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NCC

低功率射頻器材型式試驗報告

產品名稱	: AC1300 Dual Antennas High Gain Wireless USB Adapter
型號	: Archer T4U Plus
廠牌	: tp-link
商標	: tp-link
申請者	: 聯洲國際有限公司
申請者地址	: 新北市板橋區中山路一段 156 號 4 樓
測試標準	: LP0002 (109 年版)
參考法規	: ANSI C63.10-2013
測試結果	: 符合
接收日期	: 2021/11/16
測試日期	: 2021/11/19~2022/1/14

測試工程師 : 許丞哲 (許丞哲)

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Testing Laboratory
3261

本測試報告僅對實驗室所受測之樣品負責
本測試報告非經本公司同意不可局部複製使用

修訂紀錄

報告編號	版本	描述	發行日期
2111TWE902-T2	1.0	Original Report	2022-03-03

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1. 一般資訊

申請者	聯洲國際有限公司
申請者地址	新北市板橋區中山路一段 156 號 4 樓
製造商	TP-Link Corporation Limited
實驗室	台灣曼瑞檢測科技有限公司
實驗室地址	33377 台灣桃園市龜山區復興二路 38 號
實驗室資訊	**1.** MRT facility is a FCC registered (Reg. No. 153292) test facility with the site description report on file and is designated by the FCC as an Accredited Test Firm. **2.** MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada. **3.** MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC (Designation Number: TW3261), Industry Taiwan, EU and TELEC Rules.
實驗室測試環境條件	溫度 (°C) : 20-35 / 濕度 (%RH) : 30-65

2. 產品描述

2.1 產品資訊

產品名稱	AC1300 Dual Antennas High Gain Wireless USB Adapter
產品型號	Archer T4U Plus
廠牌	tp-link
商標	tp-link
支援規格	**WLAN:** 2.4G: 802.11b/g/n-20/n-40 5G: 802.11a/n-20/ac-20/n-40/ac-40/ac-80, Band 1,2,3,4
Wi-Fi 規格	802.11a/n/ac (2TX / 2RX)
頻率範圍	**5GHz:** For 802.11a/n-HT20/ac-VHT-20: 5180~5320MHz, 5500~5720MHz, 5745~5825MHz For 802.11n-HT40/ ac-VHT40: 5190~5310MHz, 5510~5710MHz, 5755~5795MHz For 802.11ac-VHT80: 5210MHz, 5290MHz, 5530MHz, 5610MHz, 5690MHz, 5775MHz
最大輸出功率	802.11a_SISO_Ant 0: 22.86dBm 802.11ac-VHT20_MIMO_Ant 0+1: 23.25dBm 802.11ac-VHT40_MIMO_Ant 0+1: 23.30dBm 802.11ac-VHT80_MIMO_Ant 0+1: 23.81dBm
調變模式	802.11a/n-20/ac-20/n-40/ac-40/ac-80: OFDM (BPSK, QPSK, 16QAM, 64QAM,256QAM)
配件	
USB3.0 Cable	Brand: tp-link M/N: 3008500219 Length: 1.0m

2.2 產品規格

802.11n-HT20/ ac-VHT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz
48	5240 MHz	52	5260 MHz	56	5280 MHz
60	5300 MHz	64	5320 MHz	100	5500 MHz
104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz
128	5640 MHz	132	5660 MHz	136	5680 MHz
140	5700 MHz	144	5720 MHz	149	5745 MHz
153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz	--	--	--	--

802.11n-HT40/ ac-VHT40

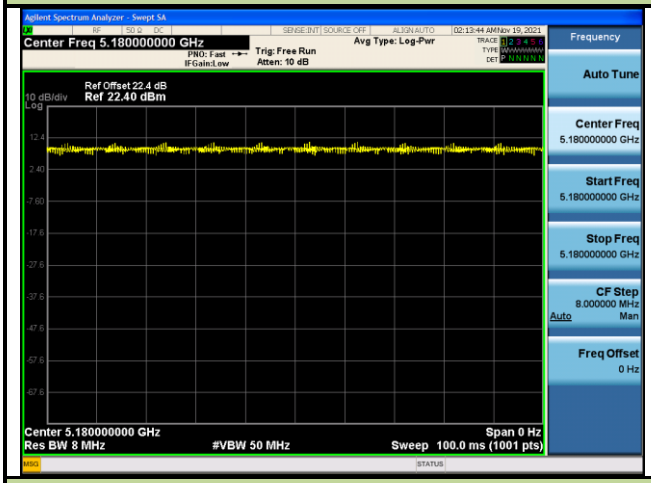
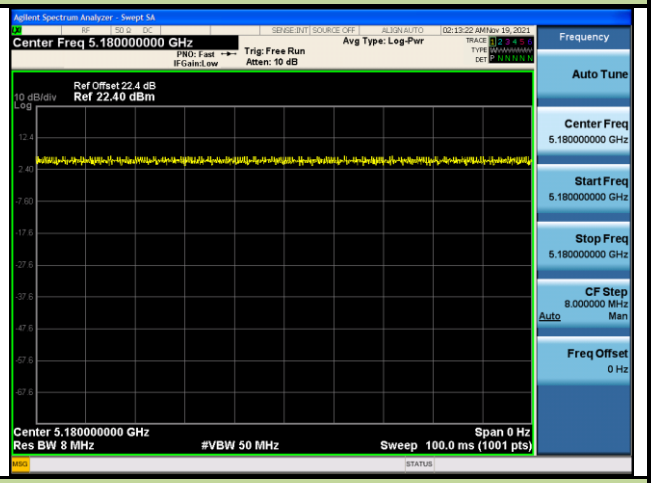
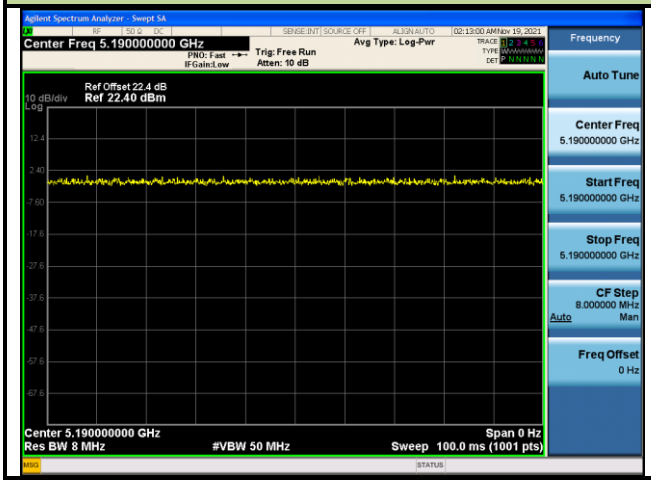
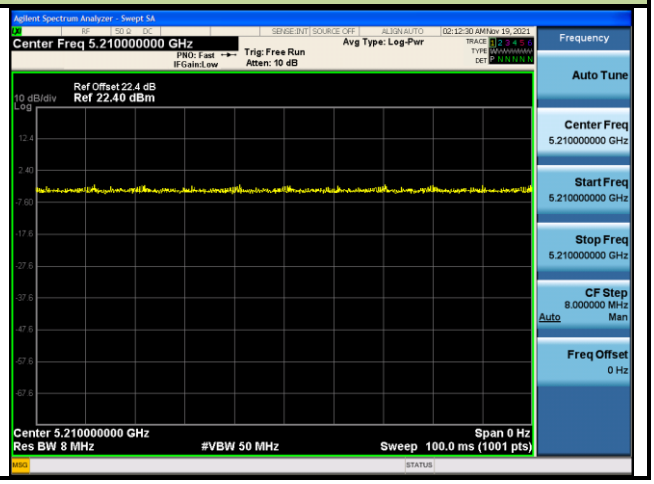
Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz
62	5310 MHz	102	5510 MHz	110	5550 MHz
118	5590 MHz	126	5630 MHz	134	5670 MHz
142	5710 MHz	151	5755 MHz	159	5795 MHz

802.11ac-VHT80

Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530 MHz
122	5610 MHz	138	5690 MHz	155	5775 MHz

Duty Cycle

Test Mode	Duty Cycle
802.11a	100%
802.11ac-VHT20	100%
802.11ac-VHT40	100%
802.11ac-VHT80	100%

802.11a	802.11 ac20
	
802.11 ac40	**802.11 ac80**
	

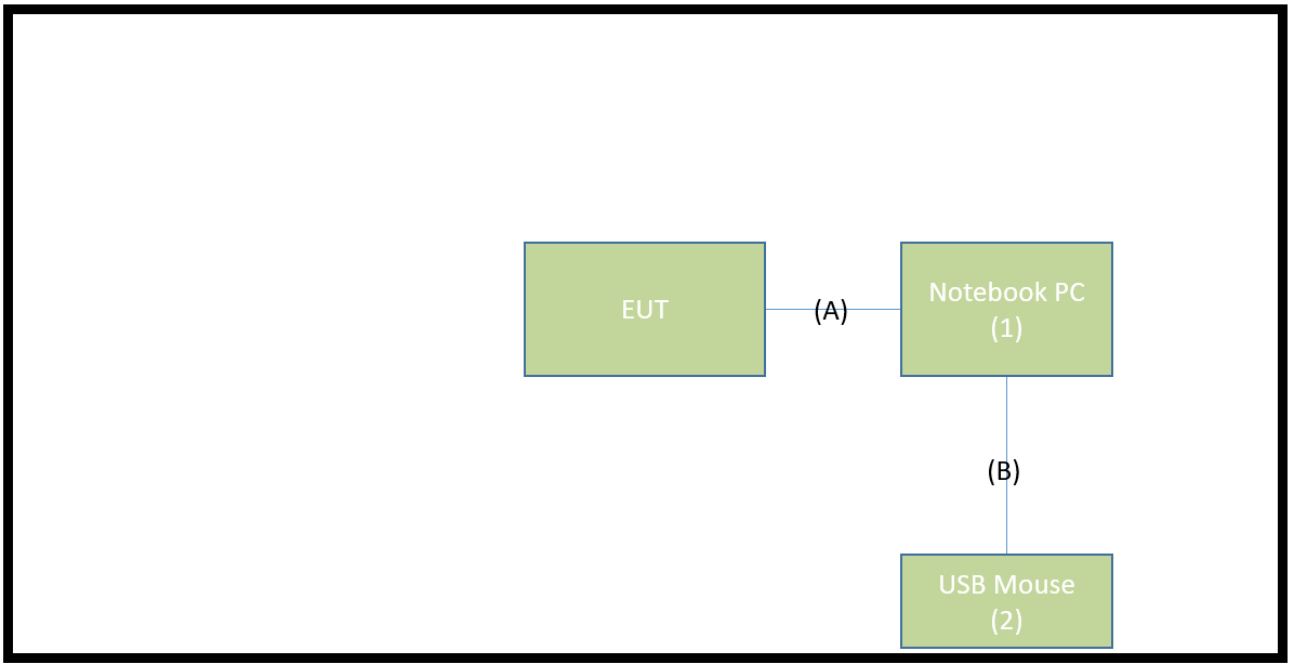
2.3 測試模式

Test Mode	Mode 1: Transmit by 802.11a_SISO_Ant 0
	Mode 2: Transmit by 802.11ac-VHT20_MIMO_Ant 0+1
	Mode 3: Transmit by 802.11ac-VHT40_MIMO_Ant 0+1
	Mode 4: Transmit by 802.11ac-VHT80_MIMO_Ant 0+1
	Mode 5: Receive by 802.11ac-VHT20_MIMO_Ant 0+1

Note: Since 802.11n and 802.11ac have the same modulation/data rate/bandwidth,So,we select 802.11n-HT20 and HT40 are covered by 802.11ac-VHT20 and VHT40 in this report.

2.4 測試配置

待測物測試配置圖



Signal Cable Type		Signal Cable Description
A	USB Cable	Shielded, 1.0m
B	USB Mouse Cable	Shielded, 1.6m

2.5 測試周邊

待測裝置測試時，其搭配系統測試時之週邊裝置包括如下:

No.	周邊名稱	廠牌	型號	序號	電源線
1	Notebook PC	Lenovo	T450	N/A	Non-shielded, 0.8m
2	USB Mouse	Lenovo	M110	N/A	N/A

2.6 操作程序

1.	Turn on the power of all equipment.
2.	Execute “Realtek 11ac 8822B USB WLAN MP V0.17” program
3.	Configure the test channel and the data rate.
4.	Start test.

3. 測試設備明細

傳導干擾 -SR2

儀器名稱	廠牌	型號	財產編號	校正週期	有效日期
Two-Line V-Network	R&S	ENV216	MRTTWA00019	1 year	2022/3/23
Two-Line V-Network	R&S	ENV216	MRTTWA00020	1 year	2022/4/28
8-Wire ISN (T8)	R&S	ENY81	MRTTWA00018	1 year	2022/5/30
Cable	Rosnol	N1C50-RG400-B1C50-500CM	MRTTWE00013	1 year	2022/6/20
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2022/3/24

輻射干擾 – AC2

儀器名稱	廠牌	型號	財產編號	校正週期	有效日期
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00001	1 year	2022/10/4
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2022/3/24
Acitve Loop Antenna	Schwarzbeck	FMZB 1519B	MRTTWA00002	1 year	2022/5/6
Broadband Hornantenna	RFSPIN	DRH18-E	MRTTWA00087	1 year	2022/8/31
Breitband Hornantenna	Schwarzbeck	BBHA 9170	MRTTWA00004	1 year	2022/4/28
Broadband Preamplifier	EMC Instruments corporation	EMC118A45SE	MRTTWA00088	1 year	2022/8/31
Broadband Preamplifier	SCHWARZBECK	BBV 9718	MRTTWA00005	1 year	2022/4/21
Cable	HUBERSUHNER	SF106	MRTTWE00034	1 year	2022/6/28

傳導量測設備 –SR5

儀器名稱	廠牌	型號	財產編號	校正週期	有效日期
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2022/10/18
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2022/7/19
X-Series USB Peak and Average Power Sensor	KEYSIGHT	U2021XA	MRTTWA00015	1 year	2022/3/24

EMI 測試軟體

軟體名稱	廠牌	版本
e3	Audix	9.160520a
EMI	Quietek	V3

4. 量測不確定度

電源傳導量測-電源線 (Conducted Emission- Power Line)
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 0.15MHz~30MHz: ± 2.53dB
輻射干擾量測 (Radiated Spurious Emission)
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 9kHz~30MHz: ± 3.92dB 30MHz~1GHz: ± 4.25dB 1GHz~18GHz: ± 4.40dB 18GHz~40GHz: ± 4.45dB
頻率誤差量測 (Frequency Error)
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ±78.4Hz
傳導功率量測 (Conducted Power)
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ± 0.84dB
傳導干擾量測 (Conducted Spurious Emission)
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ± 2.65 dB
佔用頻寬量測 (Occupied Bandwidth)
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ± 3.3%
溫度 / 濕度 (Temp. / Humidity)
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ±0.82°C/ ±3%
直流電源 (DC Voltage)
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ±0.3%

5. 測試結果

產品名稱	**AC1300 Dual Antennas High Gain Wireless USB Adapter**
型號	**Archer T4U Plus**

章節	量測項目	限制值	測試結果	測試數據
3.3	電源傳導	低功率射頻器材技術規範 3.3 節	符合	第 5.1 章節
5.7.3	峰值傳導輸出功率	≦ 24.00dBm for Band 1~3; ≦ 30.00dBm for Band 4	符合	第 5.2 章節
5.7.8	天線之要求	低功率射頻器材技術規範 3.3 節	符合	第 5.3 章節
3.6	輻射電場強度	低功率射頻器材技術規範 3.6 節	符合	第 5.5 章節
3.5 5.7.4.2	頻帶邊緣	≦ 74dBuV/m(Peak) ≦ 54dBuV/m(Average)	符合	第 5.6 章節
5.7.5	占用頻寬	≧ 500KHz (6dB Bandwidth)	符合	第 5.7 章節
5.7.3	功率頻譜密度	≦ 11dBm / MHz for Band 1~3; ≦ 30dBm / 500kHz for Band 4	符合	第 5.8 章節

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

5.1 電源傳導測試

5.1.1 量測方法

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

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

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

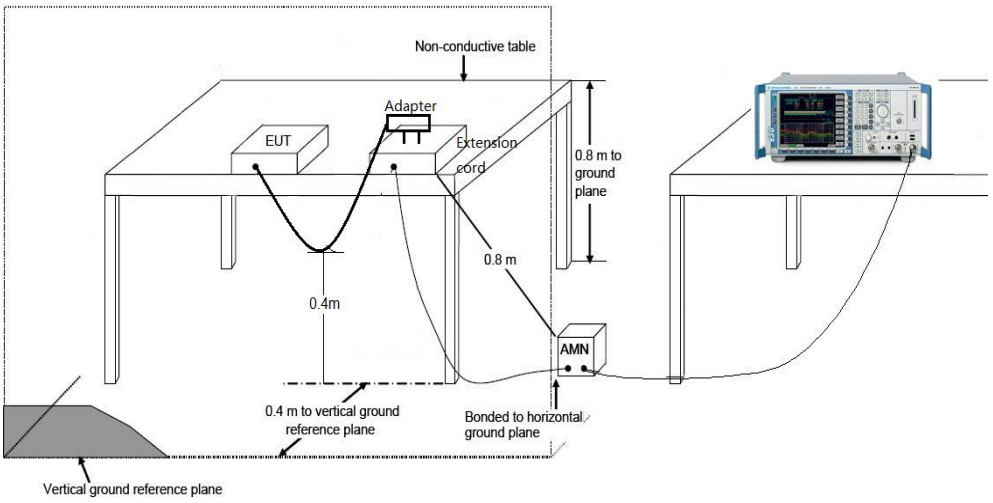
5.1.2 限制要求

以市電為電源之低功率射頻器材，其傳導回電源線上頻率自150kHz至30MHz之射頻電壓(在電源端子每一電源線對接地點)應小於或等於下表所列之限值。測量時應經過50微亨利(μH)及50歐姆(Ω)之電源線阻抗模擬網路(LISN)。頻率重疊處，以較低限值為準。

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

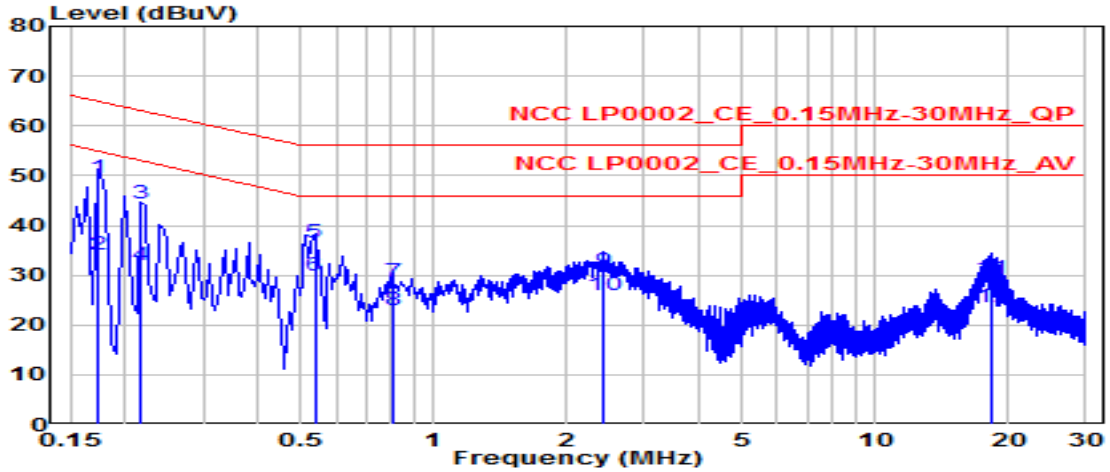
註:隨頻率之對數遞減

5.1.3 測試架構圖



5.1.4 電源端點測試結果

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-19
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.5°C /66%
Polarity	Line1	Site / Test Engineer	SR2 / Dean
Test Mode	802.11n-20_TX_Band1_CH44_Ant 0	Test Voltage	AC 110V/60Hz

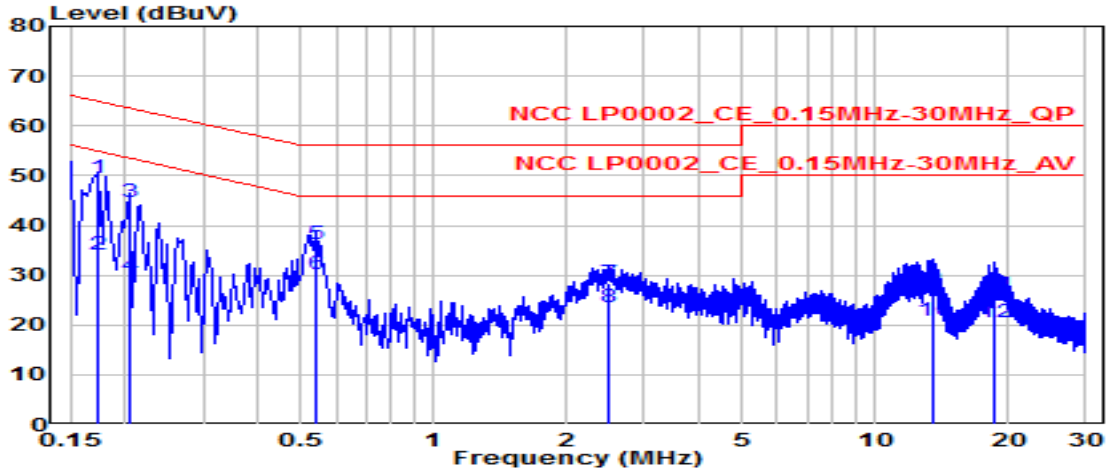


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.172	40.04	9.61	49.65	-15.19	64.84	QP
2	*	0.172	24.61	9.61	34.22	-20.62	54.84	Average
3		0.217	34.84	9.61	44.45	-18.46	62.91	QP
4		0.217	22.28	9.61	31.89	-21.02	52.91	Average
5		0.537	27.03	9.63	36.66	-19.34	56.00	QP
6		0.537	20.28	9.63	29.91	-16.09	46.00	Average
7		0.807	19.07	9.65	28.72	-27.28	56.00	QP
8		0.807	13.29	9.65	22.94	-23.06	46.00	Average
9		2.422	21.15	9.70	30.85	-25.15	56.00	QP
10		2.422	16.20	9.70	25.90	-20.10	46.00	Average
11		18.319	19.25	9.96	29.21	-30.79	60.00	QP
12		18.319	13.71	9.96	23.67	-26.33	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-19
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.5°C /66%
Polarity	Neutral	Site / Test Engineer	SR2 / Dean
Test Mode	802.11n-20_TX_Band1_CH44_Ant 0	Test Voltage	AC 110V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.172	39.80	9.62	49.41	-15.43	64.84	QP
2	*	0.172	24.44	9.62	34.06	-20.78	54.84	Average
3		0.204	34.95	9.61	44.57	-18.88	63.45	QP
4		0.204	20.14	9.61	29.76	-23.69	53.45	Average
5		0.541	26.68	9.64	36.32	-19.68	56.00	QP
6		0.541	20.58	9.64	30.21	-15.79	46.00	Average
7		2.490	18.68	9.70	28.38	-27.62	56.00	QP
8		2.490	13.88	9.70	23.58	-22.42	46.00	Average
9		13.559	17.21	9.94	27.15	-32.85	60.00	QP
10		13.559	11.01	9.94	20.95	-29.05	50.00	Average
11		18.666	15.94	10.03	25.97	-34.03	60.00	QP
12		18.666	10.43	10.03	20.46	-29.54	50.00	Average

Note:

1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

5.2 峰值傳導輸出功率

5.2.1 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀RF輸入端，設定頻譜分析儀之解析度頻寬大於6dB發射頻寬或使用峰值功率表。除使用上述測量方式外,並得使用以最大傳導輸出功率作為測量方式(最大傳導輸出功率必須使用依據均方根等效電壓校準之儀器測量於任何連續傳輸之時段，測量結果須依儀器限制(如偵測器反應時間、相較於發射頻寬有限之解析頻寬能力，靈敏度等)調整得出正確之峰值測量。

5.2.2 限制要求

1. 使用於5.15 GHz～5.25 GHz 頻段

(1)供戶外操作使用:

(A)最大傳導輸出功率應小於或等於1 W。

(B)在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於17 dBm。

(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。

(D)在水平面仰角超過30 度時，其最大EIRP 應小於或等於21 dBm。

(2)供室內操作使用:

(A)最大傳導輸出功率應小於或等於1 W。

(B)在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於17 dBm。

(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:

(A)最大傳導輸出功率應小於或等於1 W。

(B)在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於17 dBm。

(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:

(A)最大傳導輸出功率應小於或等於250 mW。

(B)在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於11 dBm。

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

(1)最大傳導輸出功率應小於或等於250 mW或11dBm+10log B (B 是26 dB發射頻寬，單位MHz)之較小者。

(2)最大功率頻譜密度在任何1 MHz 頻帶中應小於或等於11 dBm。

(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。

3. 使用頻率於5.725 GHz～5.850 GHz 頻段

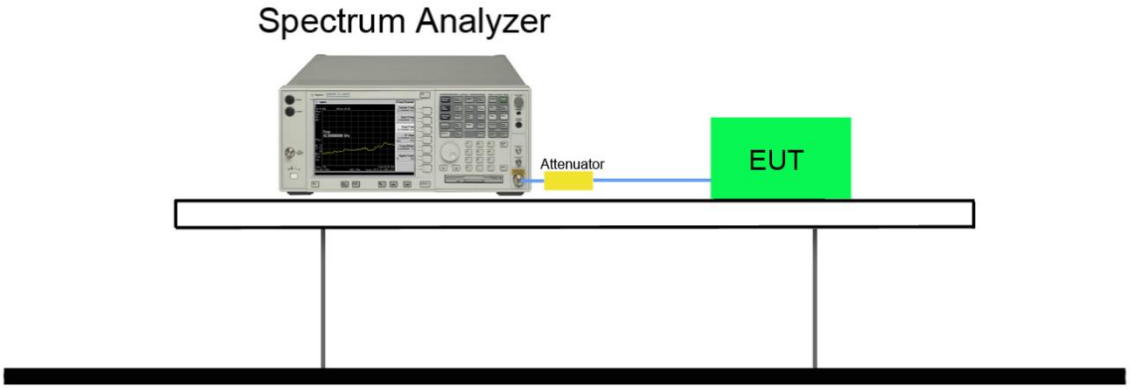
(1)最大傳導輸出功率應小於或等於1 W。

(2)在任何500 kHz 頻帶中最大功率頻譜密度應小於或等於30 dBm。

(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。

5.2.3 測試架構圖



5.2.4 峰值傳導輸出功率測試結果

待測物名稱	AC1300 Dual Antennas High Gain Wireless USB Adapter							測試日期	2021/11/26
待測物型號	Archer T4U Plus							溫度 / 濕度	23°C / 55%
測試場地 / 測試工程師	SR5 / Eric								
5GHz 802.11a SISO Ant 0_RF Output Power (dBm)									
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)							Required Limit
		6	9	12	18	24	36	48	54	
36	5180	19.26	--	--	--	--	--	--	--	24 dBm
44	5220	19.92	19.85	19.56	19.42	19.27	19.20	19.00	18.77	24 dBm
48	5240	20.13	--	--	--	--	--	--	--	24 dBm
52	5260	19.44	--	--	--	--	--	--	--	24 dBm
60	5300	19.54	19.45	19.35	19.31	19.29	19.25	19.21	19.20	24 dBm
64	5320	19.75	--	--	--	--	--	--	--	24 dBm
100	5500	19.94	--	--	--	--	--	--	--	24 dBm
120	5600	21.19	21.09	21.02	21.00	20.91	20.88	20.81	20.79	24 dBm
140	5700	20.08	--	--	--	--	--	--	--	24 dBm
144	5720	21.20	--	--	--	--	--	--	--	24 dBm
149	5745	21.17	--	--	--	--	--	--	--	30 dBm
157	5785	22.11	22.00	21.98	21.74	21.56	21.32	21.22	21.16	30 dBm
165	5825	22.86	--	--	--	--	--	--	--	30 dBm

備 註：

1. 此項量測係採用頻譜分析儀。

2. 此量測值已含工作週期因子及線材損耗(Band1,2 Cable Loss=1.2dB, Band3,4 Cable Loss=1.5dB)

5GHz 802.11ac-VHT20 MIMO Ant 0_RF Output Power (dBm)												
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
36	5180	16.92	--	--	--	--	--	--	--	--	--	24 dBm
44	5220	17.50	17.21	17.00	16.80	16.77	16.56	16.34	16.22	16.20	16.14	24 dBm
48	5240	16.57	--	--	--	--	--	--	--	--	--	24 dBm
52	5260	16.73	--	--	--	--	--	--	--	--	--	24 dBm
60	5300	15.96	15.91	15.70	15.66	15.61	15.45	16.41	15.22	15.13	15.01	24 dBm
64	5320	18.34	--	--	--	--	--	--	--	--	--	24 dBm
100	5500	16.63	--	--	--	--	--	--	--	--	--	24 dBm
120	5600	16.90	16.88	16.71	16.54	16.23	16.03	15.87	15.78	15.67	15.58	24 dBm
140	5700	16.16	--	--	--	--	--	--	--	--	--	24 dBm
144	5720	16.94	--	--	--	--	--	--	--	--	--	24 dBm
149	5745	20.57	--	--	--	--	--	--	--	--	--	30 dBm
157	5785	20.52	20.41	20.36	20.19	20.02	19.92	19.80	19.62	19.50	19.42	30 dBm
165	5825	20.92	--	--	--	--	--	--	--	--	--	30 dBm

備 註：

1. 此項量測係採用頻譜分析儀。

2. 此量測值已含工作週期因子及線材損耗(Band1,2 Cable Loss=1.2dB, Band3,4 Cable Loss=1.5dB)

5GHz 802.11ac-VHT20 MIMO Ant 1_RF Output Power (dBm)												
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
36	5180	17.53	--	--	--	--	--	--	--	--	--	24 dBm
44	5220	16.31	16.20	16.13	16.02	16.00	15.98	15.91	15.50	15.41	15.36	24 dBm
48	5240	17.38	--	--	--	--	--	--	--	--	--	24 dBm
52	5260	16.04	--	--	--	--	--	--	--	--	--	24 dBm
60	5300	16.66	16.50	16.42	16.32	16.07	16.00	15.98	15.78	15.67	15.39	24 dBm
64	5320	18.37	--	--	--	--	--	--	--	--	--	24 dBm
100	5500	17.21	--	--	--	--	--	--	--	--	--	24 dBm
120	5600	16.57	16.45	16.34	16.15	16.04	16.00	15.87	15.78	15.77	15.62	24 dBm
140	5700	17.16	--	--	--	--	--	--	--	--	--	24 dBm
144	5720	16.16	--	--	--	--	--	--	--	--	--	24 dBm
149	5745	19.79	--	--	--	--	--	--	--	--	--	30 dBm
157	5785	19.95	19.84	19.66	19.52	19.44	19.32	19.26	19.15	19.04	18.88	30 dBm
165	5825	19.15	--	--	--	--	--	--	--	--	--	30 dBm

備 註：

1. 此項量測係採用頻譜分析儀。

2. 此量測值已含工作週期因子及線材損耗(Band1,2 Cable Loss=1.2dB, Band3,4 Cable Loss=1.5dB)

5GHz 802.11ac-VHT20 MIMO Ant 0+1_RF Output Power (dBm)												
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
36	5180	20.25	--	--	--	--	--	--	--	--	--	24 dBm
44	5220	19.96	19.74	19.60	19.44	19.41	19.29	19.14	18.89	18.83	18.78	24 dBm
48	5240	20.00	--	--	--	--	--	--	--	--	--	24 dBm
52	5260	19.41	--	--	--	--	--	--	--	--	--	24 dBm
60	5300	19.33	19.23	19.09	19.01	18.86	18.74	19.21	18.52	18.42	18.21	24 dBm
64	5320	21.37	--	--	--	--	--	--	--	--	--	24 dBm
100	5500	19.94	--	--	--	--	--	--	--	--	--	24 dBm
120	5600	19.75	19.68	19.54	19.36	19.15	19.03	18.88	18.79	18.73	18.61	24 dBm
140	5700	19.70	--	--	--	--	--	--	--	--	--	24 dBm
144	5720	19.58	--	--	--	--	--	--	--	--	--	24 dBm
149	5745	23.21	--	--	--	--	--	--	--	--	--	30 dBm
157	5785	23.25	23.14	23.03	22.88	22.75	22.64	22.55	22.40	22.29	22.17	30 dBm
165	5825	23.13	--	--	--	--	--	--	--	--	--	30 dBm

備 註：

1. 此項量測係採用頻譜分析儀。

2. 此量測值已含工作週期因子及線材損耗(Band1,2 Cable Loss=1.2dB, Band3,4 Cable Loss=1.5dB)

4. The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)}\}$.

5GHz 802.11ac-VHT40 MIMO Ant 0_RF Output Power (dBm)												
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
38	5190	19.69	--	--	--	--	--	--	--	--	--	24 dBm
46	5230	18.96	18.91	18.54	18.37	18.33	18.00	17.89	17.82	17.70	17.60	24 dBm
54	5270	19.28	--	--	--	--	--	--	--	--	--	24 dBm
62	5310	19.15	19.10	19.02	18.88	18.86	18.71	18.67	18.50	18.45	18.42	24 dBm
102	5510	18.57	--	--	--	--	--	--	--	--	--	24 dBm
110	5550	19.91	19.87	19.67	19.53	19.49	19.32	19.11	19.00	18.88	18.84	24 dBm
134	5670	19.09	--	--	--	--	--	--	--	--	--	24 dBm
142	5710	18.99	--	--	--	--	--	--	--	--	--	24 dBm
151	5755	19.10	--	--	--	--	--	--	--	--	--	30 dBm
159	5795	19.85	19.80	19.73	19.71	19.64	19.55	19.42	19.33	19.22	19.14	30 dBm

備 註 ：

1. 此項量測係採用頻譜分析儀。

2. 此量測值已含工作週期因子及線材損耗(Band1,2 Cable Loss=1.2dB, Band3,4 Cable Loss=1.5dB)

5GHz 802.11ac-VHT40 MIMO Ant 1_RF Output Power (dBm)												
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
38	5190	19.38	--	--	--	--	--	--	--	--	--	24 dBm
46	5230	20.38	20.31	20.22	20.00	19.63	19.61	19.54	19.53	19.52	19.15	24 dBm
54	5270	19.60	--	--	--	--	--	--	--	--	--	24 dBm
62	5310	20.23	20.15	20.02	19.87	19.22	19.10	18.88	18.55	18.47	18.41	24 dBm
102	5510	20.20	--	--	--	--	--	--	--	--	--	24 dBm
110	5550	19.08	19.00	18.78	18.75	18.64	18.32	18.21	18.17	18.13	18.04	24 dBm
134	5670	19.17	--	--	--	--	--	--	--	--	--	24 dBm
142	5710	19.34	--	--	--	--	--	--	--	--	--	24 dBm
151	5755	19.51	--	--	--	--	--	--	--	--	--	30 dBm
159	5795	20.68	20.50	20.41	20.32	20.08	19.99	19.56	19.42	19.40	19.37	30 dBm

備 註 ：

1. 此項量測係採用頻譜分析儀。

2. 此量測值已含工作週期因子及線材損耗(Band1,2 Cable Loss=1.2dB, Band3,4 Cable Loss=1.5dB)

5GHz 802.11ac-VHT40 MIMO Ant 0+1_RF Output Power (dBm)												
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
38	5190	22.55	--	--	--	--	--	--	--	--	--	24 dBm
46	5230	22.74	22.68	22.47	22.27	22.04	21.89	21.80	21.77	21.71	21.45	24 dBm
54	5270	22.45	--	--	--	--	--	--	--	--	--	24 dBm
62	5310	22.73	22.67	22.56	22.41	22.05	21.92	21.79	21.54	21.47	21.43	24 dBm
102	5510	22.47	--	--	--	--	--	--	--	--	--	24 dBm
110	5550	22.53	22.47	22.26	22.17	22.10	21.86	21.69	21.62	21.53	21.47	24 dBm
134	5670	22.14	--	--	--	--	--	--	--	--	--	24 dBm
142	5710	22.18	--	--	--	--	--	--	--	--	--	24 dBm
151	5755	22.32	--	--	--	--	--	--	--	--	--	30 dBm
159	5795	23.30	23.17	23.09	23.04	22.88	22.79	22.50	22.39	22.32	22.27	30 dBm

備 註：

1. 此項量測係採用頻譜分析儀。

2. 此量測值已含工作週期因子及線材損耗(Band1,2 Cable Loss=1.2dB, Band3,4 Cable Loss=1.5dB)

4. The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)}\}$.

5GHz 802.11ac-VHT80 MIMO Ant 0_RF Output Power (dBm)												
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
42	5210	17.53	17.47	17.35	17.25	17.22	17.17	17.00	16.89	16.88	16.78	24 dBm
58	5290	18.29	18.00	17.88	17.82	17.70	17.68	17.67	17.66	17.65	17.64	24 dBm
106	5530	19.11	--	--	--	--	--	--	--	--	--	24 dBm
122	5610	20.96	20.88	20.78	20.75	20.46	20.41	20.32	20.12	20.00	19.85	24 dBm
138	5690	20.43	--	--	--	--	--	--	--	--	--	24 dBm
155	5775	20.14	19.99	19.84	19.75	19.62	19.55	19.36	19.22	19.15	19.02	30 dBm
5GHz 802.11ac-VHT80 MIMO Ant 1_RF Output Power (dBm)												
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
42	5210	18.72	18.68	18.56	18.34	18.12	18.02	18.00	17.68	17.65	17.52	24 dBm
58	5290	19.75	19.67	19.52	19.45	19.33	19.23	19.00	18.89	18.78	18.75	24 dBm
106	5530	19.76	--	--	--	--	--	--	--	--	--	24 dBm
122	5610	20.52	20.33	20.14	20.00	19.93	19.81	19.64	19.56	19.47	19.34	24 dBm
138	5690	21.14	--	--	--	--	--	--	--	--	--	24 dBm
155	5775	20.25	20.06	19.91	19.80	19.62	19.54	19.41	19.33	19.18	19.04	30 dBm

備 註：

1. 此項量測係採用頻譜分析儀。

2. 此量測值已含工作週期因子及線材損耗(Band1,2 Cable Loss=1.2dB, Band3,4 Cable Loss=1.5dB)

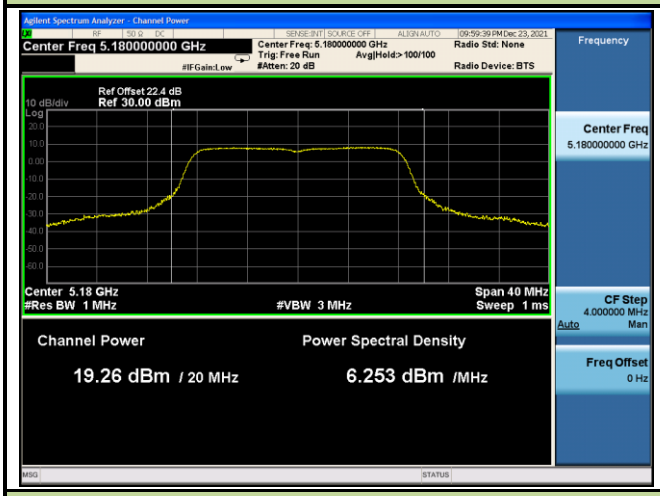
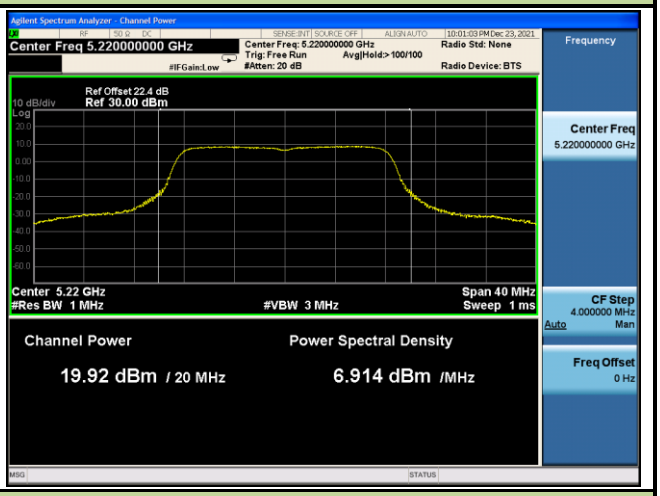
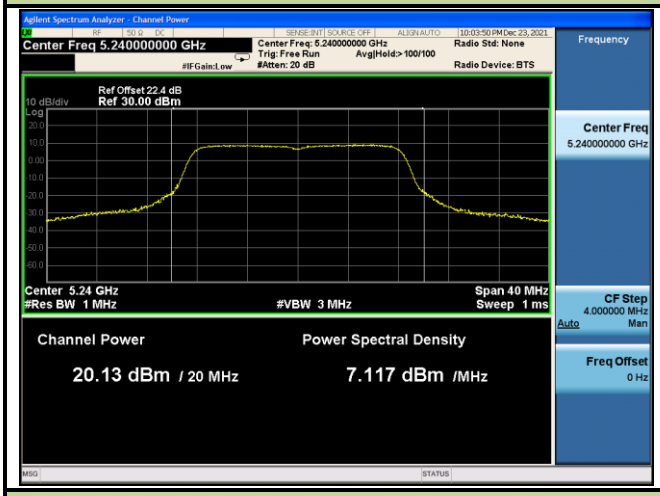
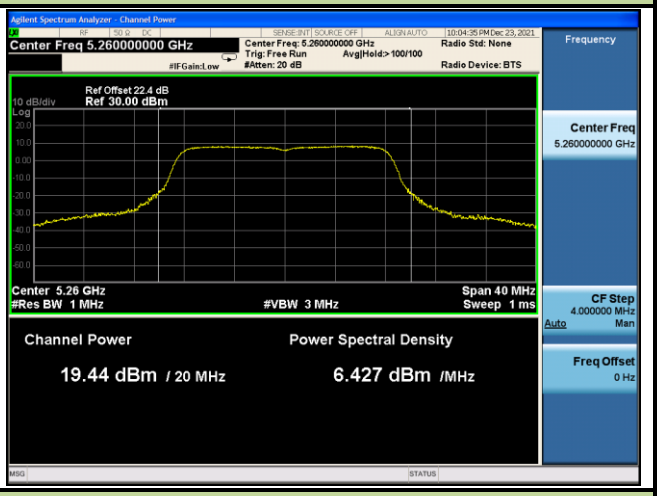
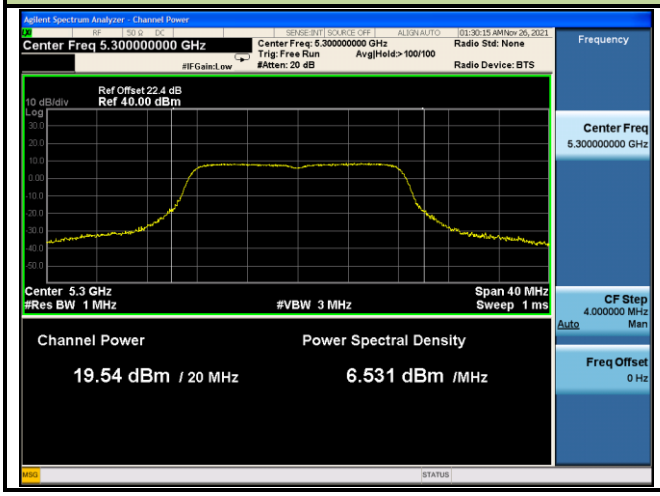
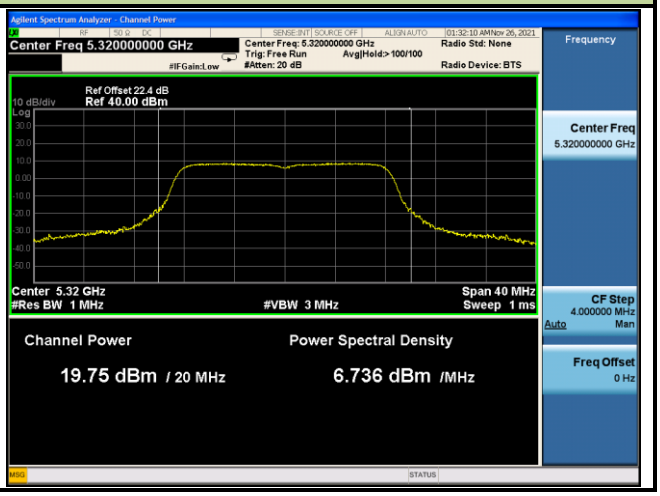
5GHz 802.11ac-VHT80 MIMO Ant 0+1_RF Output Power (dBm)												
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
42	5210	21.18	21.13	21.01	20.84	20.70	20.63	20.54	20.31	20.29	20.18	24 dBm
58	5290	22.09	21.93	21.79	21.72	21.60	21.53	21.40	21.33	21.26	21.24	24 dBm
106	5530	22.46	--	--	--	--	--	--	--	--	--	24 dBm
122	5610	23.76	23.62	23.48	23.40	23.21	23.13	23.00	22.86	22.75	22.61	24 dBm
138	5690	23.81	--	--	--	--	--	--	--	--	--	24 dBm
155	5775	23.21	23.04	22.89	22.79	22.63	22.56	22.40	22.29	22.18	22.04	30 dBm

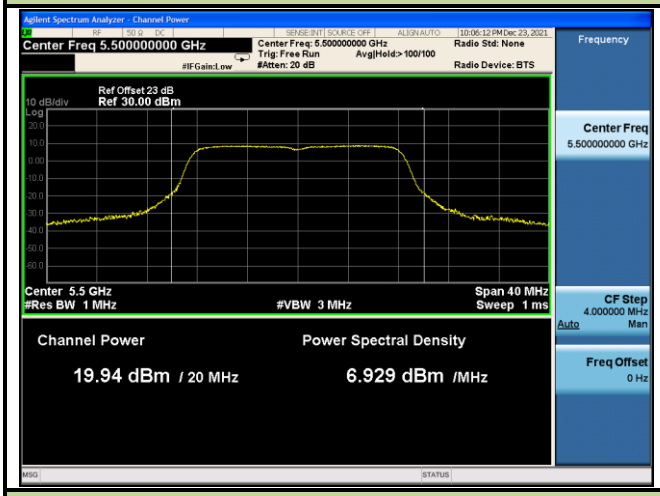
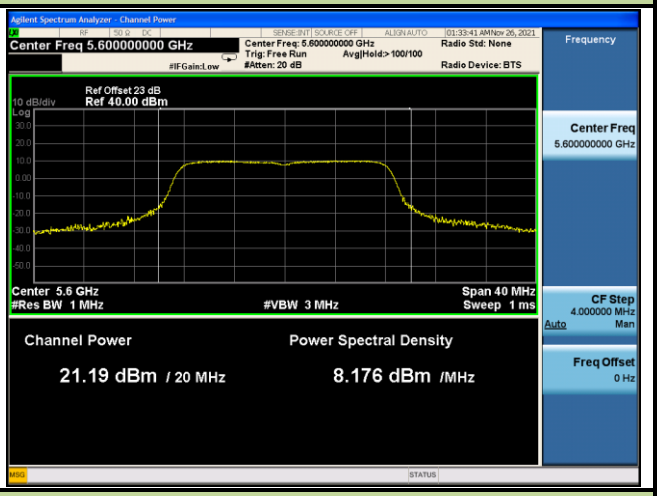
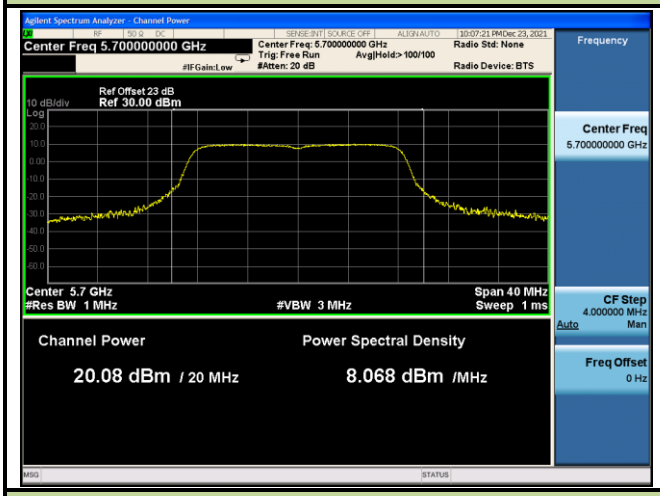
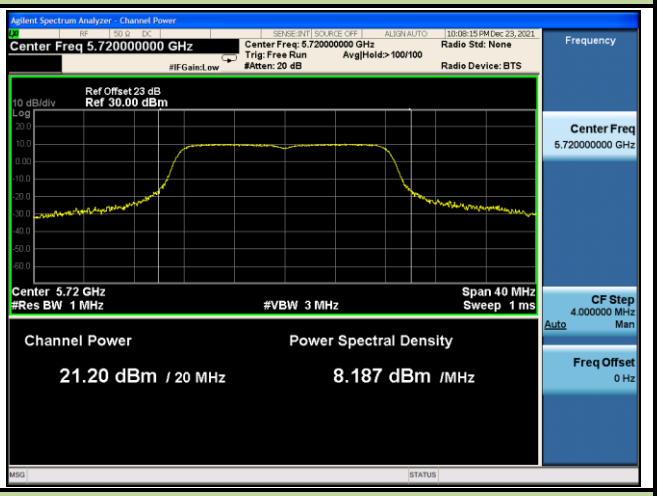
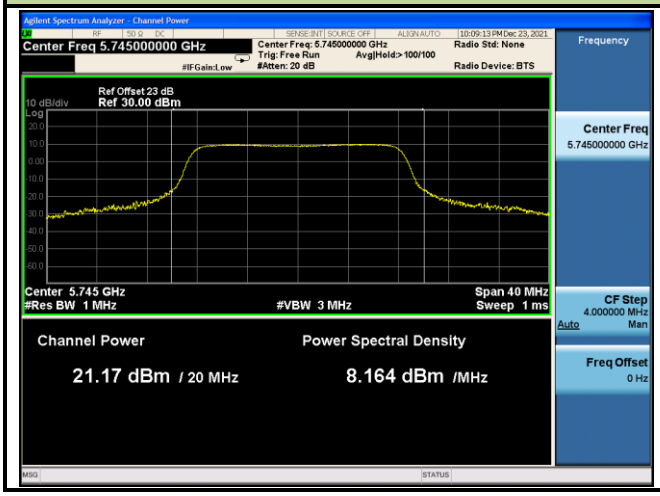
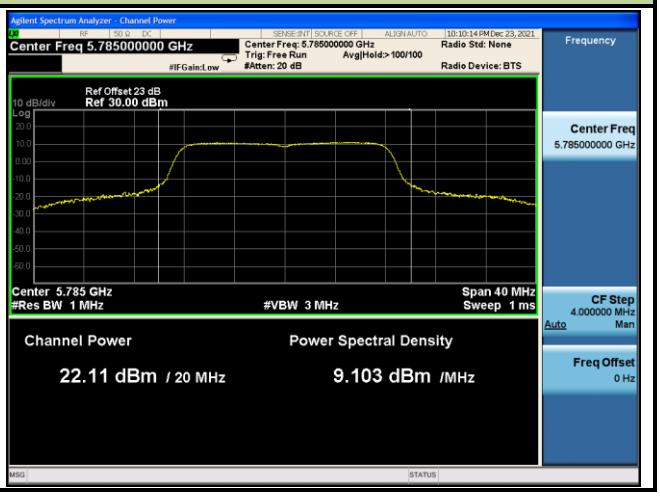
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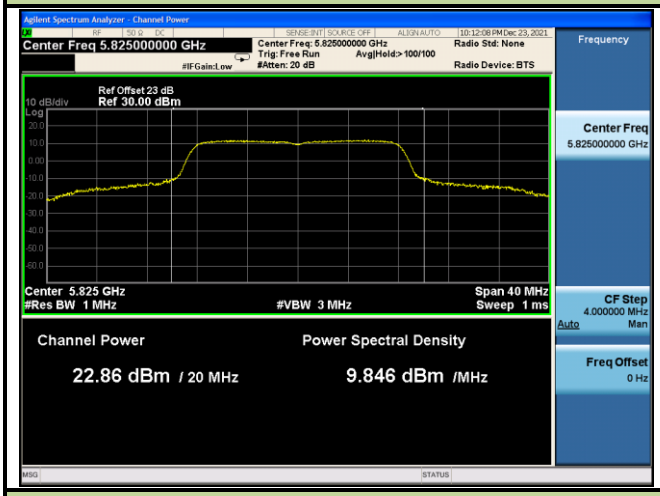
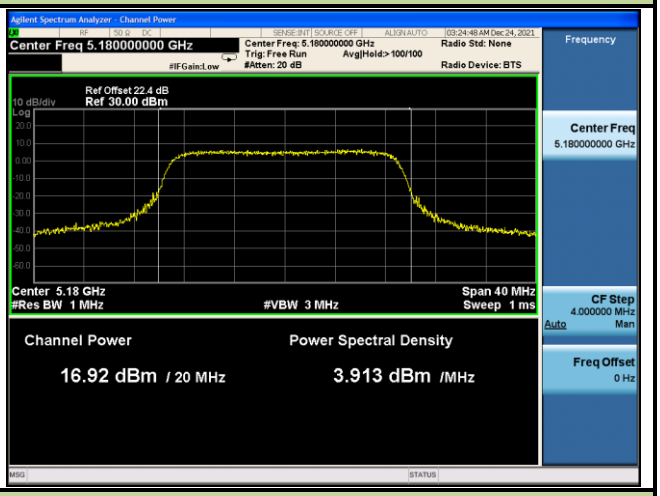
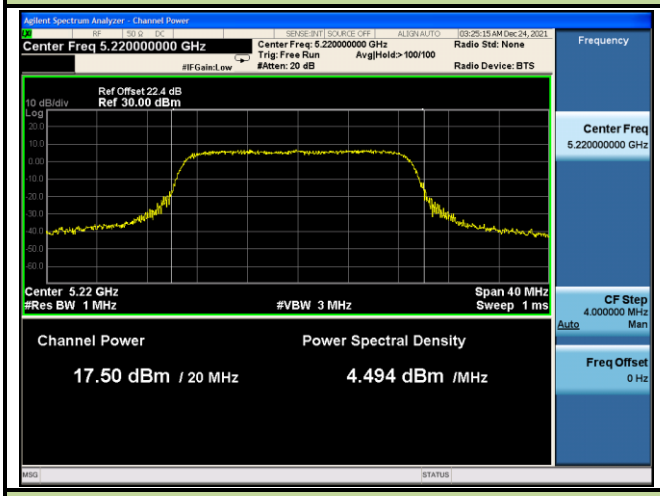
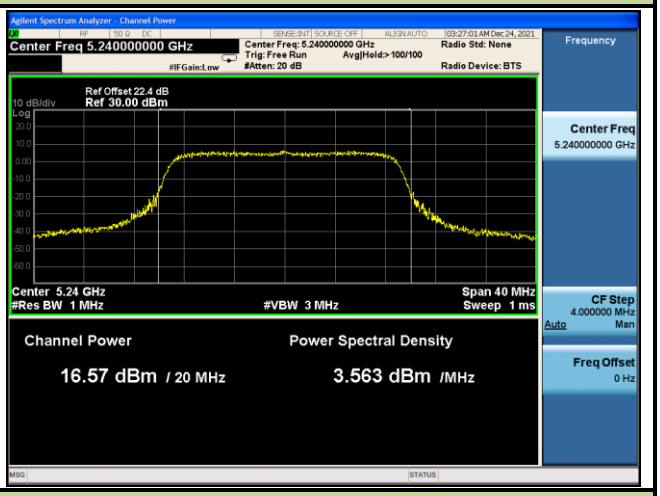
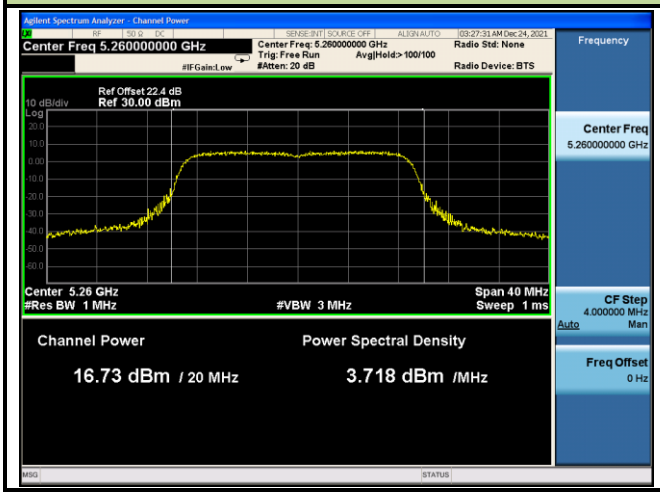
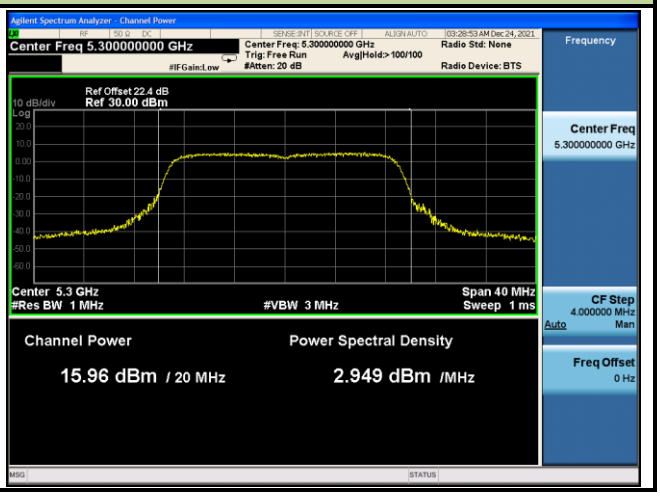
1. 此項量測係採用頻譜分析儀。

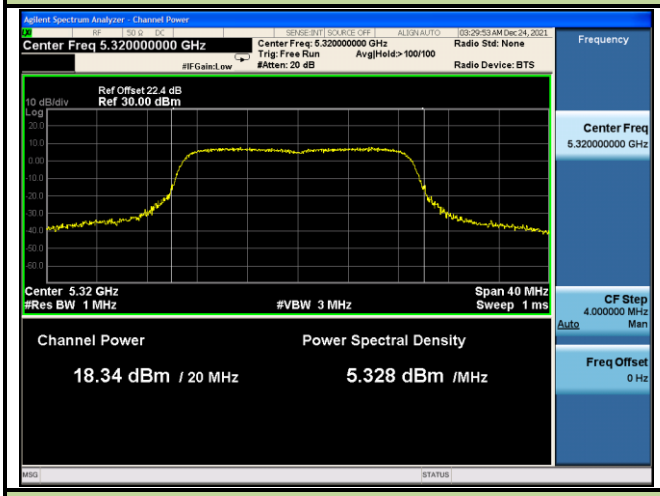
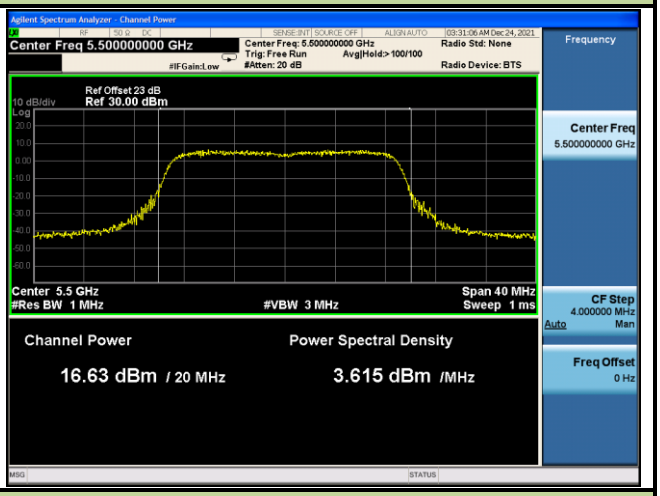
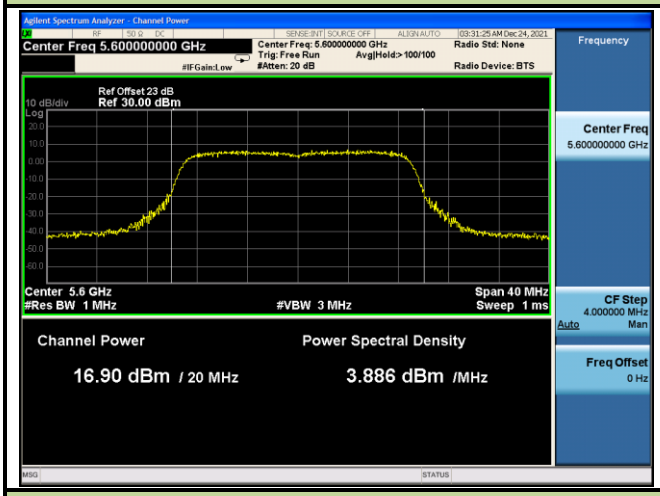
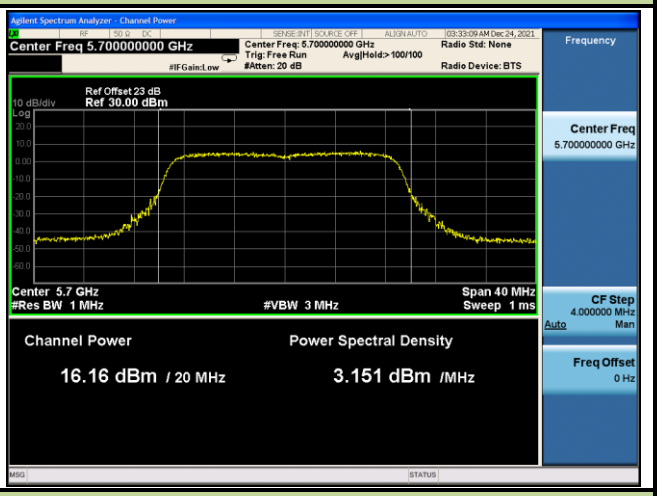
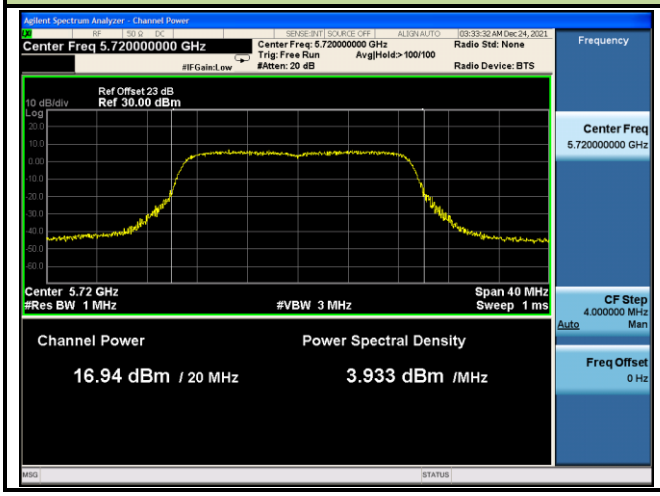
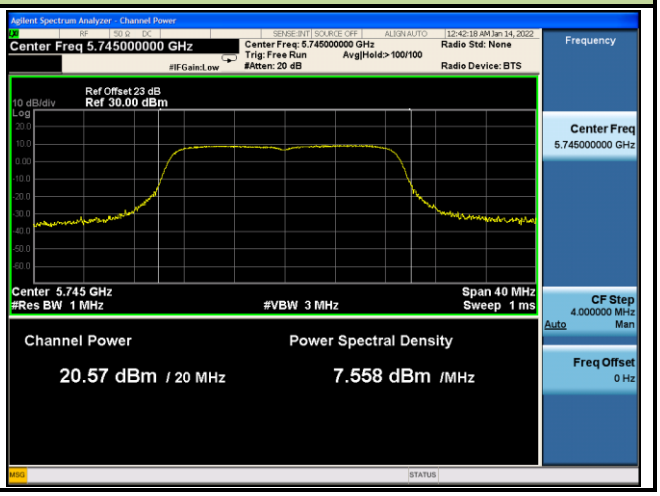
2. 此量測值已含工作週期因子及線材損耗(Band1,2 Cable Loss=1.2dB, Band3,4 Cable Loss=1.5dB)

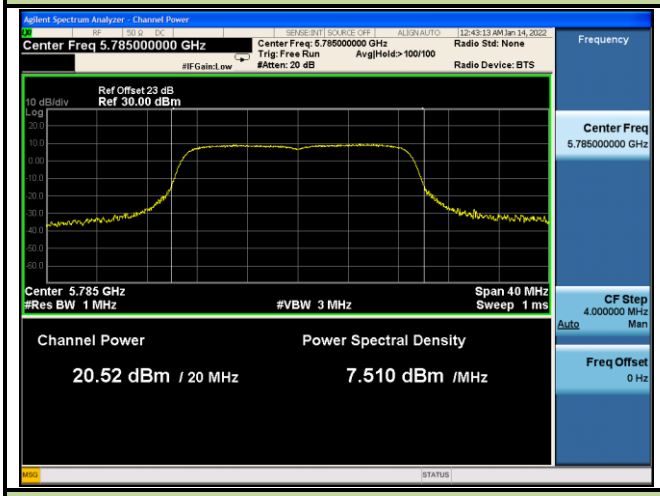
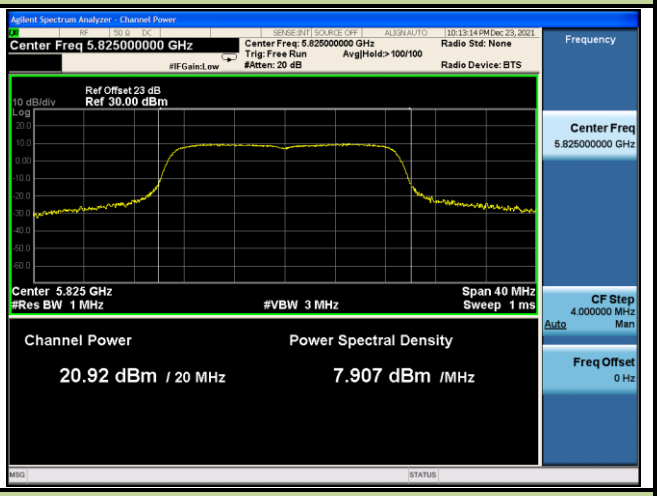
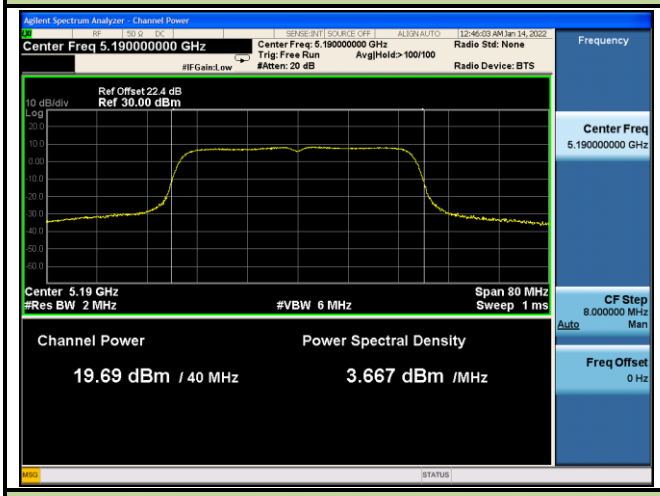
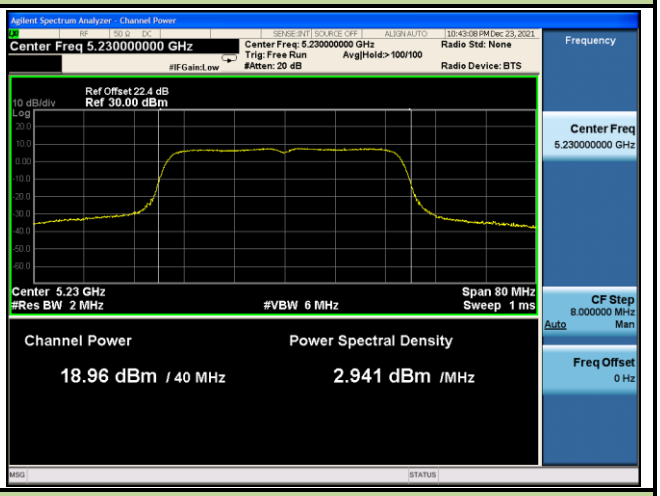
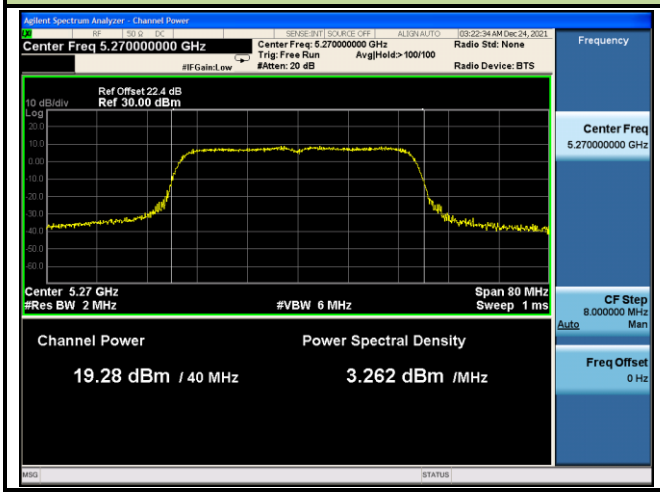
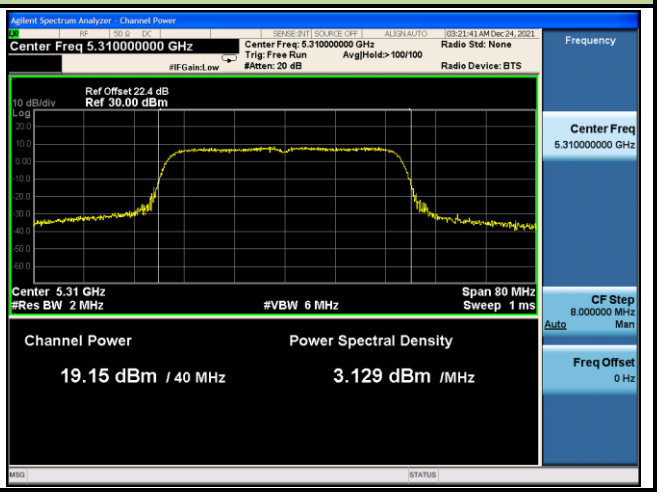
4. The Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)}\}$.

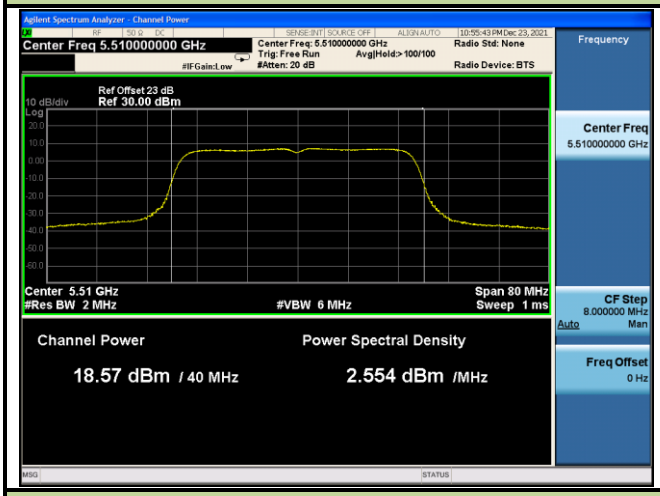
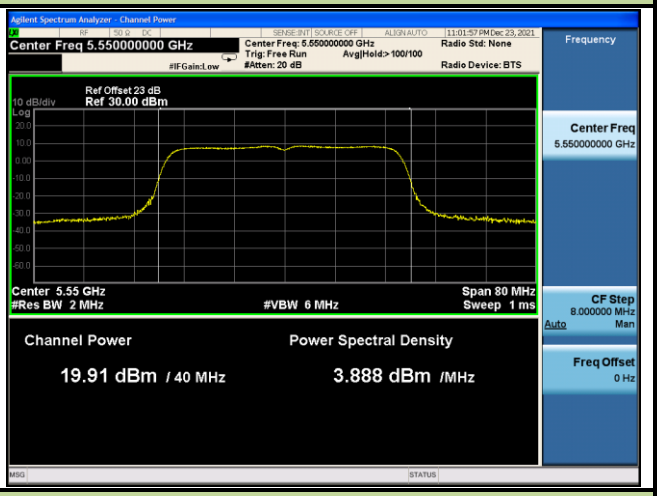
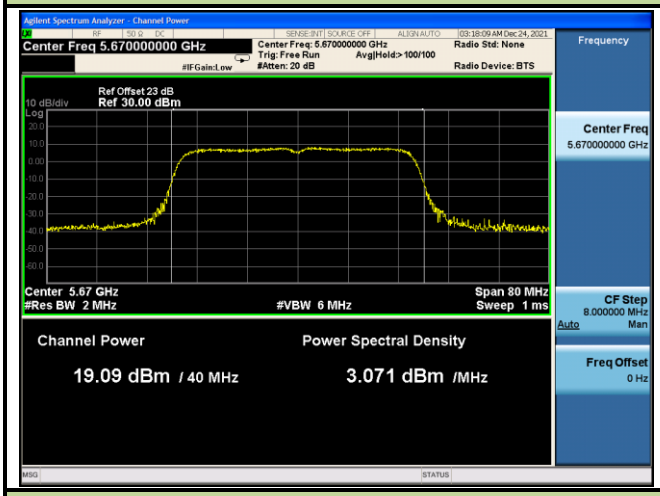
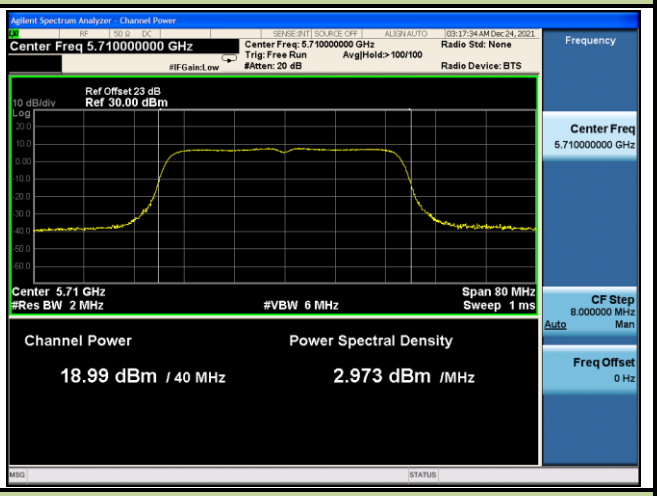
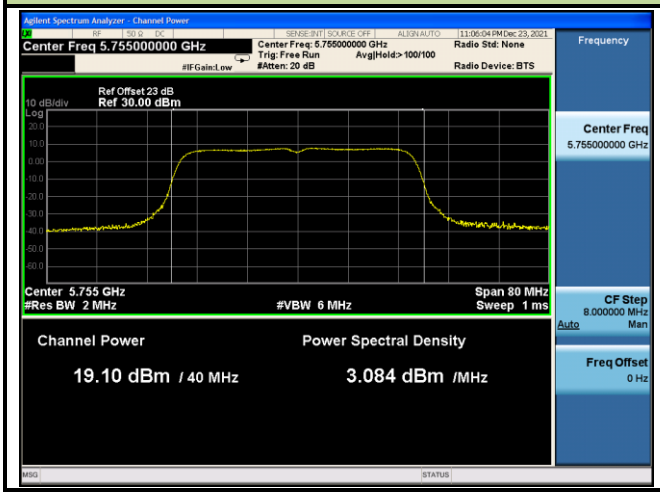
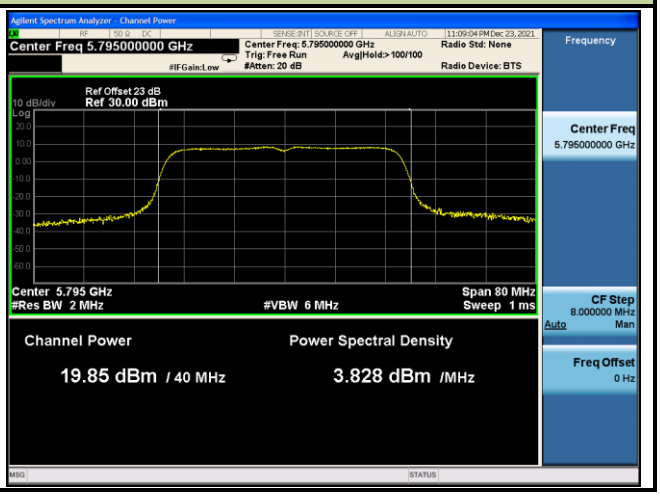
Ant 0	
802.11 a CH36 (5180MHz)	802.11 a CH44 (5220MHz)
	
802.11 a CH48 (5240MHz)	802.11 a CH52 (5260MHz)
	
802.11 a CH60 (5300MHz)	802.11 a CH64 (5320MHz)
	

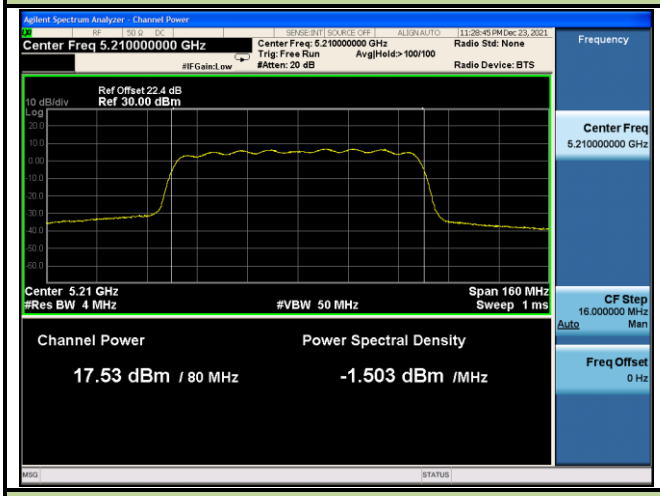
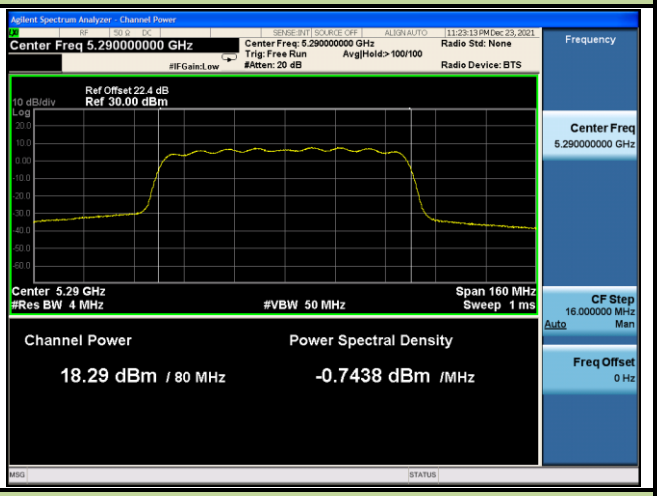
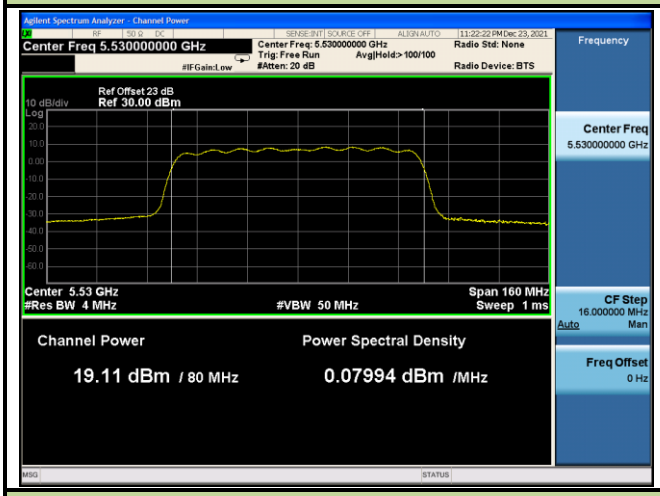
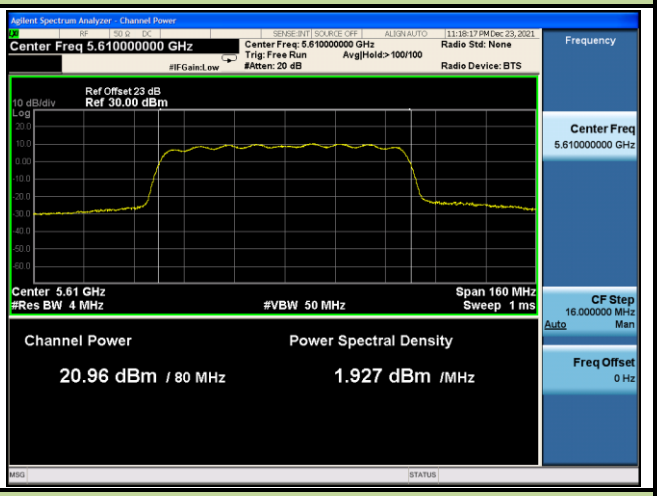
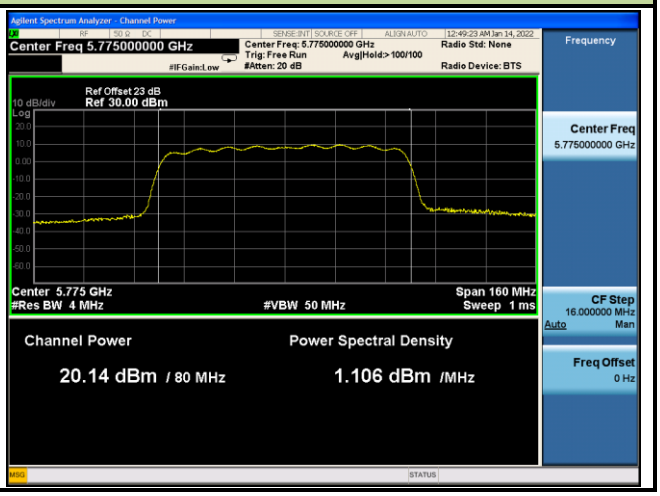
802.11 a CH100 (5500MHz)	802.11 a CH120 (5600MHz)
	
802.11 a CH140 (5700MHz)	**802.11 a CH144 (5720MHz)**
	
802.11 a CH149 (5745MHz)	**802.11 a CH157 (5785MHz)**
	

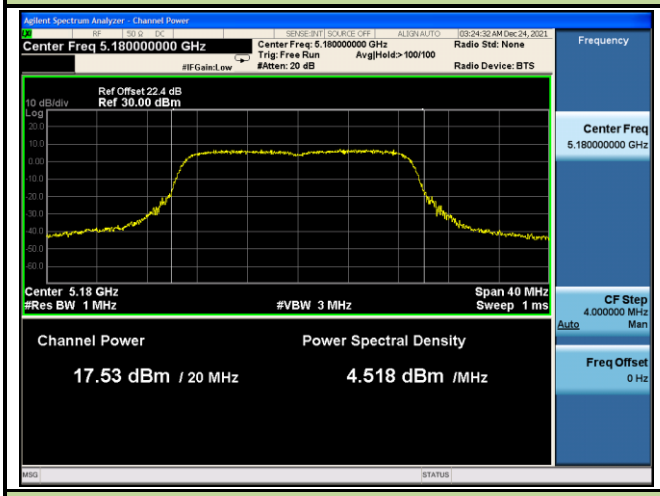
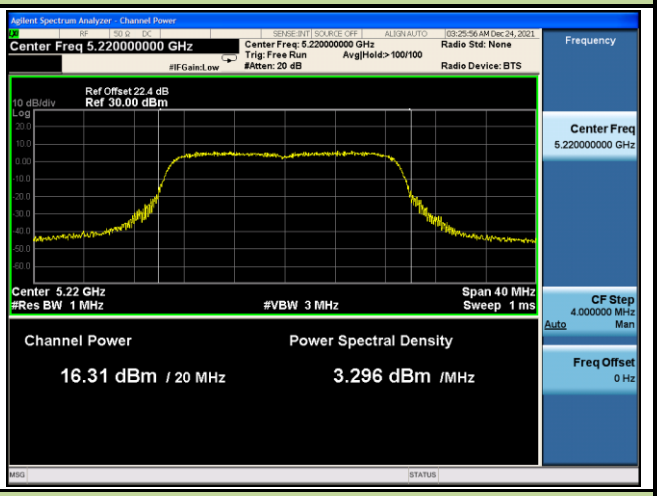
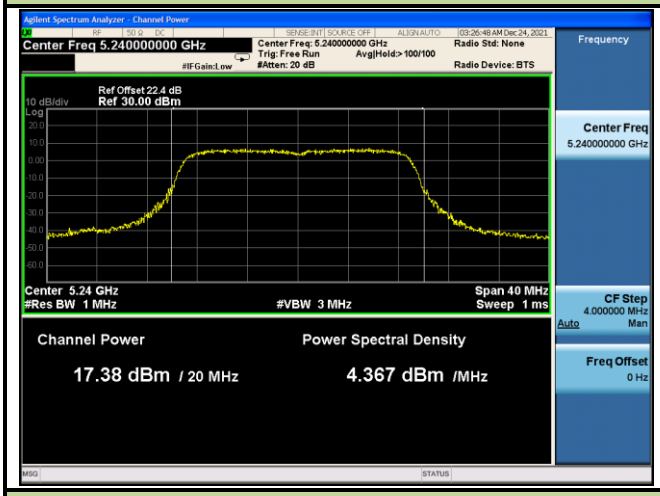
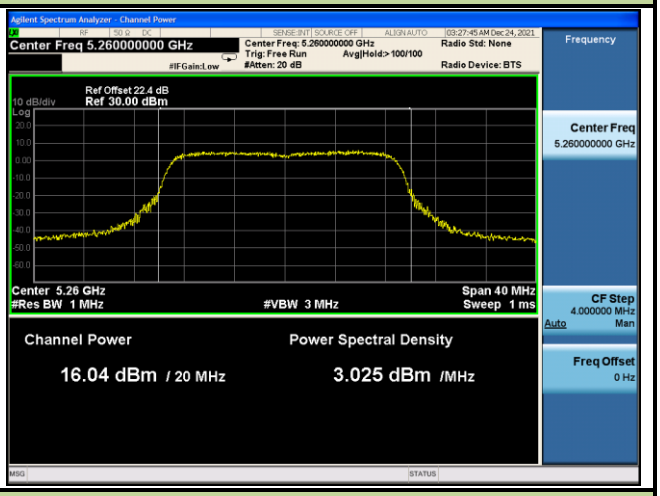
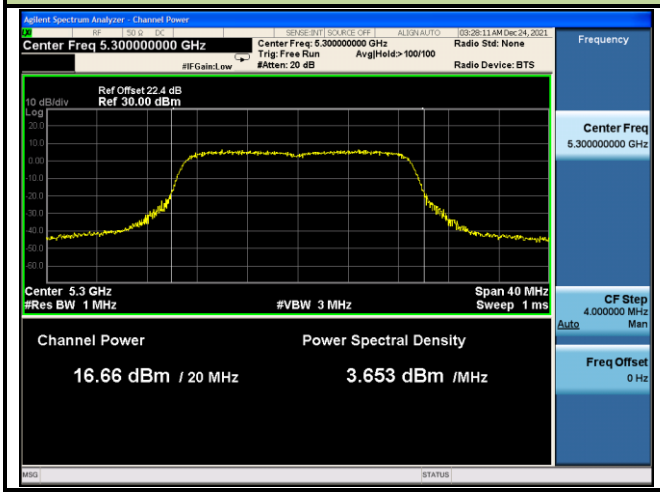
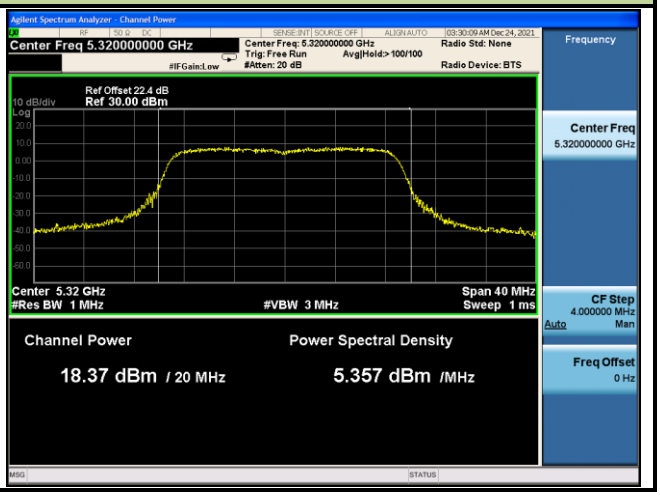
802.11 a CH165 (5825MHz)	802.11ac-VHT20 CH36 (5180MHz)
	
802.11ac-VHT20 CH44 (5220MHz)	**802.11ac-VHT20 CH48 (5240MHz)**
	
802.11ac-VHT20 CH52 (5260MHz)	**802.11ac-VHT20 CH60 (5300MHz)**
	

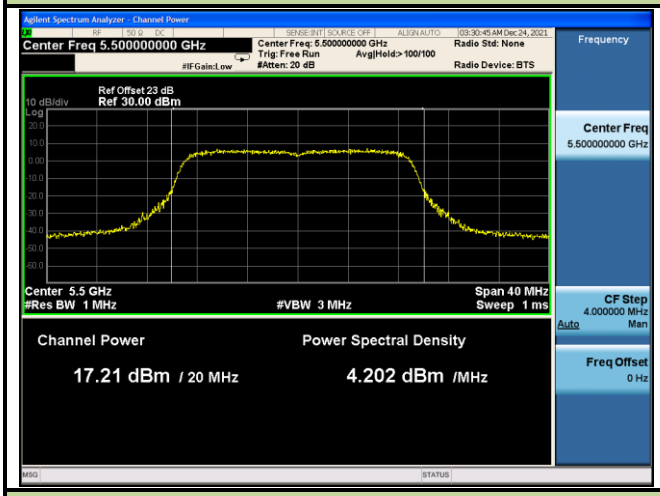
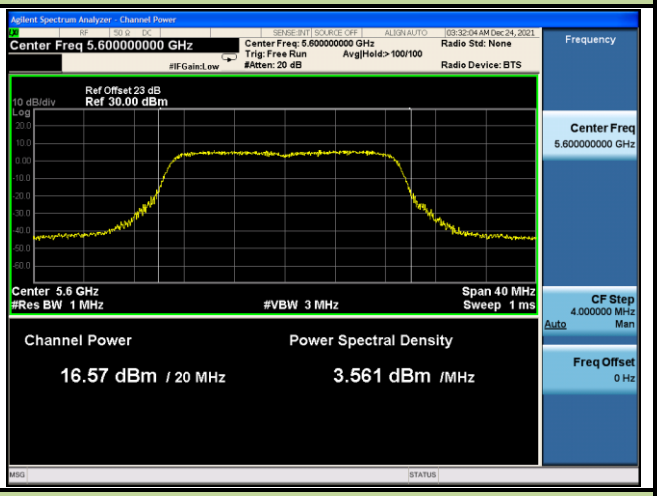
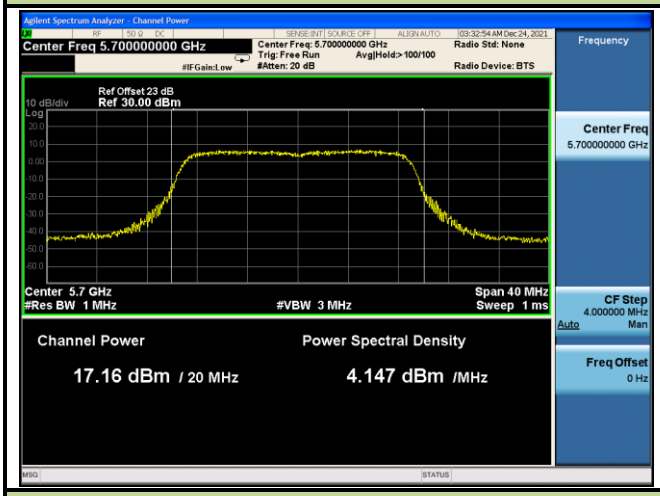
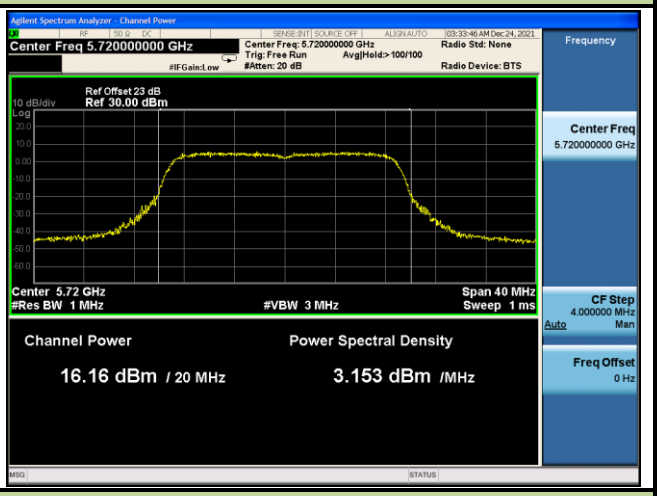
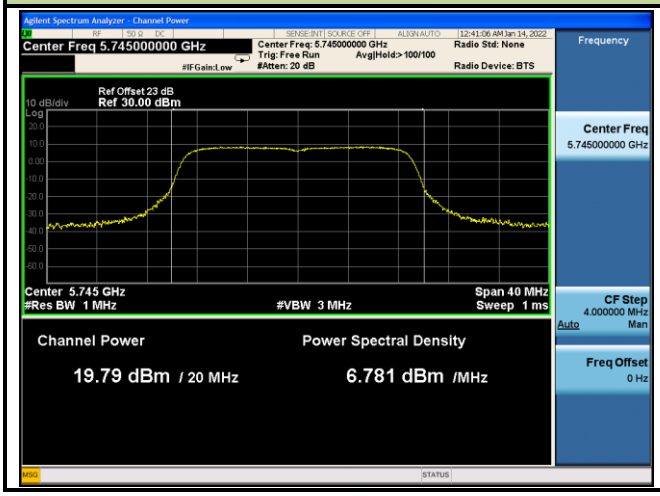
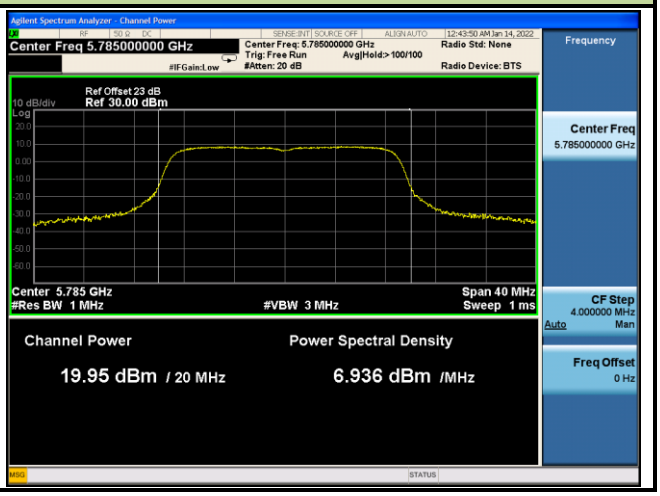
802.11ac-VHT20 CH64 (5320MHz)	802.11ac-VHT20 CH100 (5500MHz)
	
802.11ac-VHT20 CH120 (5600MHz)	**802.11ac-VHT20 CH140 (5700MHz)**
	
802.11ac-VHT20 CH144 (5720MHz)	**802.11ac-VHT20 CH149 (5745MHz)**
	

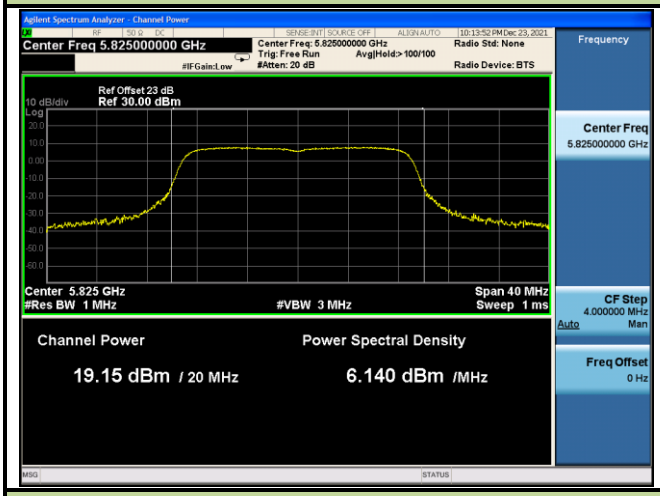
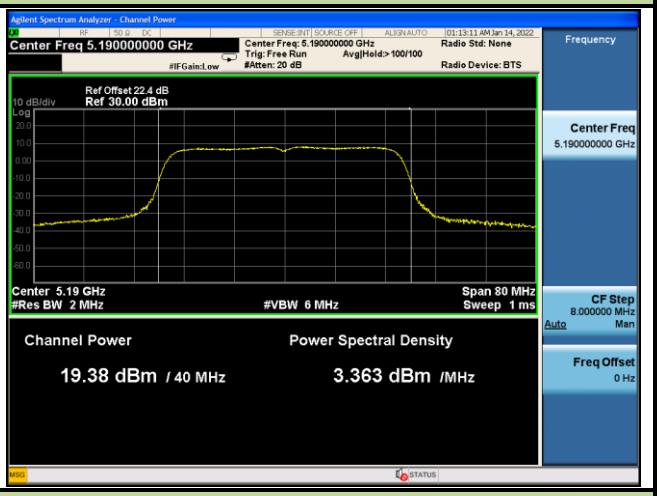
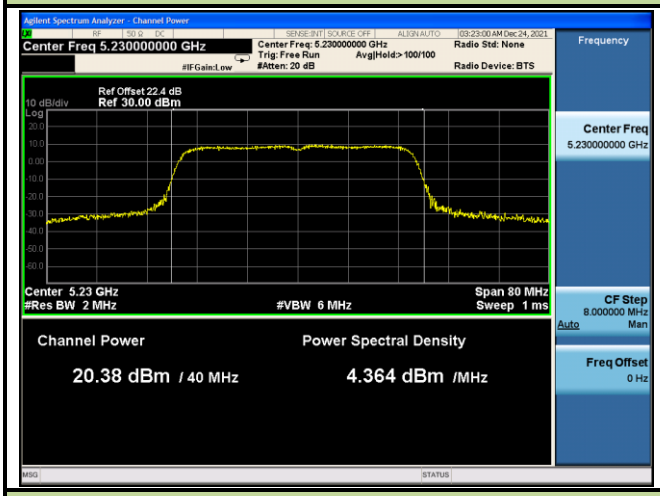
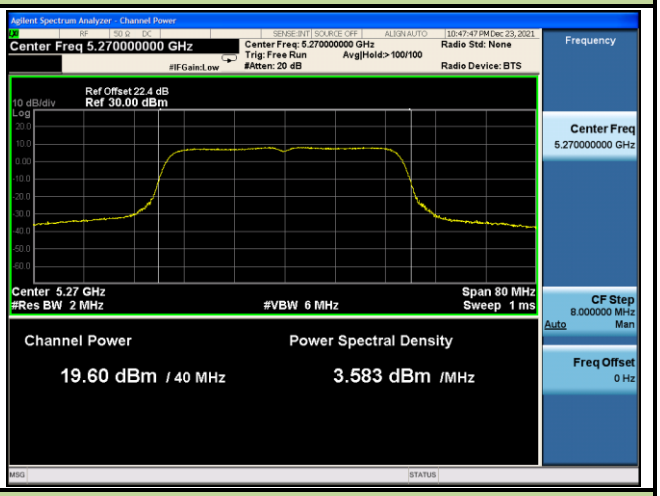
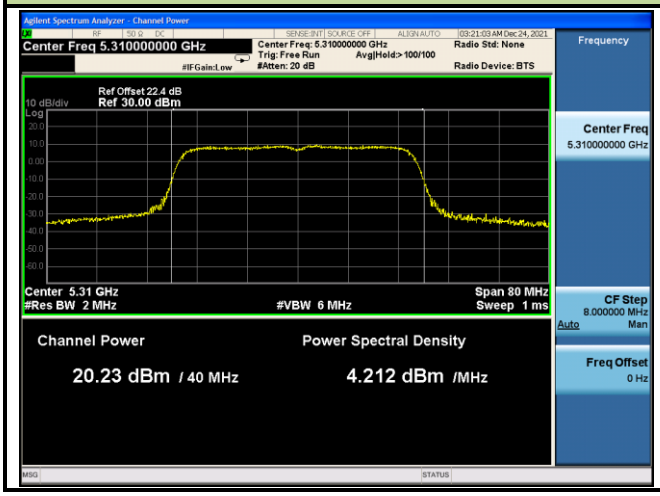
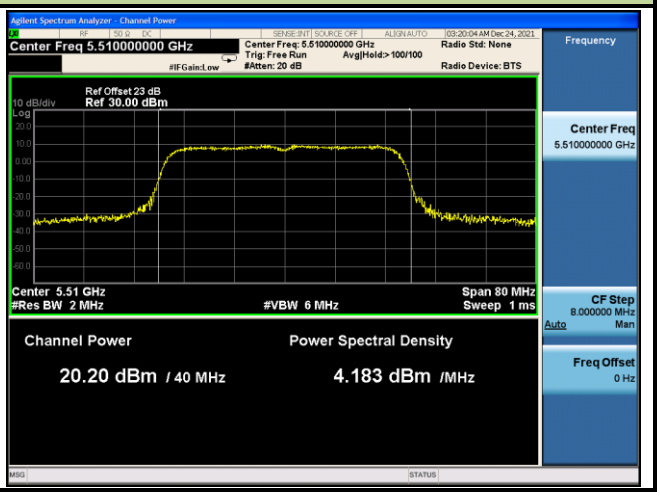
802.11ac-VHT20 CH157 (5785MHz)	802.11ac-VHT20 CH165 (5825MHz)
	
802.11 ac-VHT40 CH38 (5190MHz)	**802.11ac-VHT40 CH46 (5230MHz)**
	
802.11ac-VHT40 CH54 (5270MHz)	**802.11ac-VHT40 CH62 (5310MHz)**
	

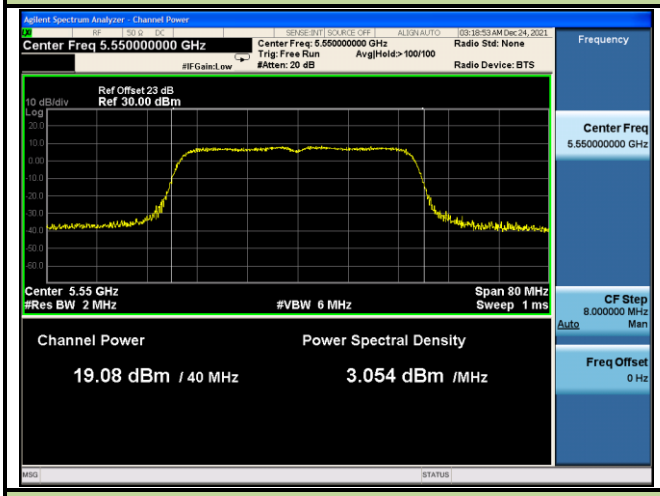
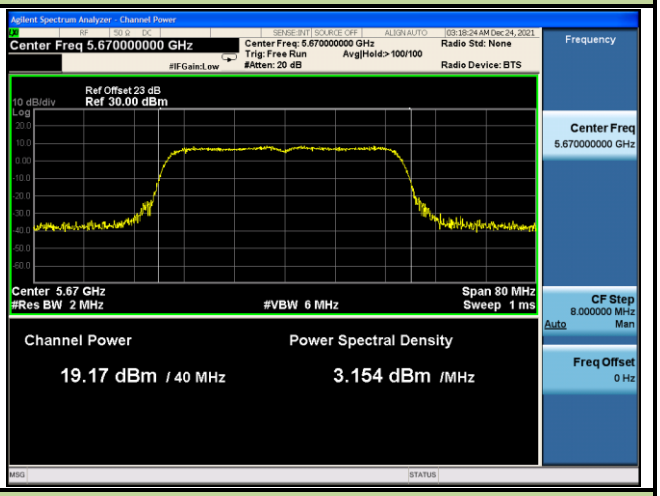
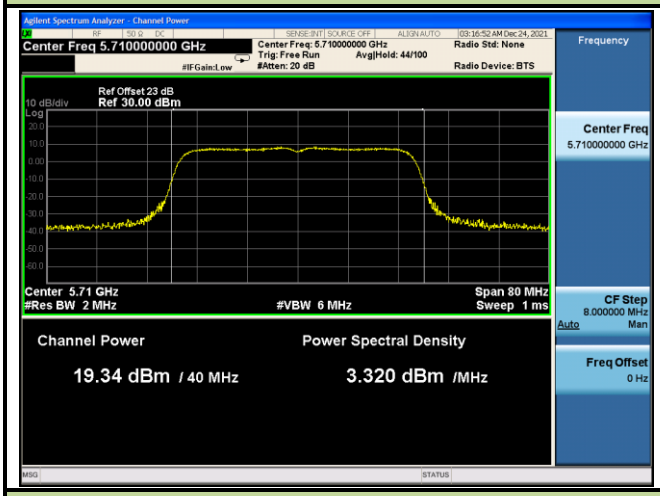
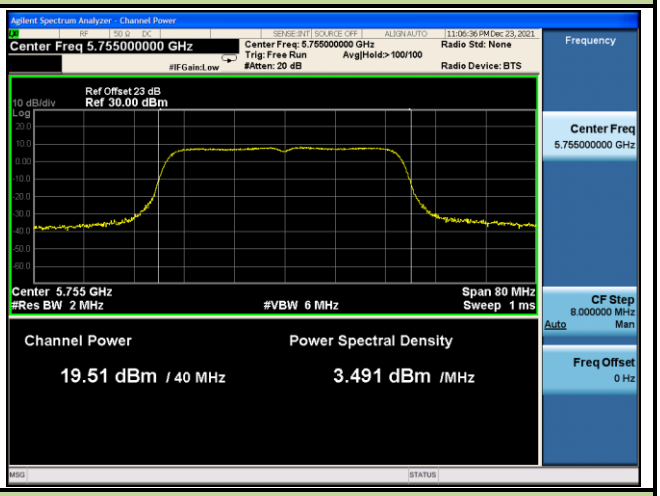
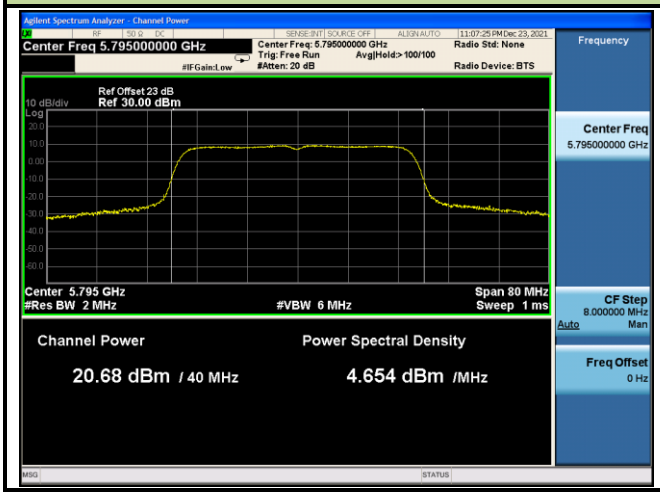
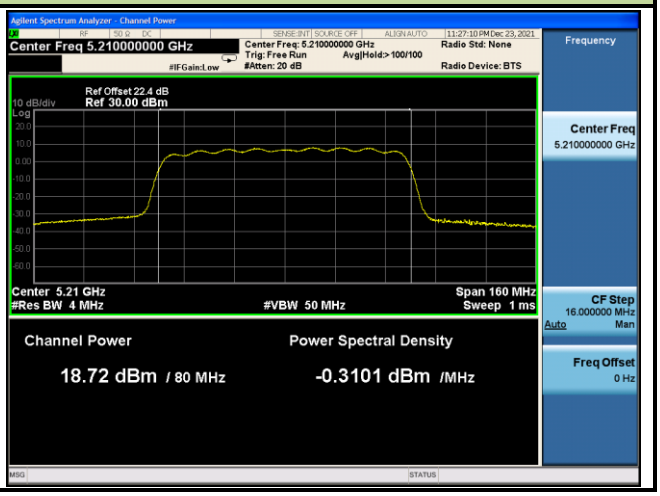
802.11ac-VHT40 CH102 (5510MHz)	802.11ac-VHT40 CH110 (5550MHz)
	
802.11ac-VHT40 CH134 (5670MHz)	**802.11ac-VHT40 CH142 (5710MHz)**
	
802.11ac-VHT40 CH151 (5755MHz)	**802.11ac-VHT40 CH159 (5795MHz)**
	

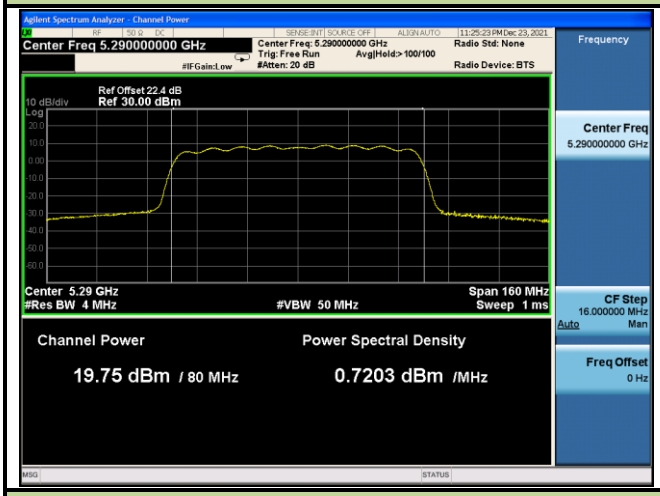
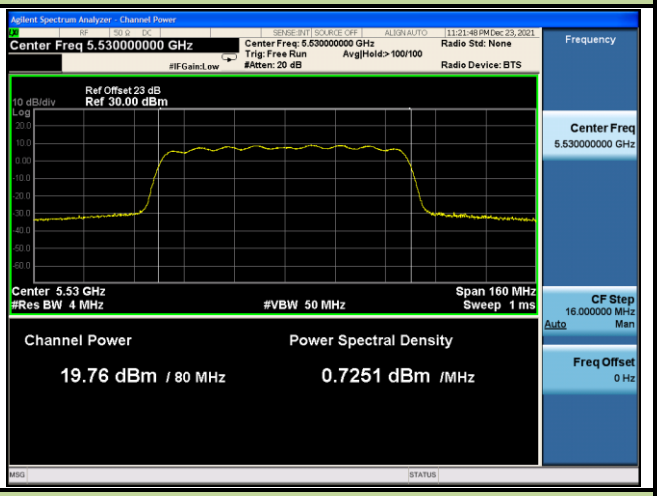
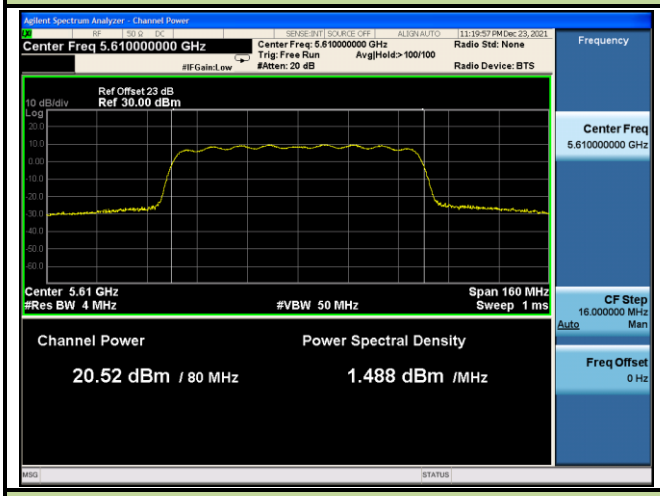
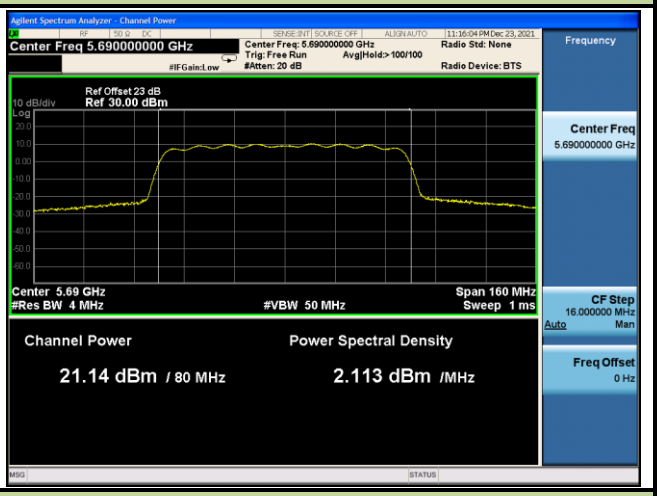
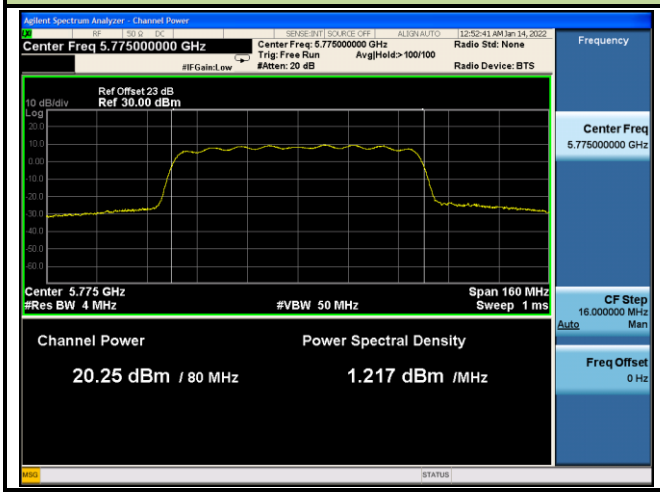
802.11 ac-VHT80 CH42 (5210MHz)	802.11 ac-VHT80 CH58 (5290MHz)
	
802.11 ac-VHT80 CH106 (5530MHz)	**802.11 ac-VHT80 CH122(5610MHz)**
	
802.11 ac-VHT80 CH138 (5690MHz)	**802.11 ac-VHT80 CH155 (5775MHz)**
	

Ant 1	
802.11ac-VHT20 CH36 (5180MHz)	**802.11ac-VHT20 CH44 (5220MHz)**
	
802.11ac-VHT20 CH48 (5240MHz)	**802.11ac-VHT20 CH52 (5260MHz)**
	
802.11ac-VHT20 CH60 (5300MHz)	**802.11ac-VHT20 CH64 (5320MHz)**
	

802.11ac-VHT20 CH100 (5500MHz)	802.11ac-VHT20 CH120 (5600MHz)
	
802.11ac-VHT20 CH140 (5700MHz)	**802.11ac-VHT20 CH144 (5720MHz)**
	
802.11ac-VHT20 CH149 (5745MHz)	**802.11ac-VHT20 CH157 (5785MHz)**
	

802.11ac-VHT20 CH165 (5825MHz)	802.11 ac-VHT40 CH38 (5190MHz)
	
802.11ac-VHT40 CH46 (5230MHz)	**802.11ac-VHT40 CH54 (5270MHz)**
	
802.11ac-VHT40 CH62 (5310MHz)	**802.11ac-VHT40 CH102 (5510MHz)**
	

802.11ac-VHT40 CH110 (5550MHz)	802.11ac-VHT40 CH134 (5670MHz)
	
802.11ac-VHT40 CH142 (5710MHz)	**802.11ac-VHT40 CH151 (5755MHz)**
	
802.11ac-VHT40 CH159 (5795MHz)	**802.11 ac-VHT80 CH42 (5210MHz)**
	

802.11 ac-VHT80 CH58 (5290MHz)	802.11 ac-VHT80 CH106 (5530MHz)
	
802.11 ac-VHT80 CH122(5610MHz)	**802.11 ac-VHT80 CH138 (5690MHz)**
	
802.11 ac-VHT80 CH155 (5775MHz)	
	

5.3 天線之要求

5.3.1 限制要求

依據國家通訊傳播委員會低功率射頻器材技術規範之第5.7.8節規定，天線之規格可不受下述規定之限制。

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

5.3.2 天線樣式

此 AC1300 Dual Antennas High Gain Wireless USB Adapter 其天線為 Dipole Antenna Type，(檢附天線規格書)

Antenna List

(Brand: tp-link, M/N: 3101503200)，(檢附天線規格書)

Antenna Type	Frequency Band (MHz)	TX Paths	Max Antenna Gain (dBi)	CDD Directional Gain (dBi)	
				For Power	For PSD
Wi-Fi External Antenna					
Antenna	2412 ~ 2462	2	3.00	3.00	6.01
	5150 ~ 5250	2	4.46	4.46	7.47
	5250 ~ 5350	2	4.96	4.96	7.97
	5470 ~ 5725	2	4.56	4.56	7.57
	5725 ~ 5850	2	4.35	4.35	7.36

N ote 1: The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

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

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

  Array Gain = 10 log (N_{ANT}/ N_{SS}) dB;
- For power measurements on IEEE 802.11 devices,

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

Note 2: All information declared by manufacturer.

5.4 輻射電場強度

5.4.1 量測方法

待測物置於非導體桌面（落地型產品置於地上），受測物使用交流電源時，將其與任何配件設備之電源線連接至位於旋轉桌的交流電源。受測物使用電池時，測試時應裝置新電池或充電完全的電池。受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以量測待測物之最大輻射電場強度，接收天線並應於水平及垂直極化方向各量測一次。(待測物擺設方式根據 ANSI C63.10-2013 版本，待測物放置桌中心，1G 以下擺設高度為 80cm/1G 以上擺設高度為 150cm)

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

備註: 若為手持式或穿戴式之裝置，需對其三個正交軸的方位評估測試，並記錄最差的數值。

5.4.2 限制要求

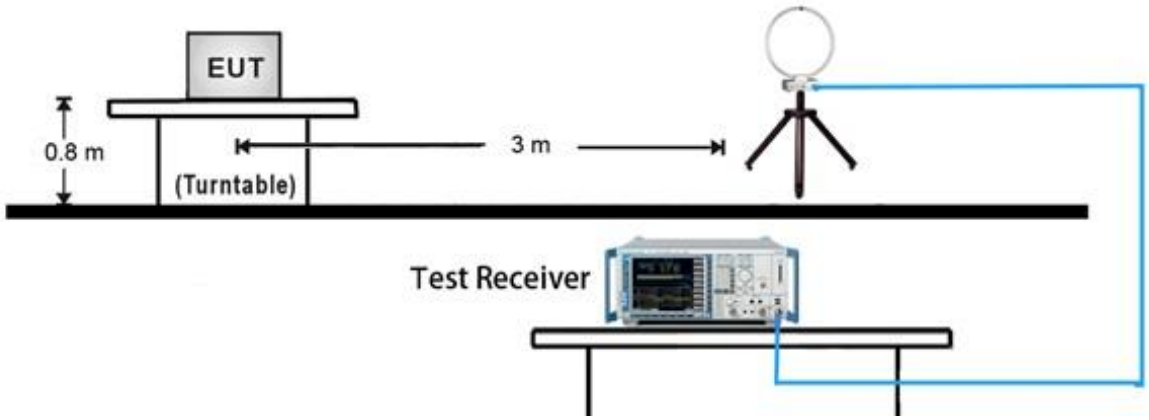
其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。各頻段重疊處，以較嚴格之限制值為準。

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

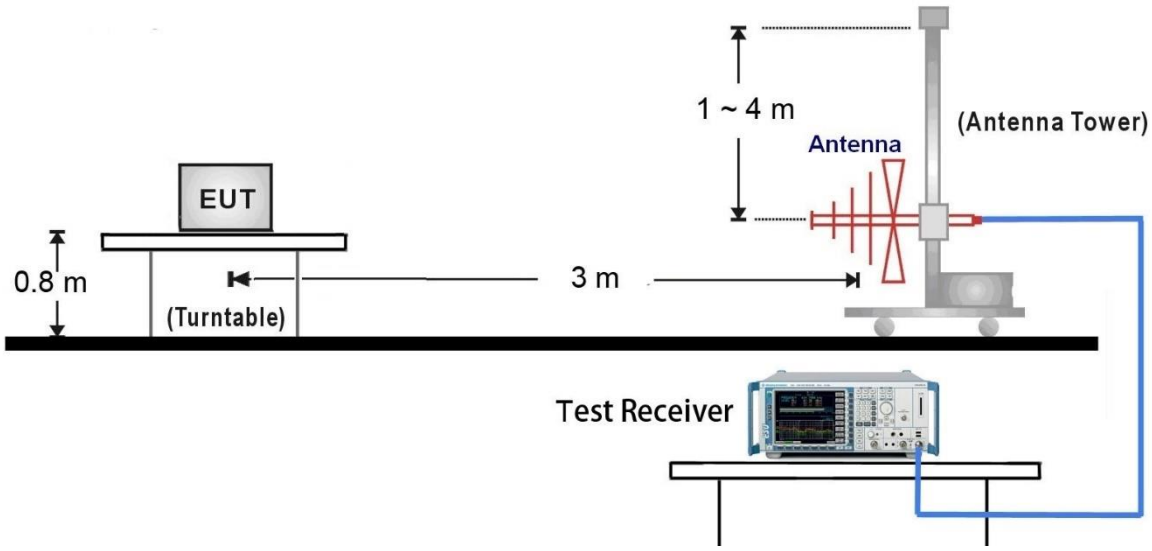
上表規定之電場強度，發射頻率在 9 kHz～90 kHz、110 kHz～490 kHz 及 1000MHz 以上者，其量測應以平均值檢波器為基準，且須符合低功率射頻器材技術規範第 6.14.節之規定；其他發射頻率，應以 CISPR 準峰值(quasi-peak) 檢波器測量；非以上表所指定之距離測量時，應符合第 6.5 節之規定，而輻射發射之量測頻率範圍須符合低功率射頻器材技術規範第 6.12 節之規定。

5.4.3 測試架構圖

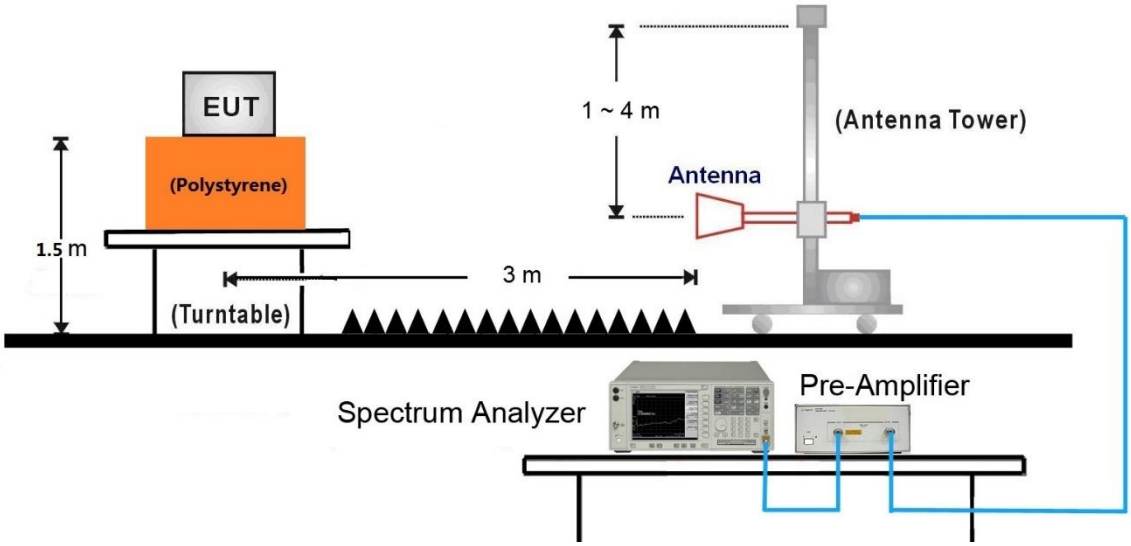
Under 30MHz Test



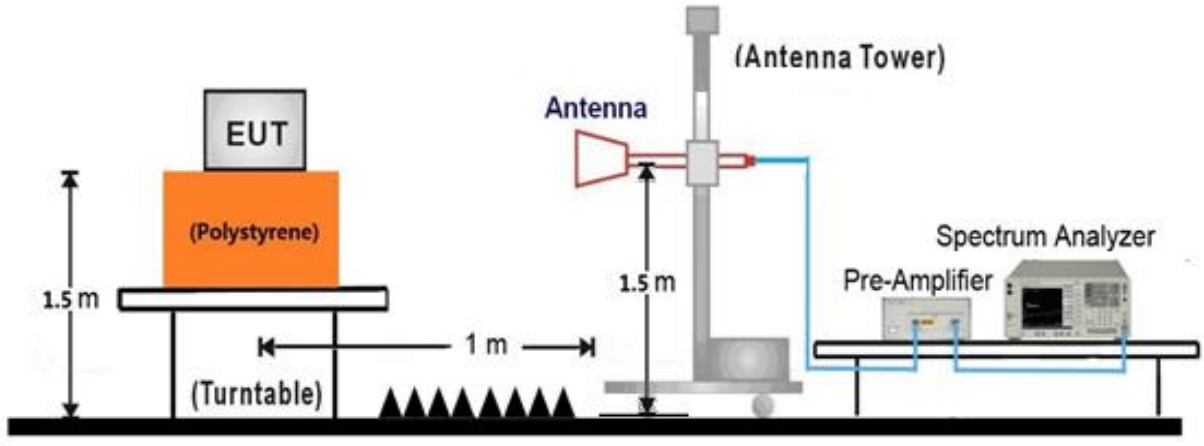
Under 1GHz Test Setup



1GHz ~ 18GHz Test Setup:

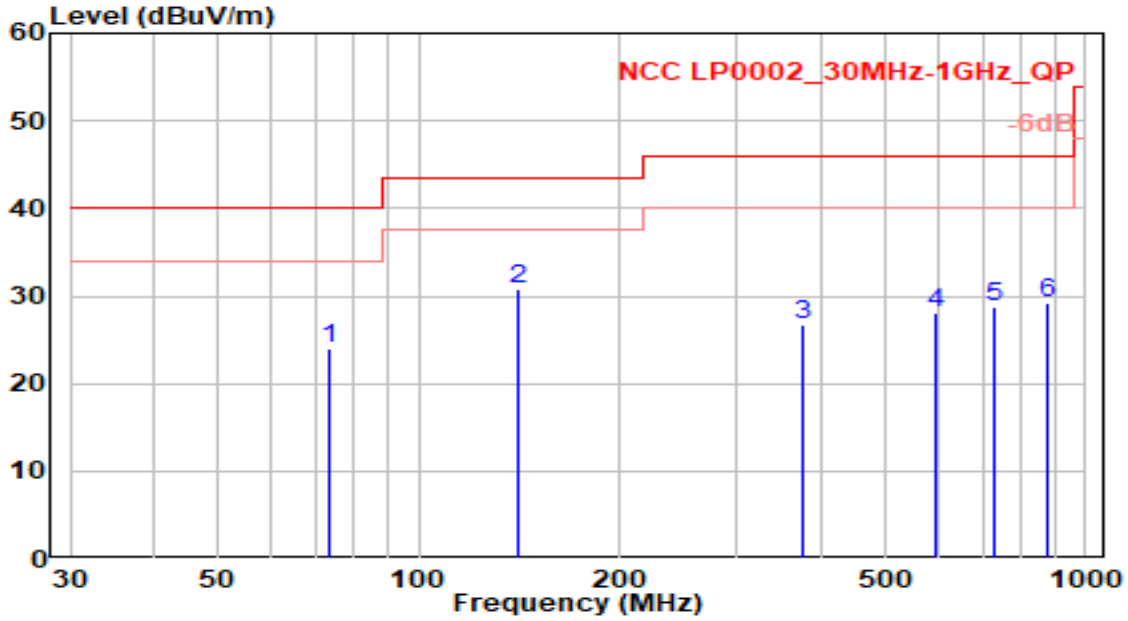


18GHz ~25GHz Test Setup:



5.4.4 輻射電場強度測試結果

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-22
Factor	VULB 9162	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	By Notebook PC

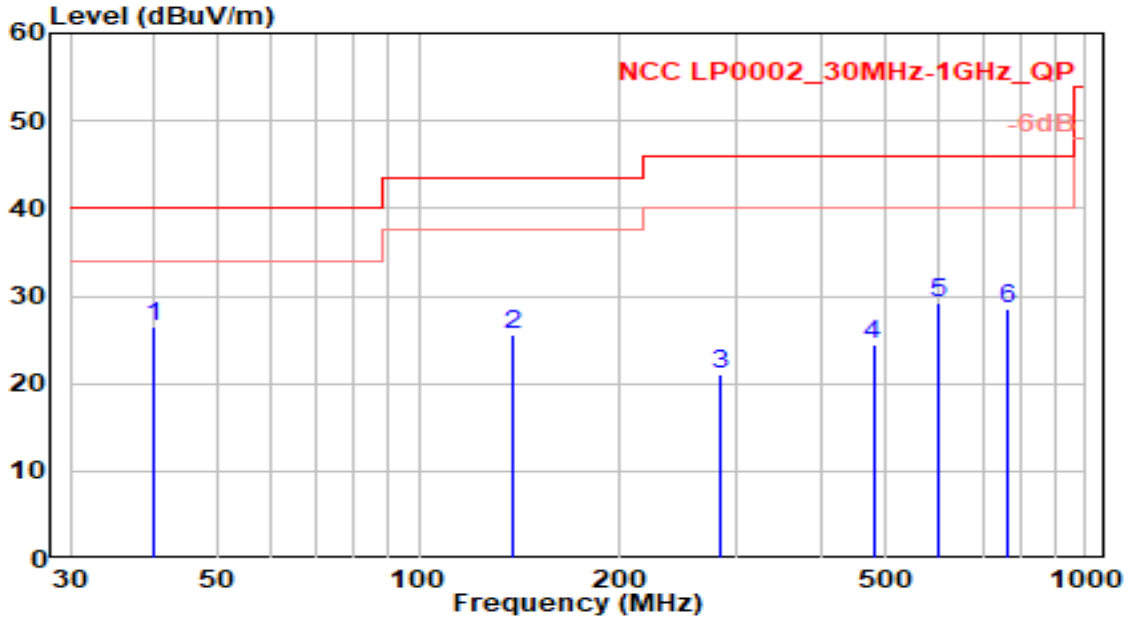


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		73.220	8.79	15.30	24.09	-15.91	40.00	150	350	QP
2	*	141.110	16.33	14.53	30.86	-12.64	43.50	150	305	QP
3		377.110	3.63	23.19	26.82	-19.18	46.00	100	155	QP
4		597.443	0.89	27.24	28.14	-17.86	46.00	150	240	QP
5		726.490	-0.12	28.90	28.78	-17.22	46.00	150	90	QP
6		875.910	-1.62	30.89	29.26	-16.74	46.00	100	235	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-22
Factor	VULB 9162	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	By Notebook PC

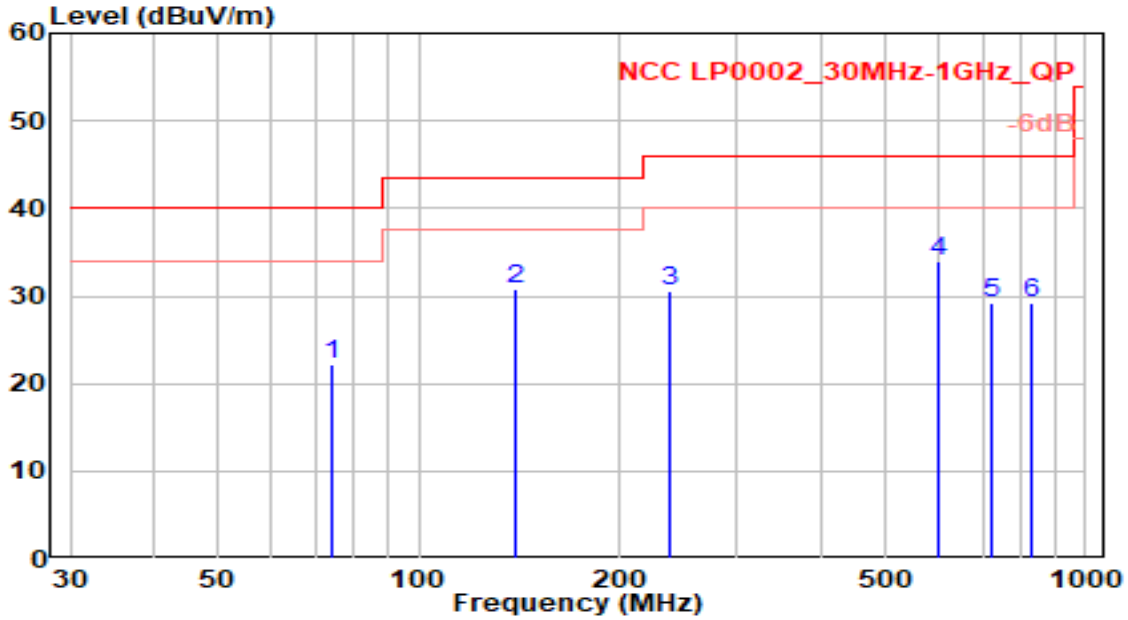


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	40.120	6.36	20.12	26.48	-13.52	40.00	100	305	QP
2		138.220	11.00	14.65	25.65	-17.85	43.50	100	30	QP
3		283.890	0.54	20.56	21.10	-24.90	46.00	150	235	QP
4		480.330	-0.33	24.84	24.51	-21.49	46.00	100	190	QP
5		600.980	1.94	27.32	29.26	-16.74	46.00	100	200	QP
6		765.110	-0.73	29.30	28.58	-17.42	46.00	100	285	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-22
Factor	VULB 9162	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	By Notebook PC

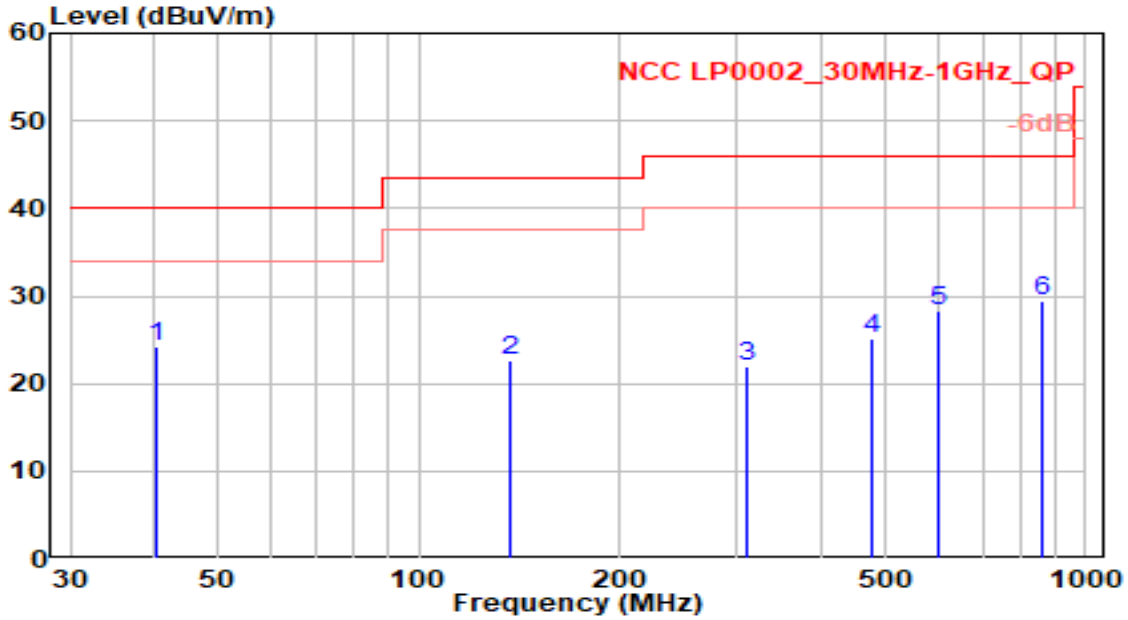


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		73.890	7.12	15.17	22.29	-17.71	40.00	150	360	QP
2		140.110	16.29	14.48	30.77	-12.73	43.50	150	305	QP
3		238.820	10.75	19.88	30.64	-15.36	46.00	100	320	QP
4	*	602.130	6.71	27.33	34.04	-11.96	46.00	100	255	QP
5		720.330	0.37	28.82	29.18	-16.82	46.00	100	175	QP
6		830.660	-0.82	30.12	29.31	-16.69	46.00	100	235	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-22
Factor	VULB 9162	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	By Notebook PC

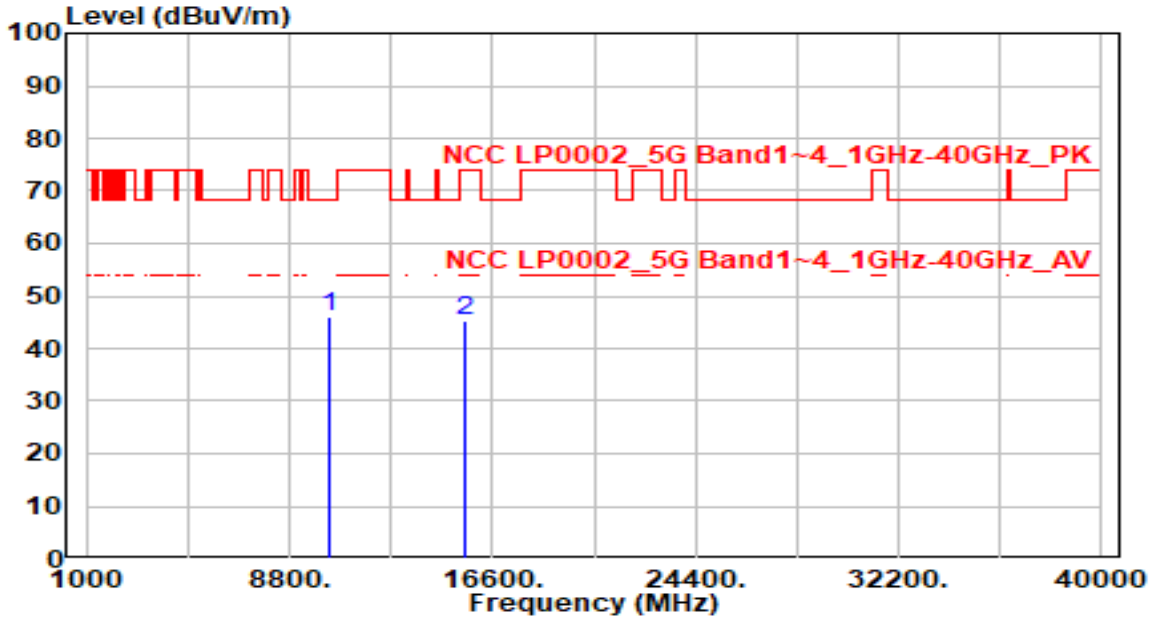


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	40.330	4.15	20.17	24.32	-15.68	40.00	150	55	QP
2		136.660	7.92	14.81	22.73	-20.77	43.50	100	55	QP
3		310.630	0.61	21.32	21.93	-24.07	46.00	150	340	QP
4		477.960	0.44	24.78	25.22	-20.78	46.00	120	360	QP
5		601.160	0.90	27.32	28.22	-17.78	46.00	100	300	QP
6		860.300	-1.24	30.66	29.43	-16.57	46.00	150	350	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH36_ANT 0	Test Voltage	By Notebook PC

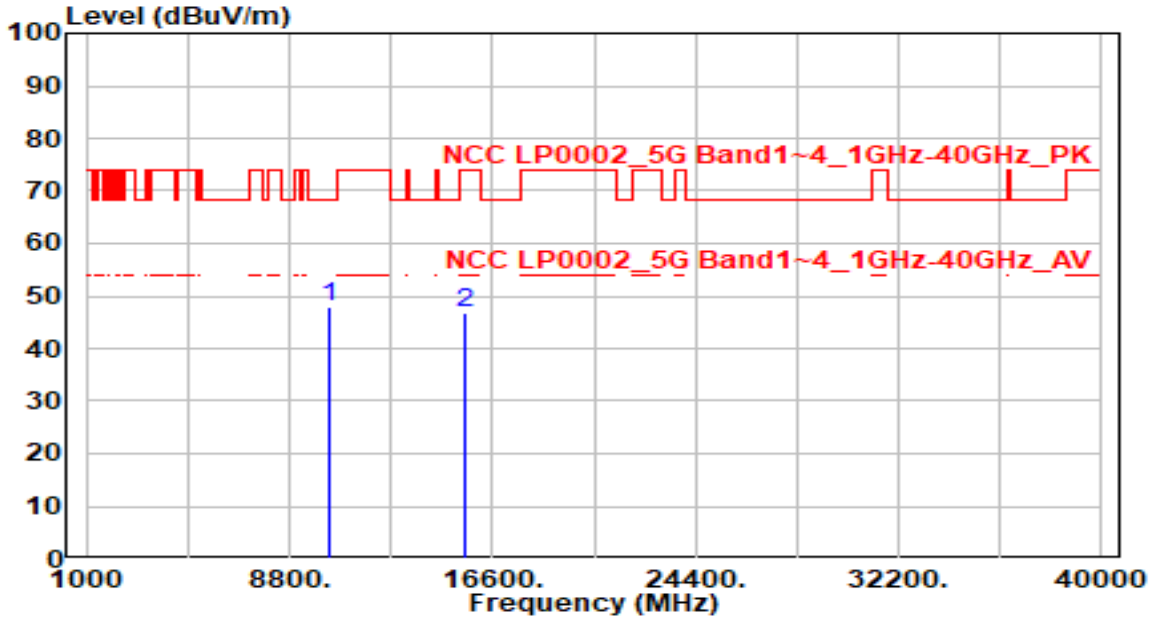


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	41.84	4.32	46.16	-22.04	68.20	200	0	Peak
2		15540.000	39.49	5.86	45.35	-28.65	74.00	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH36_ANT 0	Test Voltage	By Notebook PC

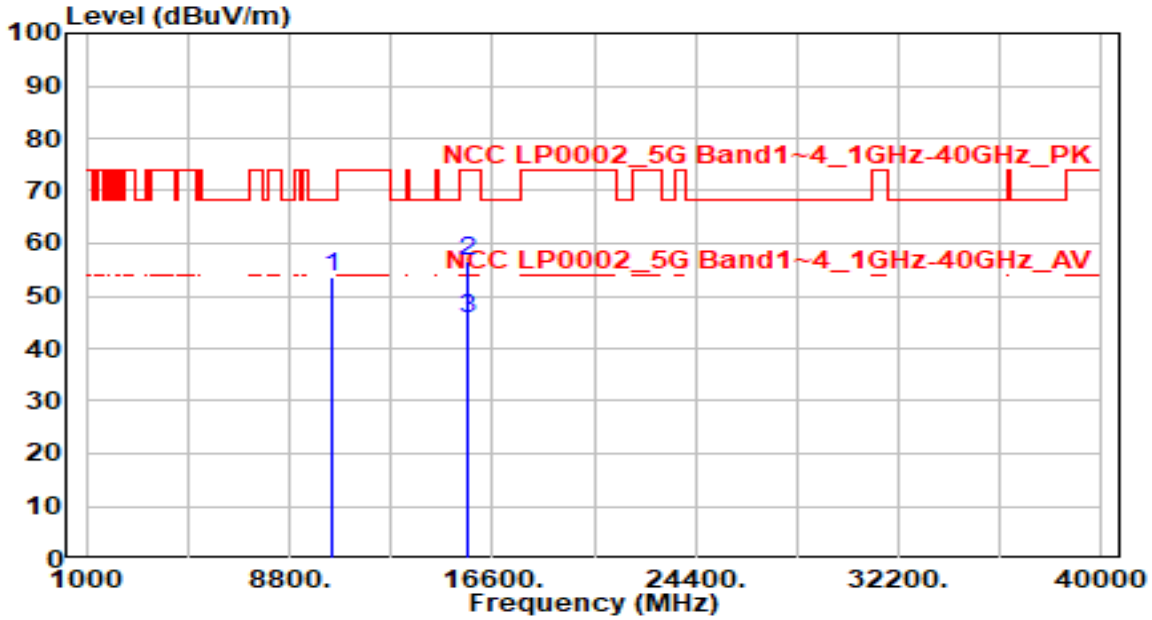


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	43.71	4.32	48.03	-20.17	68.20	100	0	Peak
2		15540.000	40.78	5.86	46.64	-27.36	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH44_ANT 0	Test Voltage	By Notebook PC

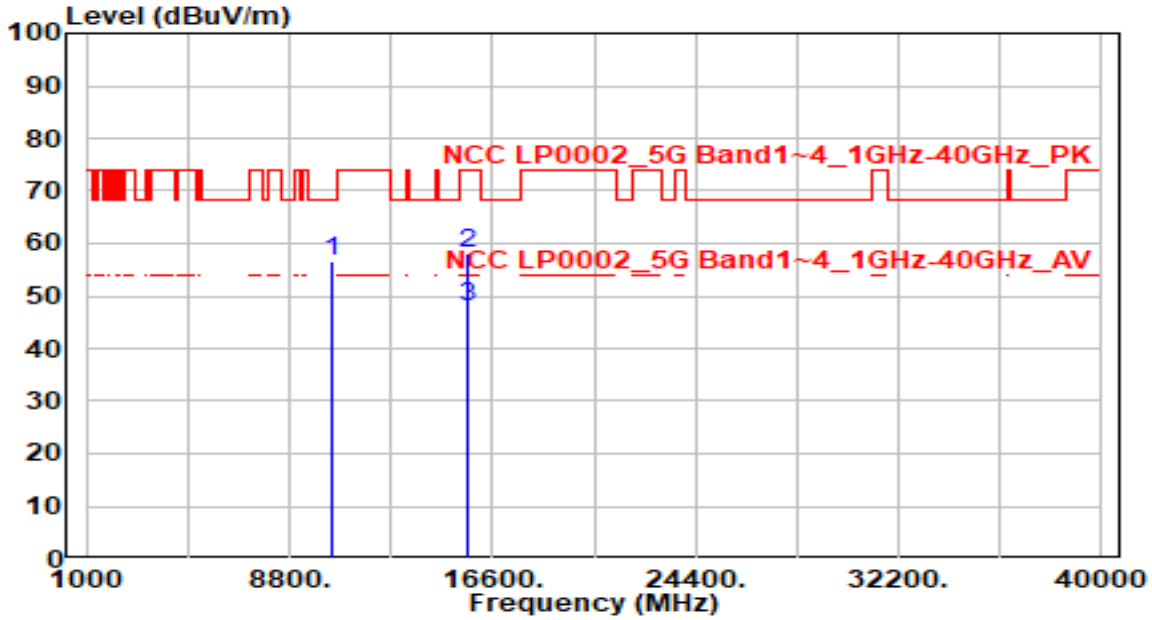


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	49.16	4.32	53.48	-14.72	68.20	200	0	Peak
2	*	15660.000	50.80	5.96	56.76	-17.24	74.00	100	345	Peak
3	*	15660.000	39.82	5.96	45.78	-8.22	54.00	100	345	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH44_ANT 0	Test Voltage	By Notebook PC

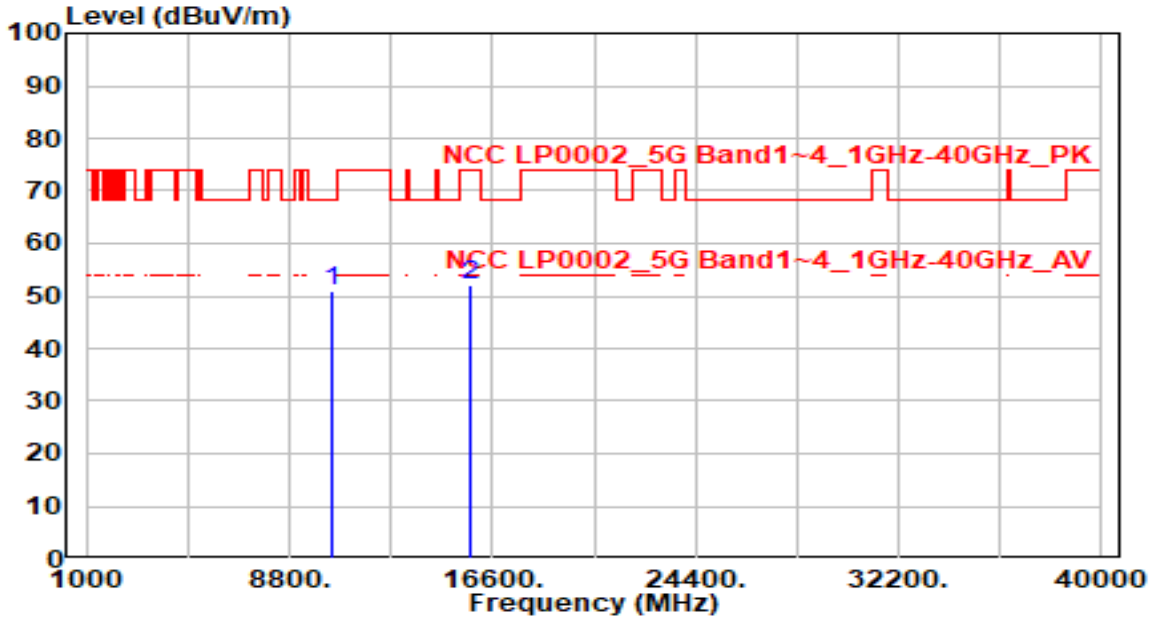


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	52.46	4.32	56.78	-11.42	68.20	100	0	Peak
2	*	15660.000	52.00	5.96	57.96	-16.04	74.00	100	100	Peak
3	*	15660.000	41.99	5.96	47.95	-6.05	54.00	100	100	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No1 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH48_ANT 0	Test Voltage	By Notebook PC

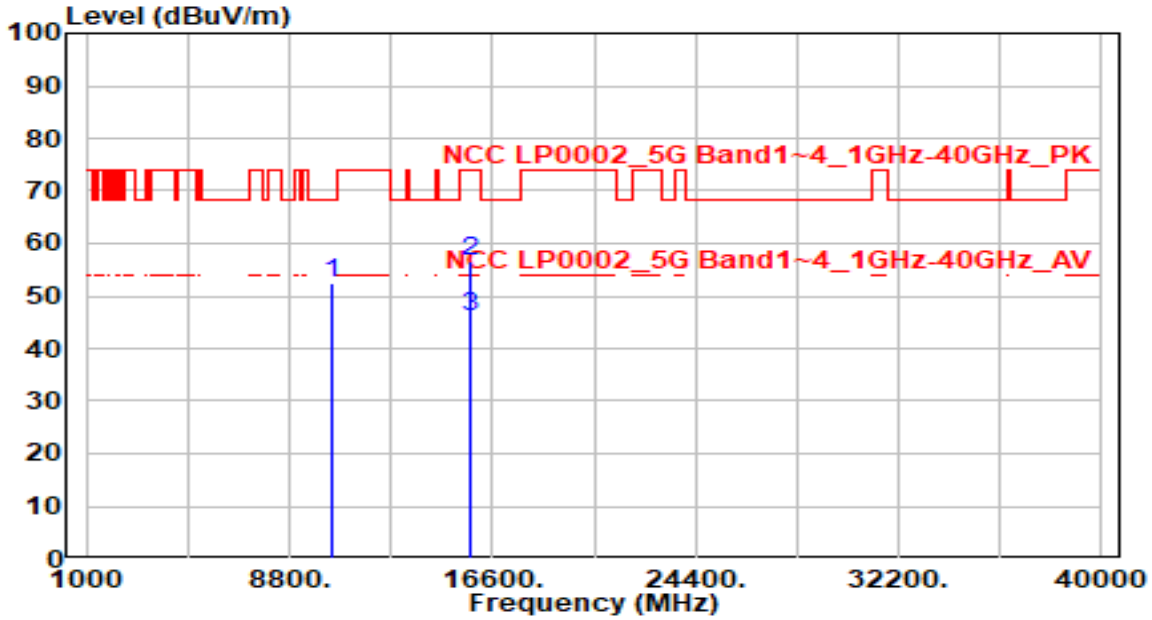


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	46.45	4.33	50.77	-17.43	68.20	200	360	Peak
2		15720.000	46.09	6.03	52.12	-21.88	74.00	200	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH48_ANT 0	Test Voltage	By Notebook PC

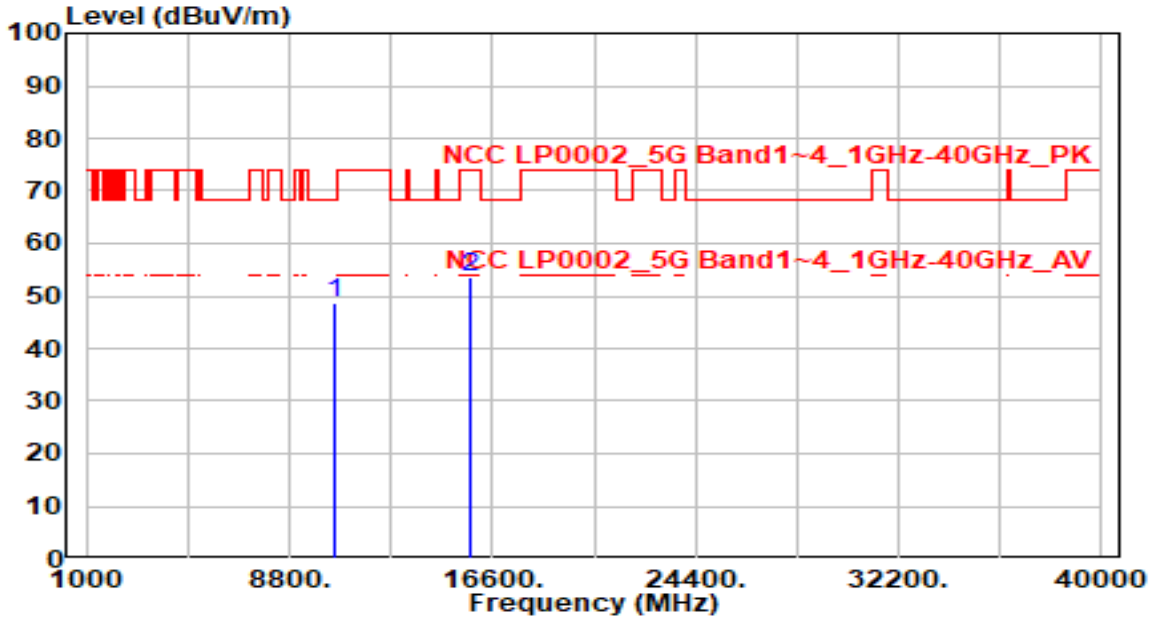


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	47.95	4.33	52.28	-15.92	68.20	100	0	Peak
2	*	15720.000	50.63	6.03	56.66	-17.34	74.00	100	90	Peak
3	*	15720.000	39.86	6.03	45.89	-8.11	54.00	100	90	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH52_ANT 0	Test Voltage	By Notebook PC

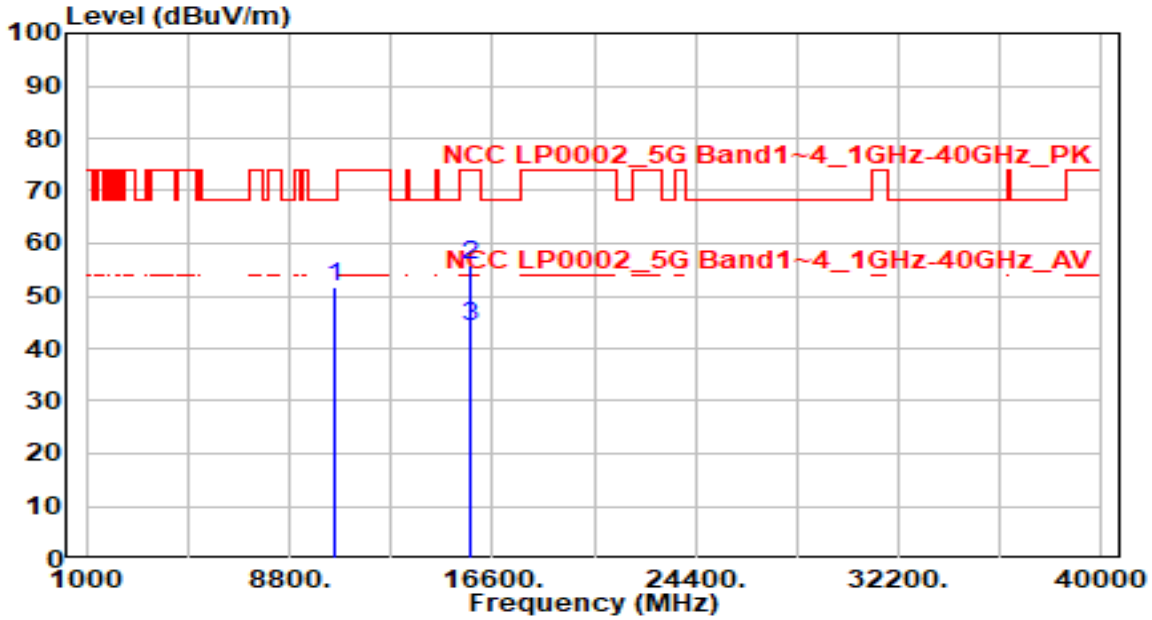


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10520.000	44.36	4.34	48.70	-19.50	68.20	100	360	Peak
2		15780.000	47.59	6.10	53.69	-20.31	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH52_ANT 0	Test Voltage	By Notebook PC

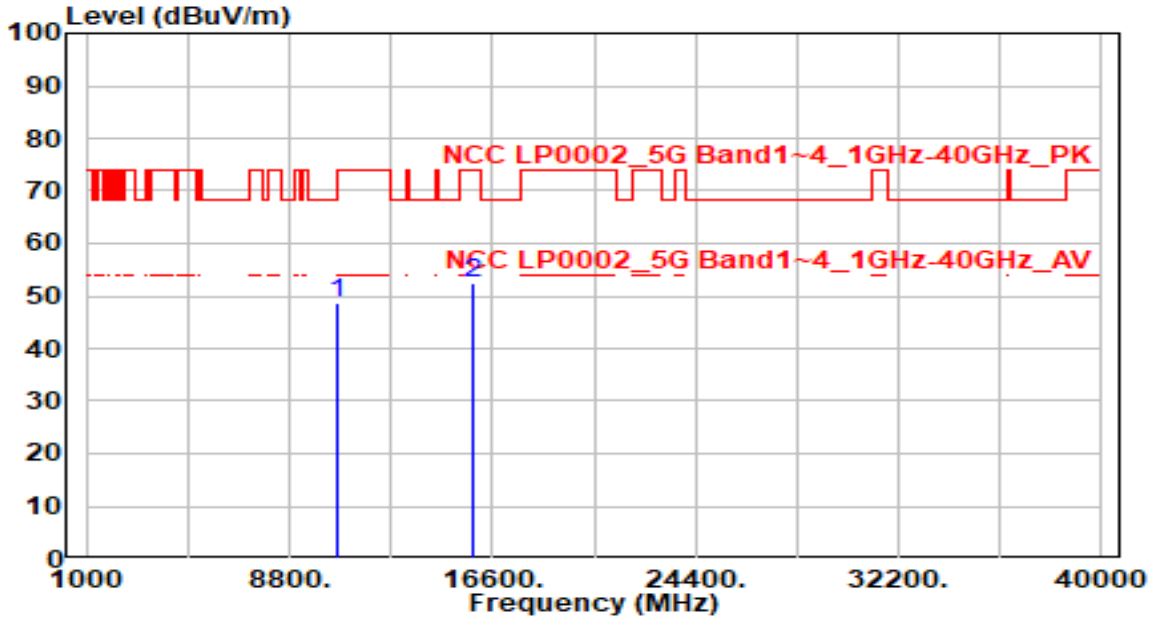


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10520.000	47.33	4.34	51.67	-16.53	68.20	100	0	Peak
2	*	15780.000	49.59	6.10	55.69	-18.31	74.00	105	90	Peak
3	*	15780.000	38.16	6.10	44.26	-9.74	54.00	105	90	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH60_ANT 0	Test Voltage	By Notebook PC

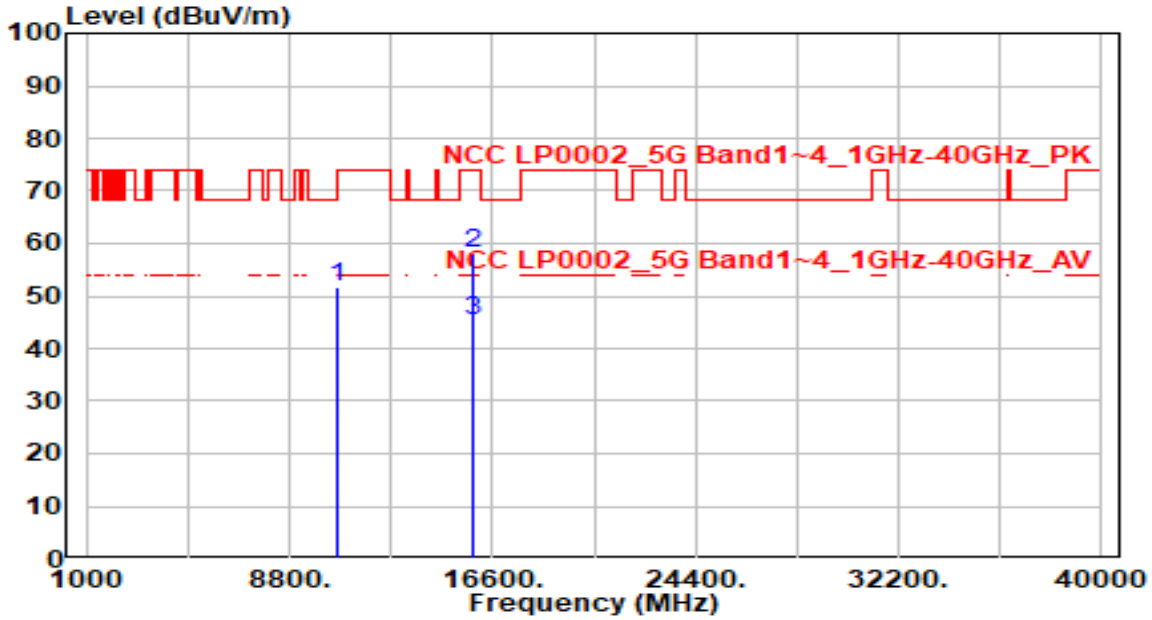


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10600.000	44.42	4.35	48.77	-19.43	68.20	100	360	Peak
2		15900.000	46.11	6.30	52.41	-21.59	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH60_ANT 0	Test Voltage	By Notebook PC

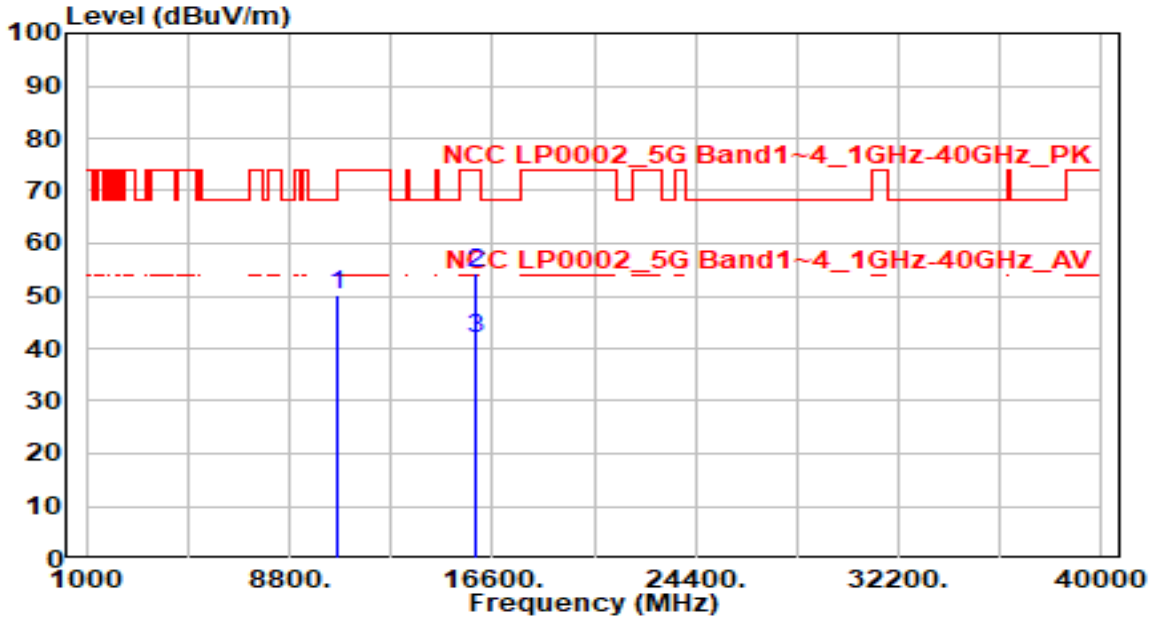


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10600.000	47.22	4.35	51.57	-16.63	68.20	100	35	Peak
2	*	15900.000	51.71	6.30	58.01	-15.99	74.00	100	95	Peak
3	*	15900.000	38.83	6.30	45.13	-8.87	54.00	100	95	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH64_ANT 0	Test Voltage	By Notebook PC

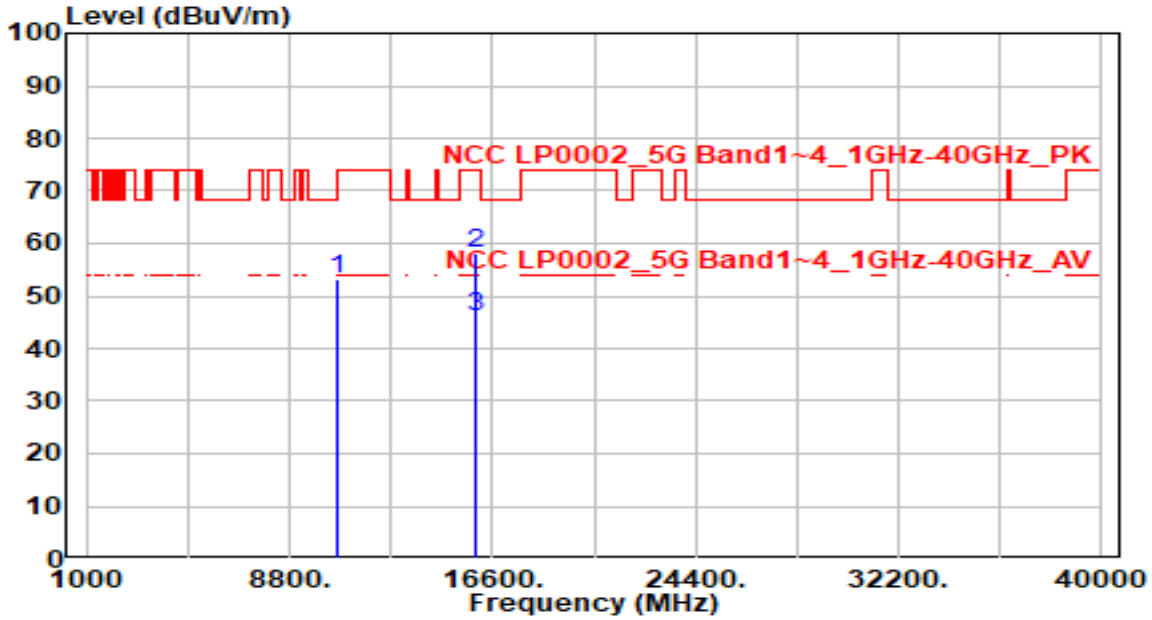


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10640.000	45.97	4.34	50.31	-23.69	74.00	100	360	Peak
2	*	15960.000	47.97	6.40	54.37	-19.63	74.00	100	345	Peak
3	*	15960.000	35.53	6.40	41.93	-12.07	54.00	100	345	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH64_ANT 0	Test Voltage	By Notebook PC

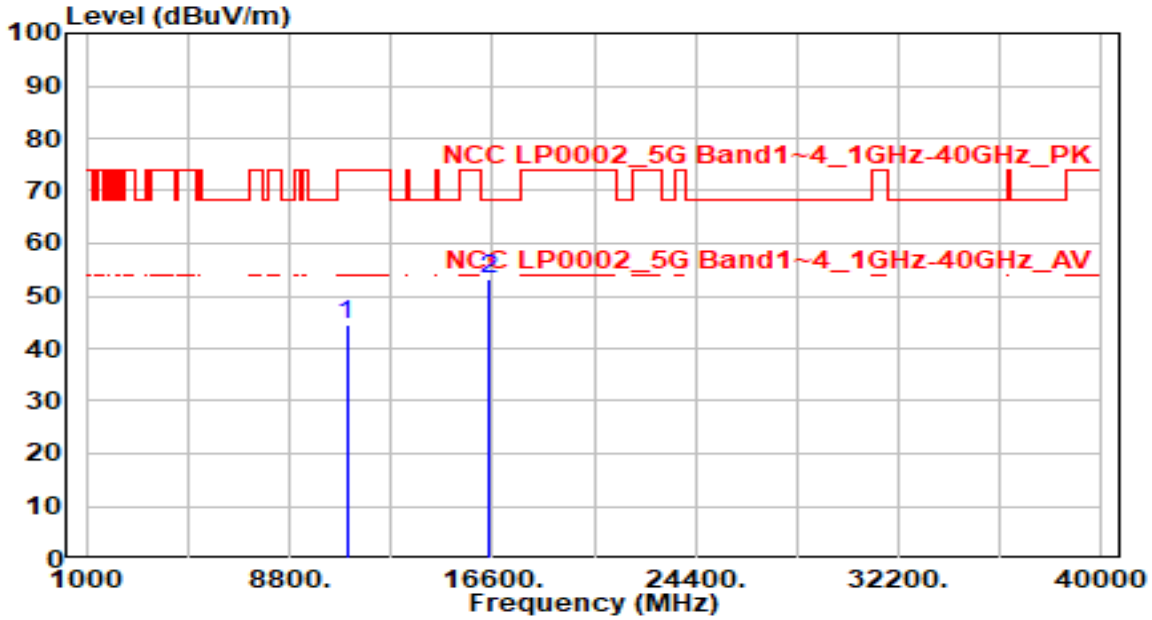


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10640.000	48.90	4.34	53.24	-20.76	74.00	100	0	Peak
2	*	15960.000	51.58	6.40	57.98	-16.02	74.00	110	95	Peak
3	*	15960.000	39.53	6.40	45.93	-8.07	54.00	110	95	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH100_ANT 0	Test Voltage	By Notebook PC

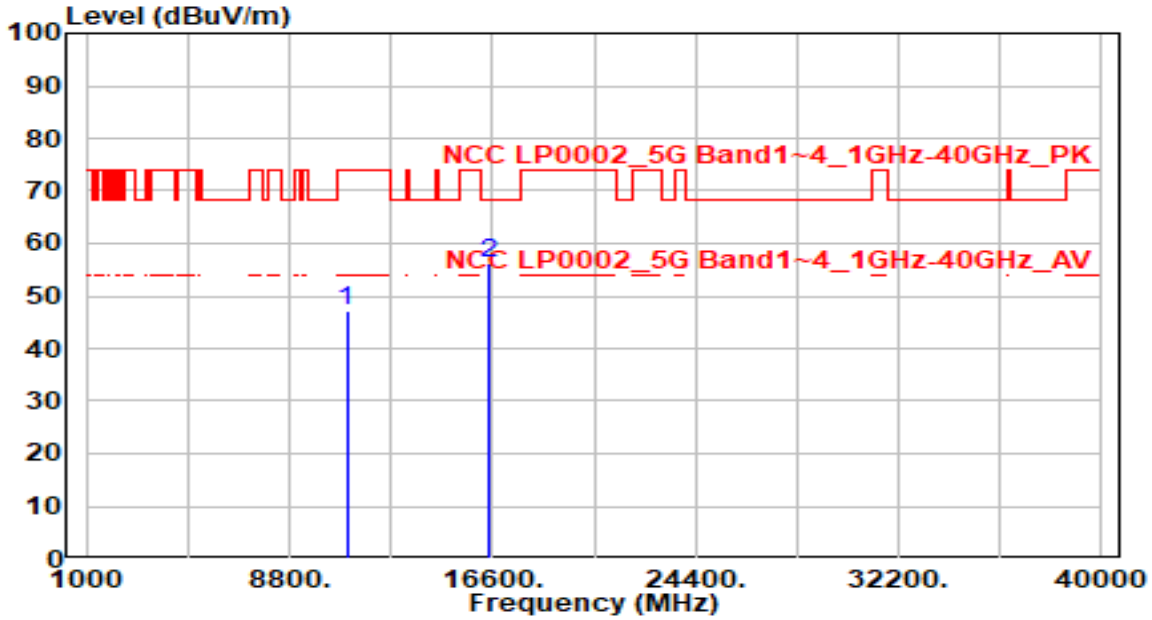


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11000.000	40.25	4.40	44.65	-29.35	74.00	100	0	Peak
2	*	16500.000	47.37	5.97	53.33	-14.87	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH100_ANT 0	Test Voltage	By Notebook PC

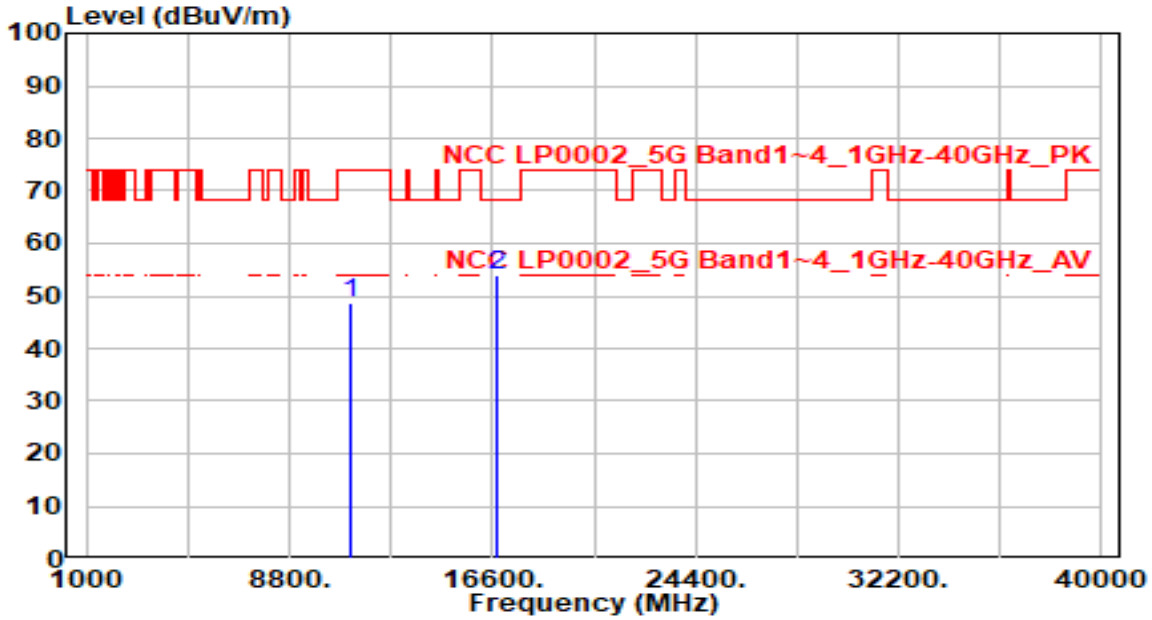


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11000.000	42.77	4.40	47.17	-26.83	74.00	100	360	Peak
2	*	16500.000	50.39	5.97	56.35	-11.85	68.20	100	95	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No2 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH120_ANT 0	Test Voltage	By Notebook PC

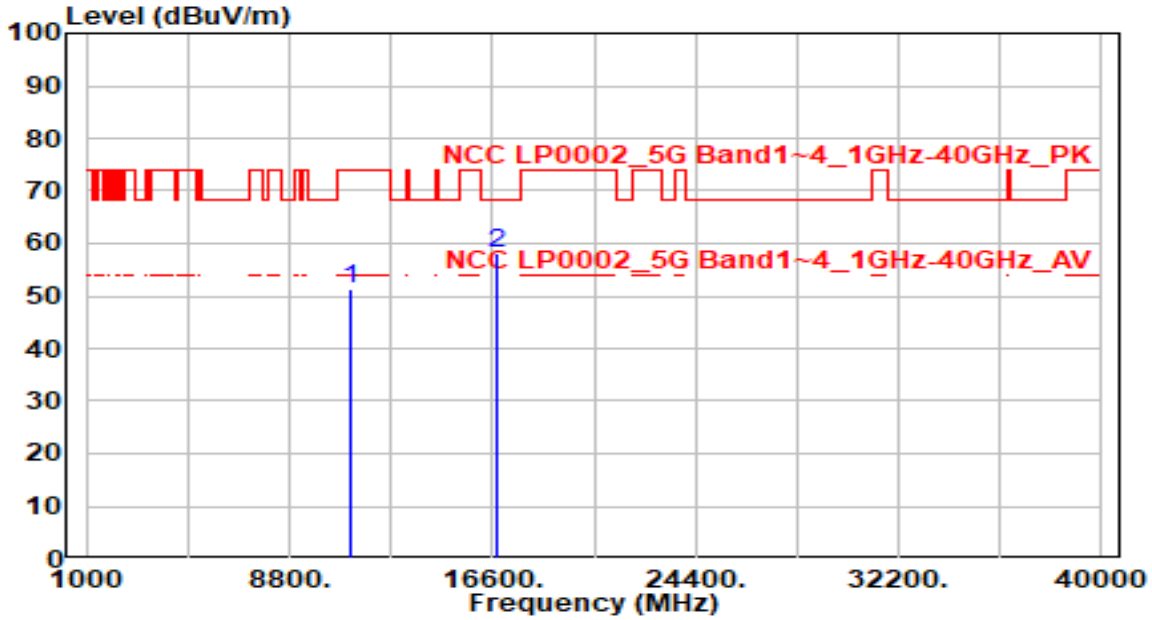


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11200.000	44.06	4.73	48.79	-25.21	74.00	100	0	Peak
2	*	16800.000	48.07	5.78	53.85	-14.35	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH120_ANT 0	Test Voltage	By Notebook PC

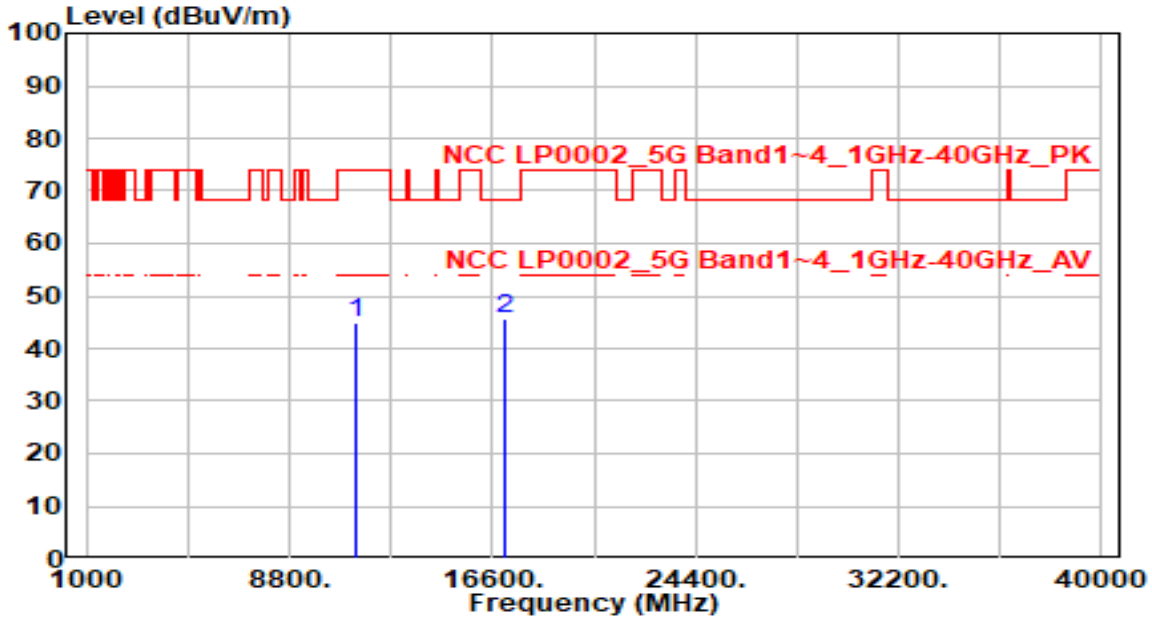


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11200.000	46.49	4.73	51.22	-22.78	74.00	200	0	Peak
2	*	16800.000	52.27	5.78	58.05	-10.15	68.20	100	100	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No2 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH140_ANT 0	Test Voltage	By Notebook PC

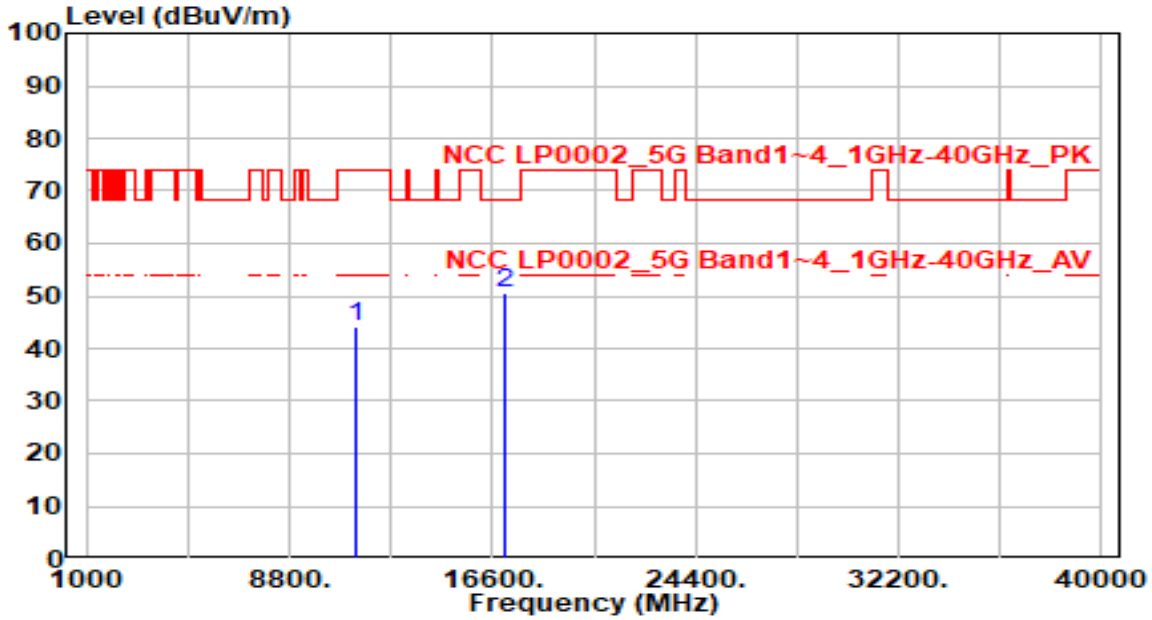


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11400.000	40.01	4.85	44.87	-29.13	74.00	200	360	Peak
2	*	17100.000	40.44	5.16	45.60	-22.60	68.20	200	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH140_ANT 0	Test Voltage	By Notebook PC

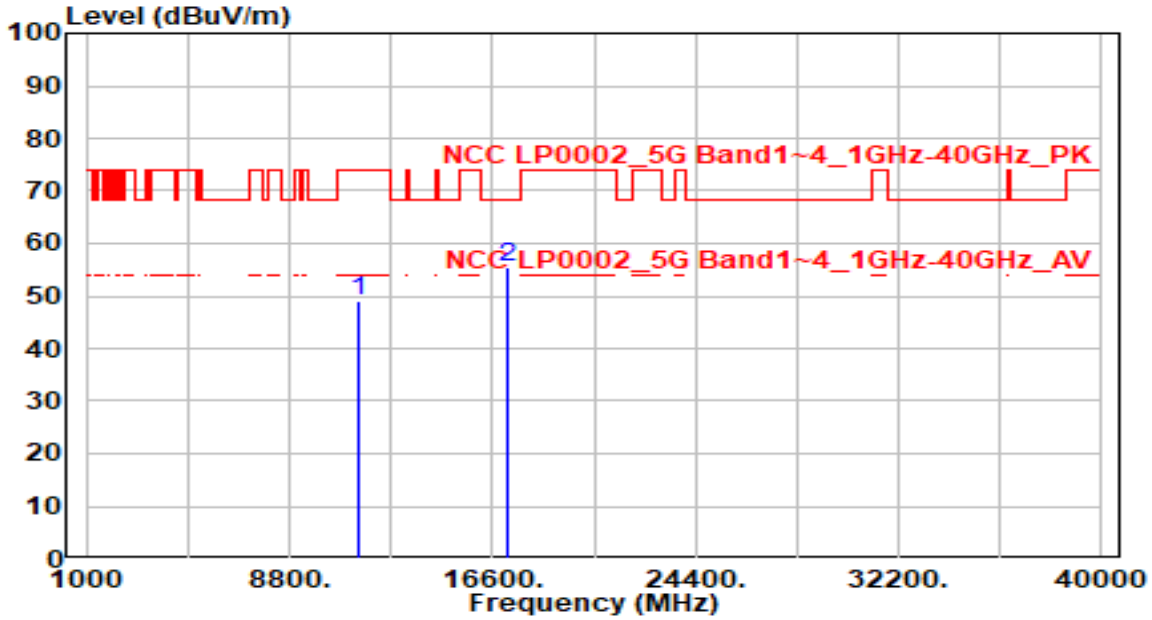


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11400.000	39.44	4.85	44.29	-29.71	74.00	100	0	Peak
2	*	17100.000	45.41	5.16	50.57	-17.63	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH144_ANT 0	Test Voltage	By Notebook PC

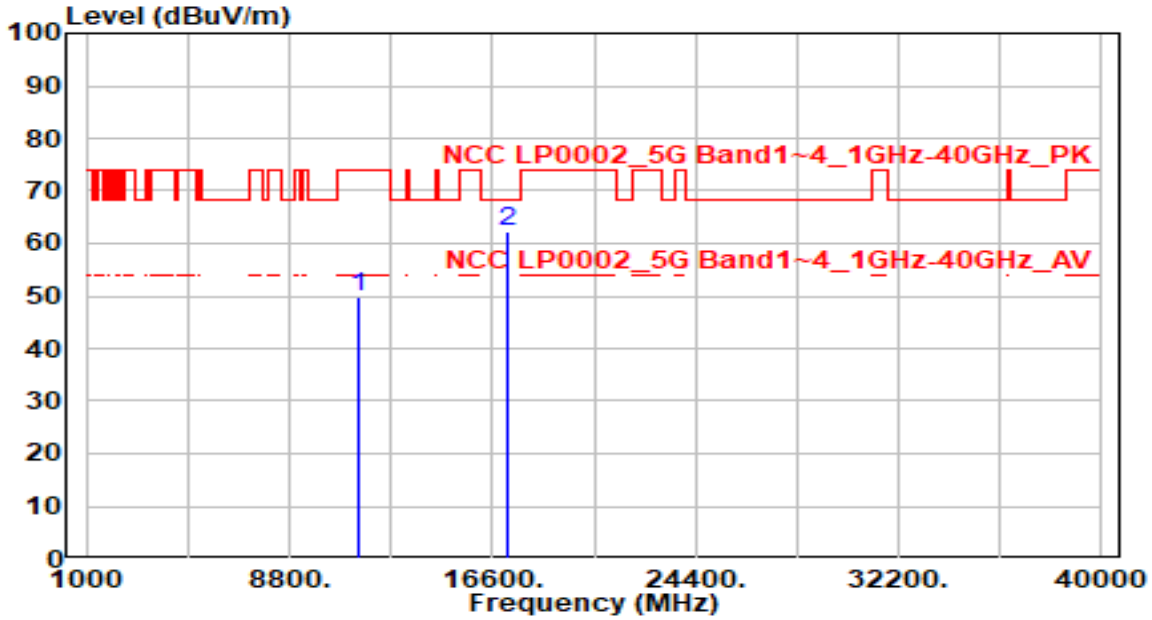


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11440.000	44.26	4.84	49.10	-24.90	74.00	100	360	Peak
2	*	17160.000	50.34	5.03	55.37	-12.83	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No2 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH144_ANT 0	Test Voltage	By Notebook PC

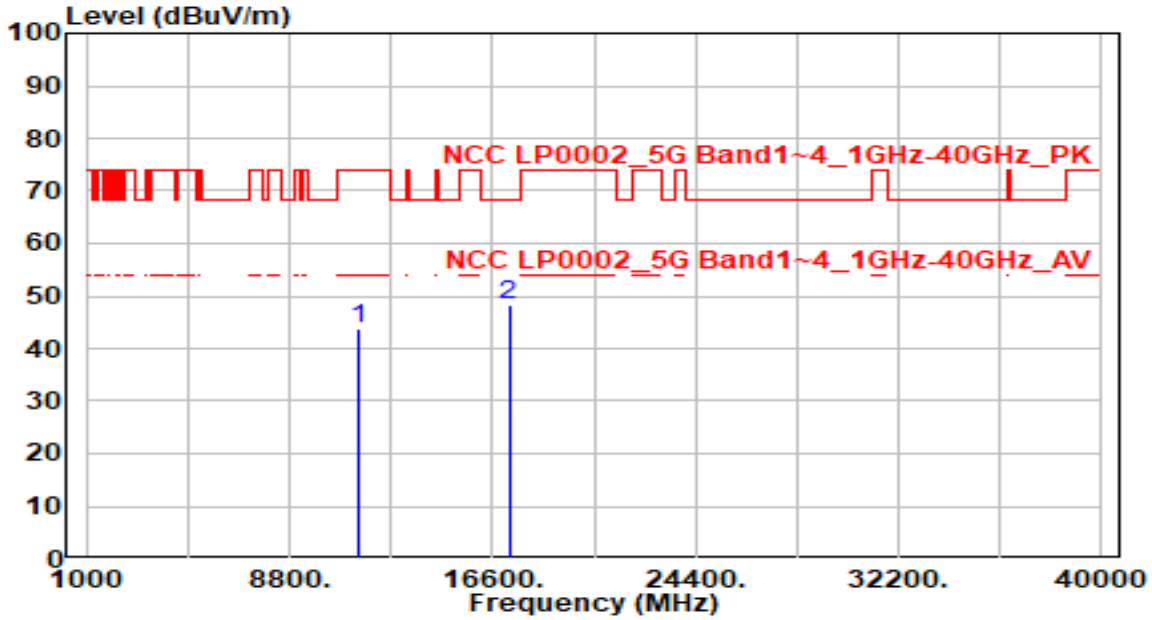


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11440.000	45.01	4.84	49.85	-24.15	74.00	100	0	Peak
2	*	17160.000	57.06	5.03	62.09	-6.11	68.20	100	95	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No2 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH149_ANT 0	Test Voltage	By Notebook PC

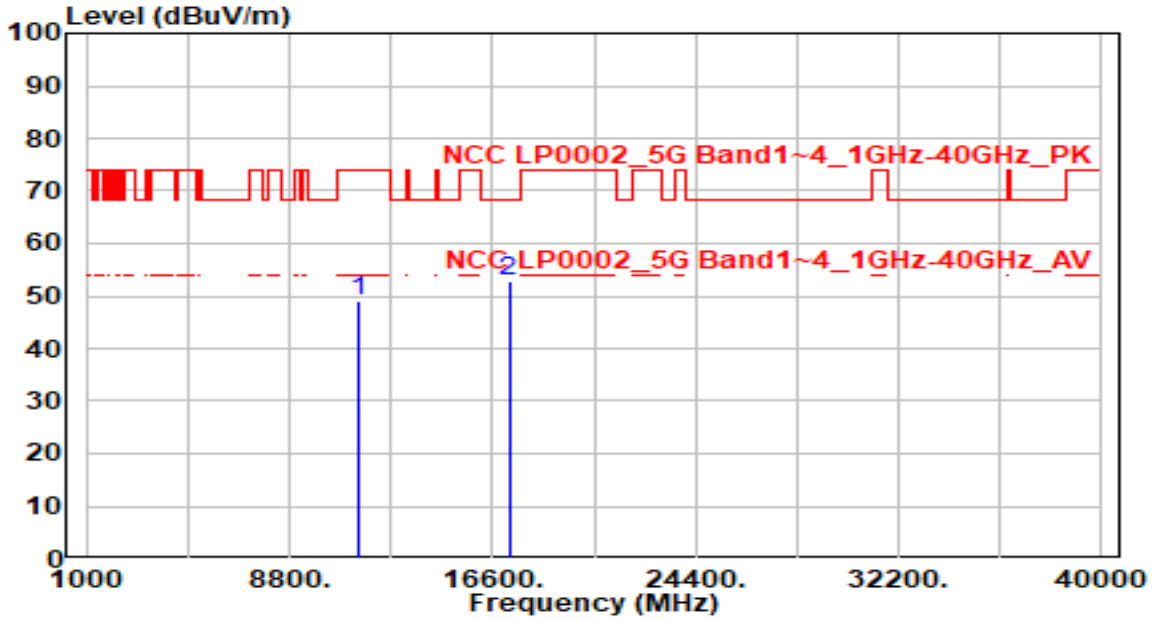


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11490.000	38.89	4.83	43.72	-30.28	74.00	100	360	Peak
2	*	17235.000	43.54	4.91	48.44	-19.76	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH149_ANT 0	Test Voltage	By Notebook PC

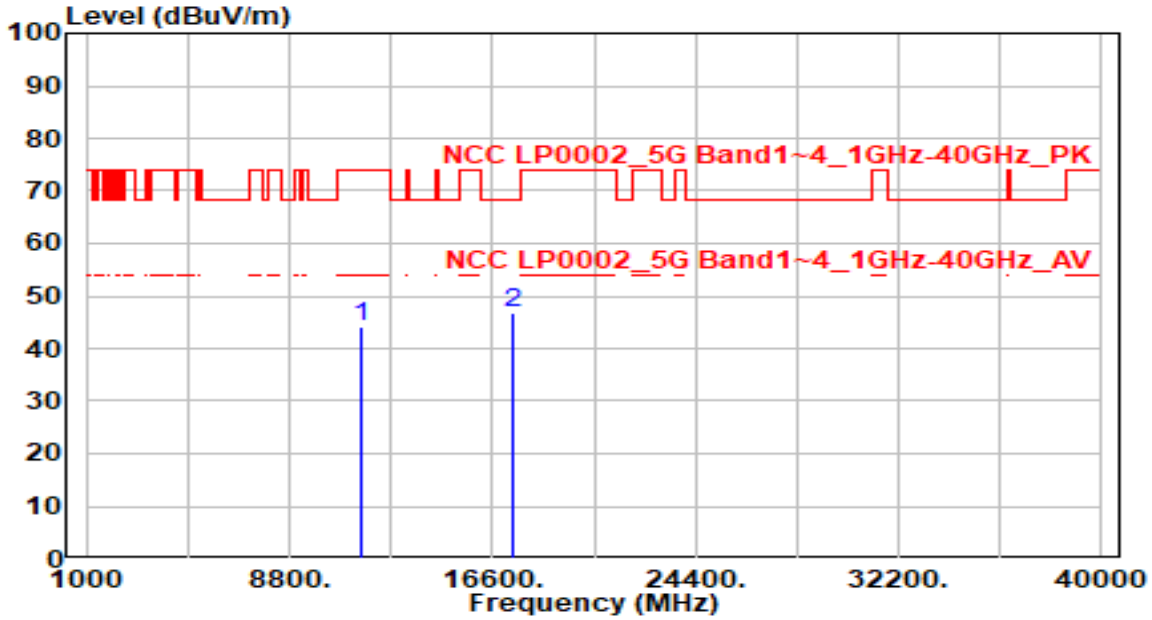


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11490.000	44.21	4.83	49.04	-24.96	74.00	100	0	Peak
2	*	17235.000	48.02	4.91	52.92	-15.28	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH157_ANT 0	Test Voltage	By Notebook PC

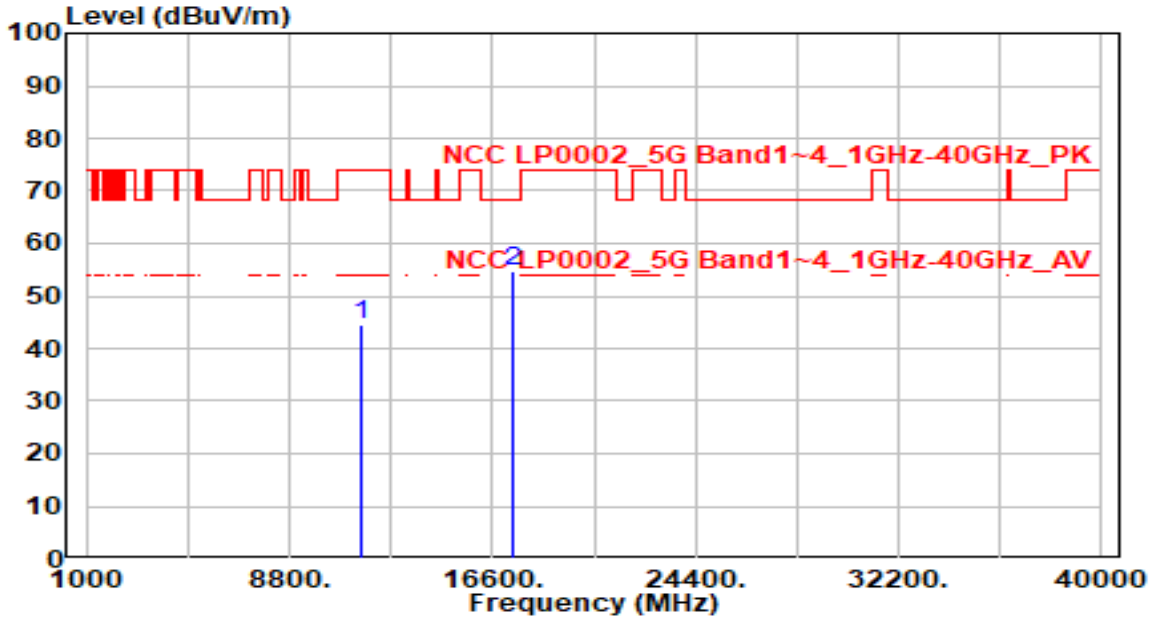


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	39.46	4.81	44.27	-29.73	74.00	100	360	Peak
2	*	17355.000	42.04	4.81	46.85	-21.35	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH157_ANT 0	Test Voltage	By Notebook PC

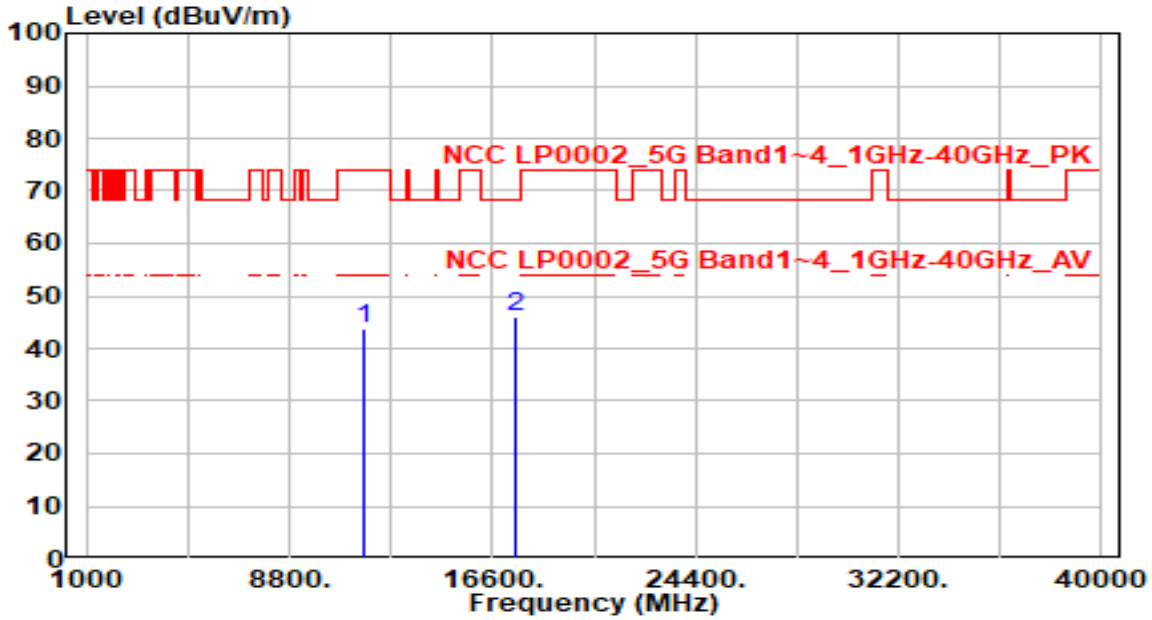


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	39.86	4.81	44.68	-29.32	74.00	100	0	Peak
2	*	17355.000	49.84	4.81	54.65	-13.55	68.20	100	95	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No2 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH165_ANT 0	Test Voltage	By Notebook PC

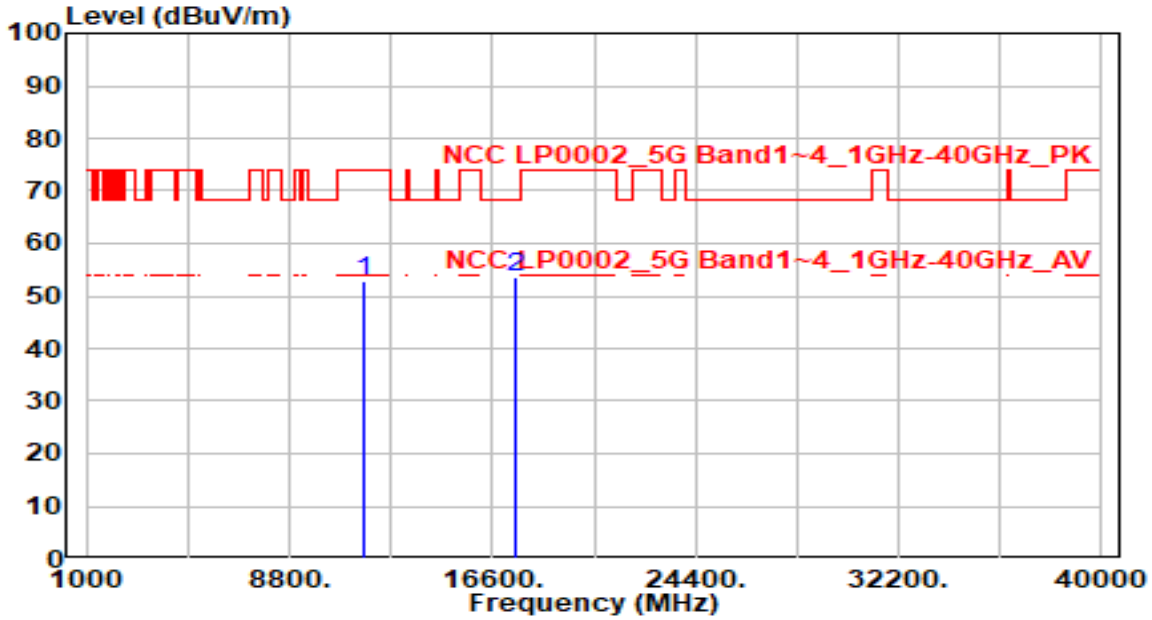


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.080	38.88	4.80	43.68	-30.32	74.00	100	360	Peak
2	*	17475.000	41.10	4.80	45.90	-22.30	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH165_ANT 0	Test Voltage	By Notebook PC

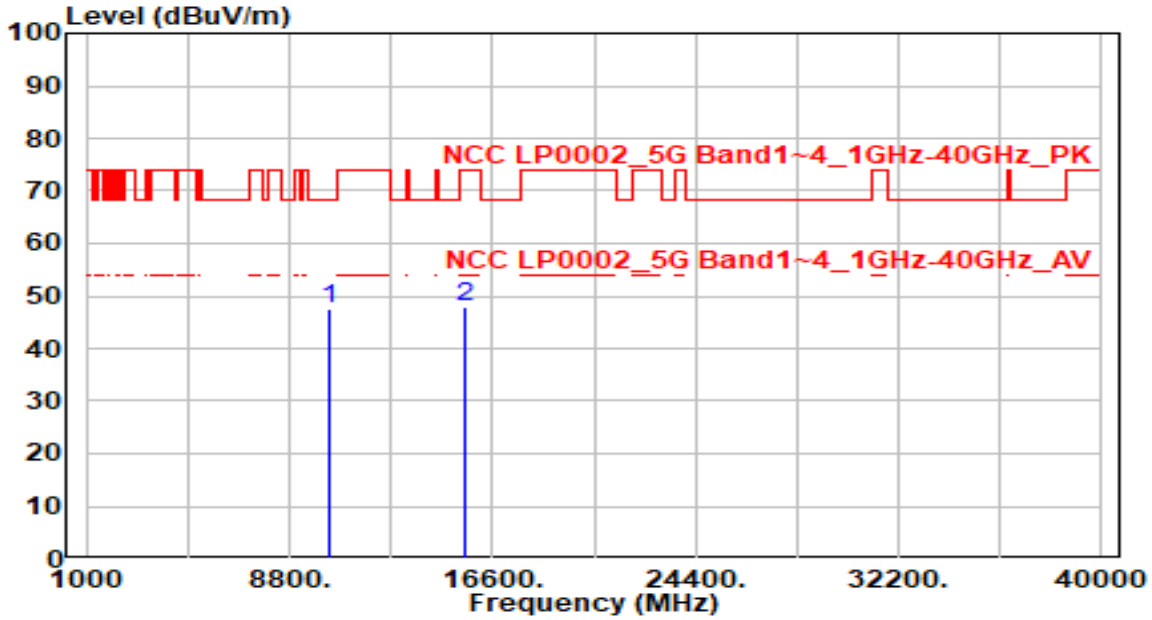


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	48.09	4.80	52.89	-21.11	74.00	100	0	Peak
2	*	17475.000	48.60	4.80	53.40	-14.80	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH36_ANT 0+1	Test Voltage	By Notebook PC

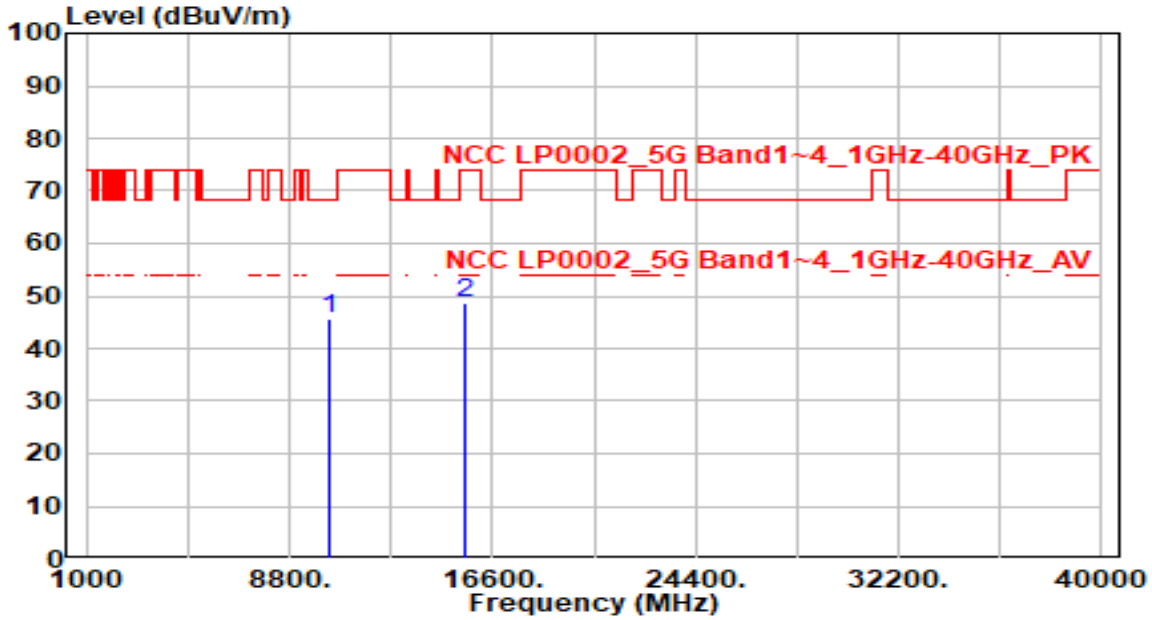


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	43.24	4.32	47.56	-20.64	68.20	200	0	Peak
2		15540.000	42.14	5.86	48.00	-26.00	74.00	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH36_ANT 0+1	Test Voltage	By Notebook PC

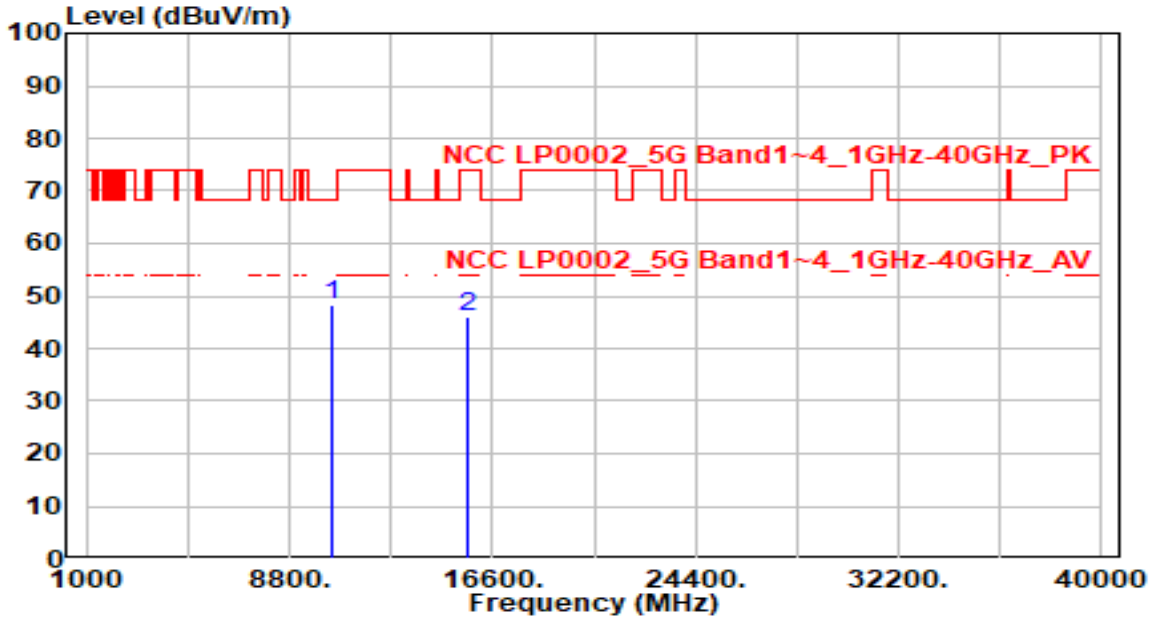


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	41.15	4.32	45.48	-22.72	68.20	100	0	Peak
2		15540.000	42.84	5.86	48.70	-25.30	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH44_ANT 0+1	Test Voltage	By Notebook PC

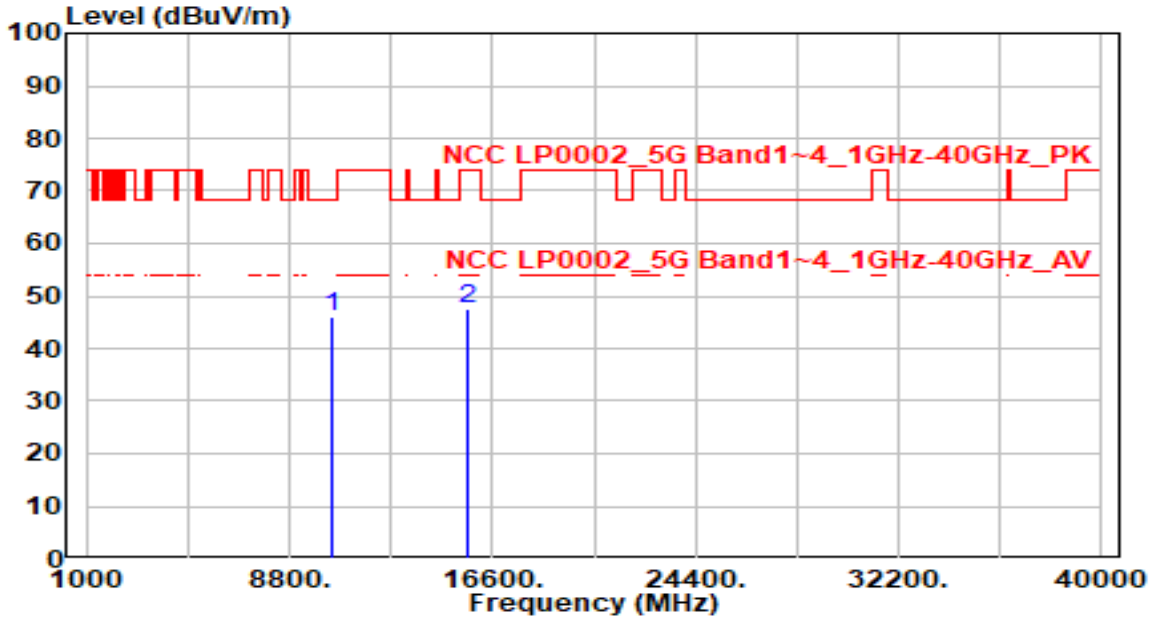


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	43.94	4.32	48.26	-19.94	68.20	100	360	Peak
2		15660.000	40.22	5.96	46.18	-27.82	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH44_ANT 0+1	Test Voltage	By Notebook PC

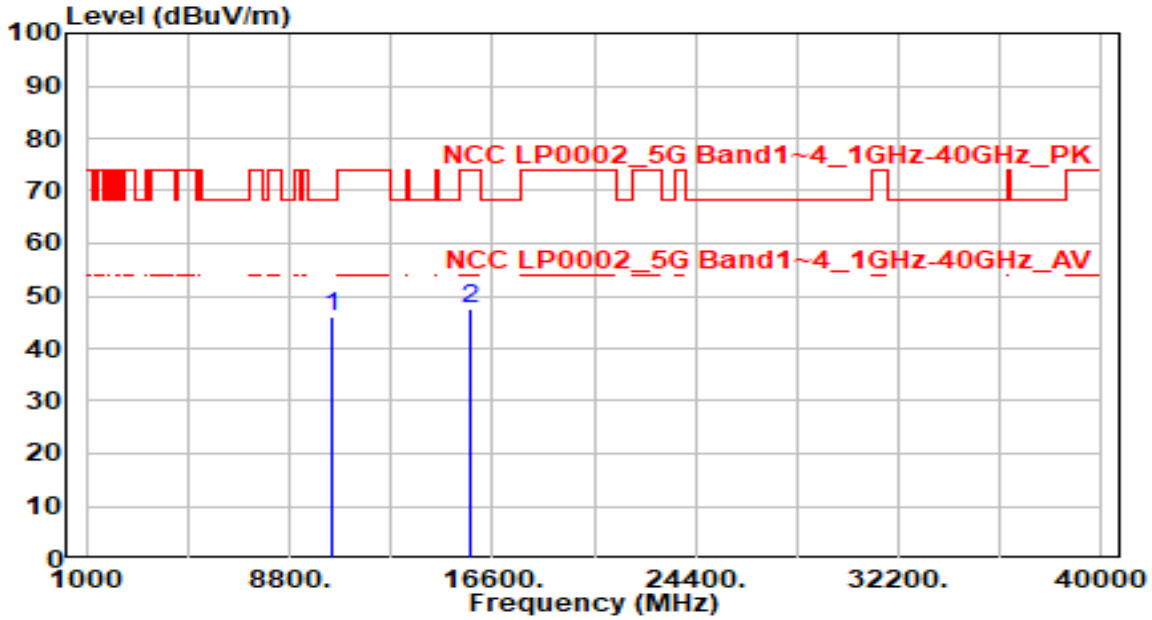


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	41.77	4.32	46.09	-22.11	68.20	200	360	Peak
2		15660.000	41.55	5.96	47.51	-26.49	74.00	200	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH48_ANT 0+1	Test Voltage	By Notebook PC

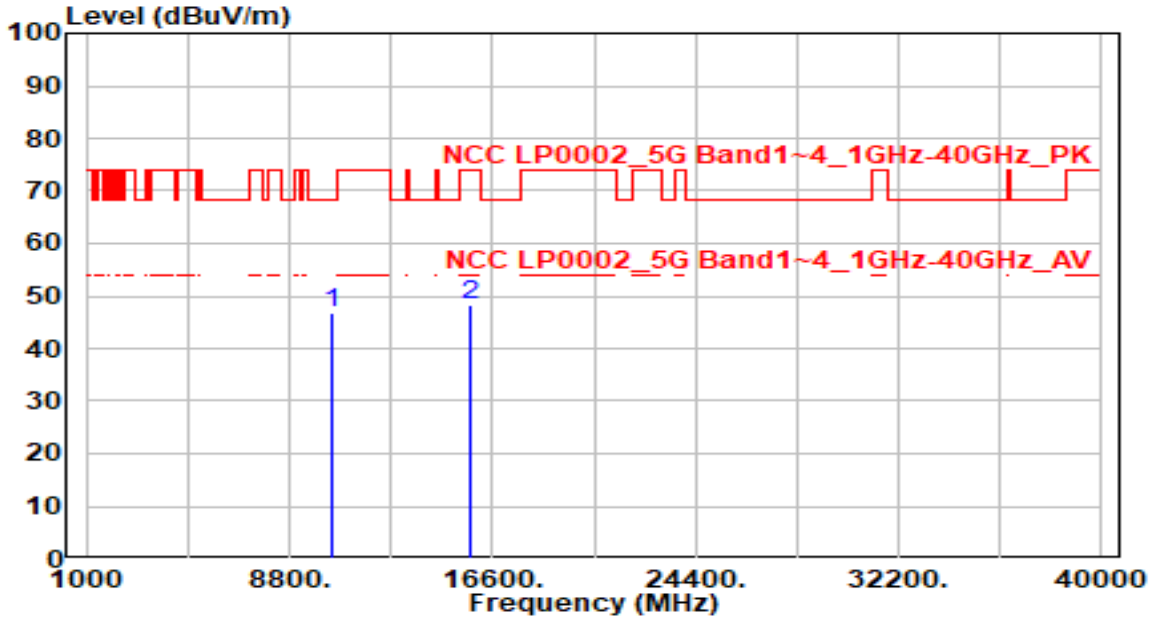


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	41.70	4.33	46.02	-22.18	68.20	100	360	Peak
2		15720.000	41.35	6.03	47.38	-26.62	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH48_ANT 0+1	Test Voltage	By Notebook PC

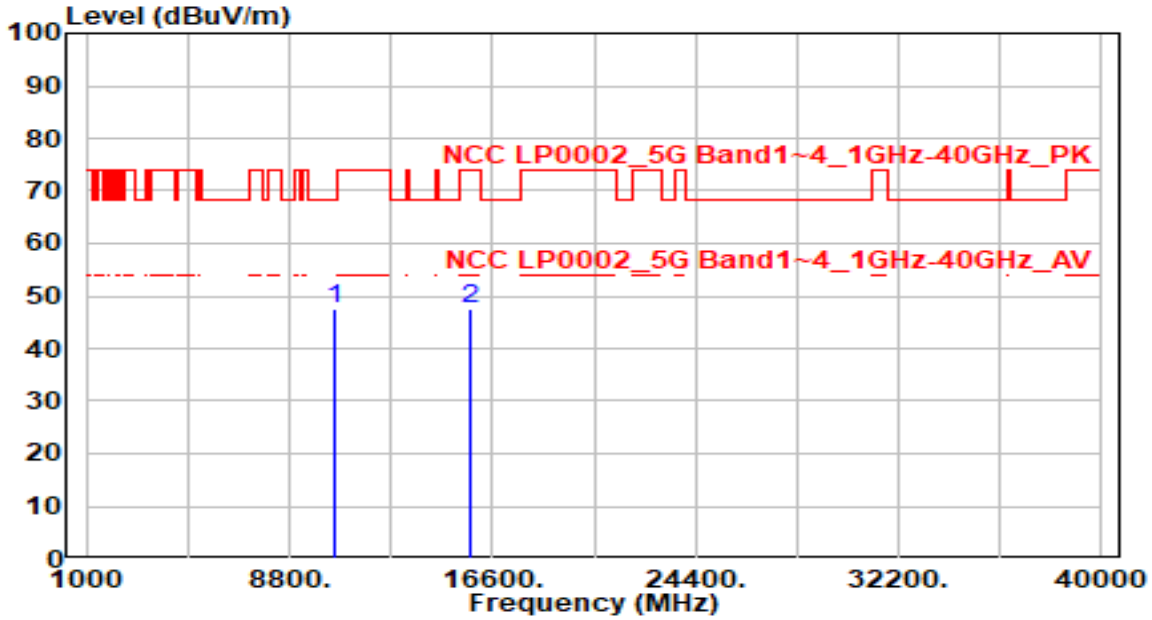


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	42.54	4.33	46.87	-21.33	68.20	100	0	Peak
2		15720.000	42.27	6.03	48.30	-25.70	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH52_ANT 0+1	Test Voltage	By Notebook PC

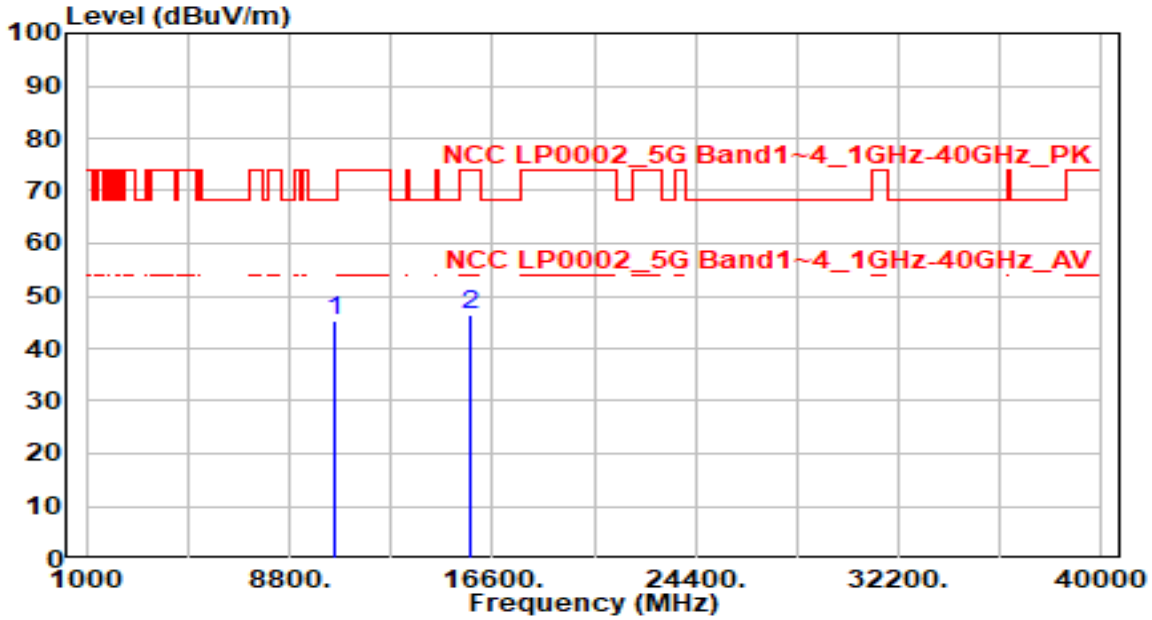


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10520.000	43.29	4.34	47.62	-20.58	68.20	100	360	Peak
2		15780.000	41.55	6.10	47.65	-26.35	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH52_ANT 0+1	Test Voltage	By Notebook PC

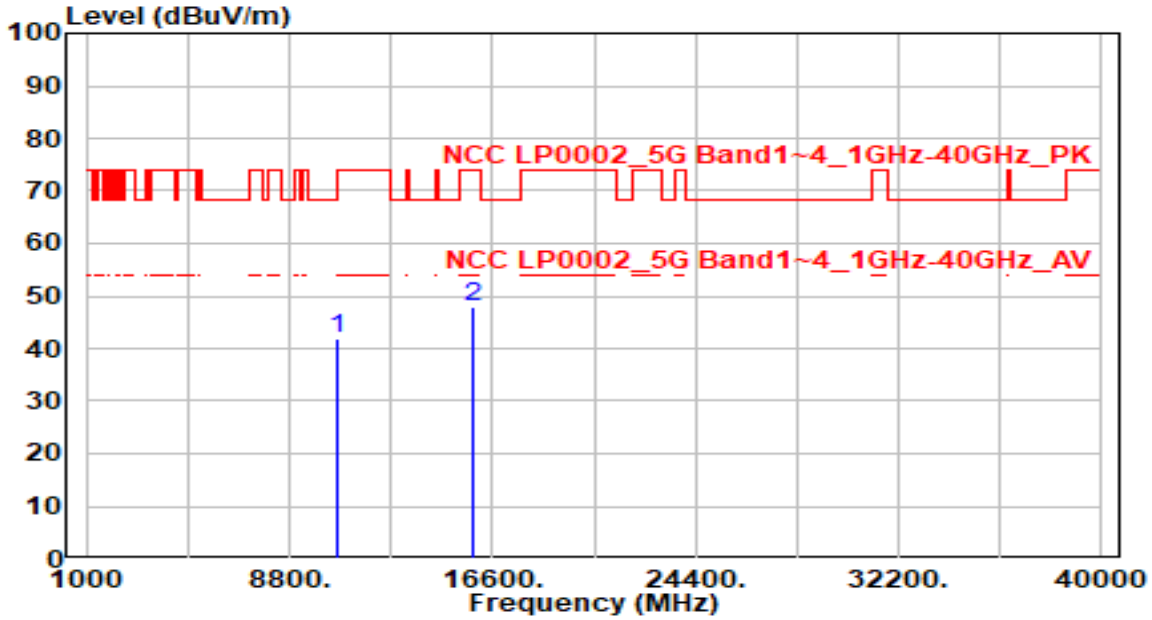


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10520.000	40.83	4.34	45.17	-23.03	68.20	100	0	Peak
2		15780.000	40.50	6.10	46.60	-27.40	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH60_ANT 0+1	Test Voltage	By Notebook PC

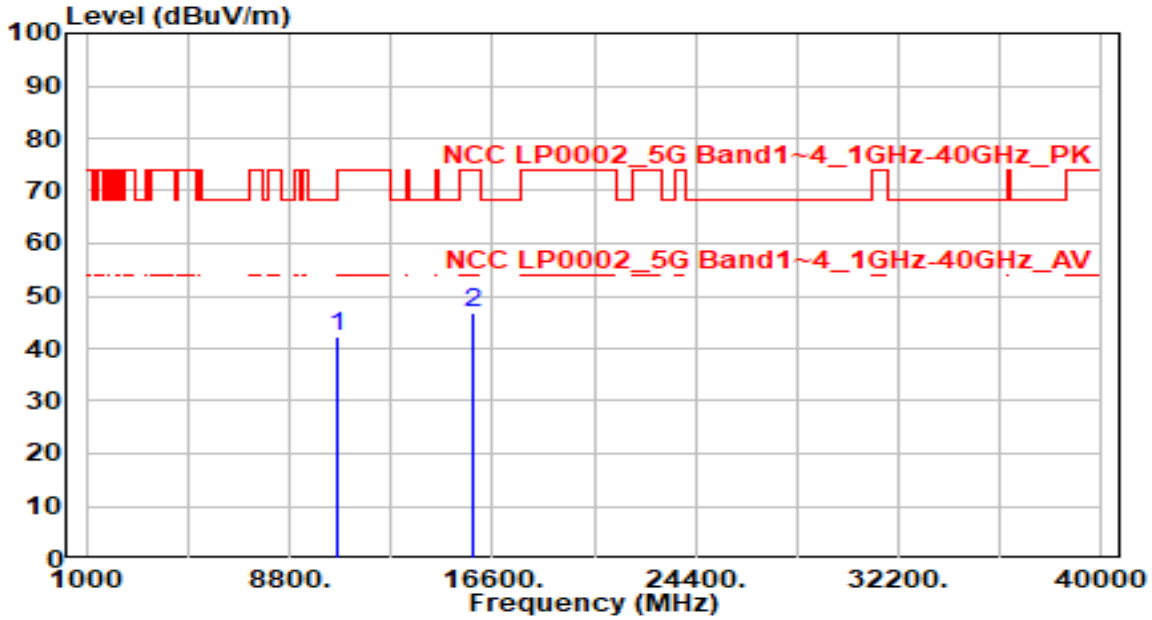


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10600.000	37.48	4.35	41.83	-26.37	68.20	200	0	Peak
2	*	15900.000	41.50	6.30	47.79	-26.21	74.00	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH60_ANT 0+1	Test Voltage	By Notebook PC

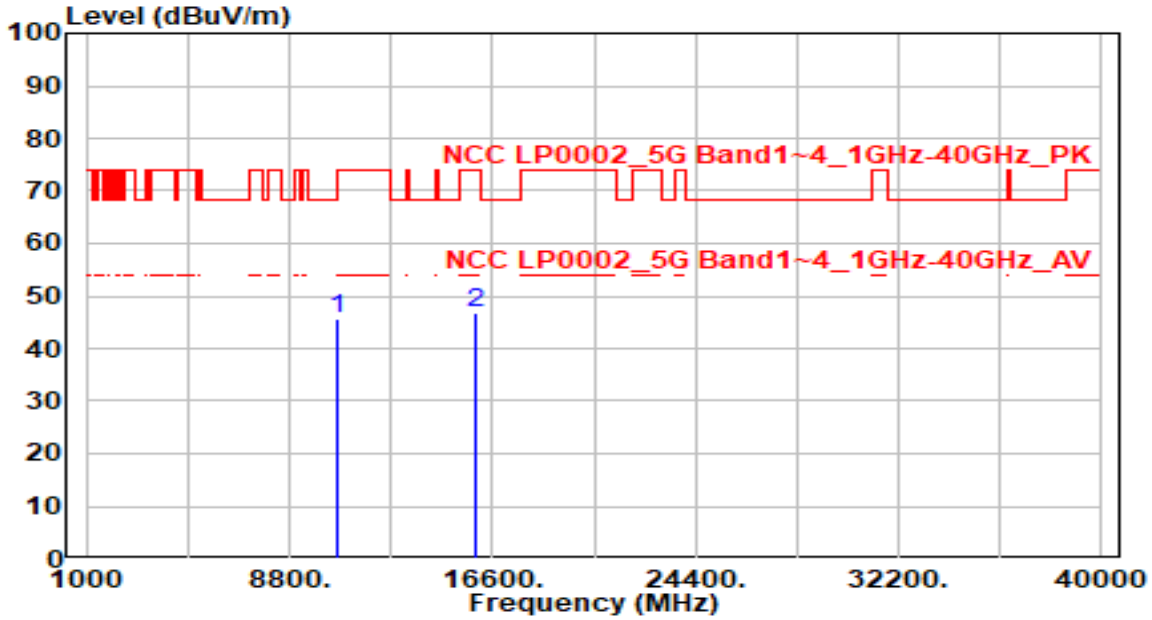


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10600.000	37.88	4.35	42.23	-25.97	68.20	100	0	Peak
2		15900.000	40.63	6.30	46.92	-27.08	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH64_ANT 0+1	Test Voltage	By Notebook PC

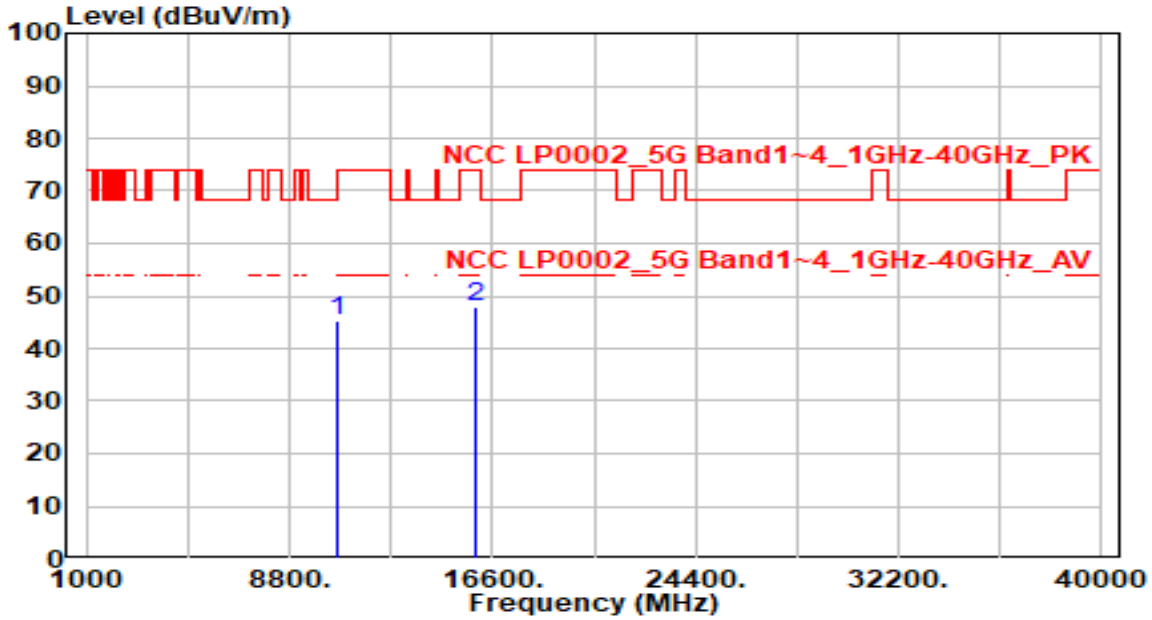


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10640.000	41.27	4.34	45.61	-28.39	74.00	100	360	Peak
2	*	15960.000	40.57	6.40	46.97	-27.03	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH64_ANT 0+1	Test Voltage	By Notebook PC

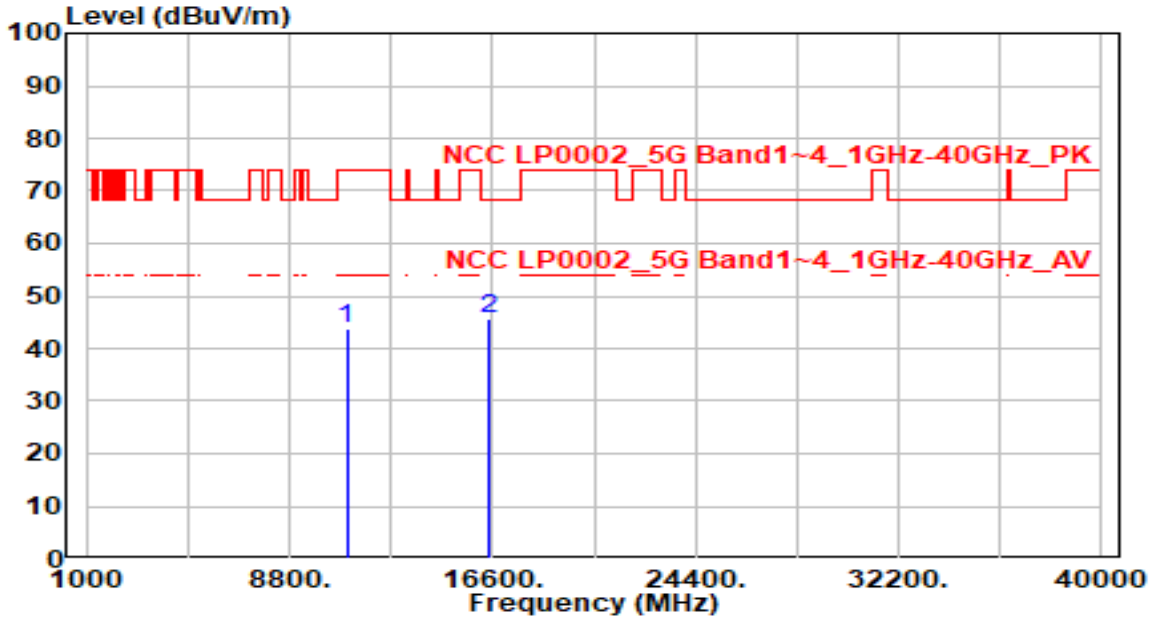


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10640.000	40.79	4.34	45.13	-28.87	74.00	100	0	Peak
2	*	15960.000	41.41	6.40	47.81	-26.19	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH100_ANT 0+1	Test Voltage	By Notebook PC

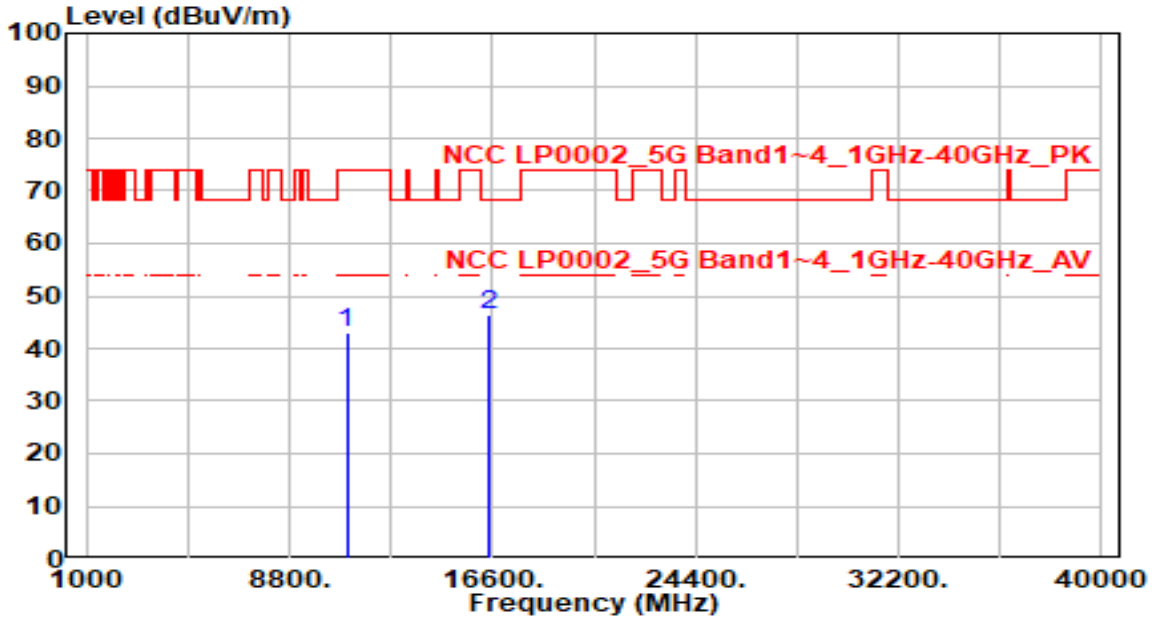


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11000.000	39.46	4.40	43.86	-30.14	74.00	100	360	Peak
2	*	16500.000	39.65	5.97	45.62	-22.58	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH100_ANT 0+1	Test Voltage	By Notebook PC

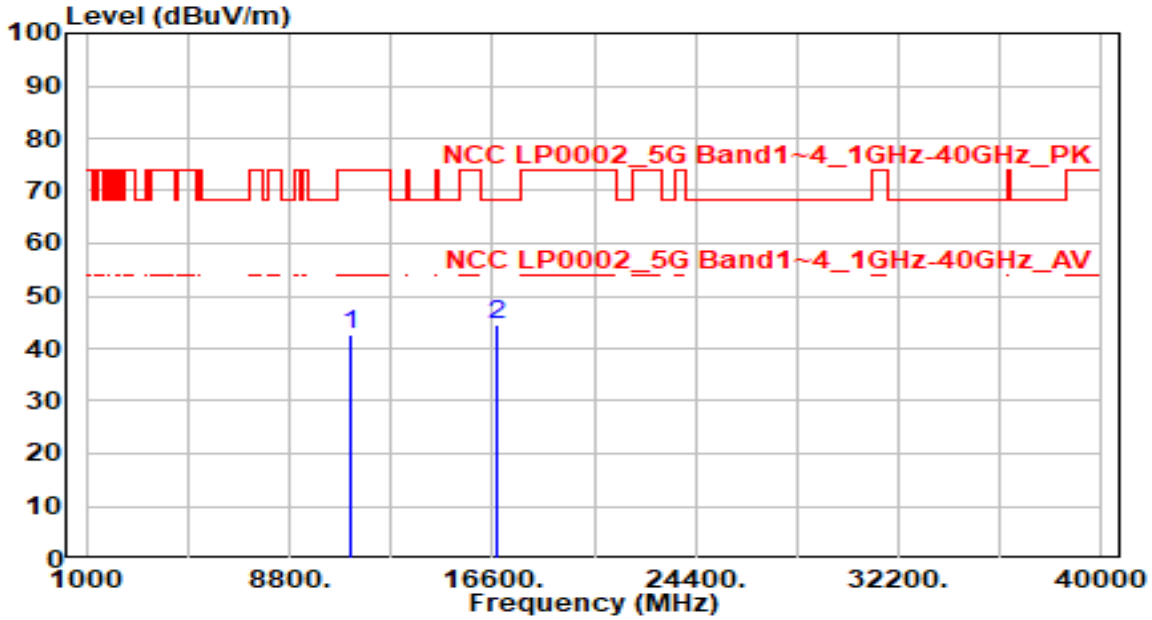


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11000.000	38.79	4.40	43.19	-30.81	74.00	100	0	Peak
2	*	16500.000	40.59	5.97	46.56	-21.64	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH120_ANT 0+1	Test Voltage	By Notebook PC

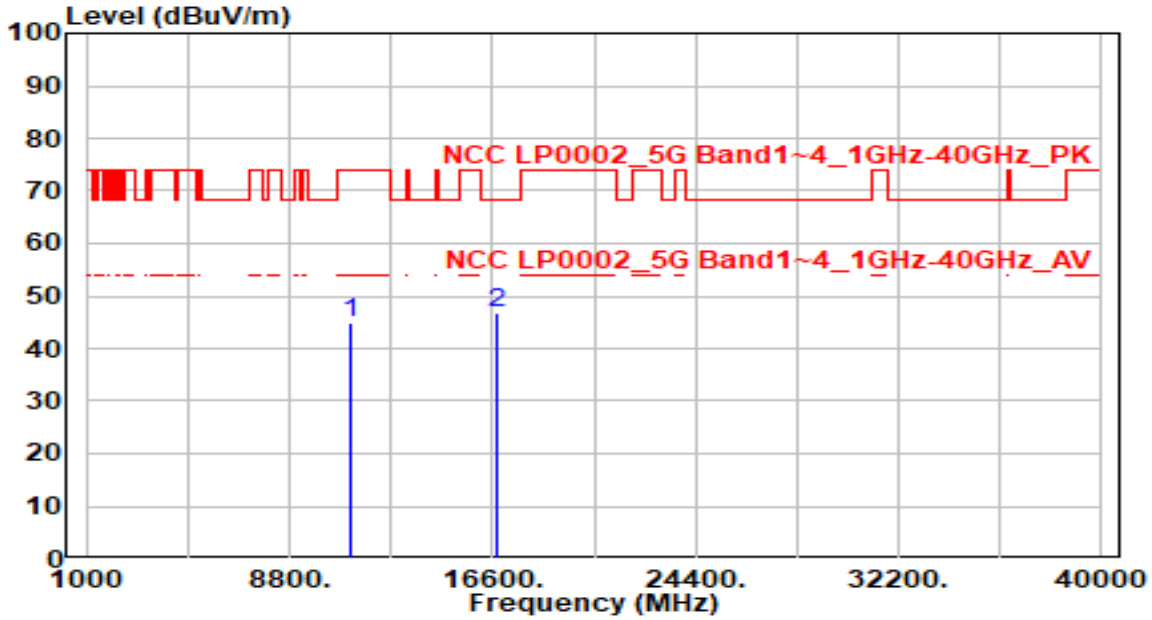


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11200.000	38.10	4.73	42.82	-31.18	74.00	100	360	Peak
2	*	16800.000	38.92	5.78	44.70	-23.50	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH120_ANT 0+1	Test Voltage	By Notebook PC

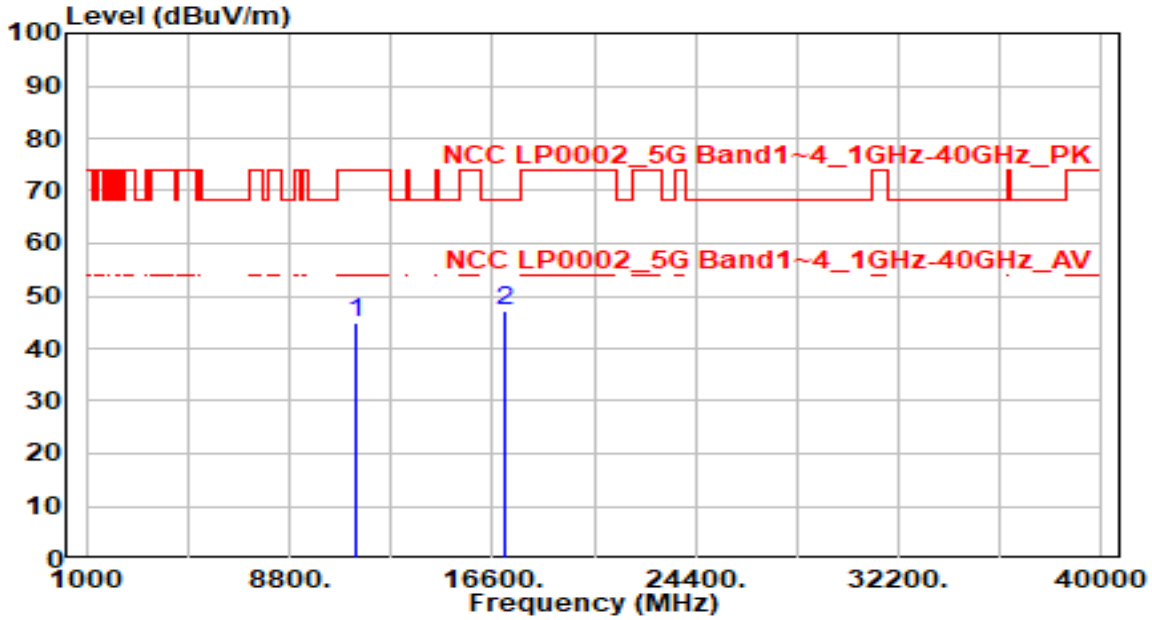


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11200.000	40.09	4.73	44.82	-29.18	74.00	100	0	Peak
2	*	16800.000	40.87	5.78	46.65	-21.55	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH140_ANT 0+1	Test Voltage	By Notebook PC

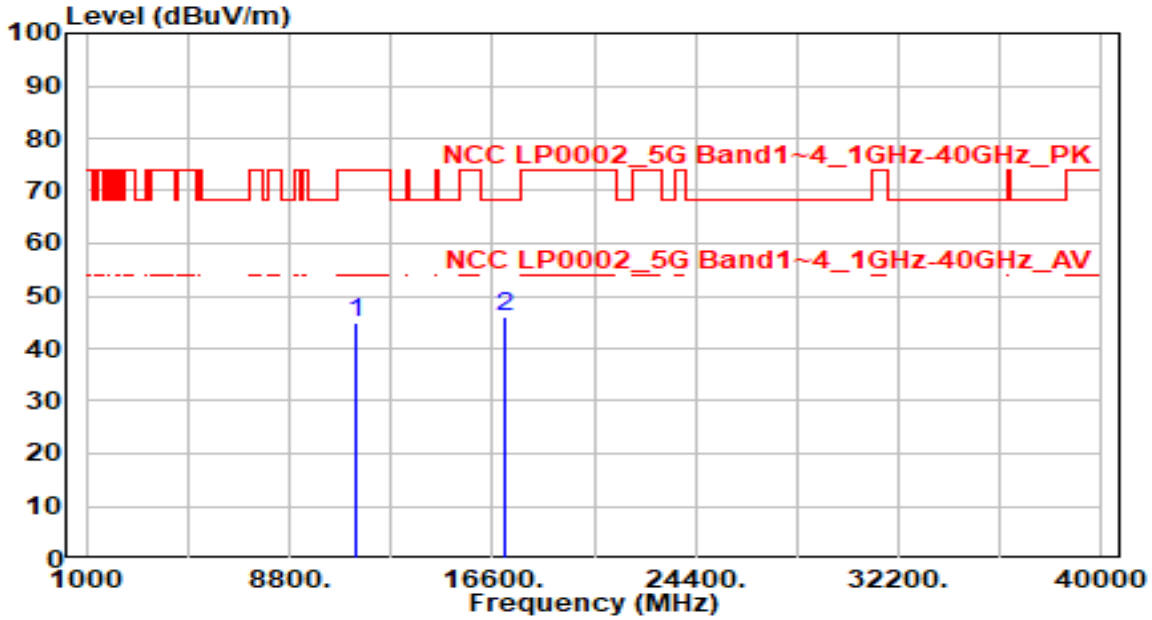


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11400.000	39.97	4.85	44.83	-29.17	74.00	100	360	Peak
2	*	17100.000	41.83	5.16	47.00	-21.20	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH140_ANT 0+1	Test Voltage	By Notebook PC

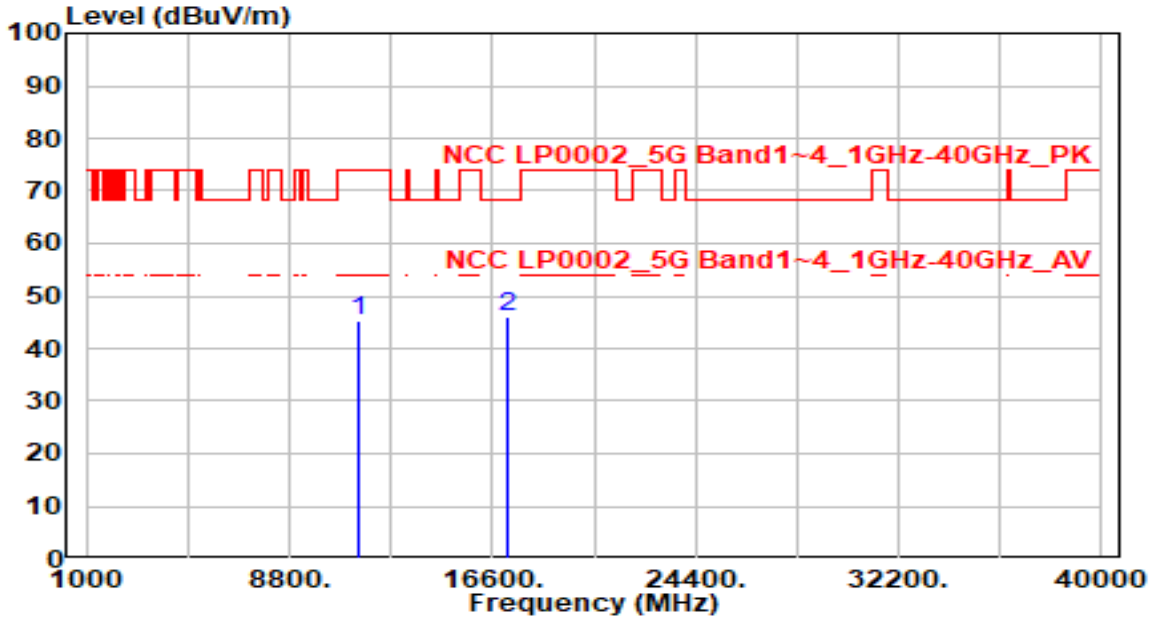


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11400.000	40.17	4.85	45.03	-28.97	74.00	200	360	Peak
2	*	17100.000	41.04	5.16	46.20	-22.00	68.20	200	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH144_ANT 0+1	Test Voltage	By Notebook PC

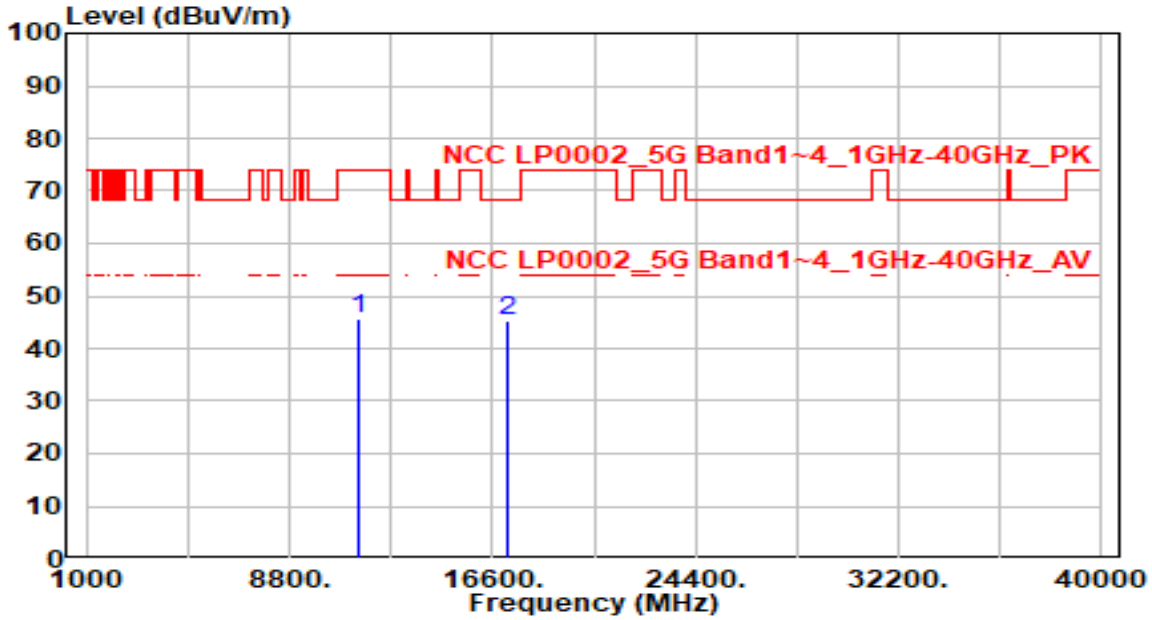


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11440.000	40.56	4.84	45.40	-28.60	74.00	200	0	Peak
2	*	17160.000	41.00	5.03	46.03	-22.17	68.20	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH144_ANT 0+1	Test Voltage	By Notebook PC

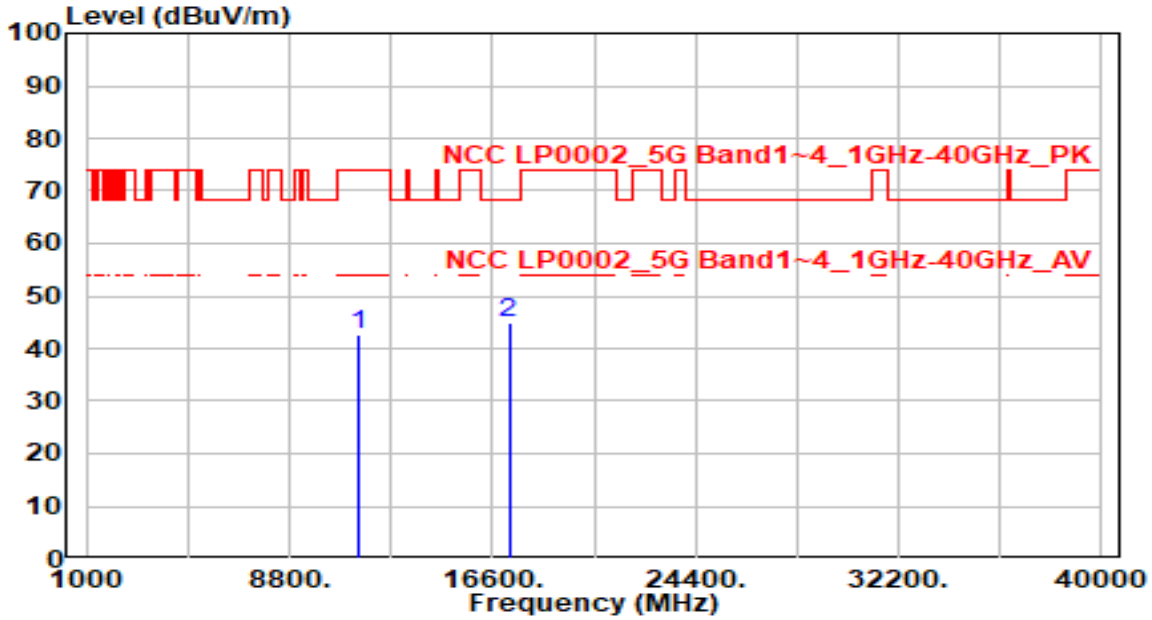


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11440.000	40.97	4.84	45.81	-28.19	74.00	100	0	Peak
2	*	17160.000	40.29	5.03	45.32	-22.88	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH149_ANT 0+1	Test Voltage	By Notebook PC

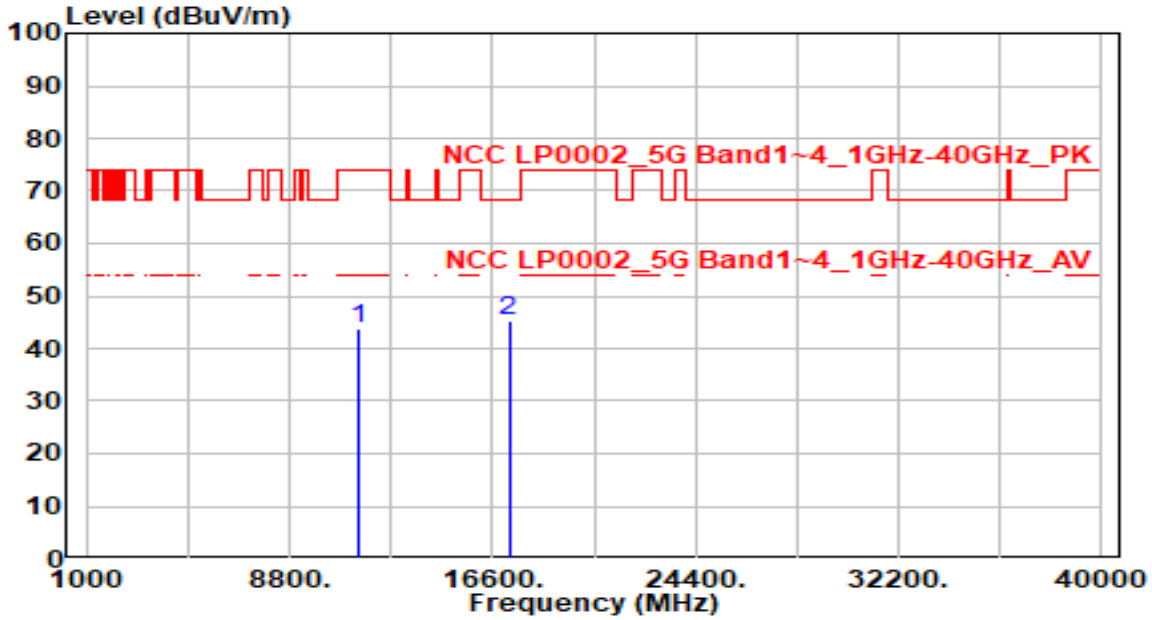


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11490.000	37.83	4.83	42.66	-31.34	74.00	100	360	Peak
2	*	17235.000	40.13	4.91	45.04	-23.16	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH149_ANT 0+1	Test Voltage	By Notebook PC

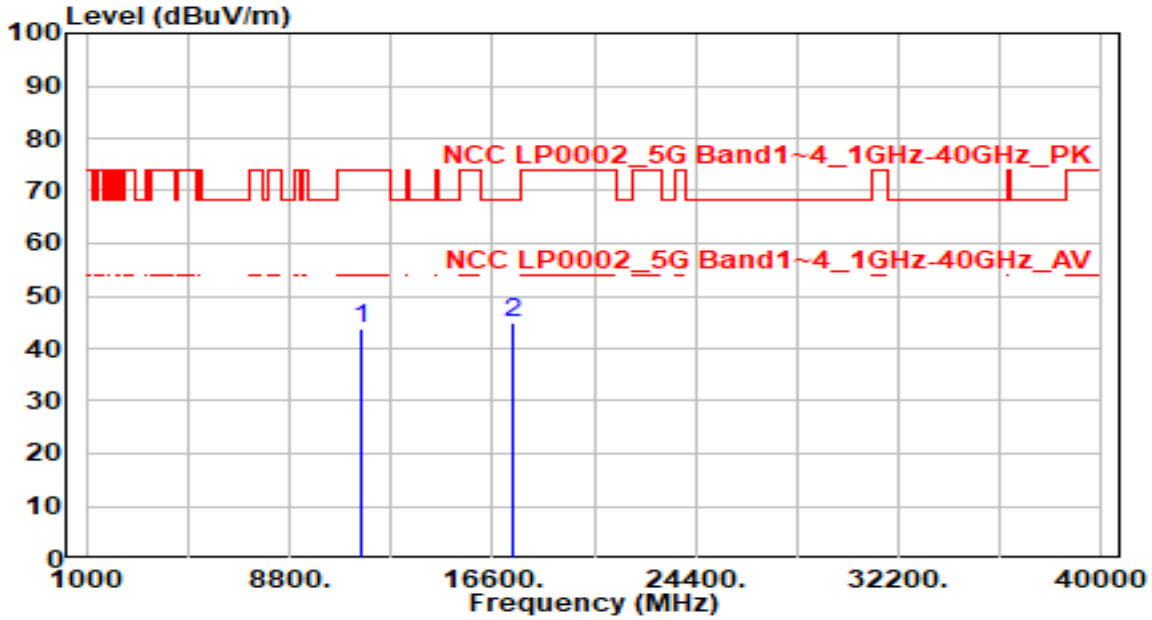


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11490.000	39.07	4.83	43.90	-30.10	74.00	100	0	Peak
2	*	17235.000	40.55	4.91	45.46	-22.74	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH157_ANT 0+1	Test Voltage	By Notebook PC

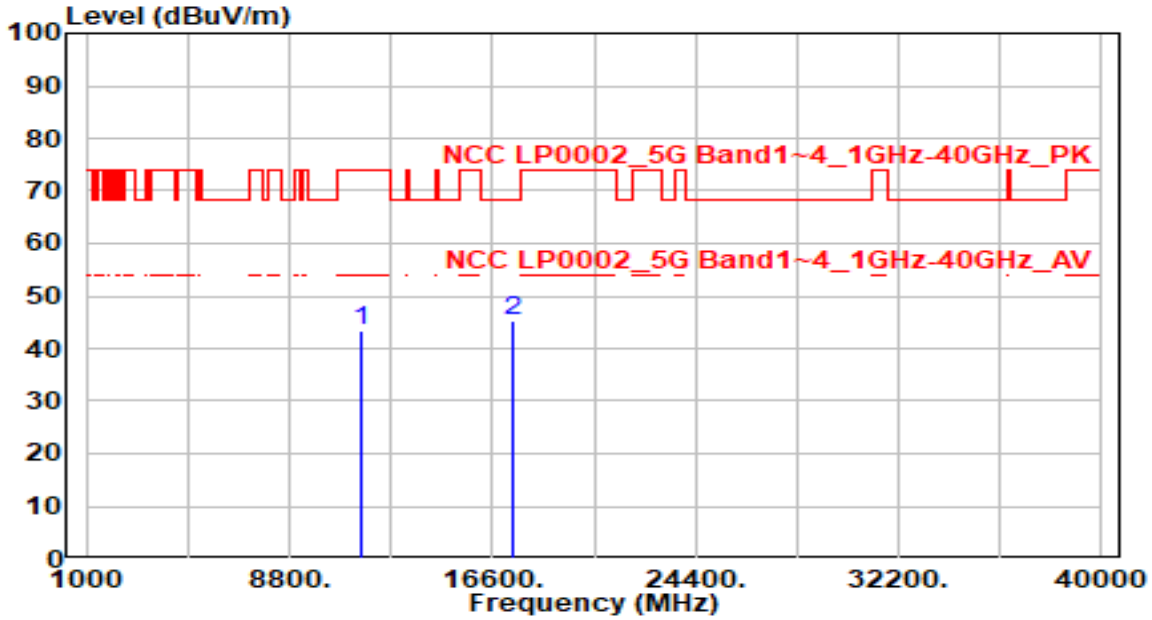


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	39.05	4.81	43.86	-30.14	74.00	100	360	Peak
2	*	17355.000	40.12	4.81	44.93	-23.27	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH157_ANT 0+1	Test Voltage	By Notebook PC

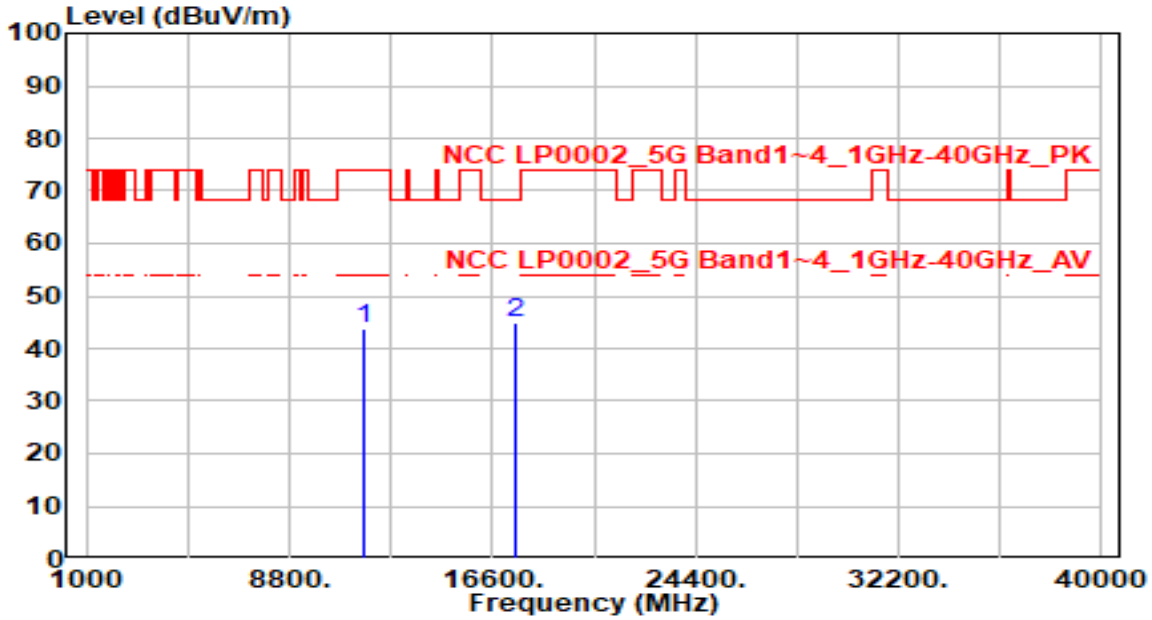


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	38.64	4.81	43.45	-30.55	74.00	100	0	Peak
2	*	17355.000	40.64	4.81	45.46	-22.74	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH165_ANT 0+1	Test Voltage	By Notebook PC

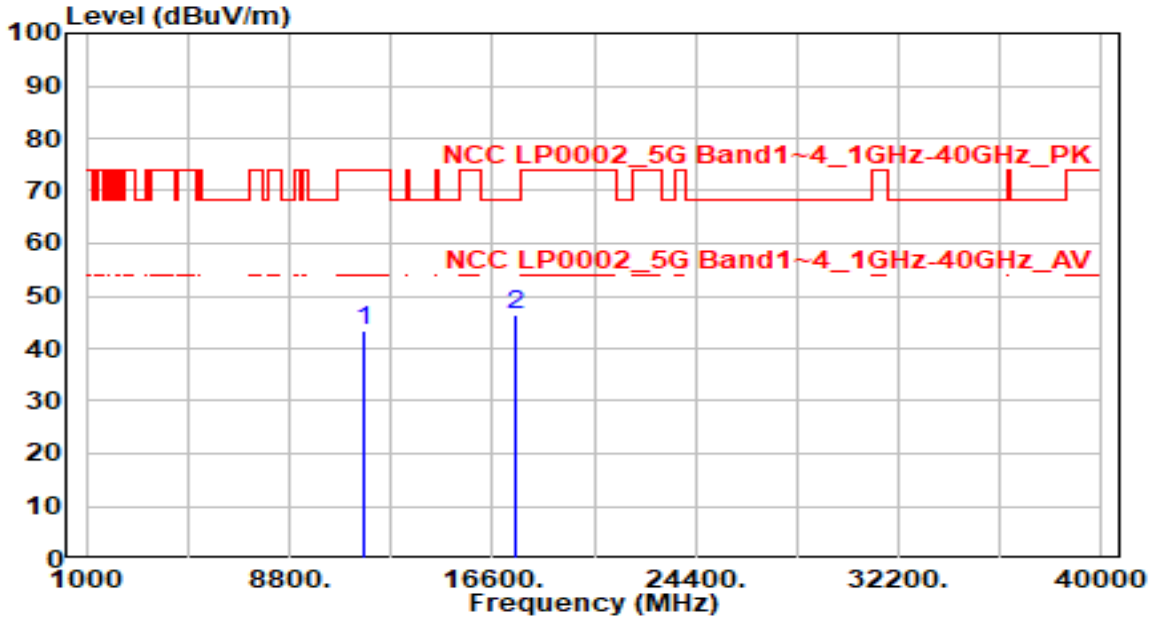


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	38.95	4.80	43.75	-30.25	74.00	100	360	Peak
2	*	17475.000	40.22	4.80	45.02	-23.18	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH165_ANT 0+1	Test Voltage	By Notebook PC

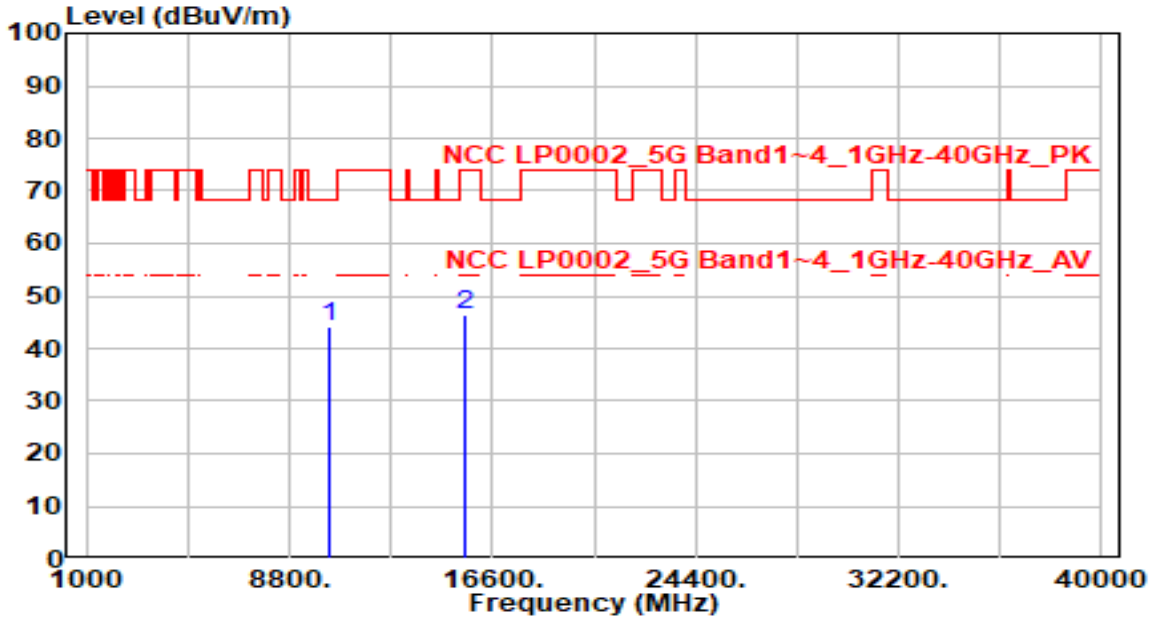


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	38.64	4.80	43.44	-30.56	74.00	100	0	Peak
2	*	17475.000	41.71	4.80	46.51	-21.69	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH38_ANT 0+1	Test Voltage	By Notebook PC

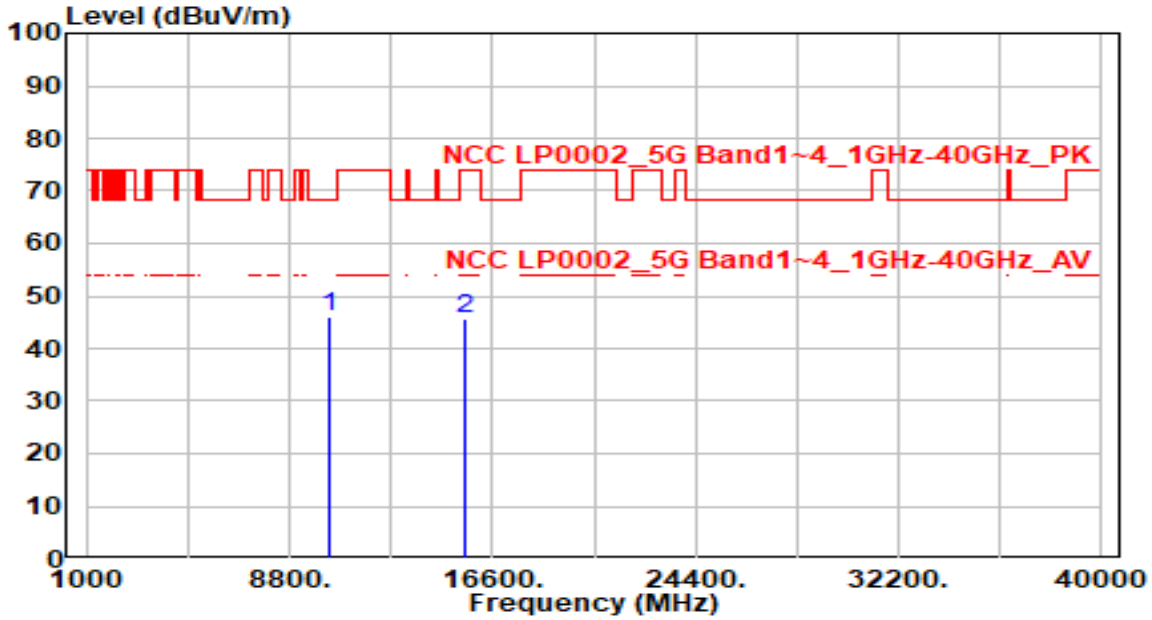


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	39.84	4.32	44.16	-24.04	68.20	100	360	Peak
2		15570.000	40.46	5.88	46.33	-27.67	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH38_ANT 0+1	Test Voltage	By Notebook PC

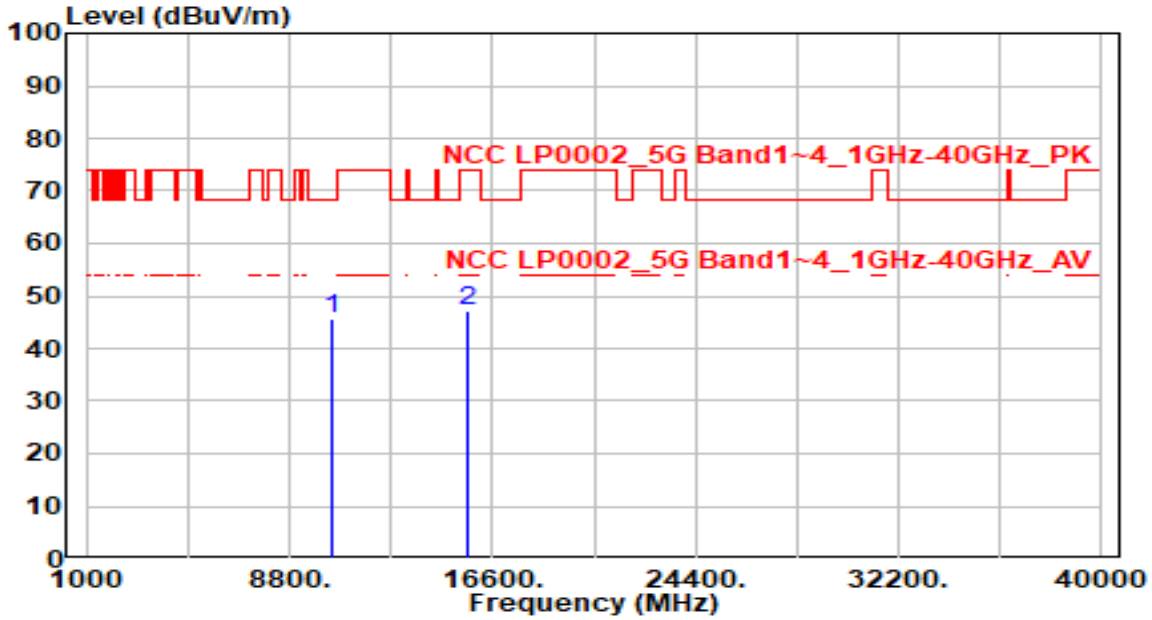


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	41.79	4.32	46.11	-22.09	68.20	100	0	Peak
2		15570.000	39.83	5.88	45.71	-28.29	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH46_ANT 0+1	Test Voltage	By Notebook PC

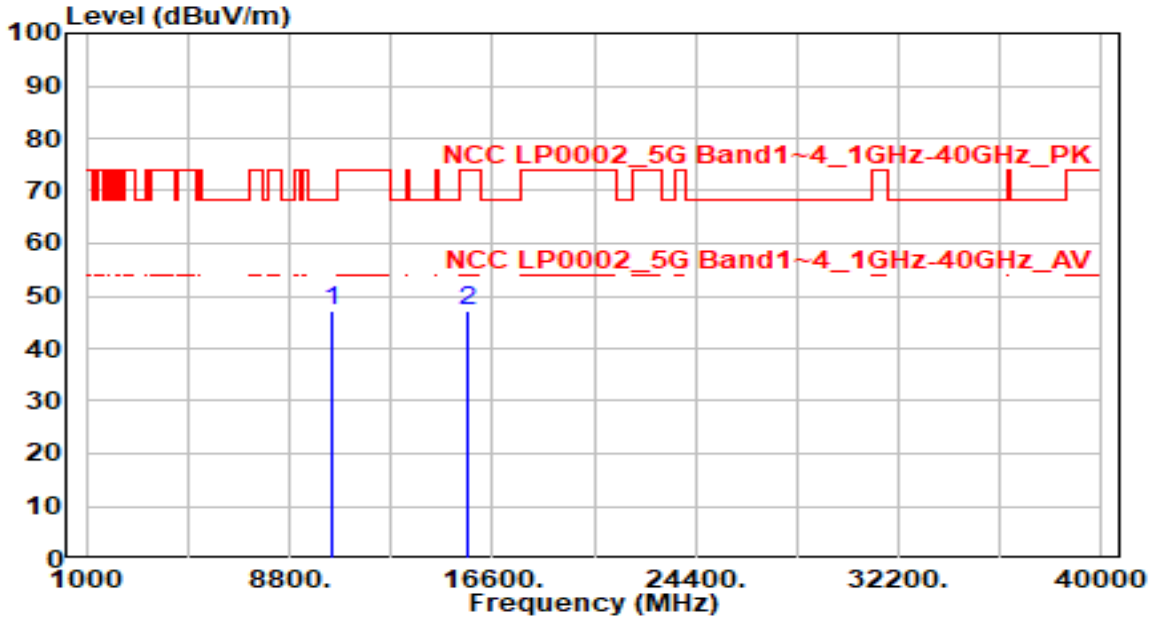


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10460.000	41.18	4.32	45.51	-22.69	68.20	100	360	Peak
2		15690.000	41.36	6.00	47.35	-26.65	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH46_ANT 0+1	Test Voltage	By Notebook PC

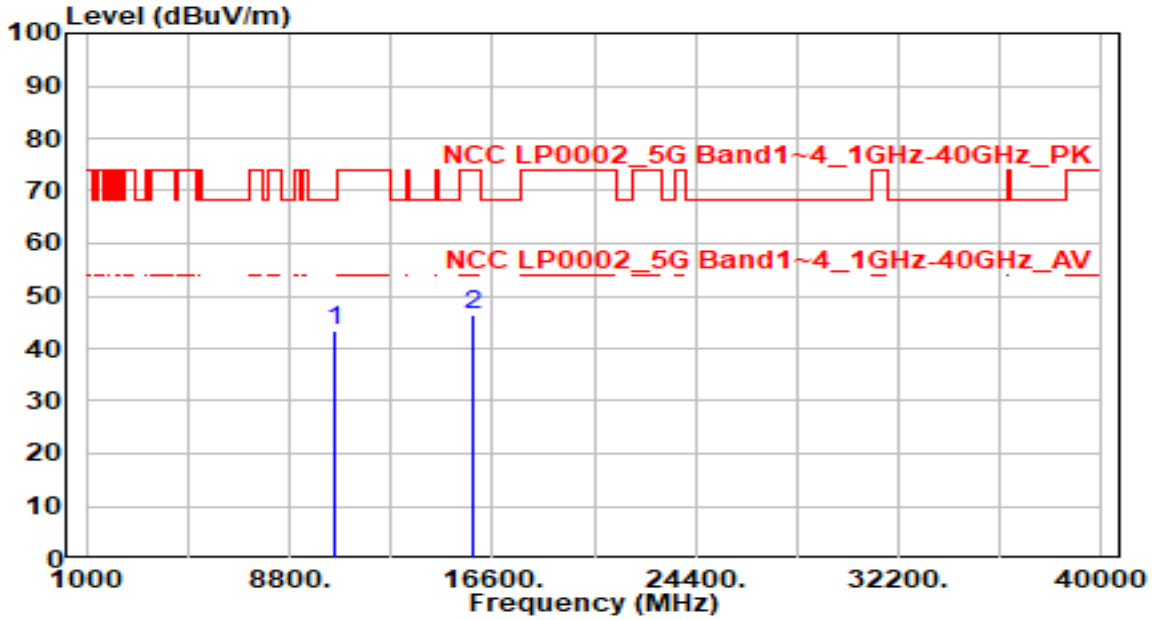


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10460.000	42.76	4.32	47.08	-21.12	68.20	100	0	Peak
2		15690.000	41.33	6.00	47.32	-26.68	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band2_CH54_ANT 0+1	Test Voltage	By Notebook PC

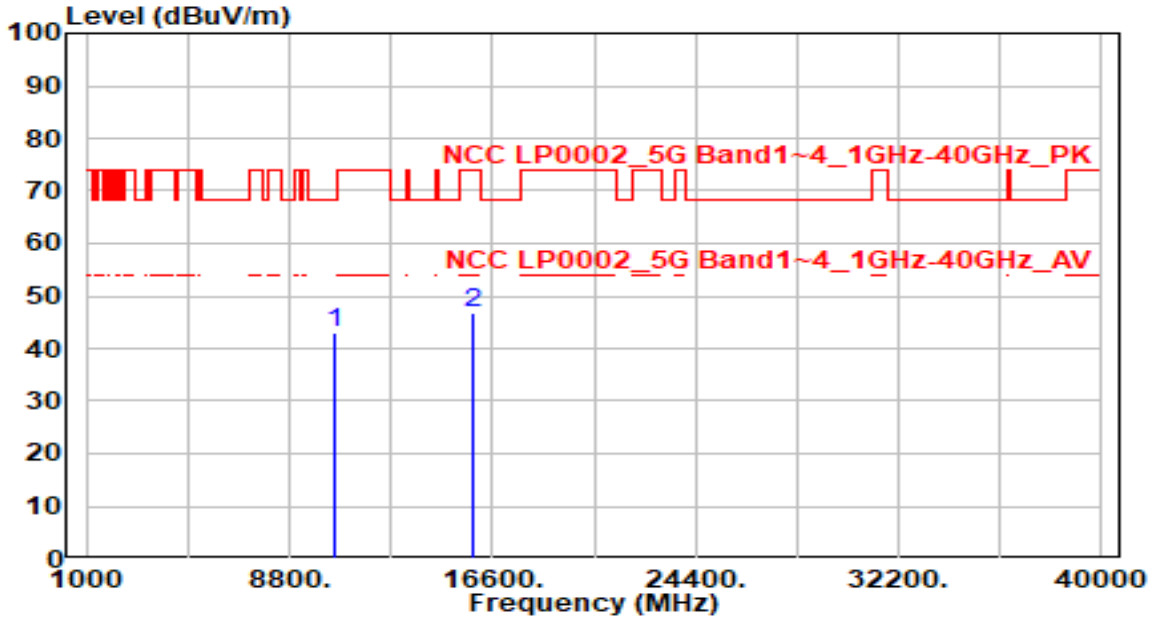


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10540.000	39.05	4.34	43.38	-24.82	68.20	100	360	Peak
2		15810.000	40.31	6.14	46.45	-27.55	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band2_CH54_ANT 0+1	Test Voltage	By Notebook PC

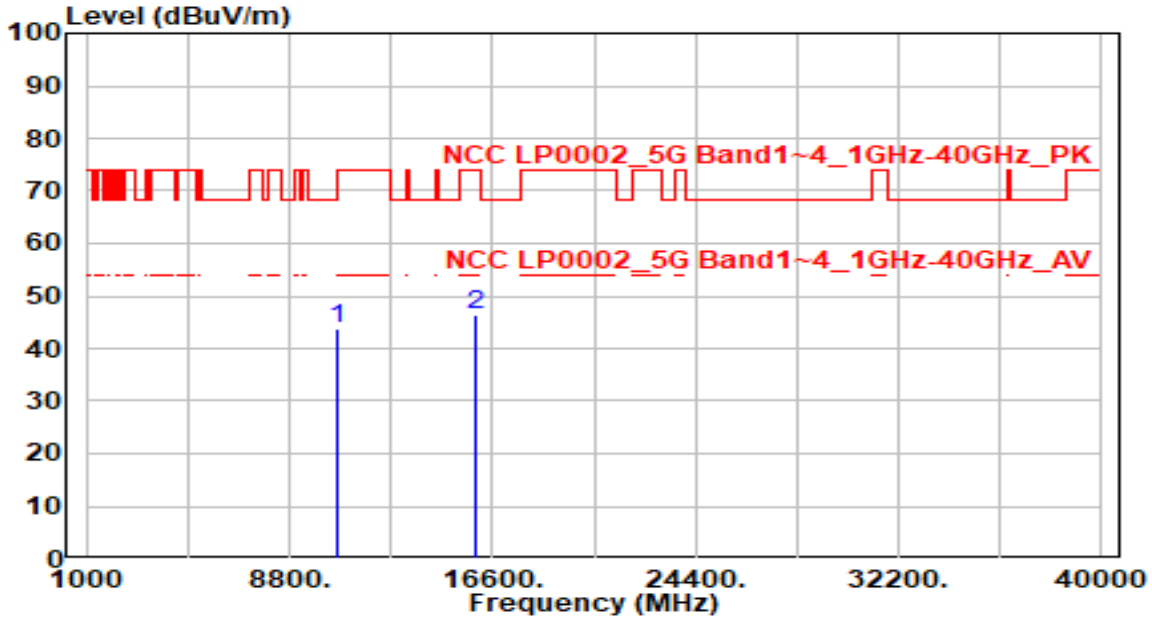


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10540.000	38.77	4.34	43.11	-25.09	68.20	100	0	Peak
2		15810.000	40.76	6.14	46.90	-27.10	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band2_CH62_ANT 0+1	Test Voltage	By Notebook PC

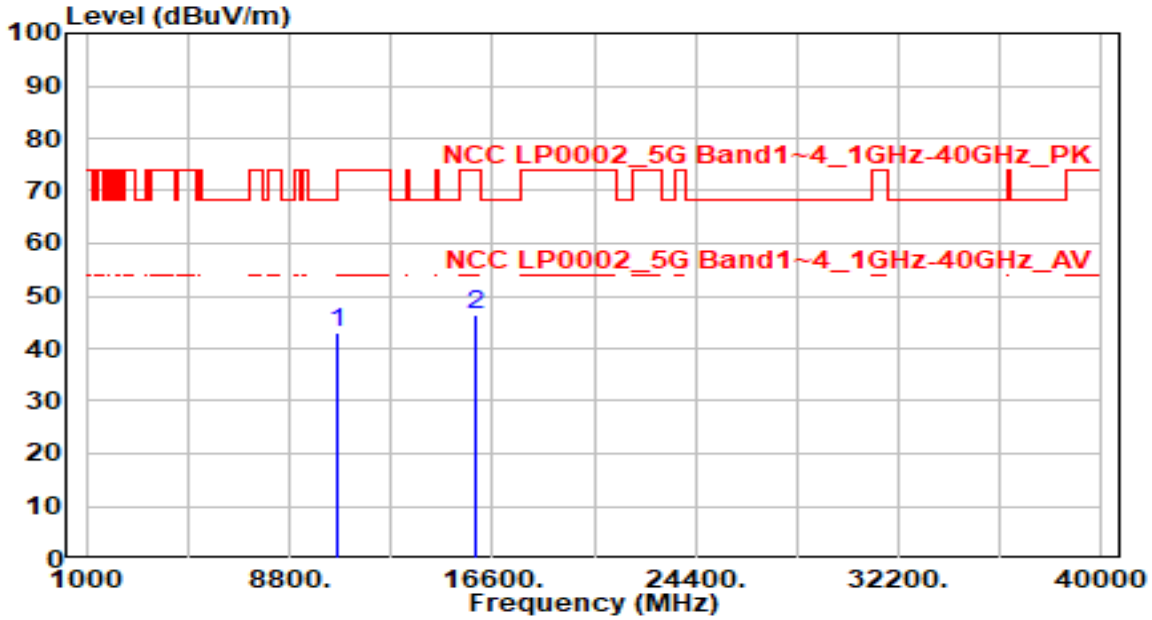


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10620.000	39.32	4.35	43.66	-30.34	74.00	100	360	Peak
2	*	15930.000	40.22	6.35	46.57	-27.43	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band2_CH62_ANT 0+1	Test Voltage	By Notebook PC

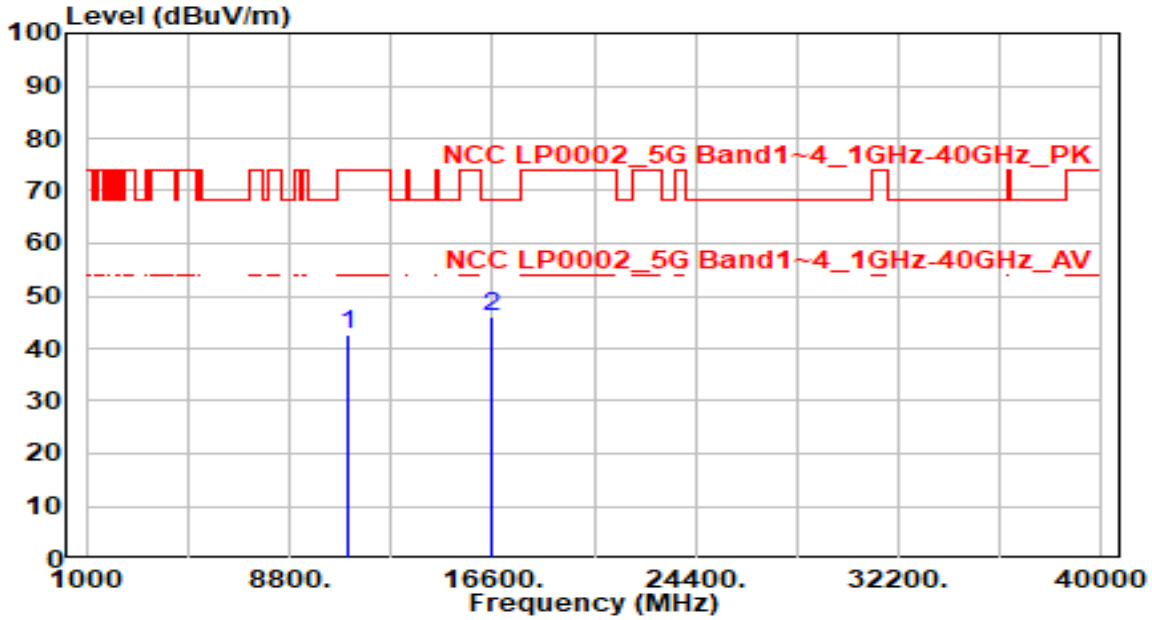


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10620.000	38.69	4.35	43.03	-30.97	74.00	100	0	Peak
2	*	15930.000	40.16	6.35	46.50	-27.50	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH102_ANT 0+1	Test Voltage	By Notebook PC

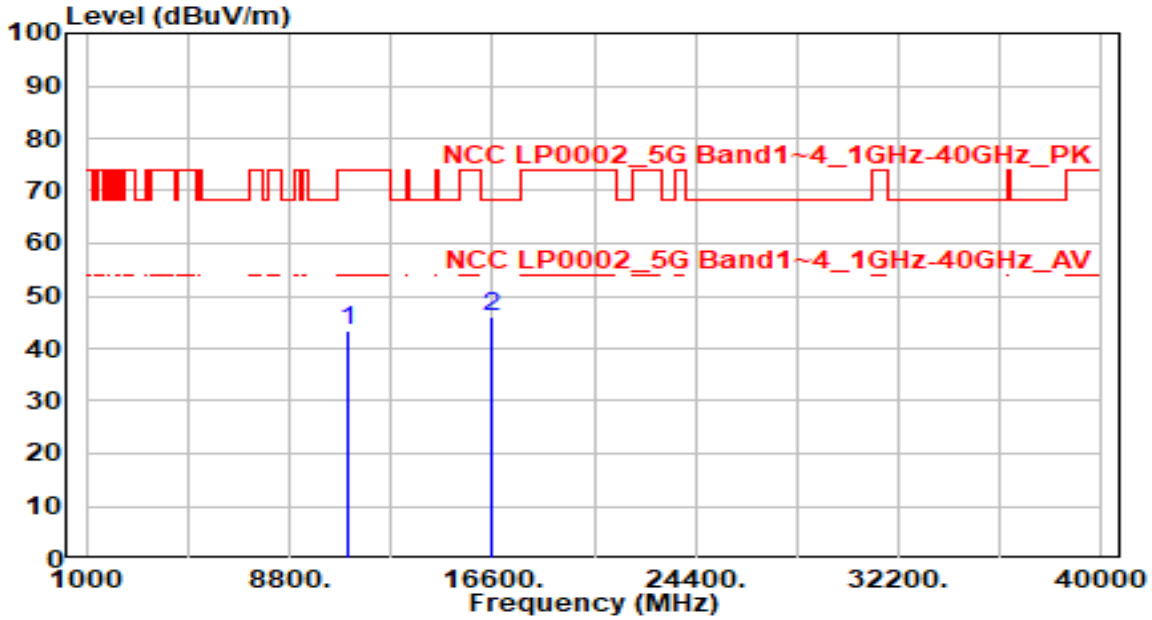


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11020.000	38.32	4.43	42.76	-31.24	74.00	100	360	Peak
2	*	16530.000	40.02	5.95	45.97	-22.23	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH102_ANT 0+1	Test Voltage	By Notebook PC

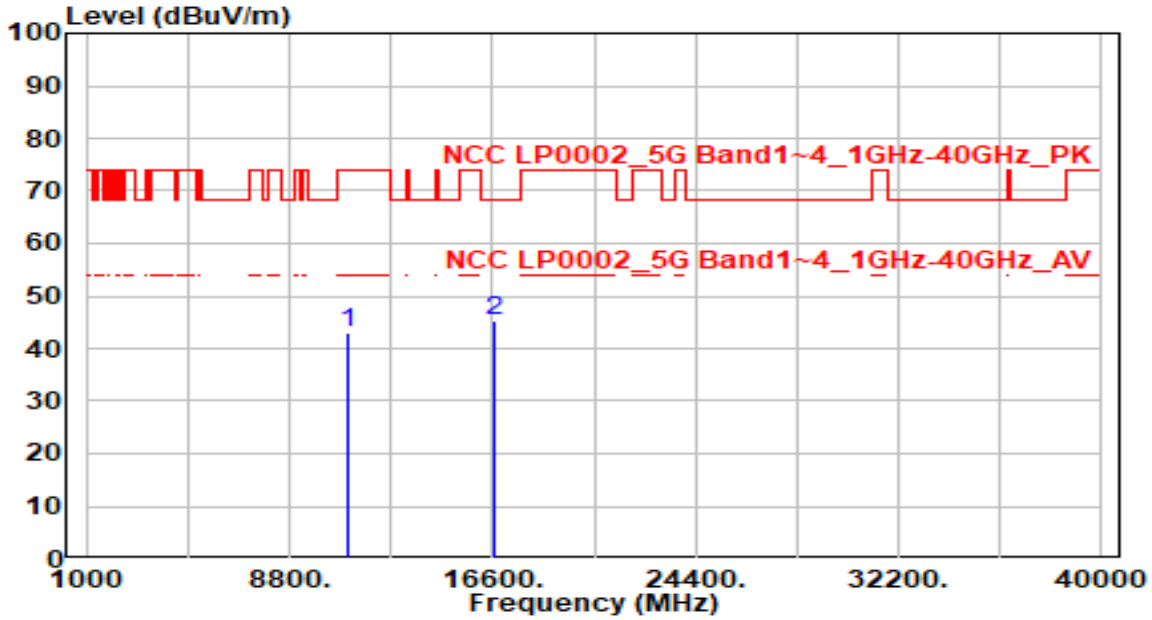


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11020.000	38.91	4.43	43.35	-30.65	74.00	100	0	Peak
2	*	16530.000	40.17	5.95	46.12	-22.08	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH110_ANT 0+1	Test Voltage	By Notebook PC

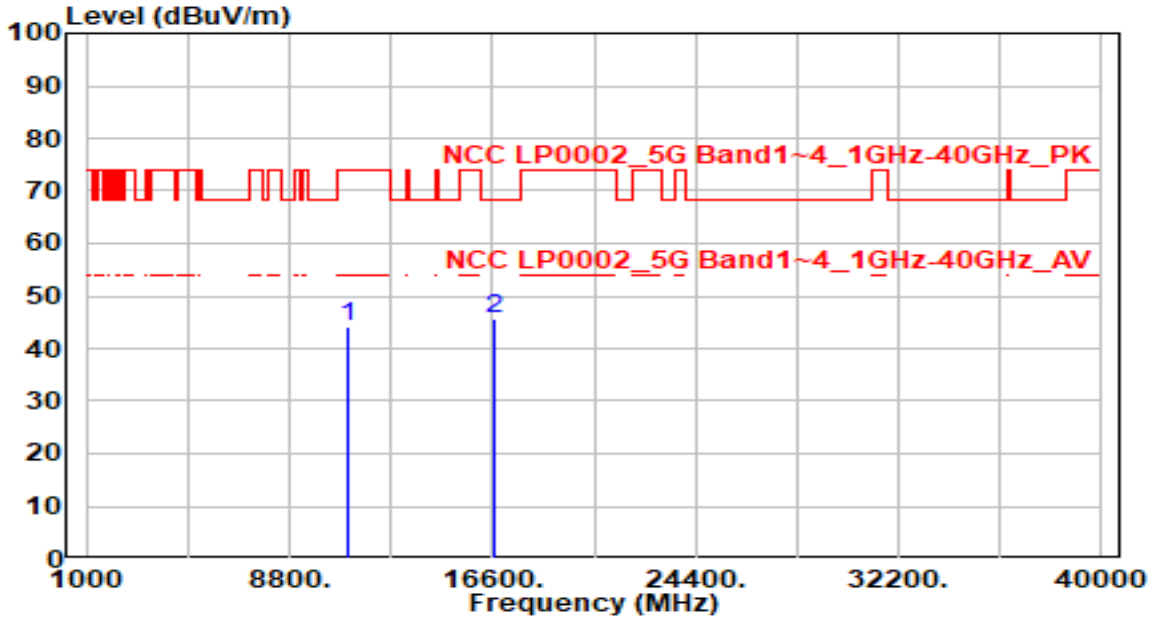


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11100.000	38.27	4.56	42.84	-31.16	74.00	100	360	Peak
2	*	16650.000	39.43	5.87	45.31	-22.89	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH110_ANT 0+1	Test Voltage	By Notebook PC

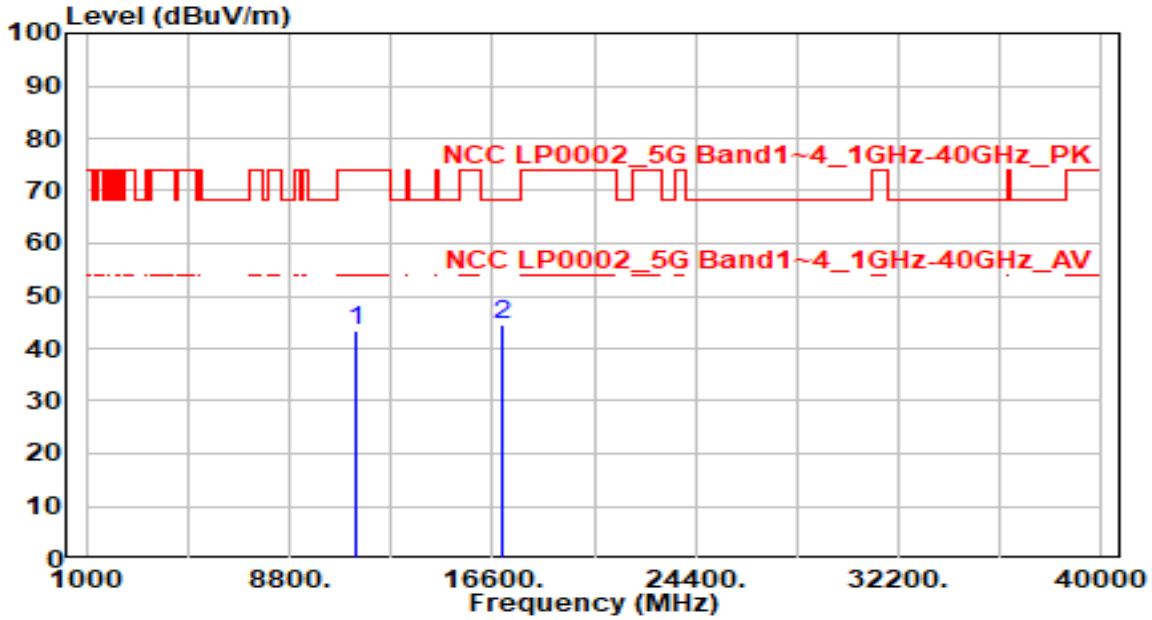


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11100.000	39.75	4.56	44.32	-29.68	74.00	100	0	Peak
2	*	16650.000	39.68	5.87	45.56	-22.64	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH134_ANT 0+1	Test Voltage	By Notebook PC



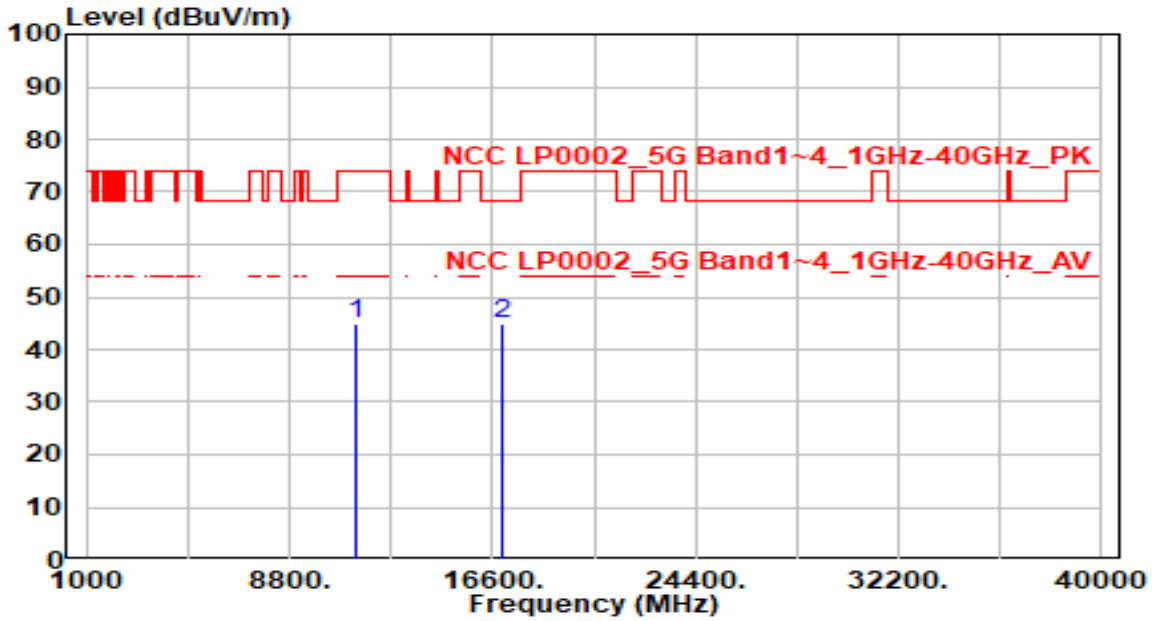
No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11340.000	38.70	4.81	43.51	-30.49	74.00	100	360	Peak
2	*	17010.000	39.28	5.36	44.64	-23.56	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

T

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH134_ANT 0+1	Test Voltage	By Notebook PC

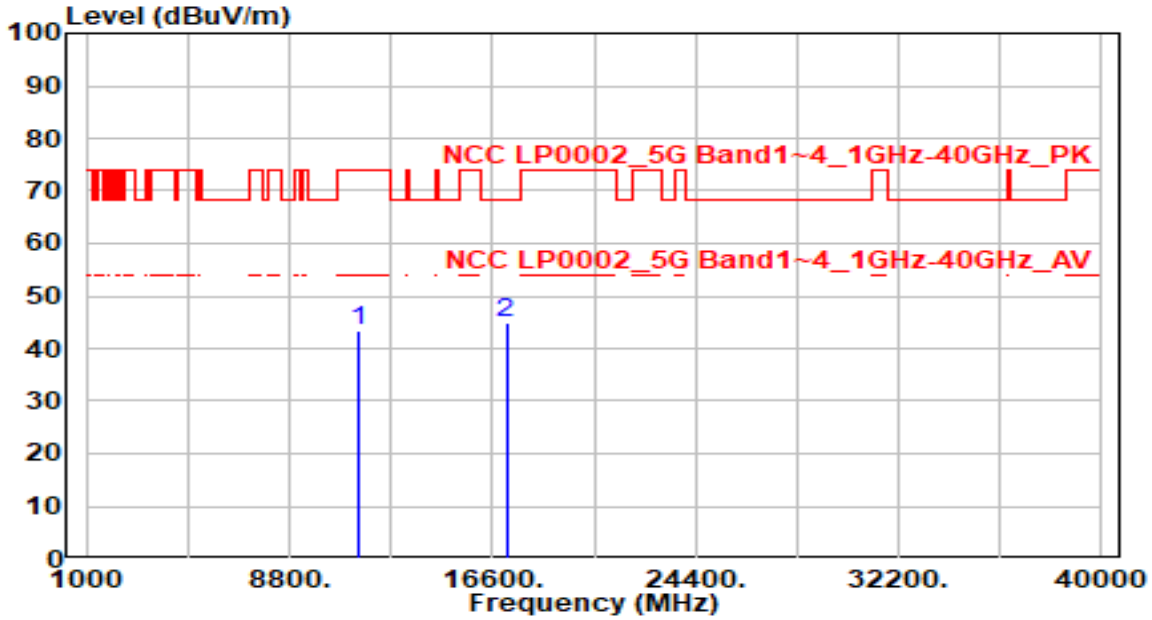


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11340.000	40.09	4.81	44.90	-29.10	74.00	100	0	Peak
2	*	17010.000	39.72	5.36	45.09	-23.11	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH142_ANT 0+1	Test Voltage	By Notebook PC

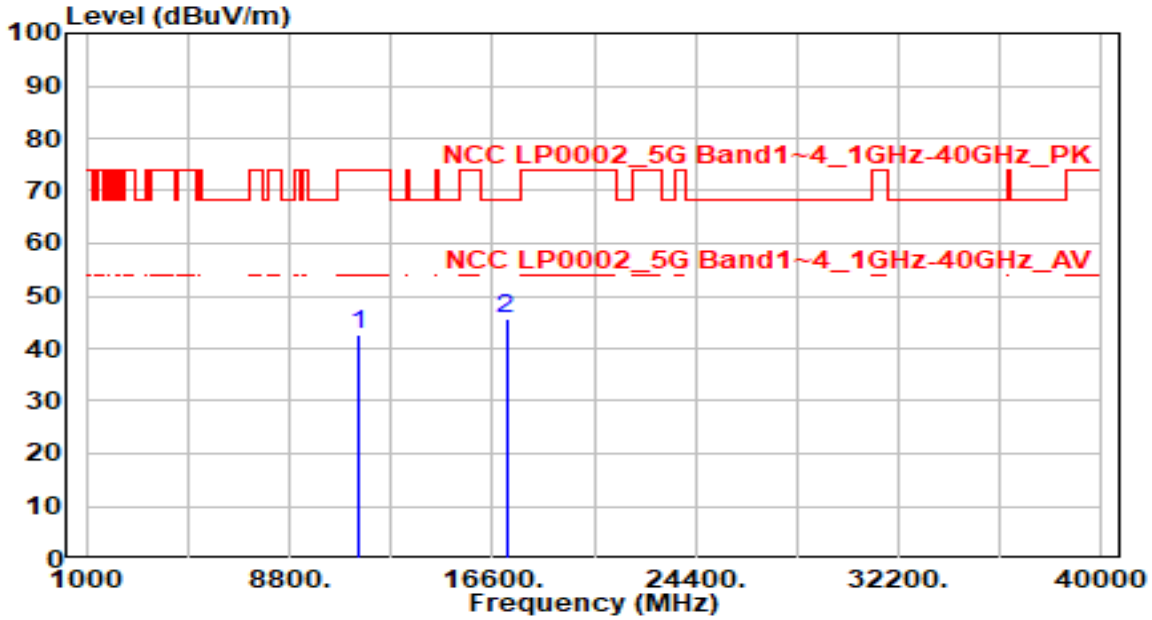


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11420.000	38.60	4.85	43.45	-30.55	74.00	100	360	Peak
2	*	17130.000	39.70	5.10	44.79	-23.41	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH142_ANT 0+1	Test Voltage	By Notebook PC

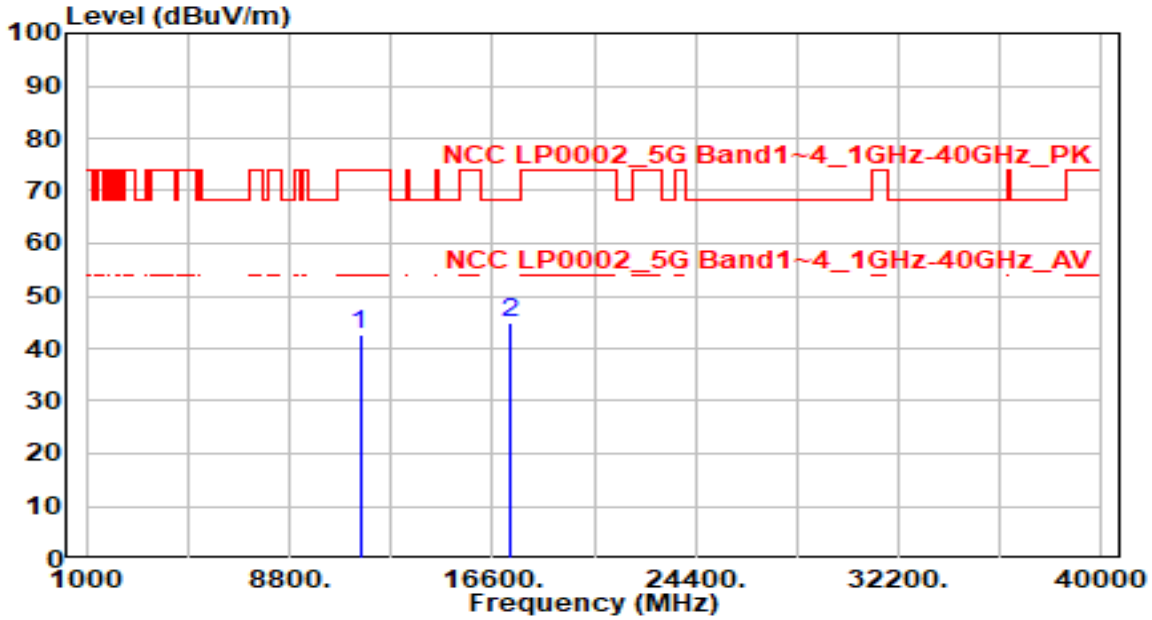


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11420.000	37.85	4.85	42.70	-31.30	74.00	100	0	Peak
2	*	17130.000	40.66	5.10	45.76	-22.44	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH151_ANT 0+1	Test Voltage	By Notebook PC

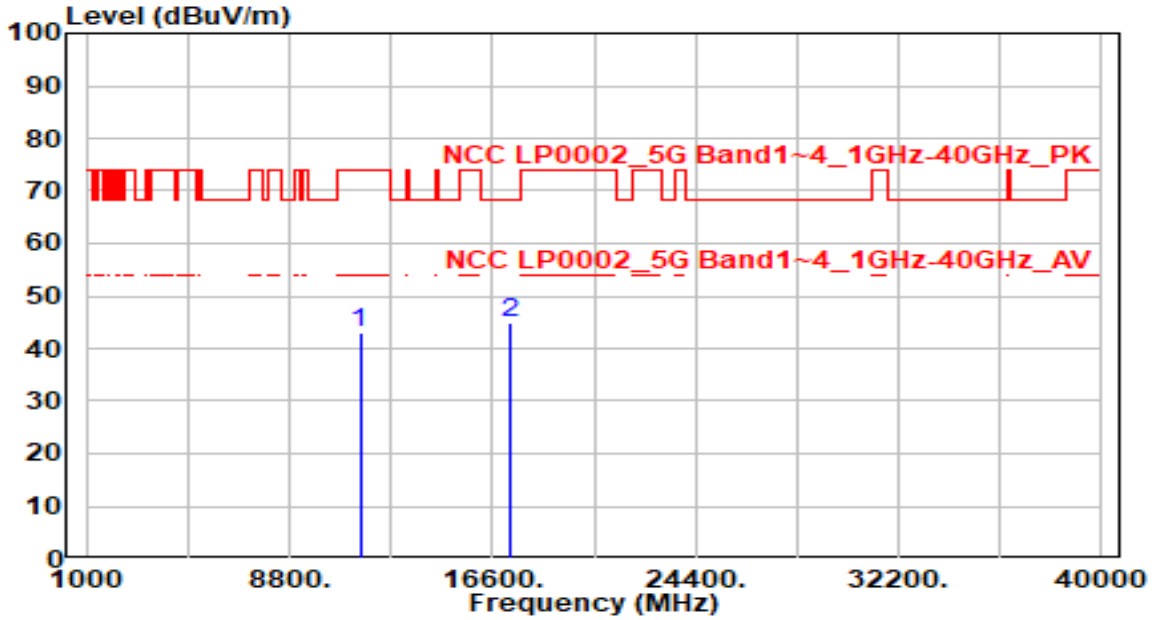


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	37.67	4.82	42.49	-31.51	74.00	100	360	Peak
2	*	17265.000	40.16	4.88	45.04	-23.16	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH151_ANT 0+1	Test Voltage	By Notebook PC

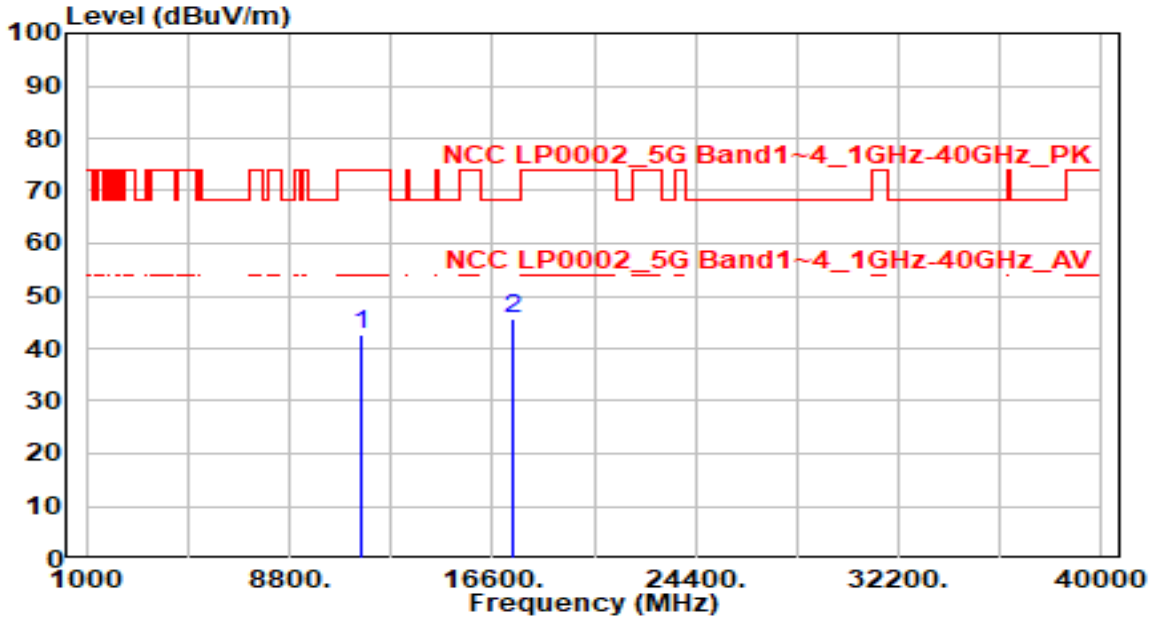


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	38.29	4.82	43.11	-30.89	74.00	100	0	Peak
2	*	17265.000	40.04	4.88	44.93	-23.27	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH159_ANT 0+1	Test Voltage	By Notebook PC

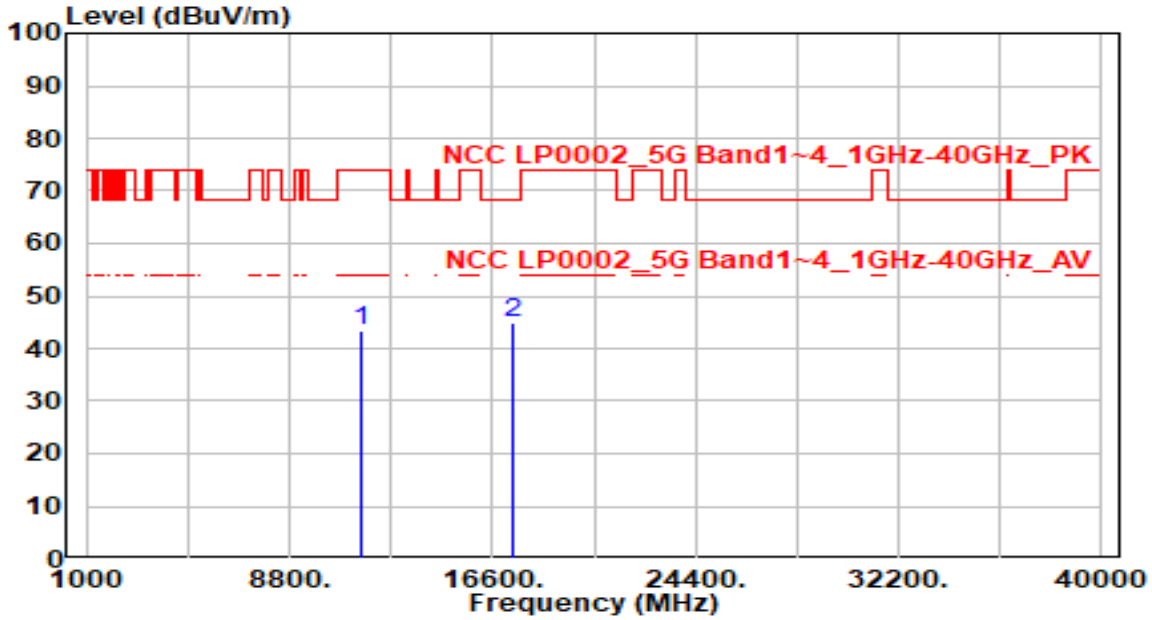


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	37.90	4.81	42.71	-31.29	74.00	100	360	Peak
2	*	17385.000	40.73	4.79	45.52	-22.68	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH159_ANT 0+1	Test Voltage	By Notebook PC

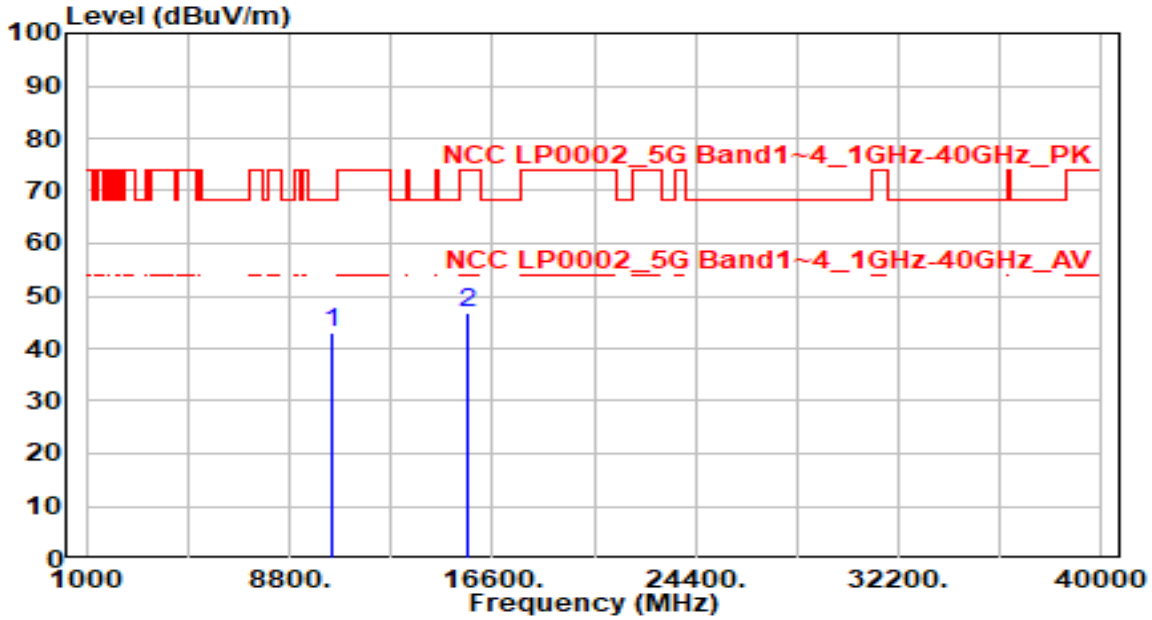


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	38.46	4.81	43.27	-30.73	74.00	100	0	Peak
2	*	17385.000	40.07	4.79	44.86	-23.34	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH42_ANT 0+1	Test Voltage	By Notebook PC

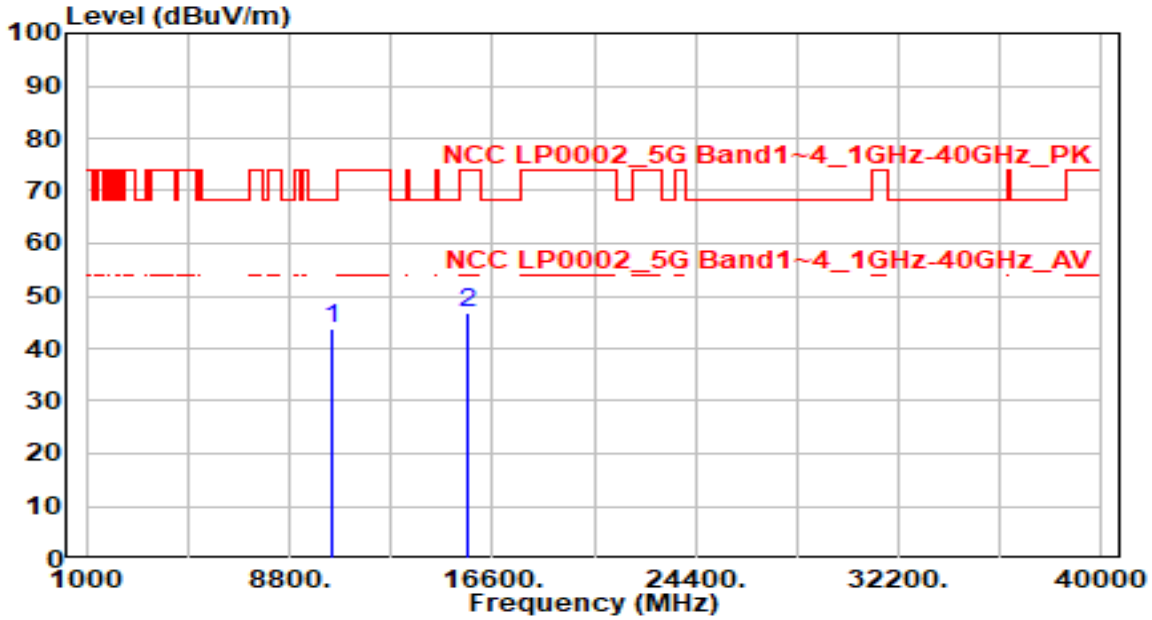


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	38.75	4.32	43.06	-25.14	68.20	100	360	Peak
2		15630.000	40.94	5.93	46.87	-27.13	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH42_ANT 0+1	Test Voltage	By Notebook PC

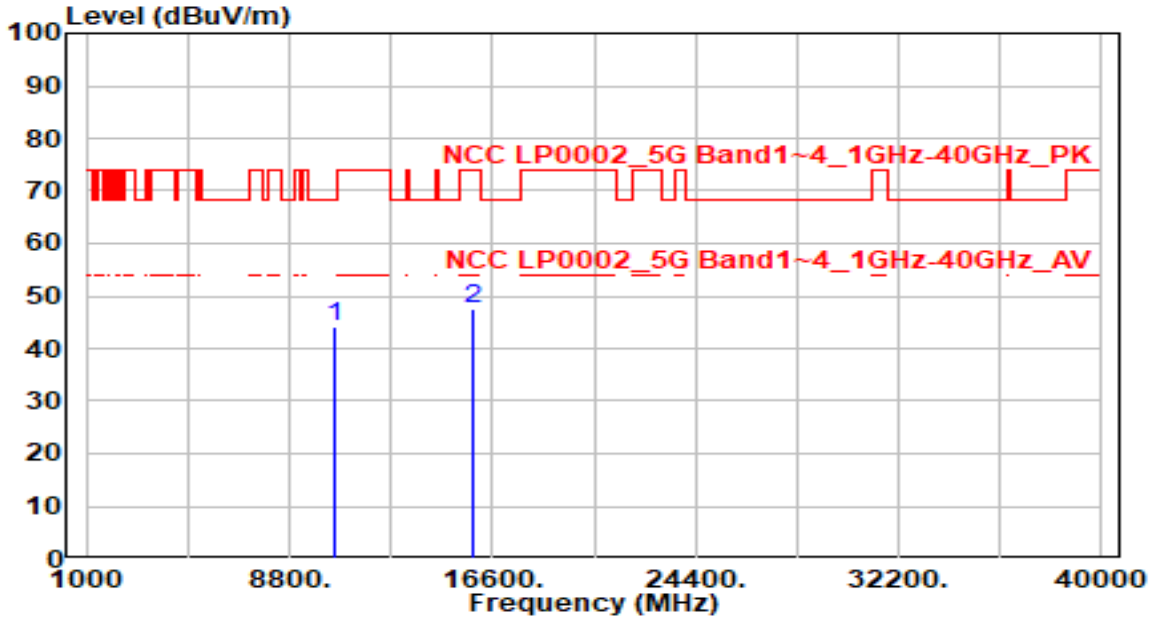


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	39.46	4.32	43.78	-24.42	68.20	100	0	Peak
2		15630.000	40.79	5.93	46.72	-27.28	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band2_CH58_ANT 0+1	Test Voltage	By Notebook PC

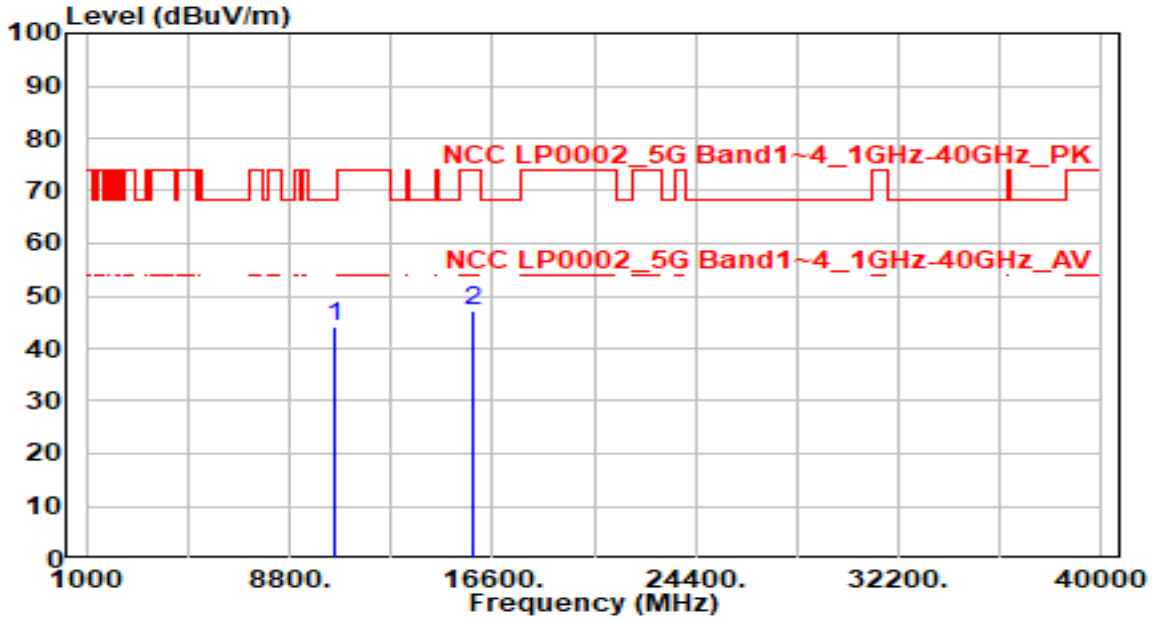


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10580.000	39.71	4.35	44.06	-24.14	68.20	100	360	Peak
2		15870.000	41.27	6.25	47.52	-26.48	74.00	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band2_CH58_ANT 0+1	Test Voltage	By Notebook PC

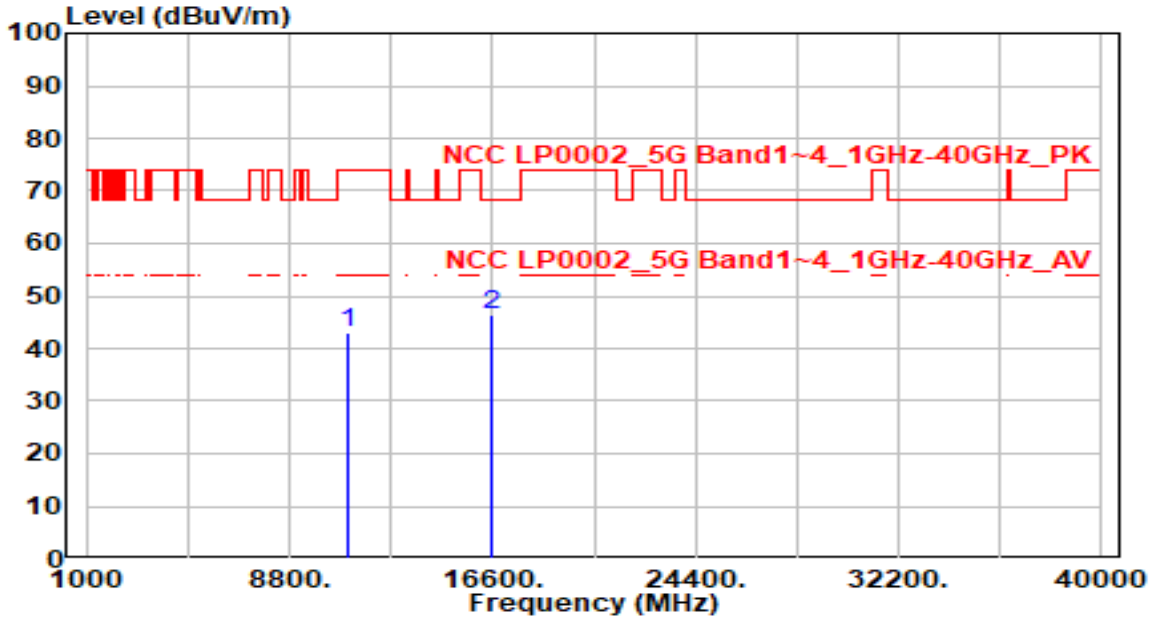


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10580.000	39.62	4.35	43.96	-24.24	68.20	100	0	Peak
2		15870.000	41.05	6.25	47.29	-26.71	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH106_ANT 0+1	Test Voltage	By Notebook PC

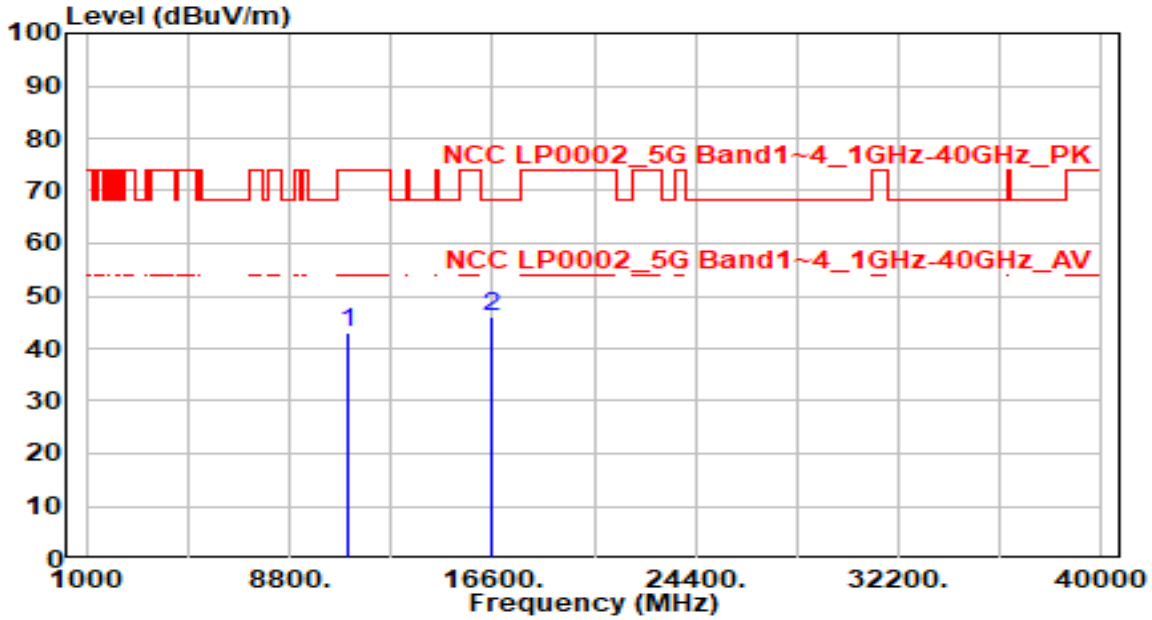


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11060.000	38.36	4.50	42.86	-31.14	74.00	100	360	Peak
2	*	16590.000	40.63	5.90	46.53	-21.67	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH106_ANT 0+1	Test Voltage	By Notebook PC

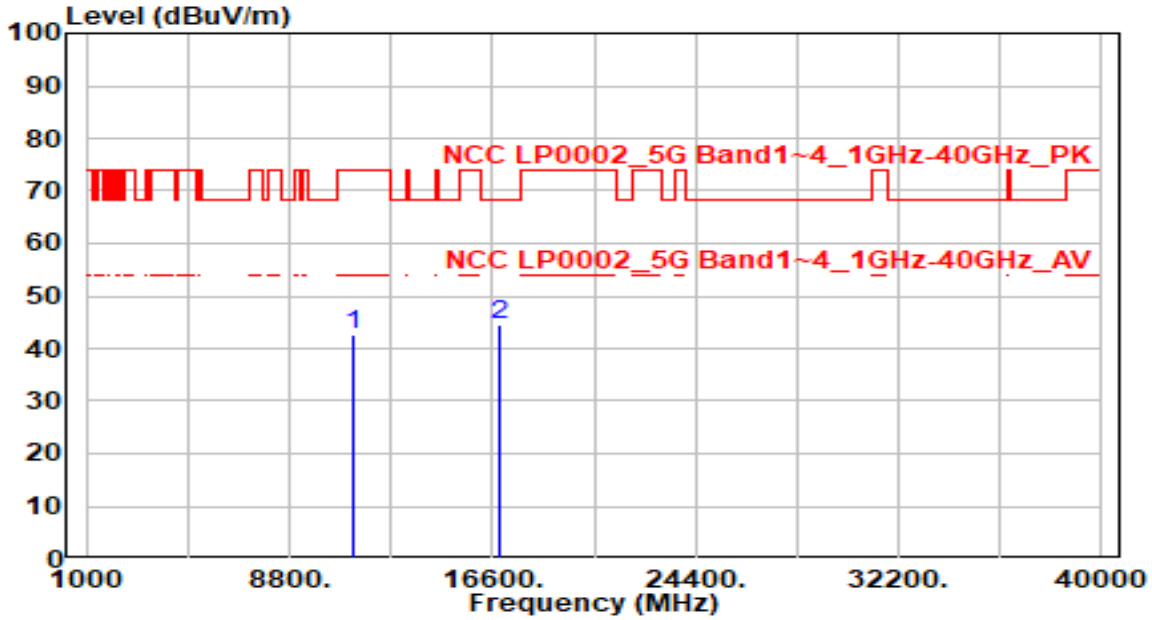


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11060.000	38.57	4.50	43.07	-30.93	74.00	100	0	Peak
2	*	16590.000	39.95	5.90	45.85	-22.35	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH122_ANT 0+1	Test Voltage	By Notebook PC

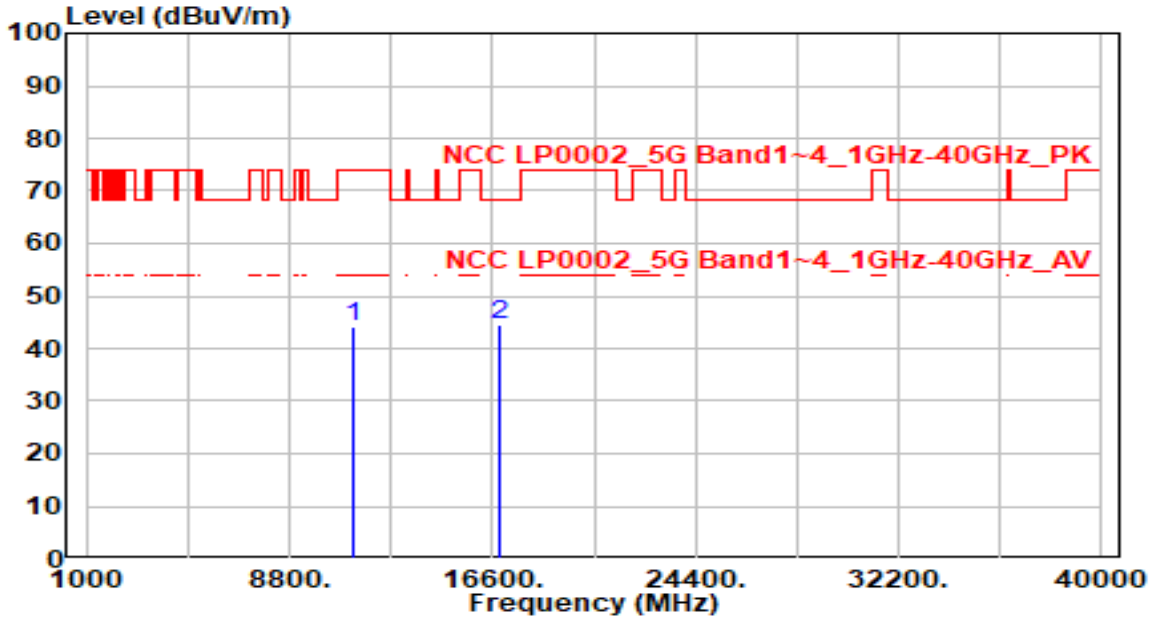


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11220.000	37.83	4.74	42.57	-31.43	74.00	100	360	Peak
2	*	16830.000	38.97	5.72	44.70	-23.50	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH122_ANT 0+1	Test Voltage	By Notebook PC

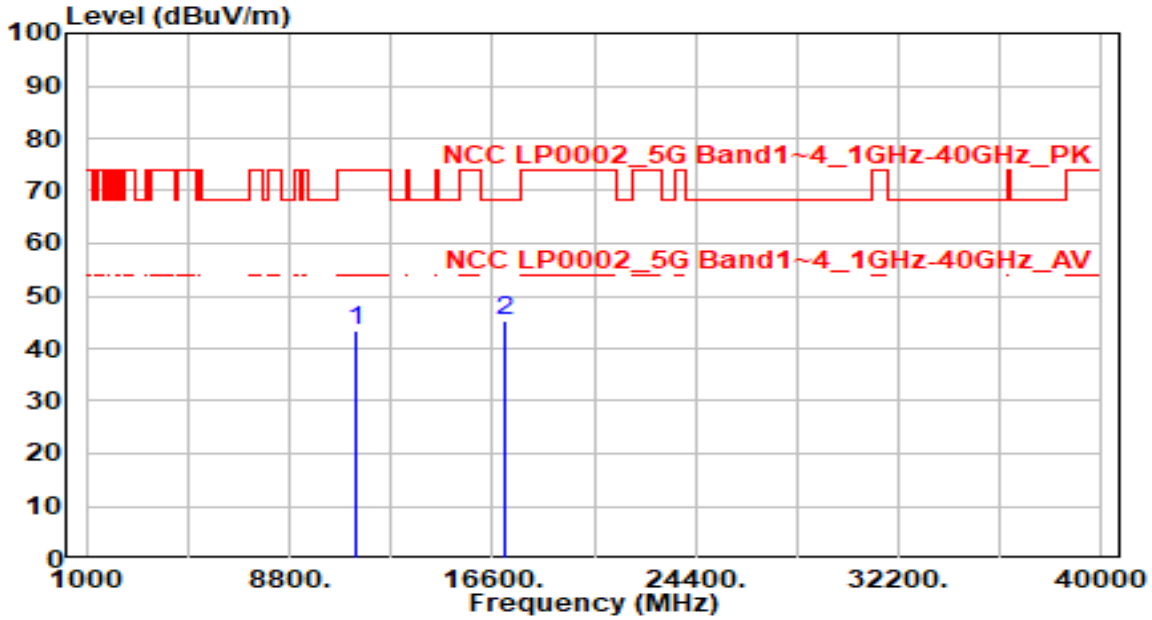


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11220.000	39.56	4.74	44.30	-29.70	74.00	100	0	Peak
2	*	16830.000	38.94	5.72	44.66	-23.54	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH138_ANT 0+1	Test Voltage	By Notebook PC

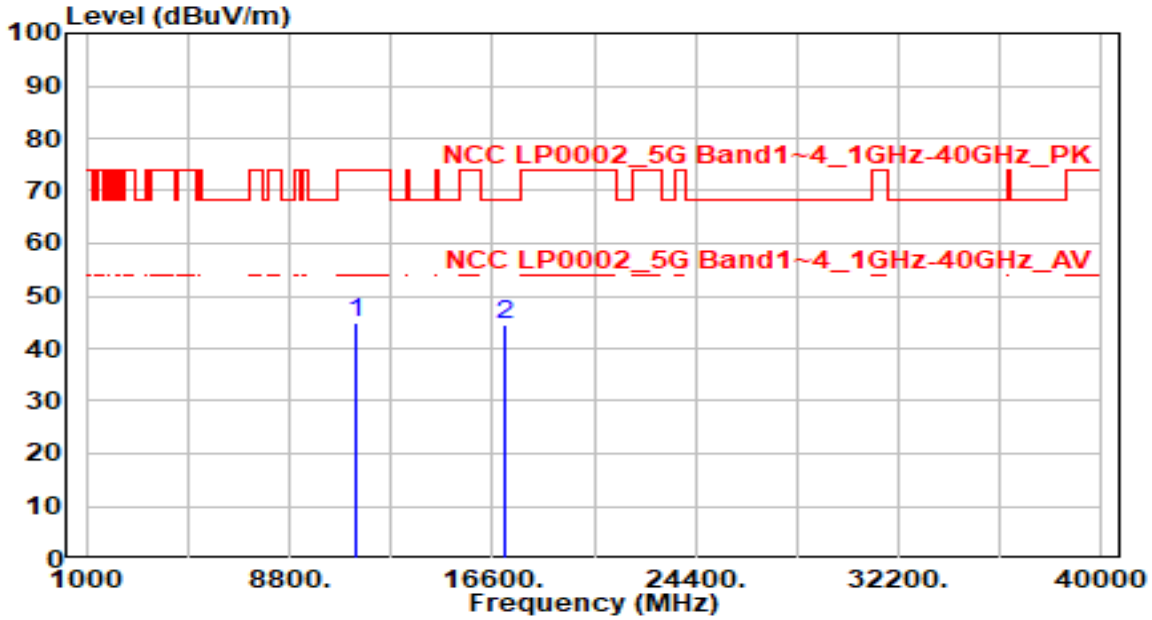


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11380.000	38.71	4.84	43.55	-30.45	74.00	100	360	Peak
2	*	17070.000	40.08	5.23	45.32	-22.88	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH138_ANT 0+1	Test Voltage	By Notebook PC

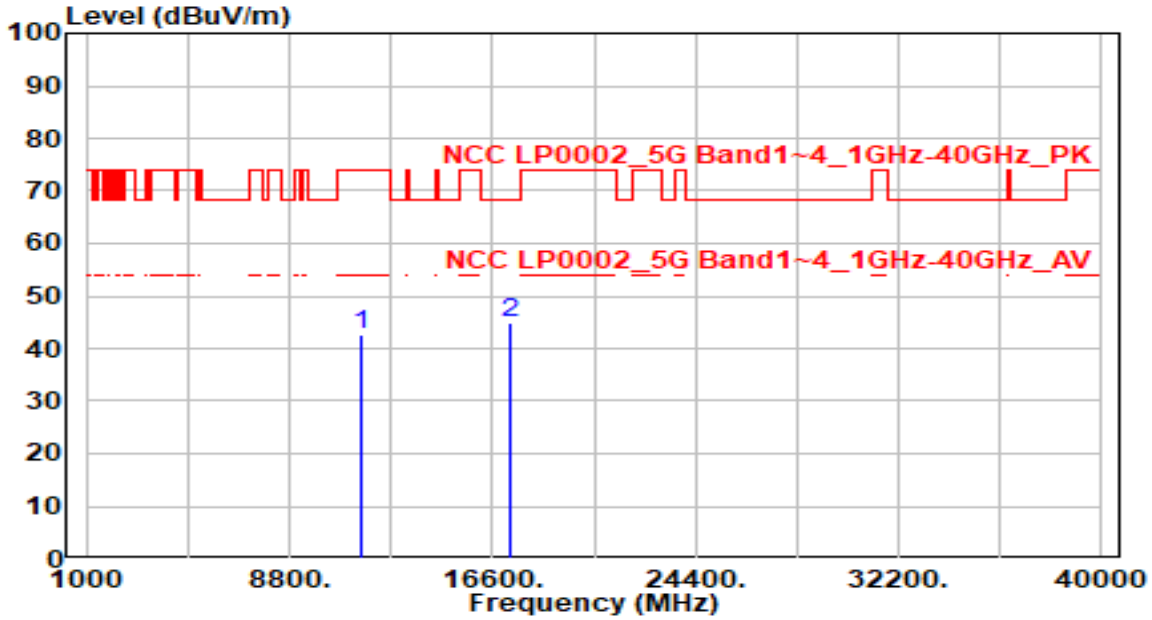


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11380.000	39.90	4.84	44.74	-29.26	74.00	100	0	Peak
2	*	17070.000	39.46	5.23	44.69	-23.51	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band4_CH155_ANT 0+1	Test Voltage	By Notebook PC

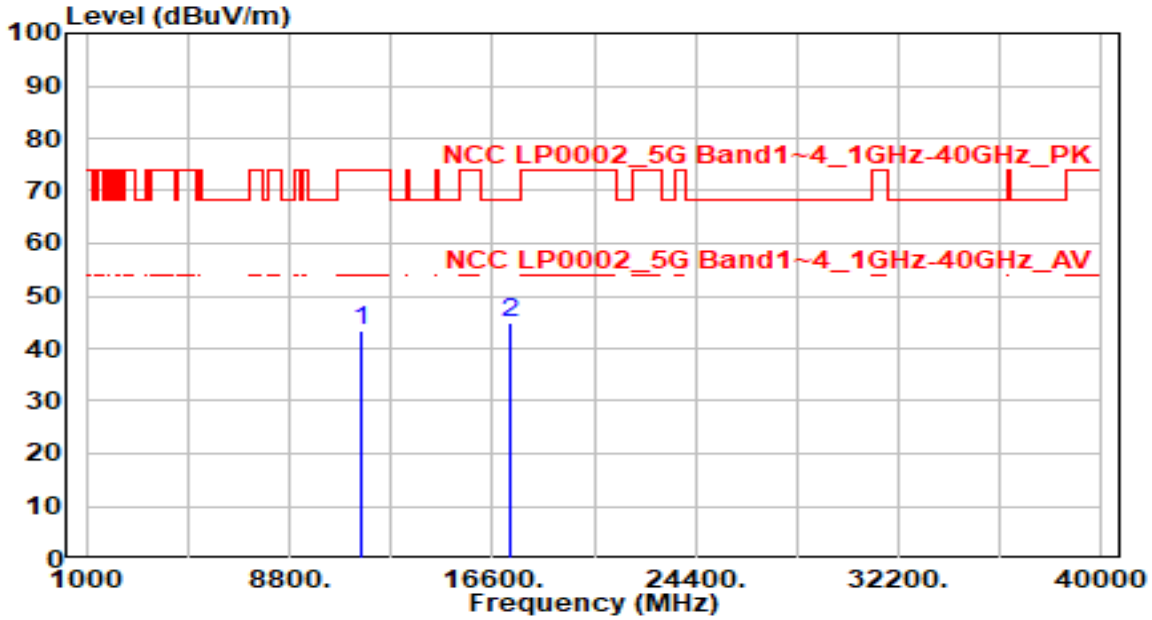


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	37.64	4.82	42.46	-31.54	74.00	100	360	Peak
2	*	17325.000	40.12	4.83	44.95	-23.25	68.20	100	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band4_CH155_ANT 0+1	Test Voltage	By Notebook PC

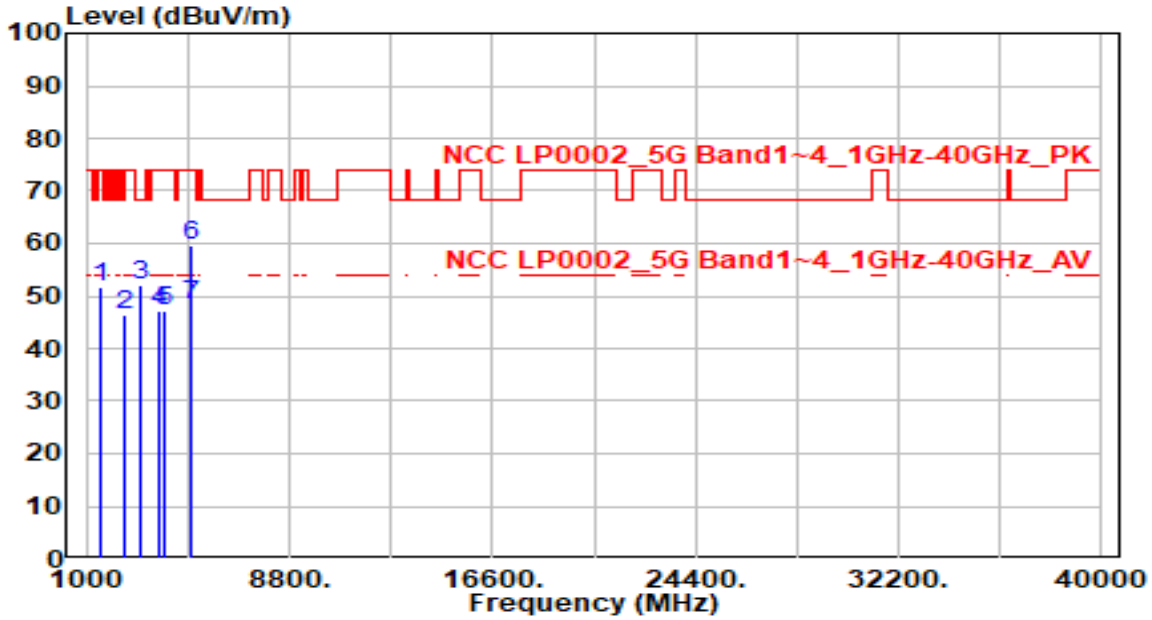


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	38.56	4.82	43.37	-30.63	74.00	100	0	Peak
2	*	17325.000	40.06	4.83	44.90	-23.30	68.20	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_RX_Band1_CH44_ANT 0+1	Test Voltage	By Notebook PC

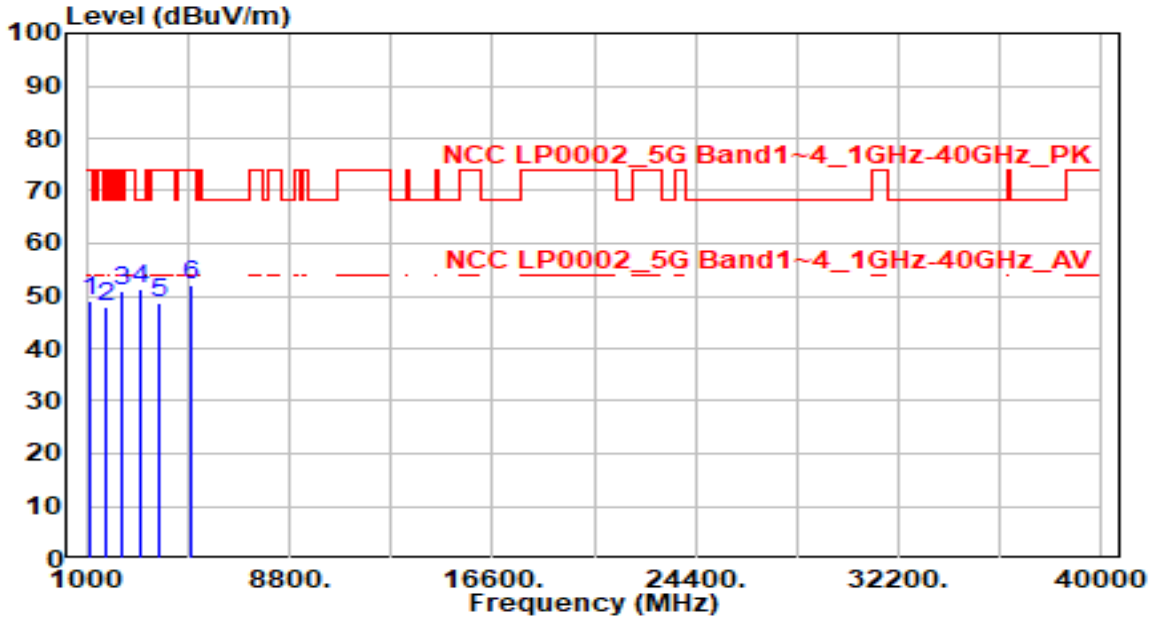


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		1529.987	59.75	-7.95	51.81	-22.19	74.00	100	360	Peak
2		2496.688	51.93	-5.54	46.39	-27.61	74.00	100	360	Peak
3		3123.222	56.31	-4.12	52.18	-16.02	68.20	100	360	Peak
4		3777.456	49.49	-2.22	47.27	-26.73	74.00	100	360	Peak
5		3973.526	49.01	-1.93	47.08	-26.92	74.00	100	360	Peak
6	*	4991.500	59.56	-0.08	59.48	-14.52	74.00	100	360	Peak
7	*	4991.500	48.56	-0.08	48.48	-5.52	54.00	100	360	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_RX_Band1_CH44_ANT 0+1	Test Voltage	By Notebook PC



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		1105.972	57.67	-8.63	49.04	-24.96	74.00	100	0	Peak
2		1766.806	55.56	-7.66	47.90	-26.10	74.00	100	0	Peak
3		2336.317	56.55	-5.73	50.82	-23.18	74.00	100	0	Peak
4	*	3051.424	55.61	-4.14	51.47	-16.73	68.20	100	0	Peak
5		3772.356	50.81	-2.24	48.56	-25.44	74.00	100	0	Peak
6		4999.575	52.04	-0.07	51.98	-22.02	74.00	100	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

5.5 頻帶邊緣

5.5.1 量測方法

待測物置於非導體桌面（落地型產品置於地上），受測物使用交流電源時，將其與任何配件設備之電源線連接至位於旋轉桌的交流電源。受測物使用電池時，測試時應裝置新電池或充電完全的電池。受測物與配件設備之電源線無須束綁，桌面上受測設備的所有電源線由桌子的後緣垂下沿旋轉桌表面接至交流插座。落地型設備的交流電源線可以方便的型態走線。桌面可360度旋轉，接收天線置於距待測物3m距離，高度可在1至4公尺間變動，以量測待測物之最大輻射電場強，接收天線並應於水平及垂直極化方向各量測一次。(待測物擺設方式根據 ANSI C63.10-2013版，待測物放置桌中心，1G以下擺設高度為80cm/1G以上擺設高度為150cm)

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

備註: 若為手持式或穿戴式之裝置，需對其三個正交軸的方位評估測試，並記錄最差的數值。

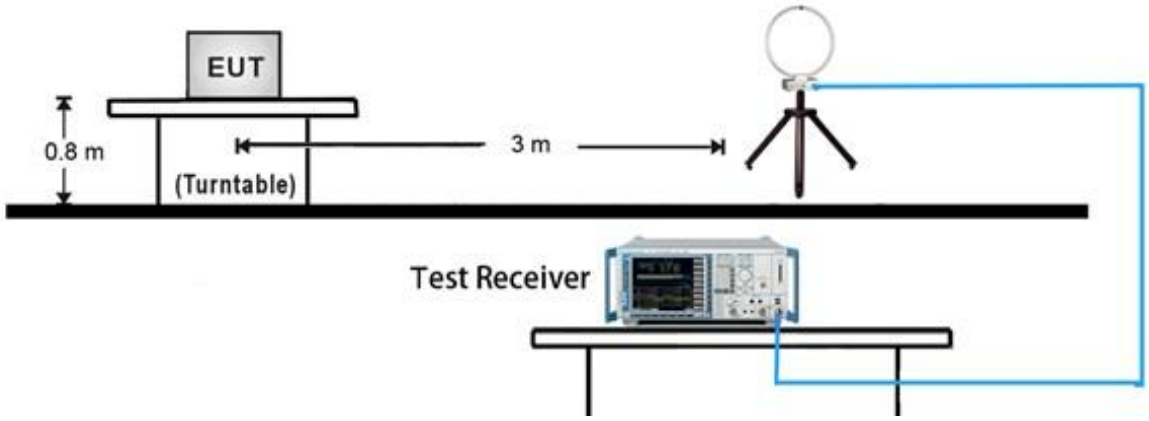
5.5.2 限制要求

除低功率射頻器材技術規範另有規定外，任何低功率射頻器材之主波皆不得使用下表所列各頻段之頻率低功率射頻器材落於下表所列頻帶內之混附發射，其電場強度必須符合低功率射頻器材技術規範之第3.6節限制規定

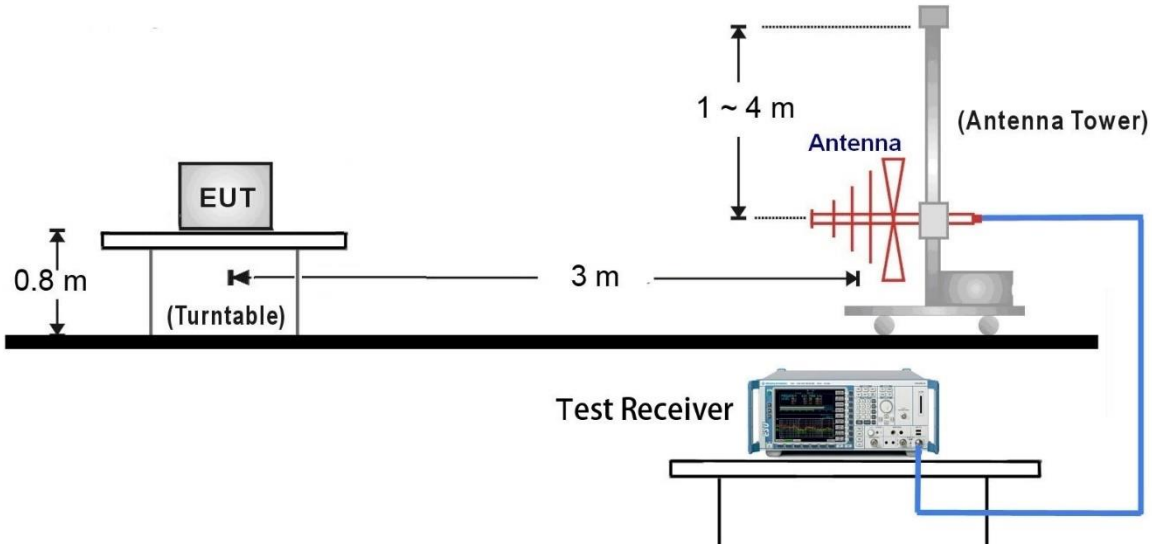
頻　率(MHz)	頻　率(MHz)	頻　率(MHz)	頻　率(MHz)	頻　率(MHz)
0.090～0.110	25.500～25.700	703.00～748.00	2310.0～2390.0	13250～13400
0.490～0.510	37.475～38.275	758.00～803.00	2483.5～2900.0	14470～14500
2.172～2.198	73.500～75.400	825.00～915.00	3260.0～3267.0	15350～16200
3.013～3.033	108.00～138.00	930.00～1240.0	3332.0～3339.0	17700～21400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

5.5.3 測試架構圖

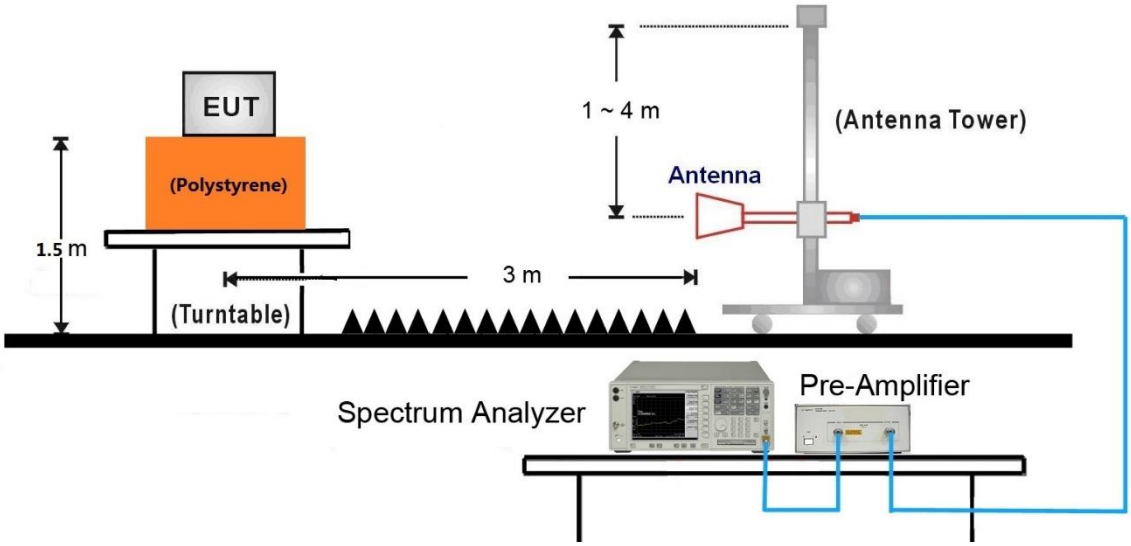
Under 30MHz Test



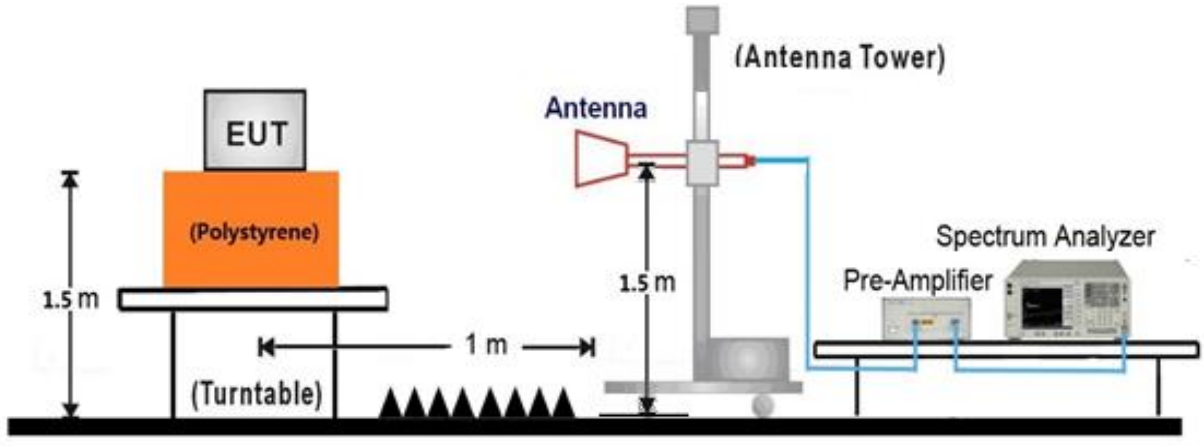
Under 1GHz Test Setup



1GHz ~ 18GHz Test Setup:

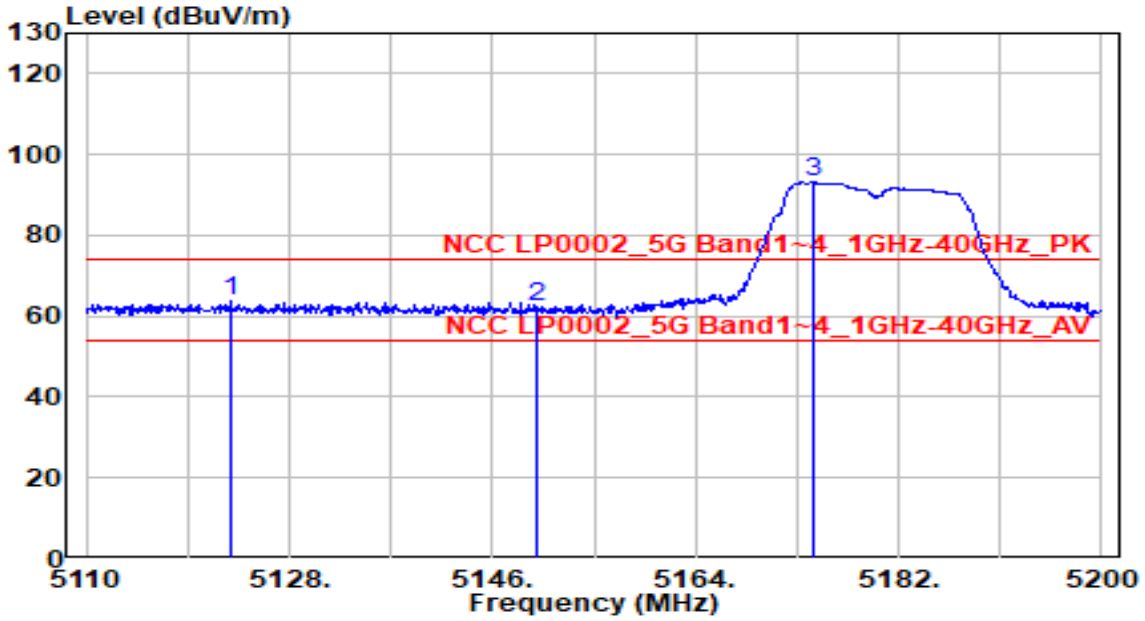


18GHz ~25GHz Test Setup:



5.5.4 頻帶邊緣測試結果

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH36_ANT 0	Test Voltage	By Notebook PC

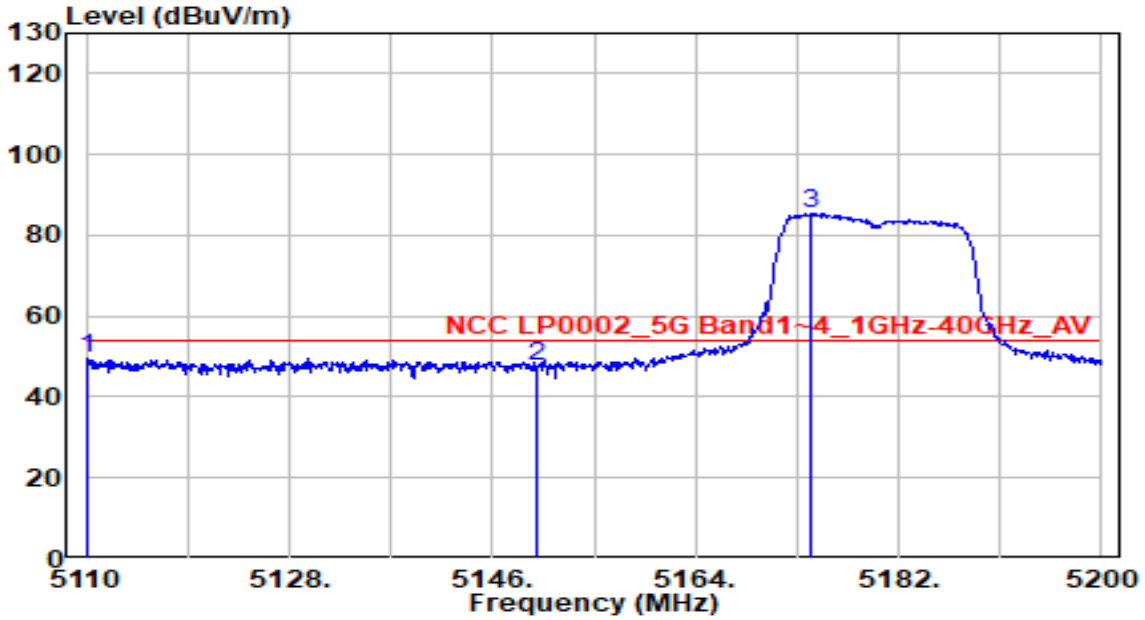


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5122.780	63.74	-0.10	63.64	-10.36	74.00	255	270	Peak
2		5150.000	62.18	-0.11	62.07	-11.93	74.00	255	270	Peak
3		5174.440	93.32	-0.12	93.21	N/A	N/A	255	270	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH36_ANT 0	Test Voltage	By Notebook PC

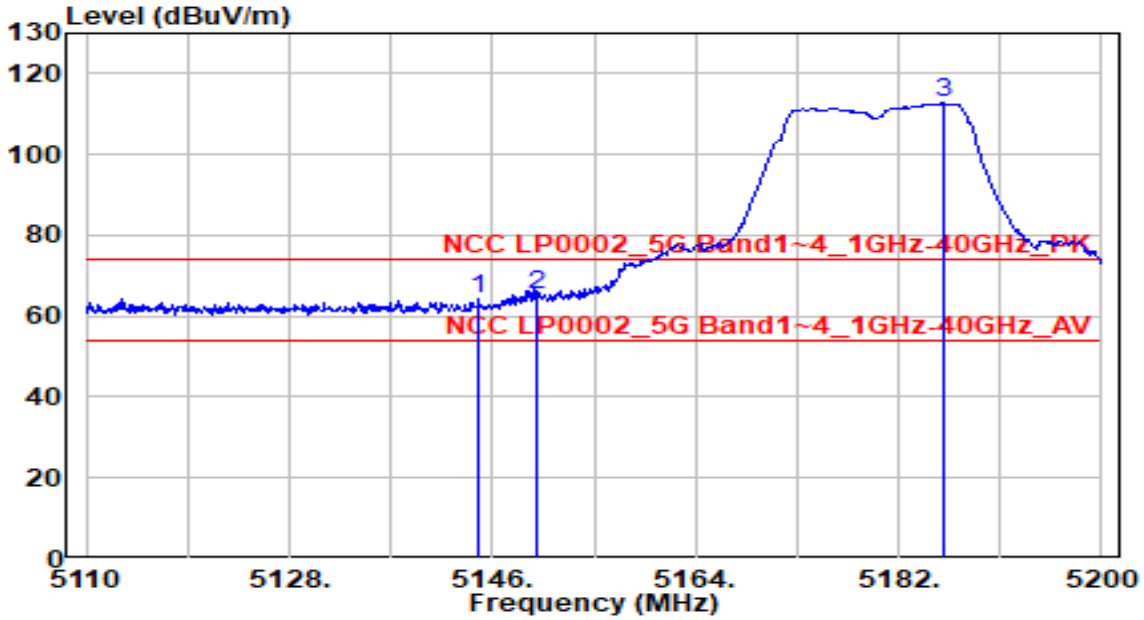


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5110.180	49.79	-0.10	49.69	-4.31	54.00	255	270	Average
2		5150.000	47.69	-0.11	47.58	-6.42	54.00	255	270	Average
3		5174.260	85.53	-0.12	85.41	N/A	N/A	255	270	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH36_ANT 0	Test Voltage	By Notebook PC

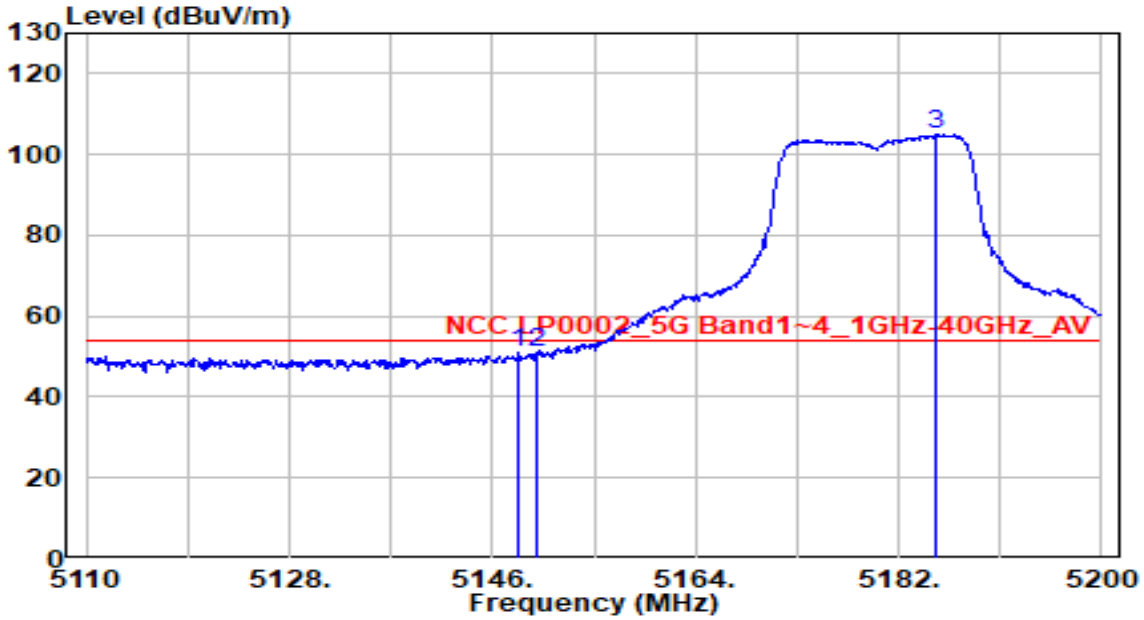


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5144.830	64.55	-0.11	64.45	-9.55	74.00	190	260	Peak
2	*	5150.000	65.30	-0.11	65.19	-8.81	74.00	190	260	Peak
3		5185.960	112.73	-0.12	112.62	N/A	N/A	190	260	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH36_ANT 0	Test Voltage	By Notebook PC

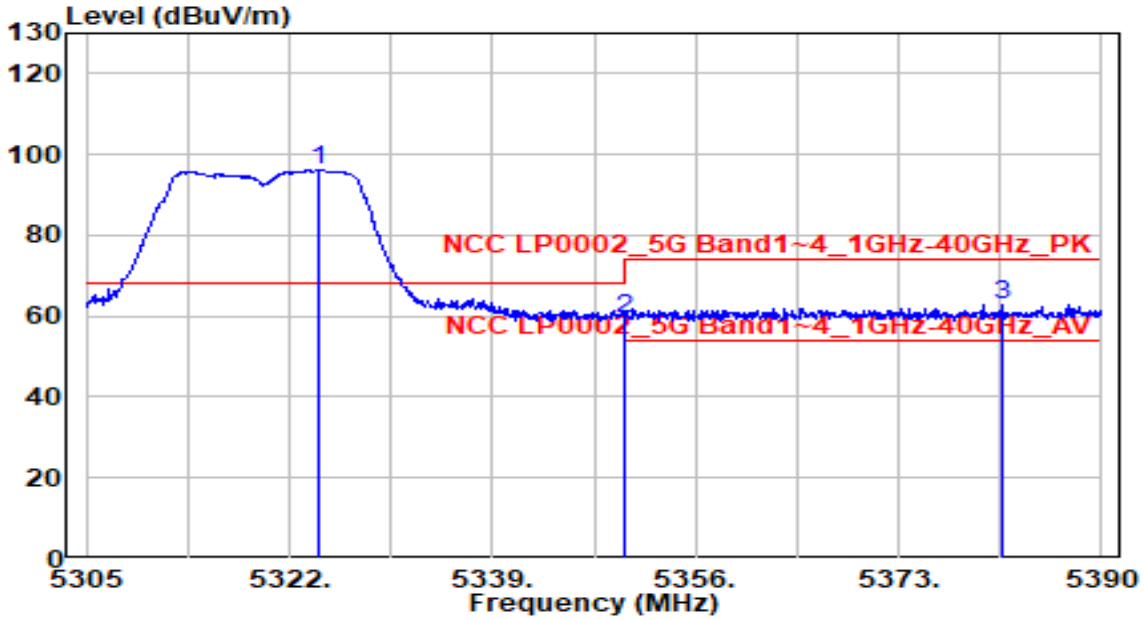


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.340	50.95	-0.11	50.84	-3.16	54.00	190	260	Average
2		5150.000	50.94	-0.11	50.83	-3.17	54.00	190	260	Average
3		5185.240	105.15	-0.12	105.03	N/A	N/A	190	260	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH64_ANT 0	Test Voltage	By Notebook PC

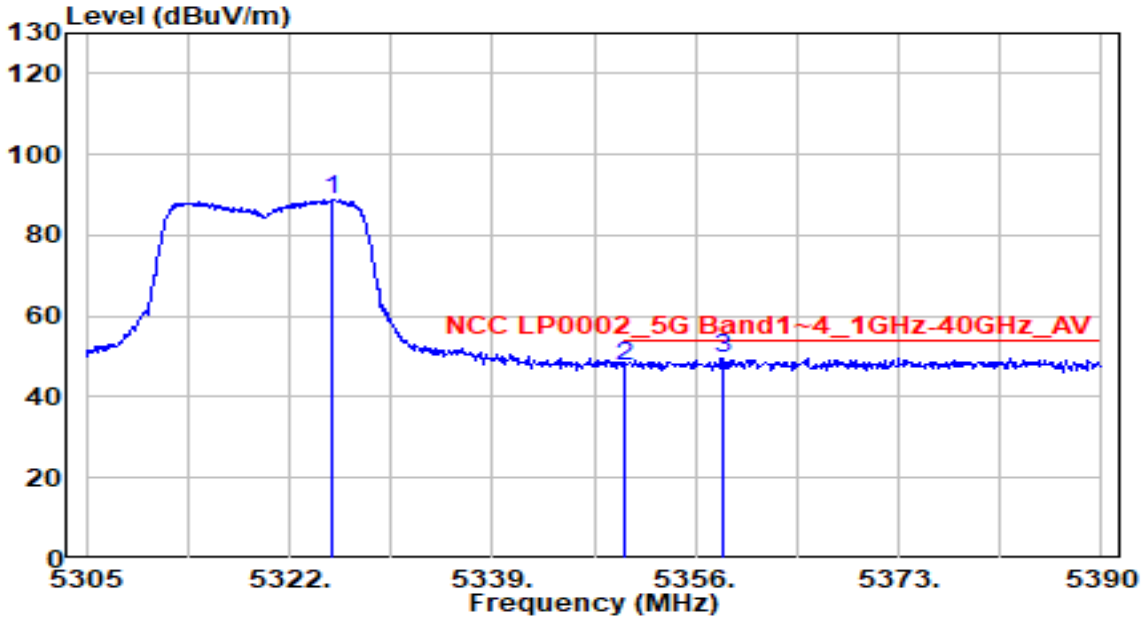


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5324.550	96.42	-0.13	96.29	N/A	N/A	175	295	Peak
2	*	5350.000	59.71	-0.13	59.57	-8.63	68.20	175	295	Peak
3		5381.755	62.96	-0.13	62.82	-11.18	74.00	175	295	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH64_ANT 0	Test Voltage	By Notebook PC

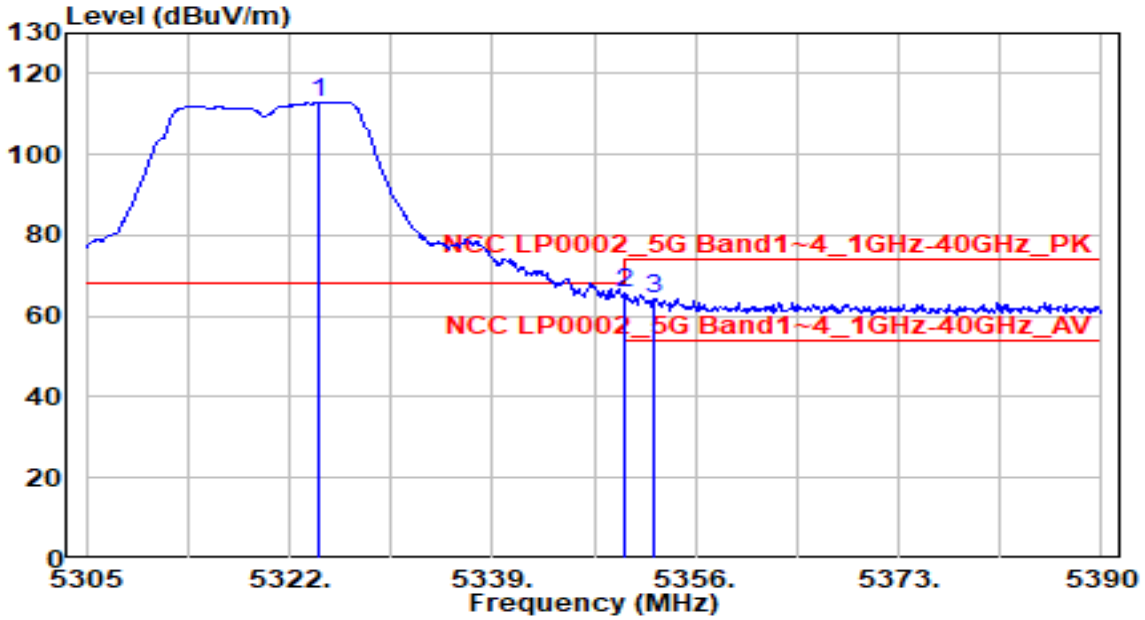


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5325.485	88.91	-0.13	88.78	N/A	N/A	175	295	Average
2		5350.000	47.75	-0.13	47.62	-6.38	54.00	175	295	Average
3	*	5358.210	49.92	-0.13	49.79	-4.21	54.00	175	295	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH64_ANT 0	Test Voltage	By Notebook PC

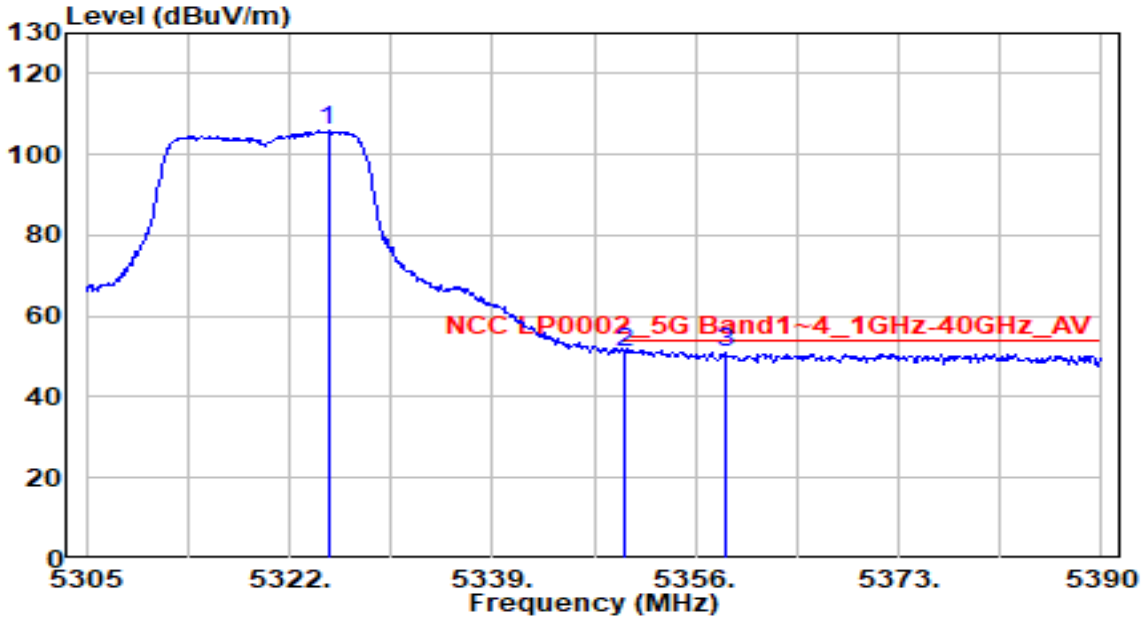


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5324.550	113.20	-0.13	113.07	N/A	N/A	165	240	Peak
2	*	5350.000	65.96	-0.13	65.83	-2.37	68.20	165	240	Peak
3		5352.610	64.61	-0.13	64.47	-9.53	74.00	165	240	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band2_CH64_ANT 0	Test Voltage	By Notebook PC

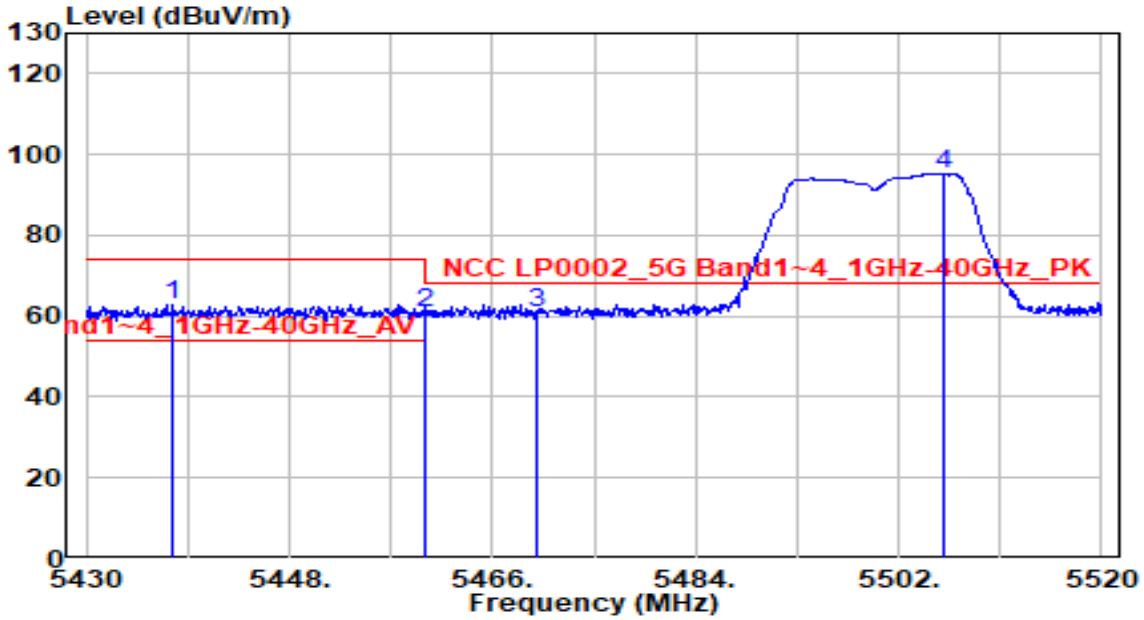


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5325.240	106.23	-0.13	106.10	N/A	N/A	165	240	Average
2	*	5350.000	51.18	-0.13	51.05	-2.95	54.00	165	240	Average
3		5358.590	51.18	-0.13	51.05	-2.95	54.00	165	240	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH100_ANT 0	Test Voltage	By Notebook PC

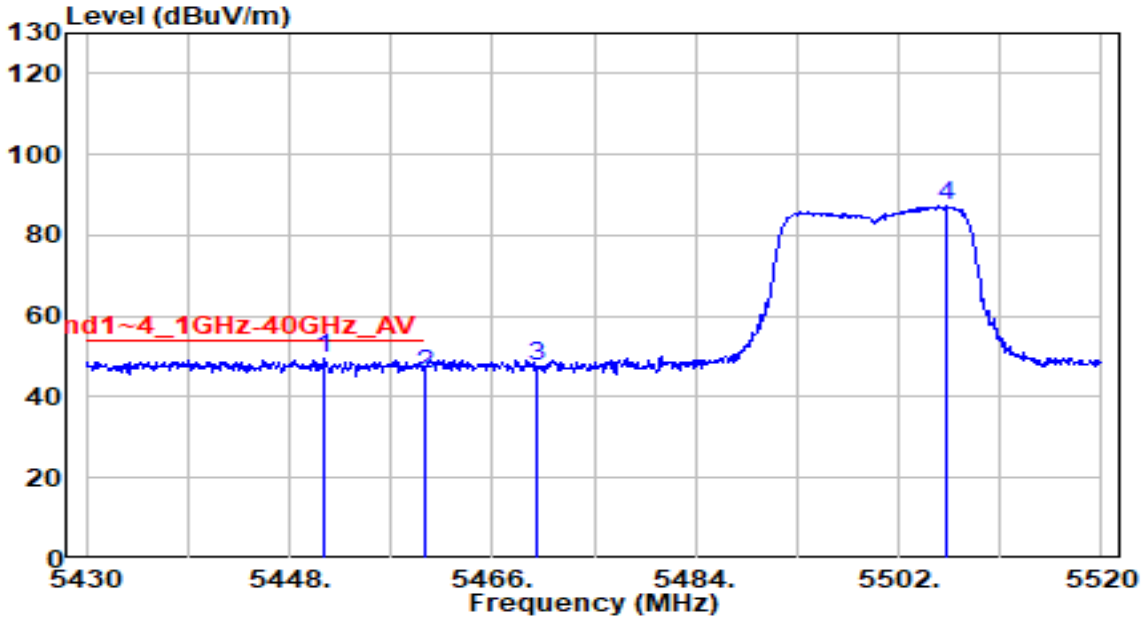


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5437.740	62.88	0.00	62.88	-11.12	74.00	170	295	Peak
2		5460.000	60.84	0.08	60.92	-7.28	68.20	170	295	Peak
3	*	5470.000	60.88	0.11	60.99	-7.21	68.20	170	295	Peak
4		5505.960	95.15	0.24	95.39	N/A	N/A	170	295	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH100_ANT 0	Test Voltage	By Notebook PC

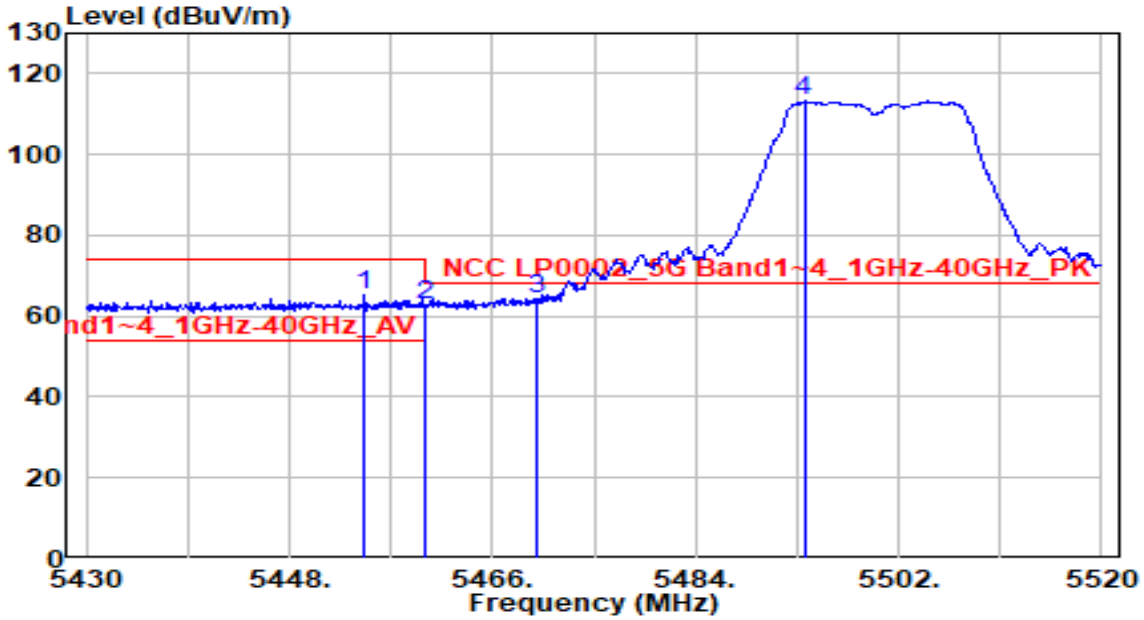


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5451.150	49.39	0.04	49.43	-4.57	54.00	170	295	Average
2		5460.000	45.55	0.08	45.62	-8.38	54.00	170	295	Average
3		5470.000	47.50	0.11	47.61	N/A	N/A	170	295	Average
4		5506.140	87.03	0.24	87.27	N/A	N/A	170	295	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertica	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH100_ANT 0	Test Voltage	By Notebook PC

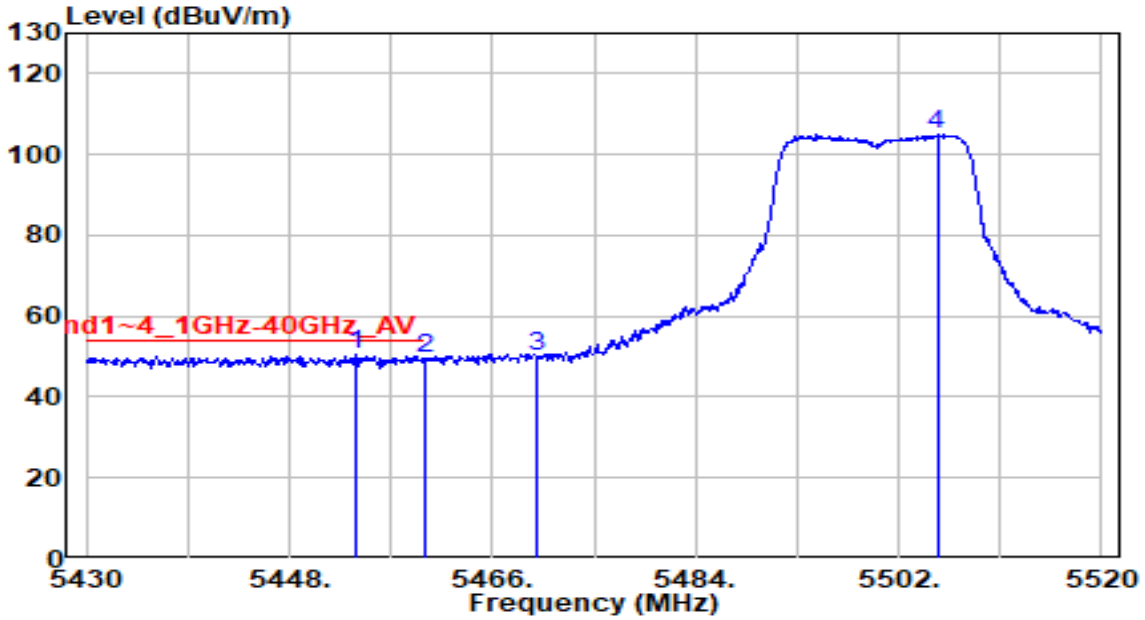


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5454.660	65.37	0.06	65.43	-8.57	74.00	155	240	Peak
2		5460.000	62.67	0.08	62.75	-5.45	68.20	155	240	Peak
3	*	5470.000	64.05	0.11	64.16	-4.04	68.20	155	240	Peak
4		5493.630	112.94	0.19	113.14	N/A	N/A	155	240	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH100_ANT 0	Test Voltage	By Notebook PC

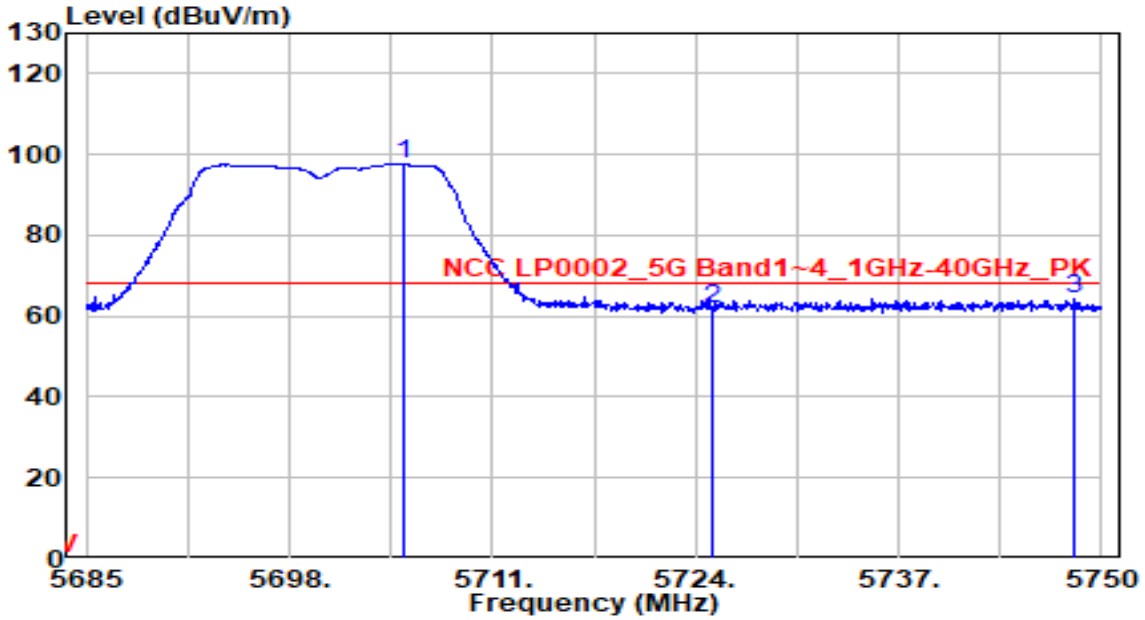


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5453.850	50.44	0.05	50.50	-3.50	54.00	155	240	Average
2		5460.000	49.49	0.08	49.57	-4.43	54.00	155	240	Average
3		5470.000	49.78	0.11	49.89	N/A	N/A	155	240	Average
4		5505.420	104.64	0.24	104.88	N/A	N/A	155	240	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH140_ANT 0	Test Voltage	By Notebook PC

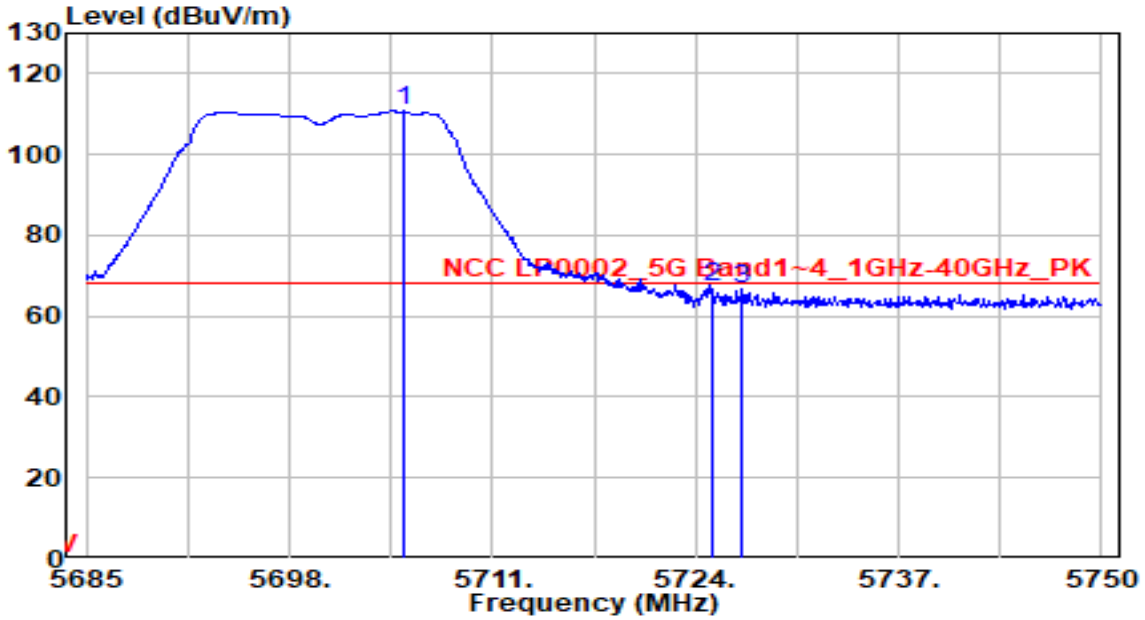


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5705.280	96.78	1.00	97.78	N/A	N/A	111	354	Peak
2		5725.000	60.91	1.08	61.98	-6.22	68.20	111	354	Peak
3	*	5748.310	62.90	1.17	64.07	-4.13	68.20	111	354	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band3_CH140_ANT 0	Test Voltage	By Notebook PC

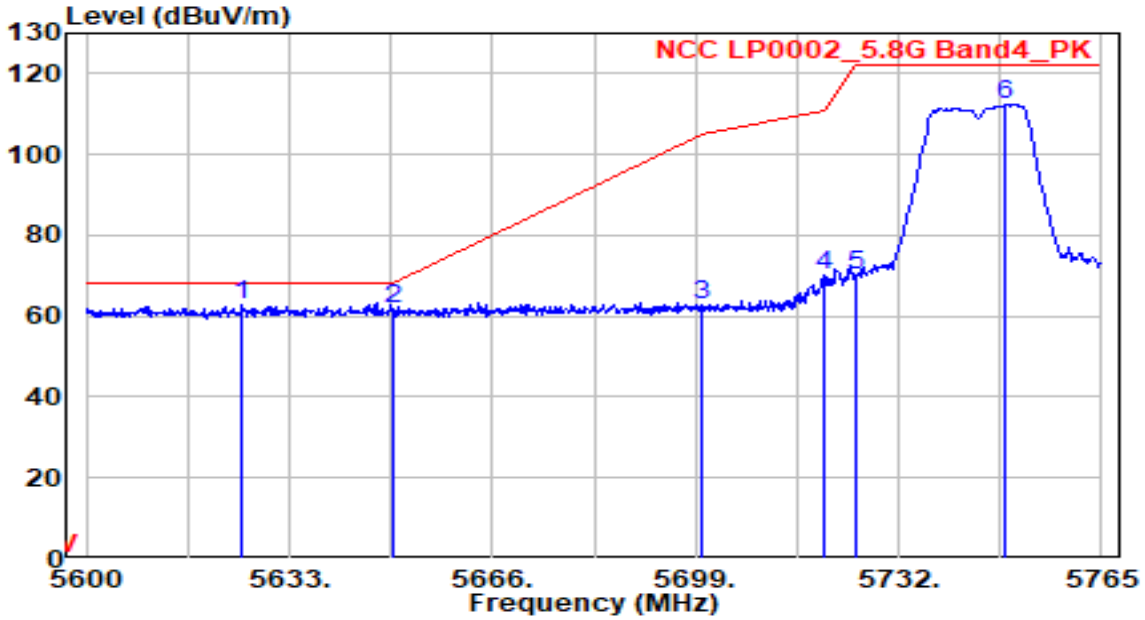


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5705.280	109.68	1.00	110.68	N/A	N/A	165	245	Peak
2	*	5725.000	66.23	1.08	67.31	-0.89	68.20	165	245	Peak
3		5726.990	65.68	1.08	66.77	-1.43	68.20	165	245	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH149_ANT 0	Test Voltage	By Notebook PC

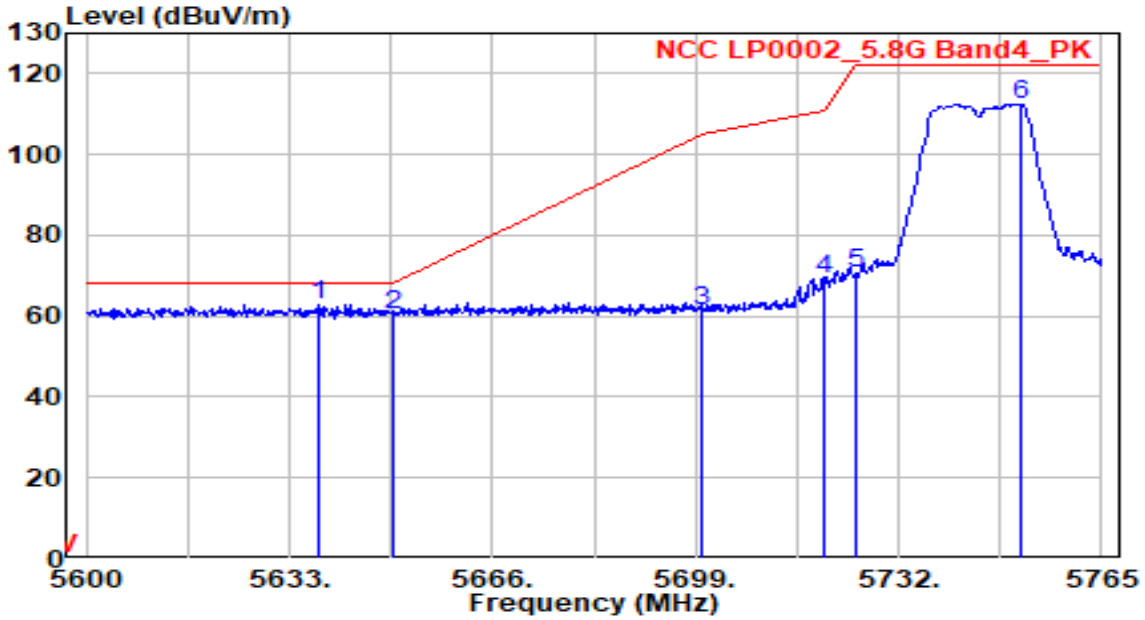


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5625.410	62.17	0.67	62.84	-5.36	68.20	180	265	Peak
2		5650.000	60.83	0.77	61.60	-6.60	68.20	180	265	Peak
3		5700.000	61.76	0.97	62.73	-42.47	105.20	180	265	Peak
4		5720.000	69.11	1.06	70.17	-40.63	110.80	180	265	Peak
5		5725.000	69.19	1.08	70.26	-51.94	122.20	180	265	Peak
6		5749.490	111.12	1.17	112.30	N/A	N/A	180	265	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH149_ANT 0	Test Voltage	By Notebook PC

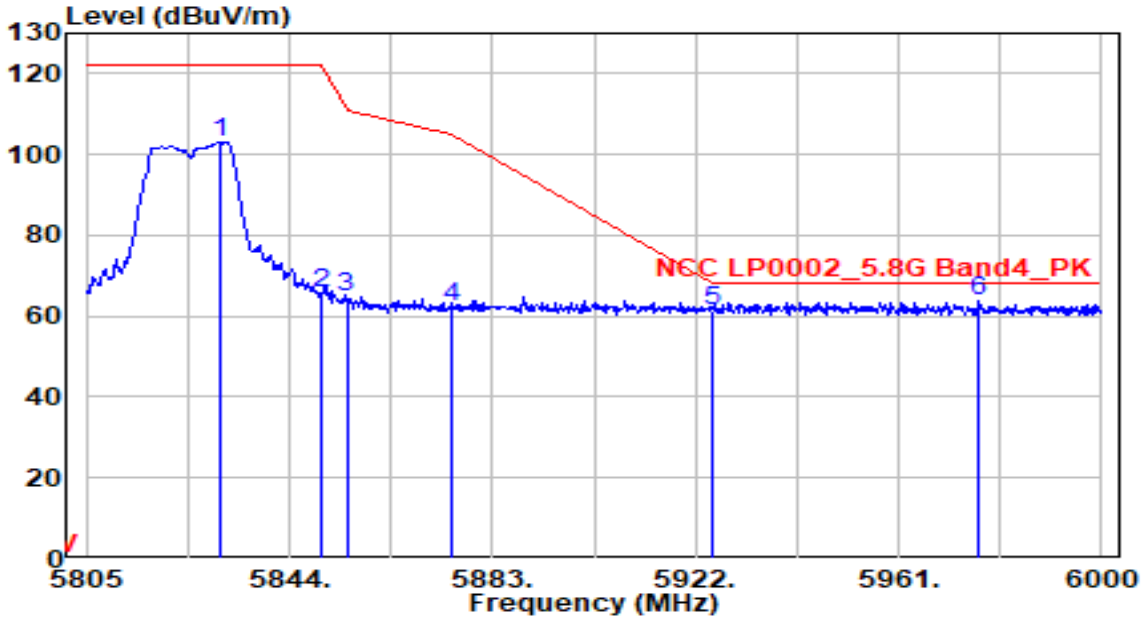


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5637.950	62.19	0.72	62.92	-5.28	68.20	205	265	Peak
2		5650.000	59.60	0.77	60.37	-7.83	68.20	205	265	Peak
3		5700.000	60.38	0.97	61.35	-43.85	105.20	205	265	Peak
4		5720.000	68.10	1.06	69.15	-41.65	110.80	205	265	Peak
5		5725.000	69.71	1.08	70.79	-51.41	122.20	205	265	Peak
6		5751.800	111.22	1.18	112.40	N/A	N/A	205	265	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH165_ANT 0	Test Voltage	By Notebook PC

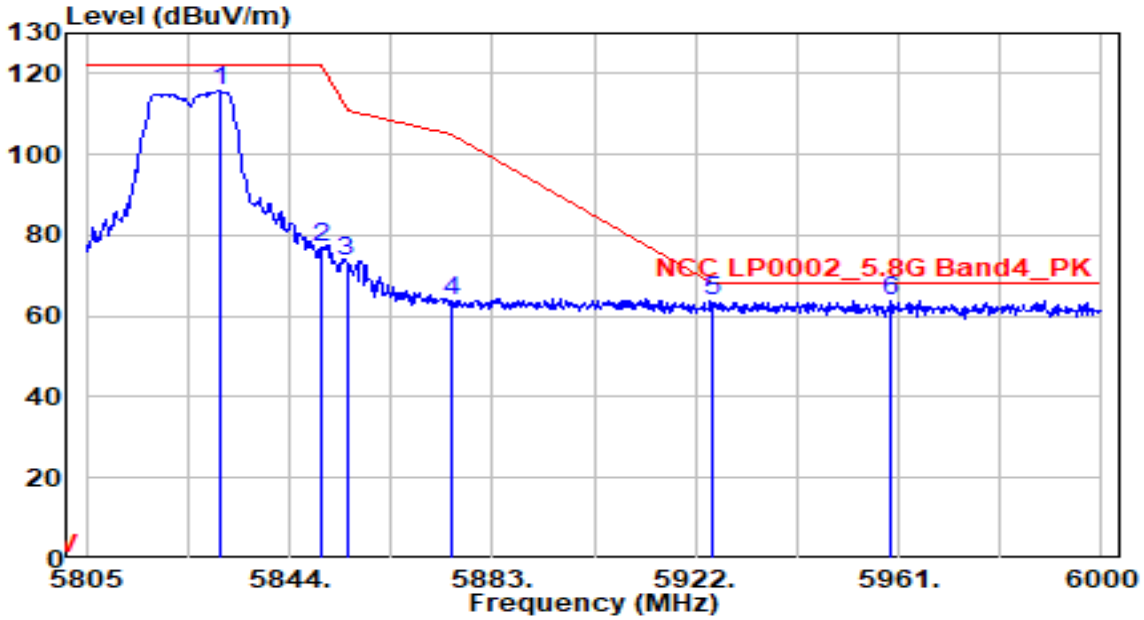


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5830.935	101.63	1.41	103.04	N/A	N/A	115	355	Peak
2		5850.000	64.29	1.43	65.71	-56.49	122.20	115	355	Peak
3		5855.000	63.08	1.43	64.51	-46.29	110.80	115	355	Peak
4		5875.000	61.03	1.45	62.48	-42.72	105.20	115	355	Peak
5		5925.000	59.92	1.50	61.42	-6.78	68.20	115	355	Peak
6	*	5976.405	62.40	1.55	63.95	-4.25	68.20	115	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH165_ANT 0	Test Voltage	By Notebook PC

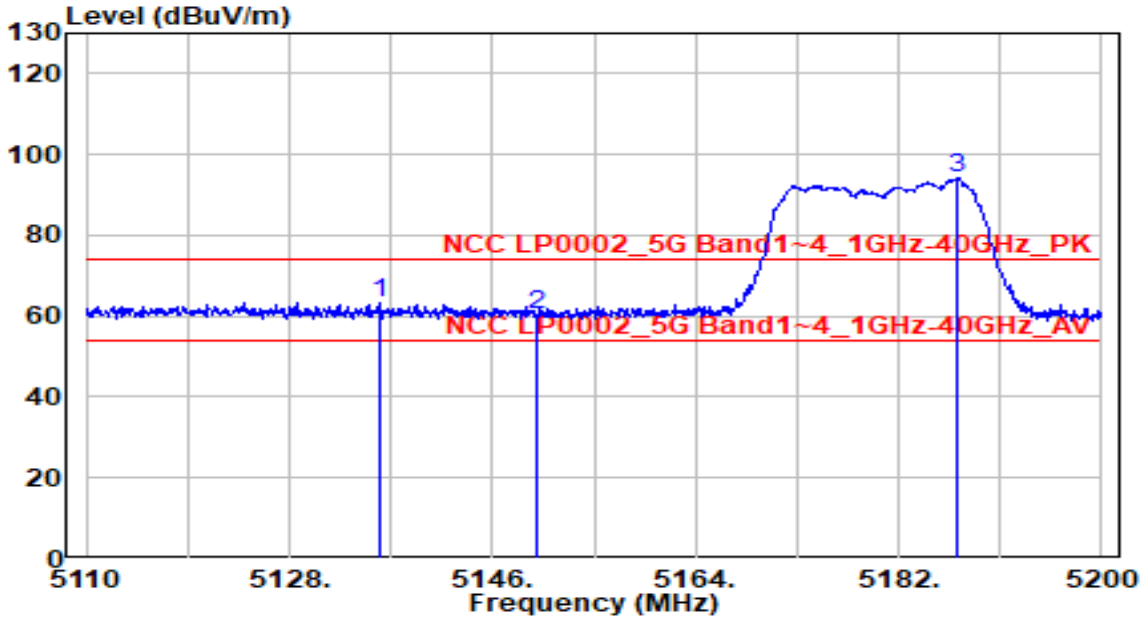


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5830.935	114.26	1.41	115.66	N/A	N/A	205	265	Peak
2		5850.045	75.42	1.43	76.85	-45.25	122.10	205	265	Peak
3		5855.000	71.98	1.43	73.41	-37.39	110.80	205	265	Peak
4		5875.000	62.21	1.45	63.66	-41.54	105.20	205	265	Peak
5	*	5925.000	62.27	1.50	63.77	-4.43	68.20	205	265	Peak
6		5959.635	62.06	1.53	63.59	-4.61	68.20	205	265	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH36_ANT 0+1	Test Voltage	By Notebook PC

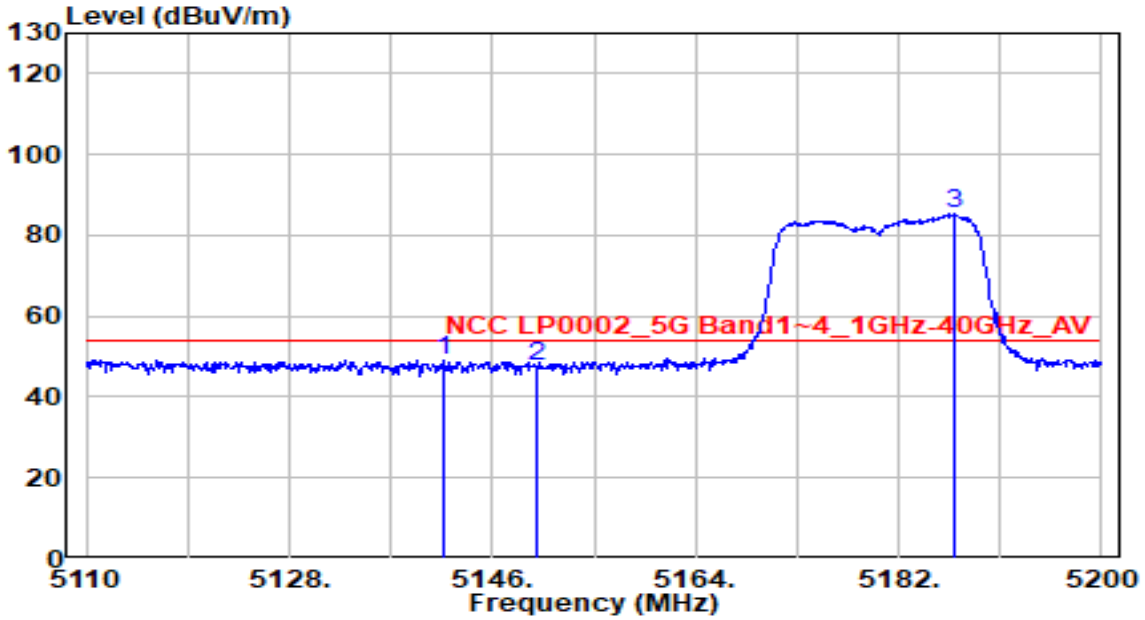


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5135.920	63.38	-0.11	63.27	-10.73	74.00	100	295	Peak
2		5150.000	60.52	-0.11	60.41	-13.59	74.00	100	295	Peak
3		5187.130	94.15	-0.12	94.03	N/A	N/A	100	295	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH36_ANT 0+1	Test Voltage	By Notebook PC

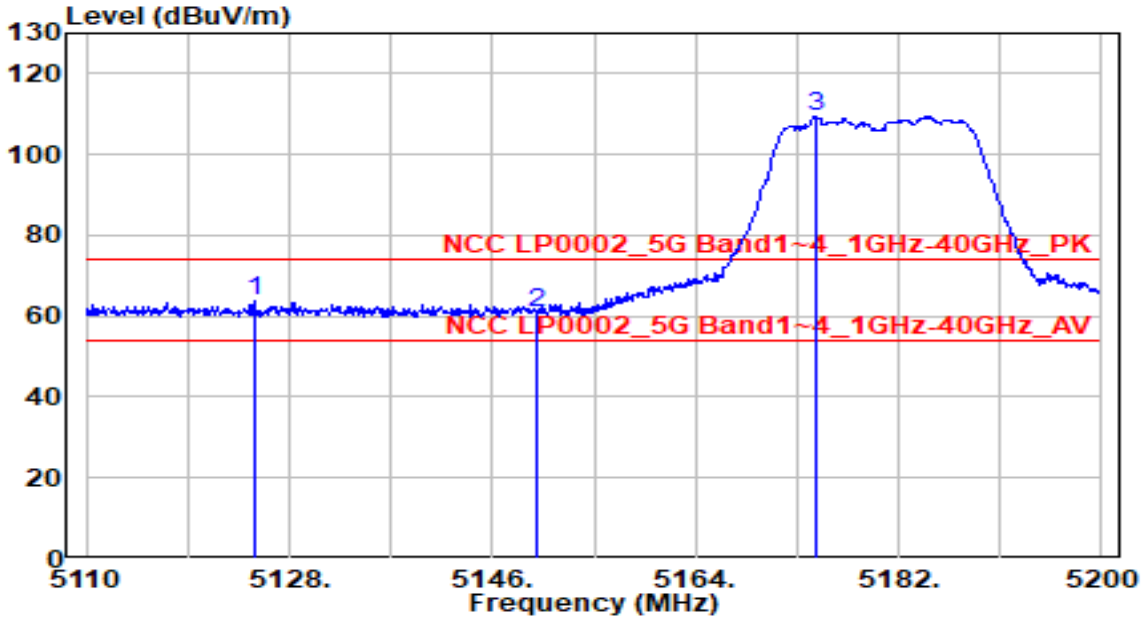


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5141.680	49.16	-0.11	49.05	-4.95	54.00	100	295	Average
2		5150.000	47.53	-0.11	47.42	-6.58	54.00	100	295	Average
3		5186.860	85.42	-0.12	85.31	N/A	N/A	100	295	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH36_ANT 0+1	Test Voltage	By Notebook PC

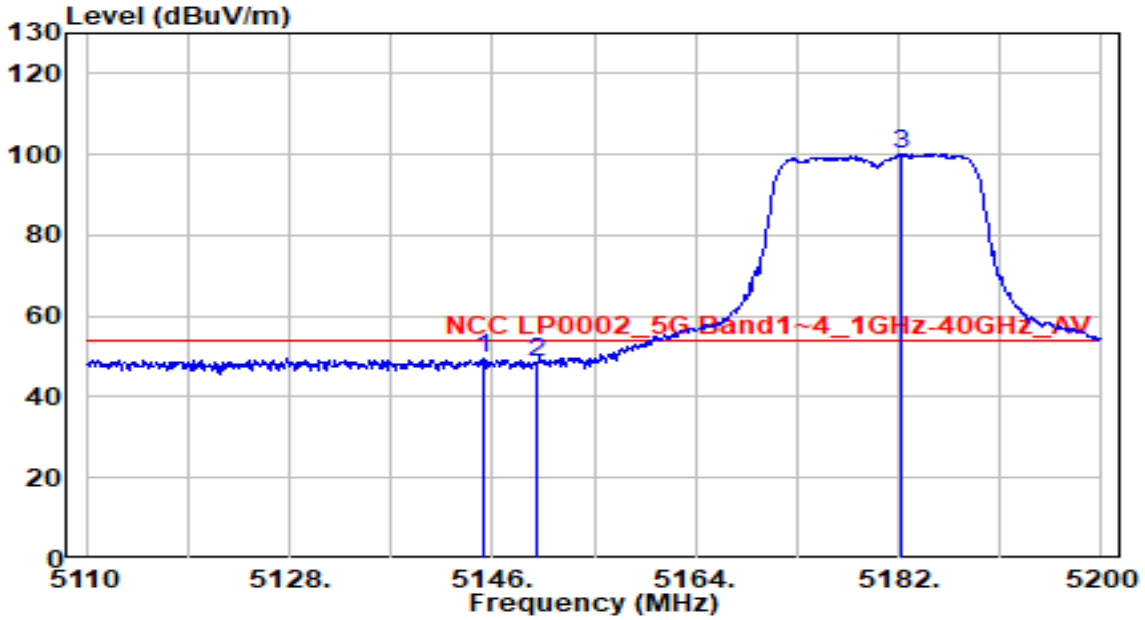


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5124.850	63.71	-0.10	63.61	-10.39	74.00	100	30	Peak
2		5150.000	60.74	-0.11	60.63	-13.37	74.00	100	30	Peak
3		5174.620	109.64	-0.12	109.53	N/A	N/A	100	30	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH36_ANT 0+1	Test Voltage	By Notebook PC

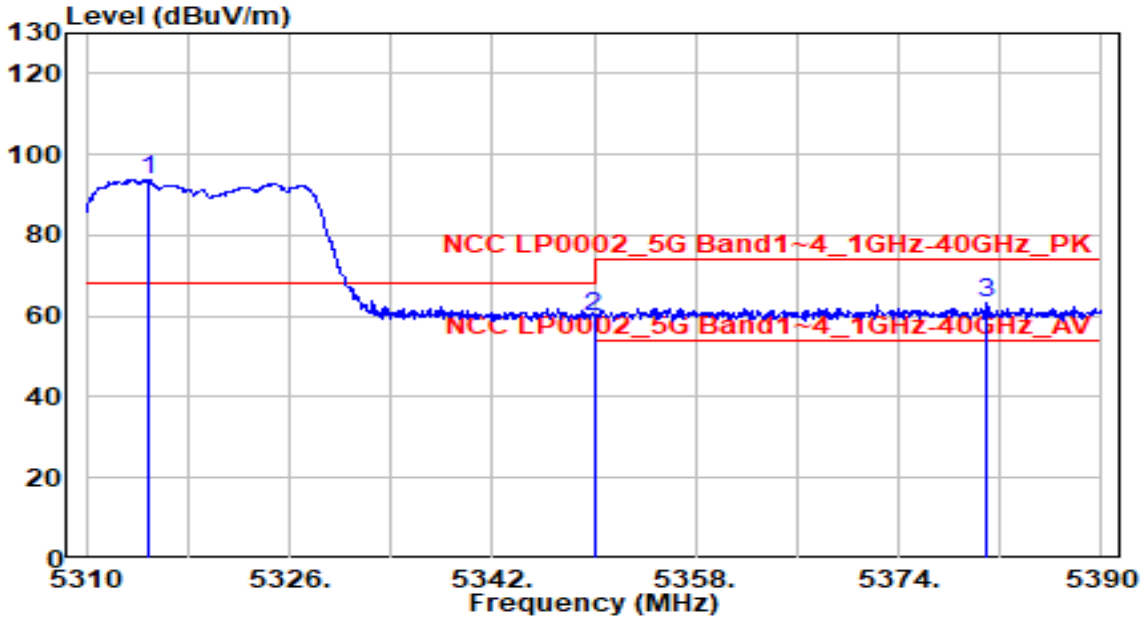


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5145.280	49.49	-0.11	49.38	-4.62	54.00	100	30	Average
2		5150.000	48.80	-0.11	48.69	-5.31	54.00	100	30	Average
3		5182.180	100.35	-0.12	100.24	N/A	N/A	100	30	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH64_ANT 0+1	Test Voltage	By Notebook PC

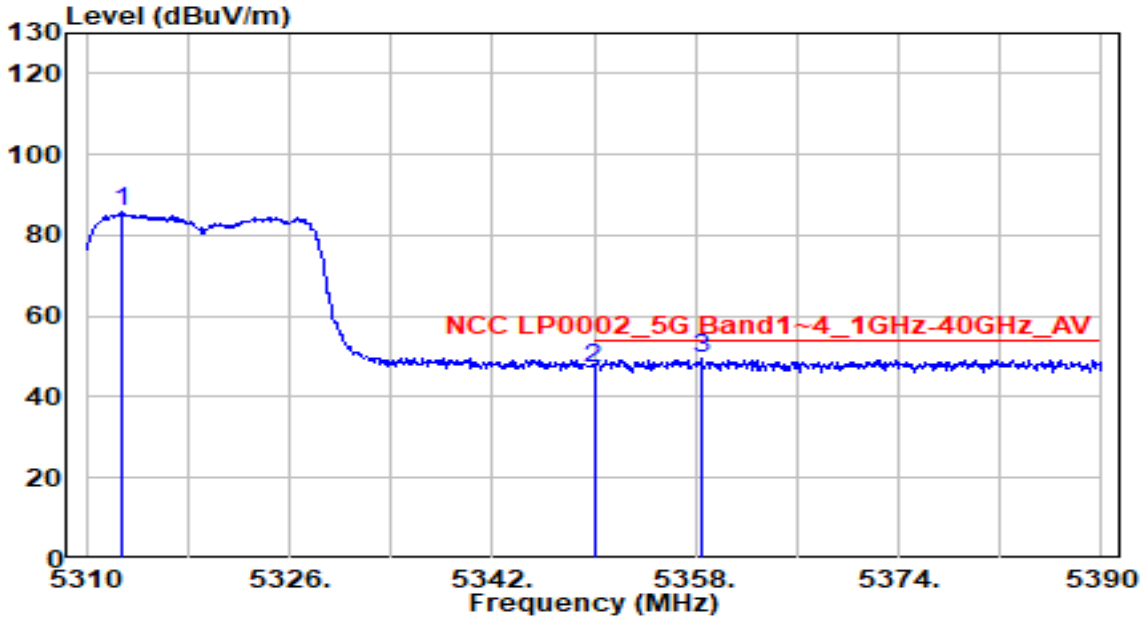


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5314.880	94.05	-0.13	93.92	N/A	N/A	105	295	Peak
2	*	5350.000	59.78	-0.13	59.64	-8.56	68.20	105	295	Peak
3		5380.880	63.31	-0.13	63.17	-10.83	74.00	105	295	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH64_ANT 0+1	Test Voltage	By Notebook PC

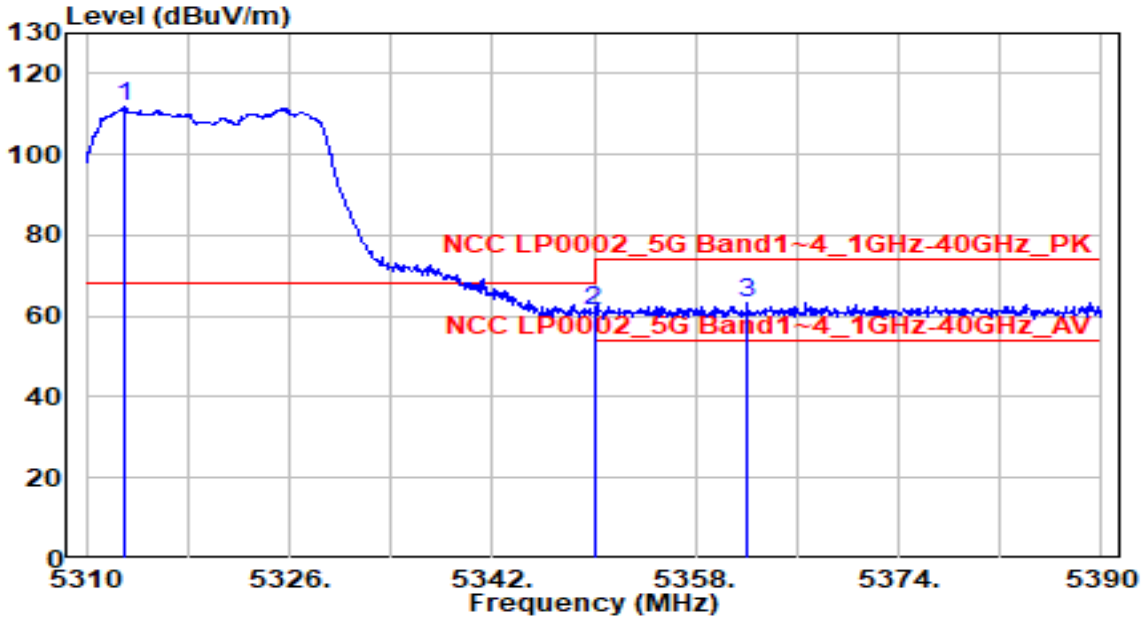


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5312.720	85.94	-0.13	85.80	N/A	N/A	105	295	Average
2		5350.000	47.36	-0.13	47.22	-6.78	54.00	105	295	Average
3	*	5358.480	49.47	-0.13	49.34	-4.66	54.00	105	295	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH64_ANT 0+1	Test Voltage	By Notebook PC

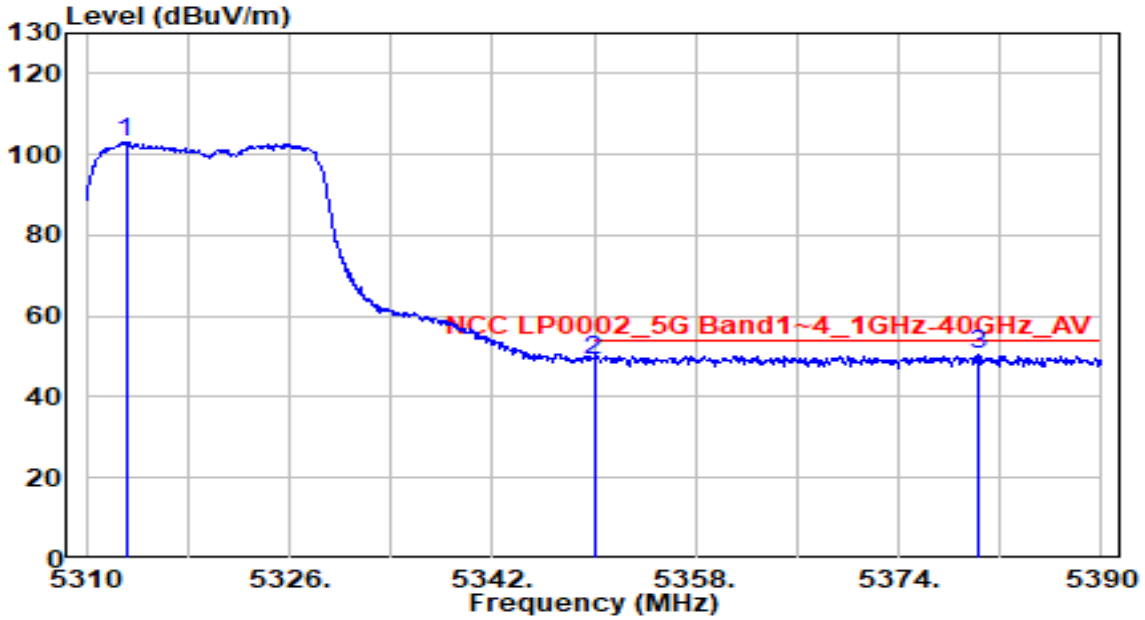


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5312.960	111.75	-0.13	111.62	N/A	N/A	170	285	Peak
2	*	5350.000	61.69	-0.13	61.56	-6.64	68.20	170	285	Peak
3		5362.080	63.50	-0.13	63.37	-10.63	74.00	170	285	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band2_CH64_ANT 0+1	Test Voltage	By Notebook PC

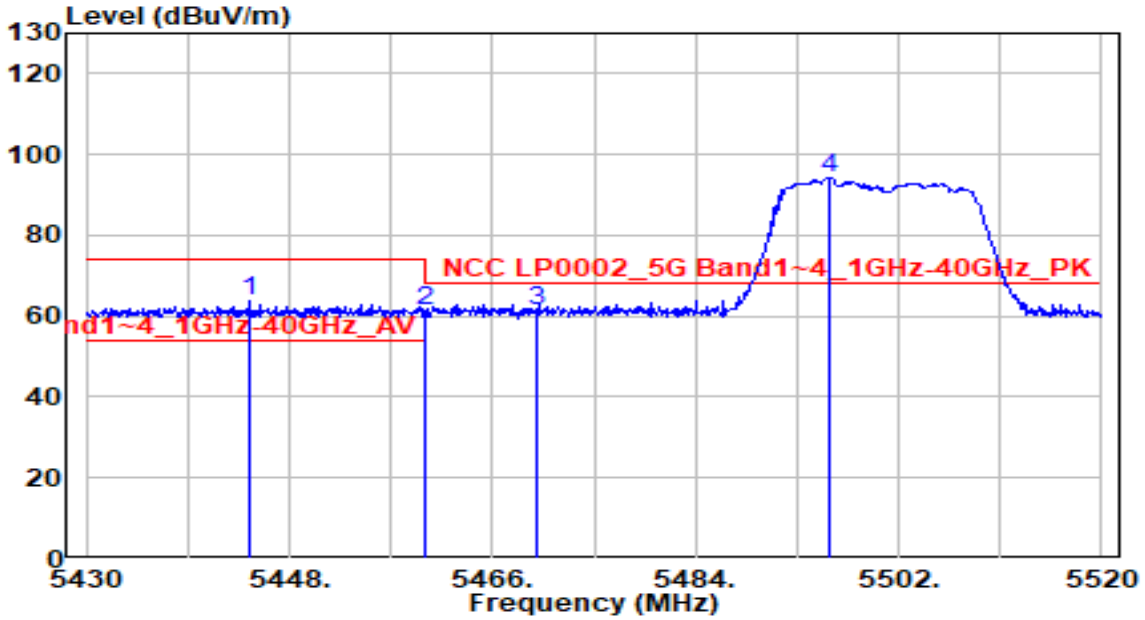


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5313.120	103.31	-0.13	103.17	N/A	N/A	170	285	Average
2		5350.000	49.41	-0.13	49.27	-4.73	54.00	170	285	Average
3	*	5380.320	50.44	-0.13	50.31	-3.69	54.00	170	285	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1	Test Voltage	By Notebook PC

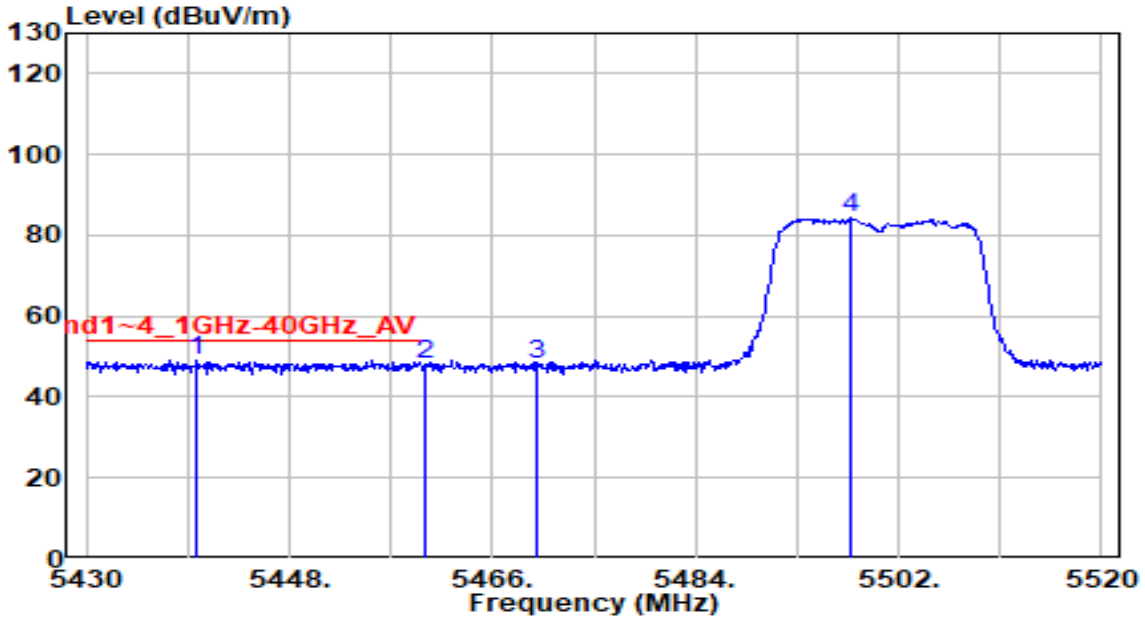


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5444.490	63.94	0.02	63.96	-10.04	74.00	185	295	Peak
2	*	5460.000	61.25	0.08	61.33	-6.87	68.20	185	295	Peak
3		5470.000	61.18	0.11	61.29	-6.91	68.20	185	295	Peak
4		5495.970	94.16	0.20	94.36	N/A	N/A	185	295	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH100_ANT 0+1	Test Voltage	By Notebook PC

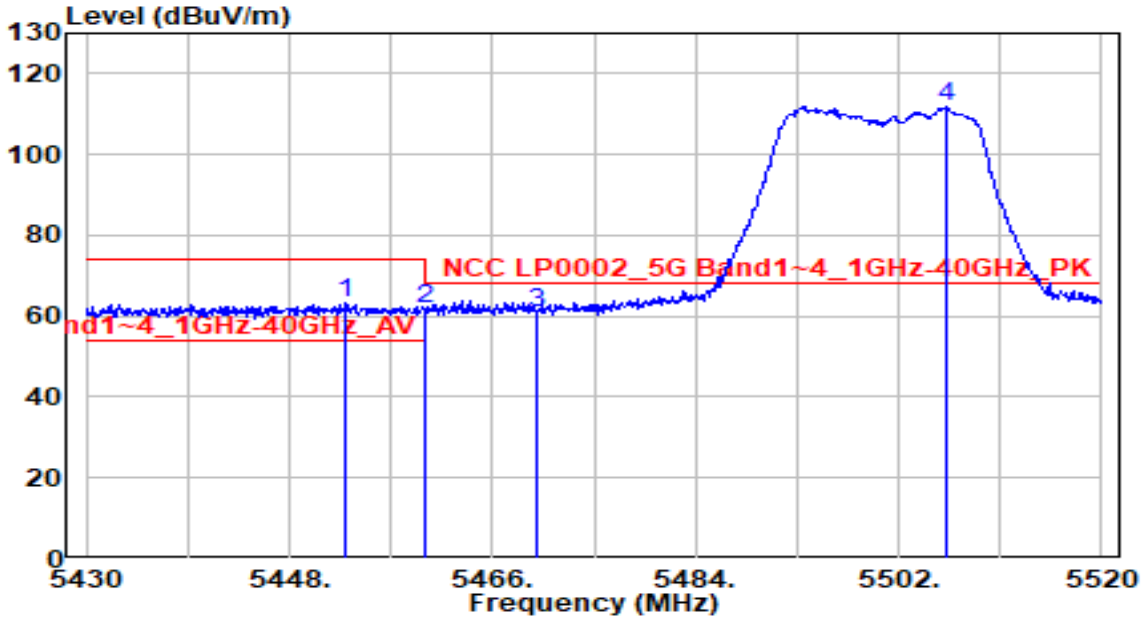


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5439.810	49.19	0.00	49.19	-4.81	54.00	185	295	Average
2		5460.000	48.14	0.08	48.22	-5.78	54.00	185	295	Average
3		5470.000	47.80	0.11	47.91	N/A	N/A	185	295	Average
4		5497.860	84.17	0.21	84.38	N/A	N/A	185	295	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH100_ANT 0+1	Test Voltage	By Notebook PC

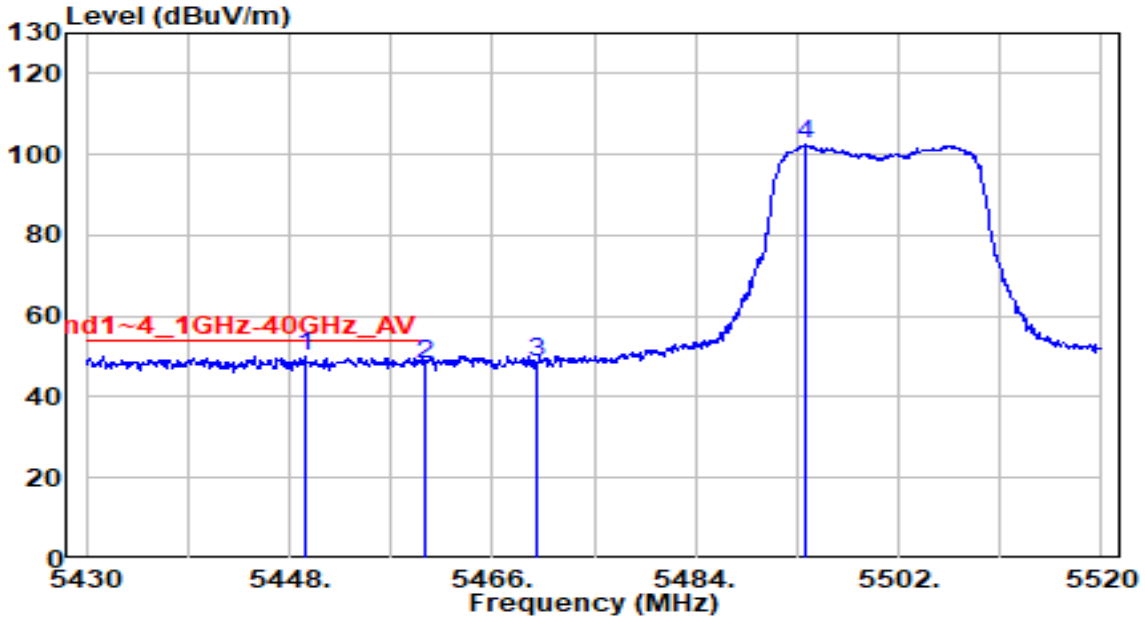


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5452.950	63.30	0.05	63.35	-10.65	74.00	170	285	Peak
2	*	5460.000	61.55	0.08	61.63	-6.57	68.20	170	285	Peak
3		5470.000	60.94	0.11	61.05	-7.15	68.20	170	285	Peak
4		5506.140	111.51	0.24	111.74	N/A	N/A	170	285	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH100_ANT 0+1	Test Voltage	By Notebook PC

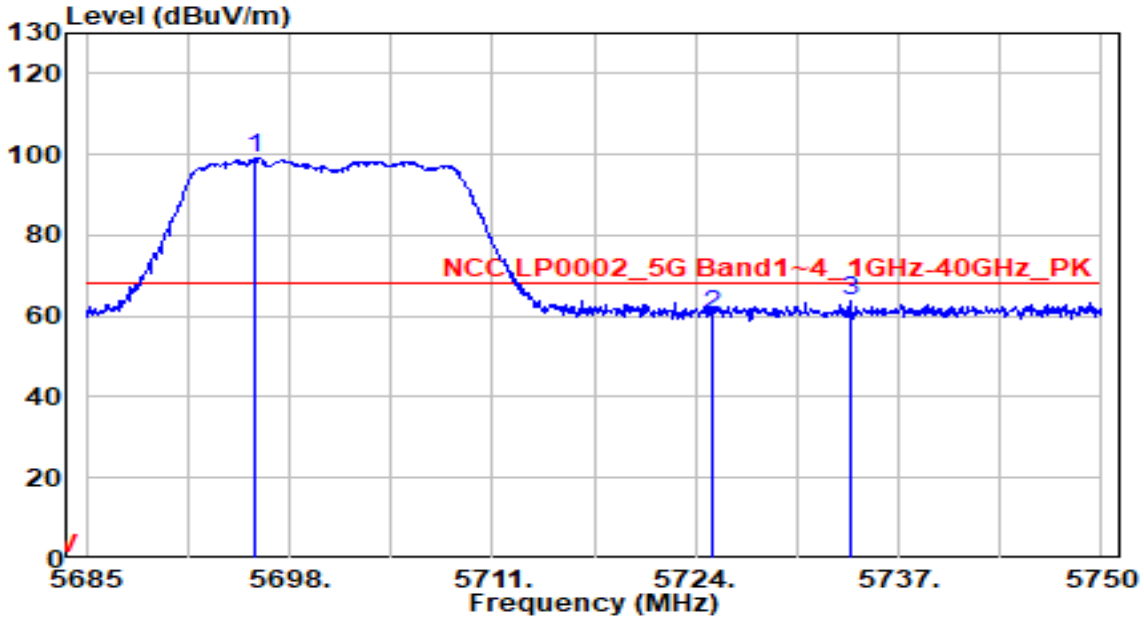


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5449.440	50.03	0.04	50.07	-3.93	54.00	170	285	Average
2		5460.000	48.19	0.08	48.27	-5.73	54.00	170	285	Average
3		5470.000	48.44	0.11	48.55	N/A	N/A	170	285	Average
4		5493.720	102.25	0.19	102.44	N/A	N/A	170	285	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH140_ANT 0+1	Test Voltage	By Notebook PC

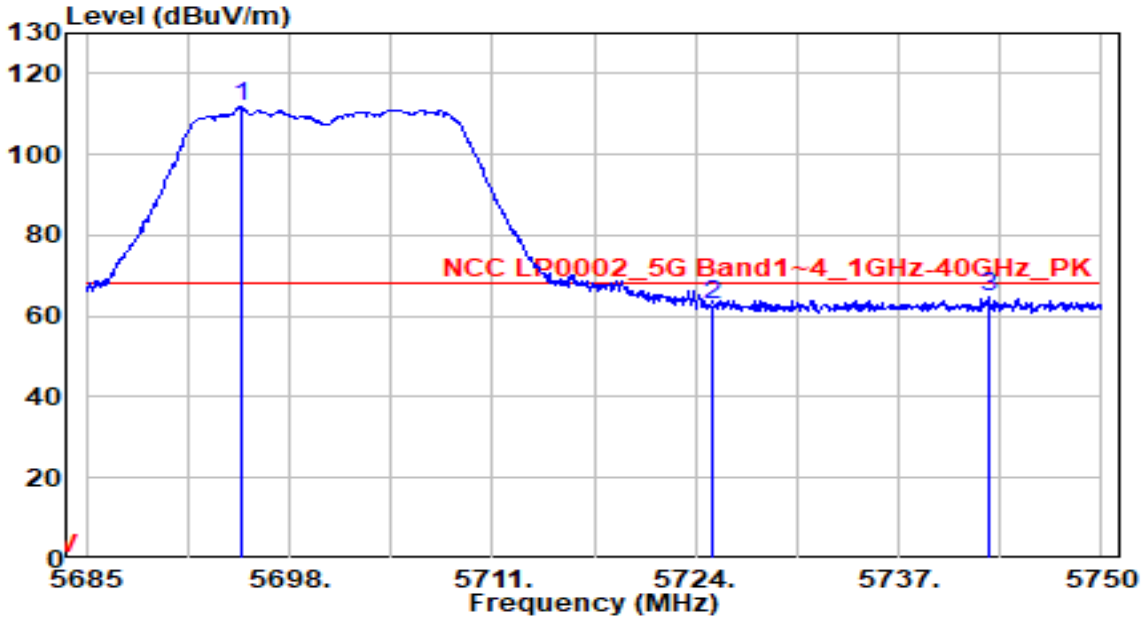


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5695.855	98.36	0.96	99.32	N/A	N/A	105	360	Peak
2		5725.000	59.22	1.08	60.29	-7.91	68.20	105	360	Peak
3	*	5733.880	62.51	1.11	63.62	-4.58	68.20	105	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band3_CH140_ANT 0+1	Test Voltage	By Notebook PC

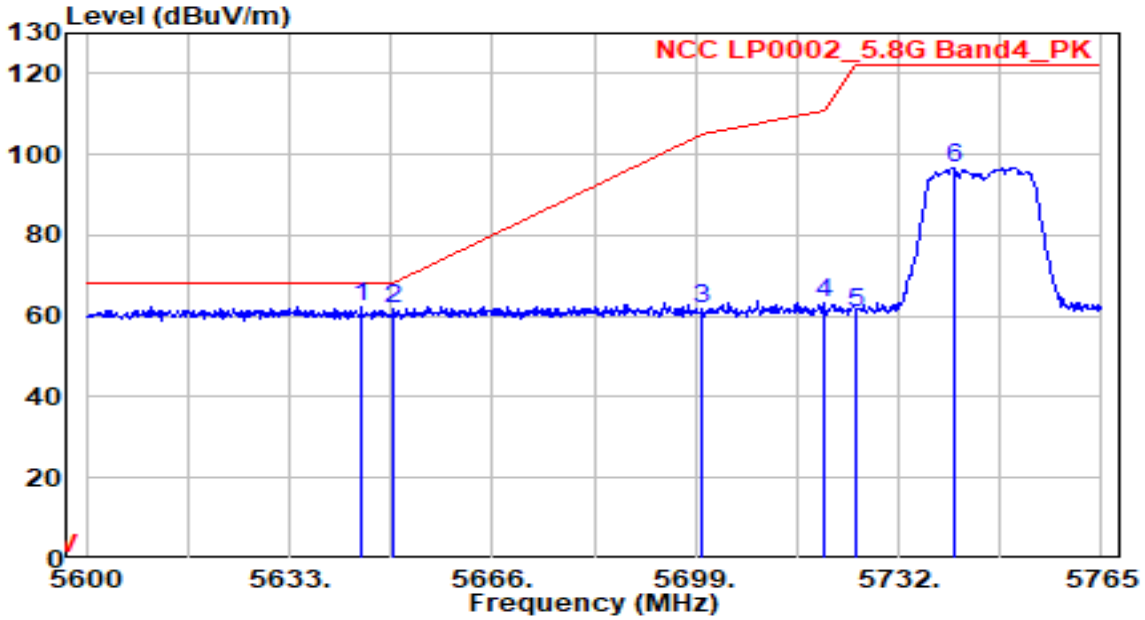


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5694.880	110.89	0.95	111.84	N/A	N/A	170	265	Peak
2		5725.000	61.66	1.08	62.73	-5.47	68.20	170	265	Peak
3	*	5742.720	63.78	1.15	64.93	-3.27	68.20	170	265	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH149_ANT 0+1	Test Voltage	By Notebook PC

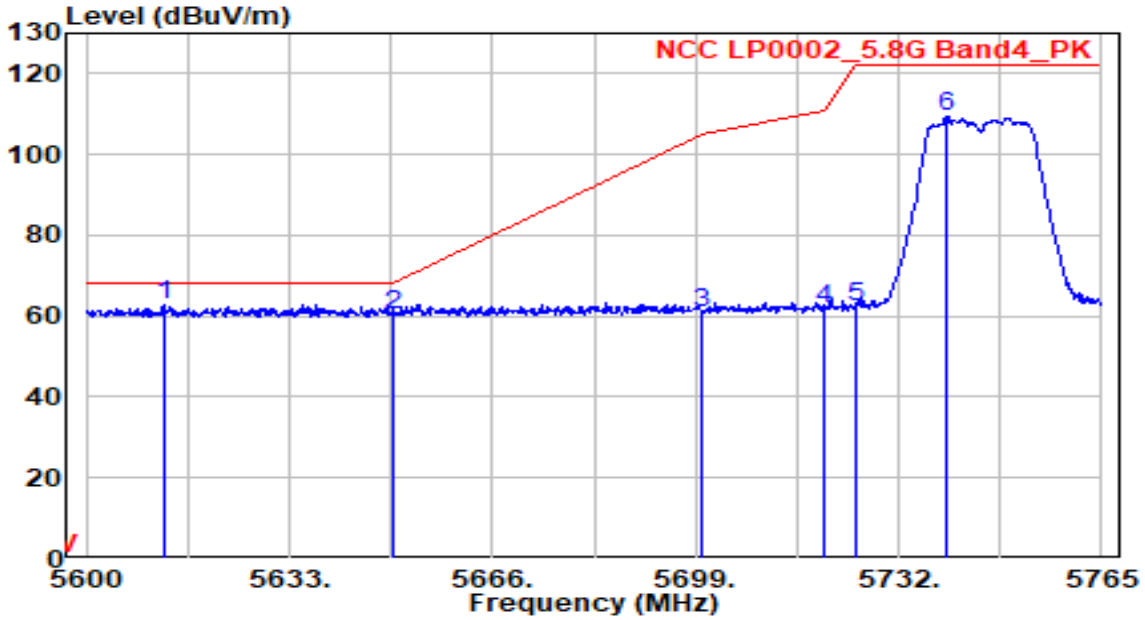


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5644.715	61.68	0.75	62.43	-5.77	68.20	100	355	Peak
2		5650.000	61.07	0.77	61.84	-6.36	68.20	100	355	Peak
3		5700.000	60.72	0.97	61.70	-43.50	105.20	100	355	Peak
4		5720.000	62.34	1.06	63.40	-47.40	110.80	100	355	Peak
5		5725.000	59.80	1.08	60.87	-61.33	122.20	100	355	Peak
6		5740.910	95.68	1.14	96.82	N/A	N/A	100	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH149_ANT 0+1	Test Voltage	By Notebook PC

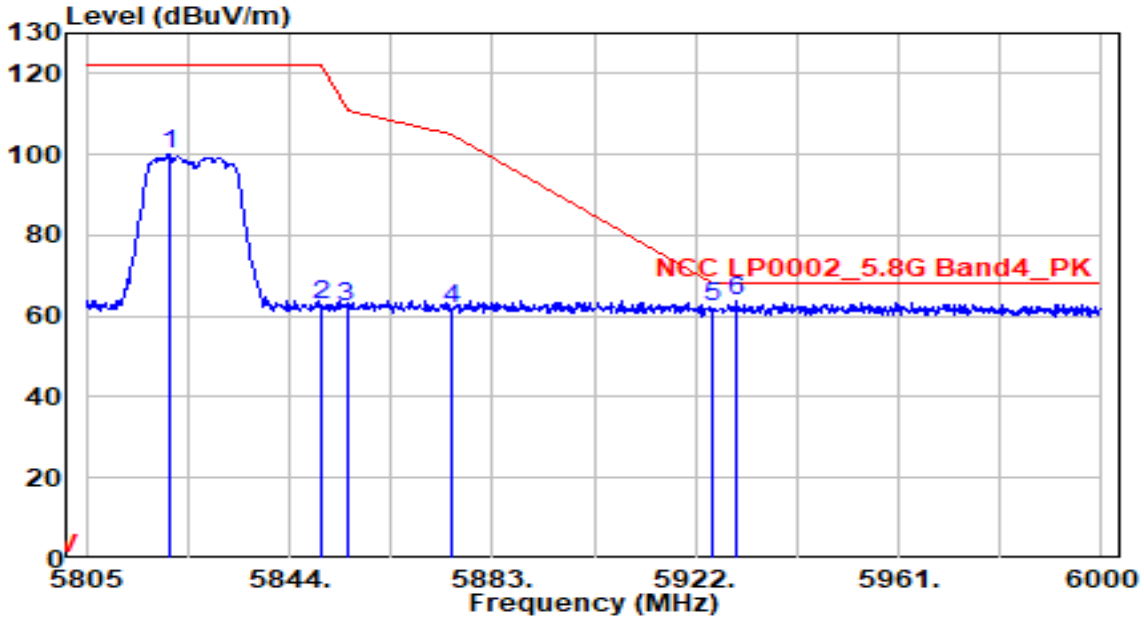


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5612.705	62.31	0.62	62.93	-5.27	68.20	180	265	Peak
2		5650.000	59.56	0.77	60.33	-7.87	68.20	180	265	Peak
3		5700.000	60.03	0.97	61.01	-44.19	105.20	180	265	Peak
4		5720.000	60.58	1.06	61.64	-49.16	110.80	180	265	Peak
5		5725.000	61.36	1.08	62.44	-59.76	122.20	180	265	Peak
6		5739.920	108.46	1.14	109.60	N/A	N/A	180	265	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH159_ANT 0+1	Test Voltage	By Notebook PC

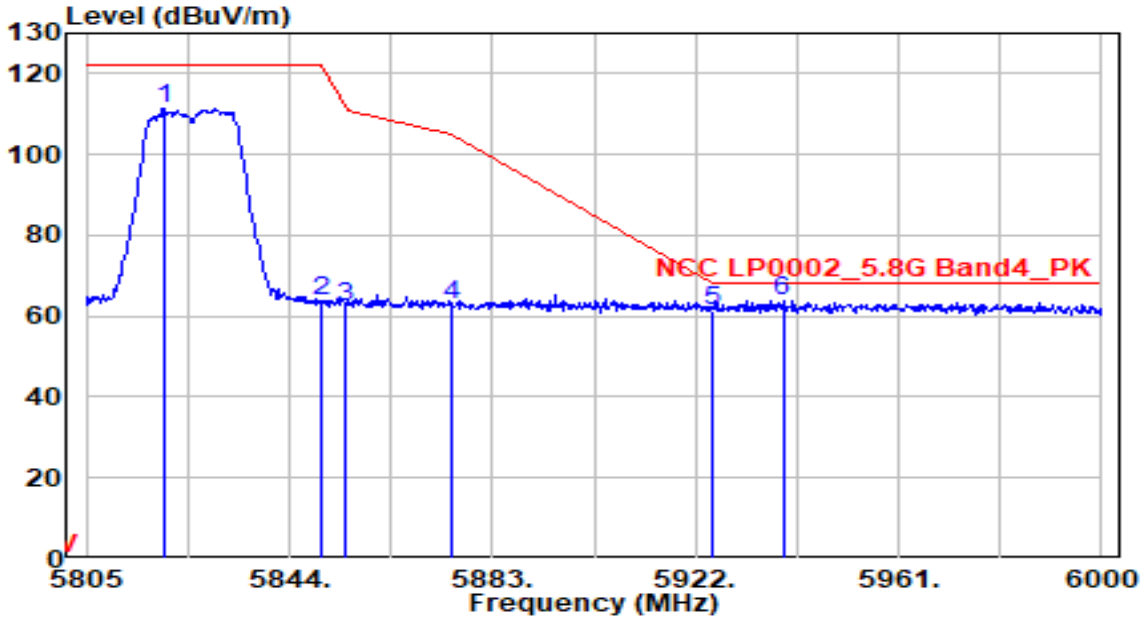


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5820.795	98.69	1.40	100.09	N/A	N/A	105	355	Peak
2		5850.000	61.49	1.43	62.92	-59.28	122.20	105	355	Peak
3		5855.000	61.01	1.43	62.44	-48.36	110.80	105	355	Peak
4		5875.000	60.60	1.45	62.05	-43.15	105.20	105	355	Peak
5		5925.000	60.68	1.50	62.18	-6.02	68.20	105	355	Peak
6	*	5929.605	62.21	1.50	63.72	-4.48	68.20	105	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH159_ANT 0+1	Test Voltage	By Notebook PC

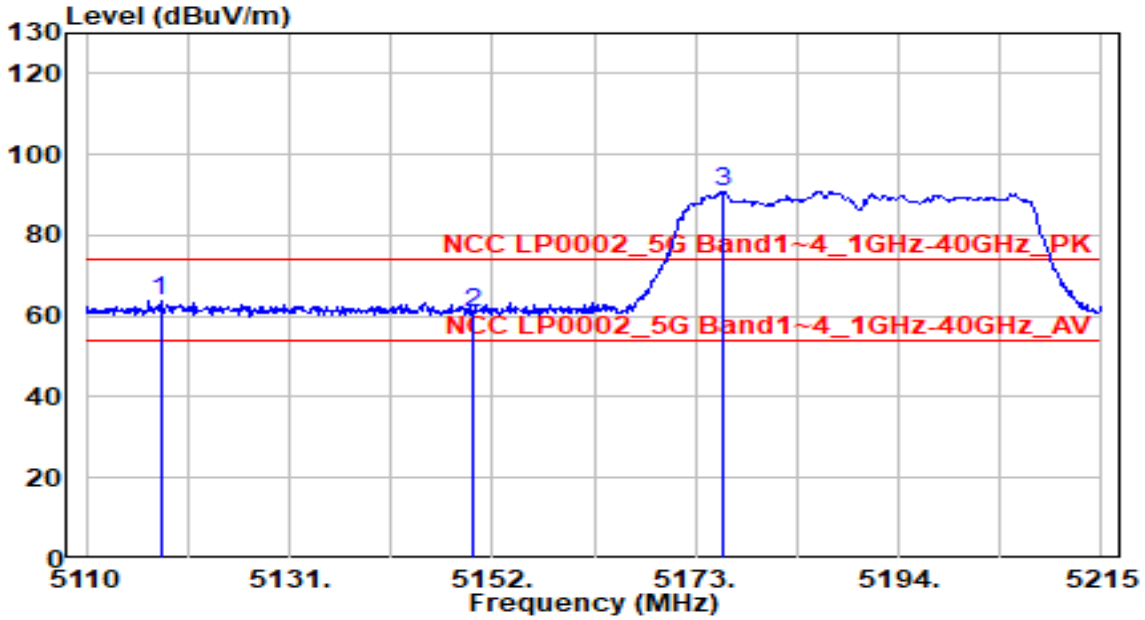


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5819.820	110.17	1.40	111.57	N/A	N/A	205	260	Peak
2		5850.000	62.19	1.43	63.62	-58.58	122.20	205	260	Peak
3		5855.000	61.04	1.43	62.47	-48.51	110.98	205	260	Peak
4		5875.000	61.41	1.45	62.86	-42.34	105.20	205	260	Peak
5		5925.000	59.85	1.50	61.35	-6.85	68.20	205	260	Peak
6	*	5938.770	62.21	1.51	63.72	-4.48	68.20	205	260	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH38_ANT 0+1	Test Voltage	By Notebook PC

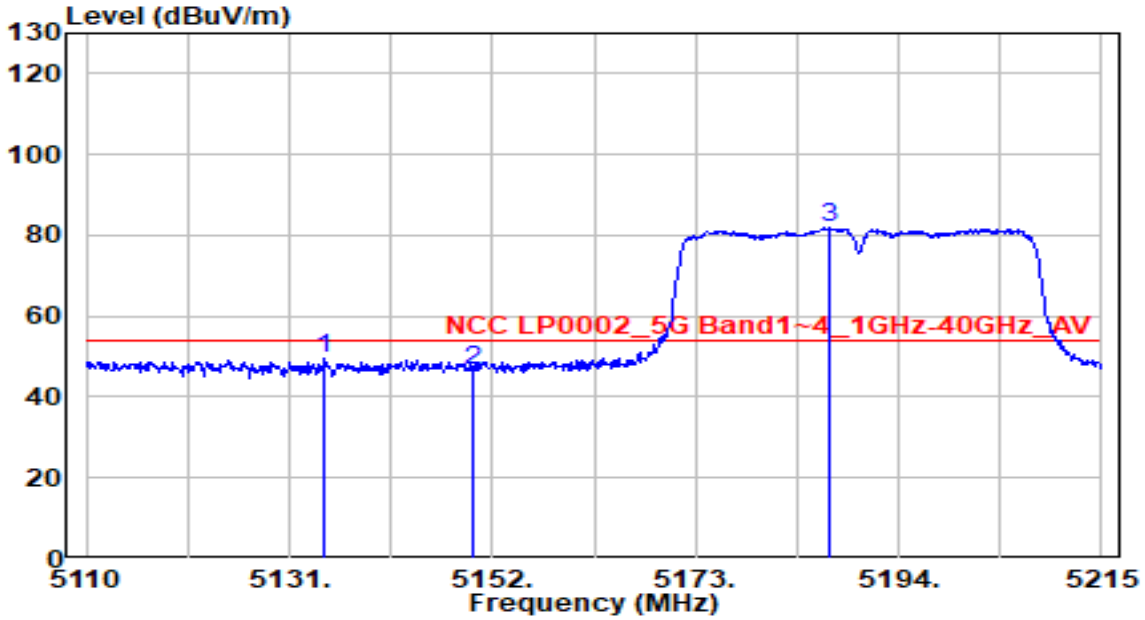


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5117.665	63.93	-0.10	63.83	-10.17	74.00	100	295	Peak
2		5150.000	60.77	-0.11	60.66	-13.34	74.00	100	295	Peak
3		5175.835	91.03	-0.12	90.91	N/A	N/A	100	295	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH38_ANT 0+1	Test Voltage	By Notebook PC

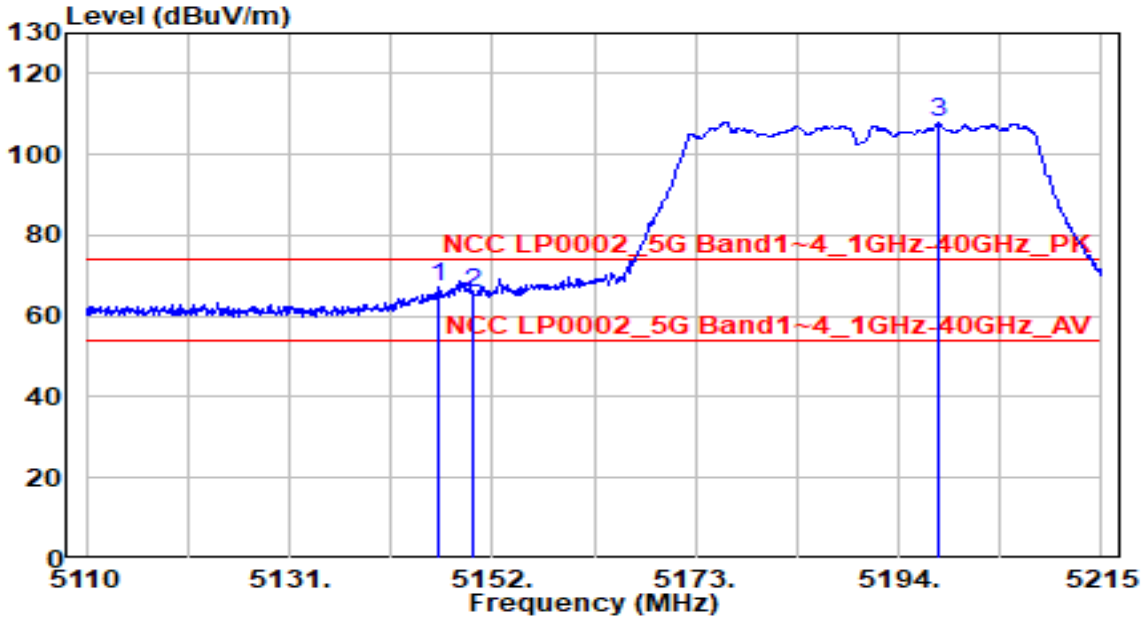


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5134.675	49.41	-0.11	49.31	-4.69	54.00	100	295	Average
2		5150.000	46.94	-0.11	46.83	-7.17	54.00	100	295	Average
3		5186.755	82.24	-0.12	82.13	N/A	N/A	100	295	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH38_ANT 0+1	Test Voltage	By Notebook PC

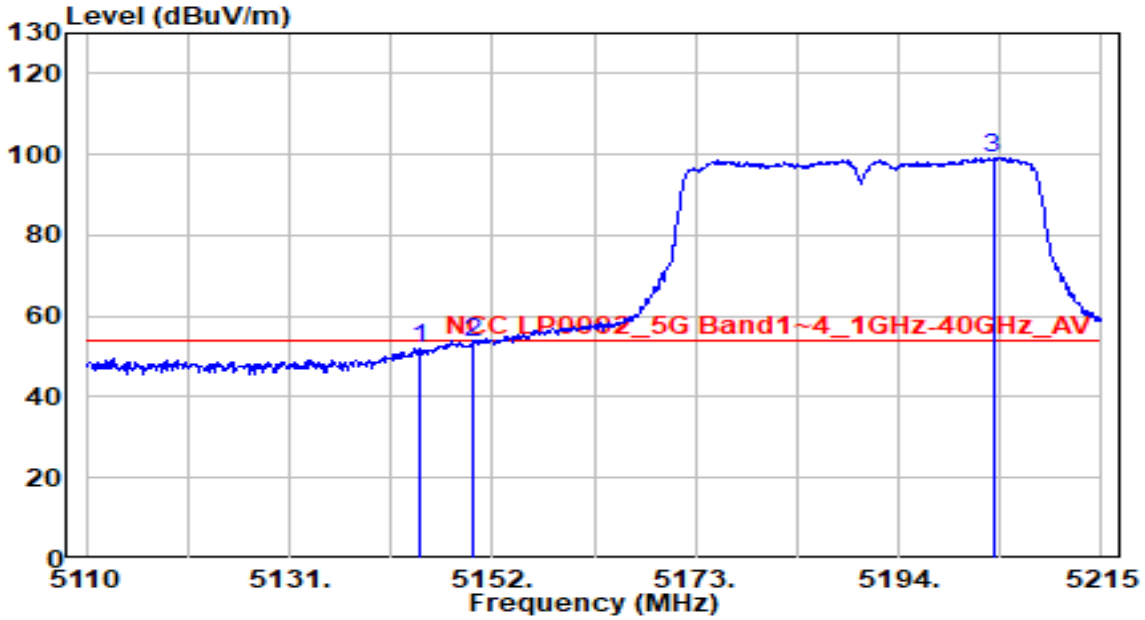


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.435	67.31	-0.11	67.20	-6.80	74.00	195	265	Peak
2		5150.000	65.91	-0.11	65.80	-8.20	74.00	195	265	Peak
3		5198.200	108.12	-0.12	108.00	N/A	N/A	195	265	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH38_ANT 0+1	Test Voltage	By Notebook PC

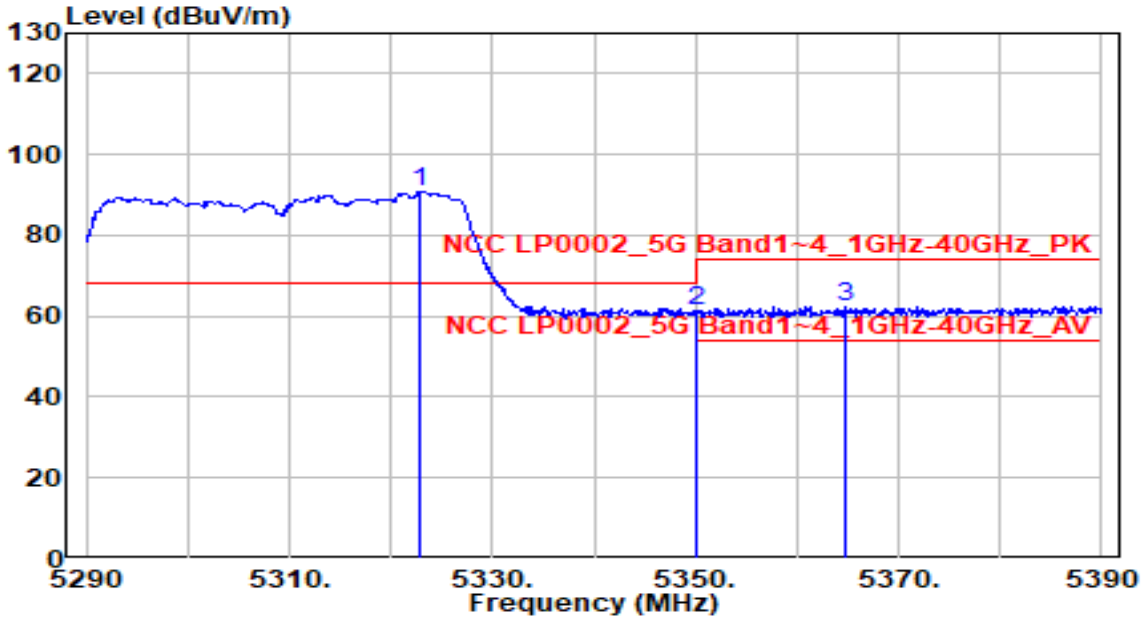


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5144.545	51.94	-0.11	51.83	-2.17	54.00	195	265	Average
2	*	5150.005	53.47	-0.11	53.36	-0.64	54.00	195	265	Average
3		5203.765	99.22	-0.12	99.10	N/A	N/A	195	265	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band2_CH62_ANT 0+1	Test Voltage	By Notebook PC

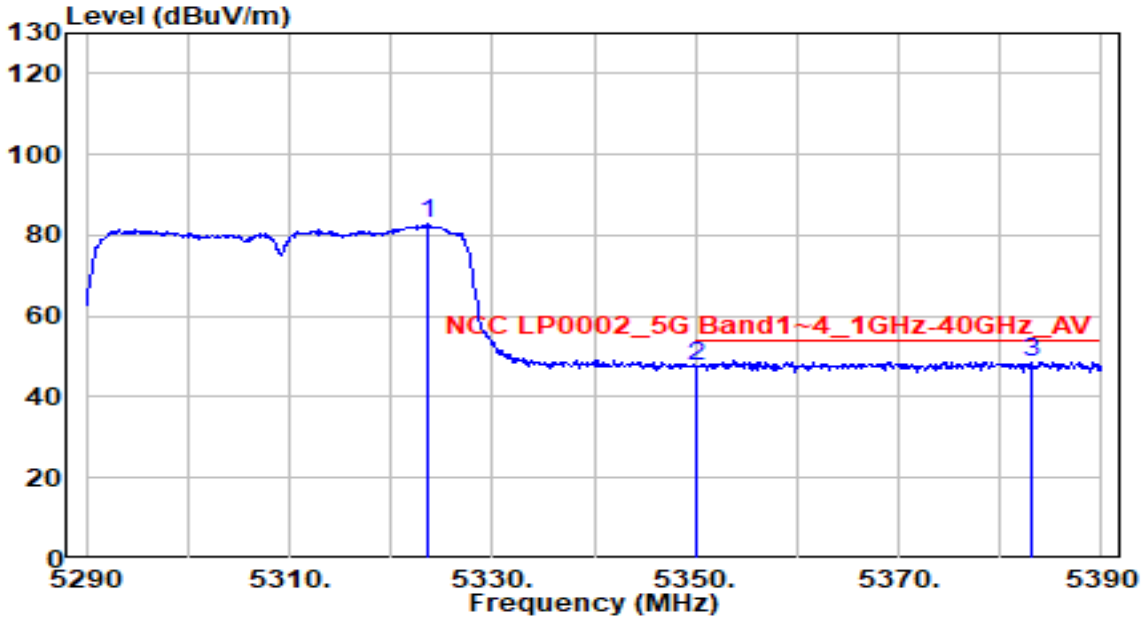


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5322.900	91.00	-0.13	90.87	N/A	N/A	115	295	Peak
2	*	5350.000	61.42	-0.13	61.29	-6.91	68.20	115	295	Peak
3		5364.800	62.67	-0.13	62.53	-11.47	74.00	115	295	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band2_CH62_ANT 0+1	Test Voltage	By Notebook PC

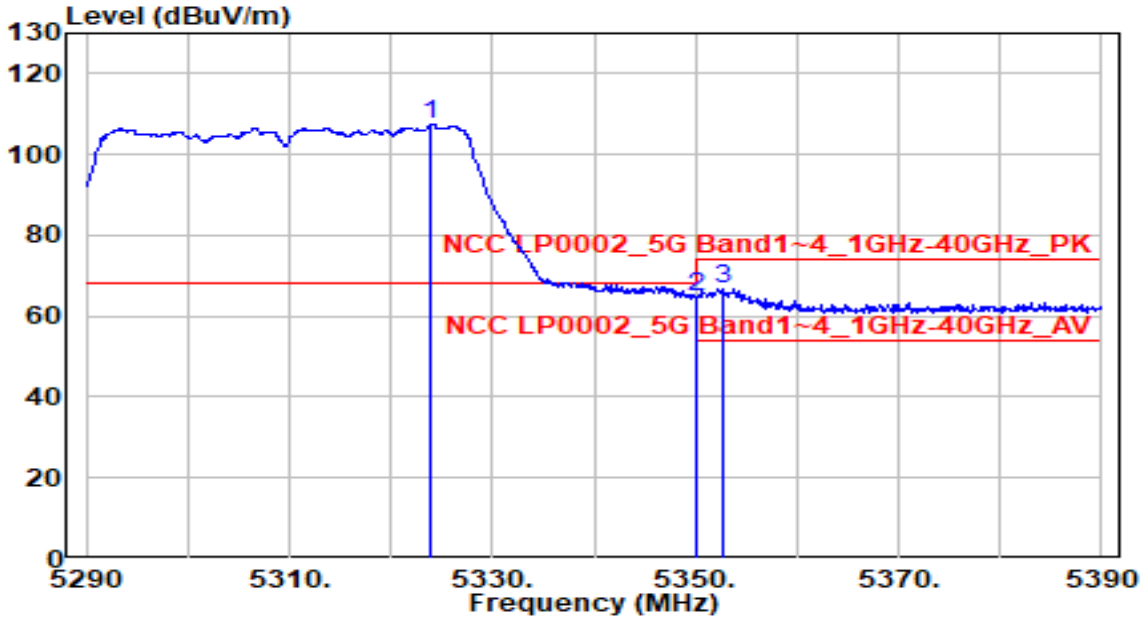


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5323.600	82.88	-0.13	82.74	N/A	N/A	115	295	Average
2		5350.000	47.84	-0.13	47.70	-6.30	54.00	115	295	Average
3	*	5383.100	48.76	-0.13	48.62	-5.38	54.00	115	295	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band2_CH62_ANT 0+1	Test Voltage	By Notebook PC

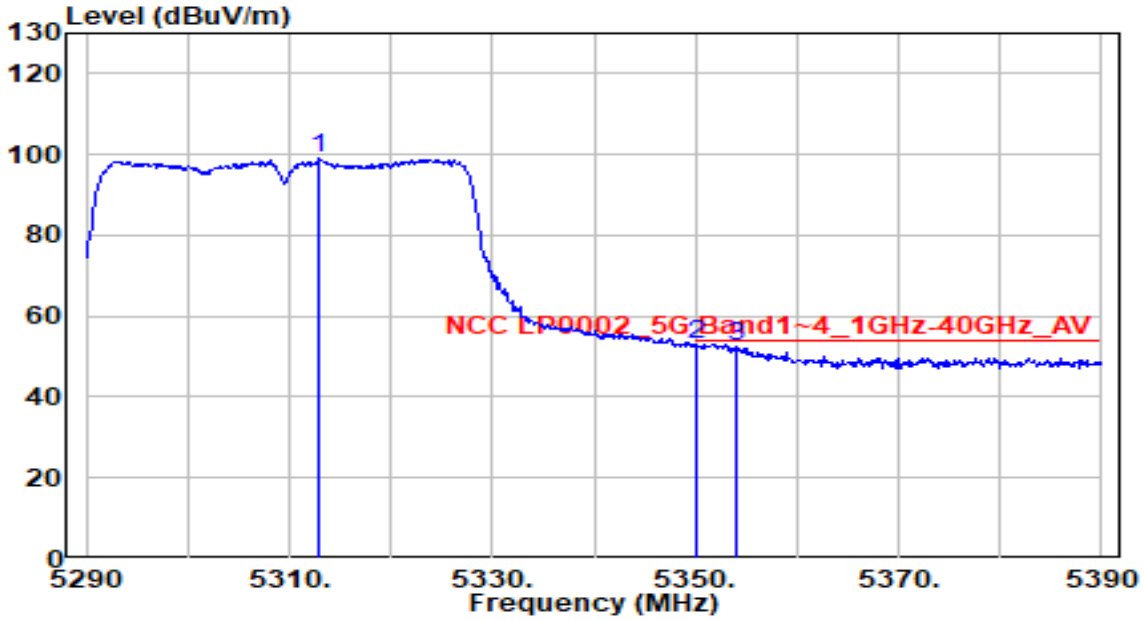


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5324.000	107.77	-0.13	107.63	N/A	N/A	165	285	Peak
2	*	5350.000	65.09	-0.13	64.96	-3.24	68.20	165	285	Peak
3		5352.800	66.77	-0.13	66.64	-7.36	74.00	165	285	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band2_CH62_ANT 0+1	Test Voltage	By Notebook PC

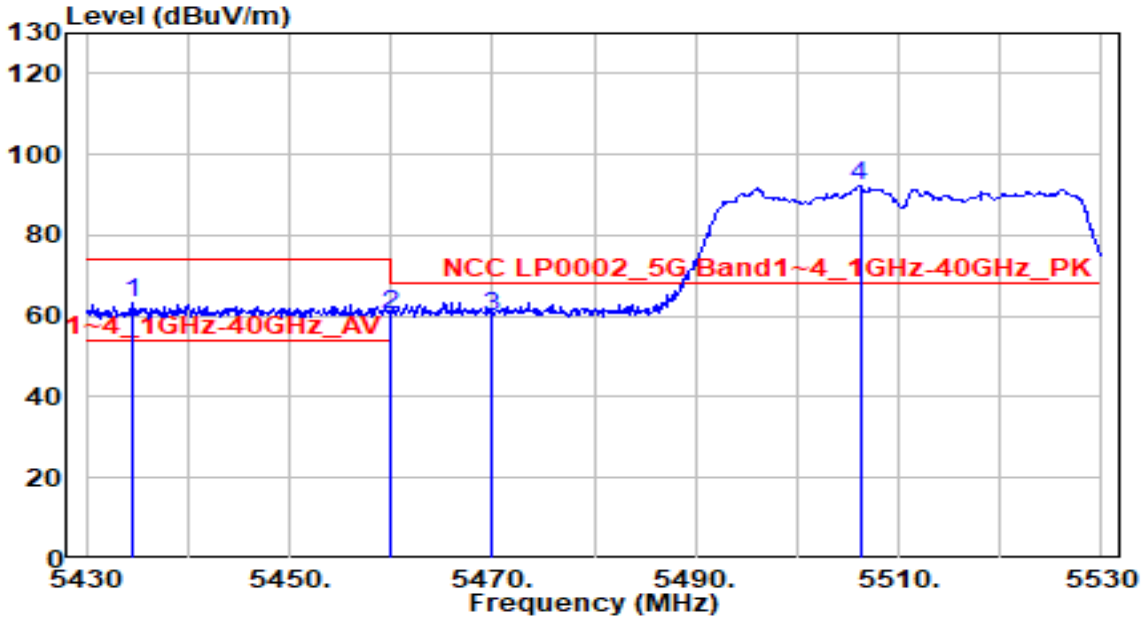


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5312.900	99.03	-0.13	98.89	N/A	N/A	165	285	Average
2	*	5350.000	53.03	-0.13	52.90	-1.10	54.00	165	285	Average
3		5353.900	52.46	-0.13	52.33	-1.67	54.00	165	285	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH102_ANT 0+1	Test Voltage	By Notebook PC

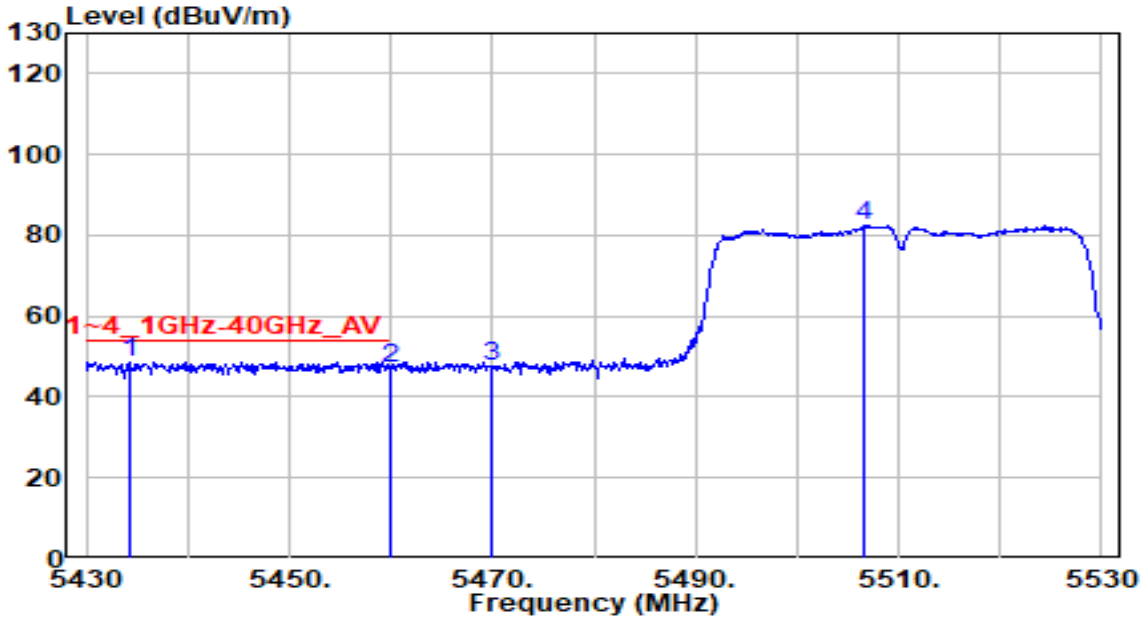


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5434.600	63.08	-0.01	63.07	-10.93	74.00	110	290	Peak
2	*	5460.000	60.28	0.08	60.36	-7.84	68.20	110	290	Peak
3		5470.000	59.82	0.11	59.94	-8.26	68.20	110	290	Peak
4		5506.200	91.81	0.24	92.04	N/A	N/A	110	290	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH102_ANT 0+1	Test Voltage	By Notebook PC

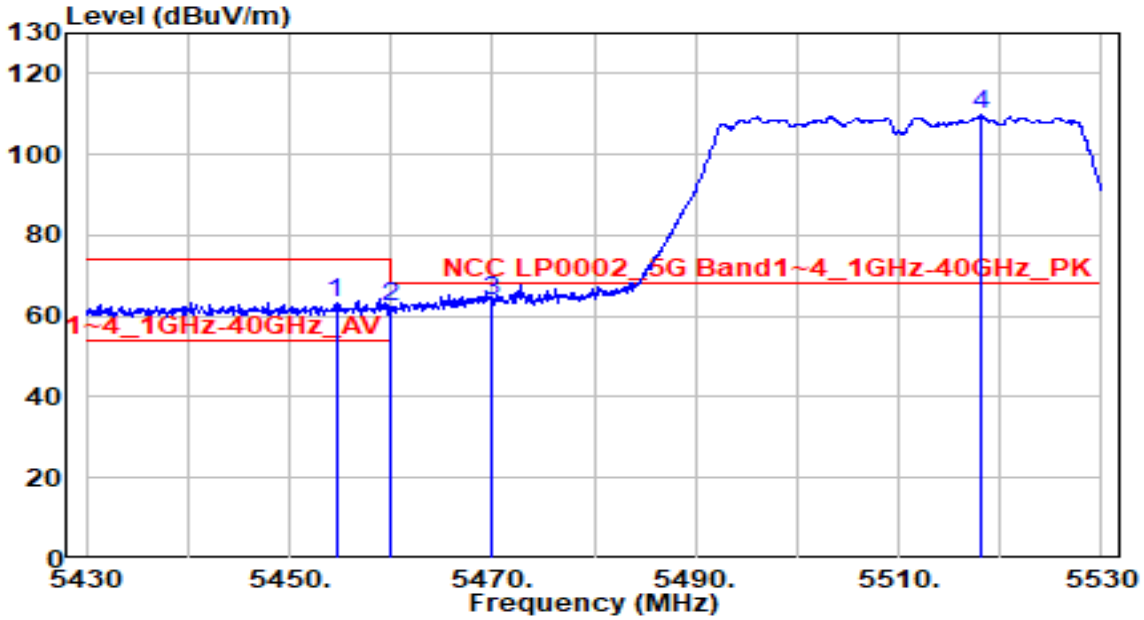


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5434.200	48.57	-0.01	48.55	-5.45	54.00	110	290	Average
2		5460.000	46.99	0.08	47.07	-6.93	54.00	110	290	Average
3		5470.000	47.51	0.11	47.62	N/A	N/A	110	290	Average
4		5506.700	82.25	0.24	82.49	N/A	N/A	110	290	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH102_ANT 0+1	Test Voltage	By Notebook PC

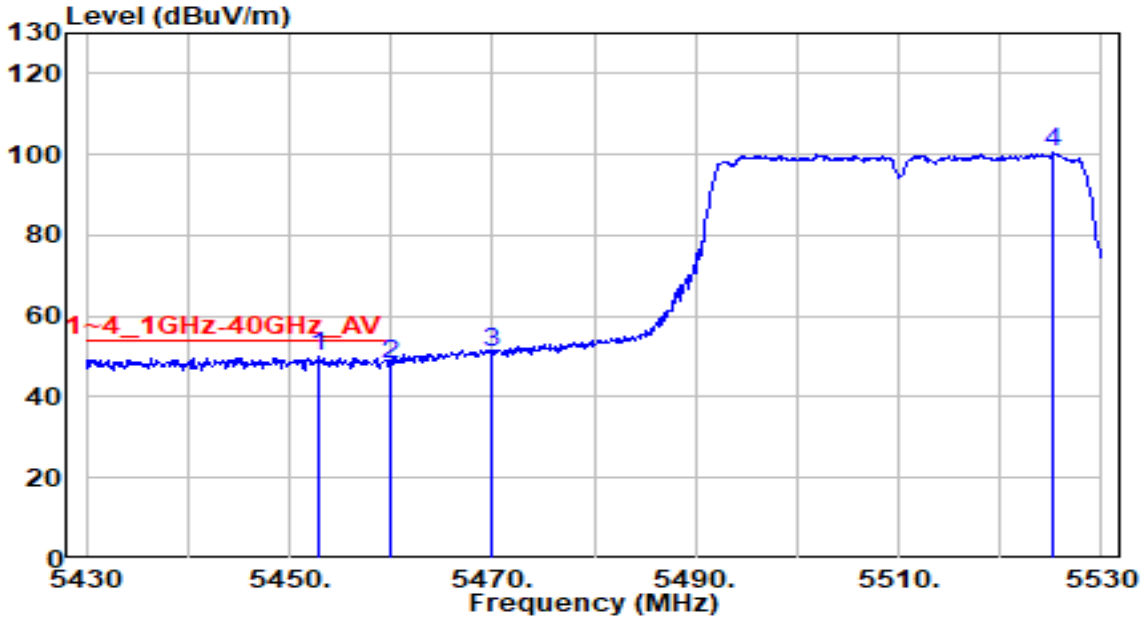


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5454.600	63.33	0.06	63.39	-10.61	74.00	165	285	Peak
2		5460.000	62.34	0.08	62.41	-5.79	68.20	165	285	Peak
3	*	5470.000	63.70	0.11	63.81	-4.39	68.20	165	285	Peak
4		5518.000	109.58	0.28	109.86	N/A	N/A	165	285	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH102_ANT 0+1	Test Voltage	By Notebook PC

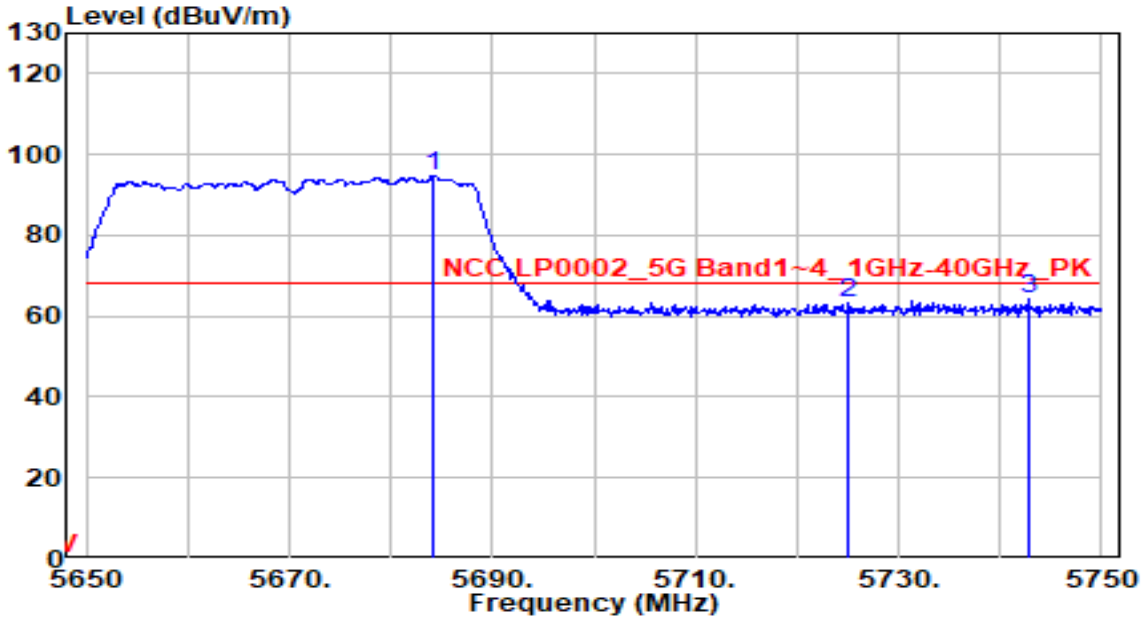


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5452.900	50.12	0.05	50.17	-3.83	54.00	165	285	Average
2		5460.000	47.99	0.08	48.06	-5.94	54.00	165	285	Average
3		5470.000	50.85	0.11	50.96	N/A	N/A	165	285	Average
4		5525.100	100.05	0.30	100.35	N/A	N/A	165	285	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH134_ANT 0+1	Test Voltage	By Notebook PC

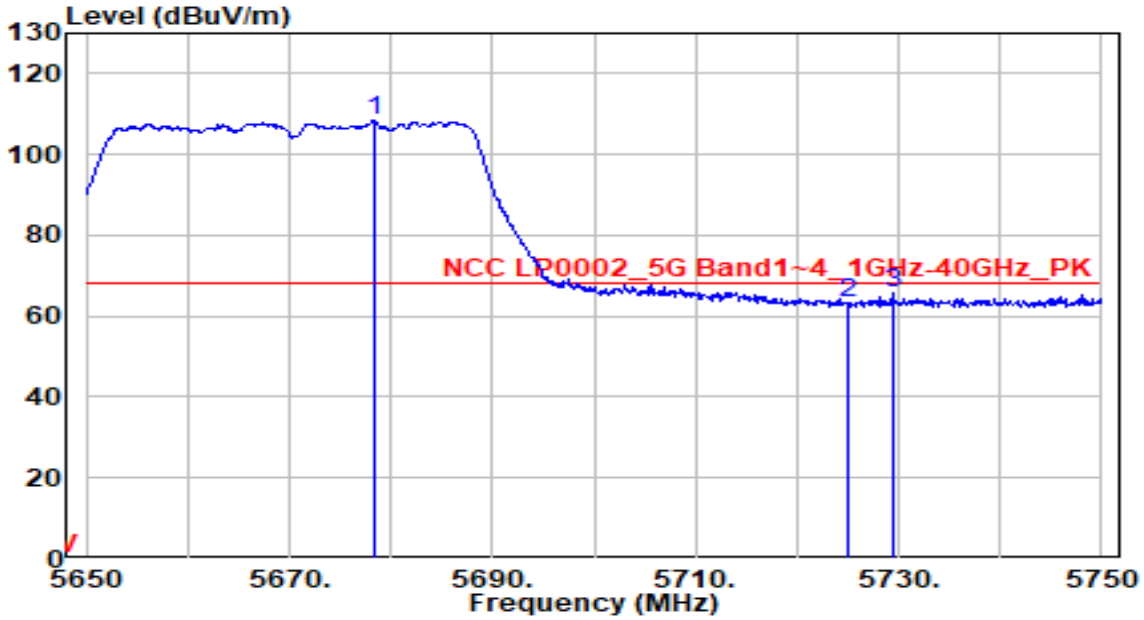


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5684.200	94.00	0.91	94.91	N/A	N/A	105	360	Peak
2		5725.000	62.45	1.08	63.53	-4.67	68.20	105	360	Peak
3	*	5742.800	63.21	1.15	64.36	-3.84	68.20	105	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band3_CH134_ANT 0+1	Test Voltage	By Notebook PC

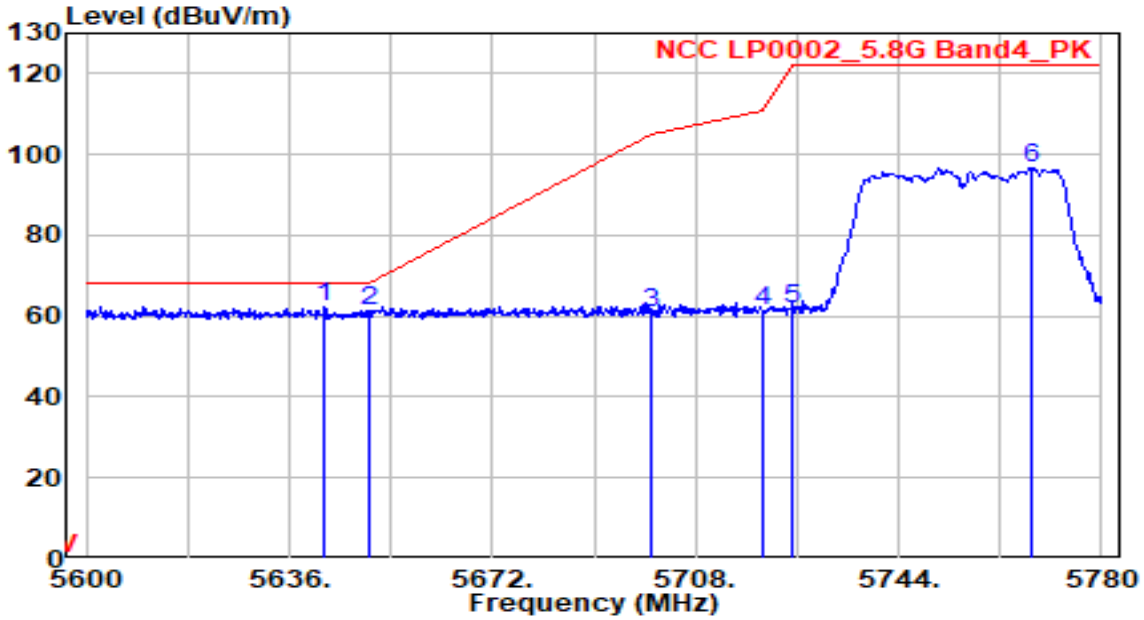


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5678.300	107.46	0.89	108.34	N/A	N/A	165	285	Peak
2		5725.000	62.26	1.08	63.34	-4.86	68.20	165	285	Peak
3	*	5729.400	64.43	1.09	65.53	-2.67	68.20	165	285	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH151_ANT 0+1	Test Voltage	By Notebook PC

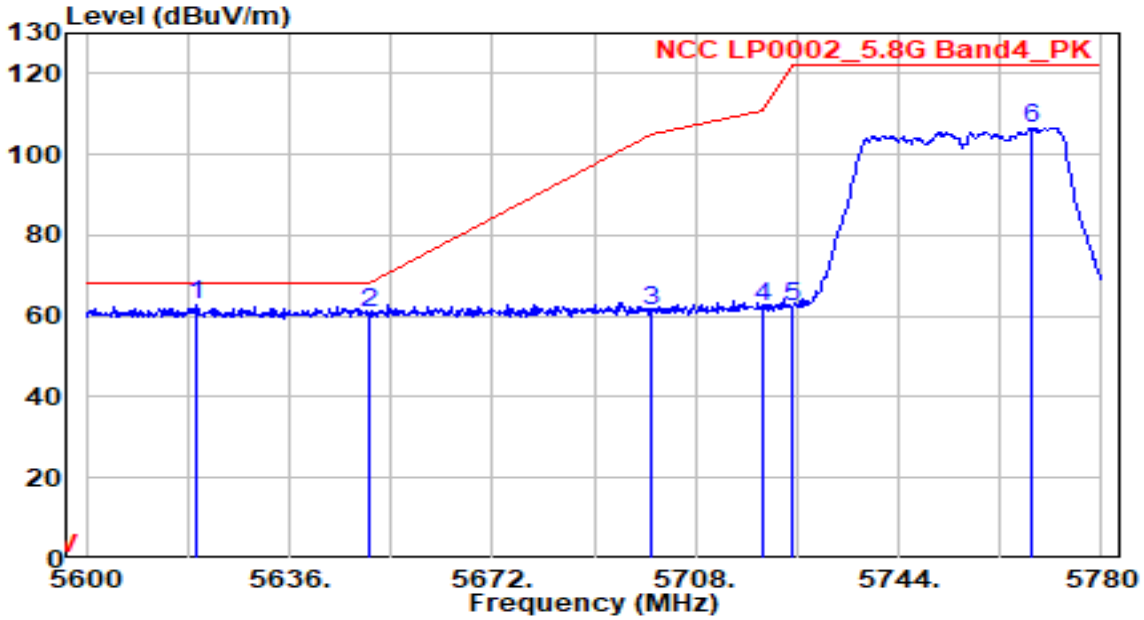


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5642.120	61.80	0.74	62.54	-5.66	68.20	100	5	Peak
2		5650.040	60.60	0.77	61.37	-6.86	68.23	100	5	Peak
3		5700.000	59.71	0.97	60.68	-44.52	105.20	100	5	Peak
4		5720.000	60.50	1.06	61.56	-49.24	110.80	100	5	Peak
5		5725.000	60.74	1.08	61.82	-60.38	122.20	100	5	Peak
6		5767.400	95.32	1.25	96.56	N/A	N/A	100	5	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH151_ANT 0+1	Test Voltage	By Notebook PC

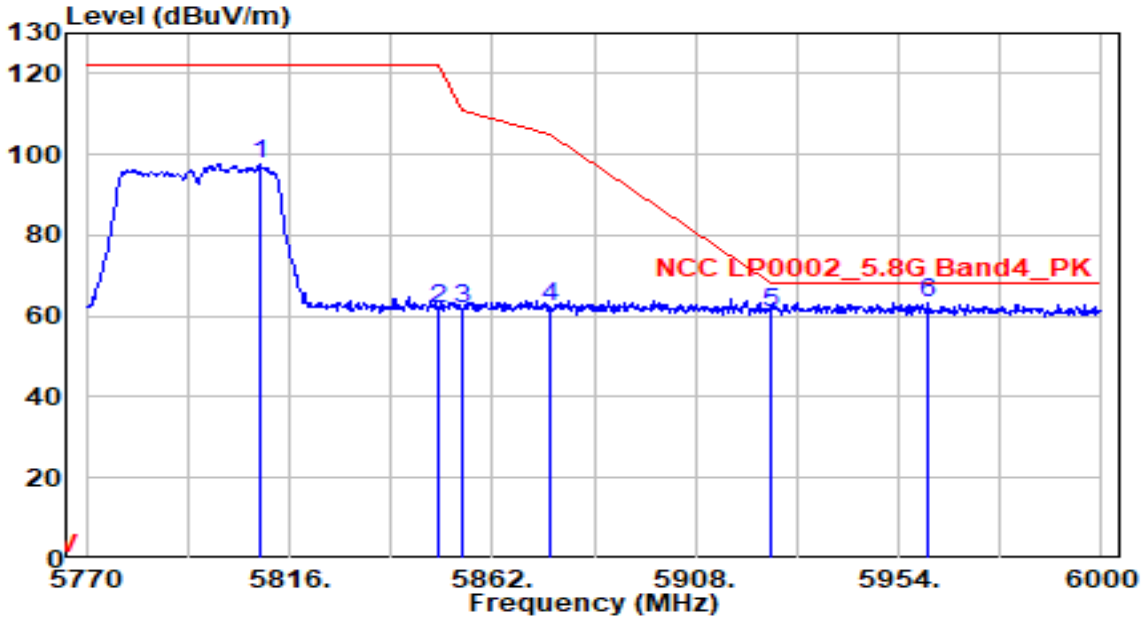


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5619.620	61.95	0.65	62.60	-5.60	68.20	220	0	Peak
2		5650.000	60.02	0.77	60.79	-7.41	68.20	220	0	Peak
3		5700.000	60.46	0.97	61.44	-43.76	105.20	220	0	Peak
4		5720.000	61.06	1.06	62.12	-48.68	110.80	220	0	Peak
5		5725.000	61.07	1.08	62.15	-60.05	122.20	220	0	Peak
6		5767.400	105.41	1.25	106.65	N/A	N/A	220	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH159_ANT 0+1	Test Voltage	By Notebook PC

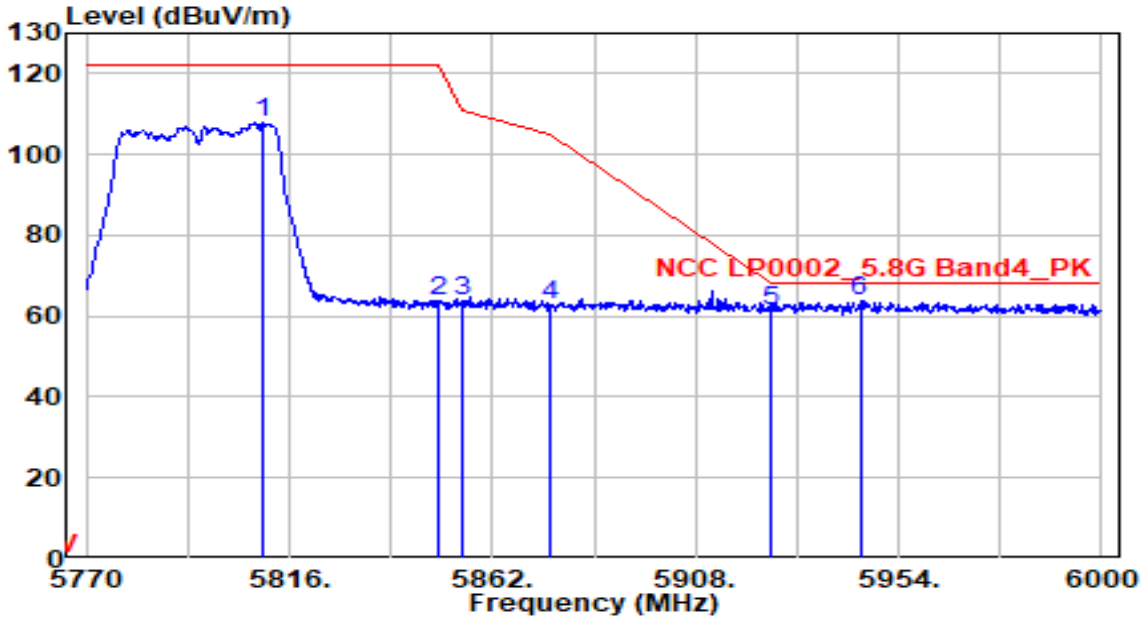


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5809.330	96.24	1.39	97.63	N/A	N/A	100	355	Peak
2		5850.000	60.46	1.43	61.89	-60.31	122.20	100	355	Peak
3		5855.000	60.22	1.43	61.65	-49.15	110.80	100	355	Peak
4		5875.000	61.09	1.45	62.54	-42.66	105.20	100	355	Peak
5		5925.000	59.45	1.50	60.95	-7.25	68.20	100	355	Peak
6	*	5960.670	61.69	1.53	63.22	-4.98	68.20	100	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH159_ANT 0+1	Test Voltage	By Notebook PC

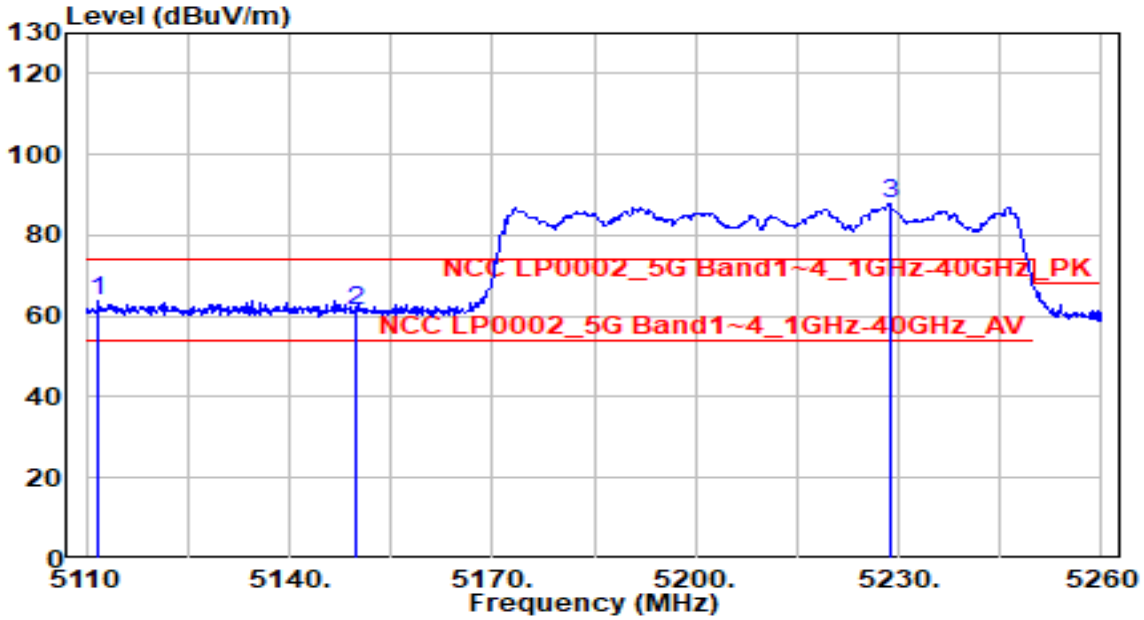


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5810.020	106.40	1.39	107.78	N/A	N/A	220	5	Peak
2		5850.000	62.47	1.43	63.90	-58.30	122.20	220	5	Peak
3		5855.000	62.38	1.43	63.82	-46.98	110.80	220	5	Peak
4		5875.000	61.25	1.45	62.71	-42.49	105.20	220	5	Peak
5		5925.000	59.98	1.50	61.48	-6.72	68.20	220	5	Peak
6	*	5945.260	62.49	1.52	64.01	-4.19	68.20	220	5	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH42_ANT 0+1	Test Voltage	By Notebook PC

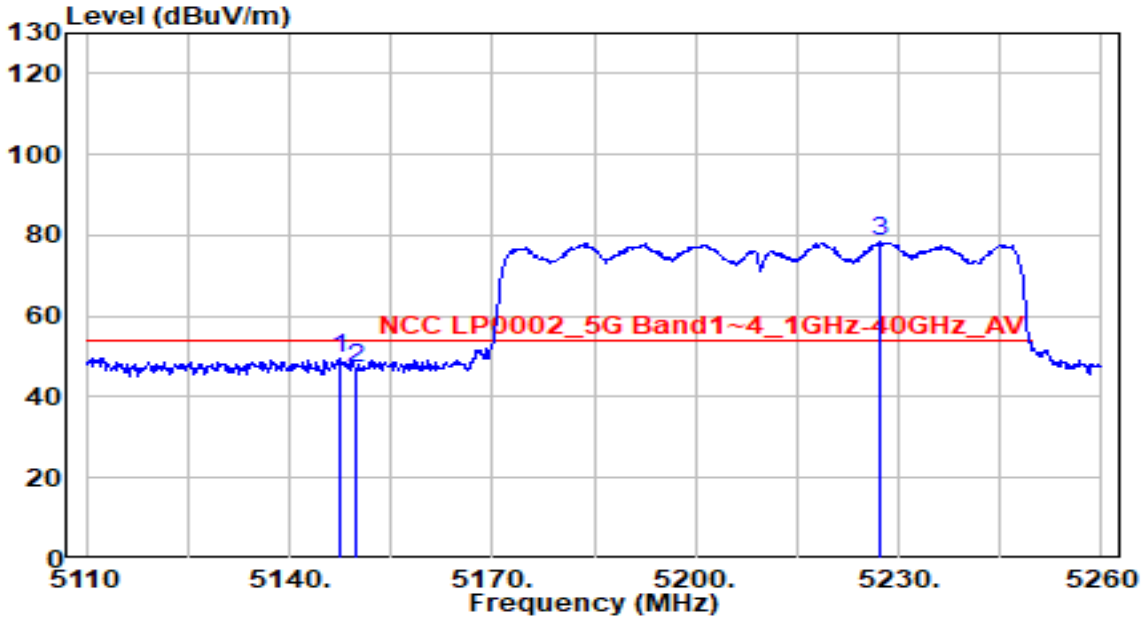


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5111.800	64.03	-0.10	63.93	-10.07	74.00	100	295	Peak
2		5150.000	61.51	-0.11	61.40	-12.60	74.00	100	295	Peak
3		5228.650	88.06	-0.12	87.94	N/A	N/A	100	295	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH42_ANT 0+1	Test Voltage	By Notebook PC

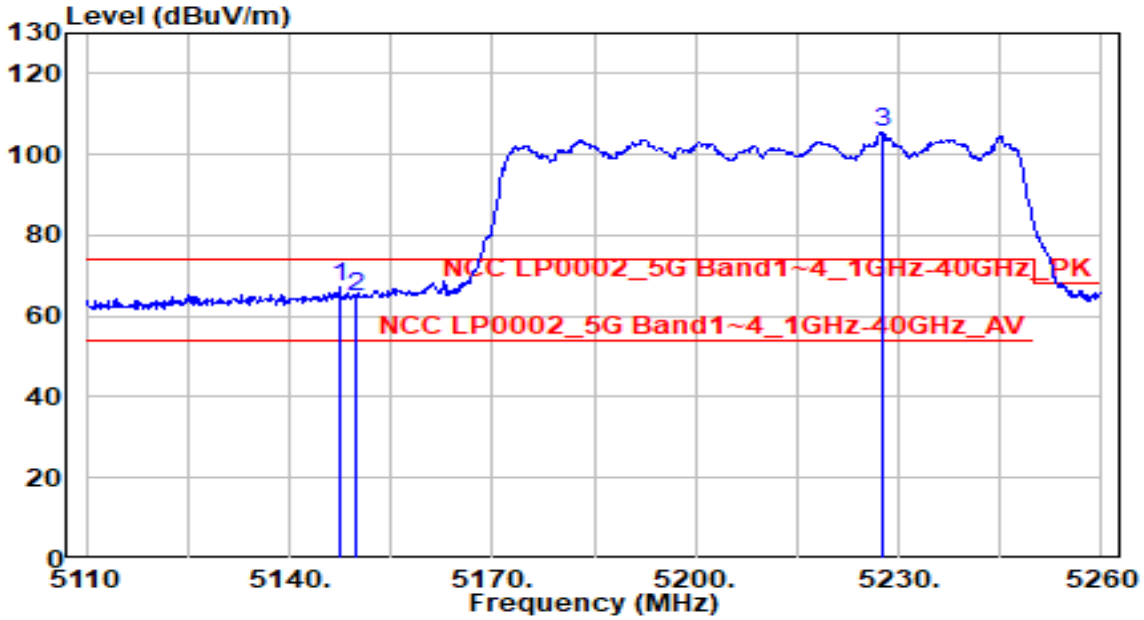


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.350	49.54	-0.11	49.43	-4.57	54.00	100	295	Average
2		5150.000	47.11	-0.11	47.00	-7.00	54.00	100	295	Average
3		5227.150	78.62	-0.12	78.50	N/A	N/A	100	295	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH42_ANT 0+1	Test Voltage	By Notebook PC

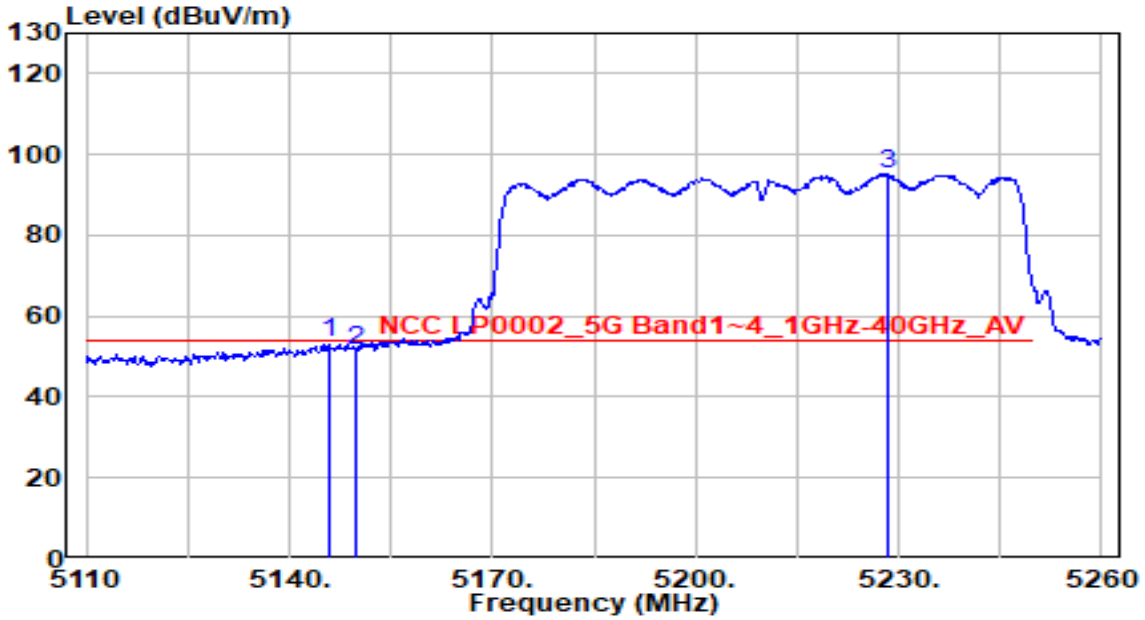


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.350	67.33	-0.11	67.22	-6.78	74.00	125	275	Peak
2		5150.000	65.07	-0.11	64.96	-9.04	74.00	125	275	Peak
3		5227.600	105.66	-0.12	105.54	N/A	N/A	125	275	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH42_ANT 0+1	Test Voltage	By Notebook PC

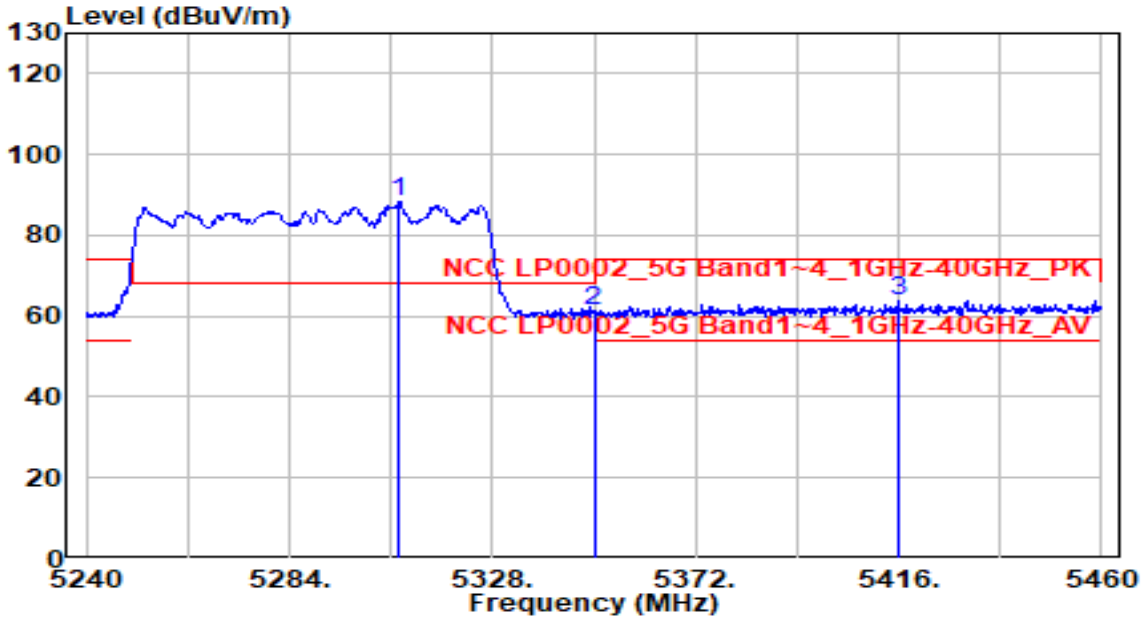


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5145.850	53.41	-0.11	53.30	-0.70	54.00	125	275	Average
2		5150.000	51.51	-0.11	51.40	-2.60	54.00	125	275	Average
3		5228.350	95.36	-0.12	95.23	N/A	N/A	125	275	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band2_CH58_ANT 0+1	Test Voltage	By Notebook PC

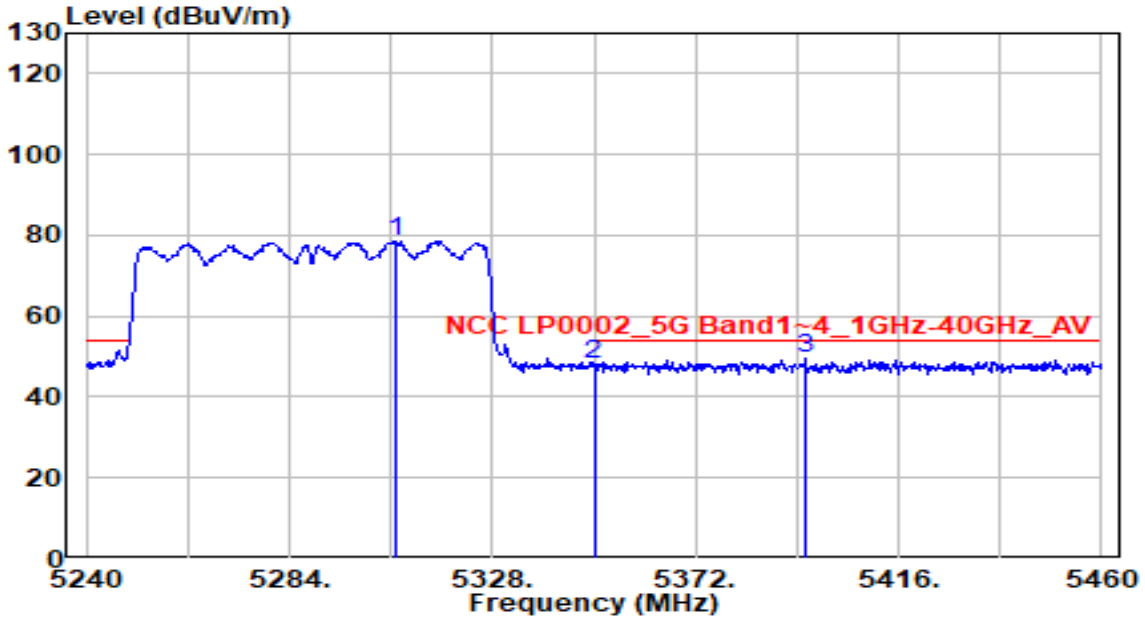


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5307.760	88.43	-0.13	88.30	N/A	N/A	120	290	Peak
2	*	5350.000	61.58	-0.13	61.45	-6.75	68.20	120	290	Peak
3		5415.780	64.01	-0.08	63.93	-10.07	74.00	120	290	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band2_CH58_ANT 0+1	Test Voltage	By Notebook PC

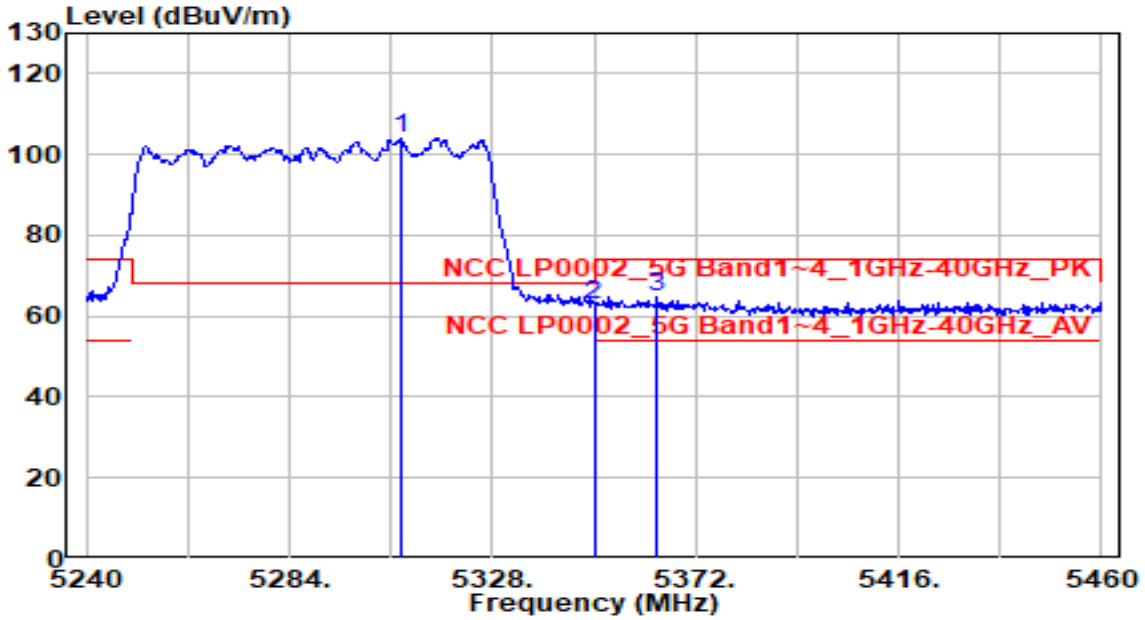


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5307.320	78.65	-0.13	78.52	N/A	N/A	120	290	Average
2		5350.000	48.40	-0.13	48.26	-5.74	54.00	120	290	Average
3	*	5395.760	49.47	-0.13	49.34	-4.66	54.00	120	290	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band2_CH58_ANT 0+1	Test Voltage	By Notebook PC

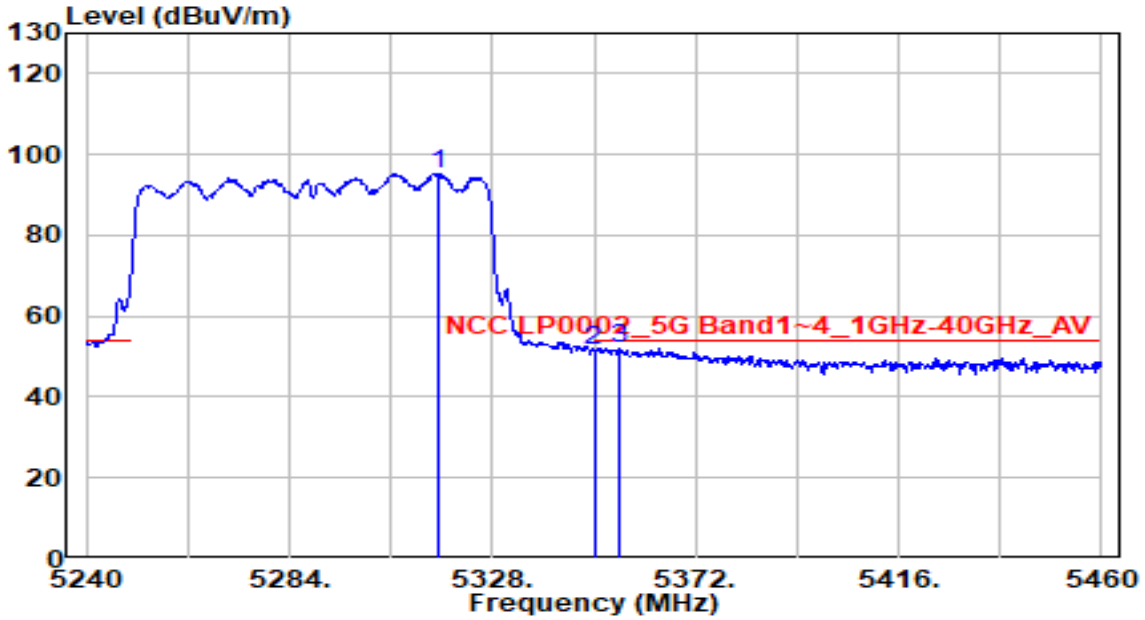


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5308.200	104.32	-0.13	104.19	N/A	N/A	115	235	Peak
2	*	5350.000	63.08	-0.13	62.94	-5.26	68.20	115	235	Peak
3		5363.640	64.95	-0.13	64.81	-9.19	74.00	115	235	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band2_CH58_ANT 0+1	Test Voltage	By Notebook PC

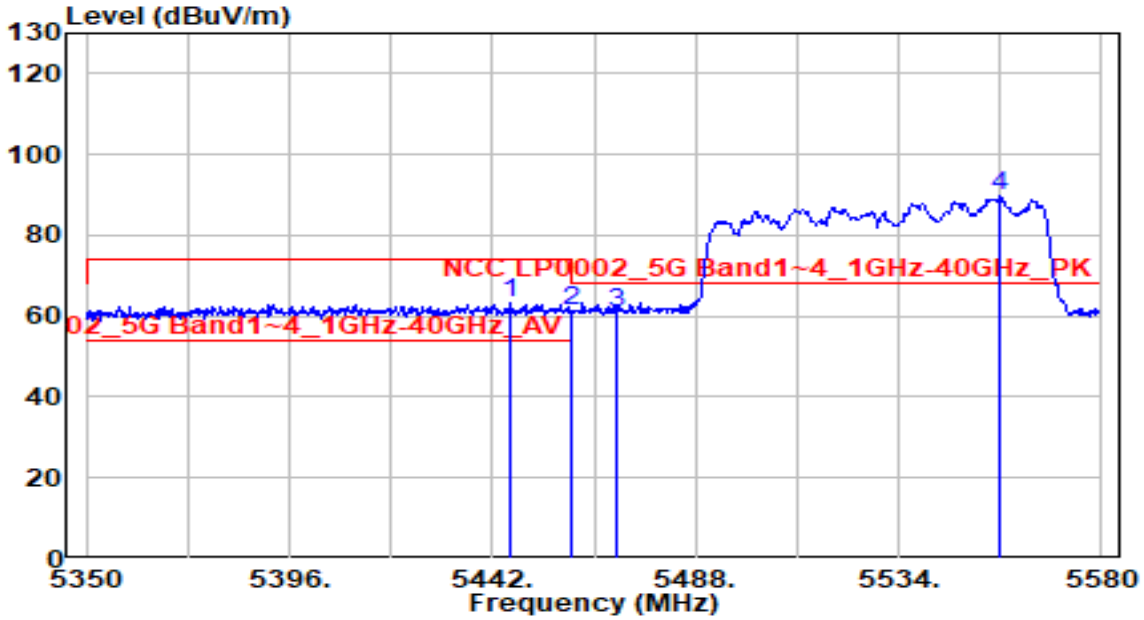


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5316.120	95.49	-0.13	95.36	N/A	N/A	115	235	Average
2		5350.000	51.73	-0.13	51.60	-2.40	54.00	115	235	Average
3	*	5355.280	52.11	-0.13	51.97	-2.03	54.00	115	235	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH106_ANT 0+1	Test Voltage	By Notebook PC

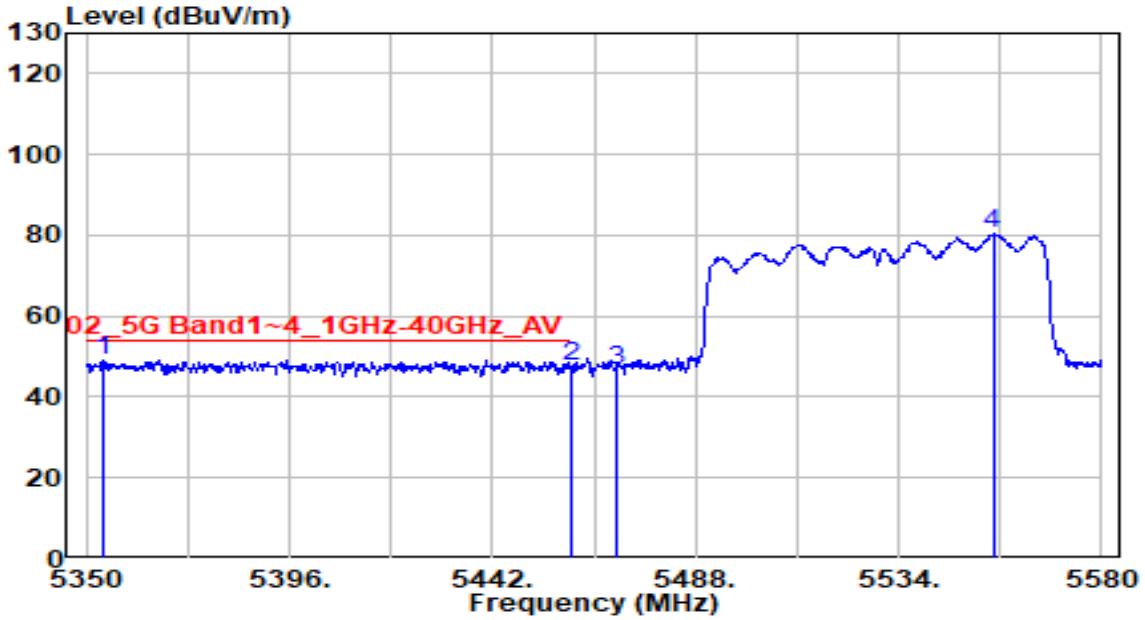


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5446.140	63.07	0.03	63.10	-10.90	74.00	110	10	Peak
2	*	5460.000	61.44	0.08	61.51	-6.69	68.20	110	10	Peak
3		5470.000	60.54	0.11	60.65	-7.55	68.20	110	10	Peak
4		5557.000	89.27	0.42	89.69	N/A	N/A	110	10	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH106_ANT 0+1	Test Voltage	By Notebook PC

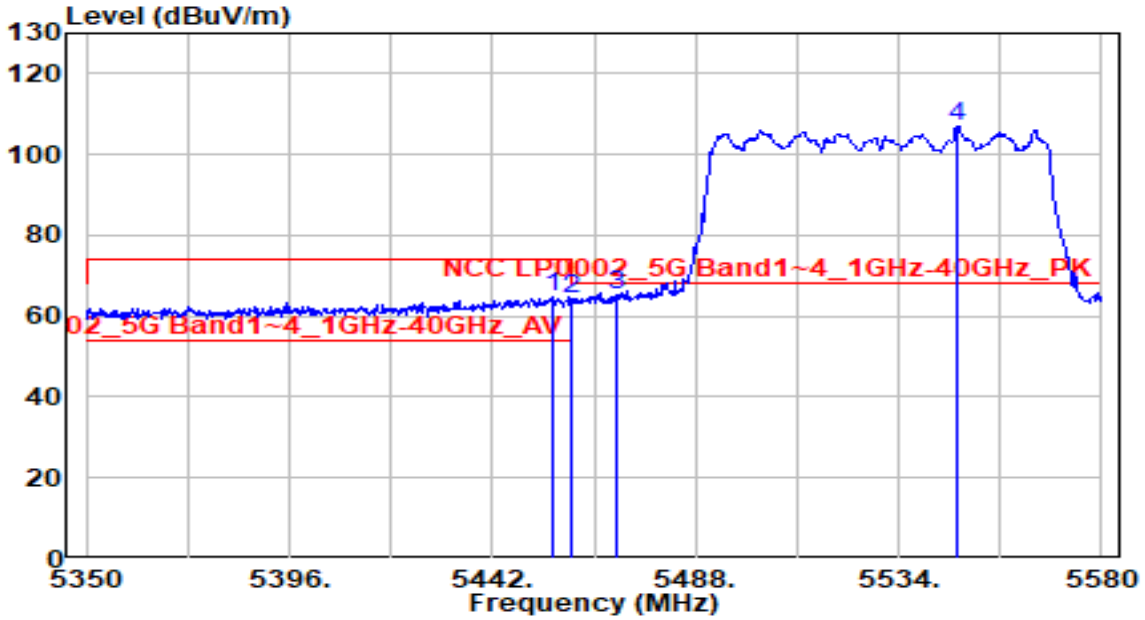


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5353.910	49.35	-0.13	49.22	-4.78	54.00	110	10	Average
2		5460.000	47.55	0.08	47.62	-6.38	54.00	110	10	Average
3		5470.000	46.43	0.11	46.54	N/A	N/A	110	10	Average
4		5555.390	80.01	0.41	80.42	N/A	N/A	110	10	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH106_ANT 0+1	Test Voltage	By Notebook PC

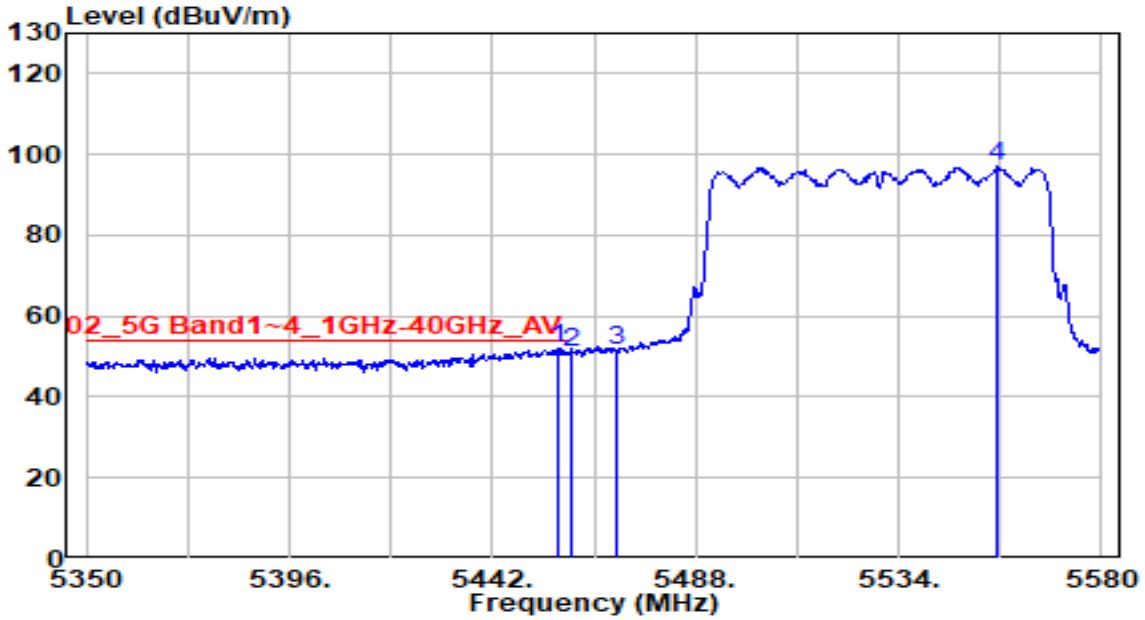


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5455.570	64.85	0.06	64.91	-9.09	74.00	170	280	Peak
2		5460.000	64.23	0.08	64.31	-3.89	68.20	170	280	Peak
3	*	5470.000	65.26	0.11	65.38	-2.82	68.20	170	280	Peak
4		5547.340	106.56	0.38	106.94	N/A	N/A	170	280	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band3_CH106_ANT 0+1	Test Voltage	By Notebook PC

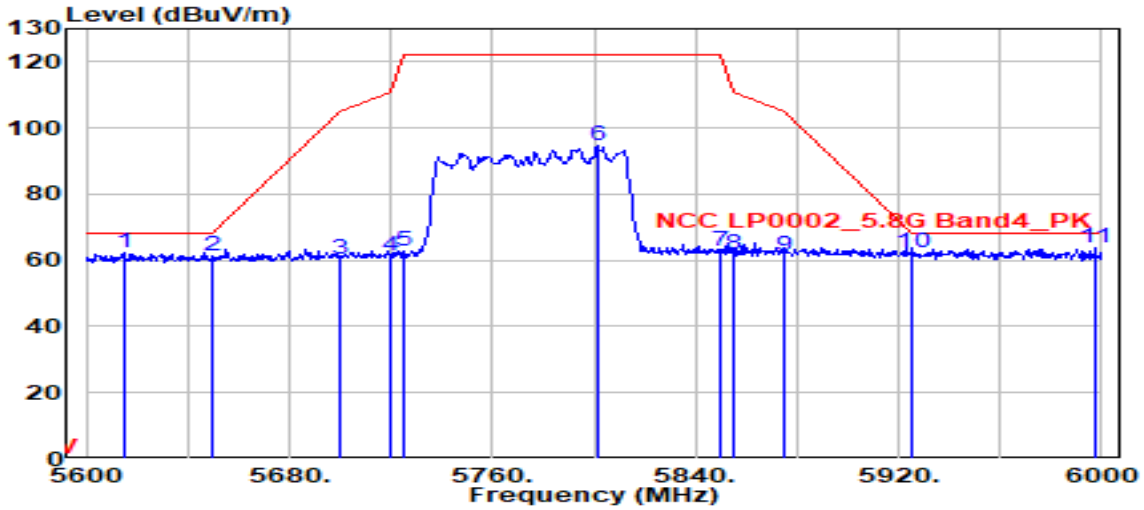


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5456.950	51.85	0.07	51.92	-2.08	54.00	170	280	Average
2		5460.000	51.09	0.08	51.17	-2.83	54.00	170	280	Average
3		5470.000	51.26	0.11	51.37	N/A	N/A	170	280	Average
4		5556.540	96.47	0.42	96.89	N/A	N/A	170	280	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band4_CH155_ANT 0+1	Test Voltage	By Notebook PC

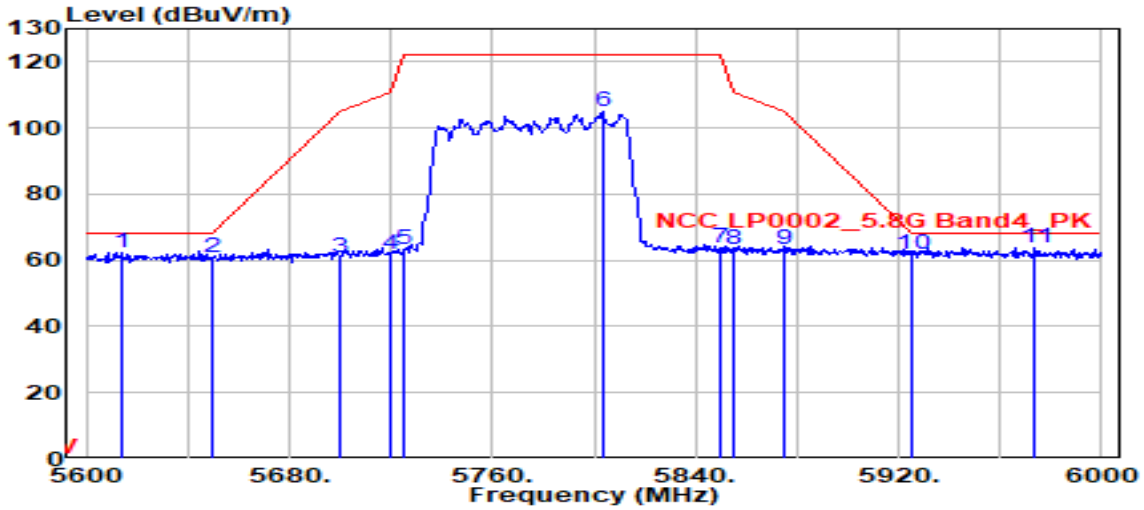


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5614.800	61.43	0.63	62.06	-6.14	68.20	110	10	Peak
2		5650.000	60.37	0.77	61.15	-7.05	68.20	110	10	Peak
3		5700.000	59.48	0.97	60.45	-44.75	105.20	110	10	Peak
4		5720.000	60.09	1.06	61.14	-49.66	110.80	110	10	Peak
5		5725.000	61.55	1.08	62.63	-59.57	122.20	110	10	Peak
6		5801.200	93.27	1.38	94.65	N/A	N/A	110	10	Peak
7		5850.000	61.31	1.43	62.73	-59.47	122.20	110	10	Peak
8		5855.000	60.33	1.43	61.76	-49.04	110.80	110	10	Peak
9		5875.000	60.09	1.45	61.55	-43.65	105.20	110	10	Peak
10		5925.000	60.62	1.50	62.12	-6.08	68.20	110	10	Peak
11	*	5997.600	62.12	1.57	63.69	-4.51	68.20	110	10	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1300 Dual Antennas High Gain Wireless USB Adapter	Date of Test	2021-11-25
Factor	DRH18-E	Temp. / Humidity	23.9°C /70%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band4_CH155_ANT 0+1	Test Voltage	By Notebook PC



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5614.400	61.86	0.63	62.49	-5.71	68.20	220	0	Peak
2		5650.000	60.19	0.77	60.96	-7.24	68.20	220	0	Peak
3		5700.000	59.83	0.97	60.81	-44.39	105.20	220	0	Peak
4		5720.000	60.63	1.06	61.68	-49.12	110.80	220	0	Peak
5		5725.000	62.36	1.08	63.44	-58.76	122.20	220	0	Peak
6		5803.200	103.47	1.38	104.85	N/A	N/A	220	0	Peak
7		5850.000	62.21	1.43	63.63	-58.57	122.20	220	0	Peak
8		5855.000	61.91	1.43	63.34	-47.46	110.80	220	0	Peak
9		5875.000	61.84	1.45	63.29	-41.91	105.20	220	0	Peak
10		5925.000	60.30	1.50	61.80	-6.40	68.20	220	0	Peak
11	*	5973.600	62.13	1.54	63.67	-4.53	68.20	220	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

5.6 占用頻寬

5.6.1 量測方法

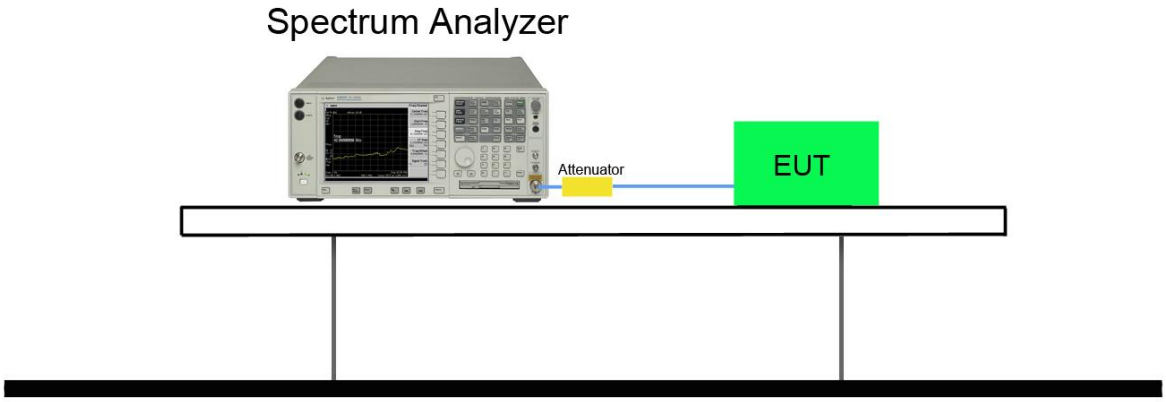
待測物之天線埠經由適當之衰減直接連至頻譜分析儀RF輸入端，頻譜分析儀之設定,參考如下:

(1) Set RBW = 100 kHz
(2) VBW ≥ 3 × RBW
(3) Detector = Peak
(4) Trace mode = max hold
(5) Sweep = auto couple

5.6.2 限制要求

6dB頻寬至少應有500kHz。

5.6.3 測試架構圖



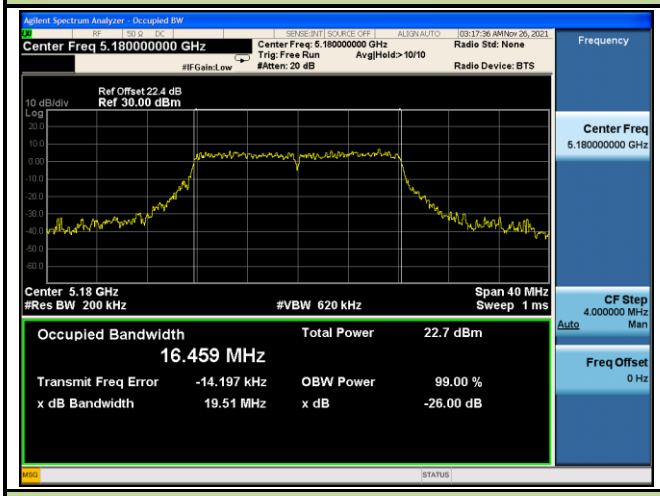
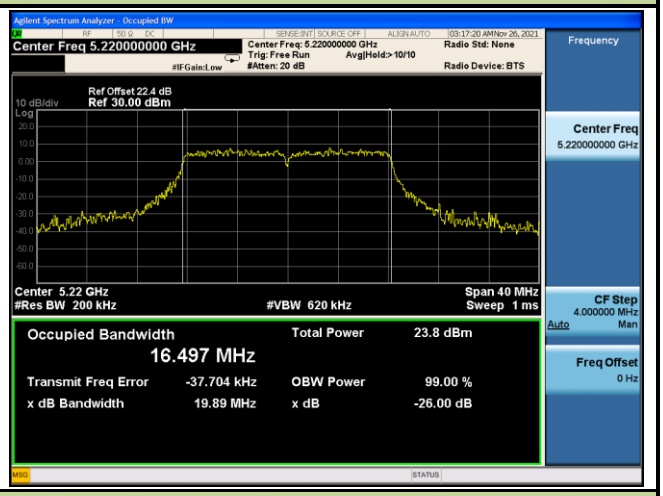
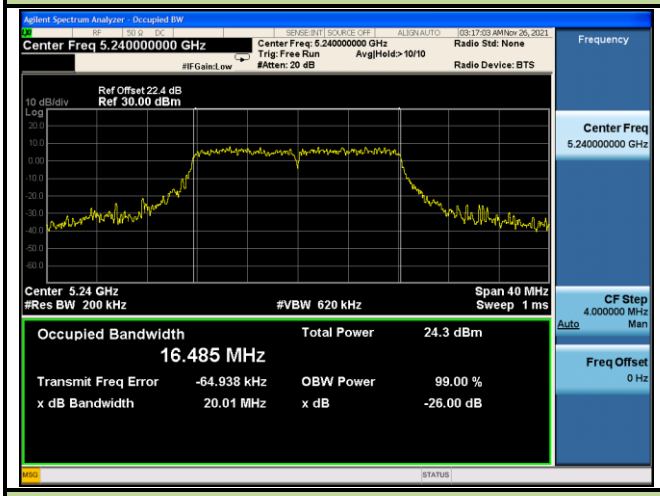
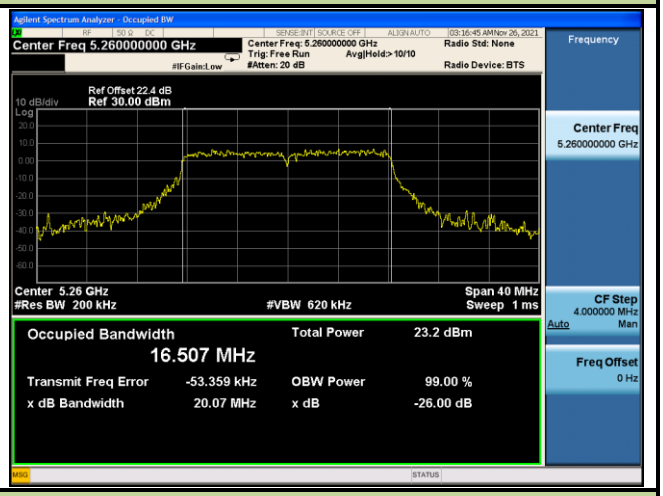
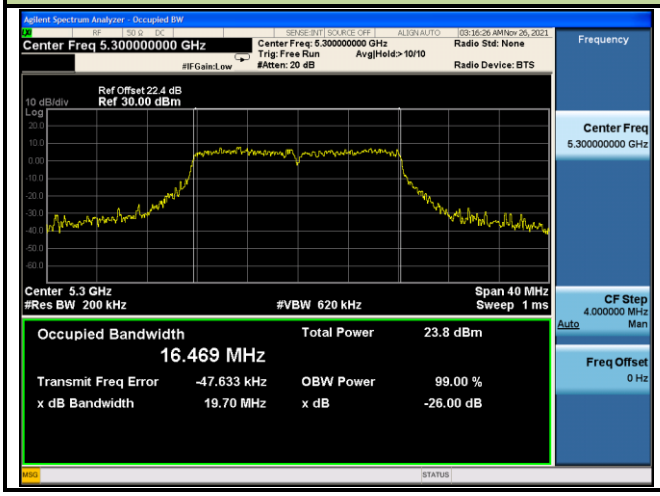
5.6.4 占用頻寬測試結果

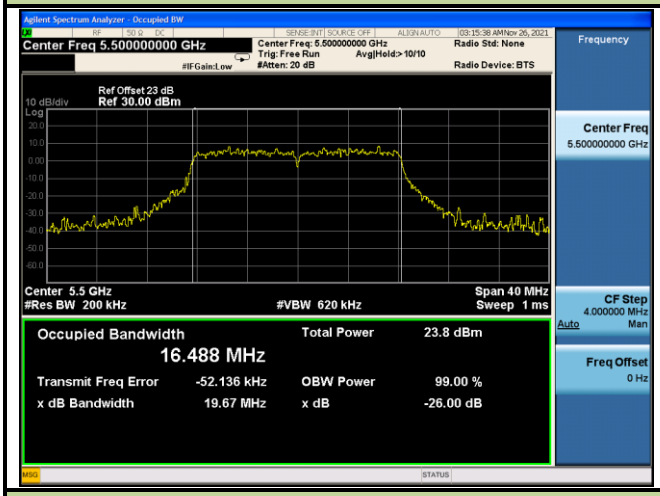
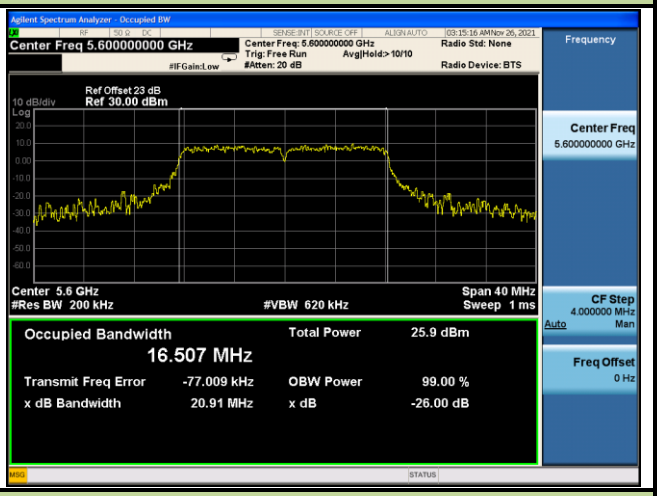
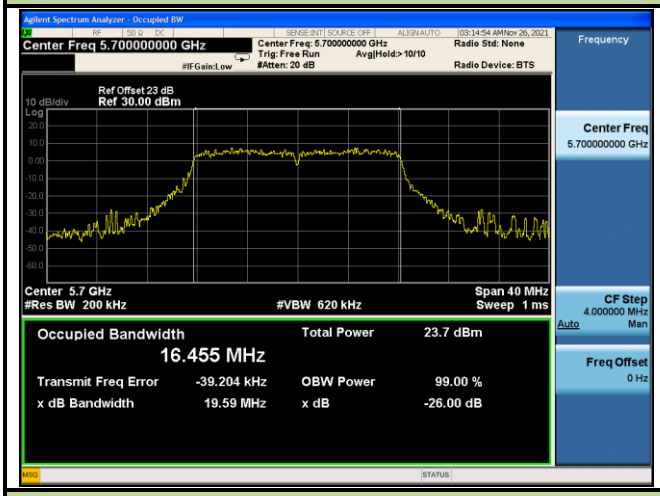
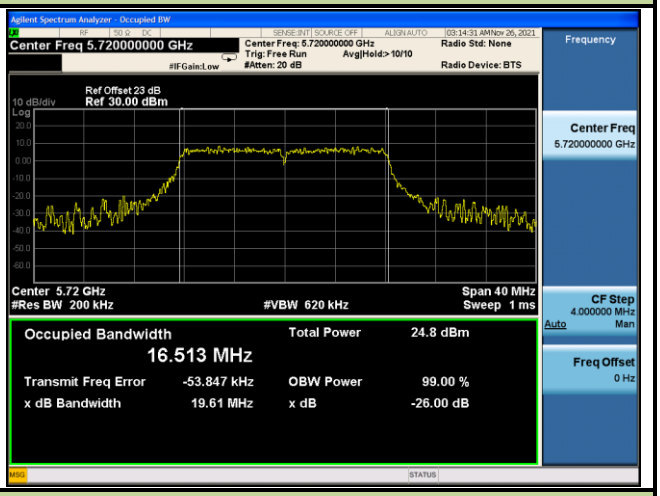
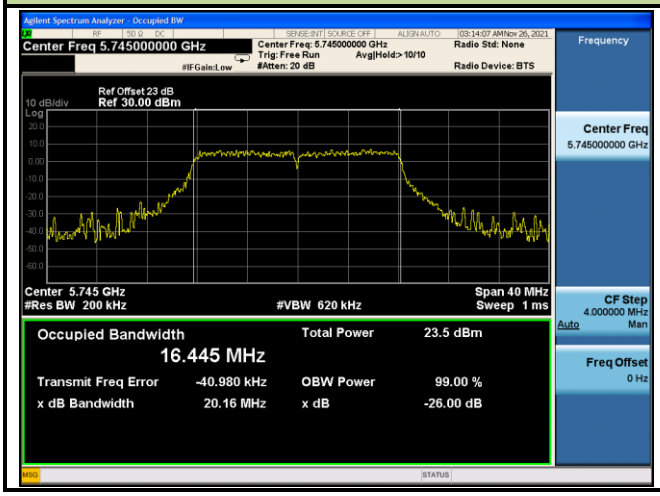
26dB 頻寬:

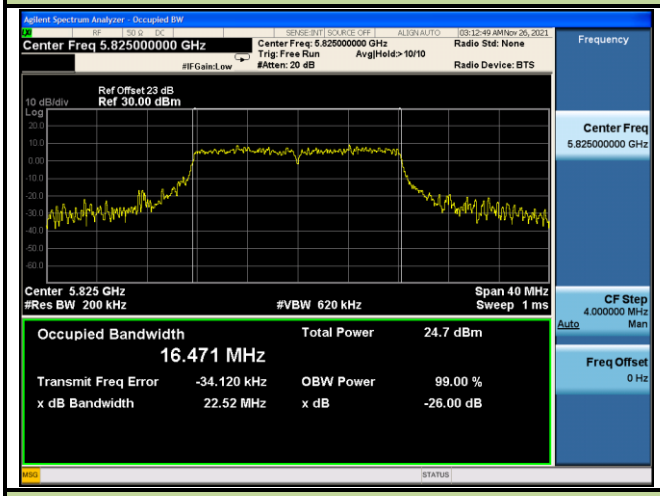
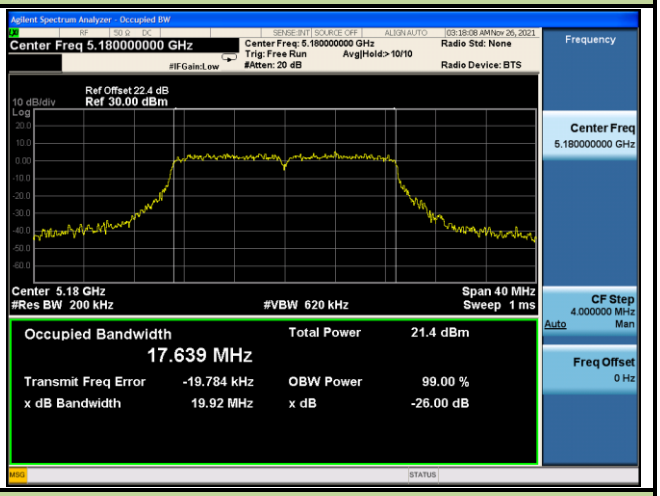
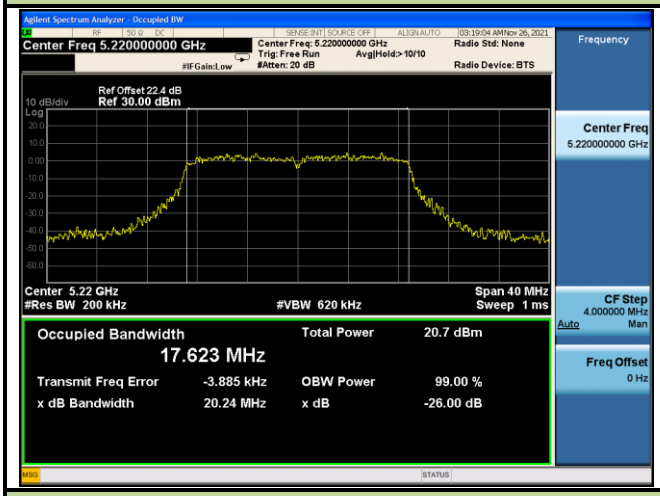
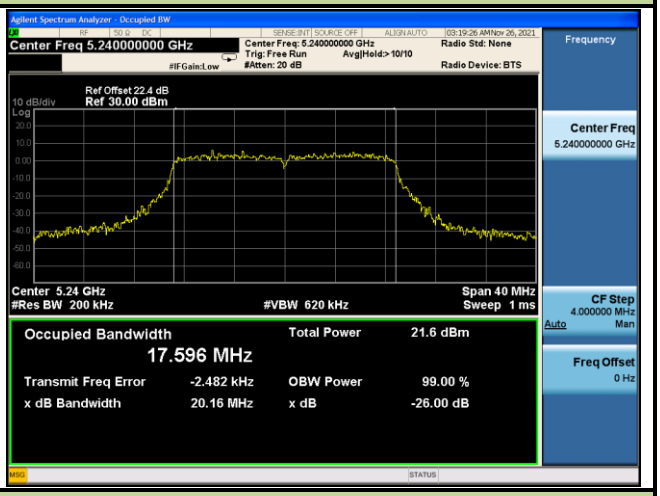
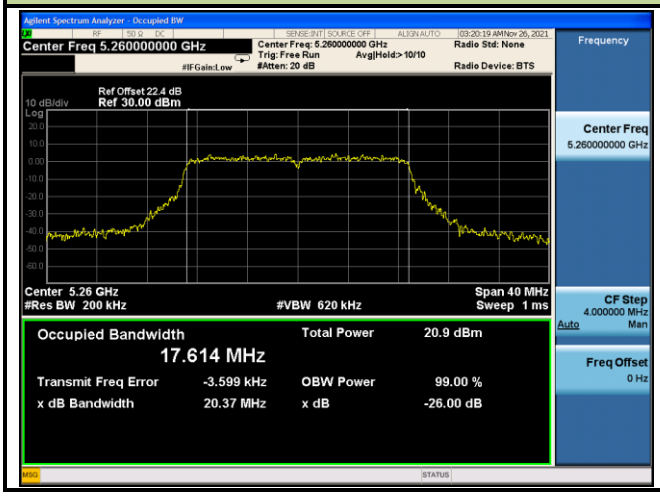
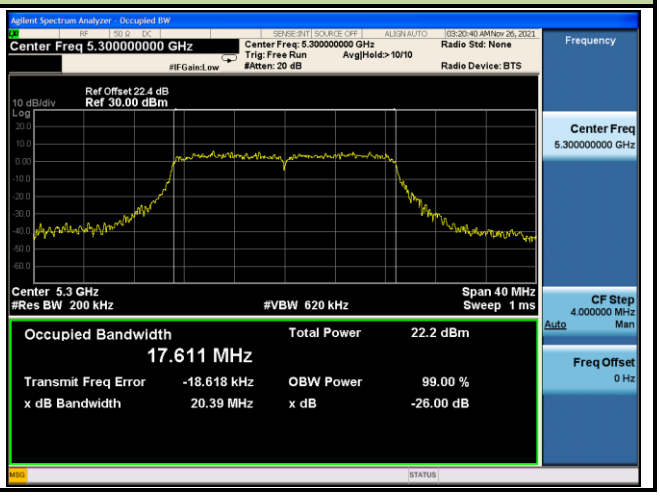
Test Mode	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Result
			Ant 0	
TX- 802.11a_Band1 SISO	36	5180	19.510	Pass
	44	5220	19.890	Pass
	48	5240	20.010	Pass
TX- 802.11a_Band2 SISO	52	5260	20.070	Pass
	60	5300	19.700	Pass
	64	5320	19.740	Pass
TX- 802.11a_Band3 SISO	100	5500	19.670	Pass
	120	5600	20.910	Pass
	140	5700	19.590	Pass
	144	5720	19.610	Pass
TX- 802.11a_Band4 SISO	149	5745	20.160	Pass
	157	5785	19.950	Pass
	165	5825	22.520	Pass

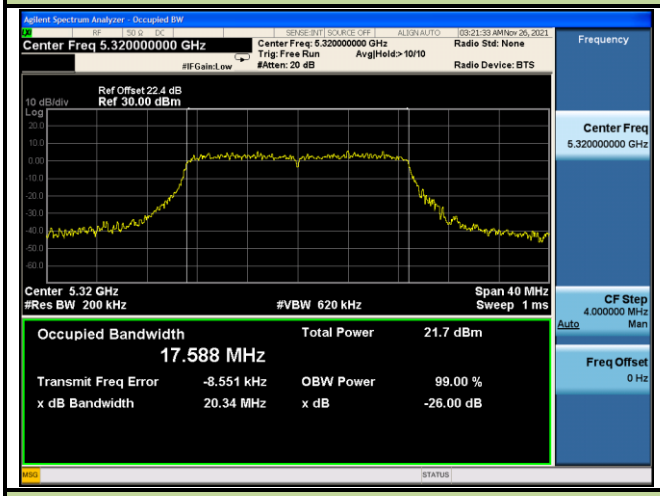
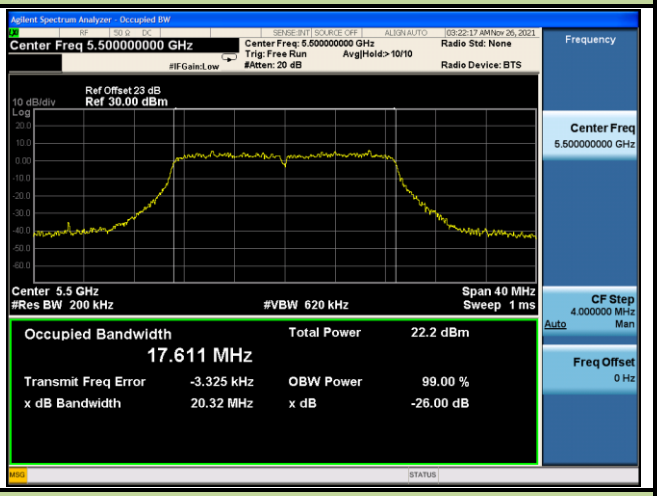
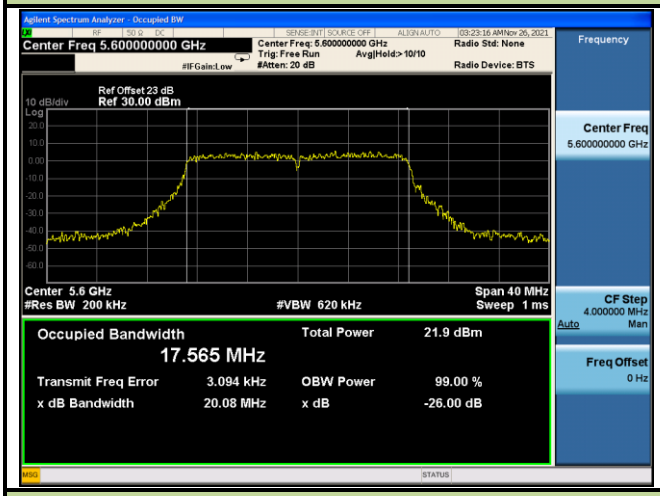
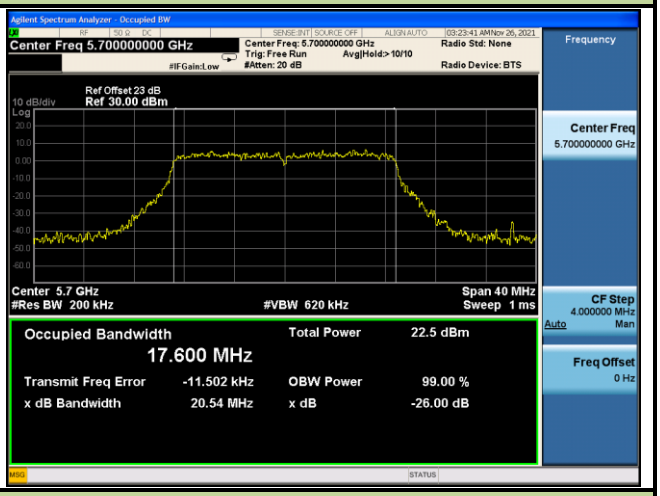
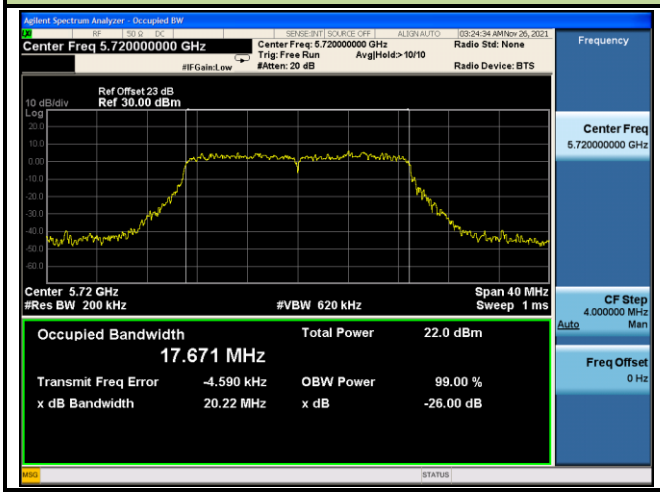
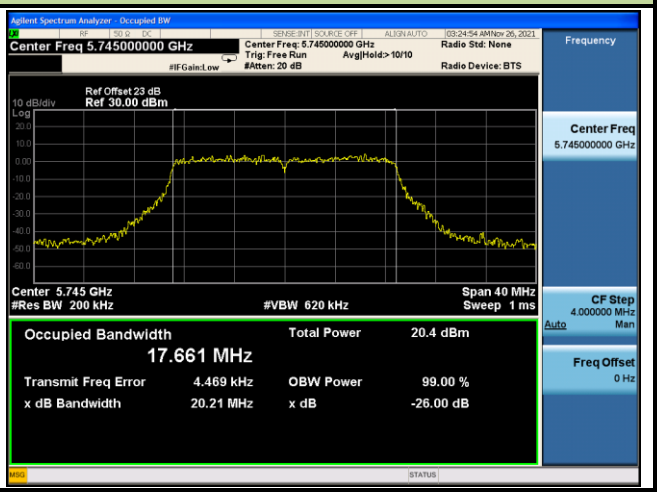
Test Mode	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)		Result
			Ant 0	Ant 1	
TX- 802.11ac-VHT20_Band1 MIMO	36	5180	19.920	20.390	Pass
	44	5220	20.240	19.760	Pass
	48	5240	20.160	20.070	Pass
TX- 802.11ac-VHT20_Band2 MIMO	52	5260	20.370	20.240	Pass
	60	5300	20.390	20.020	Pass
	64	5320	20.340	20.110	Pass
TX- 802.11ac-VHT20_Band3 MIMO	100	5500	20.320	20.370	Pass
	120	5600	20.080	20.370	Pass
	140	5700	20.540	20.480	Pass
	144	5720	20.220	20.220	Pass
TX- 802.11ac-VHT20_Band4 MIMO	149	5745	20.210	20.340	Pass
	157	5785	20.420	19.910	Pass
	165	5825	20.270	20.030	Pass

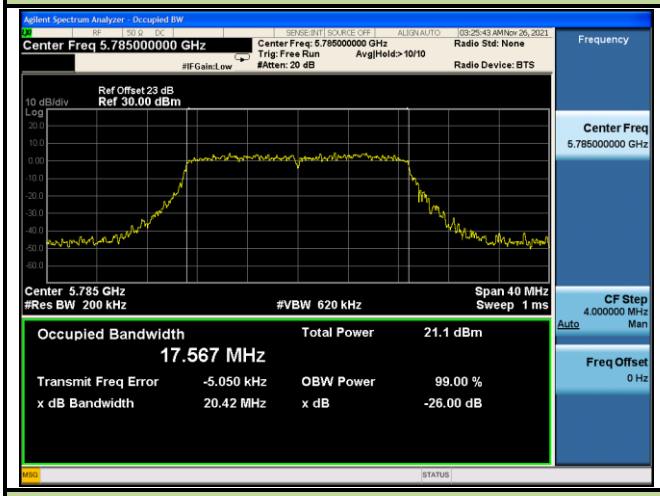
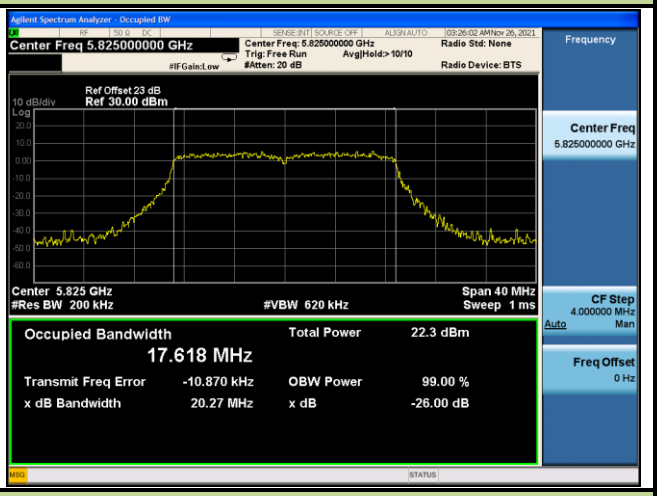
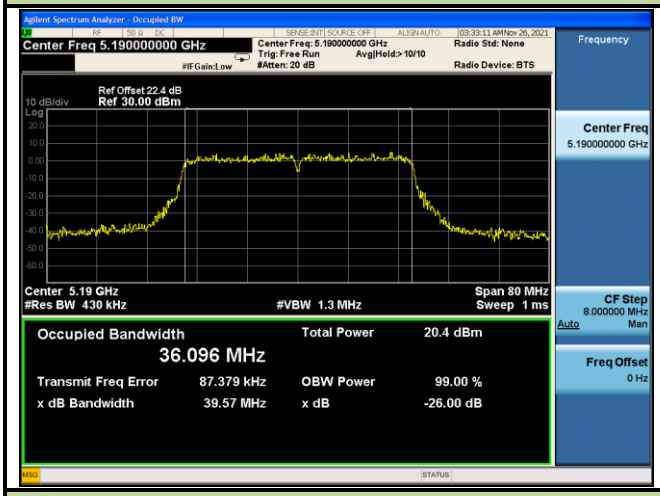
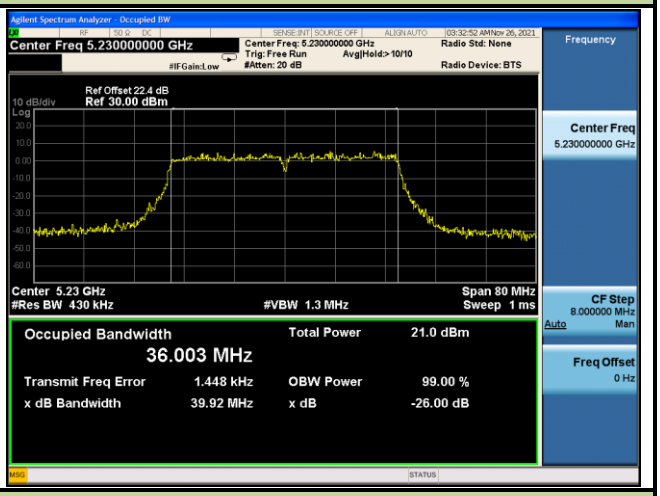
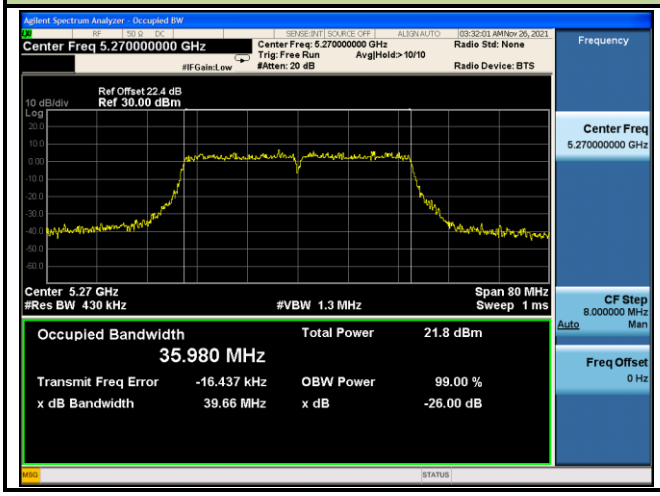
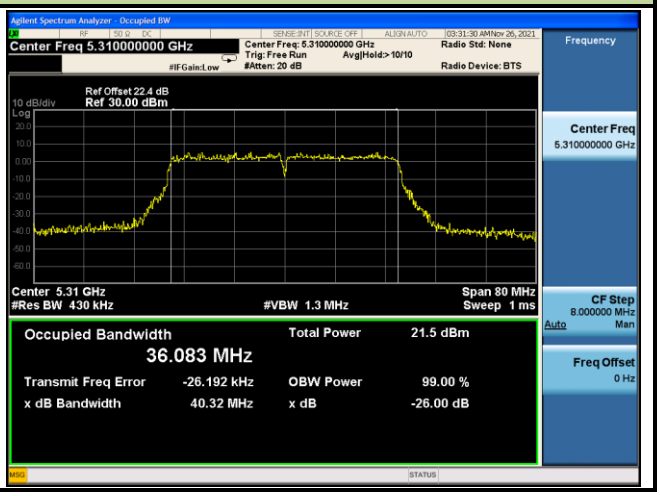
Test Mode	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)		Result
			Ant 0	Ant 1	
TX- 802.11ac-VHT40_Band1 MIMO	38	5190	39.570	40.030	Pass
	46	5230	39.920	40.160	Pass
TX- 802.11ac-VHT40_Band2 MIMO	54	5270	39.660	40.560	Pass
	62	5310	40.320	40.110	Pass
TX- 802.11ac-VHT40_Band3 MIMO	102	5510	40.260	40.610	Pass
	110	5550	39.910	39.670	Pass
	134	5670	40.050	40.420	Pass
	142	5710	40.170	39.720	Pass
TX- 802.11ac-VHT40_Band4 MIMO	151	5755	40.350	39.410	Pass
	159	5795	40.120	40.540	Pass
TX- 802.11ac-VHT80_Band1 MIMO	42	5210	79.260	80.010	Pass
TX- 802.11ac-VHT80_Band2 MIMO	58	5290	79.690	79.800	Pass
TX- 802.11ac-VHT80_Band3 MIMO	106	5530	80.190	79.420	Pass
	122	5610	80.410	80.120	Pass
	138	5690	80.370	79.420	Pass
TX- 802.11ac-VHT80_Band4 MIMO	155	5775	79.920	80.240	Pass

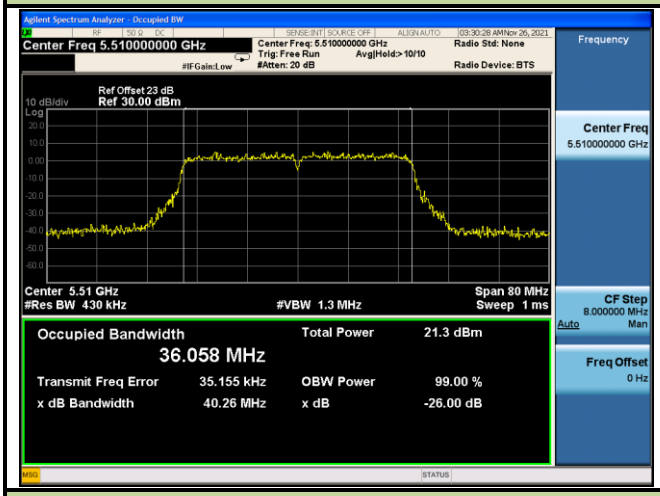
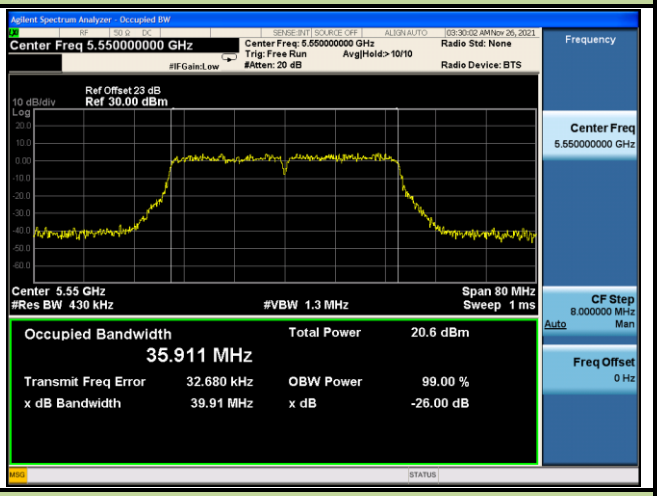
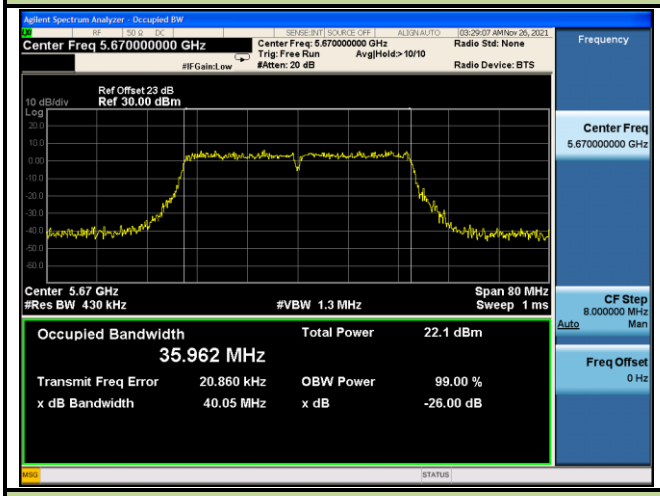
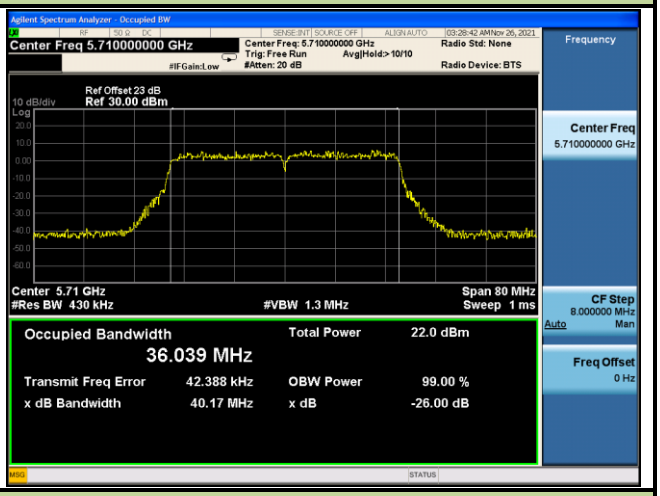
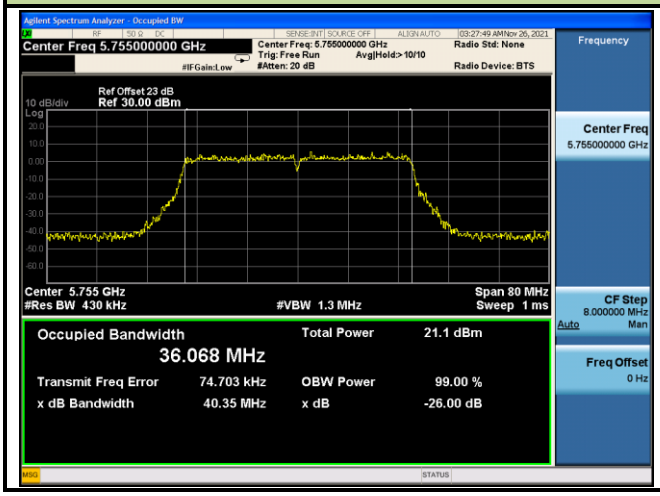
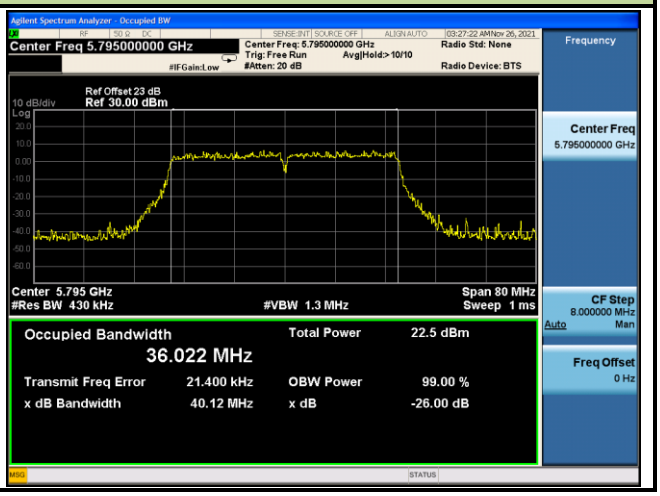
26dB 頻寬-Ant 0	
802.11 a CH36 (5180MHz)	802.11 a CH44 (5220MHz)
	
802.11 a CH48 (5240MHz)	802.11 a CH52 (5260MHz)
	
802.11 a CH60 (5300MHz)	802.11 a CH64 (5320MHz)
	

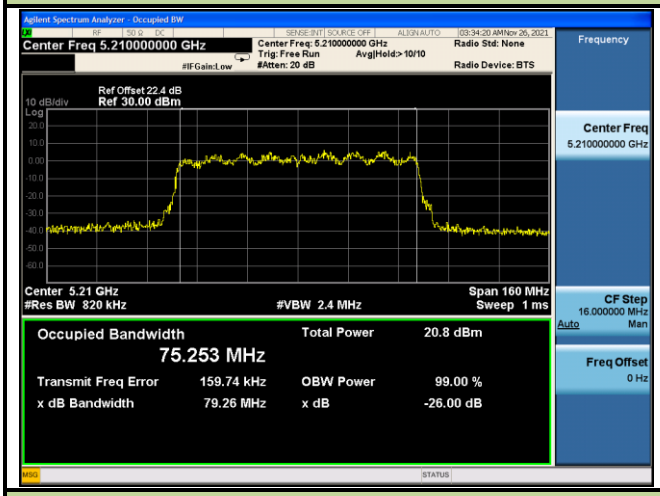
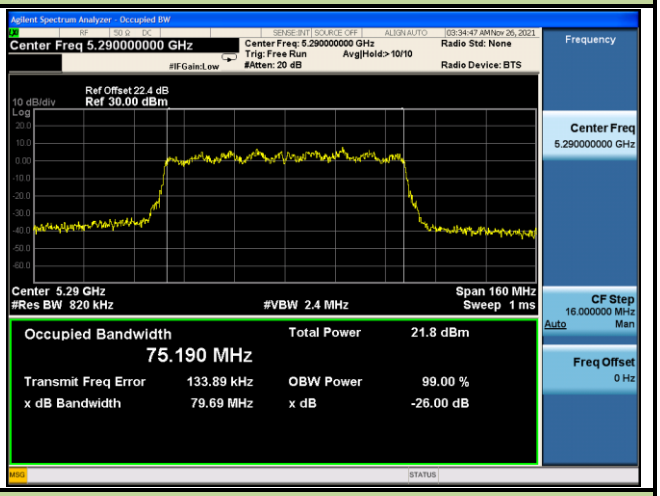
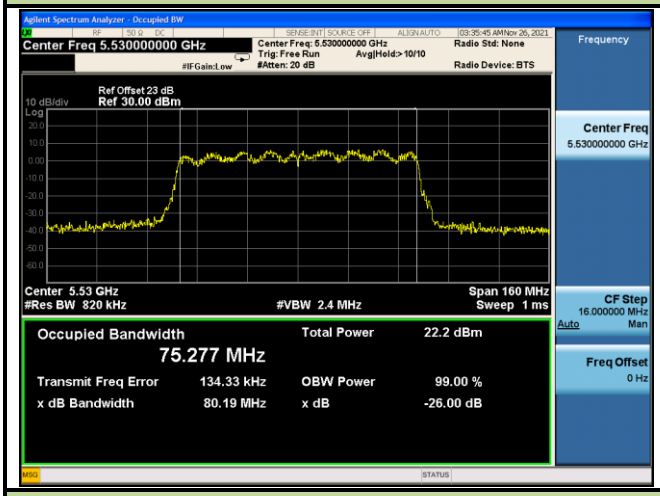
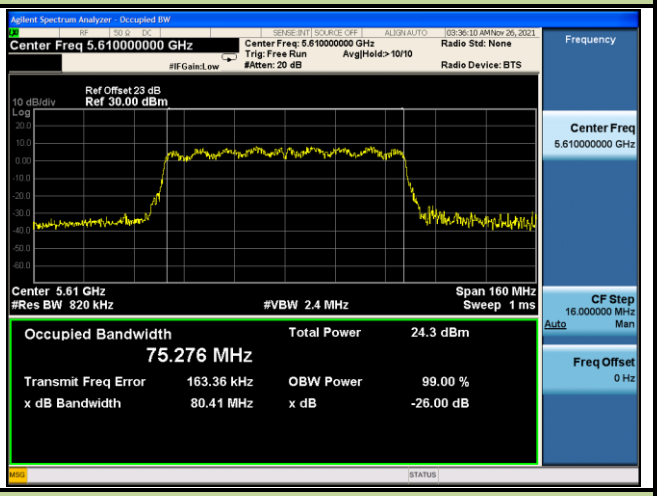
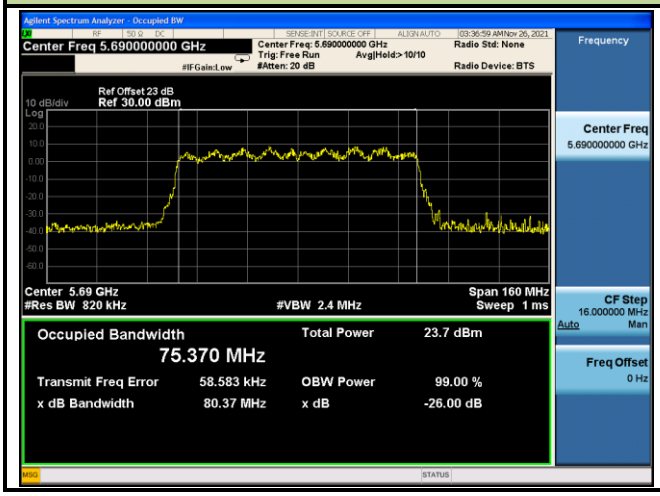
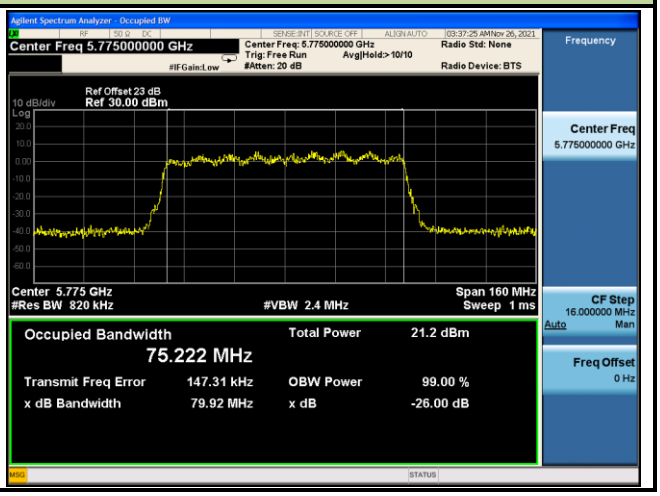
802.11 a CH100 (5500MHz)	802.11 a CH120 (5600MHz)
	
802.11 a CH140 (5700MHz)	**802.11 a CH144 (5720MHz)**
	
802.11 a CH149 (5745MHz)	**802.11 a CH157 (5785MHz)**
	

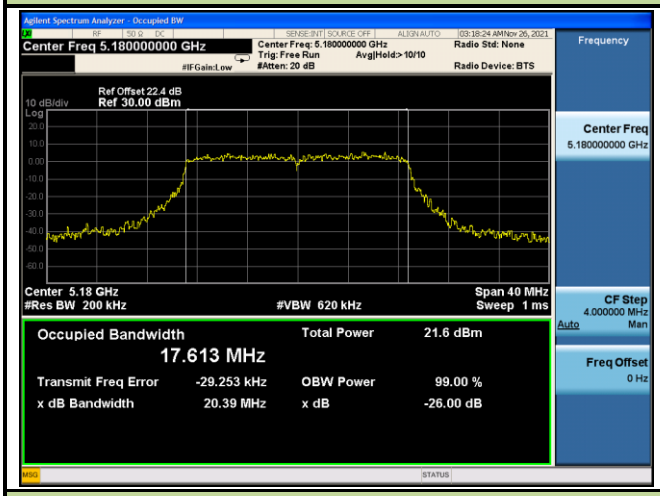
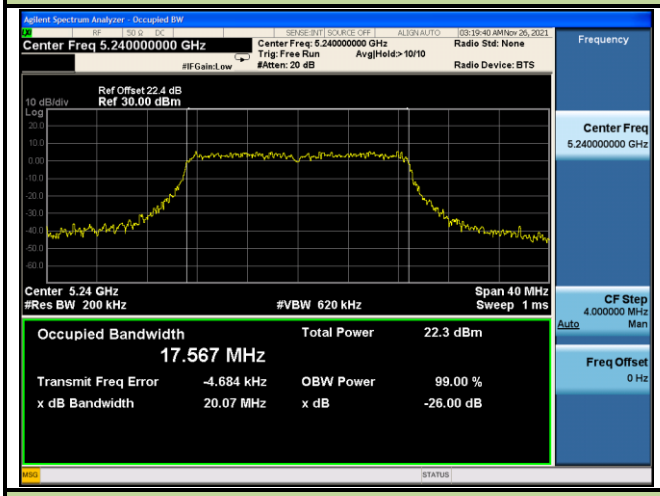
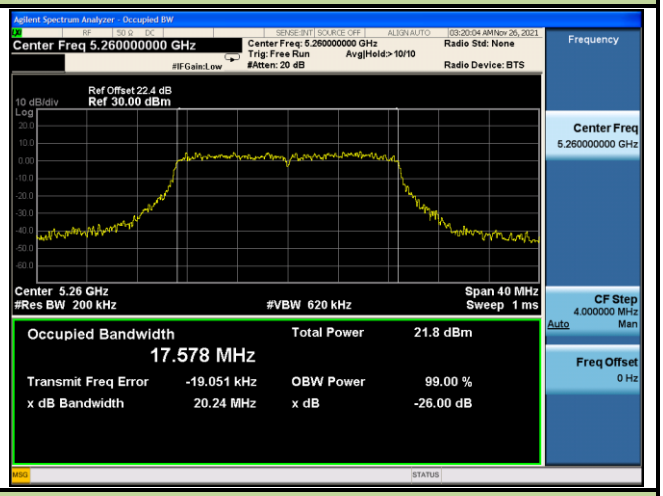
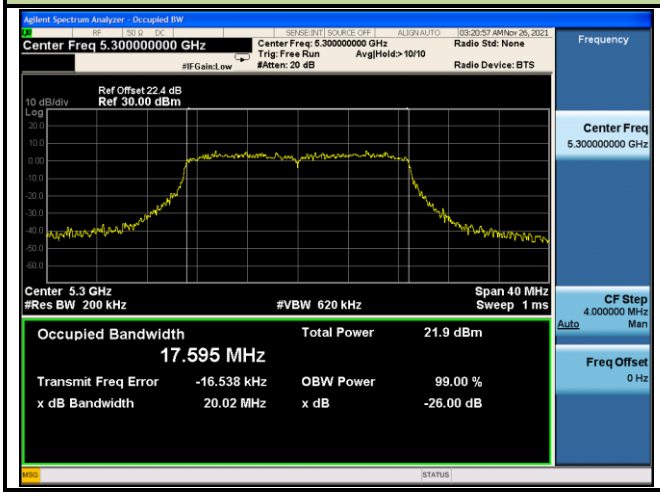
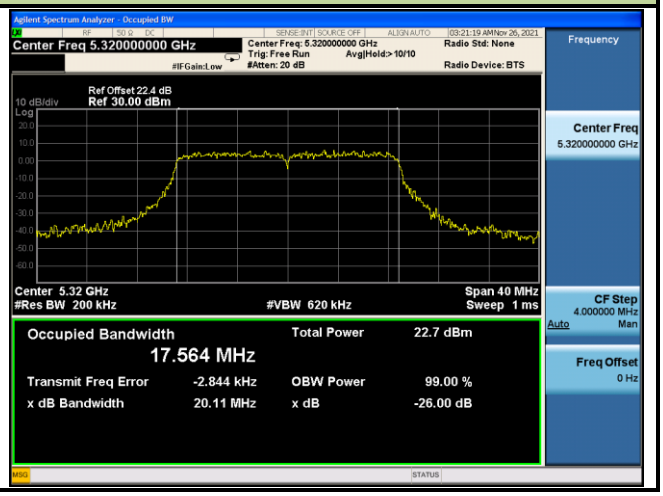
802.11 a CH165 (5825MHz)	802.11ac-VHT20 CH36 (5180MHz)
	
802.11ac-VHT20 CH44 (5220MHz)	**802.11ac-VHT20 CH48 (5240MHz)**
	
802.11ac-VHT20 CH52 (5260MHz)	**802.11ac-VHT20 CH60 (5300MHz)**
	

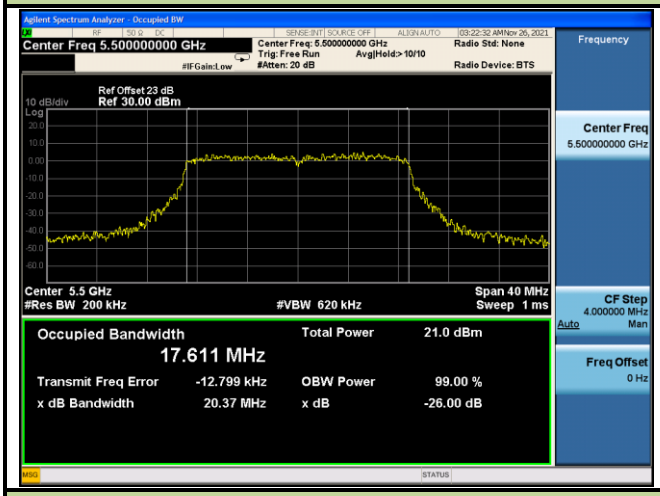
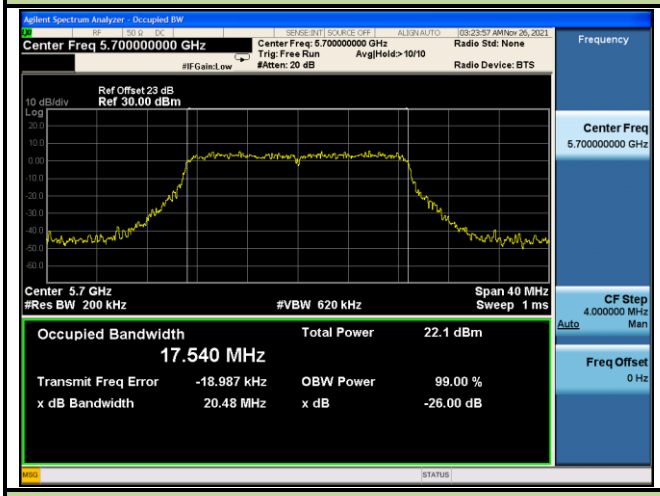
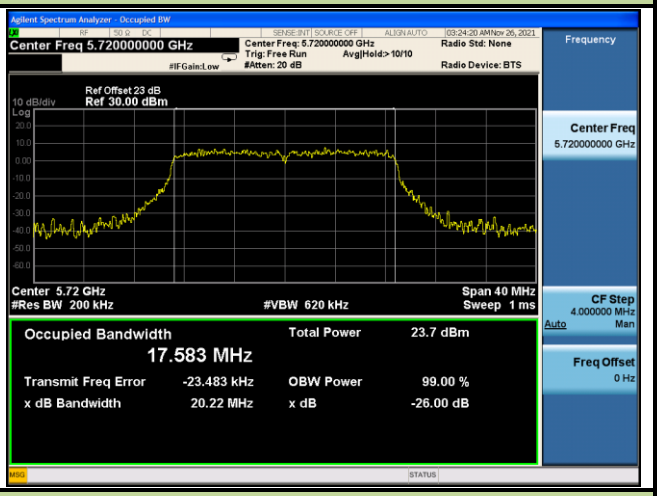
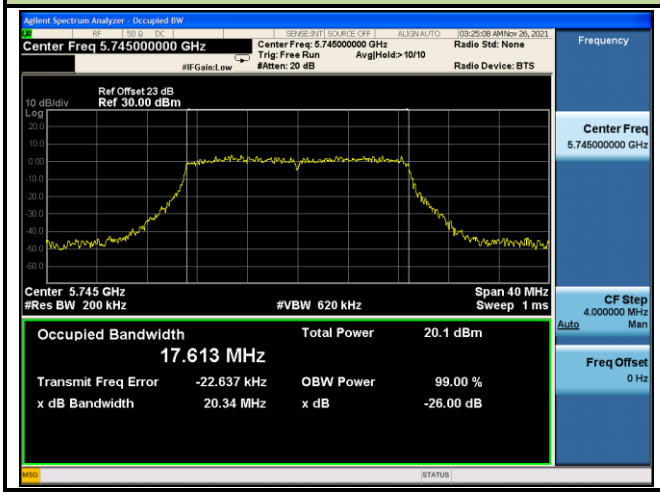
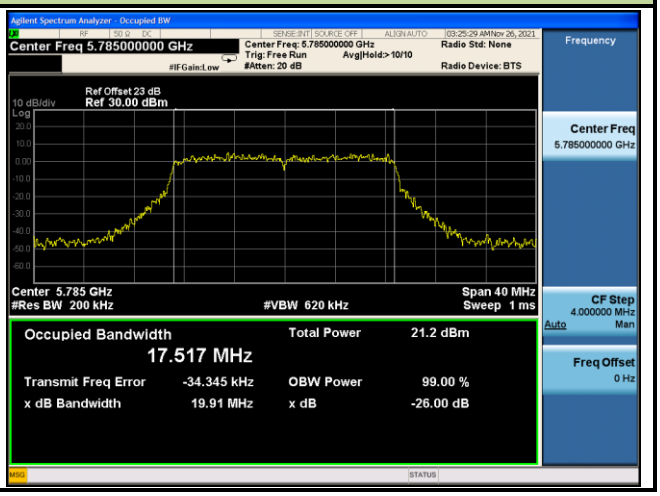
802.11ac-VHT20 CH64 (5320MHz)	802.11ac-VHT20 CH100 (5500MHz)
	
802.11ac-VHT20 CH120 (5600MHz)	**802.11ac-VHT20 CH140 (5700MHz)**
	
802.11ac-VHT20 CH144 (5720MHz)	**802.11ac-VHT20 CH149 (5745MHz)**
	

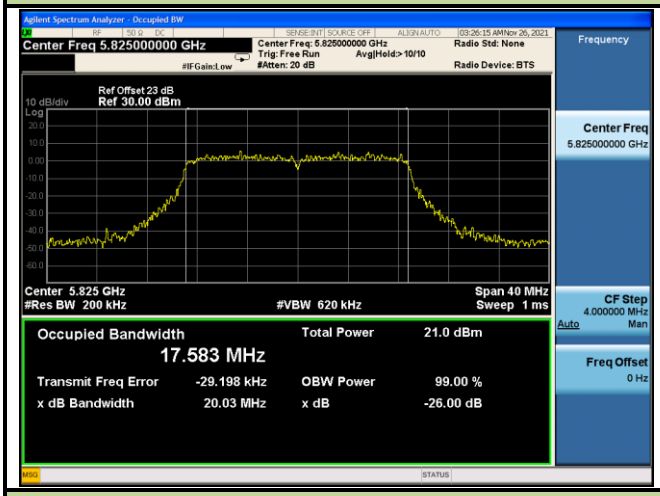
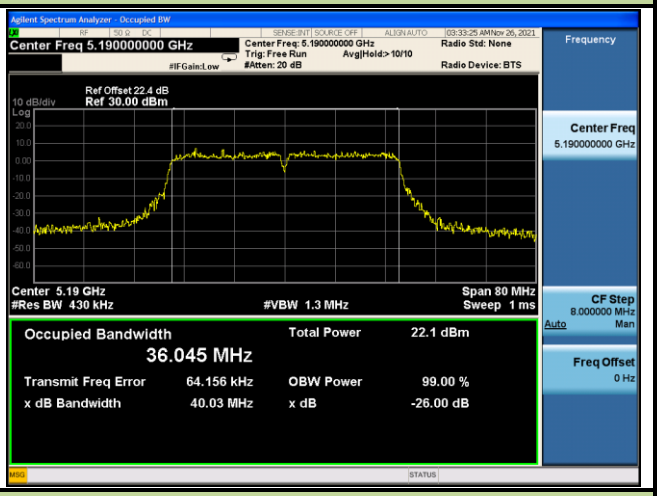
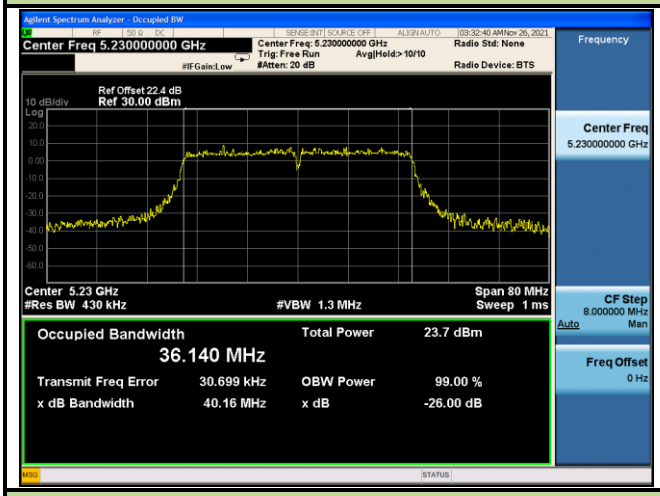
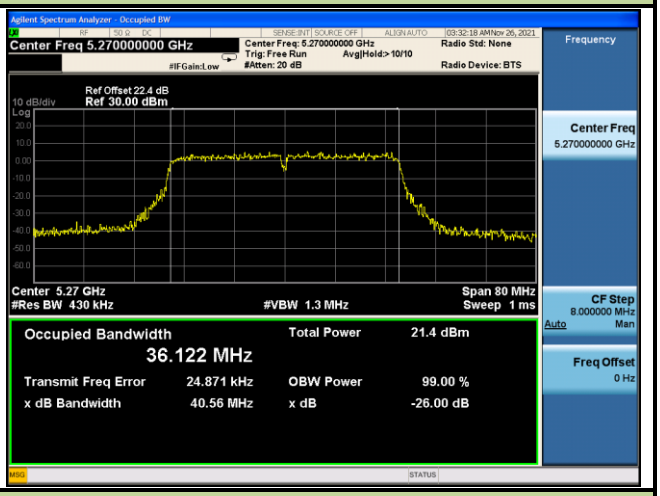
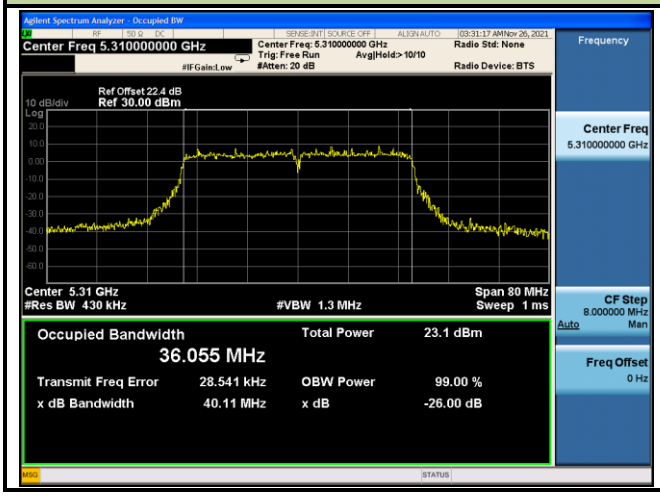
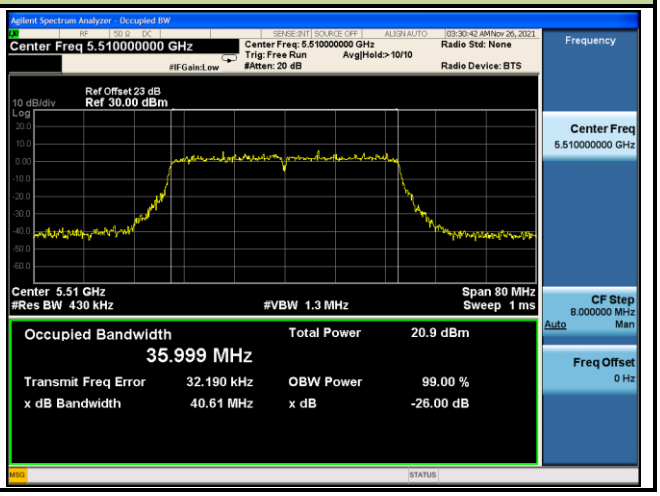
802.11ac-VHT20 CH157 (5785MHz)	802.11ac-VHT20 CH165 (5825MHz)
	
802.11ac-VHT40 CH38 (5190MHz)	**802.11ac-VHT40 CH46 (5230MHz)**
	
802.11ac-VHT40 CH54 (5270MHz)	**802.11ac-VHT40 CH62 (5310MHz)**
	

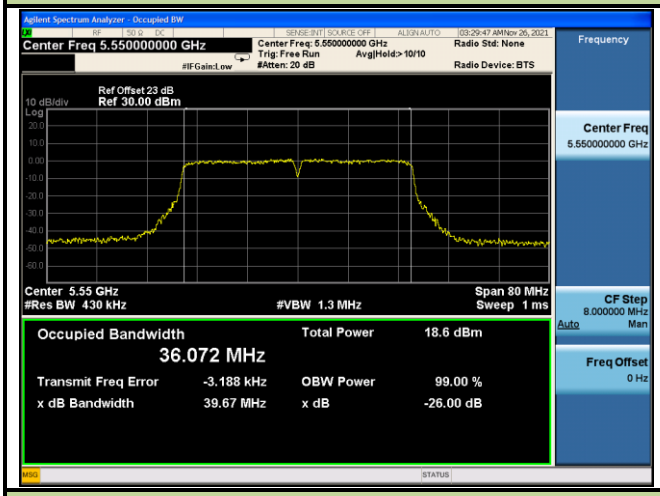
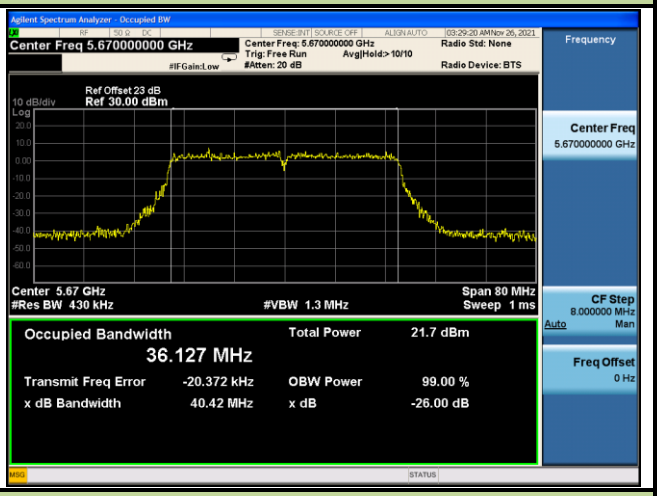
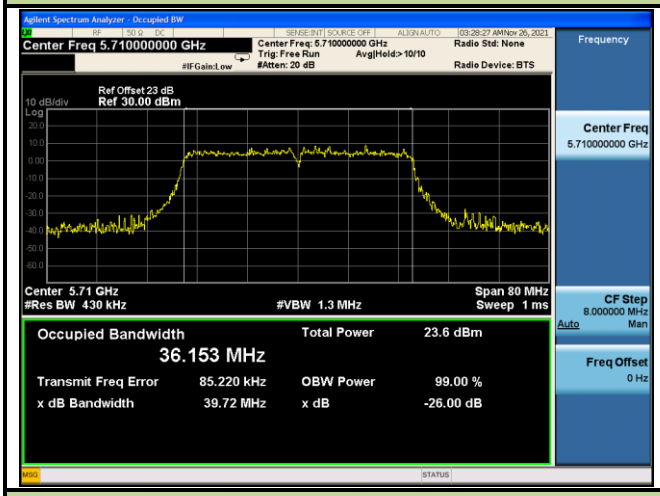
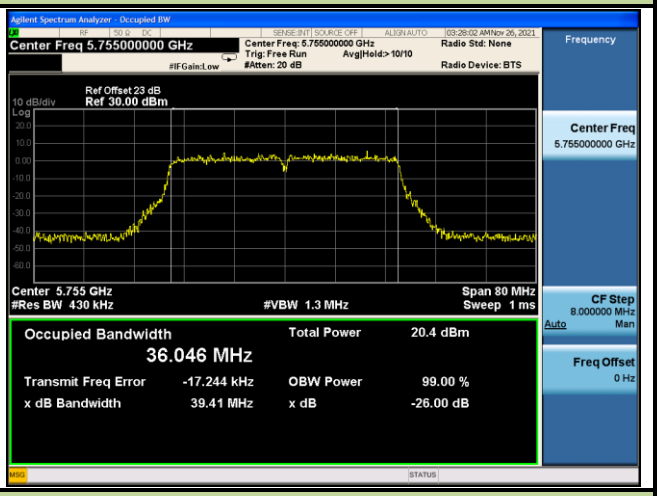
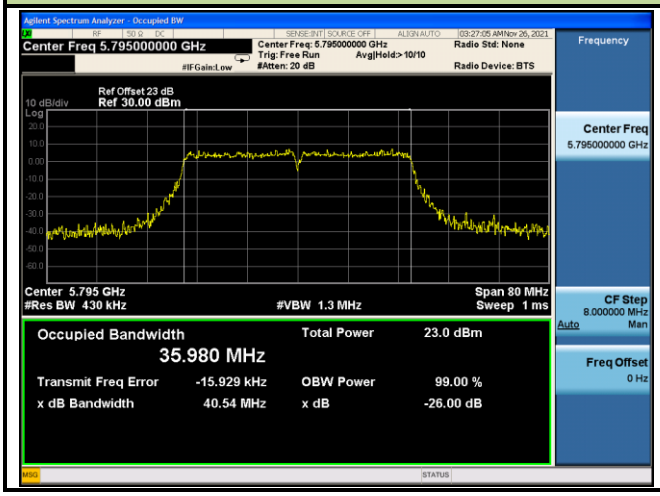
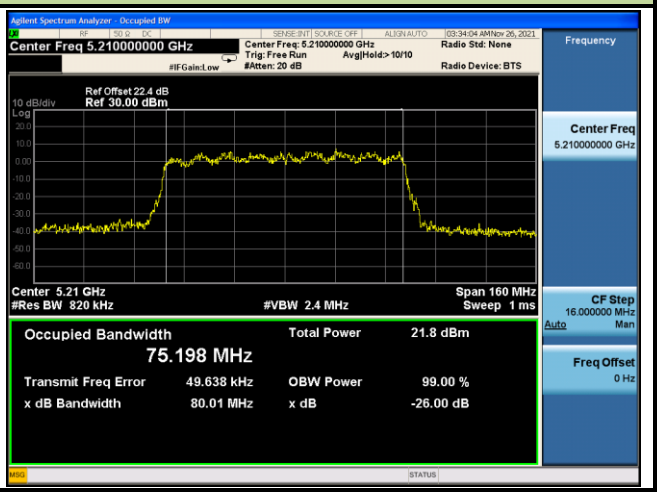
802.11ac-VHT40 CH102 (5510MHz)	802.11ac-VHT40 CH110 (5550MHz)
	
802.11ac-VHT40 CH134 (5670MHz)	**802.11ac-VHT40 CH142 (5710MHz)**
	
802.11ac-VHT40 CH151 (5755MHz)	**802.11ac-VHT40 CH159 (5795MHz)**
	

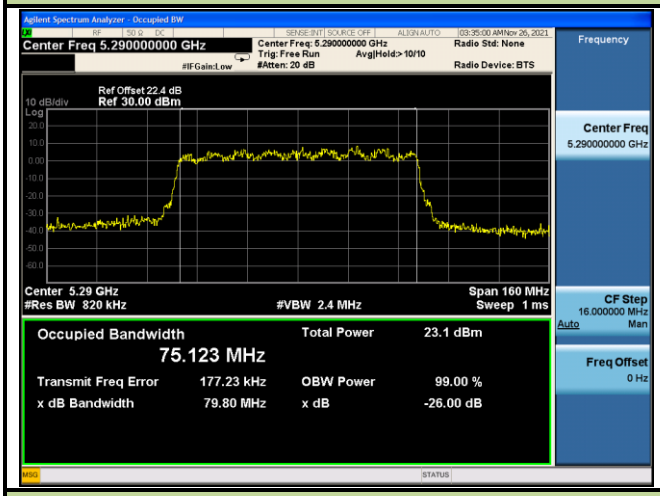
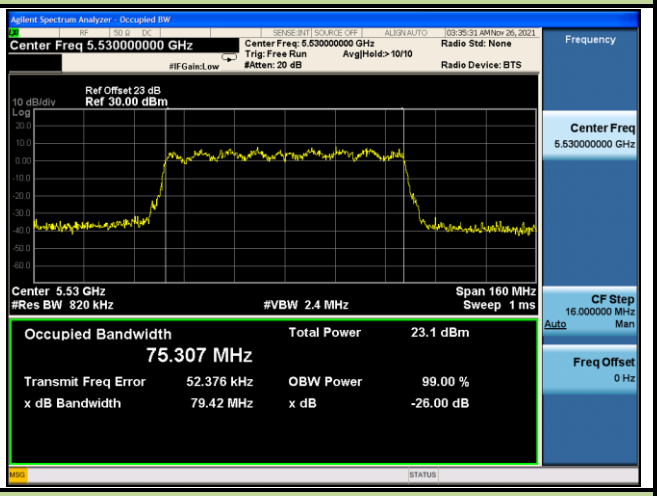
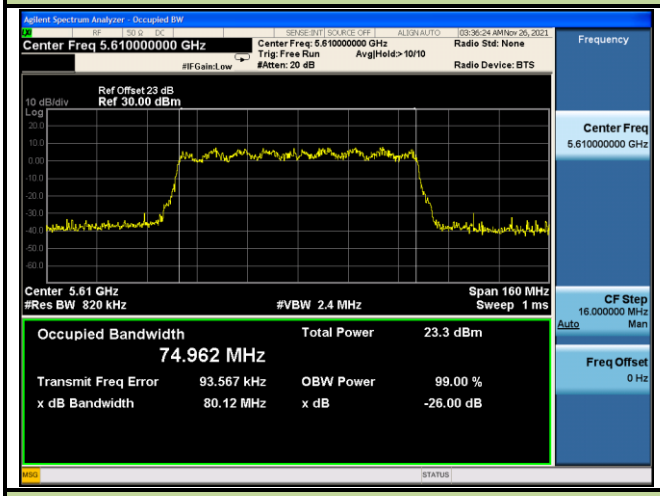
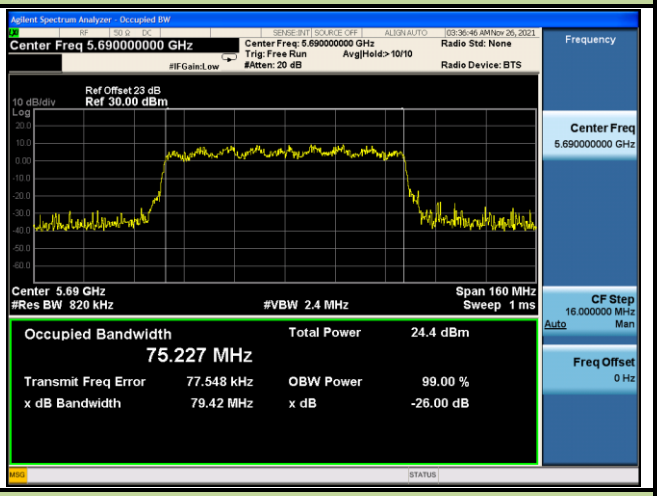
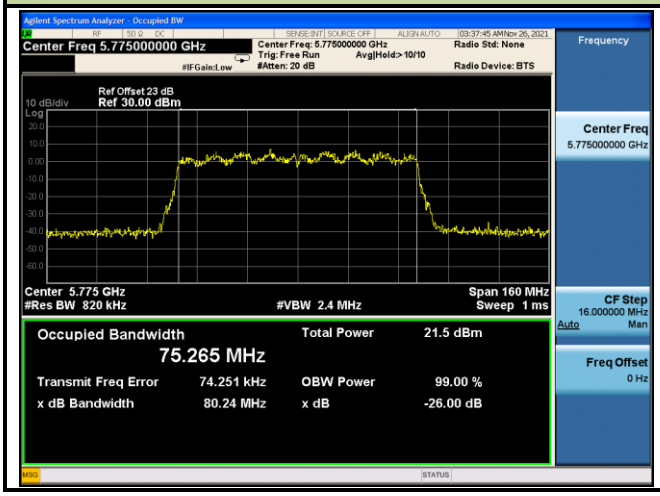
802.11 ac-VHT80 CH42 (5210MHz)	802.11 ac-VHT80 CH58 (5290MHz)
	
802.11 ac-VHT80 CH106 (5530MHz)	**802.11 ac-VHT80 CH122(5610MHz)**
	
802.11 ac-VHT80 CH138 (5690MHz)	**802.11 ac-VHT80 CH155 (5775MHz)**
	

26dB 頻寬-Ant 1	
802.11ac-VHT20 CH36 (5180MHz)	802.11ac-VHT20 CH44 (5220MHz)
	
802.11ac-VHT20 CH48 (5240MHz)	802.11ac-VHT20 CH52 (5260MHz)
	
802.11ac-VHT20 CH60 (5300MHz)	802.11ac-VHT20 CH64 (5320MHz)
	

802.11ac-VHT20 CH100 (5500MHz)	802.11ac-VHT20 CH120 (5600MHz)
	
802.11ac-VHT20 CH140 (5700MHz)	**802.11ac-VHT20 CH144 (5720MHz)**
	
802.11ac-VHT20 CH149 (5745MHz)	**802.11ac-VHT20 CH157 (5785MHz)**
	

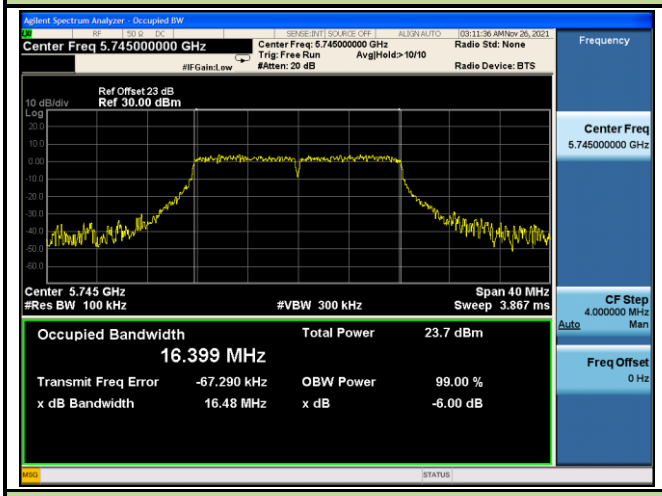
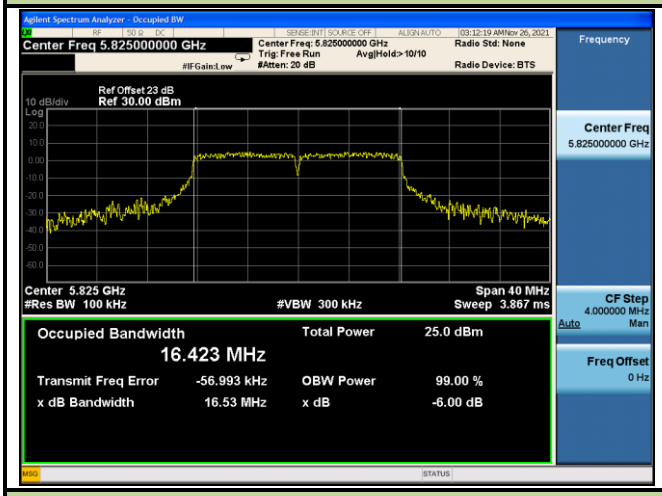
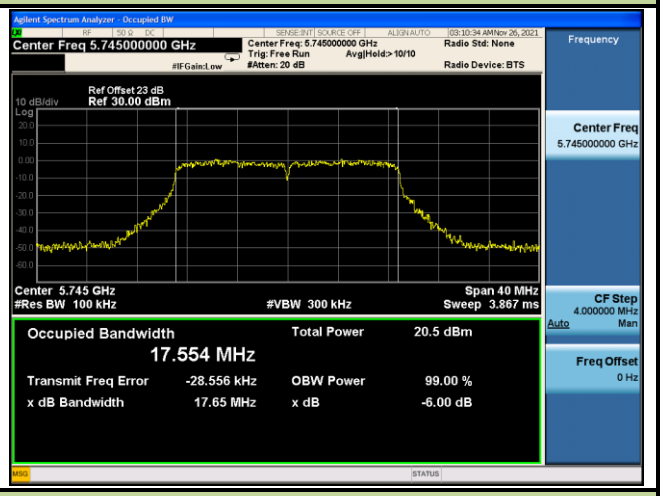
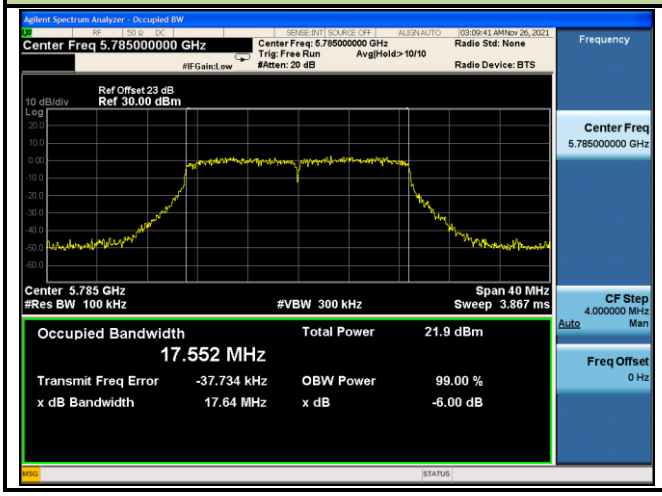
802.11ac-VHT20 CH165 (5825MHz)	802.11ac-VHT40 CH38 (5190MHz)
	
802.11ac-VHT40 CH46 (5230MHz)	**802.11ac-VHT40 CH54 (5270MHz)**
	
802.11ac-VHT40 CH62 (5310MHz)	**802.11ac-VHT40 CH102 (5510MHz)**
	

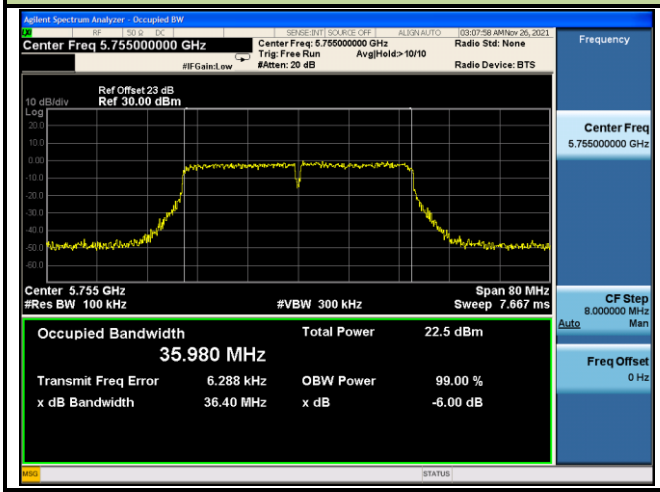
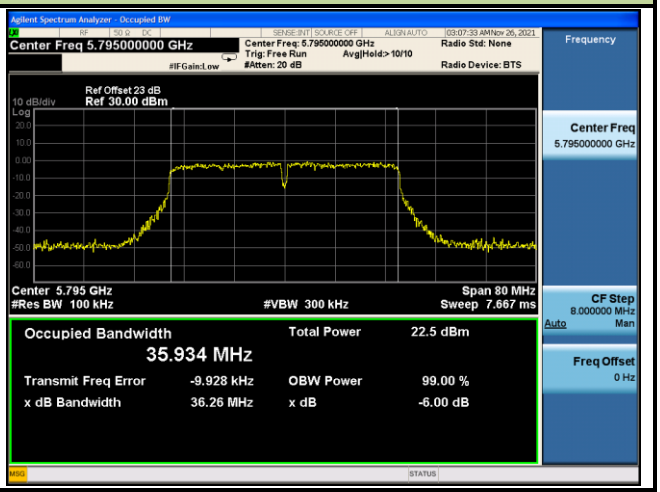
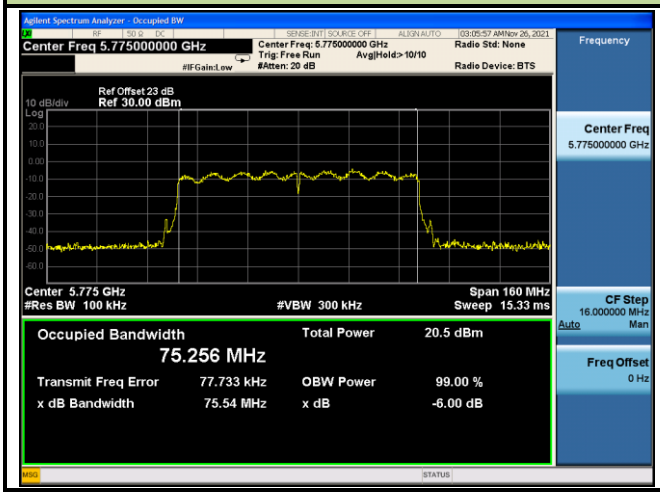
802.11ac-VHT40 CH110 (5550MHz)	802.11ac-VHT40 CH134 (5670MHz)
	
802.11ac-VHT40 CH142 (5710MHz)	**802.11ac-VHT40 CH151 (5755MHz)**
	
802.11ac-VHT40 CH159 (5795MHz)	**802.11 ac-VHT80 CH42 (5210MHz)**
	

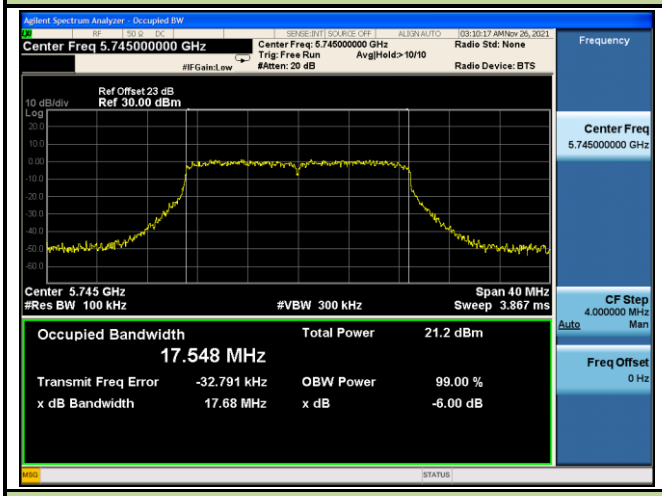
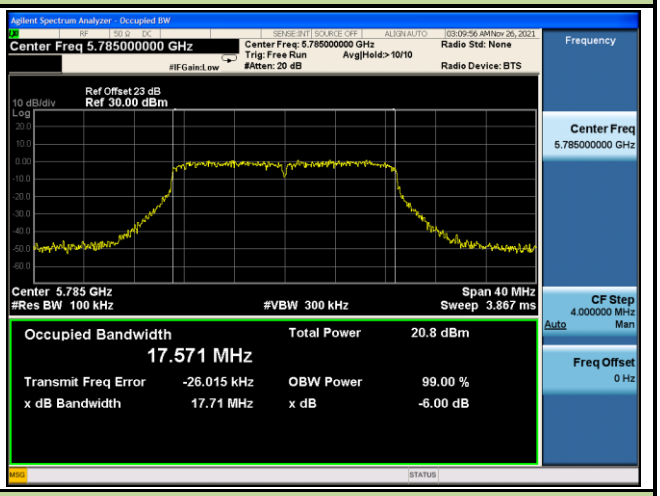
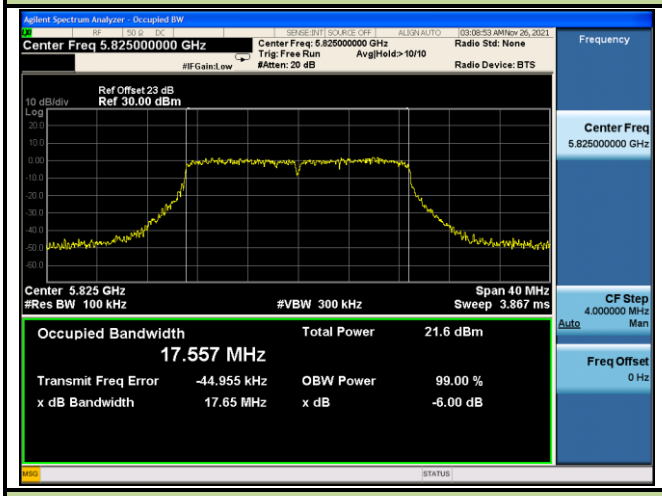
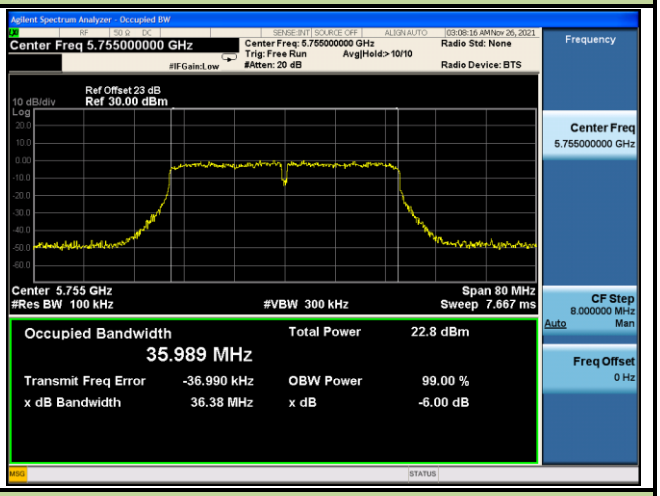
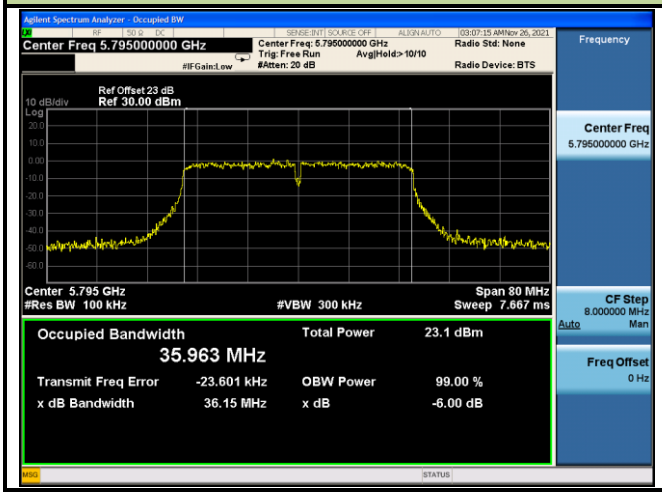
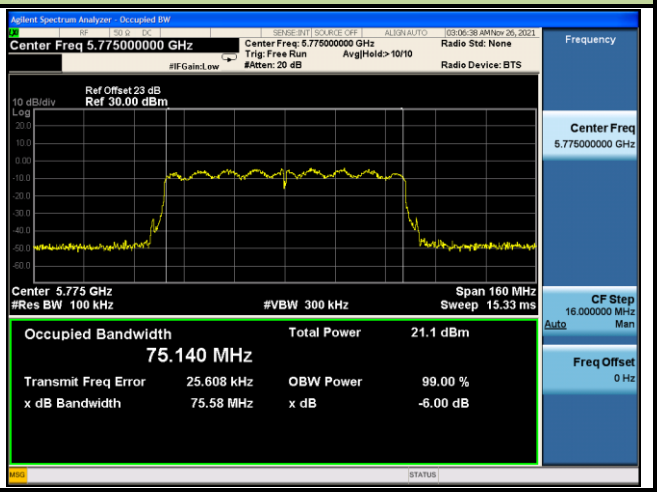
802.11 ac-VHT80 CH58 (5290MHz)	802.11 ac-VHT80 CH106 (5530MHz)
	
802.11 ac-VHT80 CH122(5610MHz)	**802.11 ac-VHT80 CH138 (5690MHz)**
	
802.11 ac-VHT80 CH155 (5775MHz)	
	

6dB 頻寬:

Test Mode	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)	Result
			Ant 0	Ant 1		
TX- 802.11a_Band4 SISO	149	5745	16.480	N/A	≥ 0.5	Pass
	157	5785	16.560		≥ 0.5	Pass
	165	5825	16.530		≥ 0.5	Pass
TX- 802.11ac-VHT20_Band4 MIMO	149	5745	17.650	17.680	≥ 0.5	Pass
	157	5785	17.640	17.710	≥ 0.5	Pass
	165	5825	17.620	17.650	≥ 0.5	Pass
TX- 802.11ac-VHT40_Band4 MIMO	151	5755	36.400	36.380	≥ 0.5	Pass
	159	5795	36.260	36.150	≥ 0.5	Pass
TX- 802.11ac-VHT80_Band4 MIMO	155	5775	75.540	75.580	≥ 0.5	Pass

6dB 頻寬-Ant 0	
802.11 a CH149 (5745MHz)	802.11 a CH157 (5785MHz)
	
802.11 a CH165 (5825MHz)	802.11ac-VHT20 CH149 (5745MHz)
	
802.11ac-VHT20 CH157 (5785MHz)	802.11ac-VHT20 CH165 (5825MHz)
	

802.11ac-VHT40 CH151 (5755MHz)	802.11ac-VHT40 CH159 (5795MHz)
	
802.11 ac-VHT80 CH155 (5775MHz)	
	

6dB 頻寬-Ant 1	
802.11ac-VHT20 CH149 (5745MHz)	802.11ac-VHT20 CH157 (5785MHz)
	
802.11ac-VHT20 CH165 (5825MHz)	802.11ac-VHT40 CH151 (5755MHz)
	
802.11ac-VHT40 CH159 (5795MHz)	802.11 ac-VHT80 CH155 (5775MHz)
	

5.7. 功率頻譜密度

5.7.1 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀RF輸入端，量測定於1MHz/500kHz頻寬。

5.7.2 限制要求

1. 使用於5.15 GHz～5.25 GHz 頻段

(1)供戶外操作使用:在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於17 dBm。

(2)供室內操作使用:

(A)在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於17 dBm。

(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)供固定式點對點操作使用:

(A) 在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於17 dBm。

(B)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。

(C)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:

(A)在任何1 MHz 頻帶中最大功率頻譜密度應小於或等於11 dBm。

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

(1)最大功率頻譜密度在任何1 MHz 頻帶中應小於或等於11 dBm。

(2)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。

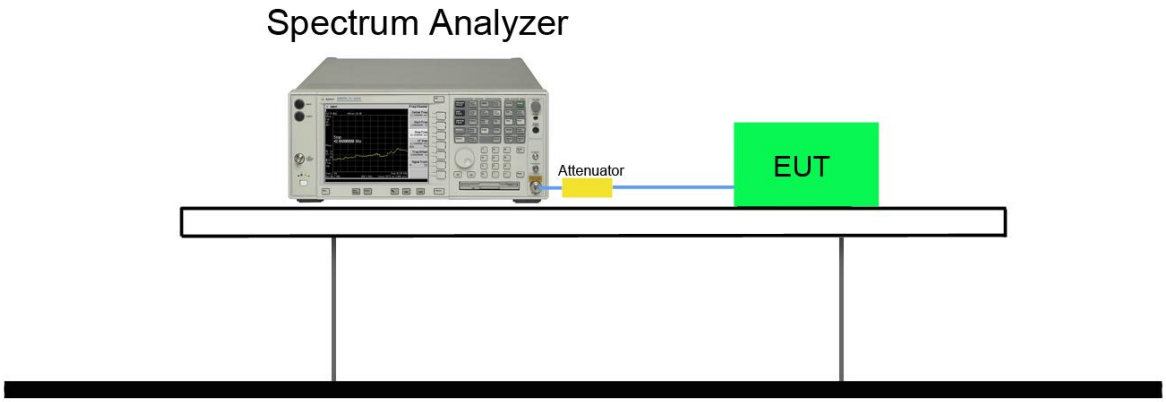
3. 使用頻率於5.725 GHz～5.850 GHz 頻段

(1)在任何500 kHz 頻帶中最大功率頻譜密度應小於或等於30 dBm。

(2)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。

(3)除(2)外，使用超過6 dBi 方向增益之發射天線時，應依超過6 dBi 天線方向增益的dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

5.7.3 測試架構圖



5.7.4 功率頻譜密度測試結果

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	Limit (dBm/MHz)	Result
			Ant 0				
TX-802.11a_Band1 SISO	36	5180	9.196	100%	9.196	≤ 9.53dBm/MHz	Pass
	44	5220	9.206	100%	9.206	≤ 9.53dBm/MHz	Pass
	48	5240	9.149	100%	9.149	≤ 9.53dBm/MHz	Pass
TX-802.11a_Band2 SISO	52	5260	8.937	100%	8.937	≤ 9.03dBm/MHz	Pass
	60	5300	8.721	100%	8.721	≤ 9.03dBm/MHz	Pass
	64	5320	8.843	100%	8.843	≤ 9.03dBm/MHz	Pass
TX-802.11a_Band3 SISO	100	5500	7.471	100%	7.471	≤ 9.43dBm/MHz	Pass
	120	5600	8.804	100%	8.804	≤ 9.43dBm/MHz	Pass
	140	5700	9.034	100%	9.034	≤ 9.43dBm/MHz	Pass
	144	5720	7.440	100%	7.440	≤ 9.43dBm/MHz	Pass

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/500kHz)	Duty Cycle (%)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
			Ant 0				
TX-802.11a_Band4 SISO	149	5745	8.761	100%	8.761	≤ 28.64dBm/500kHz	Pass
	157	5785	9.613	100%	9.613	≤ 28.64dBm/500kHz	Pass
	165	5825	7.563	100%	7.563	≤ 28.64dBm/500kHz	Pass

Note: When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$} (dBm/MHz).

When EUT duty cycle < 98%, the total PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$} (dBm/MHz) + 10*log (1/Duty Cycle).

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	Limit (dBm/MHz)	Result
			Ant 0	Ant 1				
TX- 802.11ac-VHT20_Band1 MIMO	36	5180	6.446	6.425	100%	9.446	≤ 9.53dBm/MHz	Pass
	44	5220	6.308	6.456	100%	9.393	≤ 9.53dBm/MHz	Pass
	48	5240	6.312	6.415	100%	9.374	≤ 9.53dBm/MHz	Pass
TX- 802.11ac-VHT20_Band2 MIMO	52	5260	5.683	5.799	100%	8.752	≤ 9.03dBm/MHz	Pass
	60	5300	5.874	5.872	100%	8.883	≤ 9.03dBm/MHz	Pass
	64	5320	5.944	5.551	100%	8.762	≤ 9.03dBm/MHz	Pass
TX- 802.11ac-VHT20_Band3 MIMO	100	5500	6.113	6.212	100%	9.173	≤ 9.43dBm/MHz	Pass
	120	5600	6.272	6.244	100%	9.268	≤ 9.43dBm/MHz	Pass
	140	5700	6.338	6.371	100%	9.365	≤ 9.43dBm/MHz	Pass
	144	5720	6.251	6.242	100%	9.257	≤ 9.43dBm/MHz	Pass

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/500kHz)		Duty Cycle (%)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
			Ant 0	Ant 1				
TX- 802.11ac-VHT20_Band4 MIMO	149	5745	8.082	6.548	100%	10.393	≤ 28.64dBm/500kHz	Pass
	157	5785	7.400	7.662	100%	10.543	≤ 28.64dBm/500kHz	Pass
	165	5825	6.810	6.522	100%	9.679	≤ 28.64dBm/500kHz	Pass

Note: When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$ + $10^{(\text{Ant 1 PSD}/10)}$} (dBm/MHz).

When EUT duty cycle < 98%, the total PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$ + $10^{(\text{Ant 1 PSD}/10)}$} (dBm/MHz) + 10*log (1/Duty Cycle).

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	Limit (dBm/MHz)	Result
			Ant 0	Ant 1				
TX- 802.11ac-VHT40_Band1 MIMO	38	5190	6.477	6.416	100%	9.457	≤ 9.53dBm/MHz	Pass
	46	5230	5.917	6.939	100%	9.468	≤ 9.53dBm/MHz	Pass
TX- 802.11ac-VHT40_Band2 MIMO	54	5270	5.810	5.981	100%	8.907	≤ 9.03dBm/MHz	Pass
	62	5310	5.961	5.995	100%	8.988	≤ 9.03dBm/MHz	Pass
TX- 802.11ac-VHT40_Band3 MIMO	102	5510	6.266	6.348	100%	9.317	≤ 9.43dBm/MHz	Pass
	110	5550	6.398	6.319	100%	9.369	≤ 9.43dBm/MHz	Pass
	134	5670	6.386	6.170	100%	9.290	≤ 9.43dBm/MHz	Pass
	142	5710	6.078	6.114	100%	9.106	≤ 9.43dBm/MHz	Pass

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/500kHz)		Duty Cycle (%)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
			Ant 0	Ant 1				
TX- 802.11ac-VHT40_Band4 MIMO	151	5755	3.526	3.844	100%	6.698	≤ 28.64dBm/500kHz	Pass
	159	5795	4.302	5.193	100%	7.781	≤ 28.64dBm/500kHz	Pass

Note: When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = 10*log $\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/MHz).

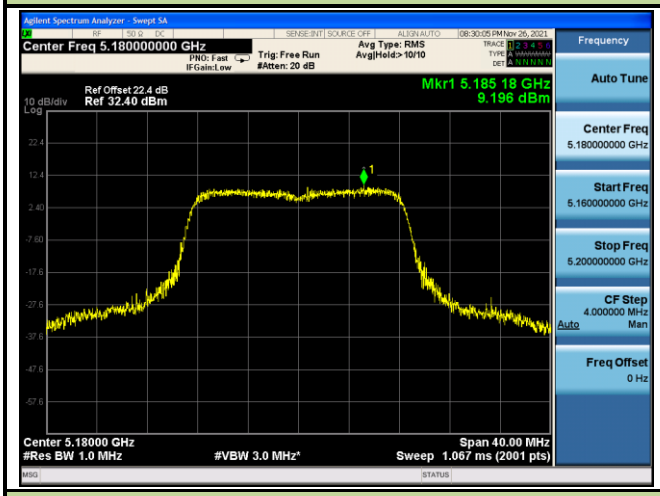
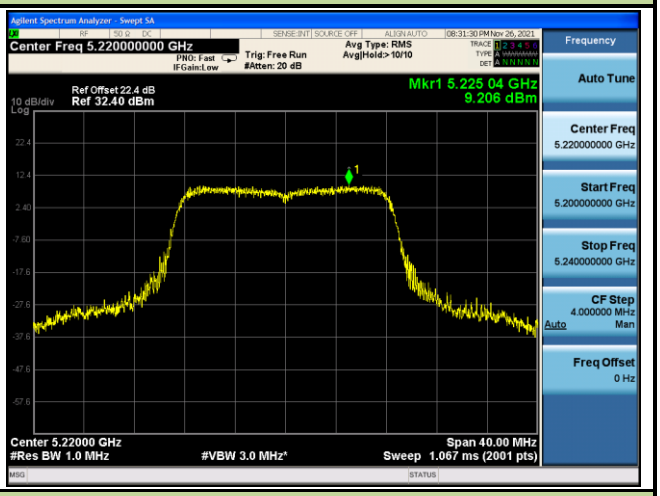
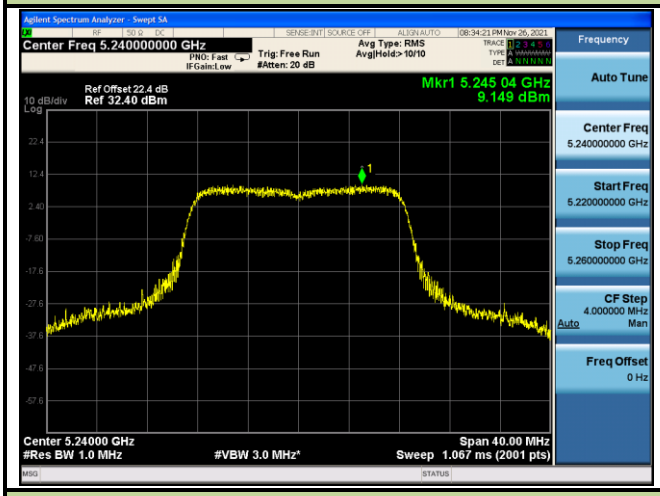
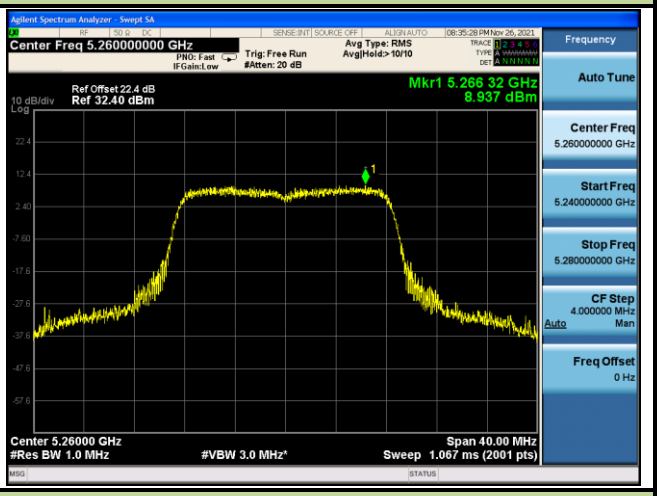
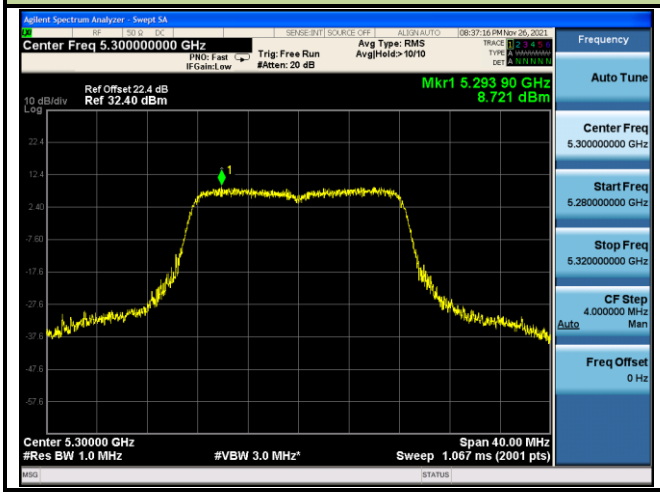
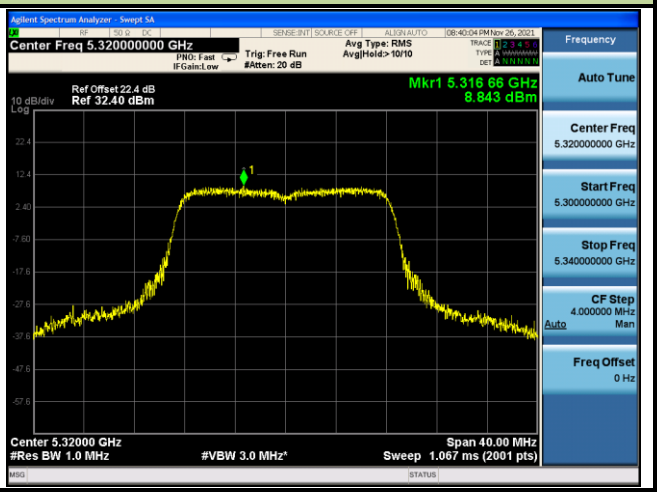
When EUT duty cycle < 98%, the total PSD (dBm/MHz) = 10*log $\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/MHz) + 10*log (1/Duty Cycle).

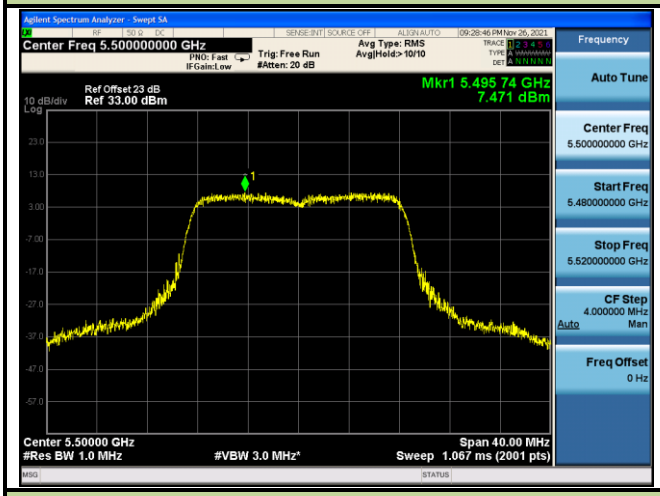
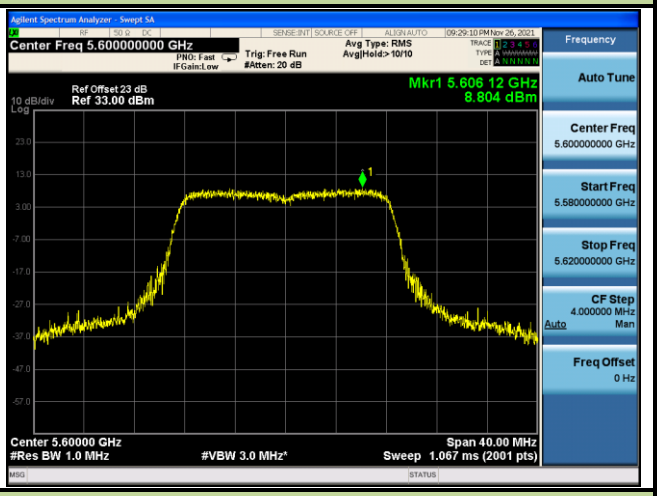
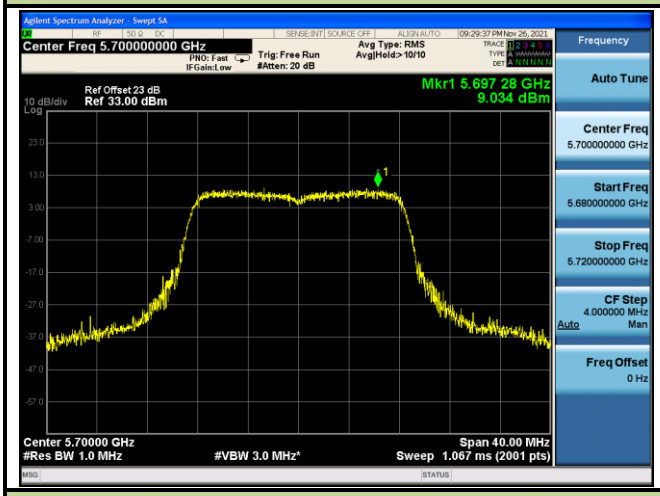
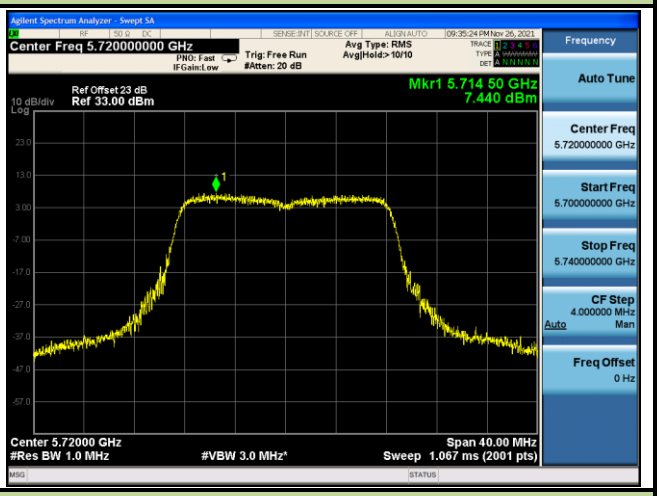
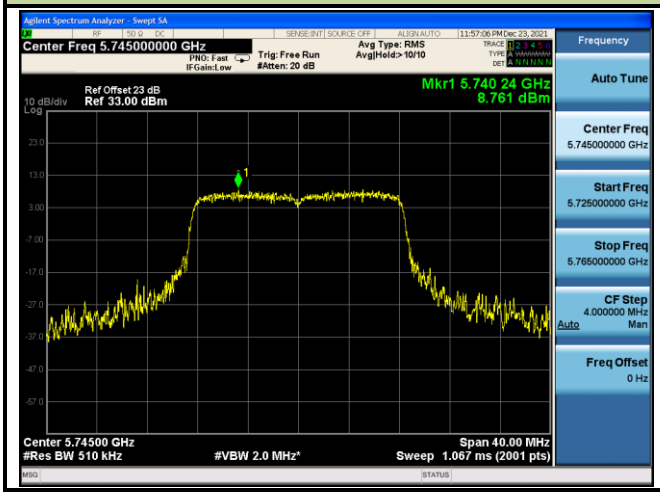
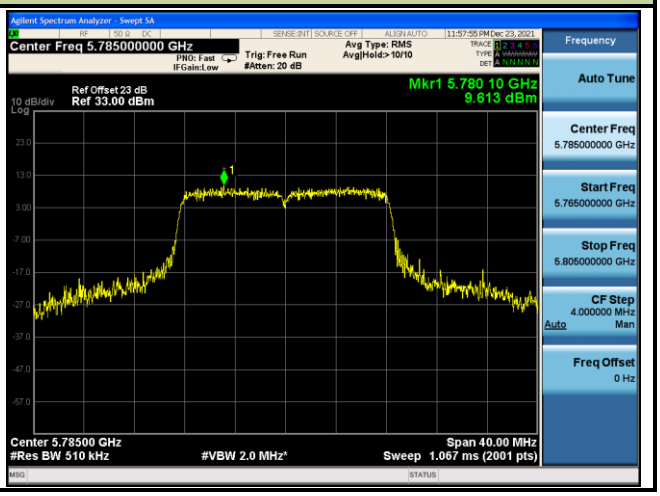
Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	Limit (dBm/MHz)	Result
			Ant 0	Ant 1				
TX- 802.11ac-VHT80_Band1 MIMO	42	5210	3.006	4.500	100%	6.827	≤ 9.53dBm/MHz	Pass
TX- 802.11ac-VHT80_Band2 MIMO	58	5290	3.580	5.061	100%	7.394	≤ 9.53dBm/MHz	Pass
TX- 802.11ac-VHT80_Band3 MIMO	106	5530	4.951	5.459	100%	8.223	≤ 9.43dBm/MHz	Pass
	122	5610	6.370	5.716	100%	9.066	≤ 9.43dBm/MHz	Pass
	138	5690	6.190	6.151	100%	9.181	≤ 9.43dBm/MHz	Pass

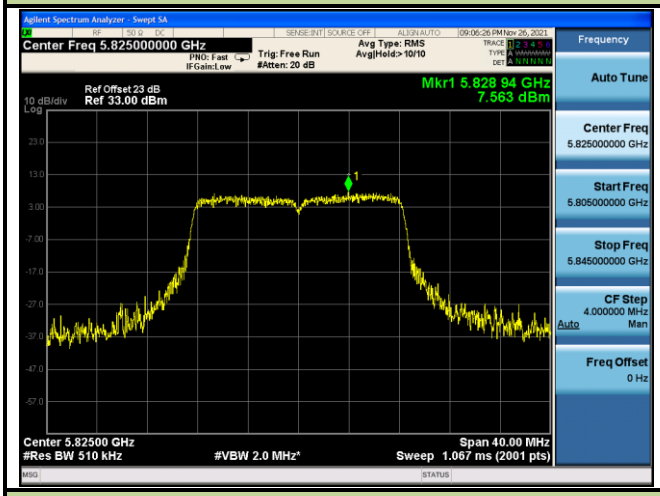
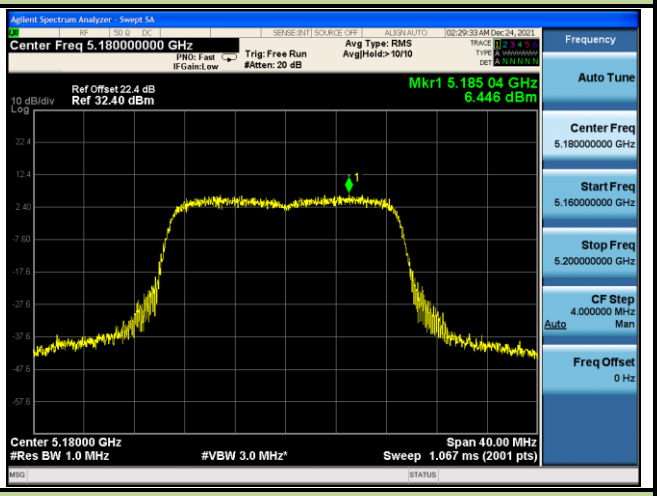
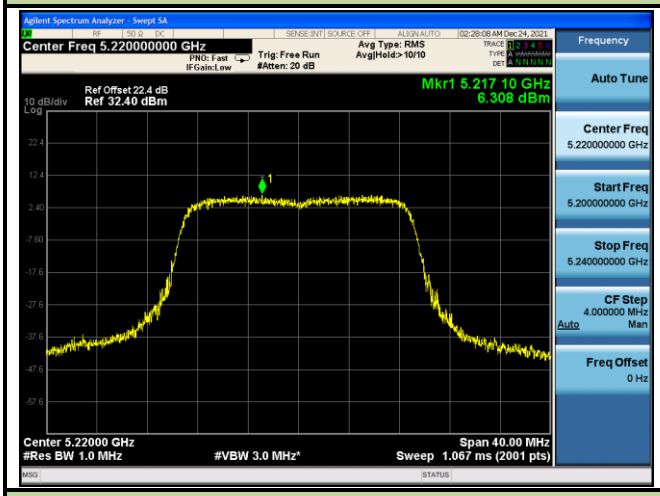
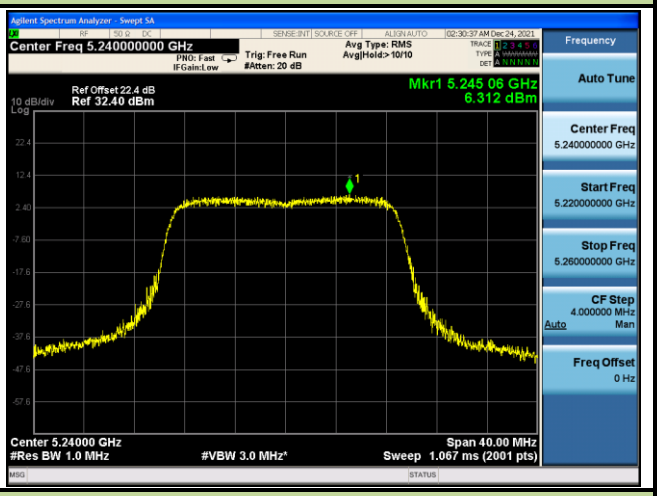
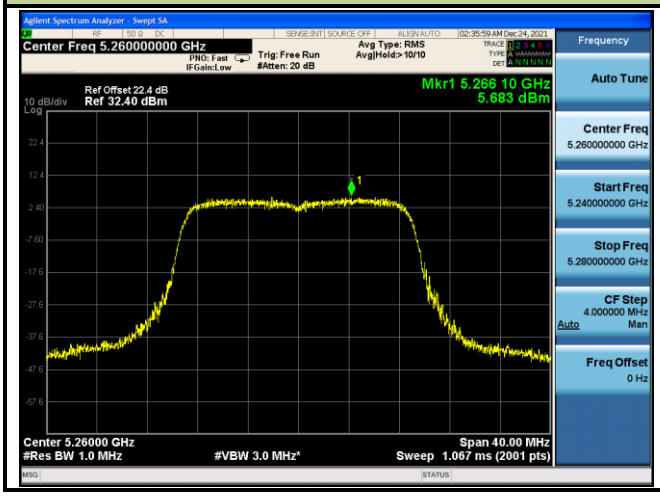
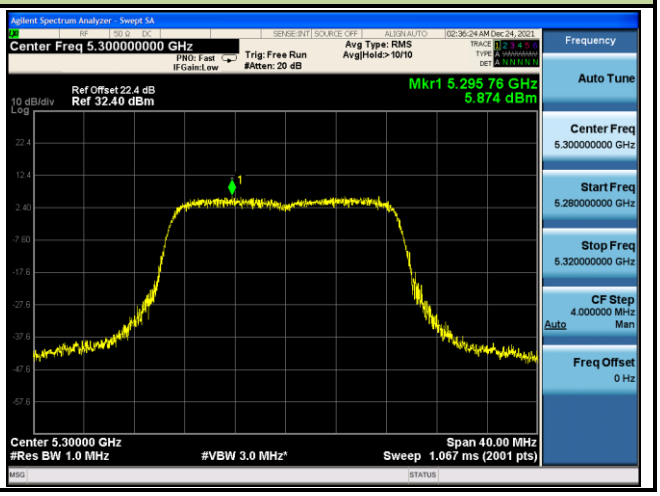
Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/500kHz)		Duty Cycle (%)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
			Ant 0	Ant 1				
TX- 802.11ac-VHT80_Band4 MIMO	155	5775	2.089	2.650	100%	5.389	≤ 28.64dBm/500kHz	Pass

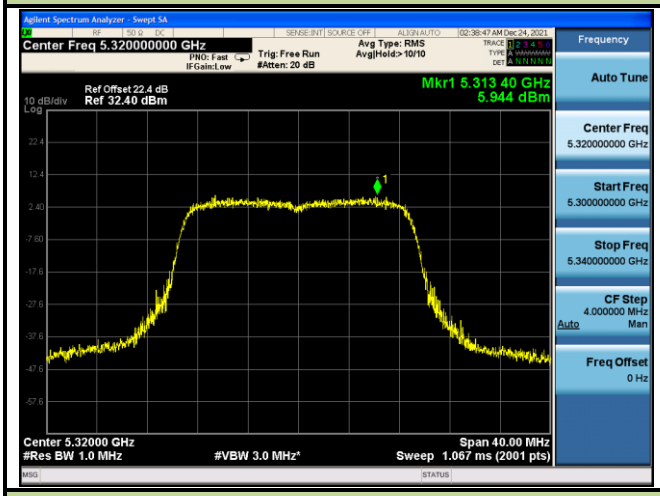
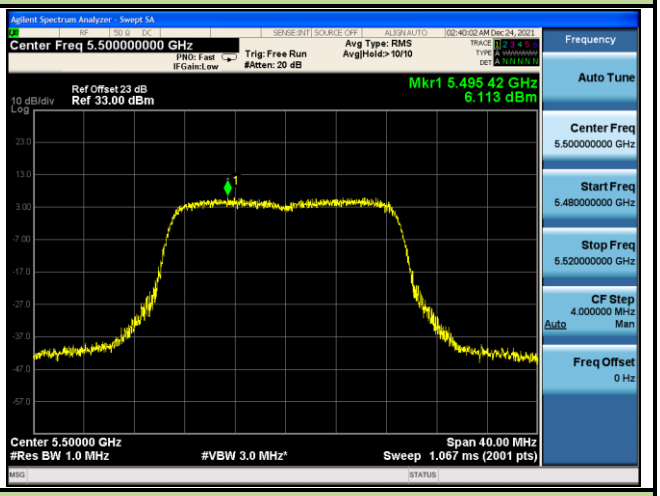
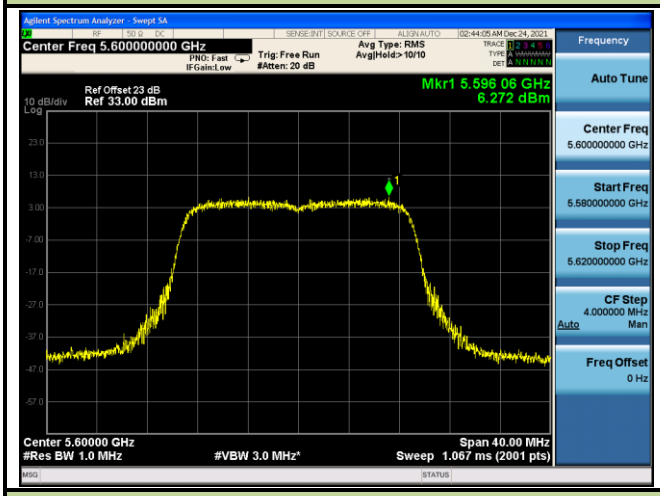
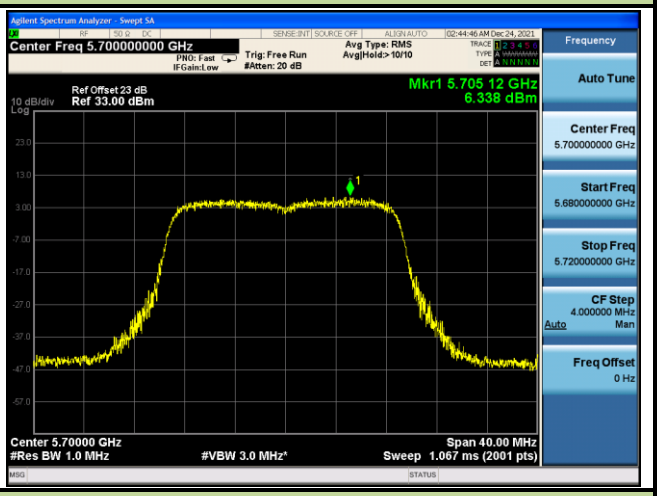
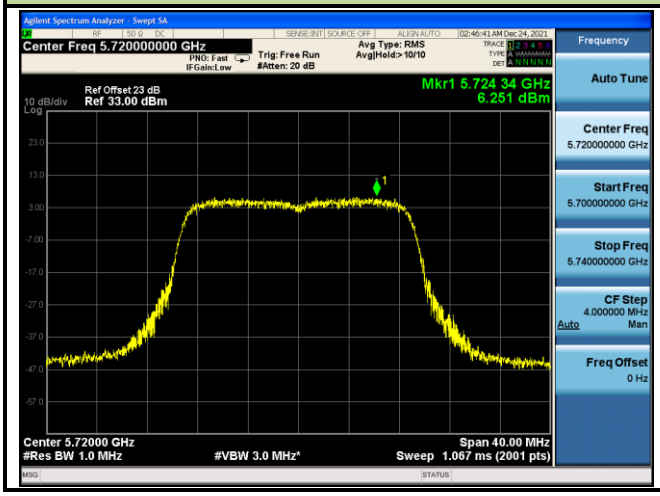
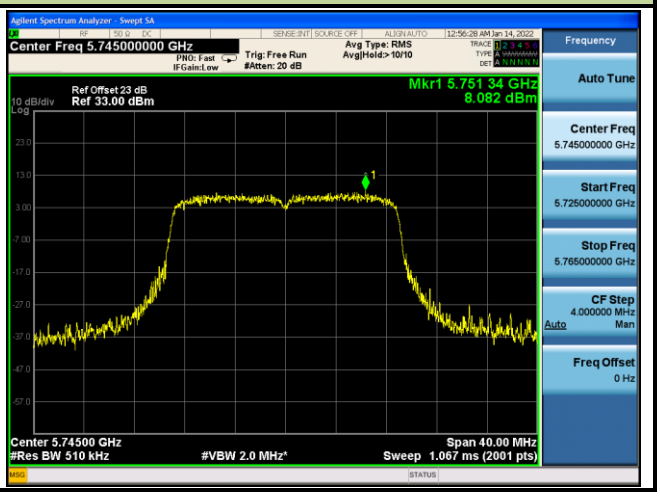
Note: When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = 10*log $\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/MHz).

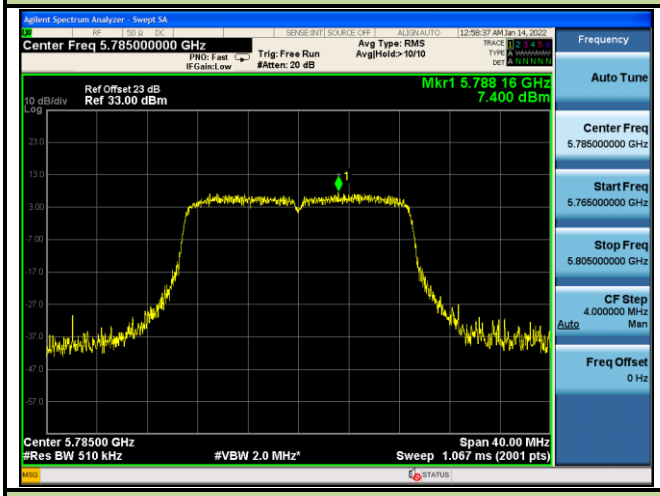
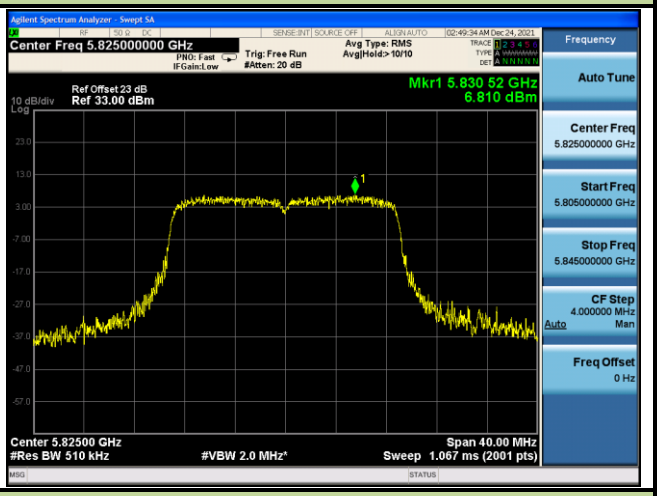
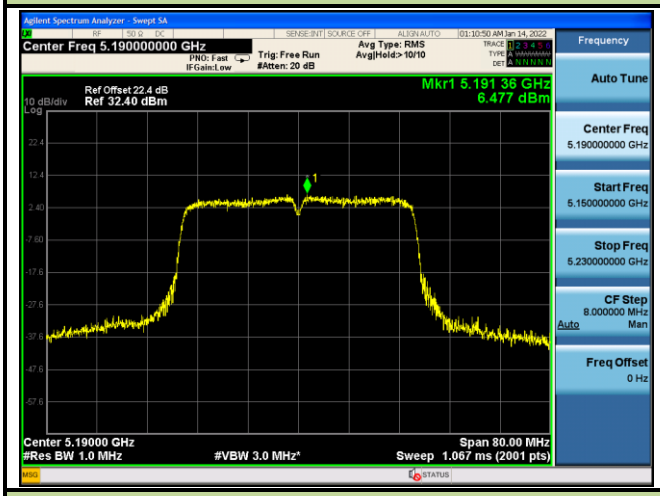
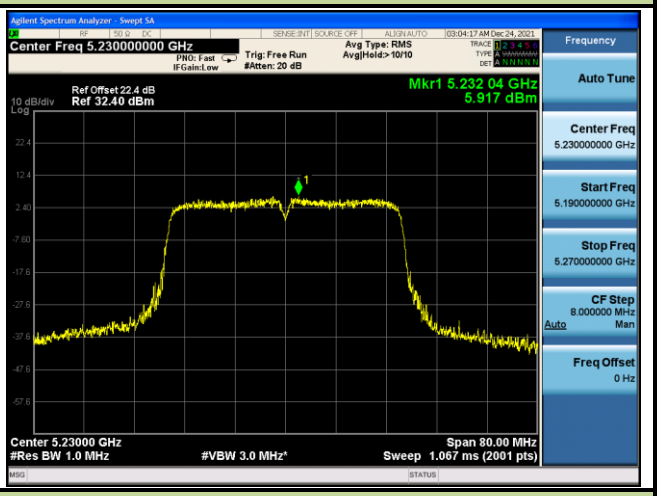
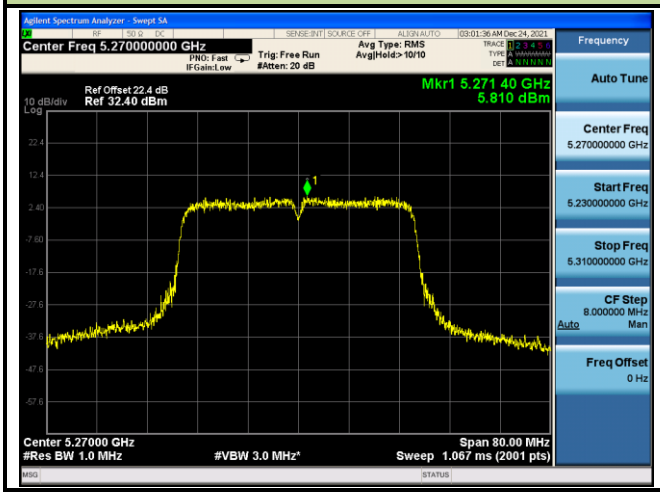
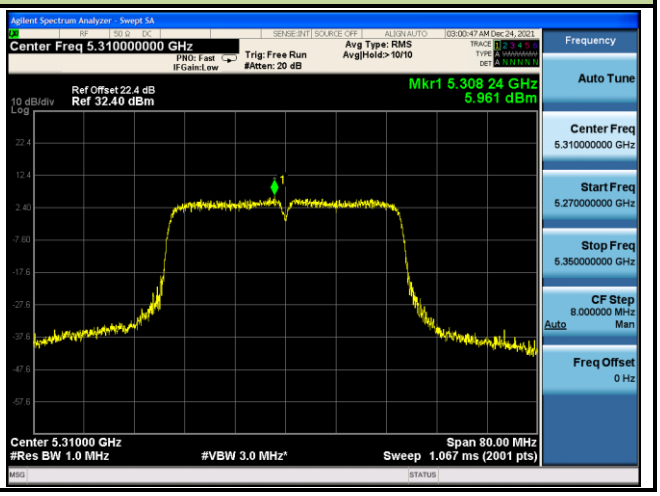
When EUT duty cycle < 98%, the total PSD (dBm/MHz) = 10*log $\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/MHz) + 10*log (1/Duty Cycle).

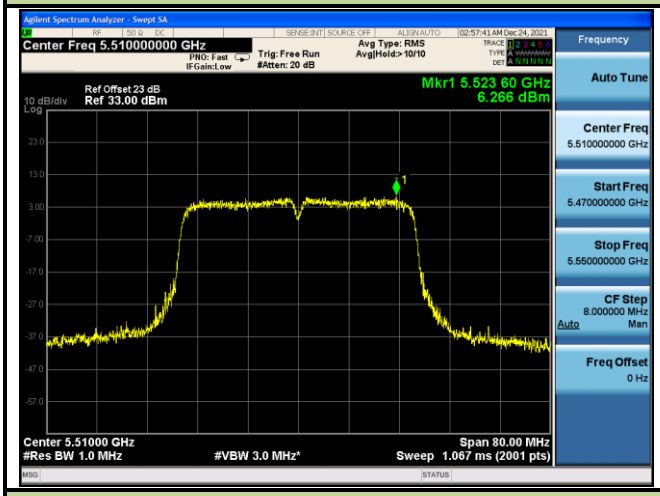
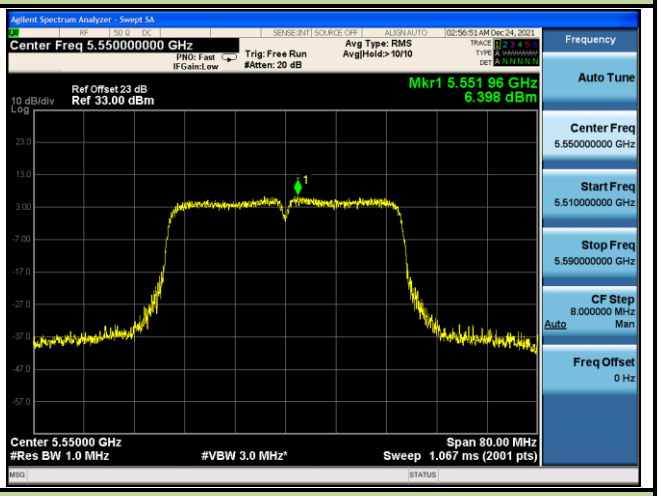
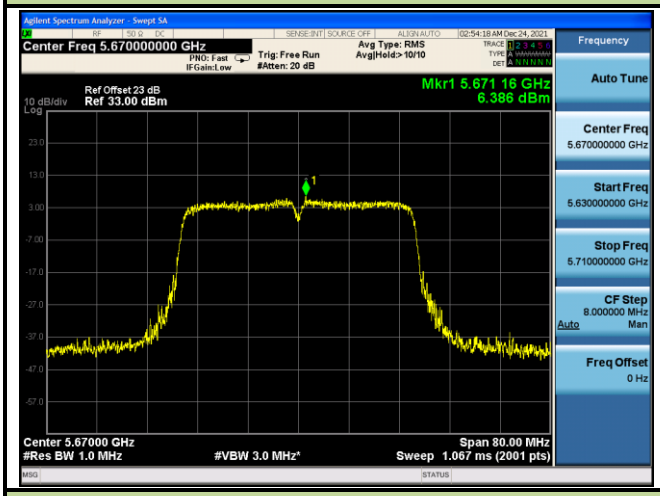
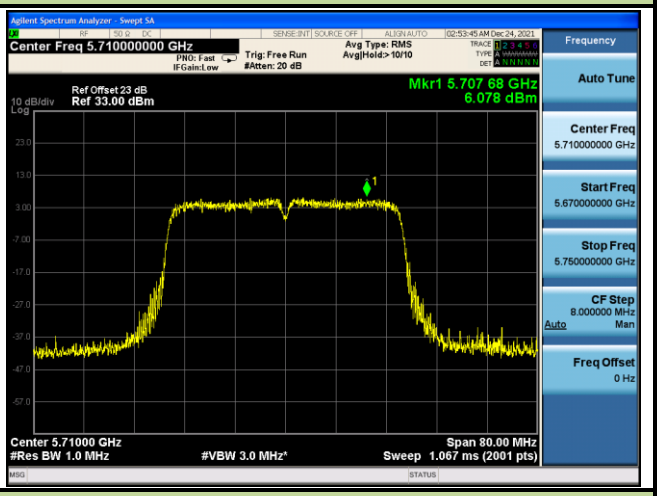
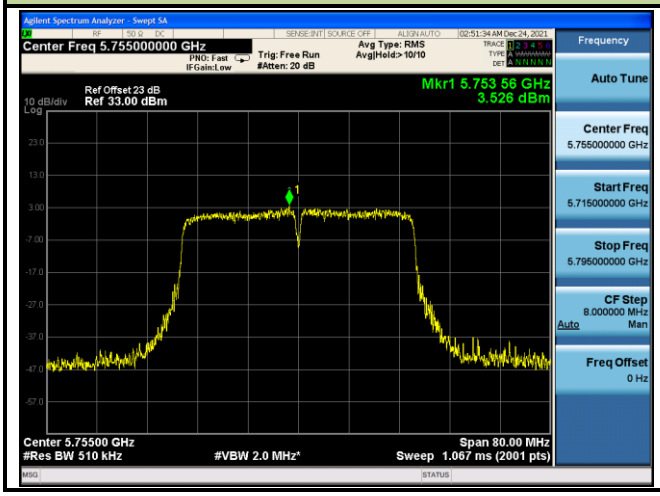
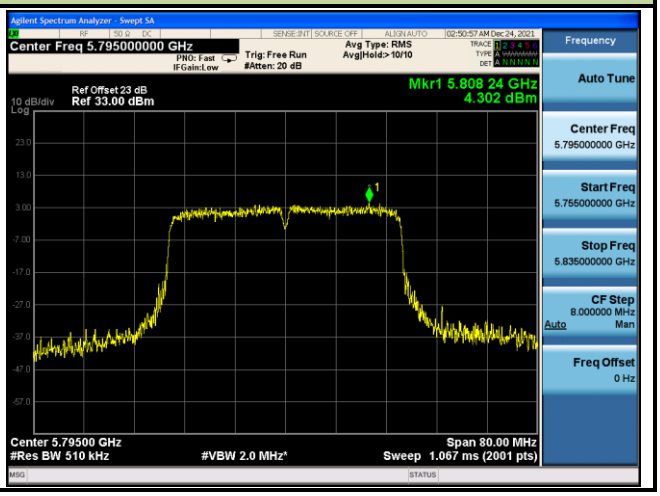
功率頻譜密度-Ant 0	
802.11 a CH36 (5180MHz)	802.11 a CH44 (5220MHz)
	
802.11 a CH48 (5240MHz)	802.11 a CH52 (5260MHz)
	
802.11 a CH60 (5300MHz)	802.11 a CH64 (5320MHz)
	

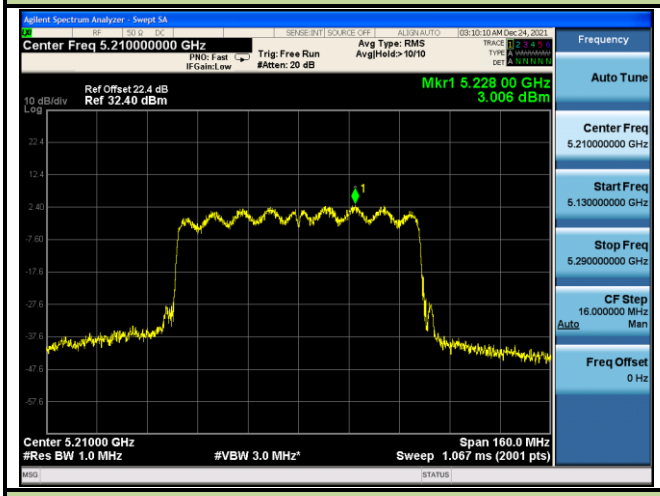
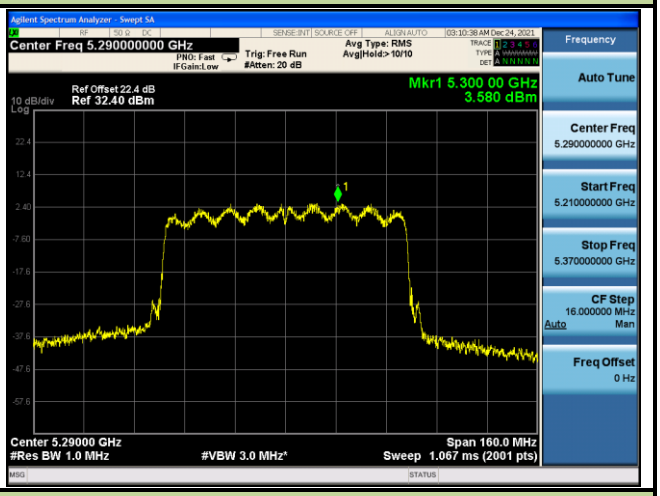
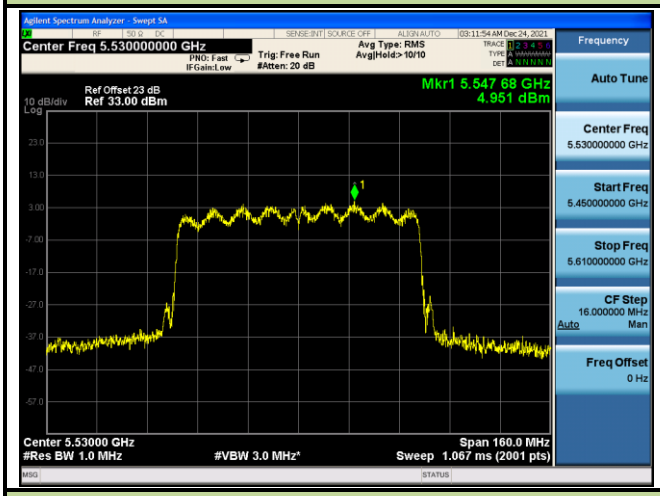
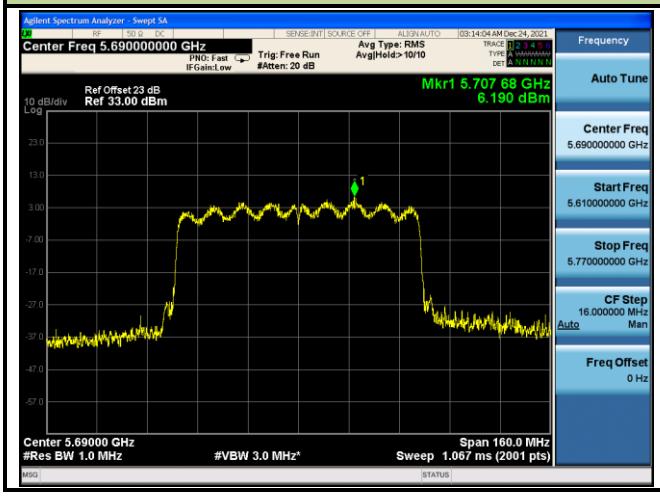
802.11 a CH100 (5500MHz)	802.11 a CH120 (5600MHz)
	
802.11 a CH140 (5700MHz)	**802.11 a CH144 (5720MHz)**
	
802.11 a CH149 (5745MHz)	**802.11 a CH157 (5785MHz)**
	

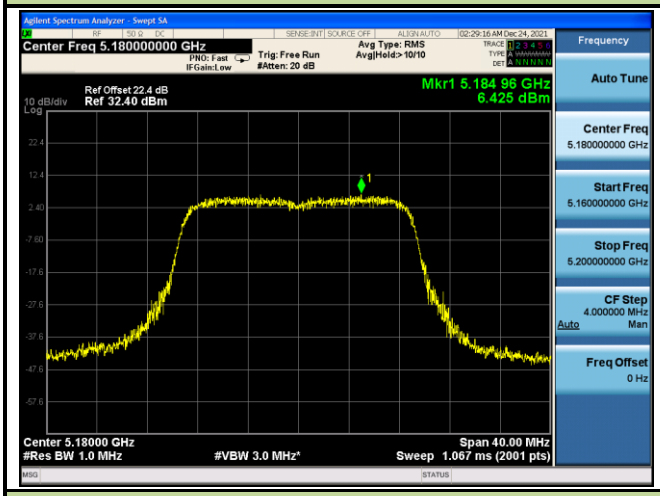
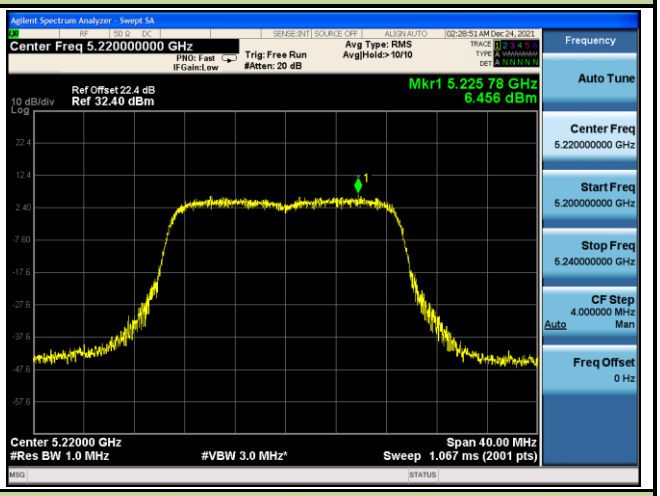
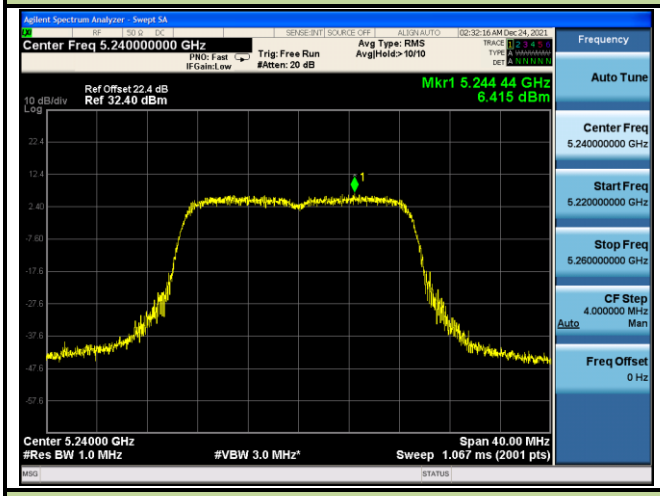
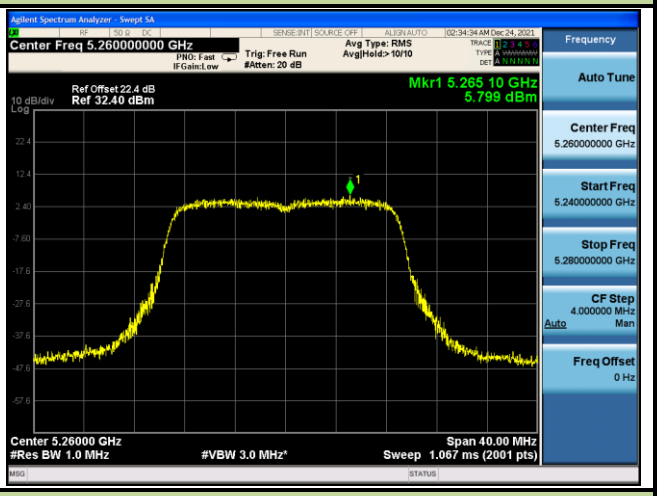
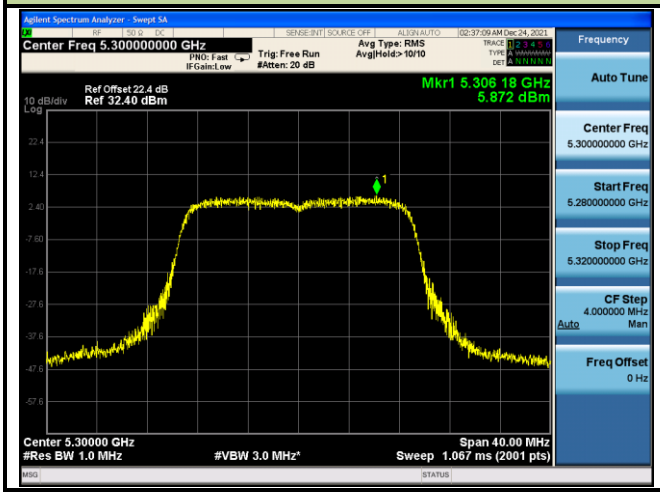
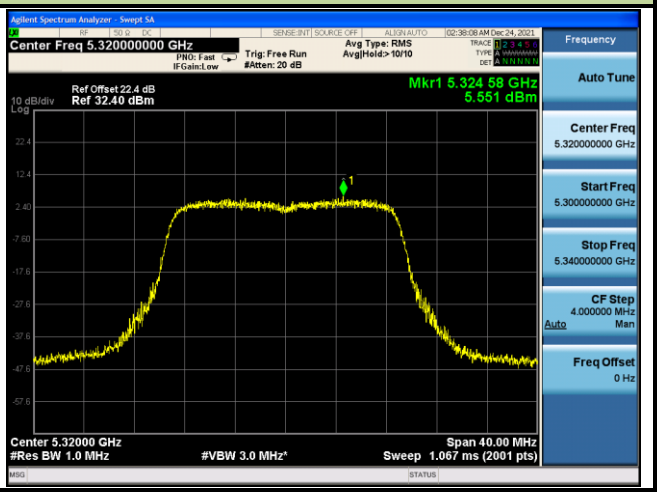
802.11 a CH165 (5825MHz)	802.11ac-VHT20 CH36 (5180MHz)
	
802.11ac-VHT20 CH44 (5220MHz)	**802.11ac-VHT20 CH48 (5240MHz)**
	
802.11ac-VHT20 CH52 (5260MHz)	**802.11ac-VHT20 CH60 (5300MHz)**
	

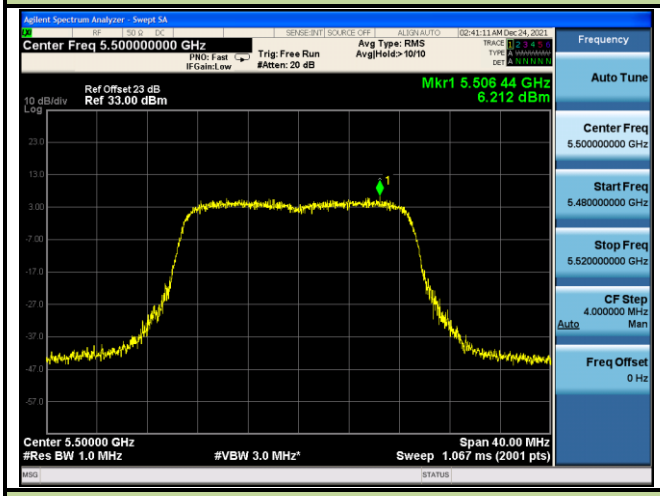
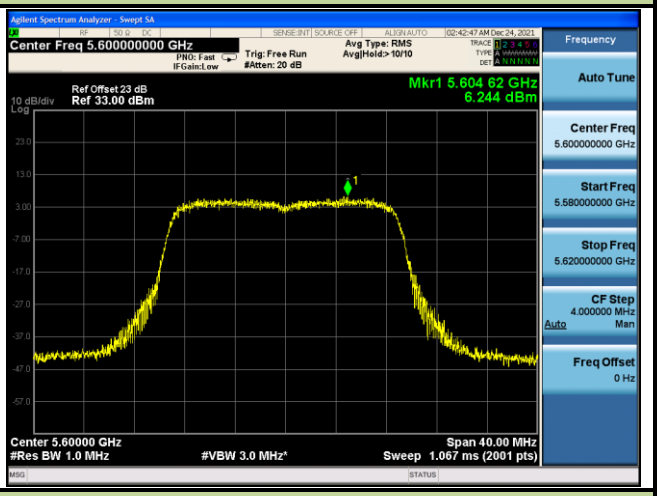
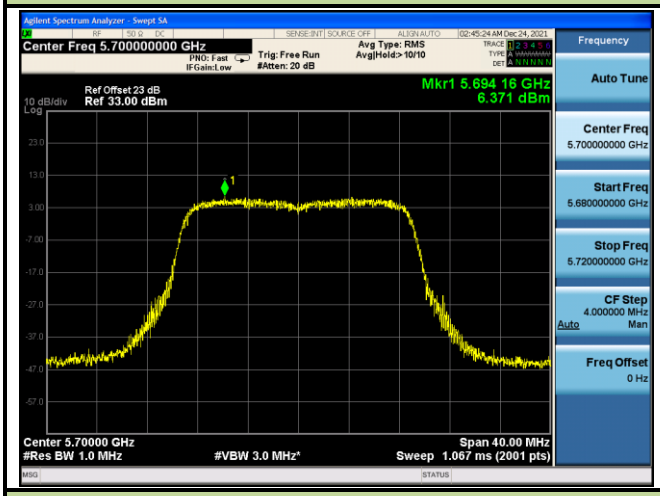
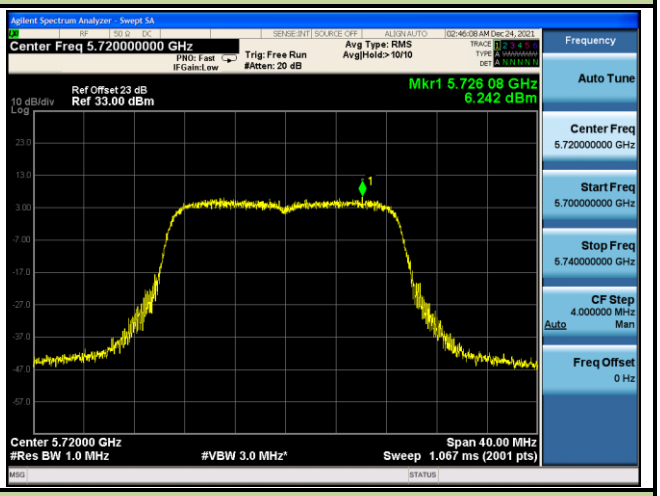
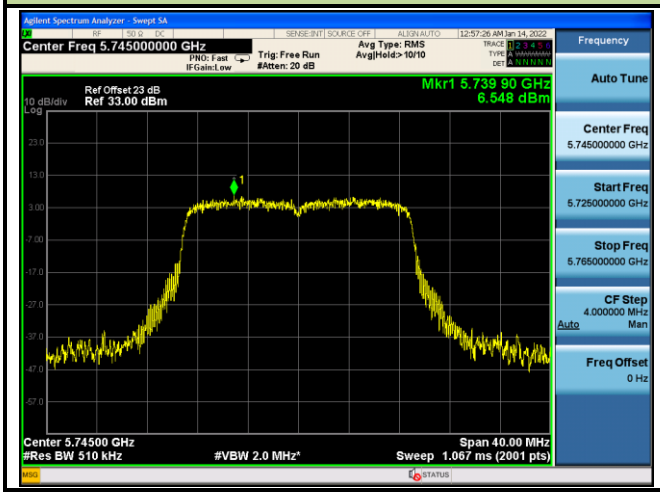
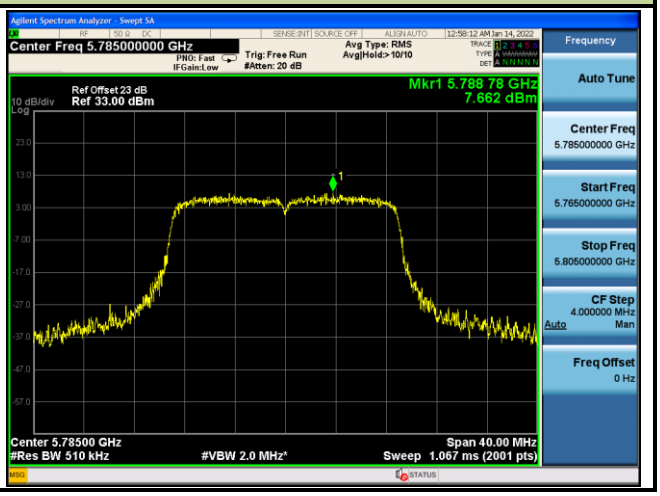
802.11ac-VHT20 CH64 (5320MHz)	802.11ac-VHT20 CH100 (5500MHz)
	
802.11ac-VHT20 CH120 (5600MHz)	**802.11ac-VHT20 CH140 (5700MHz)**
	
802.11ac-VHT20 CH144 (5720MHz)	**802.11ac-VHT20 CH149 (5745MHz)**
	

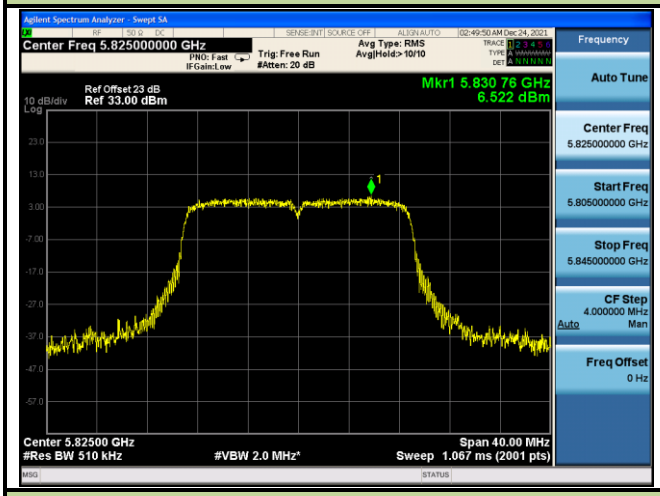
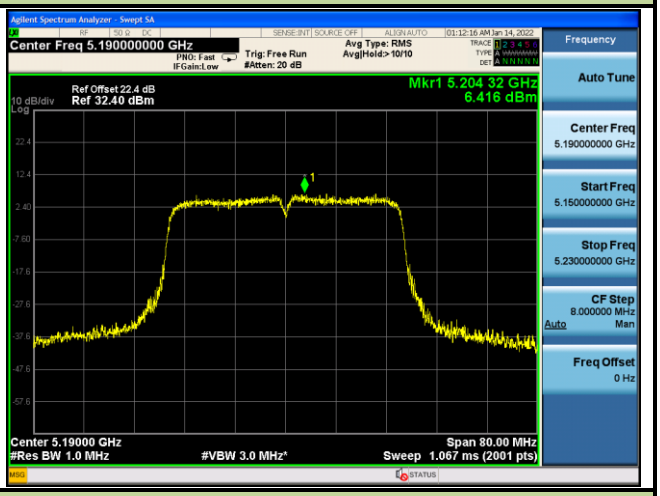
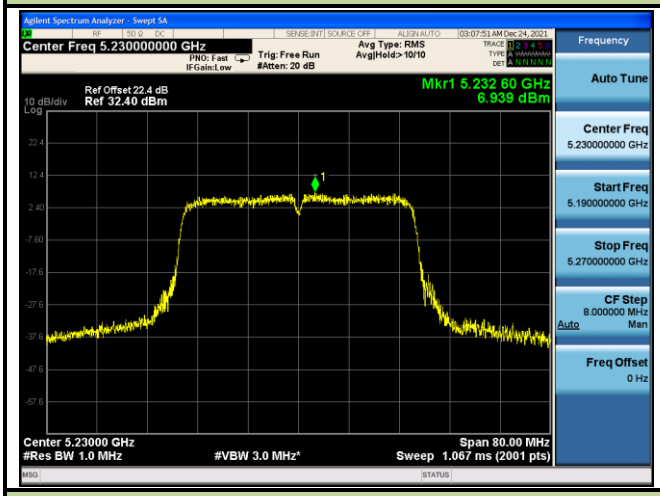
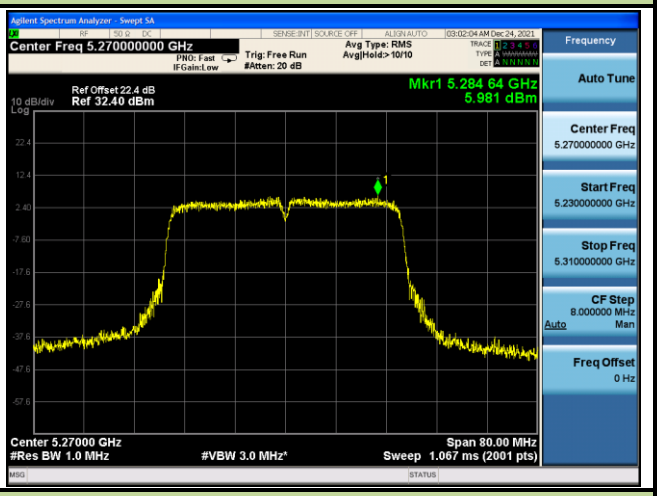
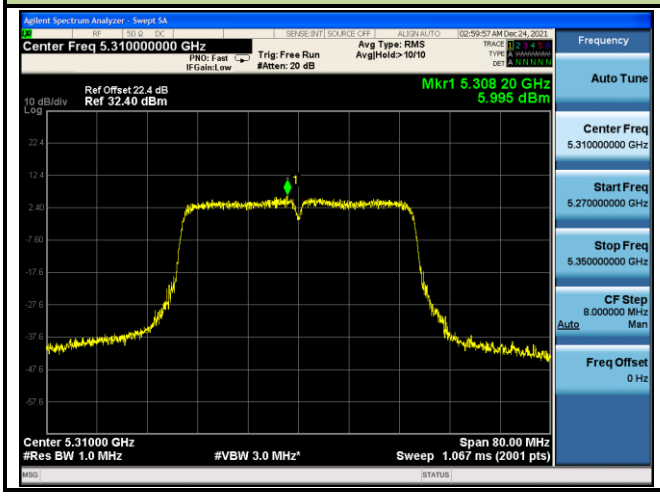
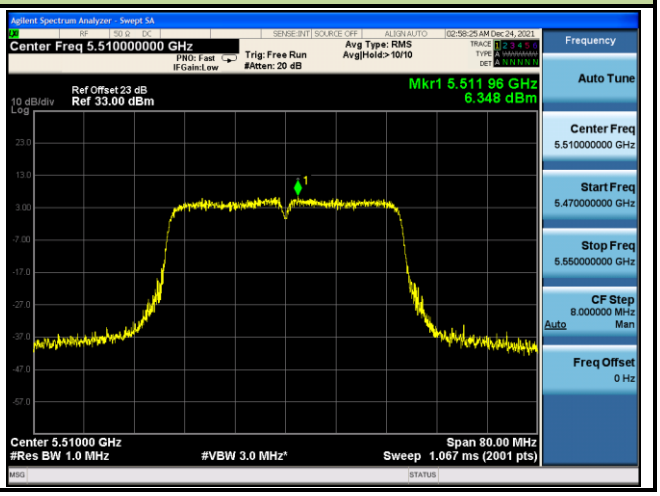
802.11ac-VHT20 CH157 (5785MHz)	802.11ac-VHT20 CH165 (5825MHz)
	
802.11ac-VHT40 CH38 (5190MHz)	**802.11ac-VHT40 CH46 (5230MHz)**
	
802.11ac-VHT40 CH54 (5270MHz)	**802.11ac-VHT40 CH62 (5310MHz)**
	

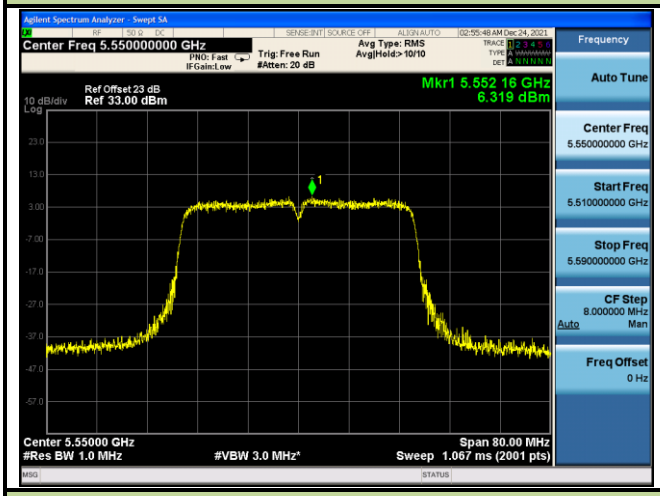
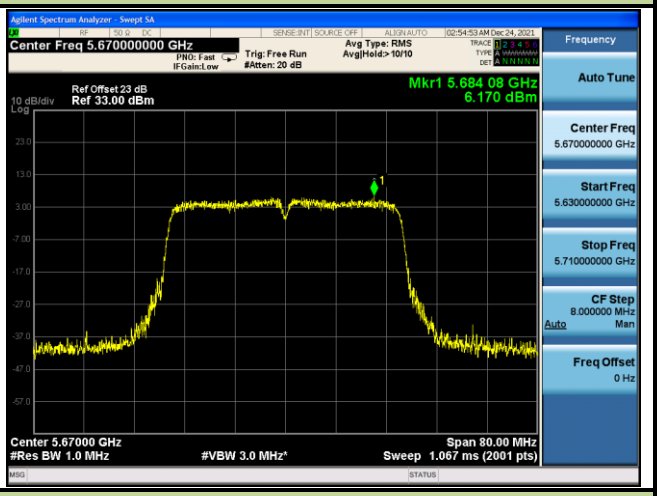
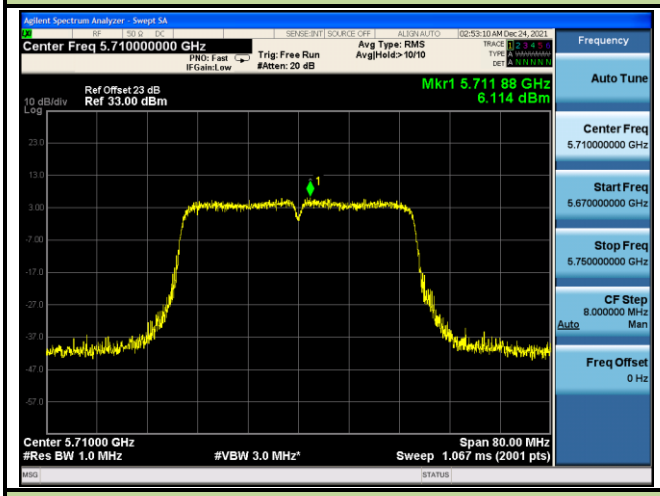
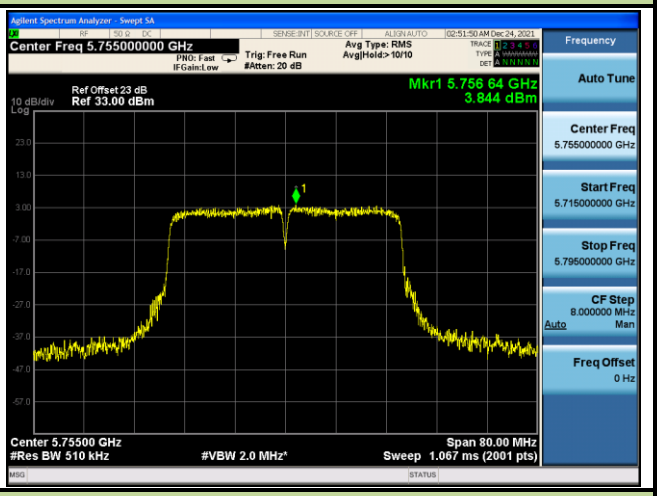
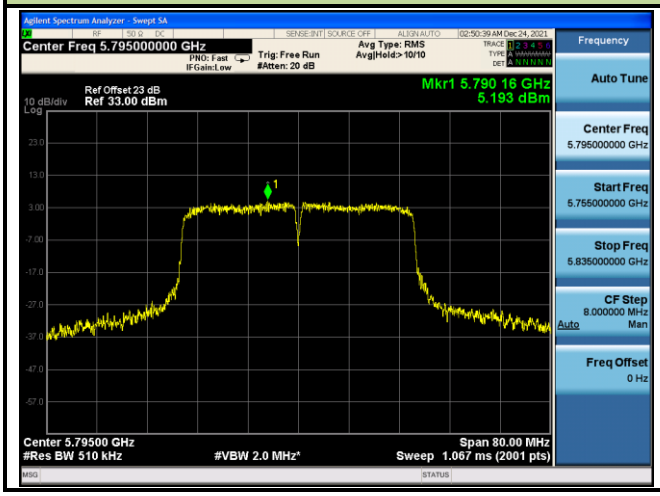
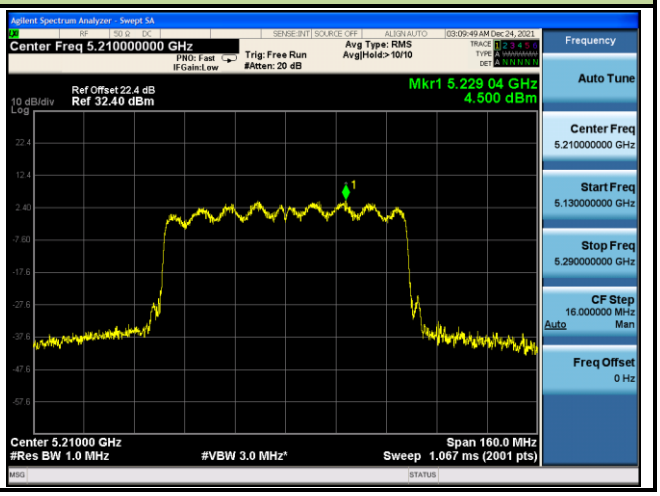
802.11ac-VHT40 CH102 (5510MHz)	802.11ac-VHT40 CH110 (5550MHz)
	
802.11ac-VHT40 CH134 (5670MHz)	**802.11ac-VHT40 CH142 (5710MHz)**
	
802.11ac-VHT40 CH151 (5755MHz)	**802.11ac-VHT40 CH159 (5795MHz)**
	

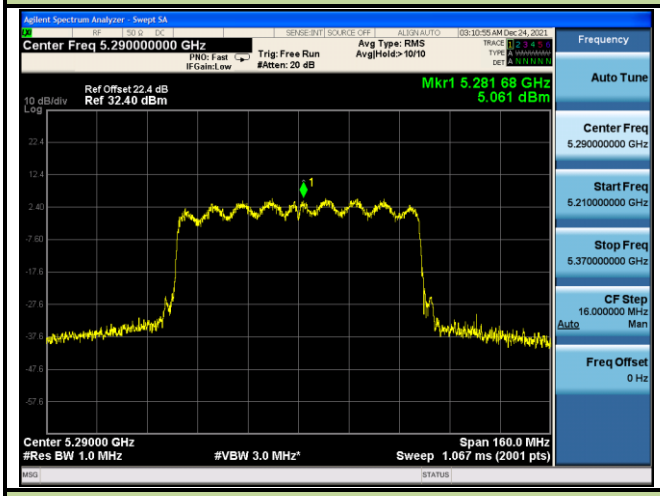
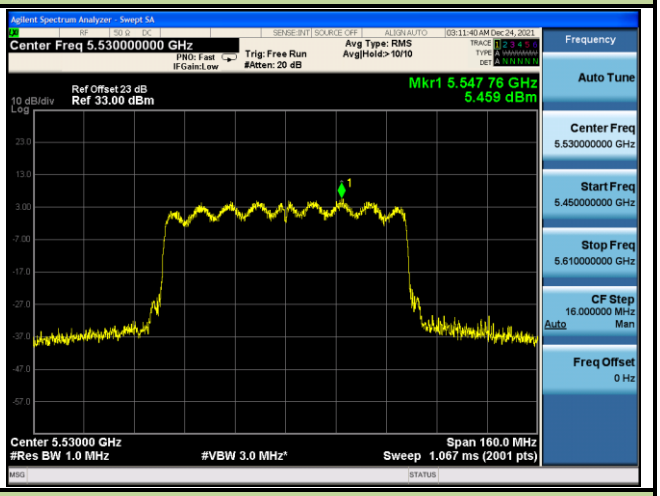
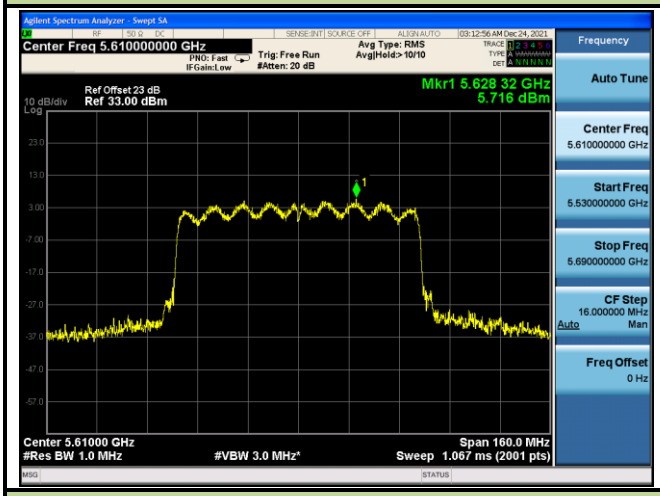
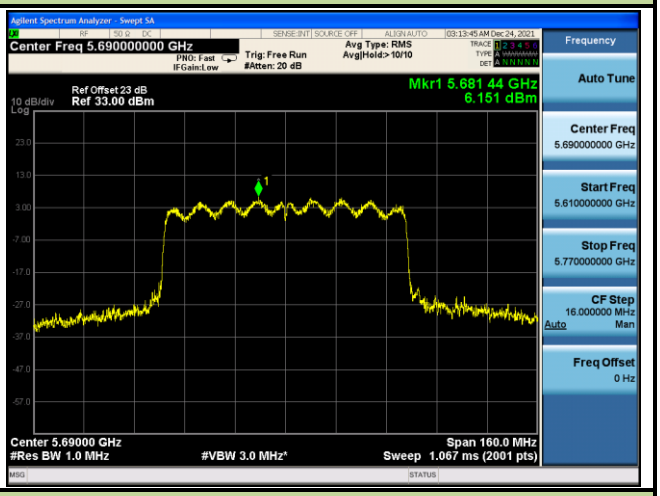
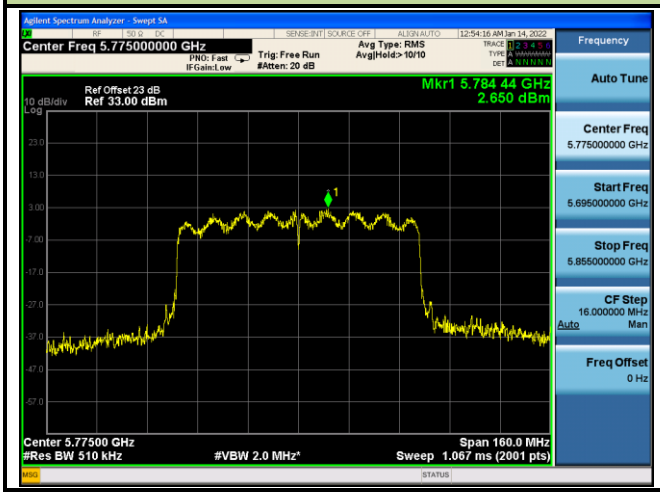
802.11 ac-VHT80 CH42 (5210MHz)	802.11 ac-VHT80 CH58 (5290MHz)
	
802.11 ac-VHT80 CH106 (5530MHz)	**802.11 ac-VHT80 CH122(5610MHz)**
	
802.11 ac-VHT80 CH138 (5690MHz)	**802.11 ac-VHT80 CH155 (5775MHz)**
	

功率頻譜密度-Ant 1	
802.11ac-VHT20 CH36 (5180MHz)	802.11ac-VHT20 CH44 (5220MHz)
	
802.11ac-VHT20 CH48 (5240MHz)	802.11ac-VHT20 CH52 (5260MHz)
	
802.11ac-VHT20 CH60 (5300MHz)	802.11ac-VHT20 CH64 (5320MHz)
	

802.11ac-VHT20 CH100 (5500MHz)	802.11ac-VHT20 CH120 (5600MHz)
	
802.11ac-VHT20 CH140 (5700MHz)	**802.11ac-VHT20 CH144 (5720MHz)**
	
802.11ac-VHT20 CH149 (5745MHz)	**802.11ac-VHT20 CH157 (5785MHz)**
	

802.11ac-VHT20 CH165 (5825MHz)	802.11ac-VHT40 CH38 (5190MHz)
	
802.11ac-VHT40 CH46 (5230MHz)	**802.11ac-VHT40 CH54 (5270MHz)**
	
802.11ac-VHT40 CH62 (5310MHz)	**802.11ac-VHT40 CH102 (5510MHz)**
	

802.11ac-VHT40 CH110 (5550MHz)	802.11ac-VHT40 CH134 (5670MHz)
	
802.11ac-VHT40 CH142 (5710MHz)	**802.11ac-VHT40 CH151 (5755MHz)**
	
802.11ac-VHT40 CH159 (5795MHz)	**802.11 ac-VHT80 CH42 (5210MHz)**
	

802.11 ac-VHT80 CH58 (5290MHz)	802.11 ac-VHT80 CH106 (5530MHz)
	
802.11 ac-VHT80 CH122(5610MHz)	**802.11 ac-VHT80 CH138 (5690MHz)**
	
802.11 ac-VHT80 CH155 (5775MHz)	
	

The End