

附錄一

受測裝置之測試結果

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1. 場強輻射之量測

本裝置有兩種電源供應模式分別為(1)電池(DC 3.7V)、(2)充電盒(DC 5V)，實驗室以單機(電池供電)選取最大場強值的擺設方式(側立)及搭配充電盒(USB, DC 5V)供電進行量測，並將下列測試模式之掃頻圖隨案件所附。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：

模式	動作狀態	基本頻率	量測頻率範圍
---	充電	---	30-1000MHz
BLE	Normal	---	30-1000MHz

測試日期	2020/01/02	環境溫/濕度	20°C/55%
測試電壓	(1)DC 3.7V (透過內建鋰電池供電), (2)DC 5V (透過充電座供電)		

1.1. 30-1000MHz 頻率範圍，其他不必要發射量測

Mode	充電	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
32.91	23.73	1.25	0.63	25.61	40.00	14.39	Peak
199.75	16.27	3.42	14.63	34.32	43.50	9.18	Peak
448.07	23.06	6.32	3.85	33.23	46.00	12.77	Peak
819.58	26.65	8.01	1.43	36.09	46.00	9.91	Peak
902.03	27.34	8.46	1.80	37.60	46.00	8.40	Peak
963.14	27.79	8.83	1.27	37.89	54.00	16.11	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
31.94	24.34	1.23	-0.19	25.38	40.00	14.62	Peak
198.78	16.21	3.41	12.13	31.75	43.50	11.75	Peak
454.86	23.14	6.38	4.28	33.80	46.00	12.20	Peak
666.32	25.22	7.21	3.10	35.53	46.00	10.47	Peak
940.83	27.64	8.70	2.01	38.35	46.00	7.65	Peak
998.06	28.04	9.03	1.07	38.14	54.00	15.86	Peak

Mode	Normal	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
30.00	25.72	1.19	0.86	27.77	40.00	12.23	Peak
93.05	16.05	2.20	5.50	23.75	43.50	19.75	Peak
532.46	24.07	6.79	0.90	31.76	46.00	14.24	Peak
744.89	25.93	7.61	3.40	36.94	46.00	9.06	Peak
931.13	27.56	8.64	2.75	38.95	46.00	7.05	Peak
989.33	27.99	8.98	1.09	38.06	54.00	15.94	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
30.97	25.03	1.21	0.92	27.16	40.00	12.84	Peak
101.78	17.50	2.31	4.12	23.93	43.50	19.57	Peak
354.95	21.28	5.27	7.20	33.75	46.00	12.25	Peak
827.34	26.72	8.06	1.83	36.61	46.00	9.39	Peak
885.54	27.19	8.37	1.95	37.51	46.00	8.49	Peak
974.78	27.89	8.90	1.71	38.50	54.00	15.50	Peak

2. 峰值輸出功率之量測

測試日期	2019/12/31	環境溫/濕度	20°C/64%
電纜損失	0.80dB	測試電壓	DC 3.7V (透過內建鋰電池供電)

2.1. 峰值輸出功率

模式 (Mode)	測試頻率 (MHz)	最大輸出功率(dBm)	限制值 (dBm)
BLE (1M) (左耳機 L)	2402	1.92	30
	2440	2.20	
	2480	2.29	
BLE (2M) (左耳機 L)	2402	1.93	
	2440	2.22	
	2480	2.31	

模式 (Mode)	測試頻率 (MHz)	最大輸出功率(dBm)	限制值 (dBm)
BLE (1M) (右耳機 R)	2402	1.92	30
	2440	2.18	
	2480	1.85	
BLE (2M) (右耳機 R)	2402	1.94	
	2440	2.20	
	2480	1.86	

2.2. 峰值輸出功率之量測圖



