

附錄 一

受測裝置之測試結果

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1. 場強輻射之量測

【經實驗室評估量測後，以最差之調變方式 GFSK 進行本章節之測試】

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，並將下列測試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：

模式	動作狀態	基本頻率	量測頻率範圍
1	發射	2480MHz	30-1000MHz
2			1000-3000MHz
3			3000-5000MHz
4			5000-8000MHz
5			8000-18000MHz
6			18000-25000MHz
7	接收	2441MHz	30-1000MHz
8			1000-3000MHz
9			3000-5000MHz
10			5000-8000MHz
11			8000-18000MHz
12			18000-25000MHz

註：以上所有模式之掃頻圖是檢附於附錄中。

測試日期	2019/01/10	環境溫/濕度	23°C/50%
測試電壓	AC 110V/60Hz		

1.1. 30-1000MHz 頻率範圍，其他不必要發射量測

Mode	GFSK	Frequency	TX 2480MHz
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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
153.19	16.90	3.37	16.98	37.25	43.50	6.25	Peak
246.31	19.13	3.96	22.00	45.09	46.00	0.91	Peak
260.86	19.50	4.06	21.40	44.96	46.00	1.04	Peak
372.41	21.79	5.41	11.09	38.29	46.00	7.71	Peak
451.95	23.14	5.93	12.81	41.88	46.00	4.12	Peak
792.42	26.43	7.53	10.69	44.65	46.00	1.35	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
34.85	22.53	1.62	15.01	39.16	40.00	0.84	Peak
113.42	18.41	2.88	18.05	39.34	43.50	4.16	Peak
165.80	16.16	3.48	22.13	41.77	43.50	1.73	Peak
244.37	19.02	3.94	18.54	41.50	46.00	4.50	Peak
458.74	23.22	5.94	11.73	40.89	46.00	5.11	Peak
799.21	26.49	7.56	10.67	44.72	46.00	1.28	Peak

Mode	---	Frequency	RX 2441MHz
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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
156.10	16.71	3.39	17.59	37.69	43.50	5.81	Peak
243.40	18.97	3.94	22.22	45.13	46.00	0.87	Peak
260.86	19.50	4.06	21.04	44.60	46.00	1.40	Peak
296.75	19.81	4.34	16.42	40.57	46.00	5.43	Peak
452.92	23.14	5.93	12.56	41.63	46.00	4.37	Peak
793.39	26.43	7.53	10.63	44.59	46.00	1.41	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
41.64	18.90	1.74	18.55	39.19	40.00	0.81	Peak
112.45	18.36	2.87	17.52	38.75	43.50	4.75	Peak
165.80	16.16	3.48	22.80	42.44	43.50	1.06	Peak
243.40	18.97	3.94	20.57	43.48	46.00	2.52	Peak
452.92	23.14	5.93	10.95	40.02	46.00	5.98	Peak
798.24	26.49	7.56	10.50	44.55	46.00	1.45	Peak

1.2. 1000MHz 以上頻率範圍，其他不必要發射量測

Mode	GFSK	Frequency	TX 2480MHz
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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
1196.00	25.47	3.91	20.05	49.43	54.00	4.57	Peak
1492.00	25.30	5.00	16.76	47.06	54.00	6.94	Peak
1598.00	25.85	5.01	20.97	51.83	54.00	2.17	Peak
1742.00	26.60	5.03	18.57	50.20	54.00	3.80	Peak
1792.00	26.85	5.04	17.87	49.76	54.00	4.24	Peak
1996.00	27.77	5.07	17.39	50.23	54.00	3.77	Peak
2694.00	29.10	6.62	13.97	49.69	54.00	4.31	Peak
2816.00	29.51	6.69	12.21	48.41	54.00	5.59	Peak
3142.00	30.37	7.08	7.08	44.53	54.00	9.47	Average
3142.00	30.37	7.08	19.37	56.82	74.00	17.18	Peak
3142.00	30.37	7.08	19.37	56.82	74.00	17.18	Peak
4748.00	32.71	9.01	11.28	53.00	74.00	21.00	Peak
5396.00	33.83	9.45	6.93	50.21	54.00	3.79	Average
5396.00	33.83	9.45	18.20	61.48	74.00	12.52	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
1192.00	25.47	3.90	22.16	51.53	54.00	2.47	Peak
1516.00	25.40	5.00	15.42	45.82	54.00	8.18	Peak
1600.00	25.88	5.02	16.45	47.35	54.00	6.65	Peak
1702.00	26.40	5.03	17.99	49.42	54.00	4.58	Peak
1994.00	27.77	5.07	19.11	51.95	54.00	2.05	Peak
2092.00	27.92	5.33	13.95	47.20	54.00	6.80	Peak
2698.00	29.10	6.62	13.46	49.18	54.00	4.82	Peak
3154.00	30.39	7.10	5.79	43.28	54.00	10.72	Average
3154.00	30.39	7.10	16.85	54.34	74.00	19.66	Peak
4710.00	32.63	8.98	9.16	50.77	74.00	23.23	Peak
5399.00	33.83	9.45	7.67	50.95	54.00	3.05	Average
5399.00	33.83	9.45	17.74	61.02	74.00	12.98	Peak