.56	43.50	-14.94	QP
5	383.0800	39.17	-8.26	30.91	46.00	-15.09	QP
6	480.0800	37.90	-5.61	32.29	46.00	-13.71	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH157(5785MHz)	Temperature :	25.2 °C
Polarization :	Horizontal	Relative Humidity :	40 %

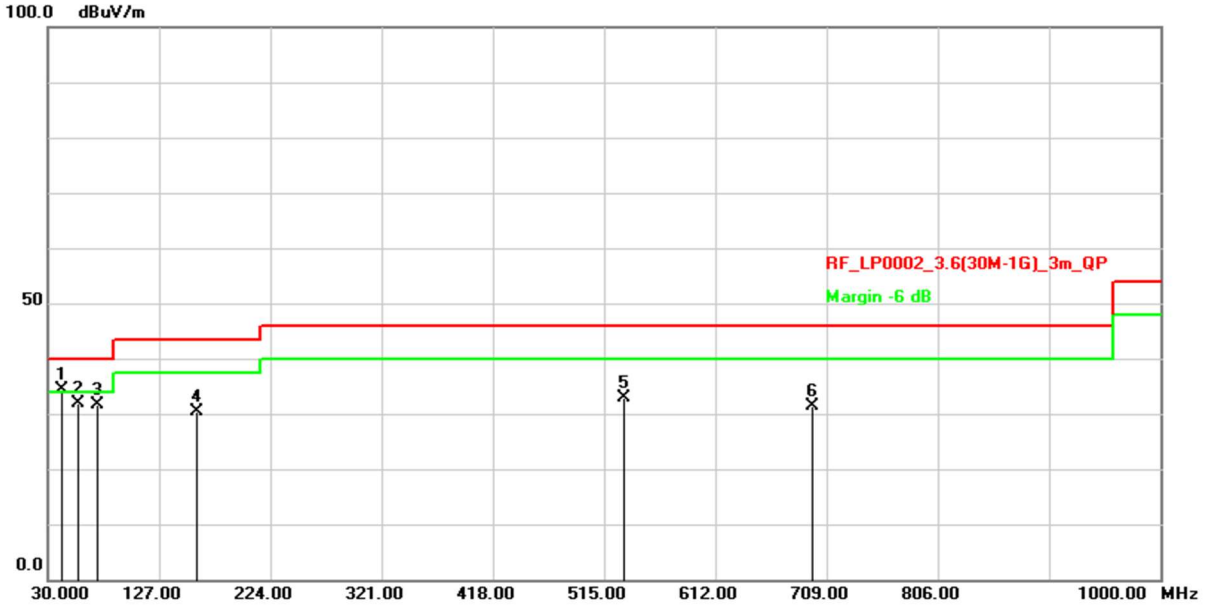


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	33.8800	45.08	-12.60	32.48	40.00	-7.52	QP
2	71.7100	41.38	-13.61	27.77	40.00	-12.23	QP
3	104.6900	44.89	-15.32	29.57	43.50	-13.93	QP
4	159.0100	39.67	-11.12	28.55	43.50	-14.95	QP
5	256.0100	48.64	-12.19	36.45	46.00	-9.55	QP
6	278.3200	47.60	-11.08	36.52	46.00	-9.48	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 5 : Receiver(802.11a)	Test Date :	110 年 12 月 13 日
Test Channel :	CH157(5785MHz)	Temperature :	25.2 °C
Polarization :	Vertical	Relative Humidity :	40 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	42.6100	45.83	-11.34	34.49	40.00	-5.51	QP
2	56.1900	43.60	-11.73	31.87	40.00	-8.13	QP
3	72.6800	45.40	-13.74	31.66	40.00	-8.34	QP
4	159.9800	41.49	-11.12	30.37	43.50	-13.13	QP
5	532.4600	37.27	-4.45	32.82	46.00	-13.18	QP
6	696.3900	32.65	-1.16	31.49	46.00	-14.51	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

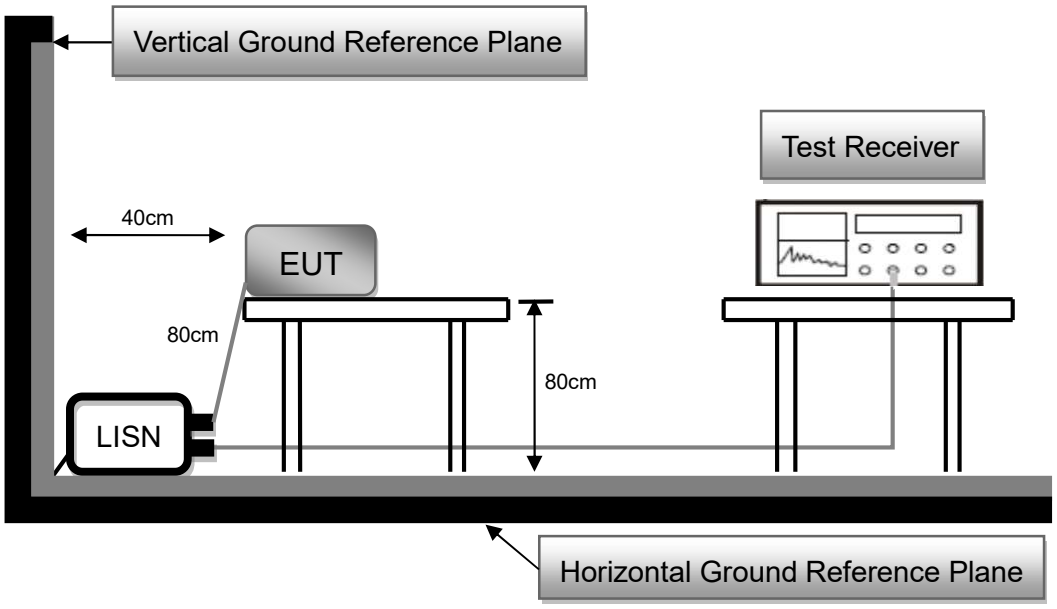
2.6 電源線傳導干擾

2.6.1 限制值

Frequency (MHz)	NCC LP0002 3.3 Limit	
	Quasi-peak	Average
0.15 to 0.5	66 to 56*	56 to 46*
0.50 to 5.0	56	46
5.0 to 30.0	60	50

*隨頻率之對數遞減

2.6.2 測試架構

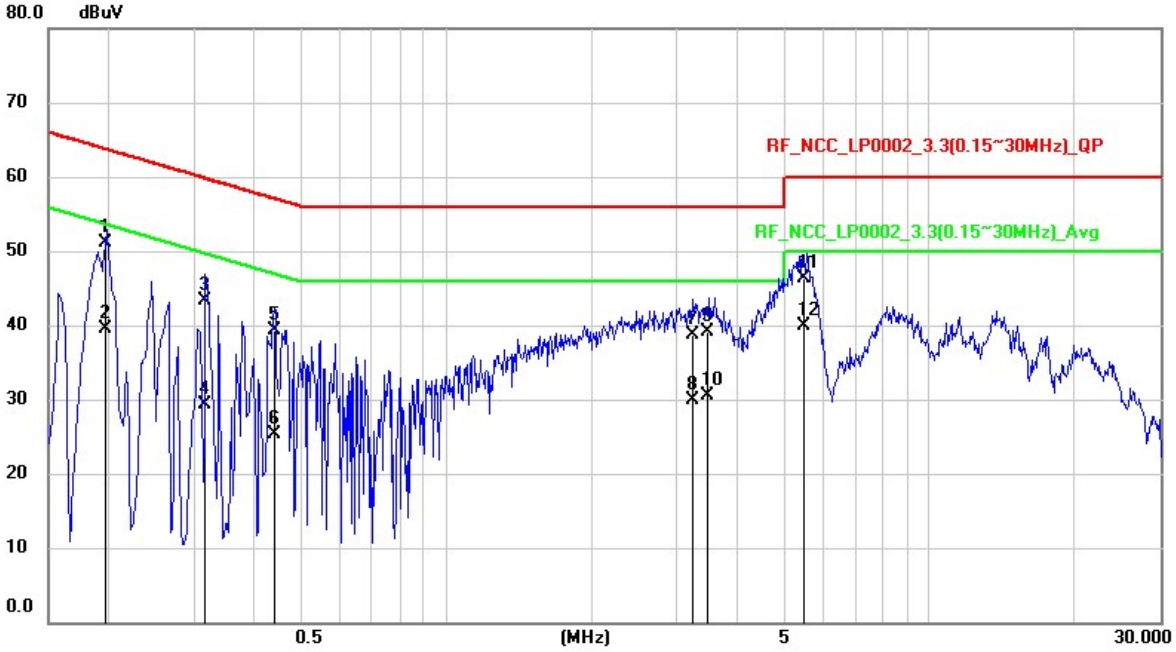


2.6.3 測試流程

1. 待測物從水平地平面放置 0.8 米高的木桌，待測物通過線路阻抗穩定網絡（LISN）連接到電源。 LISN 距離最近的待測物底盤至少 80 厘米。
2. 線路阻抗穩定網絡（LISN）為測量儀器提供 50 歐姆/ 50uH 的耦合阻抗。其他設備均由額外的 LISN 提供動力。
3. 懸掛在離地平面 40 厘米以內的相互關聯的電纜應在中心前後折疊形成一束。所有未連接到外圍設備的 I / O 電纜應在中心捆綁。如果需要，可以使用正確的終端阻抗終止電纜的末端。總長度不得超過 1 米。
4. EMI 測試接收器連接到 LISN 為待測物供電。實際測試配置請參考待測物測試照片。
5. 接收器在 150kHz 至 30MHz 範圍內掃描每種測試模式的發射。掃描兩條電源線，Line 和 Neutral，記錄至少六個最高排放。
6. 記錄上述最高排放水平的待測物和電纜配置。記錄了最差情況的測試數據。

2.6.4 測試結果

Test Voltage :	110Vac, 60Hz	Frequency Range:	0.15-30 MHz
Test Mode :	Mode 1：Transmit (802.11a	6dB Bandwidth :	9 kHz
Test Date :	110年12月23日	Phase :	L
Temperature :	25℃	Humidity :	65 %

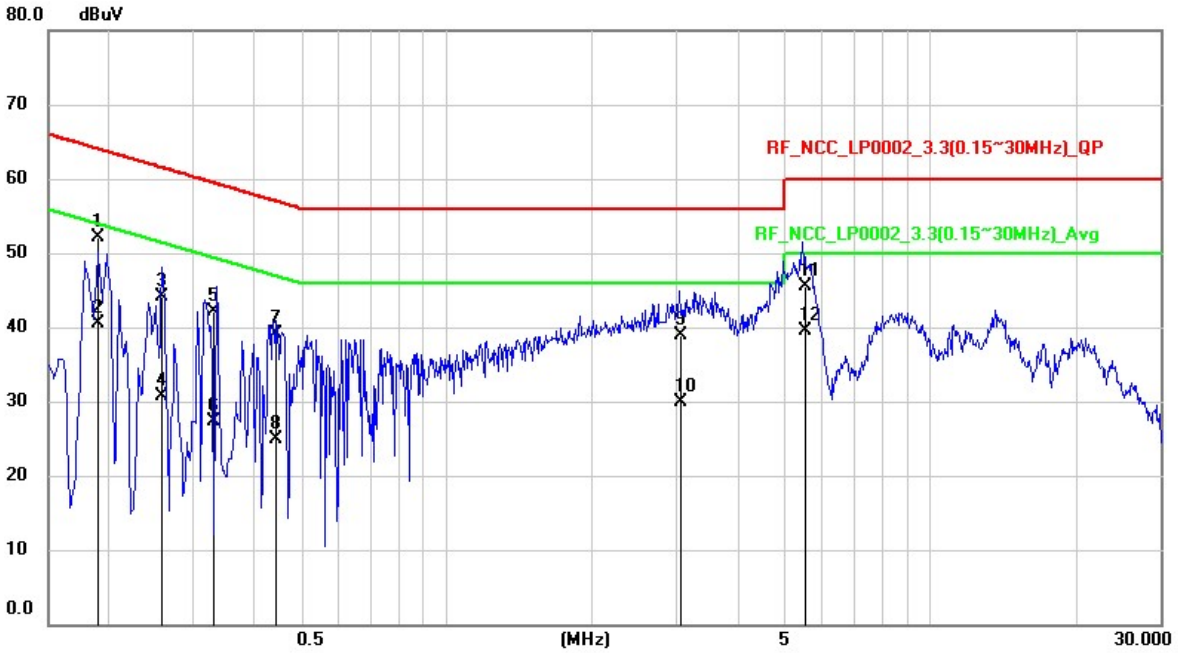


No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1964	41.32	9.81	51.13	63.76	-12.63	QP
2	0.1964	29.64	9.81	39.45	53.76	-14.31	AVG
3	0.3141	33.51	9.81	43.32	59.86	-16.54	QP
4	0.3141	19.41	9.81	29.22	49.86	-20.64	AVG
5	0.4403	29.41	9.81	39.22	57.06	-17.84	QP
6	0.4403	15.56	9.81	25.37	47.06	-21.69	AVG
7	3.2454	28.86	9.92	38.78	56	-17.22	QP
8	3.2454	20.01	9.92	29.93	46	-16.07	AVG
9	3.4612	29.12	9.93	39.05	56	-16.95	QP
10	3.4612	20.57	9.93	30.5	46	-15.5	AVG
11	5.5182	36.33	9.99	46.32	60	-13.68	QP
12	5.5182	29.95	9.99	39.94	50	-10.06	AVG

Remark:

1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value –Limit Value

Test Voltage :	110Vac, 60Hz	Frequency Range:	0.15-30 MHz
Test Mode :	Mode 1：Transmit (802.11a	6dB Bandwidth :	9 kHz
Test Date :	110年12月23日	Phase :	N
Temperature :	25℃	Humidity :	65 %



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1904	42.22	9.83	52.05	64.02	-11.97	QP
2	0.1904	30.77	9.83	40.6	54.02	-13.42	AVG
3	0.2579	34.23	9.83	44.06	61.5	-17.44	QP
4	0.2579	20.89	9.83	30.72	51.5	-20.78	AVG
5	0.3301	32.22	9.82	42.04	59.45	-17.41	QP
6	0.3301	17.52	9.82	27.34	49.45	-22.11	AVG
7	0.4438	29.35	9.81	39.16	56.99	-17.83	QP
8	0.4438	15.18	9.81	24.99	46.99	-22	AVG
9	3.0473	28.99	9.92	38.91	56	-17.09	QP
10	3.0473	20.02	9.92	29.94	46	-16.06	AVG
11	5.5008	35.51	9.99	45.5	60	-14.5	QP
12	5.5008	29.43	9.99	39.42	50	-10.58	AVG

Remark:

1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value –Limit Value

2.7 電波暴露量之評估

2.7.1 限制值

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

職業性/可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm^2)	平均時間 (minutes)
0.3～3	614	1.63	*100	6
3～30	1842 / f	4.89 / f	*900 / f^2	6
30～300	61.4	0.163	1.0	6
300～1,500	--	--	f / 300	6
1,500～100,000	--	--	5	6

註 1：標記*表平面波等效功率密度。
註 2：f 表測試頻率，單位：MHz。

一般人/不可控制之暴露

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

註 1：標記*表平面波等效功率密度。
註 2：f 表測試頻率，單位：MHz。

2.7.2 測試結果

Mode	Max. Power (E.I.R.P)		Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)	Result
	dBm	mW				
BT	19.84	96.38	20	0.01917	1	Pass
LE	19.46	88.31	20	0.01757	1	Pass
WLAN 2.4G	22.57	180.72	20	0.03595	1	Pass
WLAN 5G	21.86	153.46	20	0.03053	1	Pass

Note:

＊ Each Function of the max power which perform MPE of any configurations.

＊ The WLAN 2.4G、WLAN 5G、BT and LE cannot be transmitted at the same time.

＊ The frequency (range) used by the radio frequency function is 1.5GHz~100GHz, the RF field strength limits is e.i.r.p. less than or equal to 1mW/cm^2.

＊ The limit is equal to the minimum value.

＊ The Max total MPE = WLAN 2.4G = 0.03595 (mW/cm^2)

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