

附錄 一

受測裝置之測試結果

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1. 場強輻射之量測

對受測物裝置之其他不必要之發射(測至本地頻率之 10 次諧波)依下列測試模式分別於電波暗室內進行量測；受測物裝置有兩種供電模式分別為(1)電池(DC 7.2V)、(2)USB (DC 5V)，實驗室先兩種供電方式進行評估，再以較差之電池供電模式分別進行三種不同的擺設方式(平放、站立、側立)模式進行量試評估，最後選取最大場強值的擺設方式-(站立)以低、中、高頻率來進行量測，並將下列測試模式之掃頻圖檢附於附錄中；最後，選擇較差模式進行讀值之測量，所得讀值資料請見章節 1.1 ~ 1.2：

支援 IEEE 802.11a/n/ac，依測試要求評估低、中、高頻率，並檢附三頻率之最差模式於此測試報告中。

模式	動作狀態	基本頻率		量測頻率範圍
802.11a	發射	UNII Band I	5240MHz (CH48)	1000-40000MHz
		UNII Band II	5260MHz (CH52)	
		UNII Band III	5580MHz (CH116)	
		UNII Band IV	5745MHz (CH149)	
802.11n-HT20	發射	UNII Band I	5240MHz (CH48)	1000-40000MHz
		UNII Band II	5260MHz (CH52) *	30-1000MHz
				1000-40000MHz
		UNII Band III	5580MHz (CH116)	1000-40000MHz
		UNII Band IV	5745MHz (CH149)	
802.11n-HT40	發射	UNII Band I	5230MHz (CH46)	1000-40000MHz
		UNII Band II	5270MHz (CH54)	
		UNII Band III	5550MHz (CH110)	
		UNII Band IV	5755MHz (CH151)	
802.11ac-VHT80	發射	UNII Band I	5210MHz (CH42)	1000-40000MHz
		UNII Band II	5290MHz (CH58)	
		UNII Band III	5530MHz (CH106)	
		UNII Band IV	5775MHz (CH155)	1000-40000MHz
---	接收	UNII Band III	5260MHz (CH52)	30-1000MHz
				1000-40000MHz

註: *: 經評估後，以最差頻率進行 30-1000MHz 量測。

對受測物裝置落於技術規範第 2.7 章節的禁用頻帶之混附發射以下列測試模式依規定分別進行量測，所得量測資料請見章節 1.3。

模式	動作狀態	基本頻率		量測頻率範圍
802.11a	發射	UNII Band I	5180MHz (CH36)	5100-5200MHz
		UNII Band II	5320MHz (CH64)	5300-5400MHz
		UNII Band III	5500MHz (CH100)	5420-5520MHz
			5700MHz (CH140)	5660-5760MHz
802.11n-HT20	發射	UNII Band I	5180MHz (CH36)	5100-5200MHz
		UNII Band II	5320MHz (CH64)	5300-5400MHz
		UNII Band III	5500MHz (CH100)	5420-5520MHz
			5700MHz (CH140)	5660-5760MHz
802.11n-HT40	發射	UNII Band I	5190MHz (CH38)	5100-5210MHz
		UNII Band II	5310MHz (CH62)	5290-5400MHz
		UNII Band III	5510MHz (CH102)	5420-5530MHz
			5670MHz (CH134)	5650-5760MHz
802.11ac-VHT80	發射	UNII Band I	5210MHz (CH42)	5100-5250MHz
		UNII Band II	5290MHz (CH58)	5250-5400MHz
		UNII Band III	5530MHz (CH106)	5420-5570MHz

測試日期	2019/07/02	環境溫/濕度	20~21℃/52~54%
測試電壓	DC 7.4V (透過鋰電池供電)		

1.1. 30-1000MHz 頻率範圍，其他不必要發射量測

● Normal 模式

Mode	無線操作	Frequency	---
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
30.97	25.03	1.21	1.97	28.21	40.00	11.79	Peak
91.11	15.66	2.18	5.48	23.32	43.50	20.18	Peak
469.41	23.33	6.50	1.57	31.40	46.00	14.60	Peak
687.66	25.36	7.30	1.56	34.22	46.00	11.78	Peak
797.27	26.45	7.89	1.67	36.01	46.00	9.99	Peak
934.04	27.59	8.66	1.95	38.20	46.00	7.80	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
30.00	25.72	1.19	7.32	34.23	40.00	5.77	Peak
57.16	13.09	1.68	17.97	32.74	40.00	7.26	Peak
95.96	16.65	2.24	12.64	31.53	43.50	11.97	Peak
444.19	23.02	6.28	1.76	31.06	46.00	14.94	Peak
684.75	25.35	7.29	1.89	34.53	46.00	11.47	Peak
949.56	27.69	8.75	2.63	39.07	46.00	6.93	Peak

● Wireless LAN 模式

Mode	802.11n-HT20	UNII Band	II
		Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
30.00	25.72	1.19	1.74	28.65	40.00	11.35	Peak
141.55	17.49	2.79	4.14	24.42	43.50	19.08	Peak
495.60	23.66	6.72	1.37	31.75	46.00	14.25	Peak
684.75	25.35	7.29	1.28	33.92	46.00	12.08	Peak
825.40	26.70	8.05	2.36	37.11	46.00	8.89	Peak
993.21	28.02	9.00	1.19	38.21	54.00	15.79	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
30.00	25.72	1.19	8.76	35.67	40.00	4.33	Peak
59.10	12.69	1.72	17.85	32.26	40.00	7.74	Peak
281.23	19.38	4.26	4.01	27.65	46.00	18.35	Peak
610.06	24.84	6.93	2.26	34.03	46.00	11.97	Peak
825.40	26.70	8.05	1.49	36.24	46.00	9.76	Peak
935.98	27.59	8.67	1.46	37.72	46.00	8.28	Peak

Mode	---	Frequency	RX 5260MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
30.00	25.72	1.19	0.73	27.64	40.00	12.36	Peak
93.05	16.05	2.20	4.07	22.32	43.50	21.18	Peak
466.50	23.31	6.48	0.90	30.69	46.00	15.31	Peak
616.85	24.88	6.97	0.90	32.75	46.00	13.25	Peak
834.13	26.77	8.10	1.54	36.41	46.00	9.59	Peak
982.54	27.94	8.94	1.91	38.79	54.00	15.21	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
30.00	25.72	1.19	7.32	34.23	40.00	5.77	Peak
57.16	13.09	1.68	17.97	32.74	40.00	7.26	Peak
95.96	16.65	2.24	12.64	31.53	43.50	11.97	Peak
444.19	23.02	6.28	1.76	31.06	46.00	14.94	Peak
684.75	25.35	7.29	1.89	34.53	46.00	11.47	Peak
949.56	27.69	8.75	2.63	39.07	46.00	6.93	Peak

1.2. 1000MHz 以上頻率範圍，其他不必要發射量測

頻率範圍量測至 40GHz，其他未列在報告上乃因訊號太小無法量測。

Mode	802.11a	Frequency	TX 5240MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.89	14.84	-3.22	49.51	54.00	4.49	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.89	14.84	-4.19	48.54	54.00	5.46	Peak

Mode	802.11a	Frequency	TX 5260MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.90	14.86	-2.28	50.48	54.00	3.52	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.90	14.86	-3.40	49.36	54.00	4.64	Peak

Mode	802.11a	Frequency	TX 5580MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11166.00	38.30	15.20	-3.88	49.62	54.00	4.38	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11166.00	38.30	15.20	-3.81	49.69	54.00	4.31	Peak

Mode	802.11a	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11489.00	38.30	15.35	-3.42	50.23	54.00	3.77	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11489.00	38.30	15.35	-3.85	49.80	54.00	4.20	Peak

Mode	802.11n-HT20	Frequency	TX 5240MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10486.00	37.89	14.84	-3.50	49.23	54.00	4.77	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10486.00	37.89	14.84	-2.74	49.99	54.00	4.01	Peak

Mode	802.11n-HT20	Frequency	TX 5260MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10520.00	37.90	14.86	-2.92	49.84	54.00	4.16	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10520.00	37.90	14.86	-3.37	49.39	54.00	4.61	Peak

Mode	802.11n-HT20	Frequency	TX 5580MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11166.00	38.30	15.20	-3.77	49.73	54.00	4.27	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11166.00	38.30	15.20	-3.77	49.73	54.00	4.27	Peak

Mode	802.11n-HT20	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11489.00	38.30	15.35	-4.49	49.16	54.00	4.84	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11489.00	38.30	15.35	-4.26	49.39	54.00	4.61	Peak

Mode	802.11n-HT40	Frequency	TX 5230MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10452.00	37.89	14.82	-4.16	48.55	54.00	5.45	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10452.00	37.89	14.82	-3.21	49.50	54.00	4.50	Peak

Mode	802.11n-HT40	Frequency	TX 5270MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10537.00	37.93	14.87	-4.54	48.26	54.00	5.74	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10537.00	37.93	14.87	-3.96	48.84	54.00	5.16	Peak

Mode	802.11n-HT40	Frequency	TX 5550MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11098.00	38.30	15.17	-2.39	51.08	54.00	2.92	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11098.00	38.30	15.17	-3.54	49.93	54.00	4.07	Peak

Mode	802.11n-HT40	Frequency	TX 5755MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11510.00	38.30	15.36	-3.43	50.23	54.00	3.77	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11510.00	38.30	15.36	-4.02	49.64	54.00	4.36	Peak

Mode	802.11ac-VHT80	Frequency	TX 5210MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10420.00	37.88	14.81	-3.80	48.89	54.00	5.11	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10420.00	37.88	14.81	-3.72	48.97	54.00	5.03	Peak

Mode	802.11ac-VHT80	Frequency	TX 5290MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10580.00	37.95	14.89	-4.25	48.59	54.00	5.41	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10580.00	37.95	14.89	-3.35	49.49	54.00	4.51	Peak

Mode	802.11ac-VHT80	Frequency	TX 5530MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11060.00	38.30	15.15	-1.95	51.50	54.00	2.50	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11060.00	38.30	15.15	-3.35	50.10	54.00	3.90	Peak

Mode	802.11ac-VHT80	Frequency	TX 5775MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11550.00	38.33	15.38	-4.26	49.45	54.00	4.55	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11550.00	38.33	15.38	-4.81	48.90	54.00	5.10	Peak

Mode	---	Frequency	RX 5260MHz
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Antenna at Horizontal Polarization

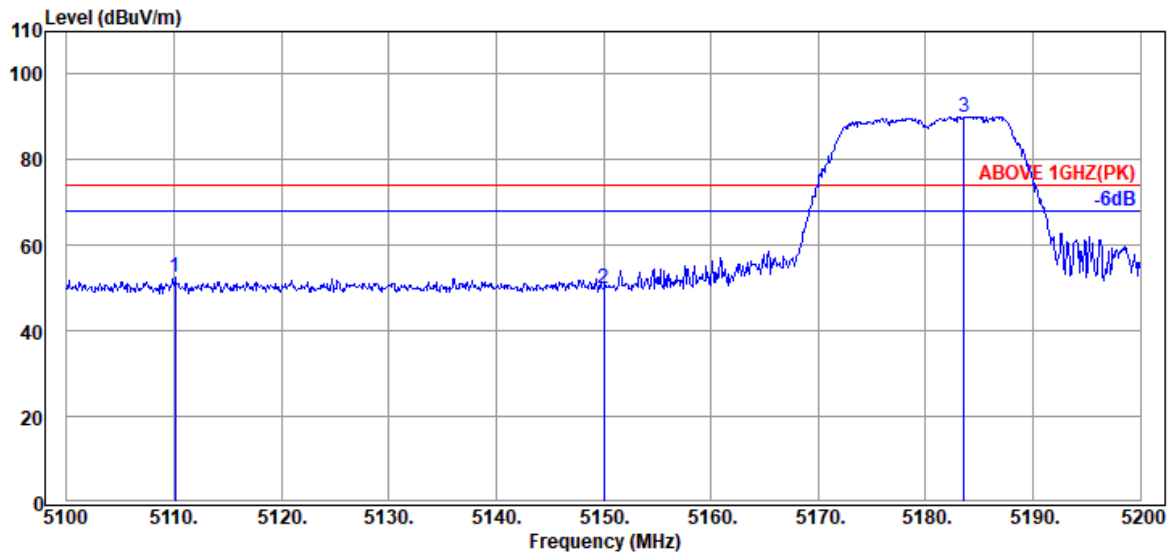
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2445.00	32.76	8.19	5.57	46.52	54.00	7.48	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2445.00	32.76	8.19	5.84	46.79	54.00	7.21	Peak

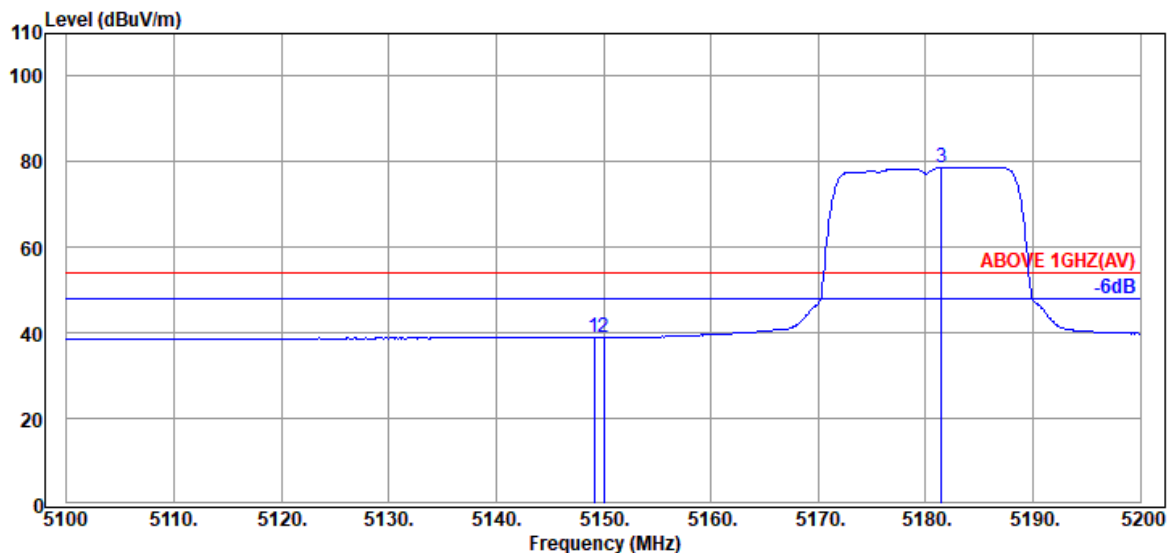
1.3. 禁用頻帶量測結果 (其他不必要發射)

Mode	802.11a	Frequency	TX 5180MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5110.10	34.36	10.58	41.98	52.54	74.00	21.46	Peak
5150.00	34.39	10.61	39.29	49.92	74.00	24.08	Peak
@ 5183.60	34.41	10.63	79.34	90.02	---	---	Peak

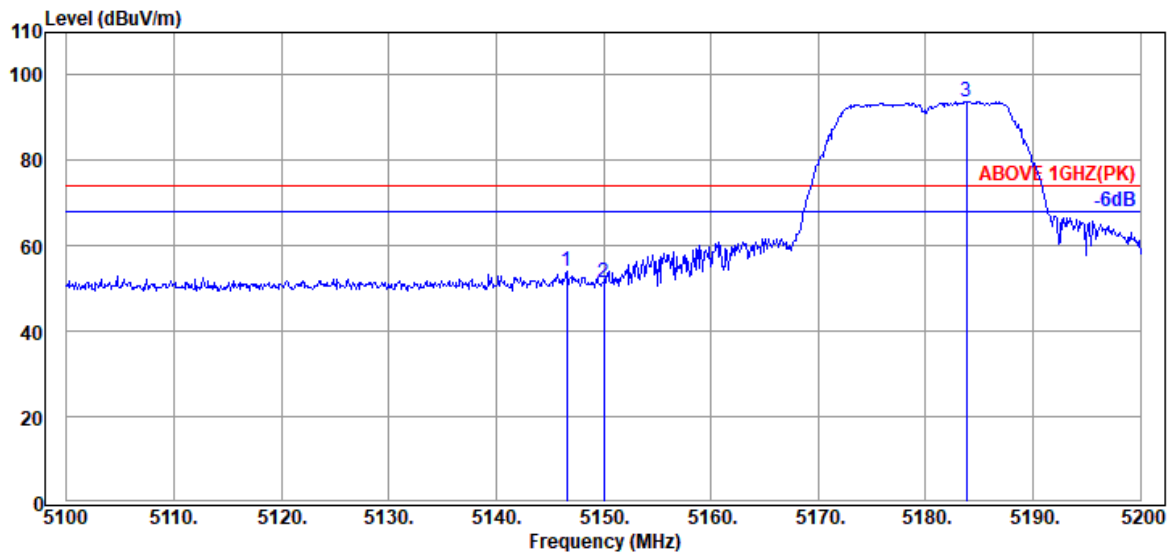


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5149.10	34.39	10.61	28.36	38.99	54.00	15.01	Average
5150.00	34.39	10.61	28.35	38.98	54.00	15.02	Average
@ 5181.50	34.41	10.63	68.11	78.78	---	---	Average

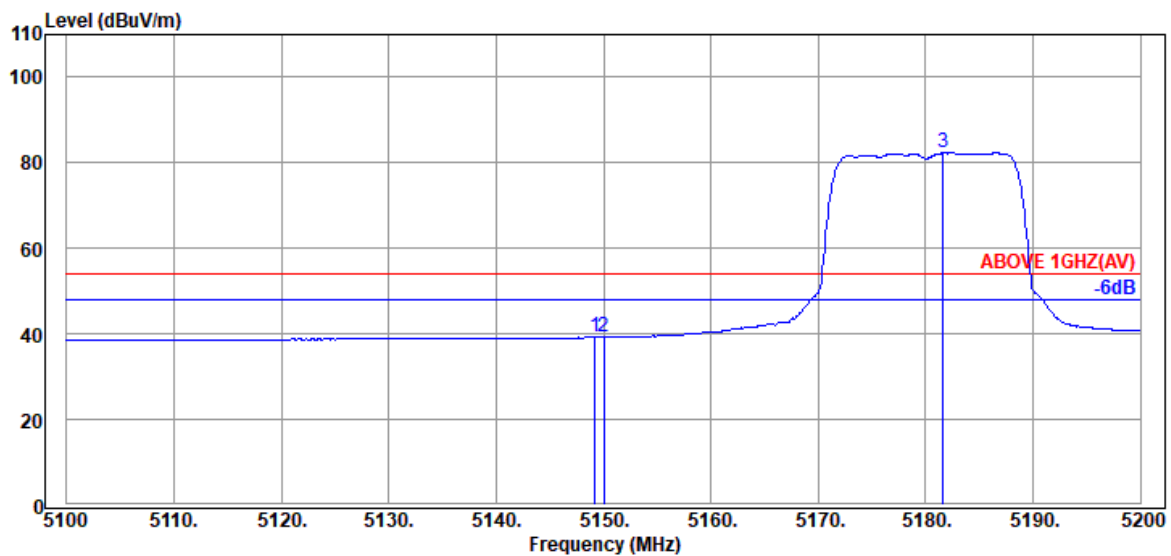
備註: “@”為主波，在此章節是不予以判定。

Mode	802.11a	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.60	34.39	10.60	43.33	53.95	74.00	20.05	Peak
5150.00	34.39	10.61	40.68	51.31	74.00	22.69	Peak
@ 5183.80	34.41	10.63	82.98	93.66	---	---	Peak

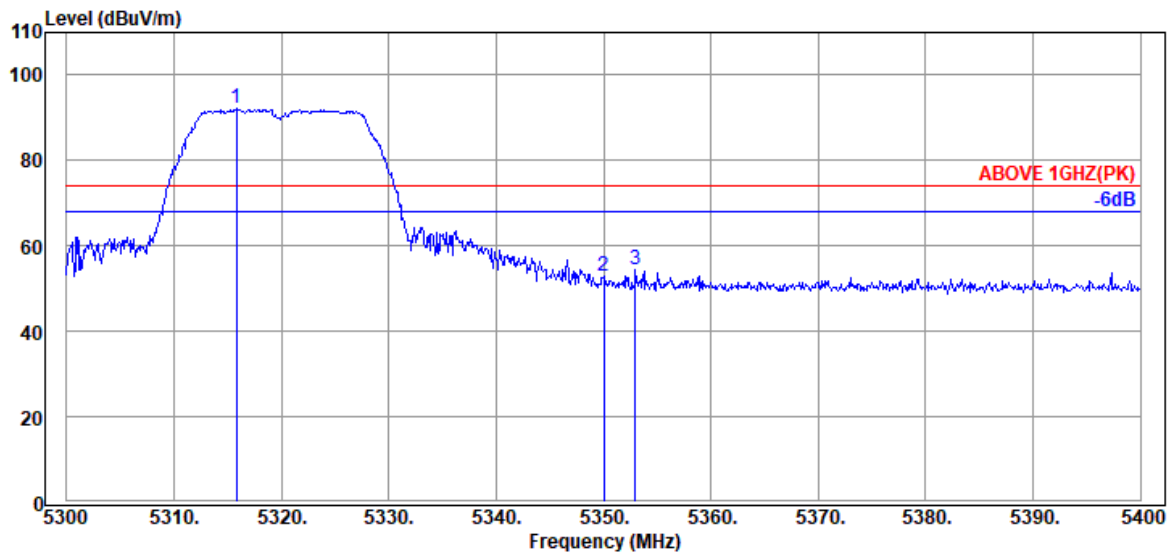


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.20	34.39	10.61	28.56	39.19	54.00	14.81	Average
5150.00	34.39	10.61	28.54	39.17	54.00	14.83	Average
@ 5181.60	34.41	10.63	71.60	82.27	---	---	Average

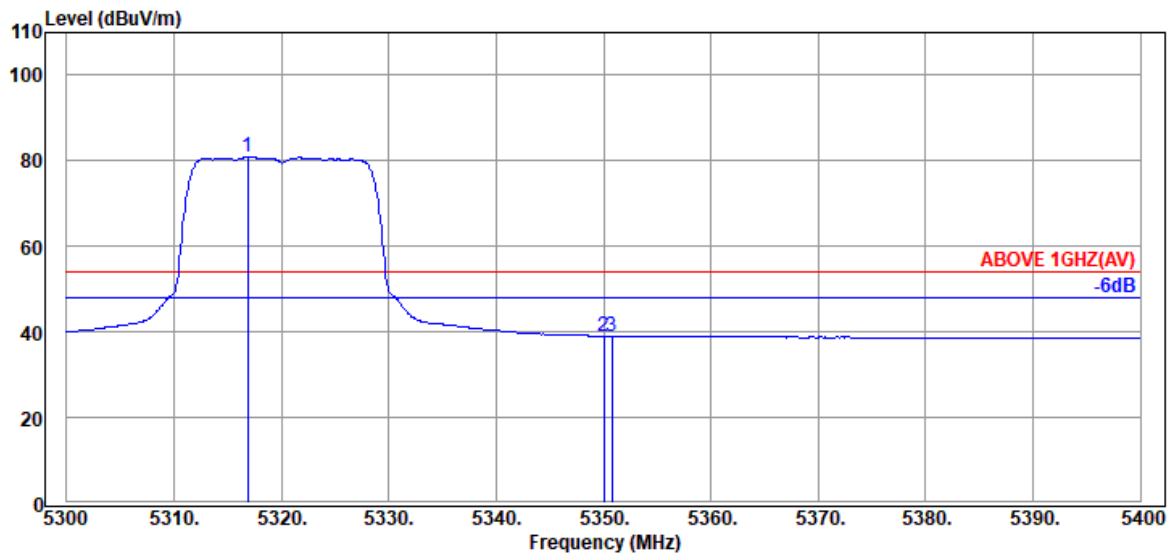
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5315.80	34.49	10.74	81.17	92.07	---	---	Peak
	5350.00	34.51	10.76	42.03	52.98	74.00	21.02	Peak
	5353.00	34.51	10.77	43.31	54.27	74.00	19.73	Peak

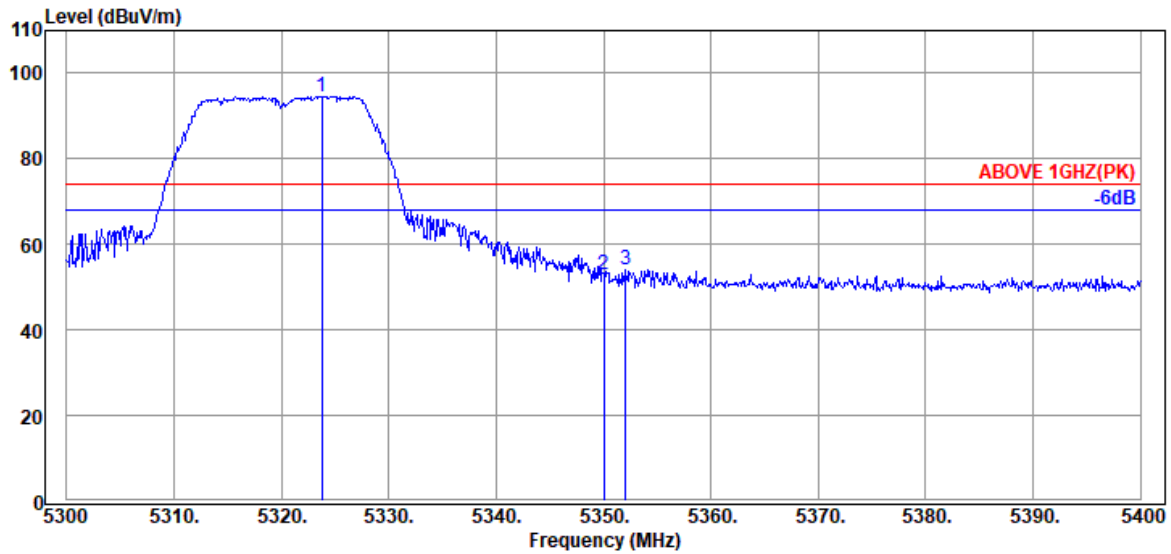


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5316.90	34.49	10.74	69.94	80.84	---	---	Average
	5350.00	34.51	10.76	28.11	39.06	54.00	14.94	Average
	5350.80	34.51	10.76	28.11	39.06	54.00	14.94	Average

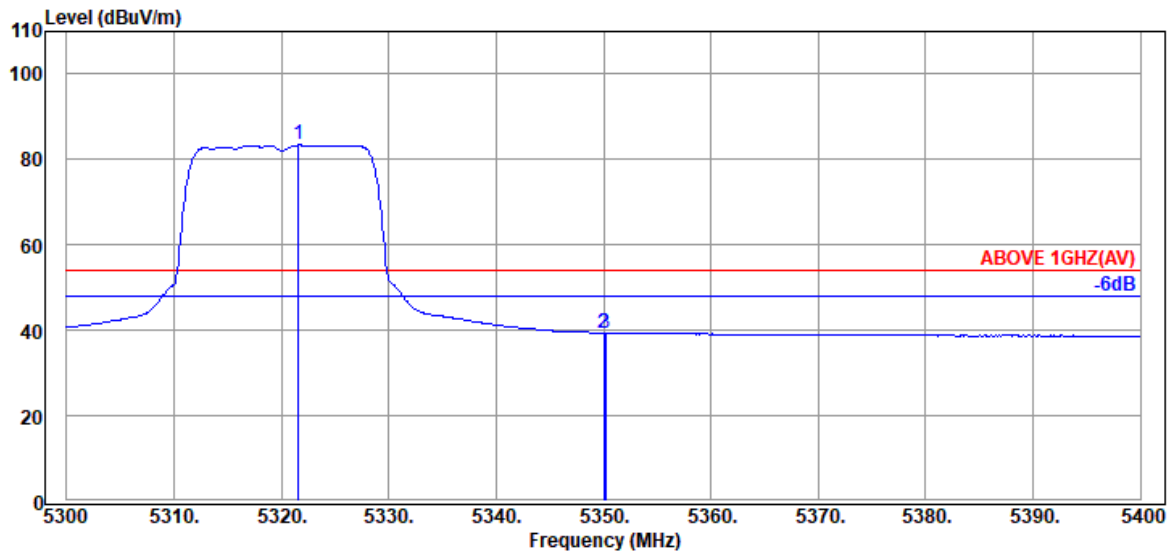
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5323.80	34.50	10.74	83.64	94.55	---	---	Peak
	5350.00	34.51	10.76	41.96	52.91	74.00	21.09	Peak
	5352.10	34.51	10.76	43.24	54.19	74.00	19.81	Peak

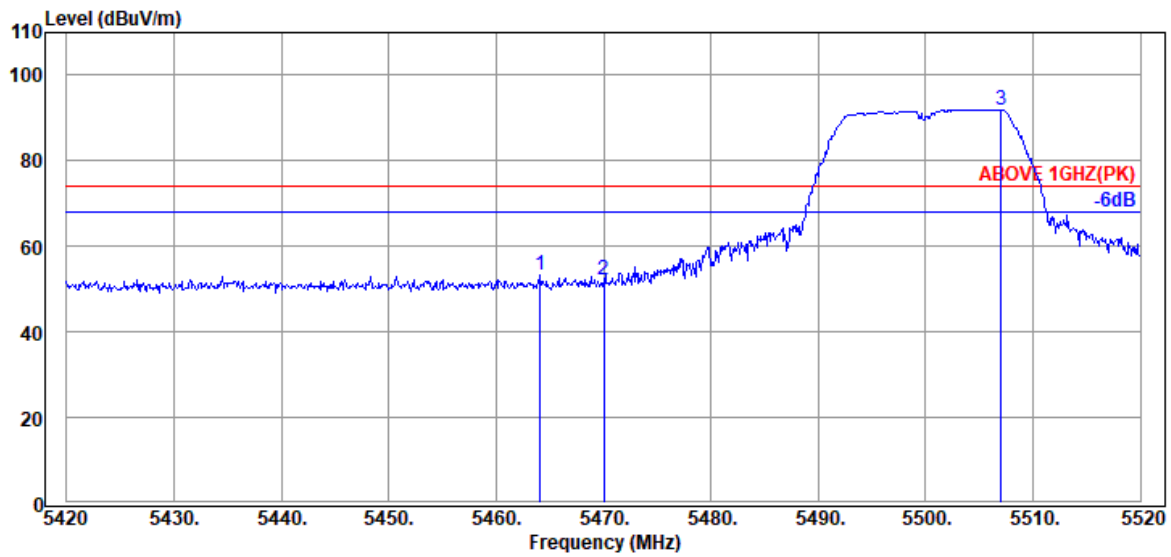


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5321.60	34.49	10.74	72.47	83.37	---	---	Average
	5350.00	34.51	10.76	28.43	39.38	54.00	14.62	Average
	5350.20	34.51	10.76	28.44	39.39	54.00	14.61	Average

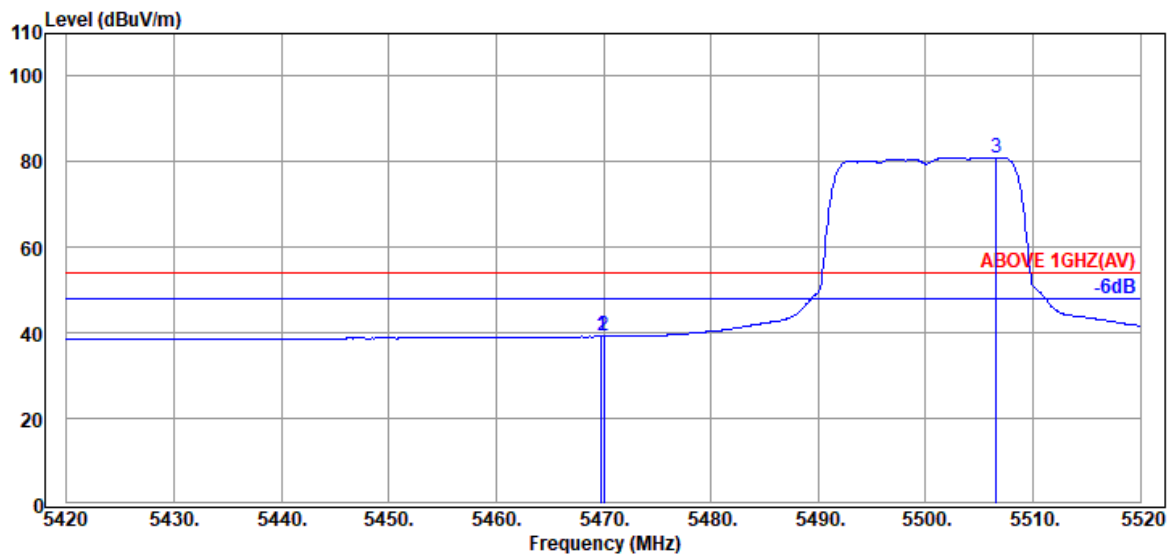
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5464.10	34.58	10.85	42.08	53.21	74.00	20.79	Peak
5470.00	34.58	10.86	41.01	52.15	74.00	21.85	Peak
@ 5507.00	34.60	10.88	80.80	91.99	---	---	Peak

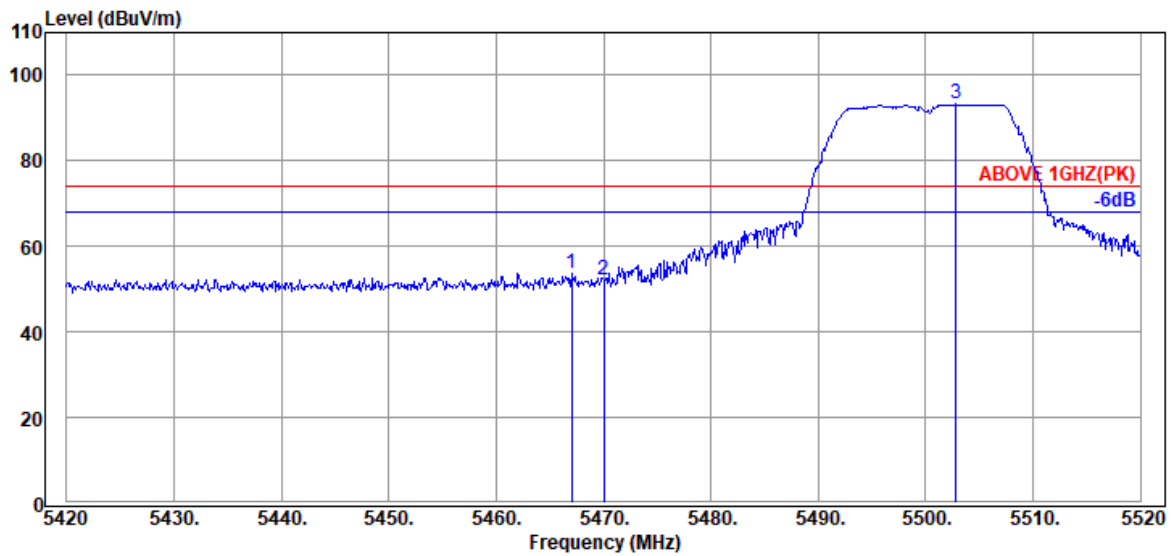


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.80	34.58	10.86	28.04	39.18	54.00	14.82	Average
5470.00	34.58	10.86	28.05	39.19	54.00	14.81	Average
@ 5506.60	34.60	10.88	69.85	81.04	---	---	Average

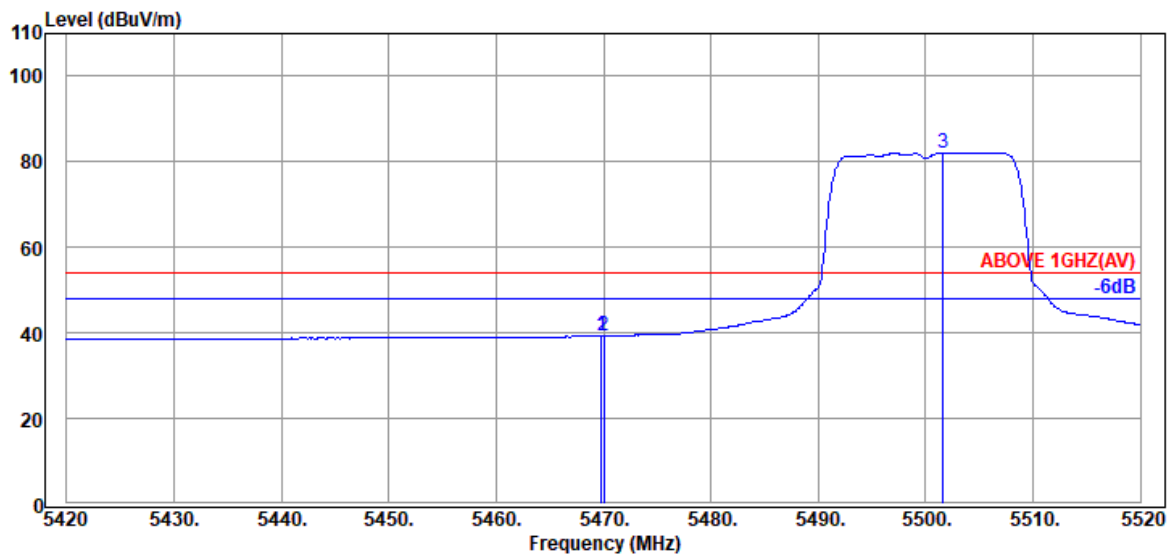
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5467.00	34.58	10.85	42.68	53.81	74.00	20.19	Peak
5470.00	34.58	10.86	40.84	51.98	74.00	22.02	Peak
@ 5502.80	34.60	10.88	82.01	93.20	---	---	Peak

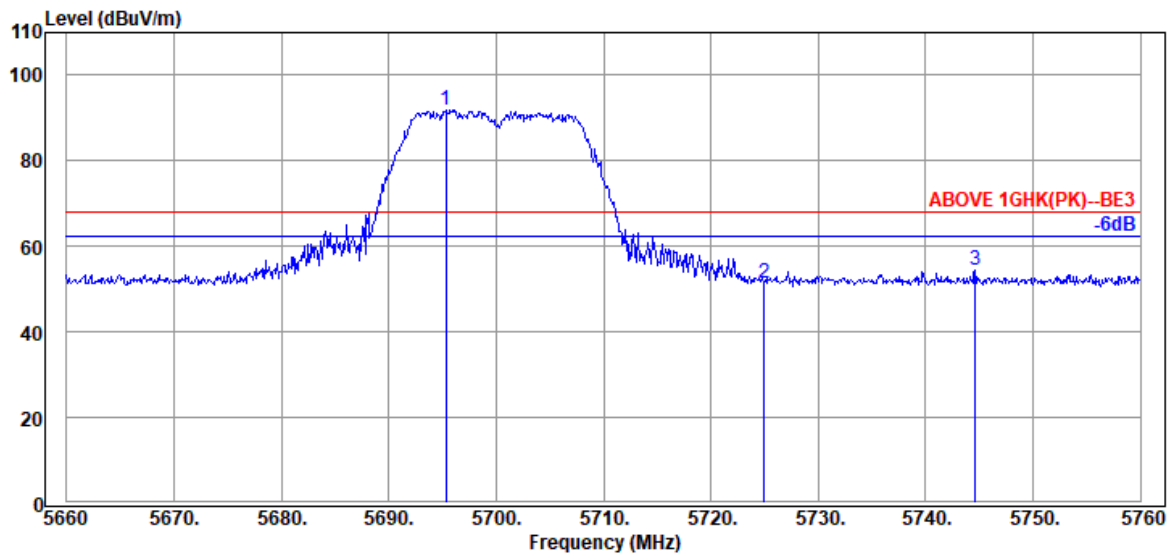


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.80	34.58	10.86	28.15	39.29	54.00	14.71	Average
5470.00	34.58	10.86	28.13	39.27	54.00	14.73	Average
@ 5501.60	34.60	10.88	70.96	82.15	---	---	Average

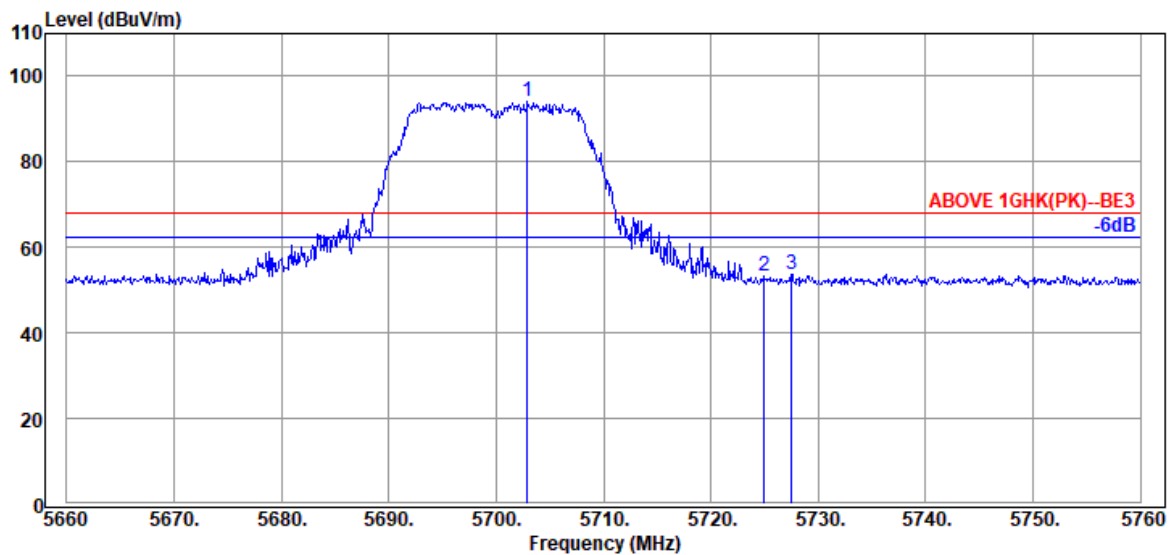
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11a	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@	5695.30	35.08	10.90	80.26	91.88	68.20	---	Peak
	5725.00	35.16	10.91	39.85	51.55	68.20	16.65	Peak
	5744.60	35.20	10.91	42.56	54.29	68.20	13.91	Peak

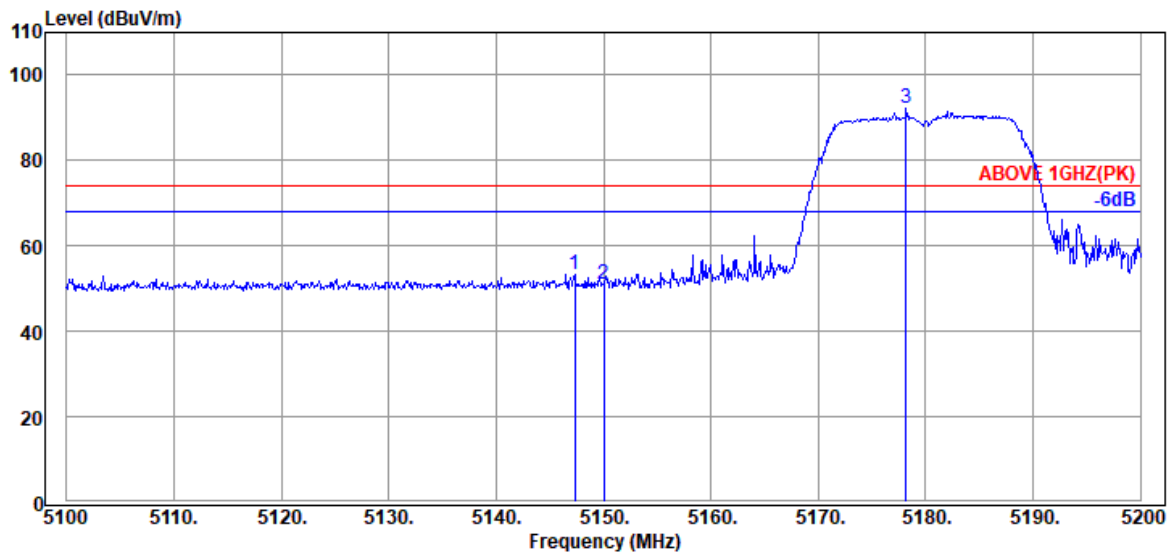


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@	5702.90	35.08	10.90	82.36	93.98	68.20	---	Peak
	5725.00	35.16	10.91	41.78	53.48	68.20	14.72	Peak
	5727.50	35.16	10.91	42.09	53.79	68.20	14.41	Peak

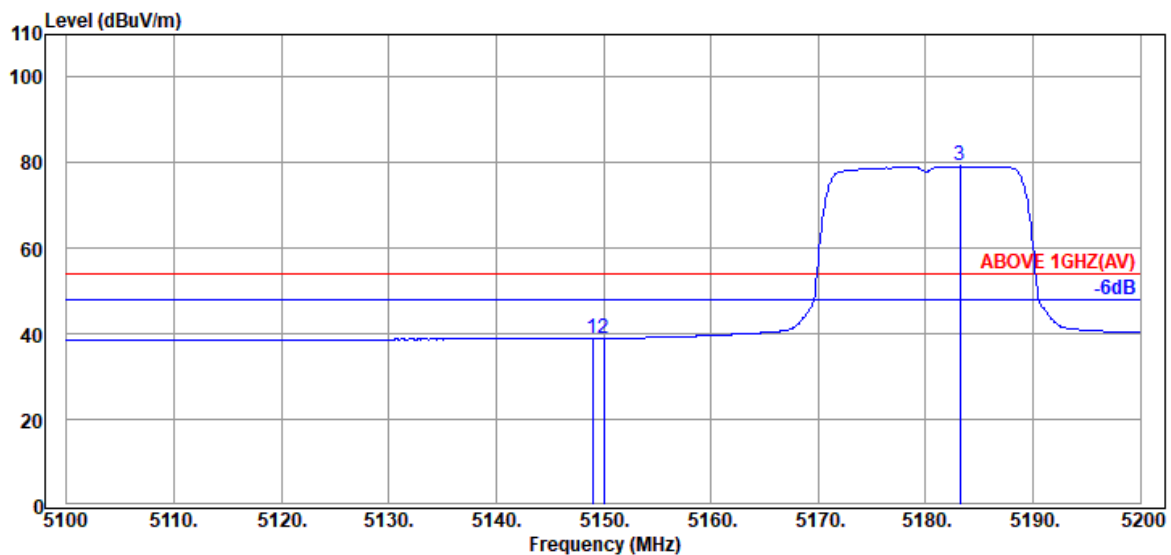
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.30	34.39	10.60	8.39	53.38	74.00	20.62	Peak
5150.00	34.39	10.61	6.22	51.22	74.00	22.78	Peak
@ 5178.20	34.41	10.63	47.14	92.18	---	---	Peak

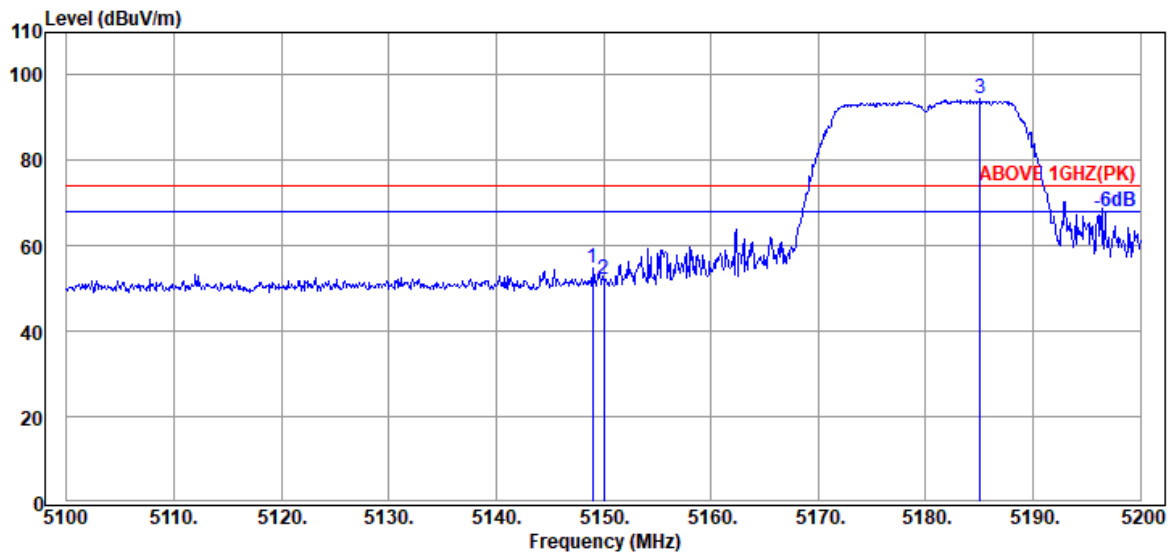


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.00	34.39	10.61	-5.96	39.04	54.00	14.96	Average
5150.00	34.39	10.61	-6.01	38.99	54.00	15.01	Average
@ 5183.20	34.41	10.63	34.15	79.19	---	---	Average

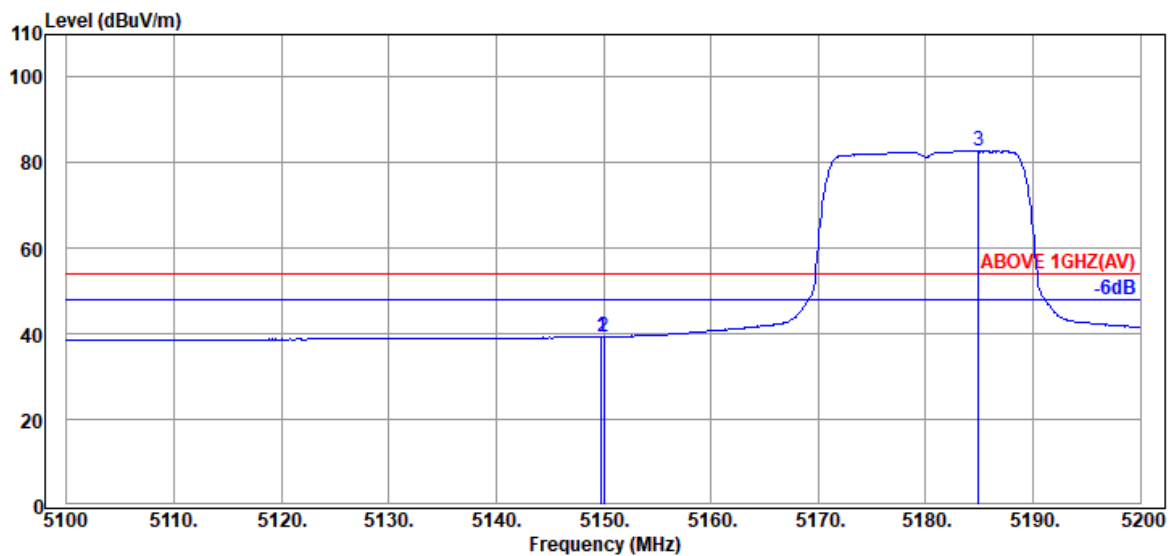
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.00	34.39	10.61	9.91	54.91	74.00	19.09	Peak
5150.00	34.39	10.61	7.23	52.23	74.00	21.77	Peak
@ 5185.10	34.41	10.63	49.43	94.47	---	---	Peak

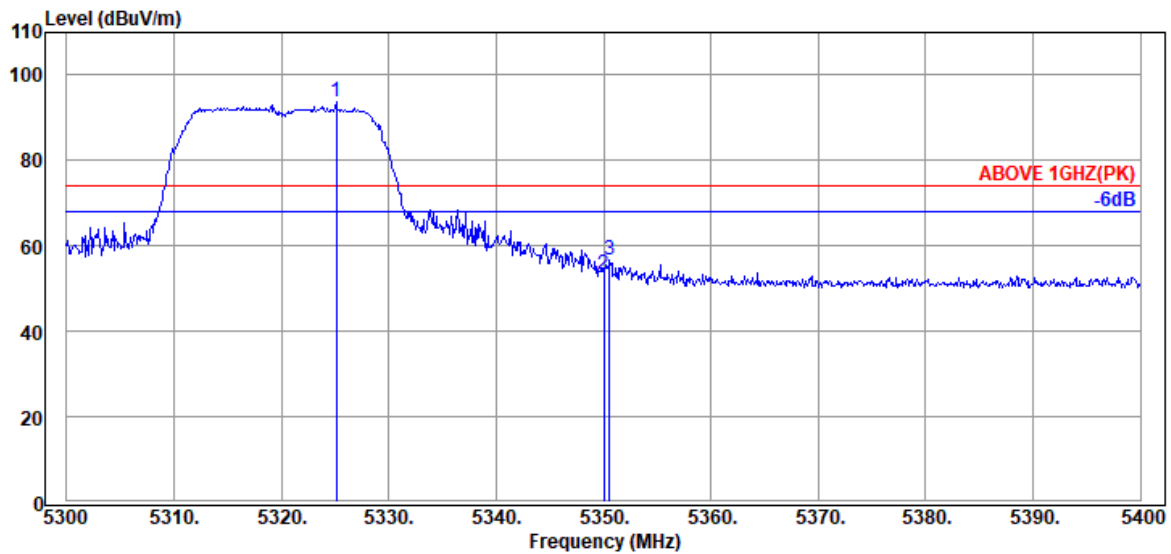


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.80	34.39	10.61	-5.67	39.33	54.00	14.67	Average
5150.00	34.39	10.61	-5.66	39.34	54.00	14.66	Average
@ 5184.90	34.41	10.63	37.63	82.67	---	---	Average

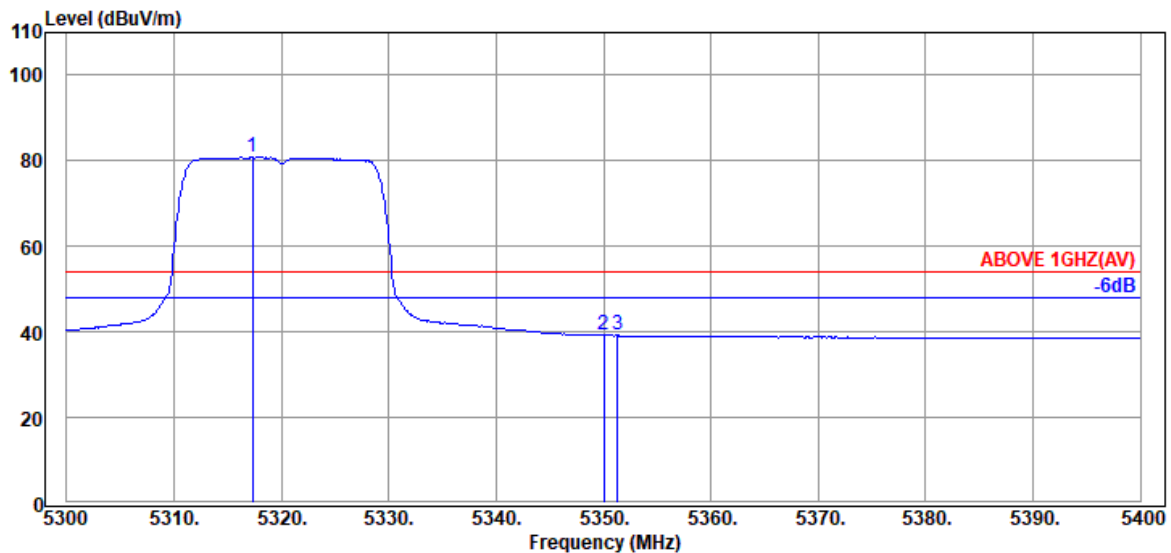
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5325.10	34.50	10.74	48.33	93.57	---	---	Peak
	5350.00	34.51	10.76	8.21	53.48	74.00	20.52	Peak
	5350.60	34.51	10.76	11.58	56.85	74.00	17.15	Peak

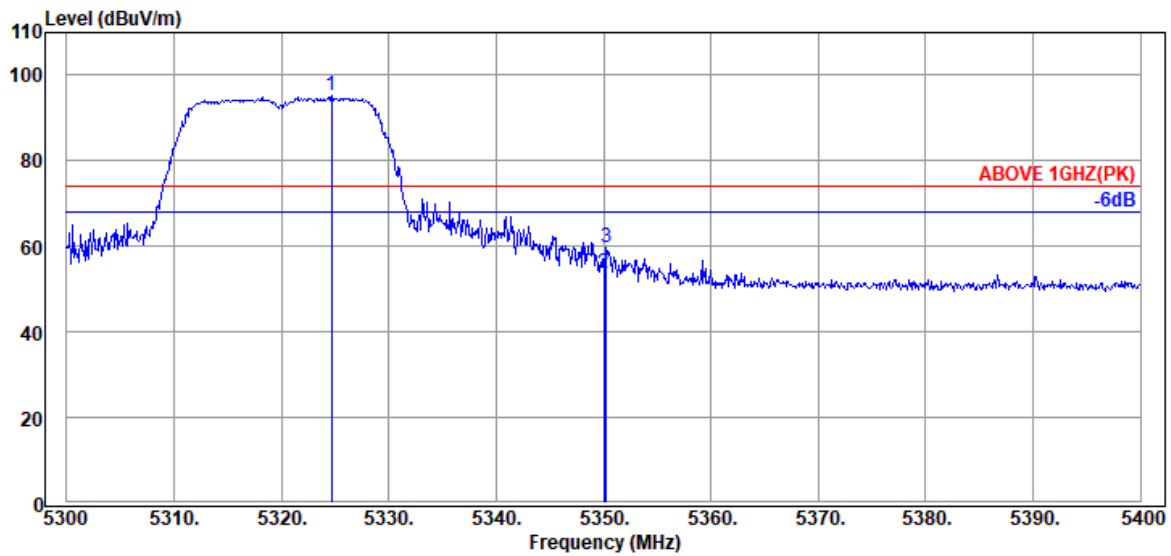


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5317.30	34.49	10.74	35.52	80.75	---	---	Average
	5350.00	34.51	10.76	-6.09	39.18	54.00	14.82	Average
	5351.30	34.51	10.76	-6.08	39.19	54.00	14.81	Average

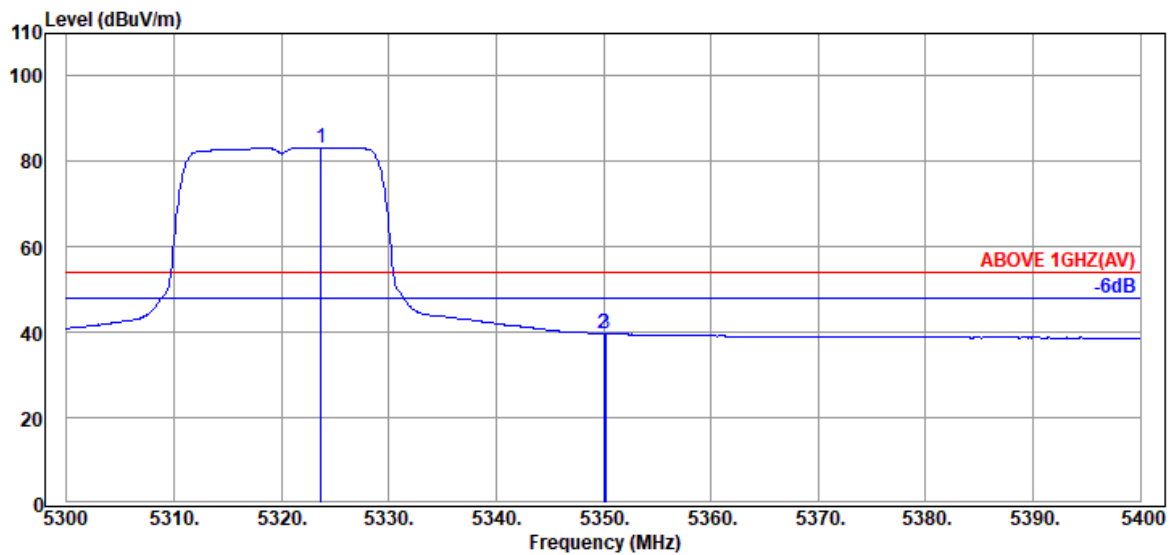
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5324.70	34.50	10.74	50.13	95.37	---	---	Peak
	5350.00	34.51	10.76	8.56	53.83	74.00	20.17	Peak
	5350.30	34.51	10.76	14.46	59.73	74.00	14.27	Peak

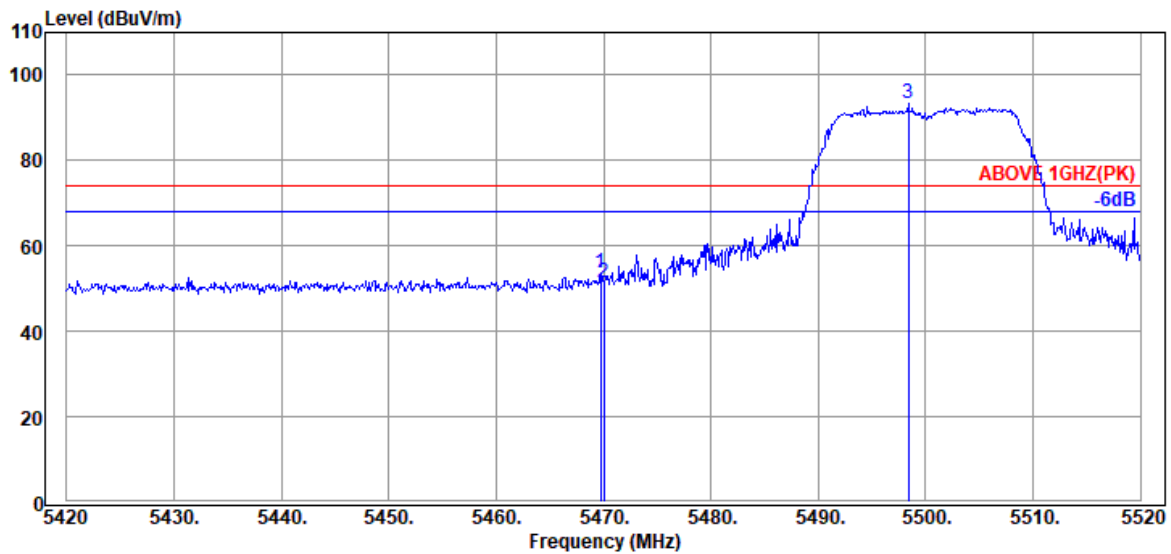


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5323.70	34.50	10.74	38.00	83.24	---	---	Average
	5350.00	34.51	10.76	-5.57	39.70	54.00	14.30	Average
	5350.20	34.51	10.76	-5.58	39.69	54.00	14.31	Average

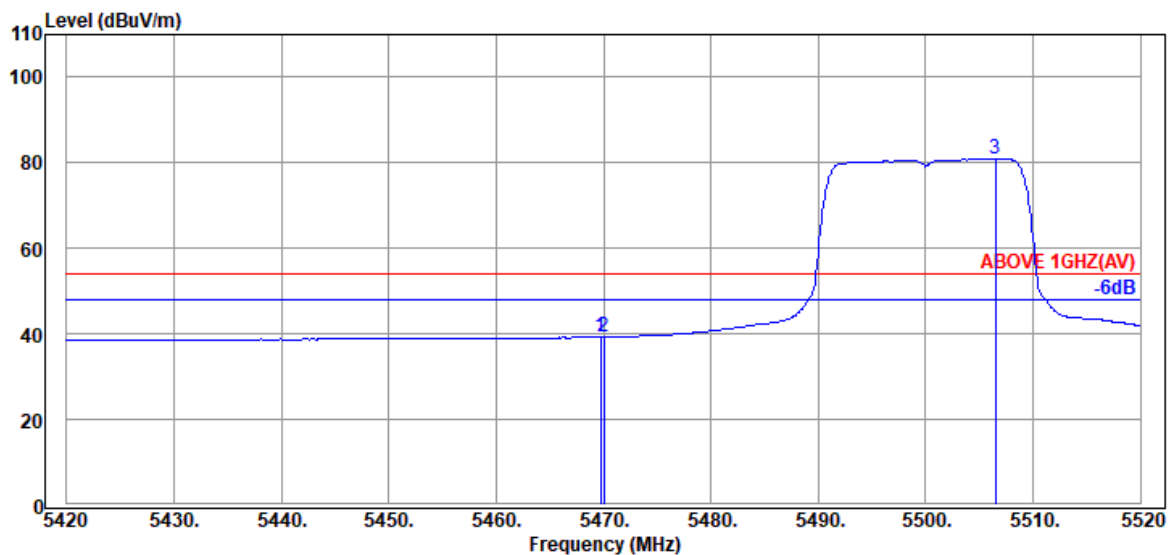
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.70	34.58	10.86	8.29	53.73	74.00	20.27	Peak
5470.00	34.58	10.86	5.82	51.26	74.00	22.74	Peak
@ 5498.40	34.60	10.88	47.70	93.18	---	---	Peak

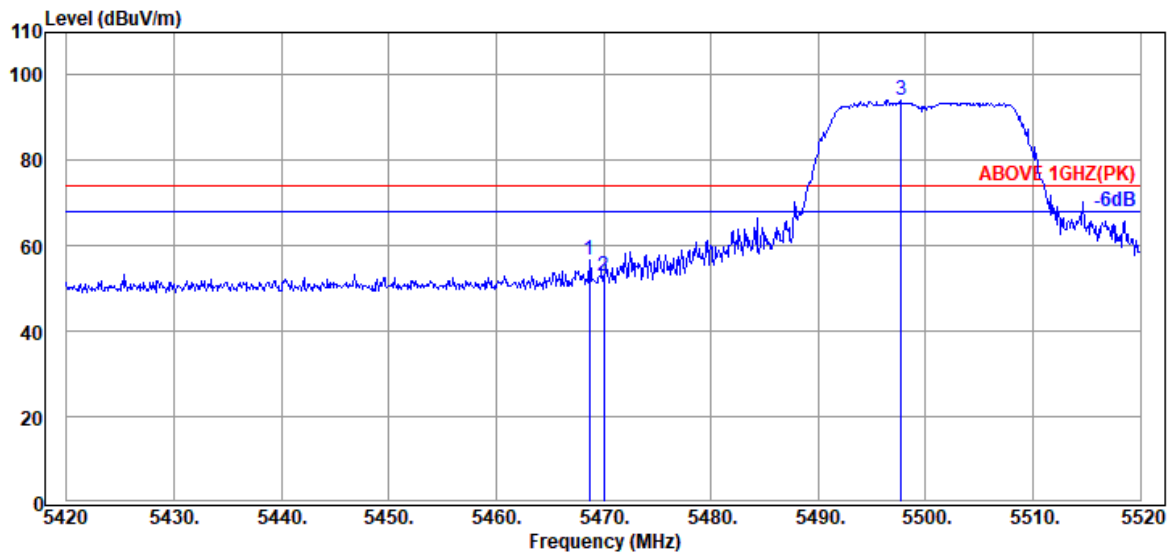


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.70	34.58	10.86	-6.14	39.30	54.00	14.70	Average
5470.00	34.58	10.86	-6.19	39.25	54.00	14.75	Average
@ 5506.50	34.60	10.88	35.43	80.91	---	---	Average

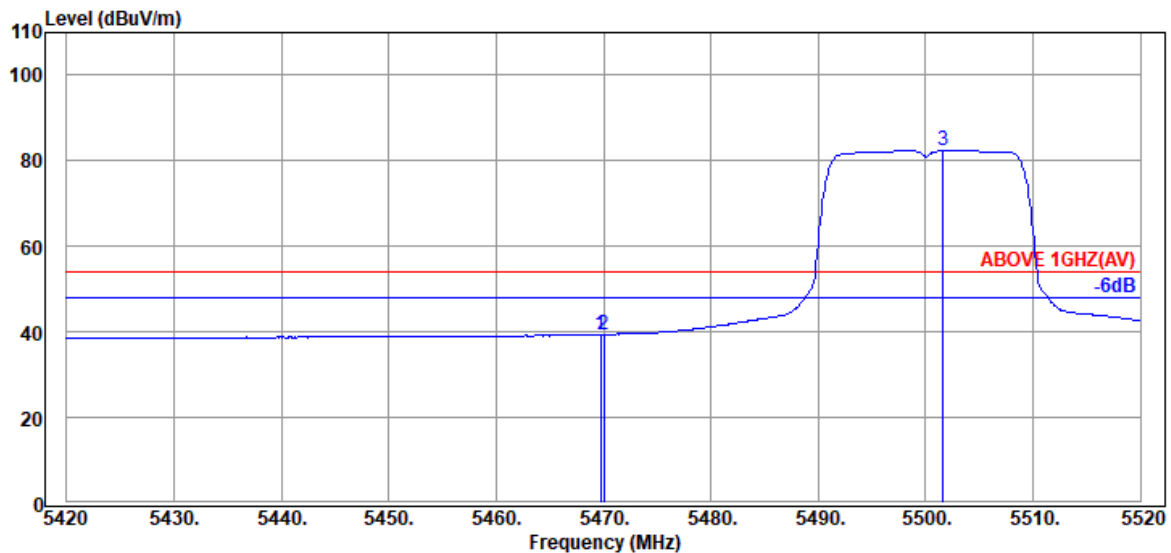
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.70	34.58	10.86	11.27	56.71	74.00	17.29	Peak
5470.00	34.58	10.86	7.42	52.86	74.00	21.14	Peak
@ 5497.70	34.60	10.88	48.63	94.11	---	---	Peak

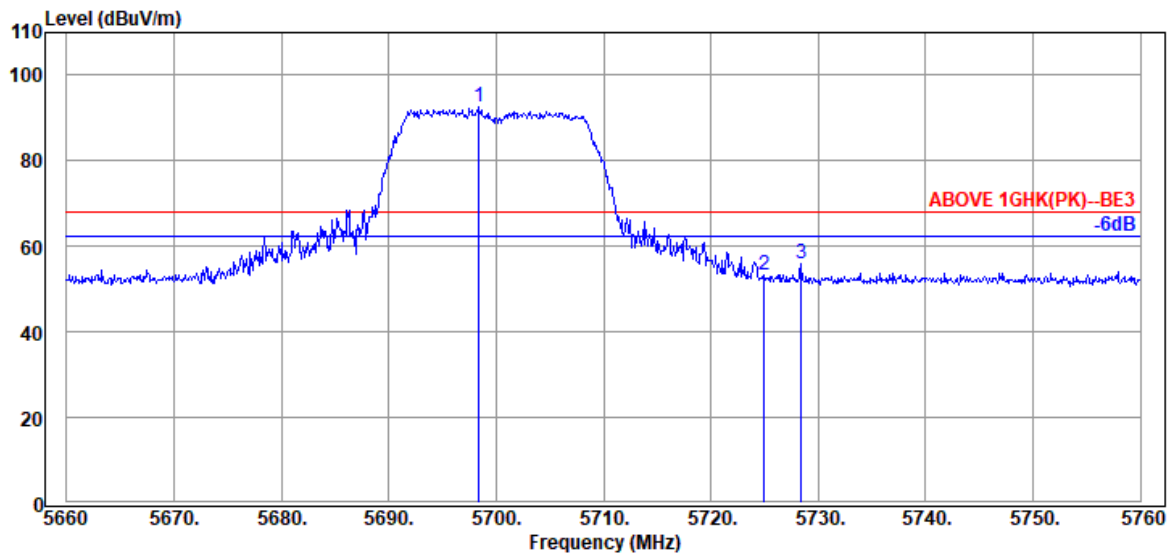


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.70	34.58	10.86	-6.05	39.39	54.00	14.61	Average
5470.00	34.58	10.86	-6.04	39.40	54.00	14.60	Average
@ 5501.60	34.60	10.88	36.87	82.35	---	---	Average

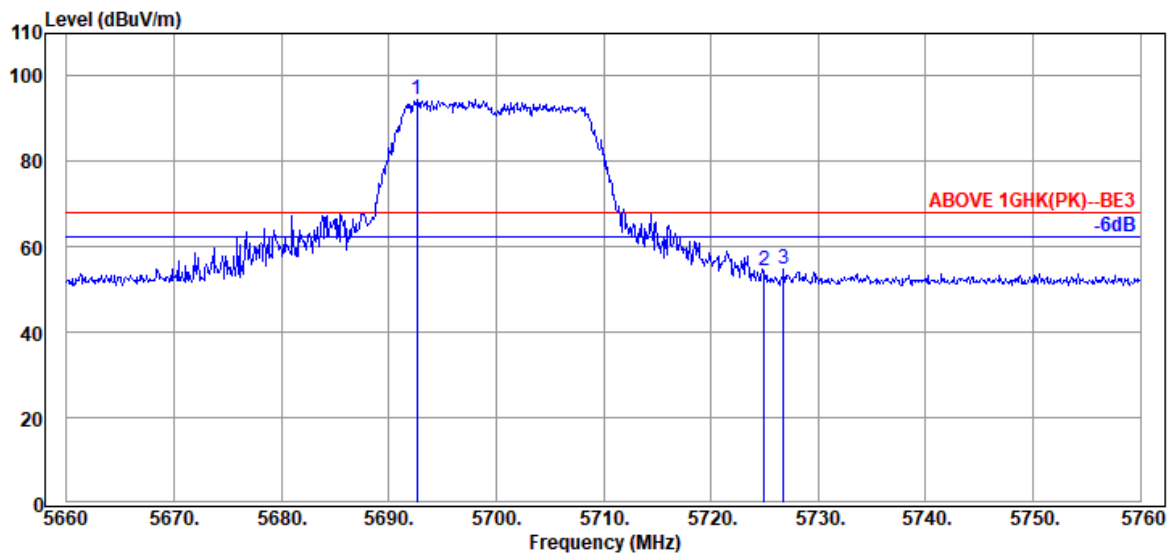
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5698.40	35.08	10.90	46.68	92.66	---	---	Peak
	5725.00	35.16	10.91	7.05	53.12	68.20	15.08	Peak
	5728.40	35.16	10.91	9.96	56.03	68.20	12.17	Peak

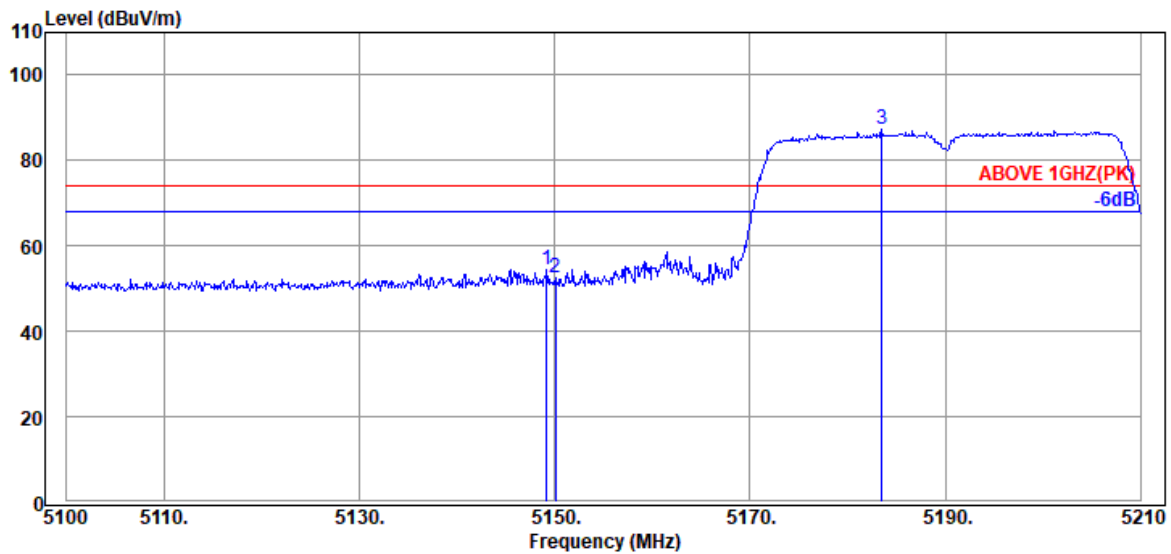


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5692.60	35.08	10.90	48.57	94.55	---	---	Peak
	5725.00	35.16	10.91	8.41	54.48	68.20	13.72	Peak
	5726.80	35.16	10.91	8.73	54.80	68.20	13.40	Peak

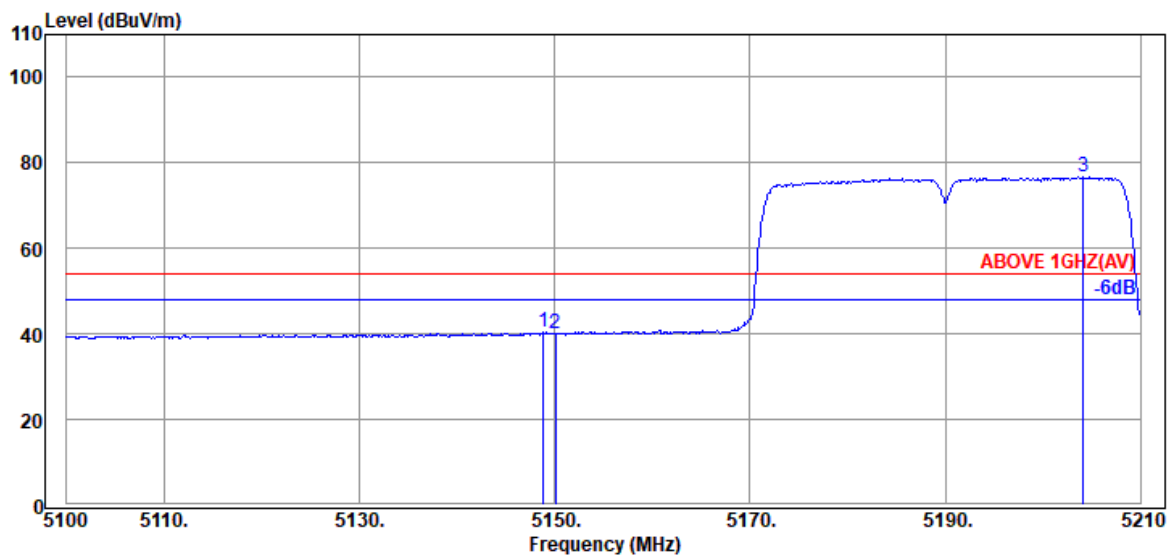
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.17	34.39	10.61	9.49	54.49	74.00	19.51	Peak
5150.05	34.39	10.61	7.68	52.68	74.00	21.32	Peak
@ 5183.49	34.41	10.63	42.33	87.37	---	---	Peak

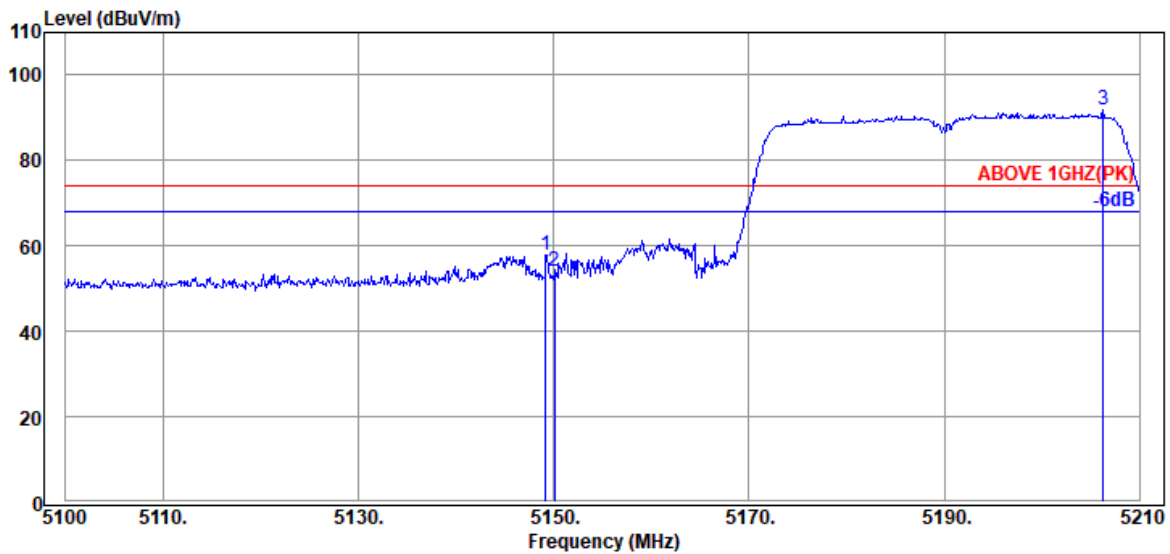


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.84	34.39	10.61	-4.69	40.31	54.00	13.69	Average
5150.05	34.39	10.61	-5.03	39.97	54.00	14.03	Average
@ 5204.17	34.43	10.65	31.55	76.63	---	---	Average

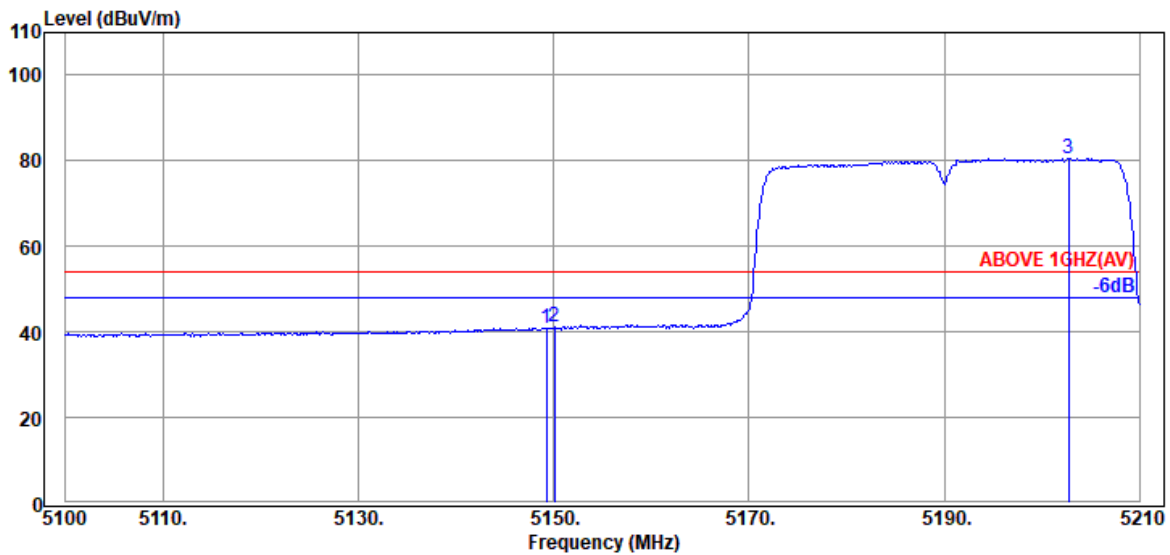
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.17	34.39	10.61	12.85	57.85	74.00	16.15	Peak
5150.05	34.39	10.61	9.08	54.08	74.00	19.92	Peak
@ 5206.26	34.43	10.65	46.66	91.74	---	---	Peak

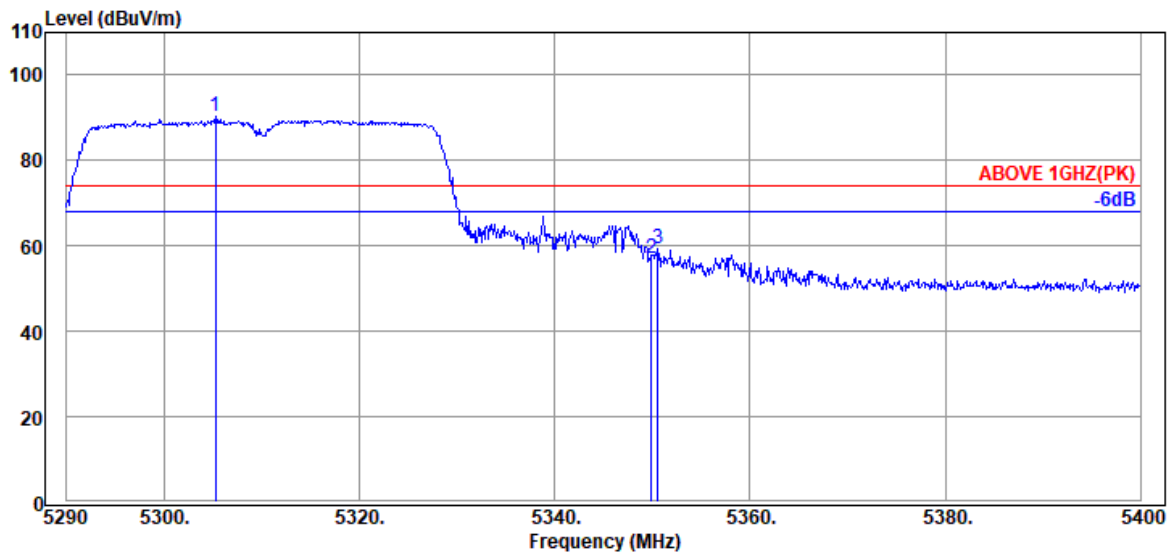


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.28	34.39	10.61	-4.02	40.98	54.00	13.02	Average
5150.05	34.39	10.61	-3.95	41.05	54.00	12.95	Average
@ 5202.74	34.43	10.65	35.43	80.51	---	---	Average

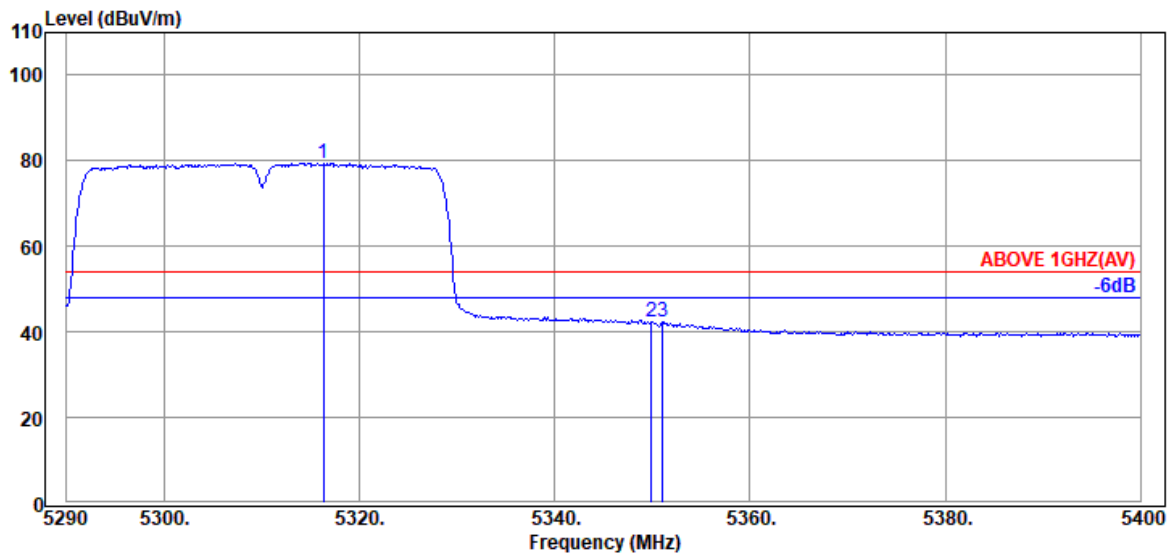
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5305.29	34.48	10.73	45.18	90.39	---	---	Peak
	5349.95	34.51	10.76	11.87	57.14	74.00	16.86	Peak
	5350.61	34.51	10.76	14.01	59.28	74.00	14.72	Peak

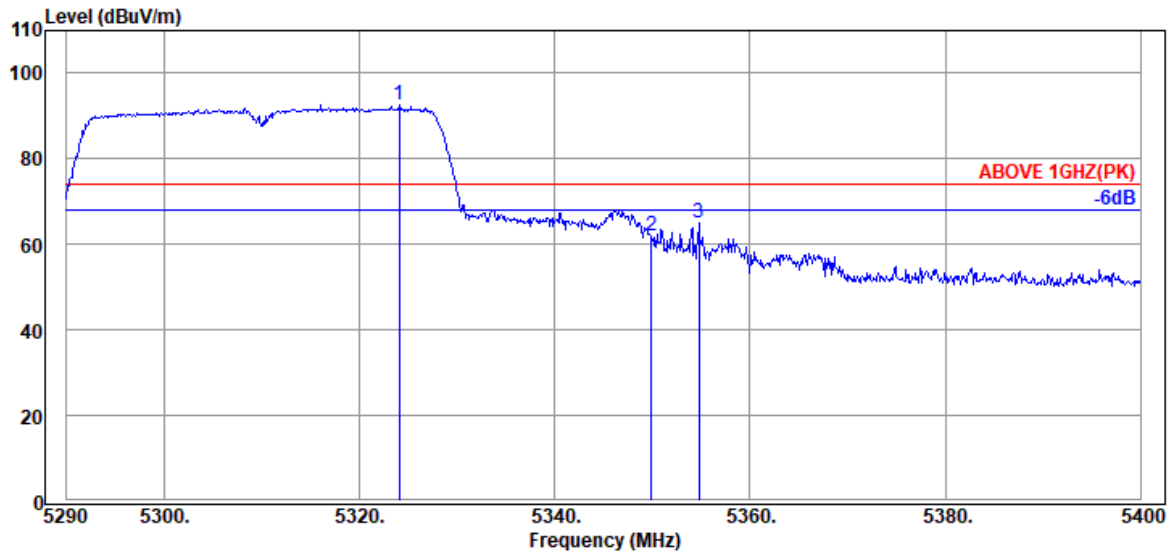


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5316.29	34.49	10.74	34.22	79.45	---	---	Average
	5349.95	34.51	10.76	-2.90	42.37	54.00	11.63	Average
	5351.05	34.51	10.76	-2.98	42.29	54.00	11.71	Average

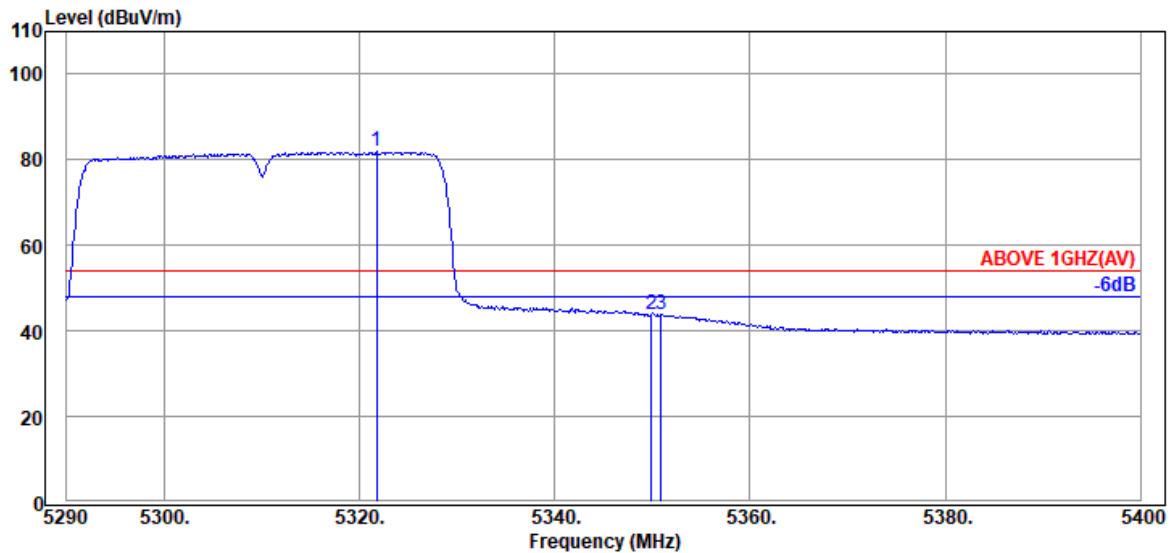
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5324.10	34.50	10.74	47.31	92.55	---	---	Peak
	5349.95	34.51	10.76	16.57	61.84	74.00	12.16	Peak
	5354.79	34.52	10.77	19.84	65.13	74.00	8.87	Peak

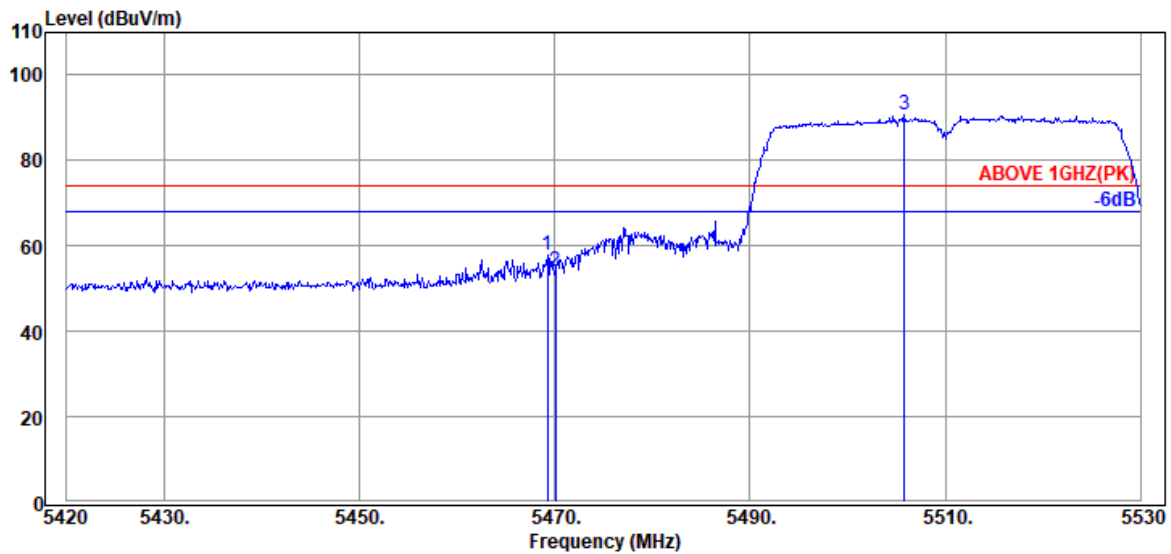


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5321.79	34.49	10.74	36.61	81.84	---	---	Average
	5349.95	34.51	10.76	-1.50	43.77	54.00	10.23	Average
	5350.94	34.51	10.76	-1.28	43.99	54.00	10.01	Average

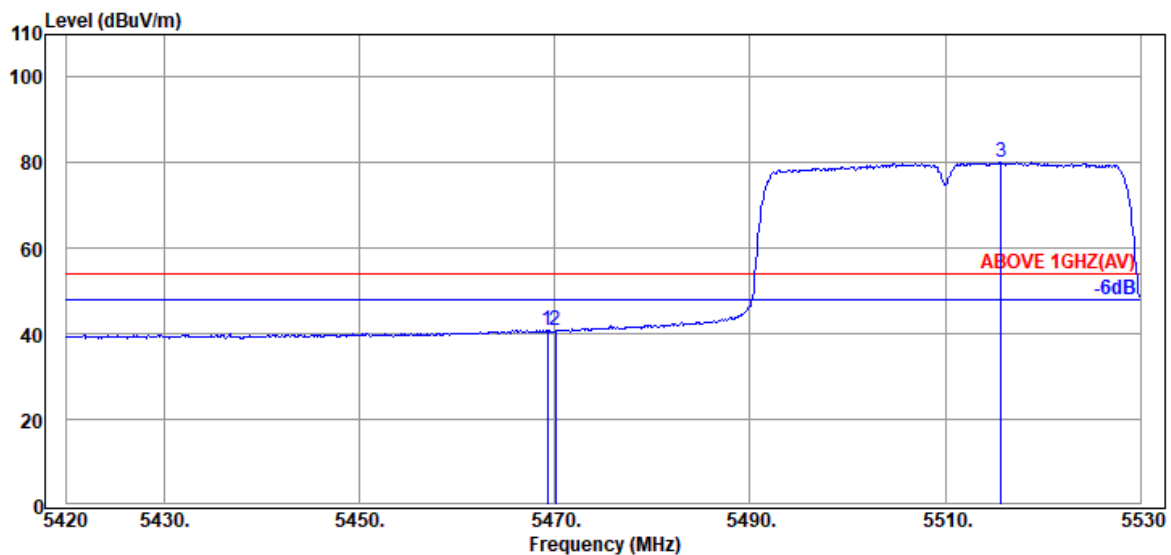
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.28	34.58	10.86	12.34	57.78	74.00	16.22	Peak
5470.05	34.58	10.86	8.43	53.87	74.00	20.13	Peak
@ 5505.80	34.60	10.88	45.27	90.75	---	---	Peak

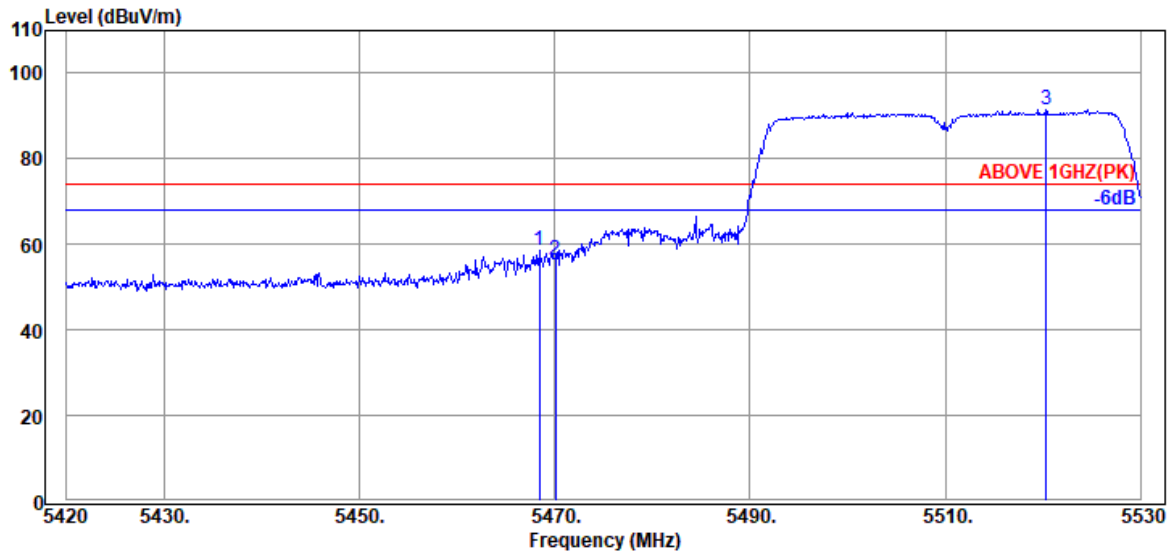


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.28	34.58	10.86	-4.66	40.78	54.00	13.22	Average
5470.05	34.58	10.86	-4.76	40.68	54.00	13.32	Average
@ 5515.70	34.64	10.88	34.53	80.05	---	---	Average

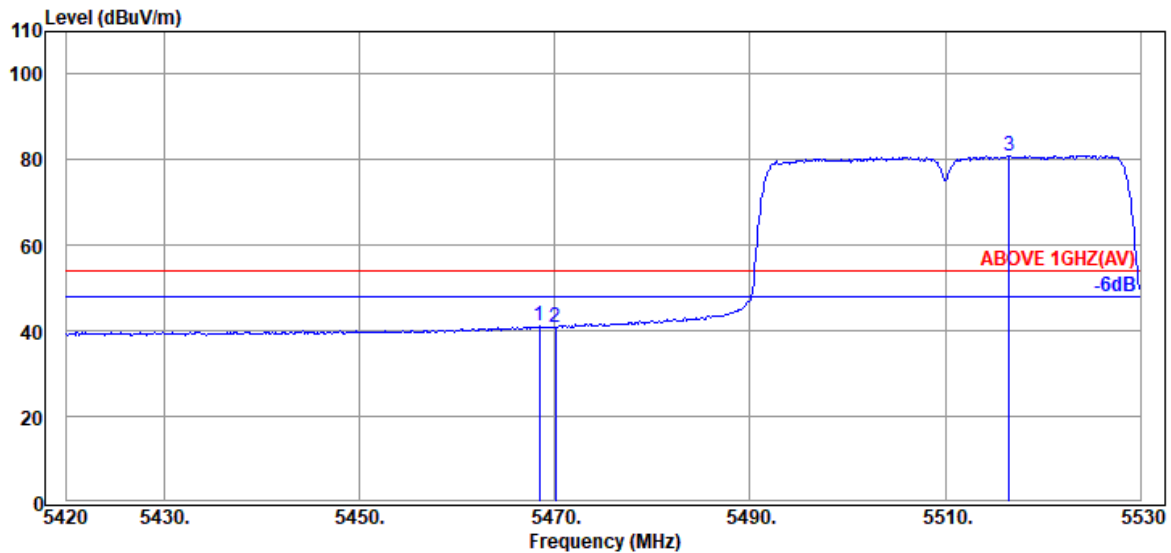
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.40	34.58	10.86	13.24	58.68	74.00	15.32	Peak
5470.05	34.58	10.86	10.94	56.38	74.00	17.62	Peak
@ 5520.32	34.64	10.88	45.98	91.50	---	---	Peak

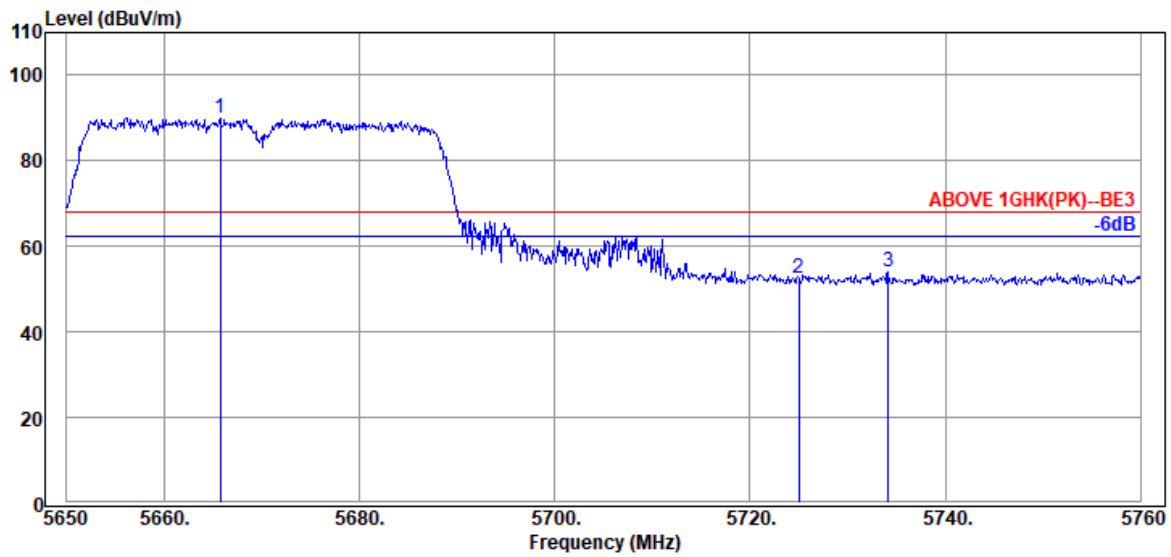


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.40	34.58	10.86	-4.34	41.10	54.00	12.90	Average
5470.05	34.58	10.86	-4.50	40.94	54.00	13.06	Average
@ 5516.58	34.64	10.88	35.49	81.01	---	---	Average

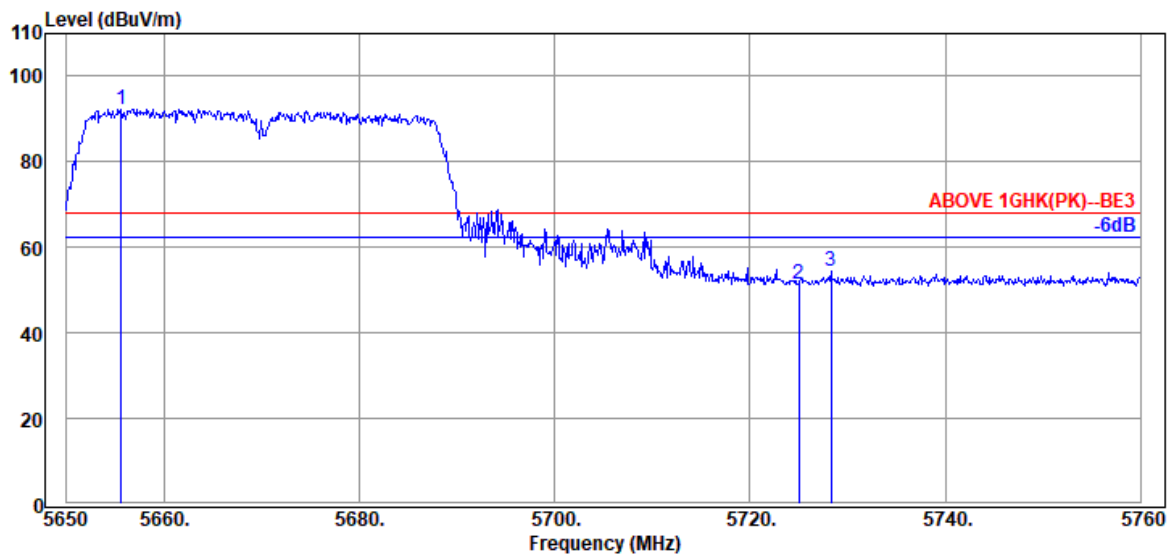
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 5670MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@	5665.73	35.00	10.90	44.12	90.02	---	---	Peak
	5725.02	35.16	10.91	6.57	52.64	68.20	15.56	Peak
	5734.15	35.16	10.91	7.92	53.99	68.20	14.21	Peak

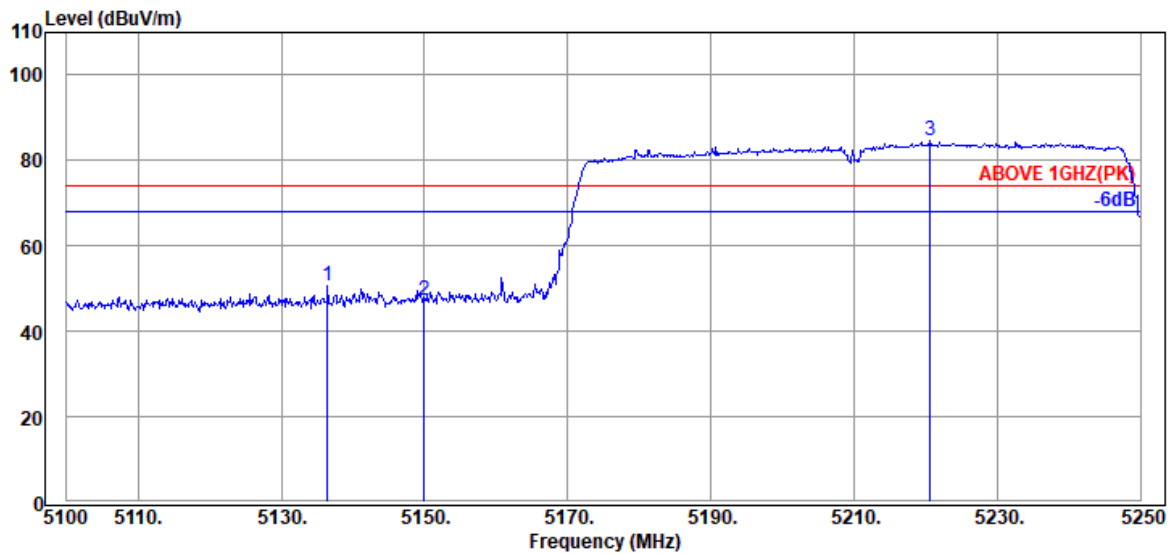


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@	5655.61	34.96	10.90	46.45	92.31	---	---	Peak
	5725.02	35.16	10.91	5.49	51.56	68.20	16.64	Peak
	5728.32	35.16	10.91	8.39	54.46	68.20	13.74	Peak

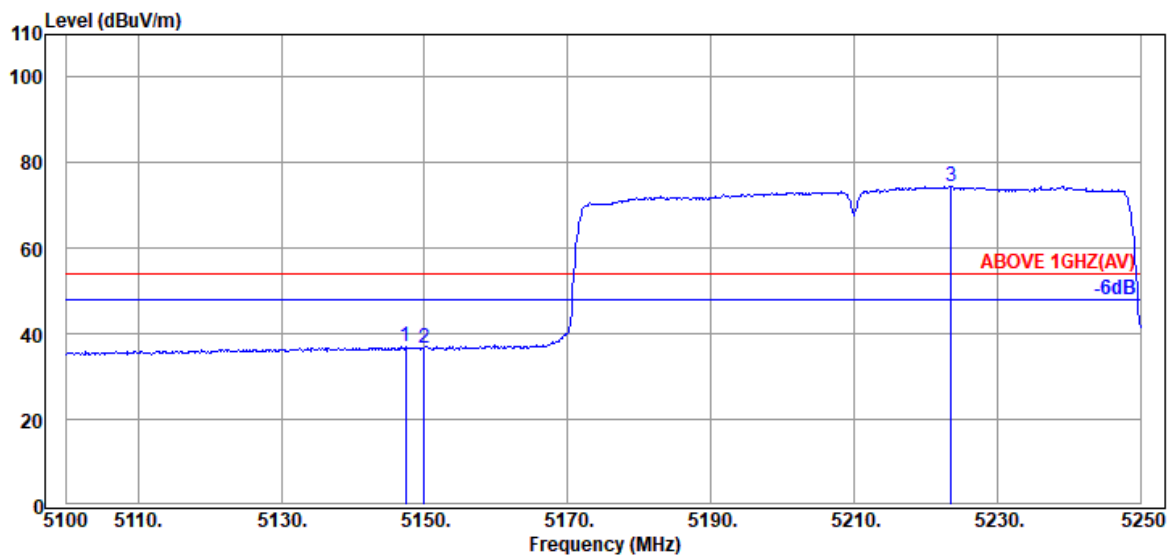
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11ac-VHT80	Frequency	TX 5210MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5136.45	34.38	10.60	5.71	50.69	74.00	23.31	Peak
5149.95	34.39	10.61	2.27	47.27	74.00	26.73	Peak
@ 5220.60	34.44	10.66	39.75	84.85	---	---	Peak

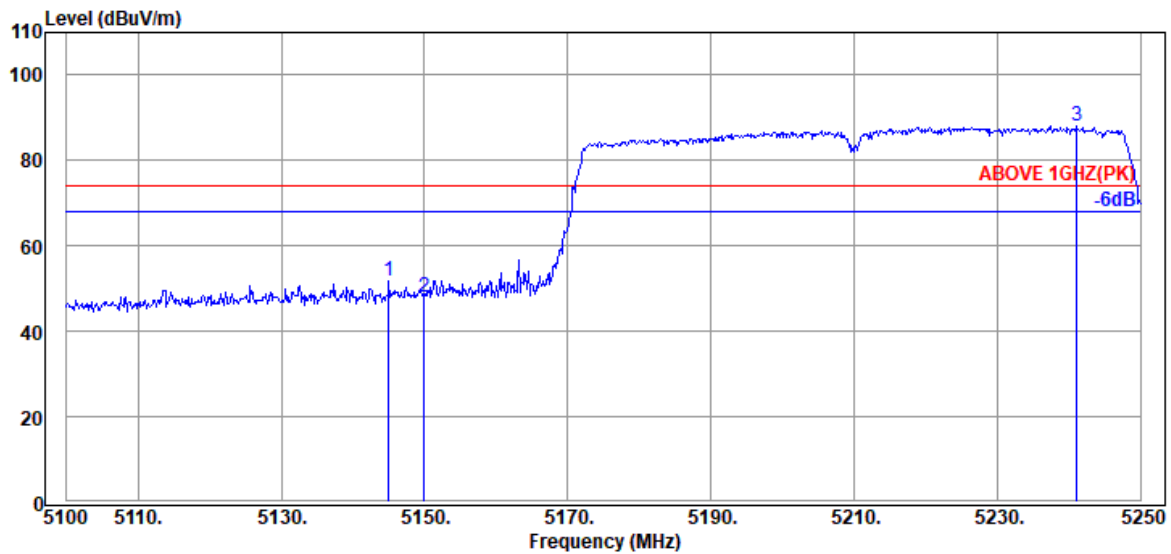


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.40	34.39	10.60	-8.00	36.99	54.00	17.01	Average
5149.95	34.39	10.61	-8.37	36.63	54.00	17.37	Average
@ 5223.60	34.44	10.66	29.35	74.45	---	---	Average

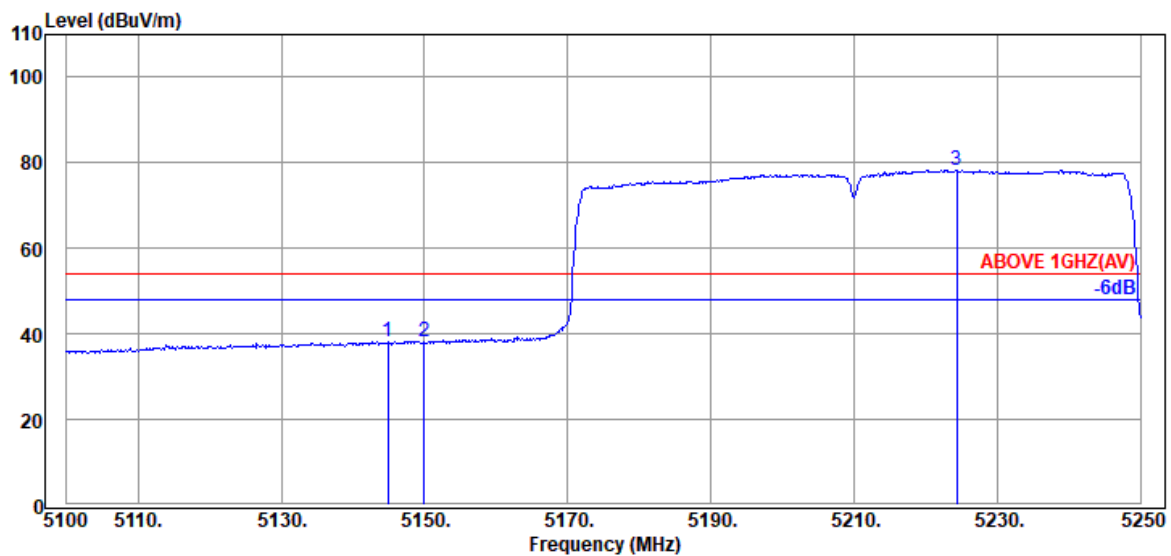
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11ac-VHT80	Frequency	TX 5210MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5145.00	34.39	10.60	6.92	51.91	74.00	22.09	Peak
5149.95	34.39	10.61	2.96	47.96	74.00	26.04	Peak
@ 5241.15	34.45	10.68	43.02	88.15	---	---	Peak

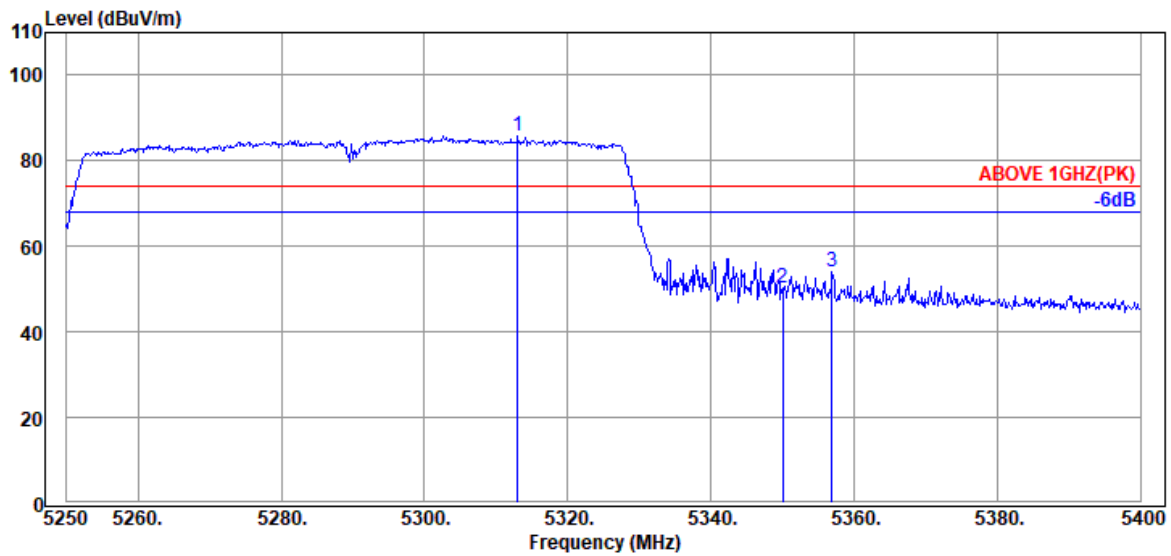


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5144.85	34.39	10.60	-6.69	38.30	54.00	15.70	Average
5149.95	34.39	10.61	-6.87	38.13	54.00	15.87	Average
@ 5224.35	34.44	10.66	33.15	78.25	---	---	Average

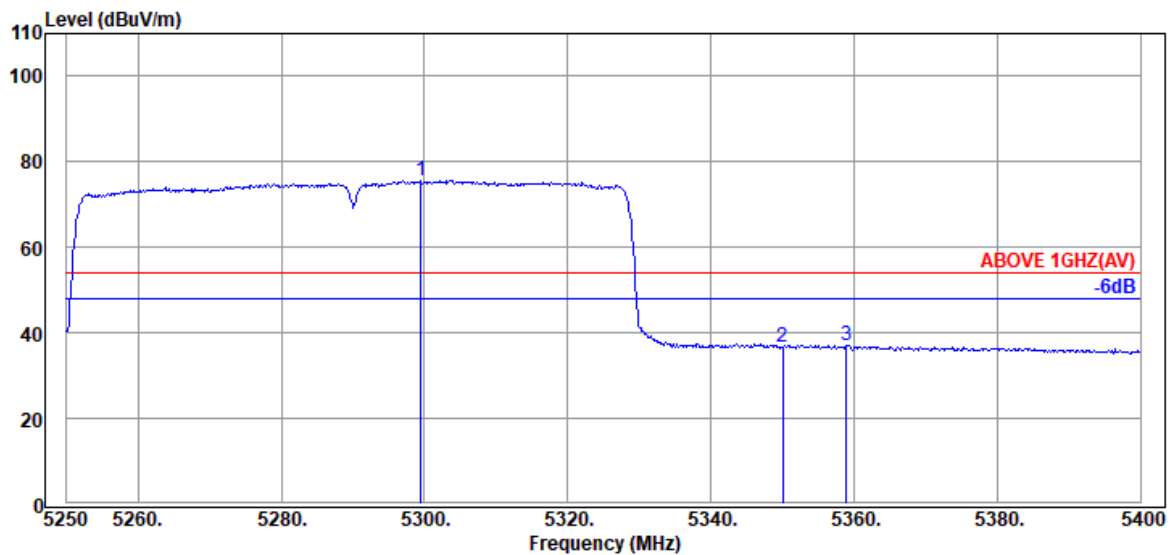
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11ac-VHT80	Frequency	TX 5290MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5313.00	34.49	10.73	40.69	85.91	---	---	Peak
	5350.05	34.51	10.76	5.07	50.34	74.00	23.66	Peak
	5356.95	34.52	10.77	8.80	54.09	74.00	19.91	Peak

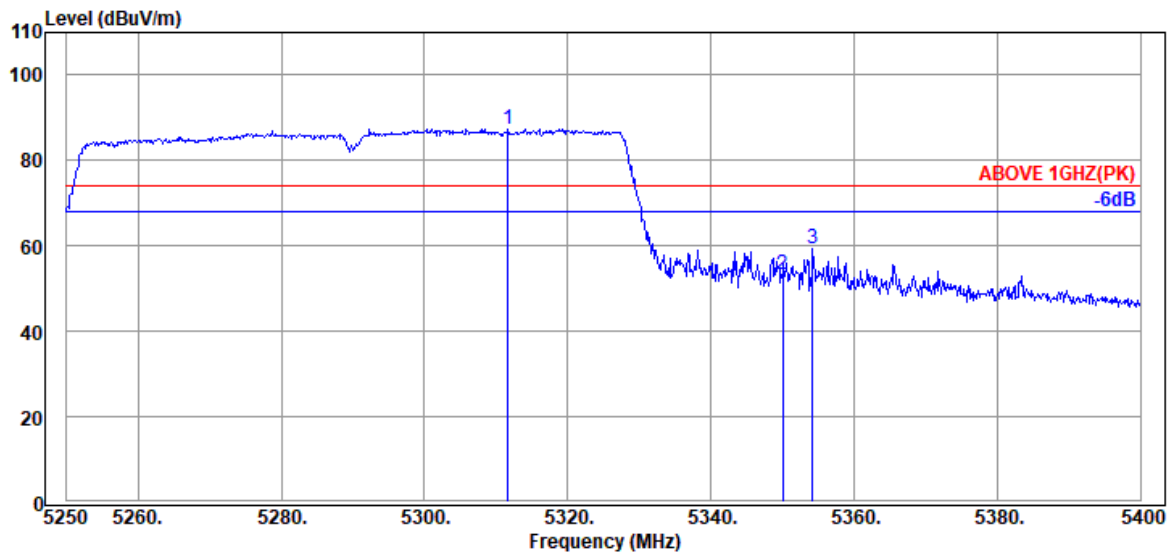


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5299.50	34.48	10.72	30.35	75.55	---	---	Average
	5350.05	34.51	10.76	-8.56	36.71	54.00	17.29	Average
	5358.90	34.52	10.77	-8.19	37.10	54.00	16.90	Average

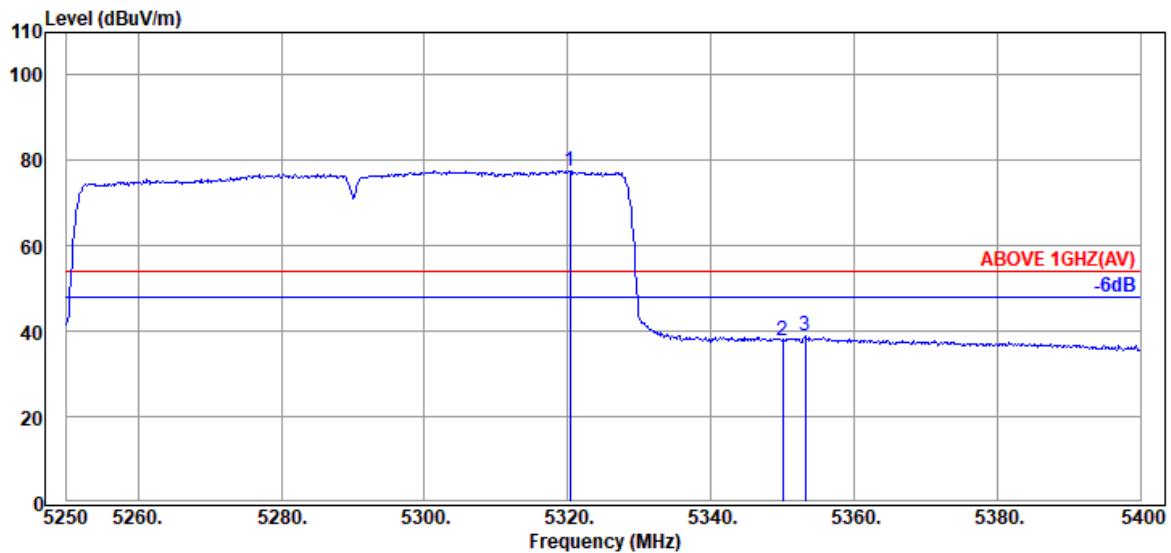
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11ac-VHT80	Frequency	TX 5290MHz
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Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5311.65	34.49	10.73	42.26	87.48	---	---	Peak
	5350.05	34.51	10.76	8.21	53.48	74.00	20.52	Peak
	5354.25	34.52	10.77	13.98	59.27	74.00	14.73	Peak

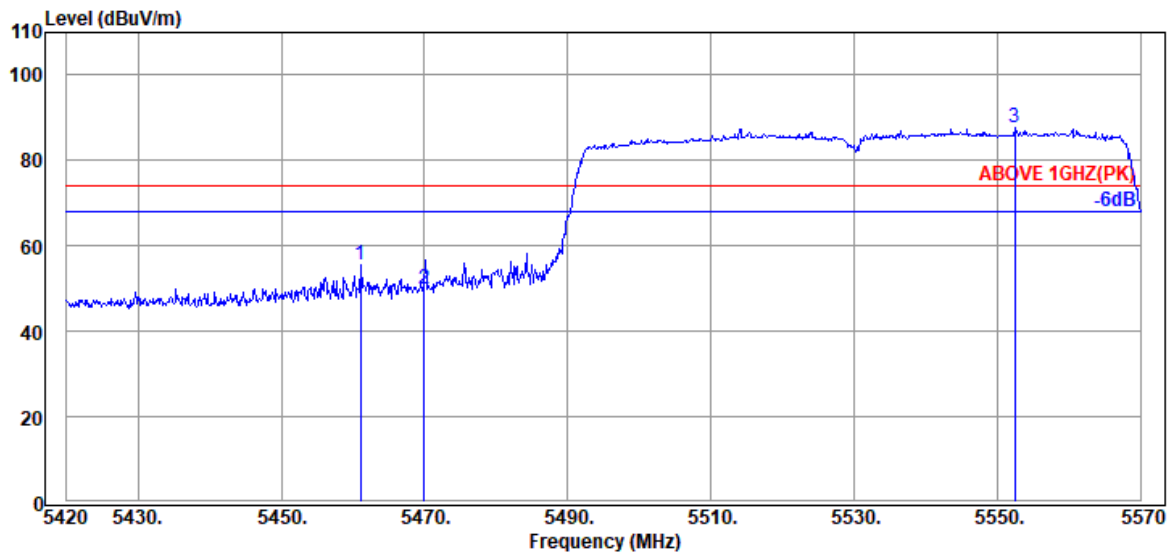


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5320.35	34.49	10.74	32.32	77.55	---	---	Average
	5350.05	34.51	10.76	-7.47	37.80	54.00	16.20	Average
	5353.20	34.51	10.77	-6.51	38.77	54.00	15.23	Average

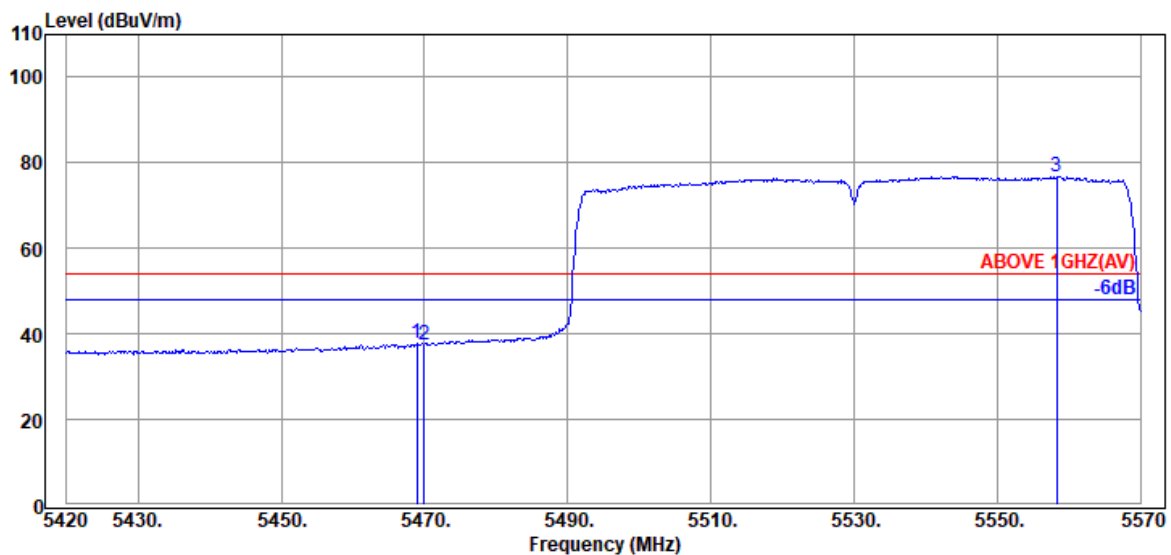
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11ac-VHT80	Frequency	TX 5530MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5461.10	34.57	10.85	10.03	55.45	74.00	18.55	Peak
5469.95	34.58	10.86	4.27	49.71	74.00	24.29	Peak
@ 5552.45	34.72	10.89	41.93	87.54	---	---	Peak

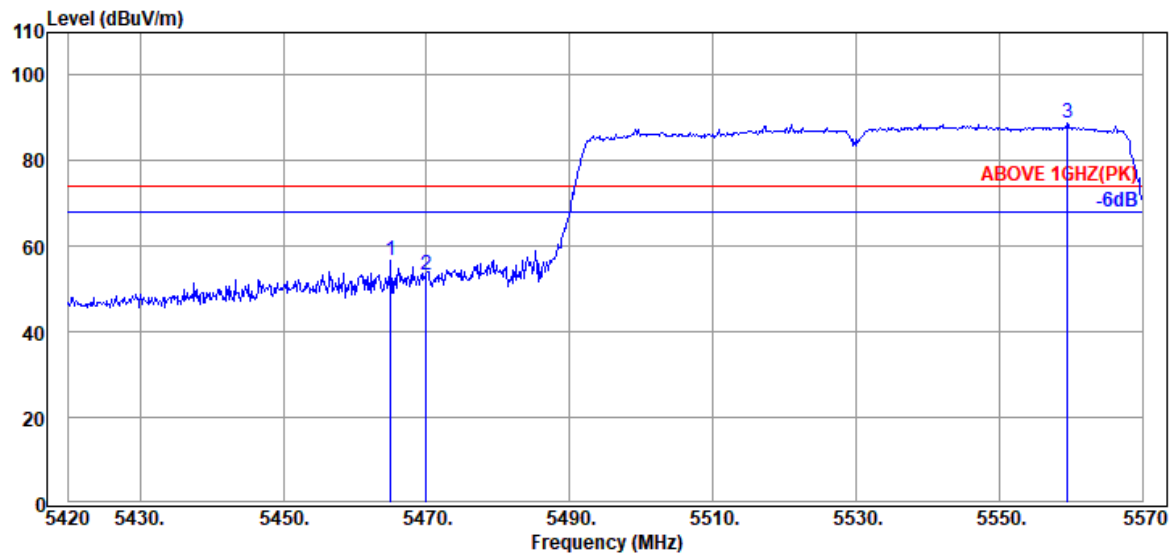


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.90	34.58	10.86	-7.77	37.67	54.00	16.33	Average
5469.95	34.58	10.86	-7.93	37.51	54.00	16.49	Average
@ 5558.30	34.72	10.89	31.23	76.84	---	---	Average

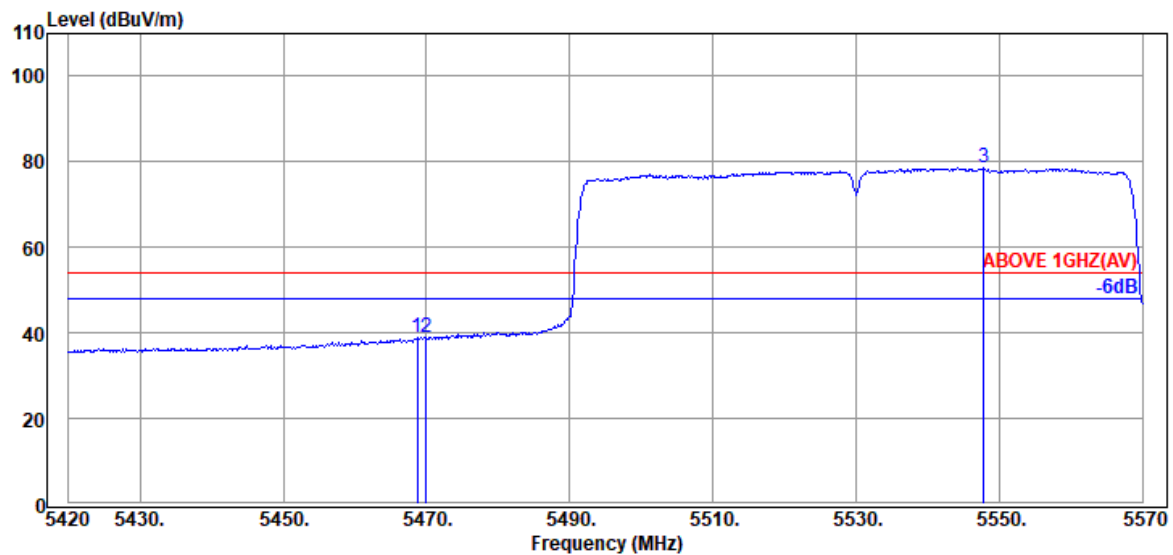
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11ac-VHT80	Frequency	TX 5530MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5465.00	34.58	10.85	11.42	56.85	74.00	17.15	Peak
5469.95	34.58	10.86	7.81	53.25	74.00	20.75	Peak
@ 5559.50	34.76	10.89	43.26	88.91	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.75	34.58	10.86	-6.58	38.86	54.00	15.14	Average
5469.95	34.58	10.86	-6.65	38.79	54.00	15.21	Average
@ 5547.80	34.72	10.89	32.86	78.47	---	---	Average

備註：“@”為主波，在此章節是不予以判定。

2. 最大輸出功率及 26dB/6dB 頻寬之量測

測試日期	2019/07/01	環境溫/濕度	24°C/52%
電纜損失	3.0dB	測試電壓	DC 7.2V (透過電池供電)
Duty Cycle Factor		802.11a: 0	802.11n-HT40: 0.18
		802.11n-HT20: 0	802.11ac-VHT80: 0.27

2.1. 最大輸出功率及 26dB/6dB 頻寬

模式 802.11a	測試頻率	發射頻寬(MHz)		Average輸出功率 (dBm)	10 log (1/X)	Average輸出功率 (dBm)	限制值 (dBm)	限制值 (11dBm+10 log B)
	(MHz)	26dB	99%					
UNII Band I	5180	21.60	16.889	8.92	0	8.92	24	N/A
	5200	21.16	16.764	9.27		9.27		
	5240	21.40	16.857	9.73		9.73		
UNII Band II	5260	21.34	16.907	9.98		9.98	24	24.29
	5300	21.01	16.802	9.02		9.02		24.22
	5320	21.03	16.884	8.68		8.68		24.23
UNII Band III	5500	21.26	16.901	7.41		7.41		24.28
	5580	21.24	16.822	8.16		8.16		24.27
	5700	21.37	16.892	7.42		7.42		24.30
模式 802.11a	測試頻率	發射頻寬(MHz)		Average輸出功率 (dBm)	10 log (1/X)	Average輸出功率 (dBm)	限制值 (dBm)	限制值 (11dBm+10 log B)
	(MHz)	6dB	99%					
UNII Band IV	5745	16.50	16.546	6.33	0	6.33	30	N/A
	5785	16.37	16.502	5.94		5.94		
	5825	16.47	16.548	5.38		5.38		

註: 當Duty cycle<98%, 最大輸出功率必需要加上duty cycle factor 10log(1/x)。
(x=duty cycle, B=26dB發射頻寬)

模式 802.11n-HT20	測試頻率	發射頻寬(MHz)		Average輸出功率 (dBm)	10 log (1/X)	Average輸出功率 (dBm)	限制值 (dBm)	限制值 (11dBm+10 log B)
	(MHz)	26dB	99%					
UNII Band I	5180	21.58	17.988	9.01	0	9.01	24	N/A
	5200	21.43	17.920	9.31		9.31		
	5240	21.56	17.950	9.75		9.75		
UNII Band II	5260	21.56	17.937	10.03		10.03	24	24.34
	5300	23.89	17.884	9.05		9.05		24.78
	5320	21.25	17.948	8.67		8.67		24.27
UNII Band III	5500	21.45	18.018	7.38		7.38	24	24.31
	5580	21.31	17.891	8.18		8.18		24.29
	5700	21.40	17.938	7.38		7.38		24.30
模式 802.11n-HT20	測試頻率	發射頻寬(MHz)		Average輸出功率 (dBm)	10 log (1/X)	Average輸出功率 (dBm)	限制值 (dBm)	限制值 (11dBm+10 log B)
	(MHz)	6dB	99%					
UNII Band IV	5745	17.61	17.729	6.38	0	6.38	30	N/A
	5785	17.33	17.708	5.96		5.96		
	5825	17.64	17.731	5.37		5.37		

註: 當Duty cycle<98%, 最大輸出功率必需要加上duty cycle factor 10log(1/x)。
(x=duty cycle, B=26dB發射頻寬)

模式 802.11n-HT40	測試頻率	發射頻寬(MHz)		Average輸出功率 (dBm)	10 log (1/X)	Average輸出功率 (dBm)	限制值 (dBm)	限制值 (11dBm+10 log B)
	(MHz)	26dB	99%					
UNII Band I	5190	39.32	36.330	8.28	0.18	8.46	24	N/A
	5230	39.31	36.336	9.73		9.91		
UNII Band II	5270	39.29	36.348	9.76		9.94		26.94
	5310	39.35	36.340	8.81		8.99		26.95
UNII Band III	5510	39.39	36.352	7.31		7.49		26.95
	5550	39.59	36.317	8.93		9.11		26.98
	5670	39.81	36.337	6.57		6.75		27.00
模式 802.11n-HT40	測試頻率	發射頻寬(MHz)		Average輸出功率 (dBm)	10 log (1/X)	Average 輸出功率 (dBm)	限制值 (dBm)	限制值 (11dBm+10 log B)
	(MHz)	6dB	99%					
UNII Band IV	5755	36.36	36.171	6.42	0.18	6.60	30	N/A
	5795	36.13	36.148	5.86		6.04		

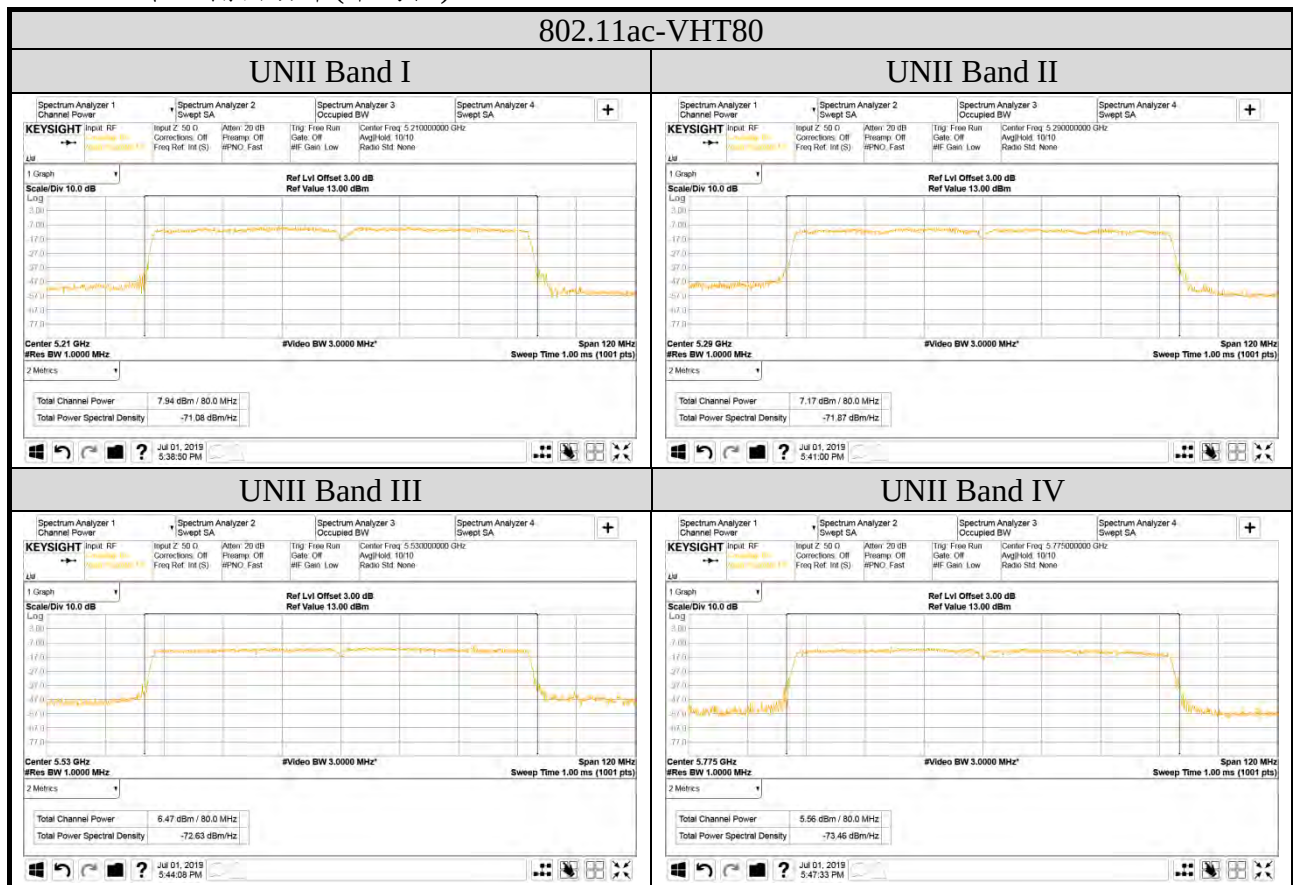
註: 當Duty cycle<98%, 最大輸出功率必需要加上duty cycle factor $10\log(1/x)$ 。
(x=duty cycle, B=26dB發射頻寬)

模式 802.11ac- VHT80	測試頻率	發射頻寬(MHz)		Average輸出功率 (dBm)	10 log (1/X)	Average輸出功率 (dBm)	限制值 (dBm)	限制值 (11dBm+10 log B)
	(MHz)	26dB	99%					
UNII Band I	5210	80.65	75.631	7.94	0.27	8.21	24	N/A
UNII Band II	5290	80.16	75.563	7.17		7.44		30.04
UNII Band III	5530	81.20	75.712	6.47		6.74		30.10
模式 802.11n-HT40	測試頻率	發射頻寬(MHz)		Average輸出功率 (dBm)	10 log (1/X)	Average 輸出功率 (dBm)	限制值 (dBm)	限制值 (11dBm+10 log B)
	(MHz)	6dB	99%					
UNII Band IV	5775	75.89	75.530	5.56	0.27	5.83	30	N/A

註: 當Duty cycle<98%, 最大輸出功率必需要加上duty cycle factor $10\log(1/x)$ 。
(x=duty cycle, B=26dB發射頻寬)

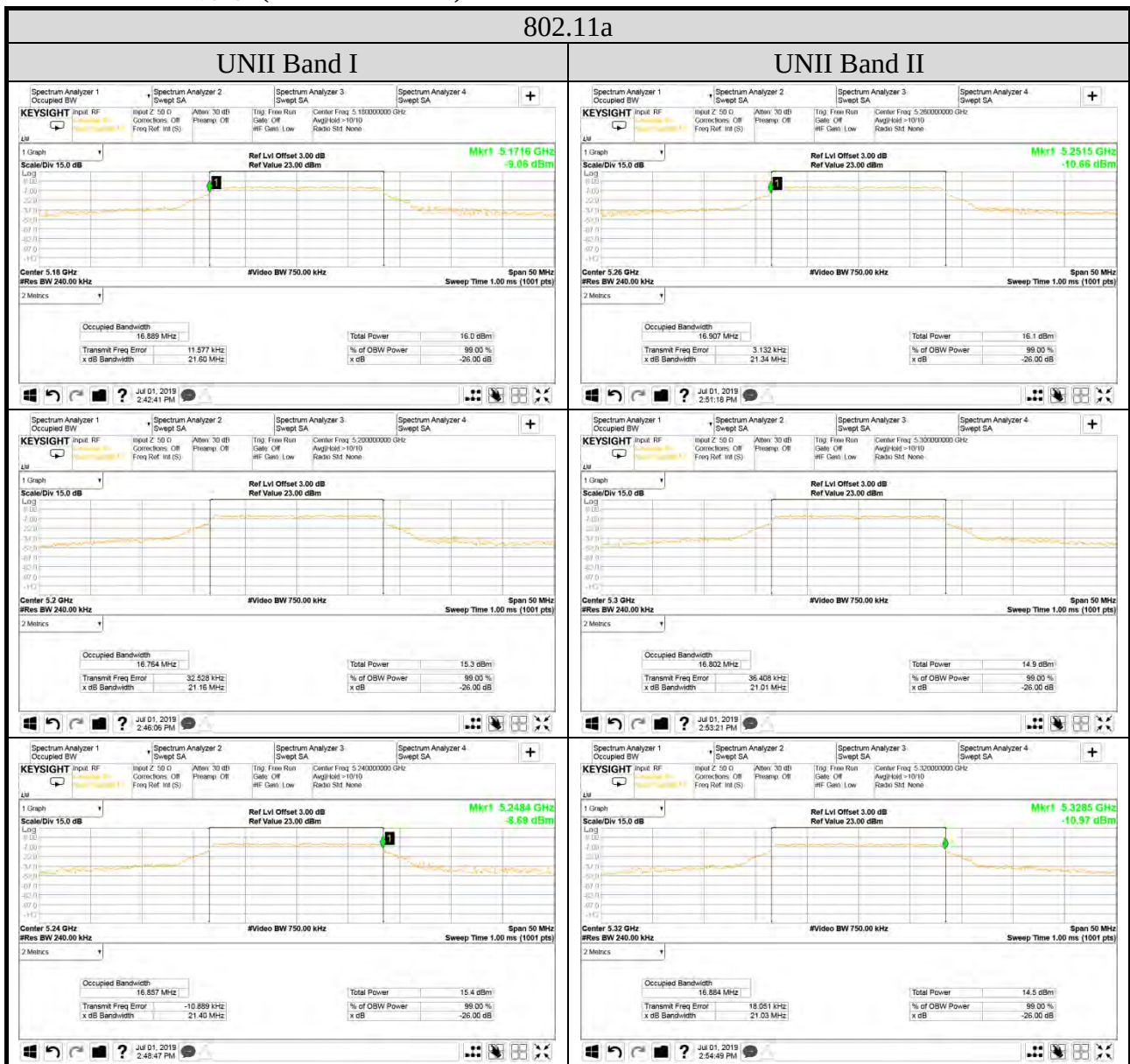
2.2. 最大輸出功率及 26dB/6dB 頻寬之量測圖

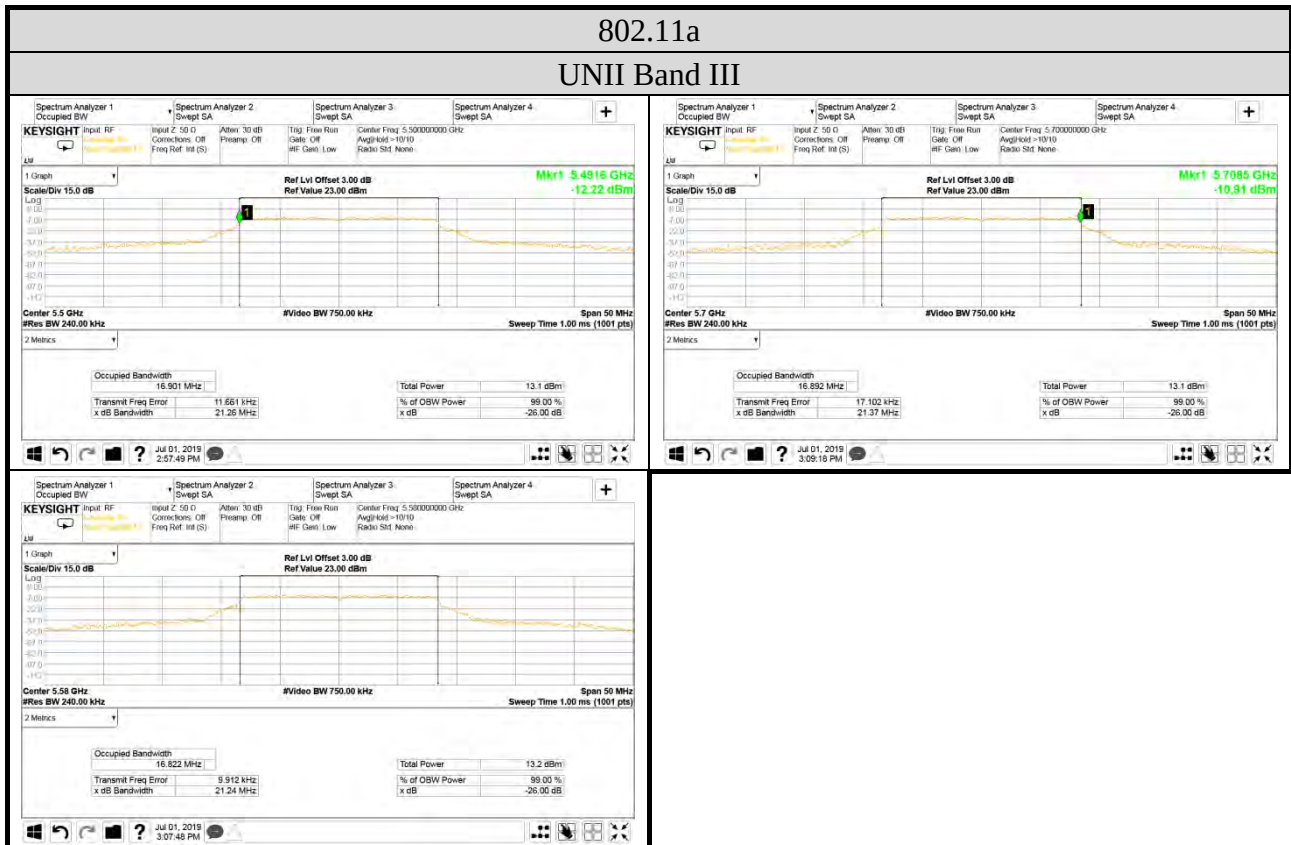
● 最大輸出功率(平均值)



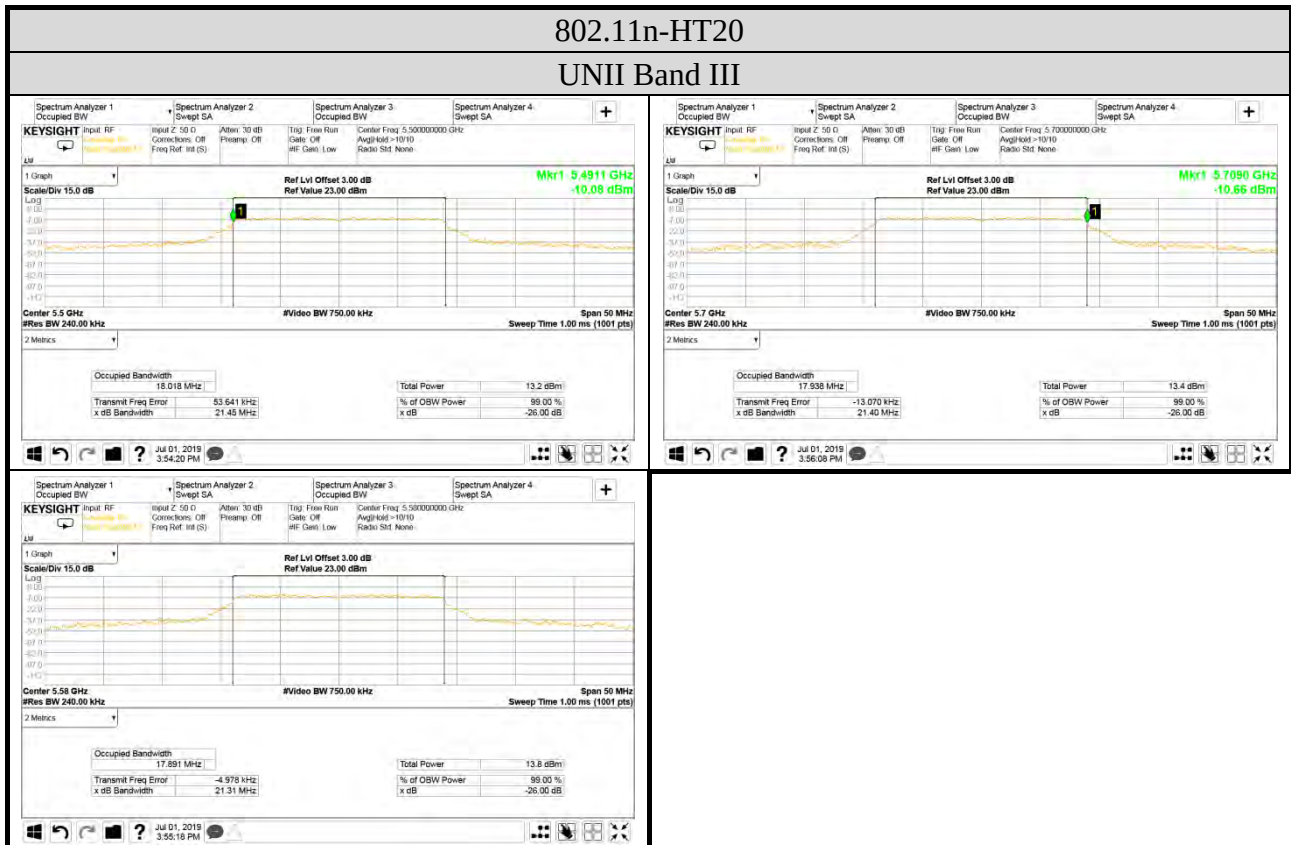
● 26dB 頻寬 (UNII Band I~III)

802.11a







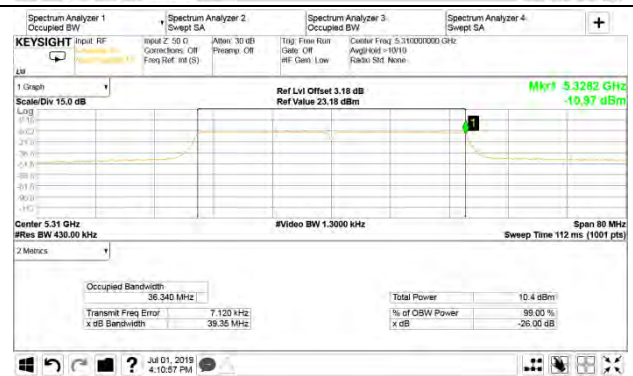
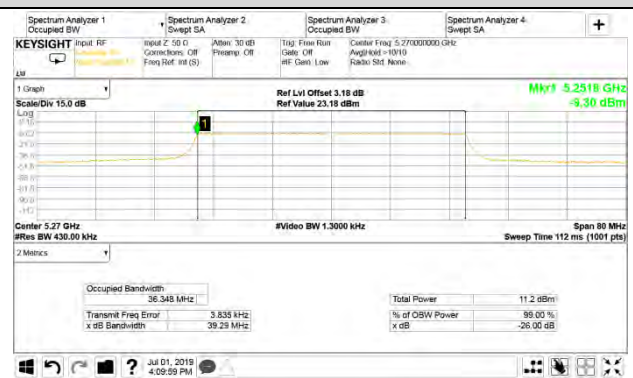


802.11n-HT40

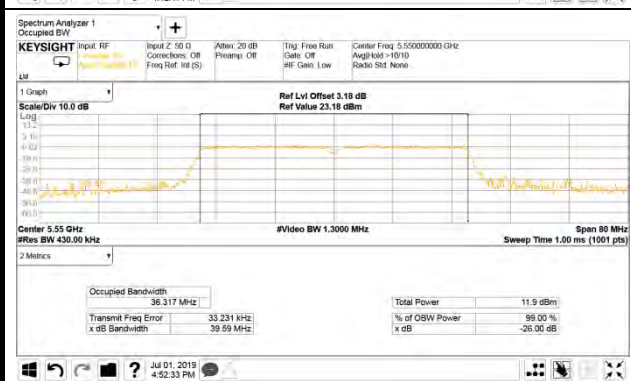
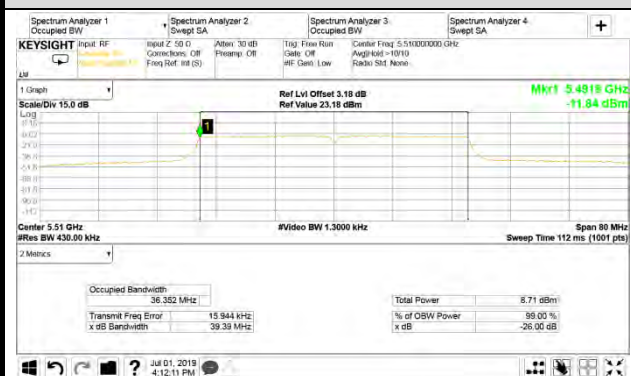
UNII Band I

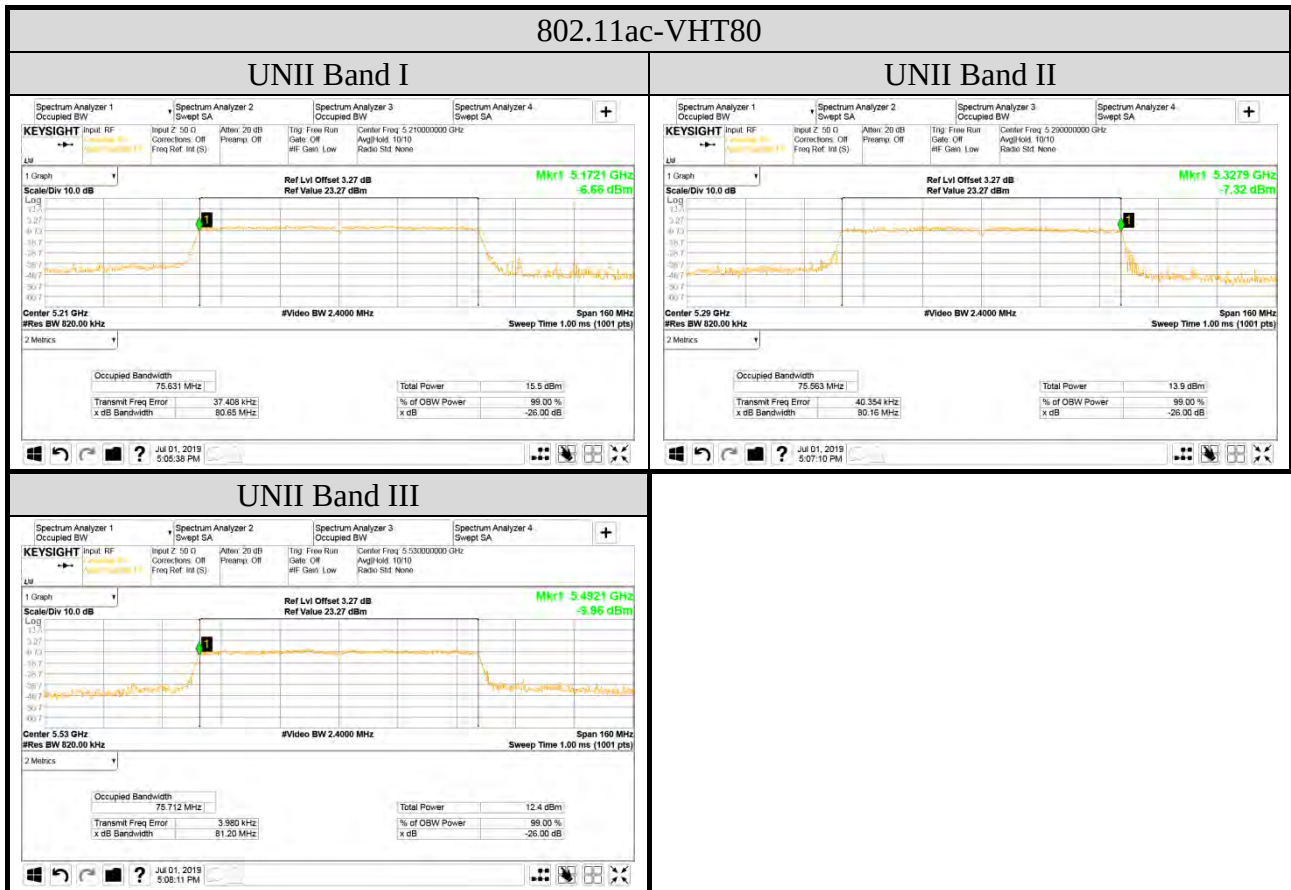


UNII Band II

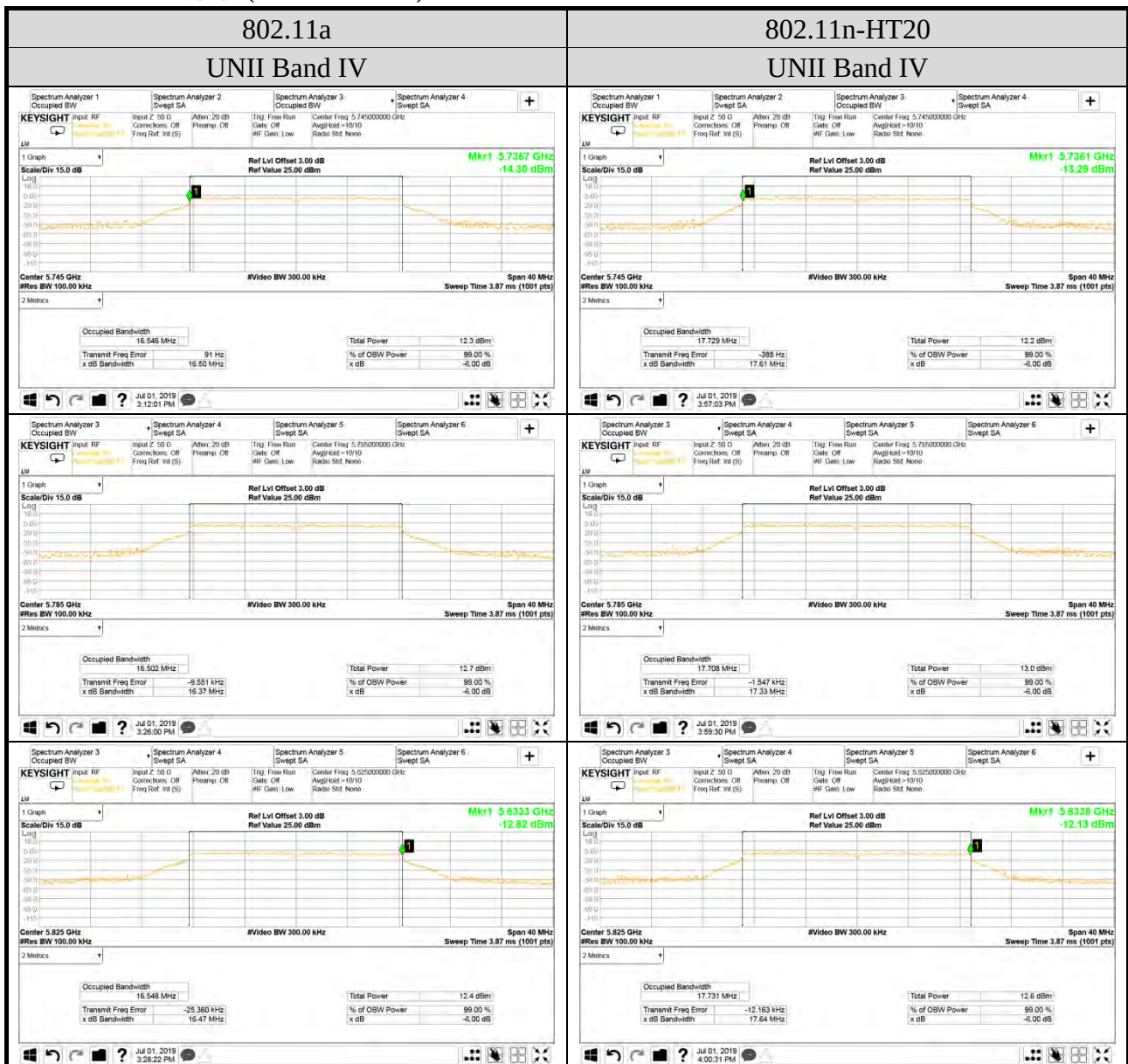


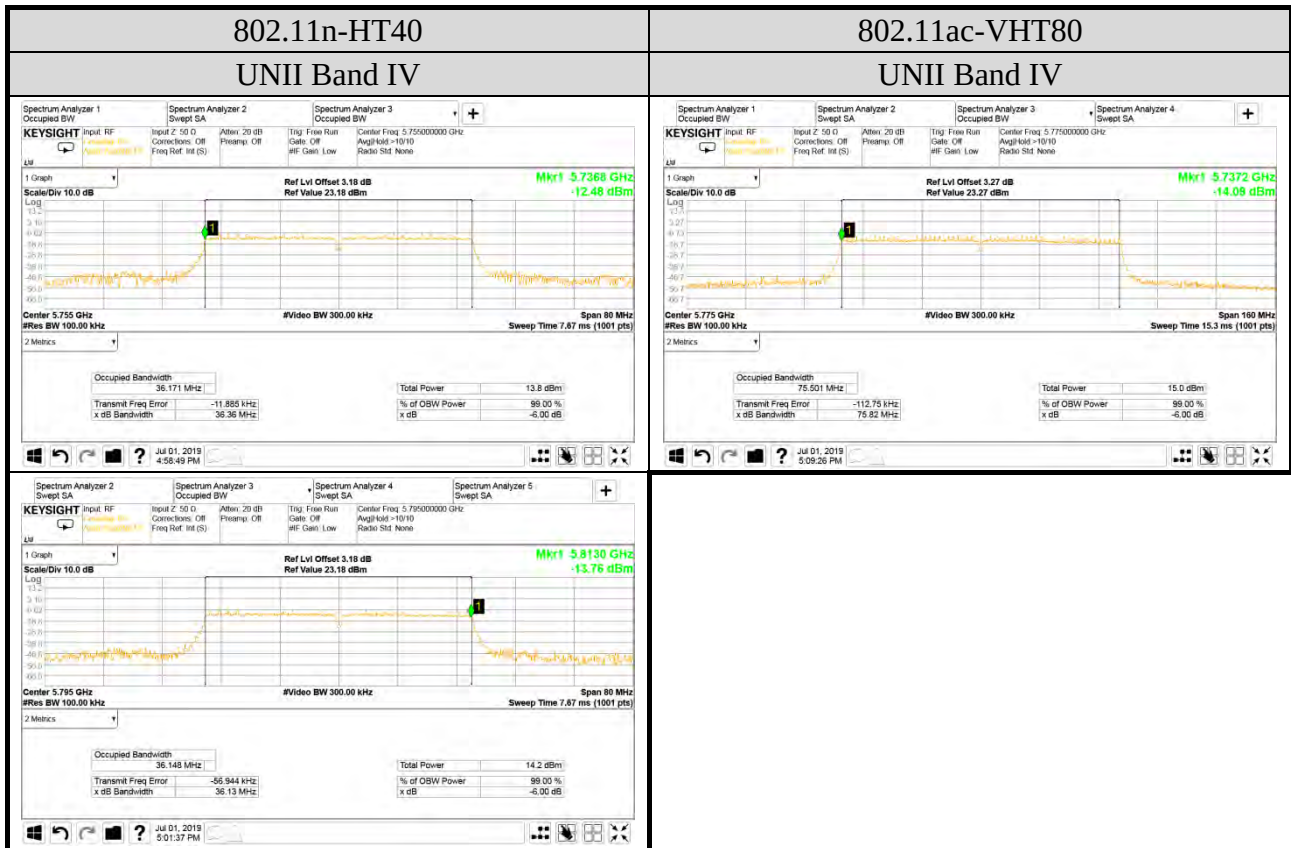
UNII Band III





● 6dB 頻寬 (UNII Band IV)





3. 峰值功率頻譜密度之量測

測試日期	2019/07/01	環境溫/濕度	24°C/53%
電纜損失	3.0dB	測試電壓	DC 7.2V (經電池供電)
Duty Cycle Factor	802.11a: 0 802.11n-HT40: 0.18 802.11n-HT20: 0 802.11ac-VHT80: 0.27		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)	0		

3.1. 峰值功率頻譜密度

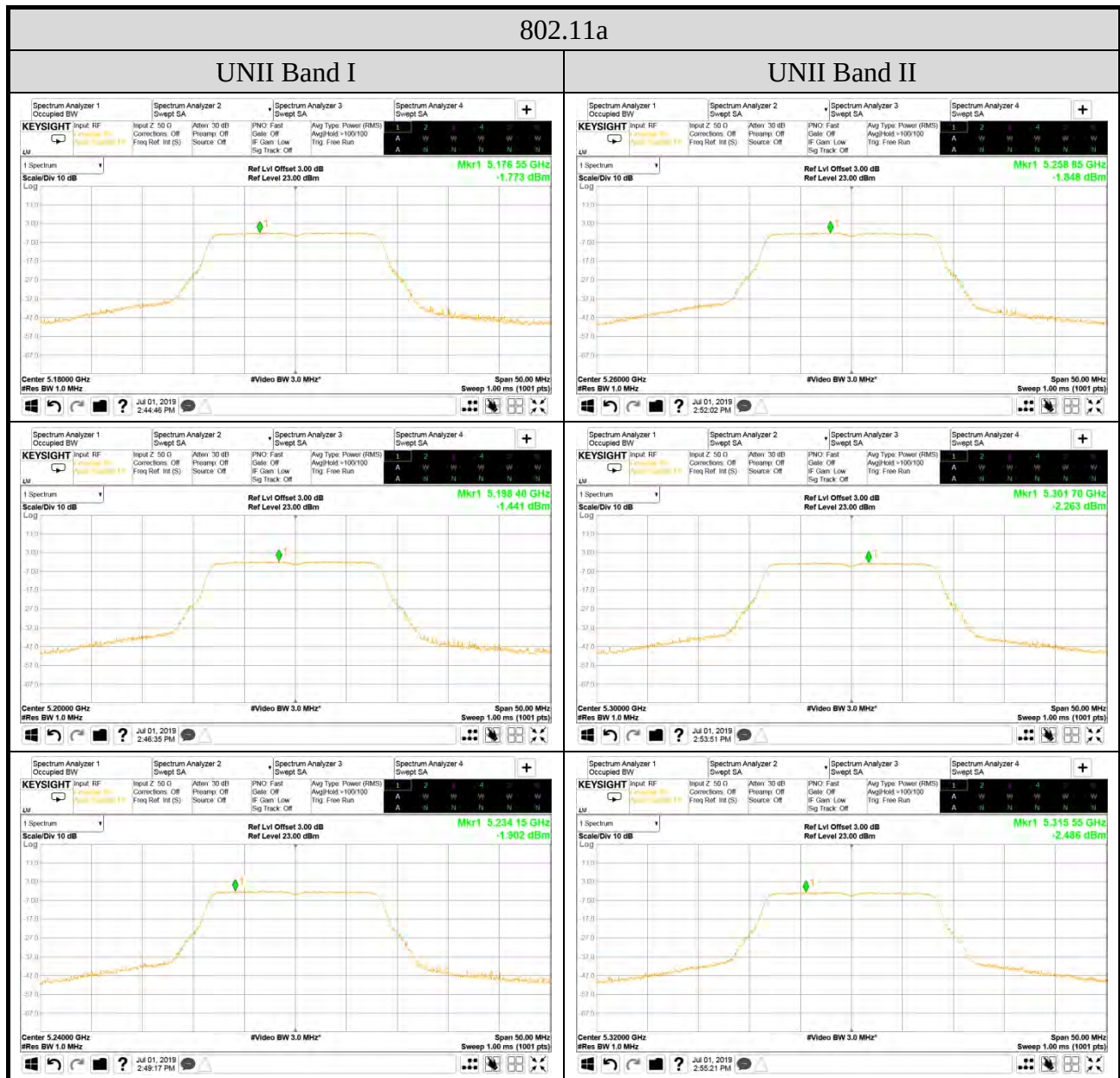
模式	UNII Band	測試頻率(MHz)	峰值功率頻譜密度		限制值
			(dBm/1MHz)	(dBm/500kHz)	
802.11a	I	5180	-1.773	--	11 dBm/MHz
		5200	-1.441	--	
		5240	-1.902	--	
	II	5260	-1.848	--	
		5300	-2.263	--	
		5320	-2.486	--	
	III	5500	-4.032	--	
		5580	-3.445	--	
		5700	-3.955	--	
	IV ^{Note2}	5745	--	-6.599	30dBm/500 kHz
		5785	--	-5.834	
		5825	--	-6.277	
802.11n- HT20	I	5180	-1.804	--	11 dBm/MHz
		5200	-1.655	--	
		5240	-1.771	--	
	II	5260	-1.773	--	
		5300	-2.307	--	
		5320	-2.433	--	
	III	5500	-4.169	--	
		5580	-3.306	--	
		5700	-3.859	--	
	IV ^{Note}	5745	--	-7.202	30dBm/500 kHz
		5785	--	-6.091	
		5825	--	-6.287	

Note: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

模式	UNII Band	測試頻率(MHz)	峰值功率頻譜密度		限制值
			(dBm/1MHz)	(dBm/500kHz)	
802.11n- HT40	I	5190	-5.064	--	11 dBm/MHz
		5230	-4.434	--	
	II	5270	-4.667	--	
		5310	-4.979	--	
	III	5510	-6.850	--	
		5550	-7.041	--	
		5670	-7.100	--	
	IV ^{Note}	5755	--	-9.008	30dBm/500 kHz
		5795	--	-8.473	
802.11ac- VHT80	I	5210	-8.679	--	11 dBm/MHz
	II	5290	-9.074	--	
	III	5530	-10.478	--	
	IV ^{Note}	5775	--	-11.618	30dBm/500 kHz

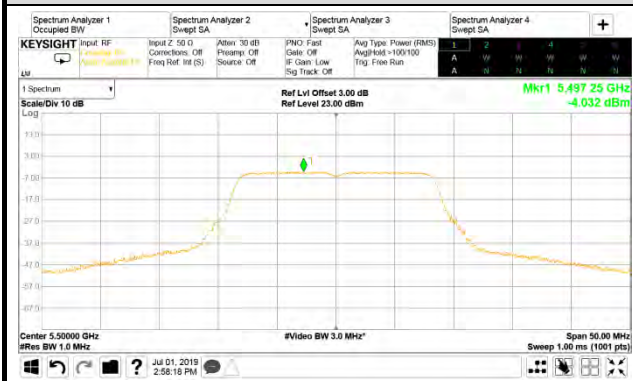
Note: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

3.2. 峰值功率頻譜密度之量測圖

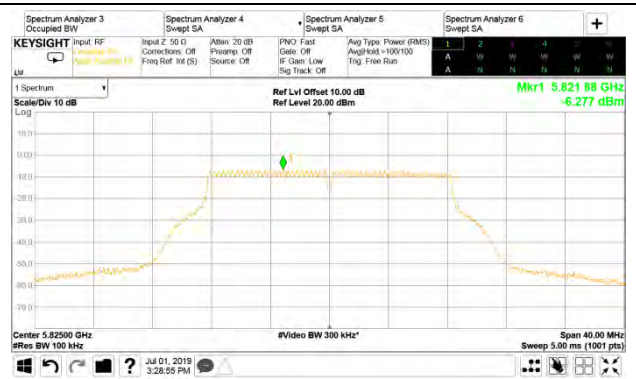
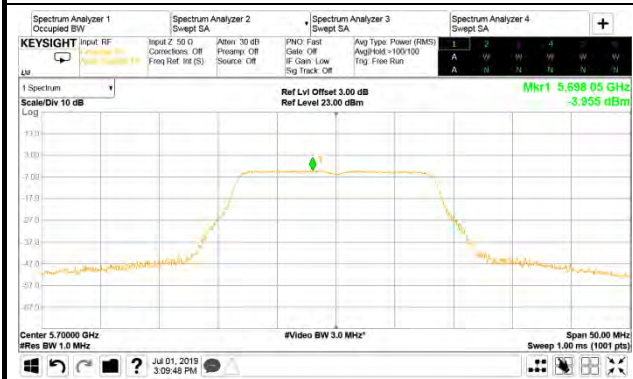
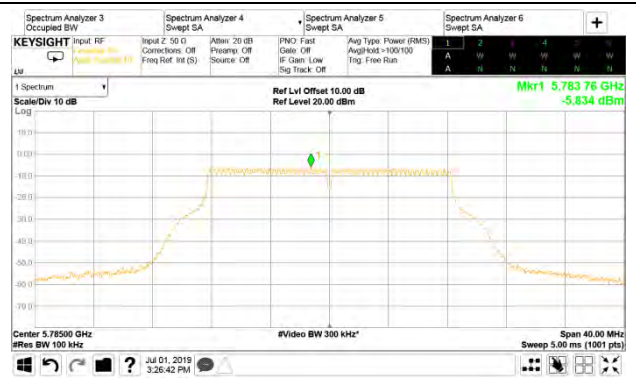
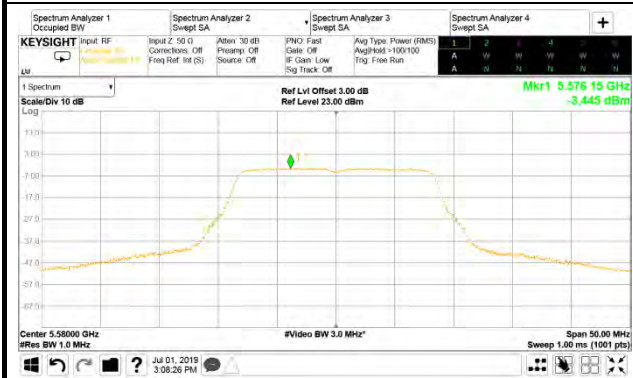
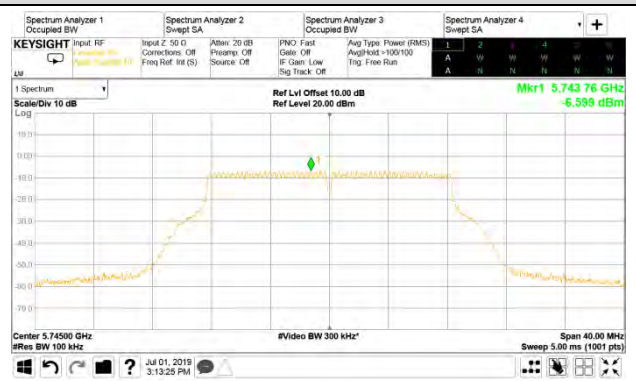


802.11a

UNII Band III



UNII Band IV

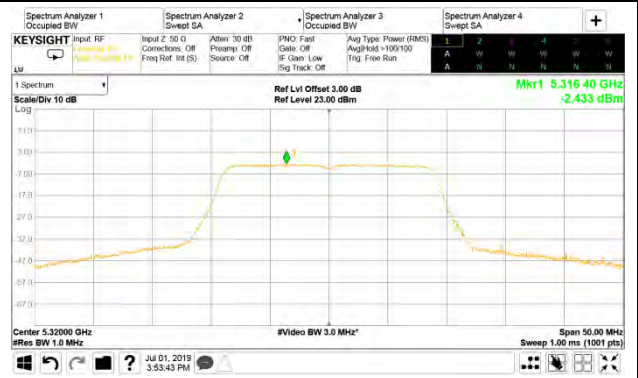
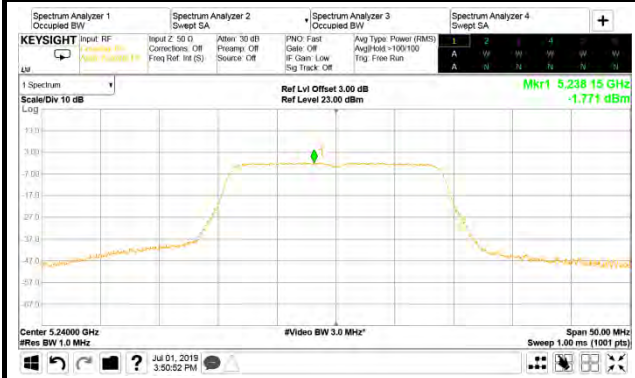
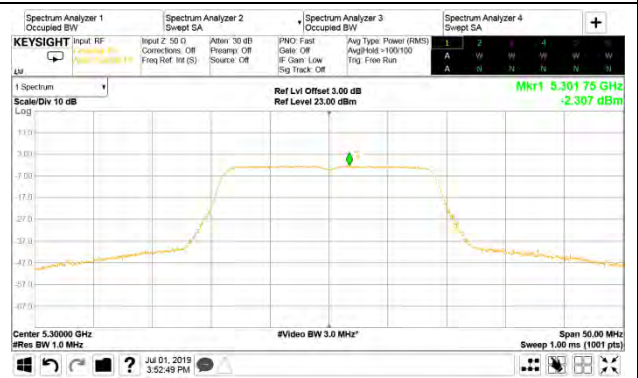
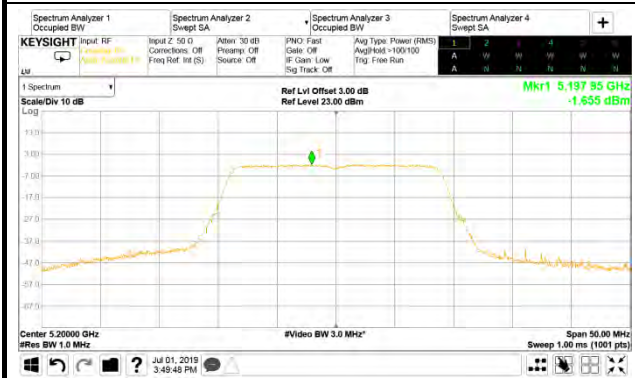
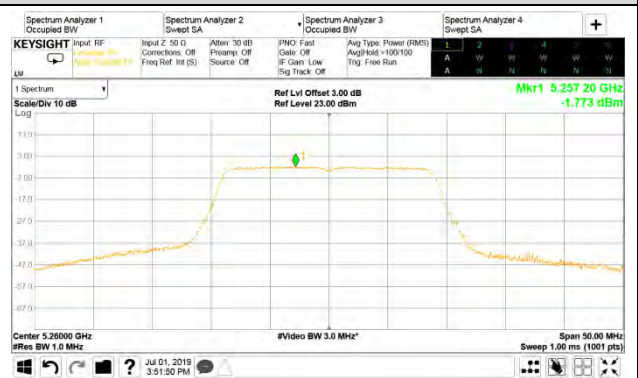


802.11n-HT20

UNII Band I

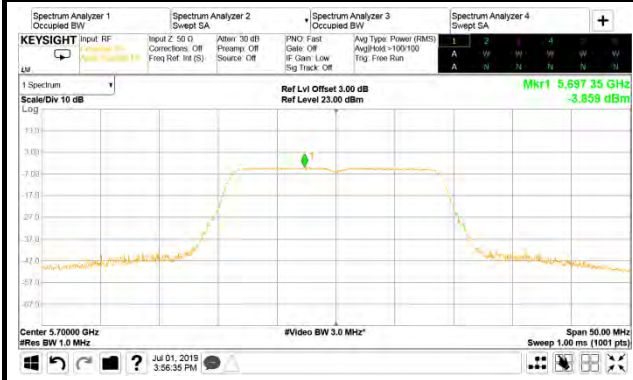
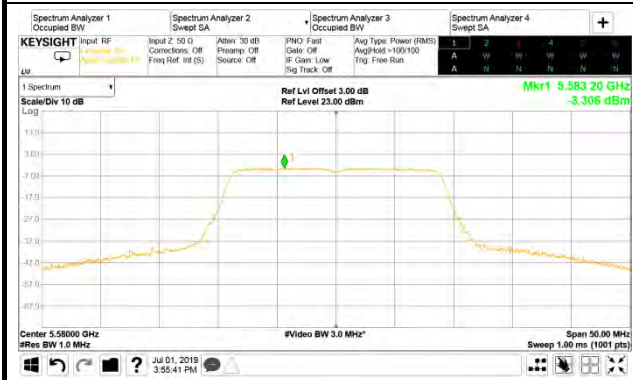
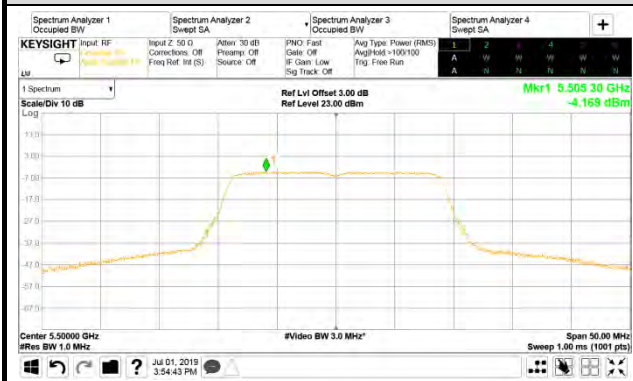


UNII Band II

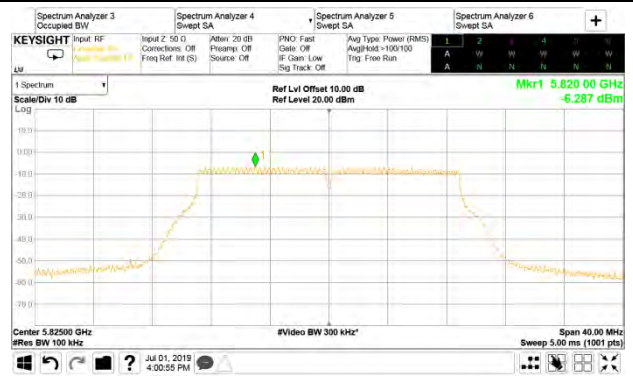
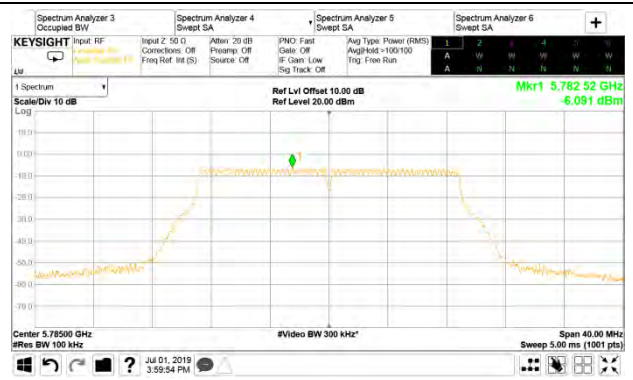
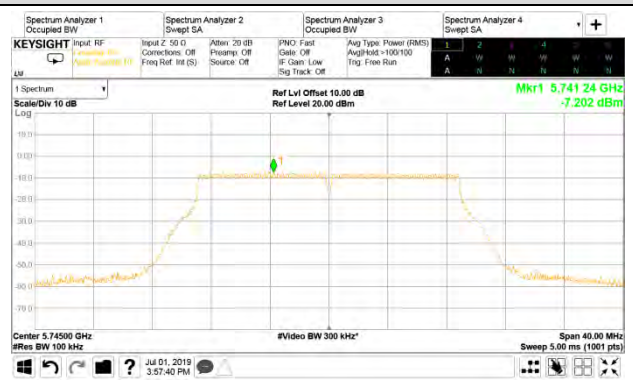


802.11n-HT20

UNII Band III

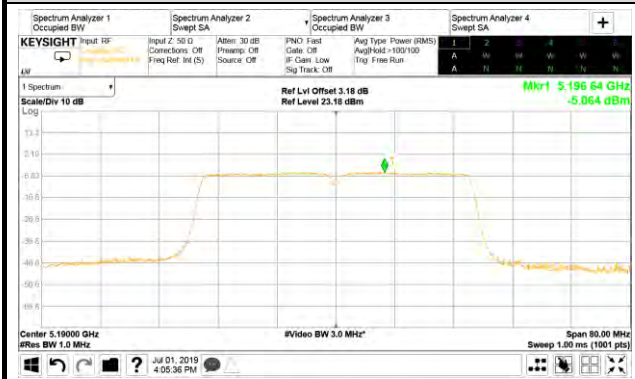


UNII Band IV

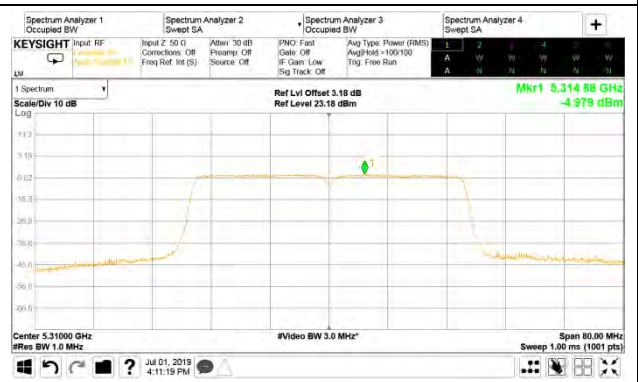
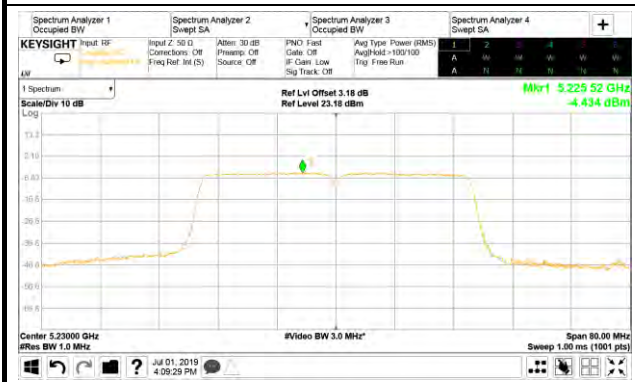
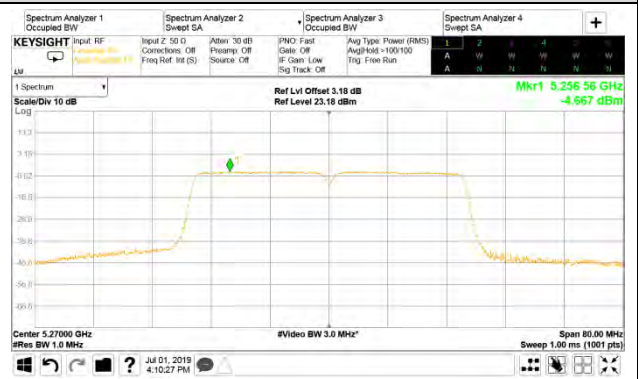


802.11n-HT40

UNII Band I

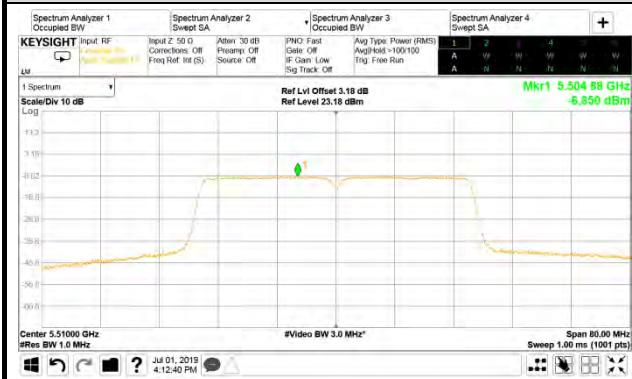


UNII Band II

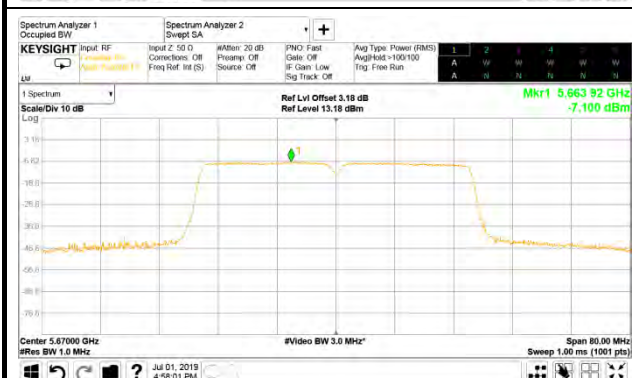
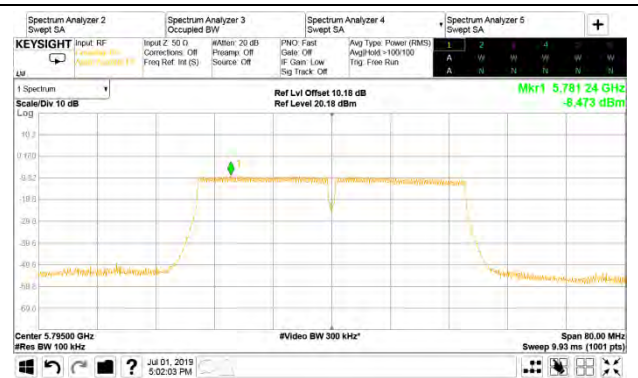
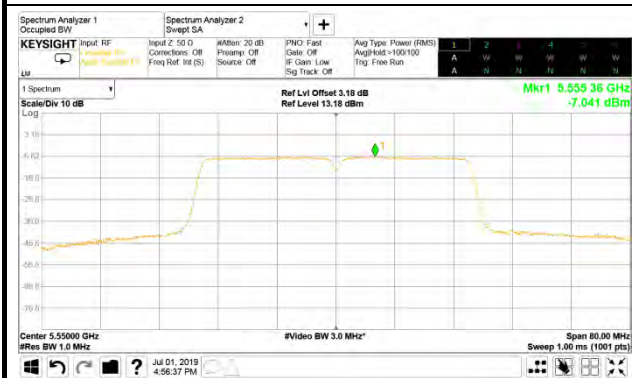
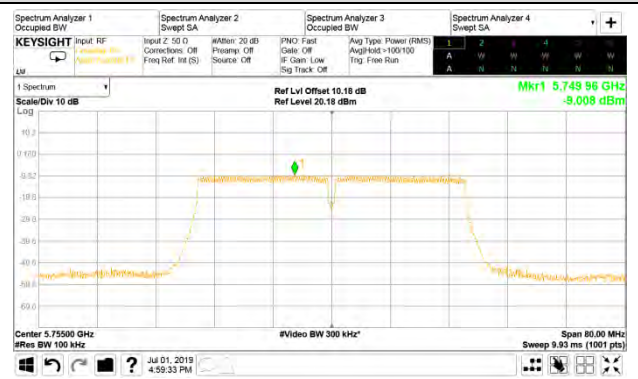


802.11n-HT40

UNII Band III

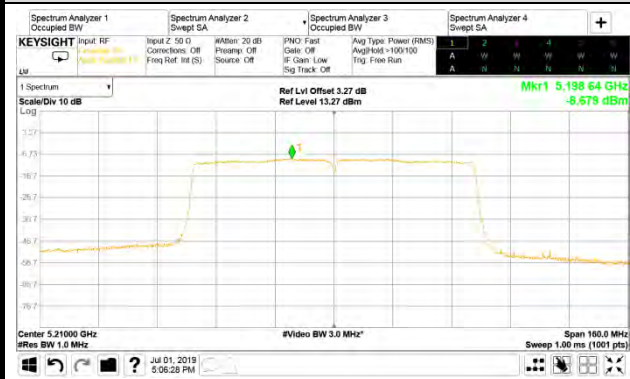


UNII Band IV

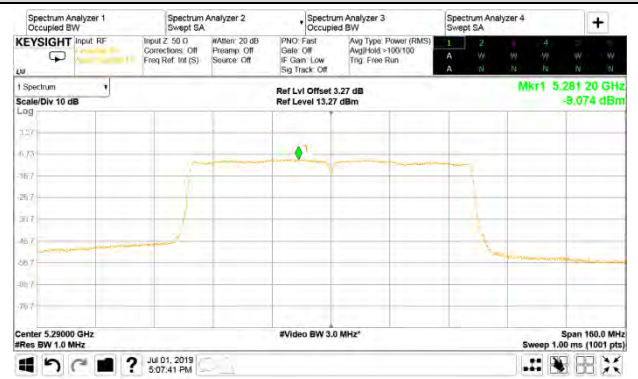


802.11ac-VHT80

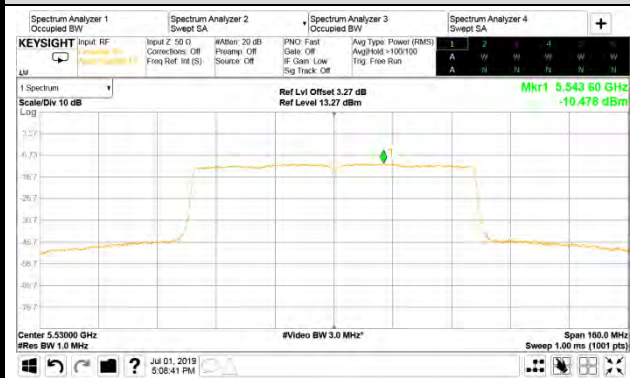
UNII Band I



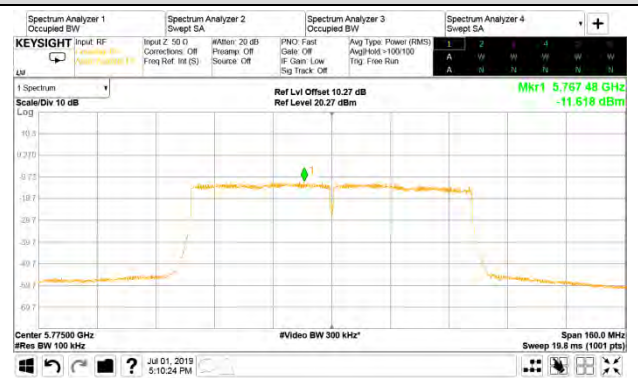
UNII Band II



UNII Band III

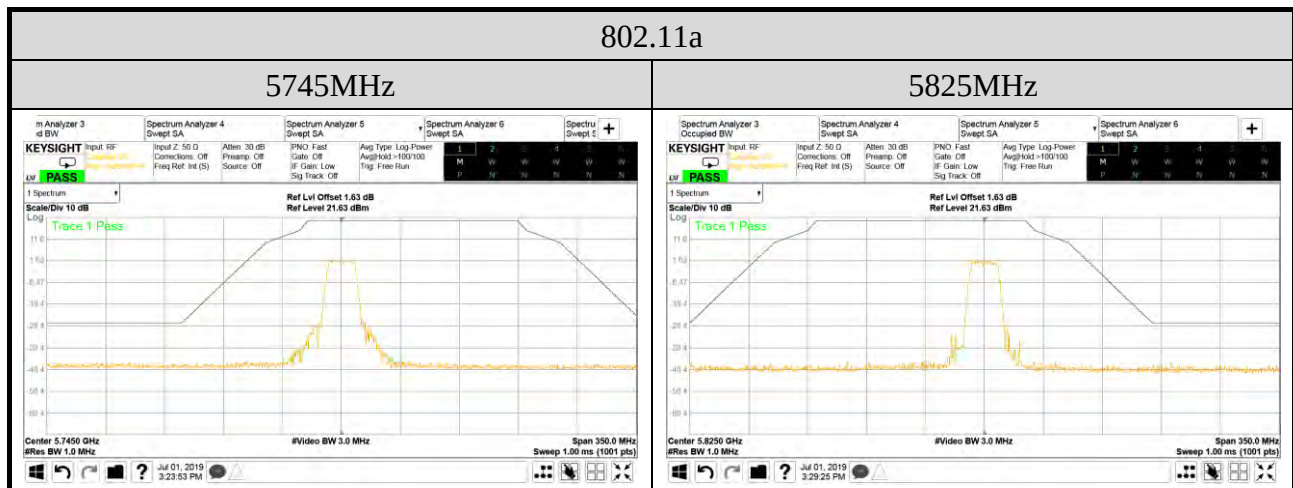


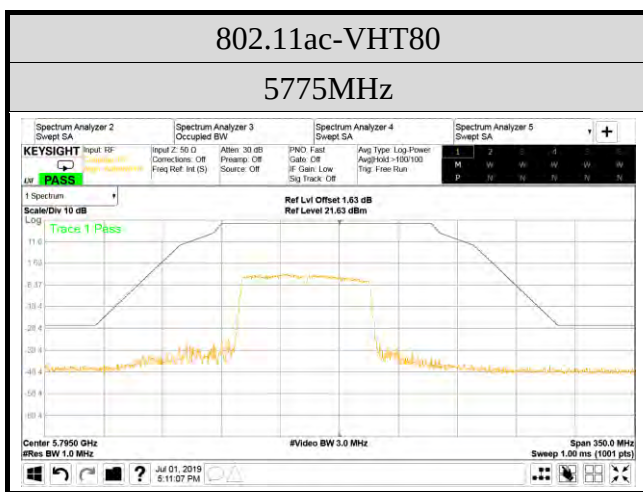
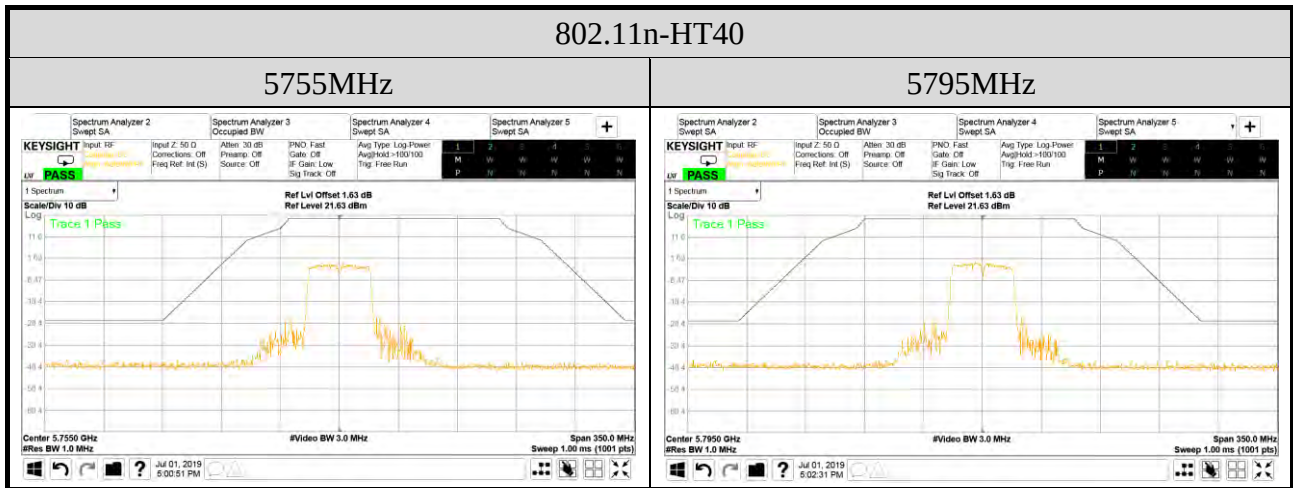
UNII Band IV



5. 頻帶邊緣之 RF 傳導發射之量測

測試日期	2019/07/01	環境溫/濕度	24°C/53%
電纜損失	1.63dB	測試電壓	DC 7.2V (經電池供電)
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0





6. 電波暴露量之量測

測試日期	2019/07/01	環境溫/濕度	24°C/52%
測試電壓	DC 7.2V (透過電池供電)		

距離人體(r):	20	cm		
最大發射功率(P):	10.03	dBm	=	10.069 mW
最大天線增益(G):	-1.37	dB	=	0.729 Numerical
MPE (S) = (P*G) / (4*π*r ²) =	0.0015 mW/cm ²			
註：1. 最大發射功率系指5GHz各模式/頻道中最大之發射功率功率。				
2. 電磁波曝露量MPE標準值1mW/cm ² ，送測產品實測值為：0.0015 mW/cm ²				