

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(測至本地振盪頻率之 10 次諧波)，實驗室擇取原報告之最差之模式進行 30MHz-25GHz 的場強輻射之量測，並將所有模式之掃頻圖檢附於附錄中。所得讀值資料請見章節 1.1 ~ 1.2：

802.11a				
模式	動作狀態	基本頻率		量測頻率範圍
1	發射	UNII Band III	5580MHz (CH116)	30-1000MHz
2				1000-3000MHz
3				3000-8000MHz
4				8000-18000MHz
5				18000-25000MHz
6	接收	UNII Band III	5580MHz (CH116)	30-1000MHz
7				1000-3000MHz
8				3000-8000MHz
9				8000-18000MHz
10				18000-25000MHz

註: 1.以上所有模式之掃頻圖是檢附於附錄中。

Test Date	2019/01/10	Temp./Hum.	23°C/50%
Test Voltage	AC 110V, 60Hz		

1.1. 30-1000MHz 頻率範圍，其他不必要發射量測

Mode	802.11a	UNII Band	III
		Frequency	TX 5580MHz

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
155.13	16.75	3.39	17.42	37.56	43.50	5.94	Peak
240.49	18.81	3.92	22.71	45.44	46.00	0.56	Peak
262.80	19.52	4.08	21.35	44.95	46.00	1.05	Peak
272.50	19.60	4.15	18.28	42.03	46.00	3.97	Peak
456.80	23.20	5.94	13.20	42.34	46.00	3.66	Peak
795.33	26.46	7.54	10.87	44.87	46.00	1.13	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
31.94	24.13	1.50	13.78	39.41	40.00	0.59	Peak
114.39	18.49	2.90	17.57	38.96	43.50	4.54	Peak
165.80	16.16	3.48	22.71	42.35	43.50	1.15	Peak
240.49	18.81	3.92	18.79	41.52	46.00	4.48	Peak
453.89	23.16	5.93	10.38	39.47	46.00	6.53	Peak
795.33	26.46	7.54	10.63	44.63	46.00	1.37	Peak

Mode	---	Frequency	RX 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
155.13	16.75	3.39	17.22	37.36	43.50	6.14	Peak
242.43	18.91	3.93	22.55	45.39	46.00	0.61	Peak
260.86	19.50	4.06	21.52	45.08	46.00	0.92	Peak
272.50	19.60	4.15	18.73	42.48	46.00	3.52	Peak
453.89	23.16	5.93	13.72	42.81	46.00	3.19	Peak
795.33	26.46	7.54	7.77	41.77	46.00	4.23	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
41.64	18.90	1.74	18.75	39.39	40.00	0.61	Peak
112.45	18.36	2.87	17.74	38.97	43.50	4.53	Peak
165.80	16.16	3.48	22.85	42.49	43.50	1.01	Peak
240.49	18.81	3.92	19.41	42.14	46.00	3.86	Peak
456.80	23.20	5.94	11.31	40.45	46.00	5.55	Peak
797.27	26.46	7.54	10.12	44.12	46.00	1.88	Peak

1.2. 1000MHz 以上頻率範圍，其他不必要發射量測

Mode	802.11a	UNII Band	III
		Frequency	TX 5580MHz

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
1144.00	25.50	3.78	16.41	45.69	54.00	8.31	Peak
1194.00	25.47	3.90	19.60	48.97	54.00	5.03	Peak
1488.00	25.30	5.00	17.04	47.34	54.00	6.66	Peak
1594.00	25.82	5.01	20.12	50.95	54.00	3.05	Peak
1750.00	26.65	5.04	18.04	49.73	54.00	4.27	Peak
1800.00	26.88	5.04	18.45	50.37	54.00	3.63	Peak
1938.00	27.52	5.06	13.49	46.07	54.00	7.93	Peak
1992.00	27.75	5.07	17.08	49.90	54.00	4.10	Peak
2096.00	27.92	5.35	12.92	46.19	54.00	7.81	Peak
2378.00	28.27	6.16	13.42	47.85	54.00	6.15	Peak
2700.00	29.13	6.63	13.79	49.55	54.00	4.45	Peak
2816.00	29.51	6.69	12.61	48.81	54.00	5.19	Peak
3155.00	30.41	7.11	-3.26	34.26	54.00	19.74	Average
3155.00	30.41	7.11	16.86	54.38	74.00	19.62	Peak
3575.00	31.24	7.86	10.07	49.17	74.00	24.83	Peak
4730.00	32.69	9.00	9.56	51.25	74.00	22.75	Peak
5375.00	33.81	9.42	-5.34	37.89	54.00	16.11	Average
5375.00	33.81	9.42	15.10	58.33	74.00	15.67	Peak
11160.00	38.67	13.12	-0.61	51.18	54.00	2.82	Average
11160.00	38.67	13.12	12.41	64.20	74.00	9.80	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
1194.00	25.47	3.90	22.16	51.53	54.00	2.47	Peak
1518.00	25.40	5.00	16.34	46.74	54.00	7.26	Peak
1594.00	25.82	5.01	17.63	48.46	54.00	5.54	Peak
1734.00	26.55	5.03	17.06	48.64	54.00	5.36	Peak
1996.00	27.77	5.07	13.75	46.59	54.00	7.41	Peak
2090.00	27.92	5.33	14.79	48.04	54.00	5.96	Peak
2394.00	28.28	6.21	12.70	47.19	54.00	6.81	Peak
2698.00	29.10	6.62	11.72	47.44	54.00	6.56	Peak
3160.00	30.41	7.11	15.11	52.63	74.00	21.37	Peak
3990.00	32.37	8.49	9.98	50.84	74.00	23.16	Peak
5375.00	33.81	9.42	-6.07	37.16	54.00	16.84	Average
5375.00	33.81	9.42	13.81	57.04	74.00	16.96	Peak

Mode	---	UNII Band	III
		Frequency	RX 5580MHz

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
1188.00	25.47	3.89	20.85	50.21	54.00	3.79	Peak
1498.00	25.30	5.00	16.73	47.03	54.00	6.97	Peak
1600.00	25.88	5.02	18.18	49.08	54.00	4.92	Peak
1744.00	26.60	5.04	18.23	49.87	54.00	4.13	Peak
1794.00	26.85	5.04	18.33	50.22	54.00	3.78	Peak
1922.00	27.45	5.06	14.81	47.32	54.00	6.68	Peak
2086.00	27.91	5.31	14.09	47.31	54.00	6.69	Peak
2378.00	28.27	6.16	13.32	47.75	54.00	6.25	Peak
2606.00	28.78	6.57	13.31	48.66	54.00	5.34	Peak
2696.00	29.10	6.62	13.63	49.35	54.00	4.65	Peak
2810.00	29.48	6.69	11.86	48.03	54.00	5.97	Peak
3170.00	30.42	7.13	16.23	53.78	74.00	20.22	Peak
5380.00	33.81	9.43	-5.81	37.43	54.00	16.57	Average
5380.00	33.81	9.43	14.43	57.67	74.00	16.33	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
1198.00	25.47	3.91	22.11	51.49	54.00	2.51	Peak
1396.00	25.35	4.64	15.80	45.79	54.00	8.21	Peak
1494.00	25.30	5.00	16.46	46.76	54.00	7.24	Peak
1600.00	25.88	5.02	18.18	49.08	54.00	4.92	Peak
1720.00	26.50	5.03	17.13	48.66	54.00	5.34	Peak
1992.00	27.75	5.07	17.20	50.02	54.00	3.98	Peak
2100.00	27.93	5.37	15.03	48.33	54.00	5.67	Peak
2194.00	28.05	5.62	12.62	46.29	54.00	7.71	Peak
2392.00	28.28	6.21	13.70	48.19	54.00	5.81	Peak
2688.00	29.07	6.62	12.72	48.41	54.00	5.59	Peak
3155.00	30.41	7.11	16.03	53.55	74.00	20.45	Peak
5375.00	33.81	9.42	-6.42	36.81	54.00	17.19	Average
5375.00	33.81	9.42	13.81	57.04	74.00	16.96	Peak