

茂訊電腦股份有限公司

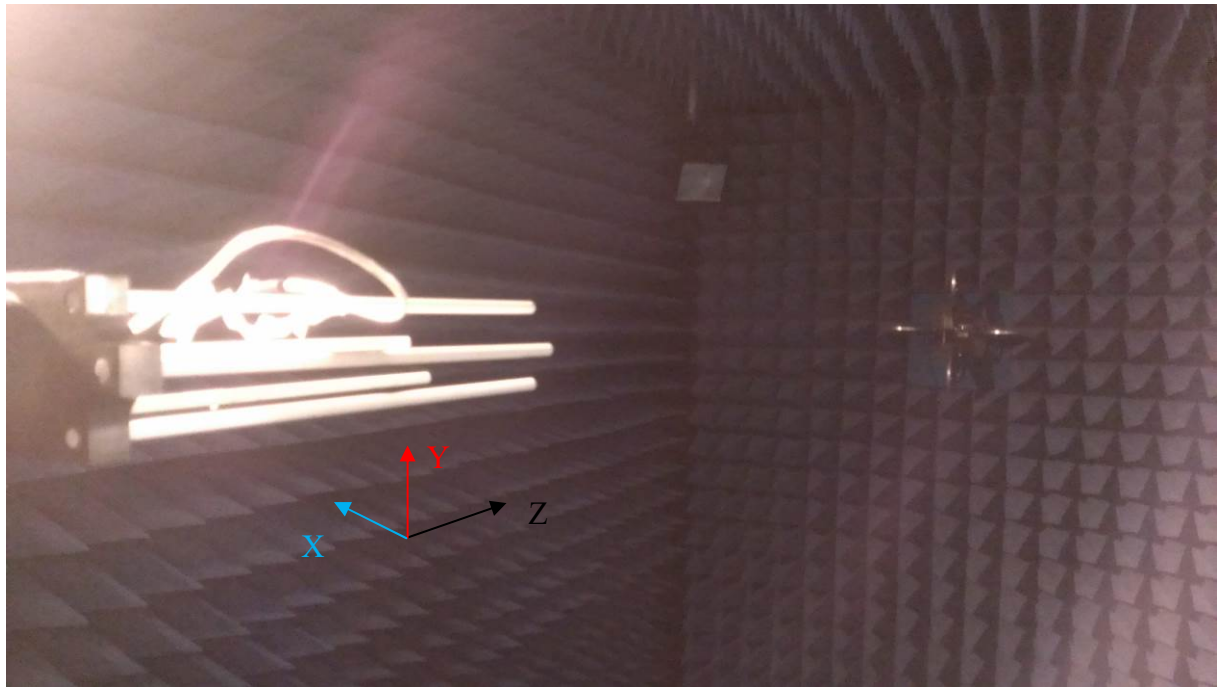
測試報告 TEST REPORT

第 1/1 頁

機型：DR13

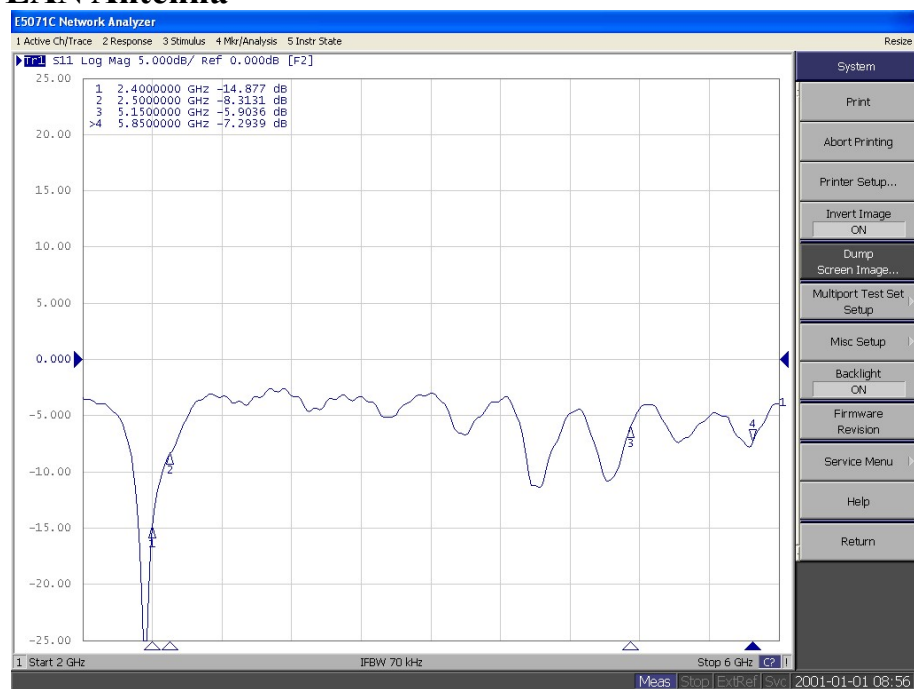
名稱：WLAN Antenna Test Report

1.3D-Chamber Measurement Test

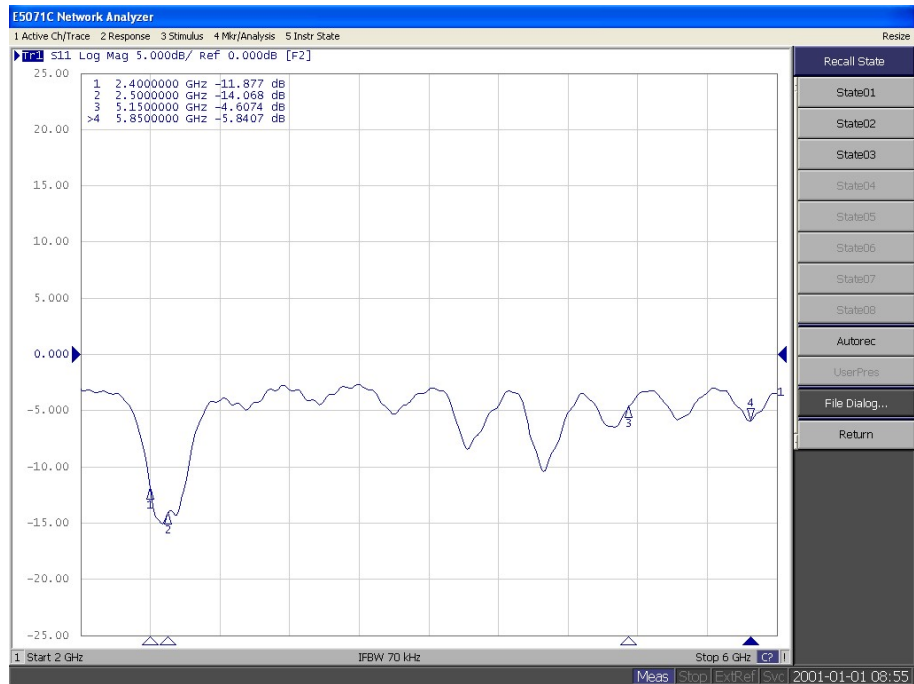


2. Antenna Return Loss

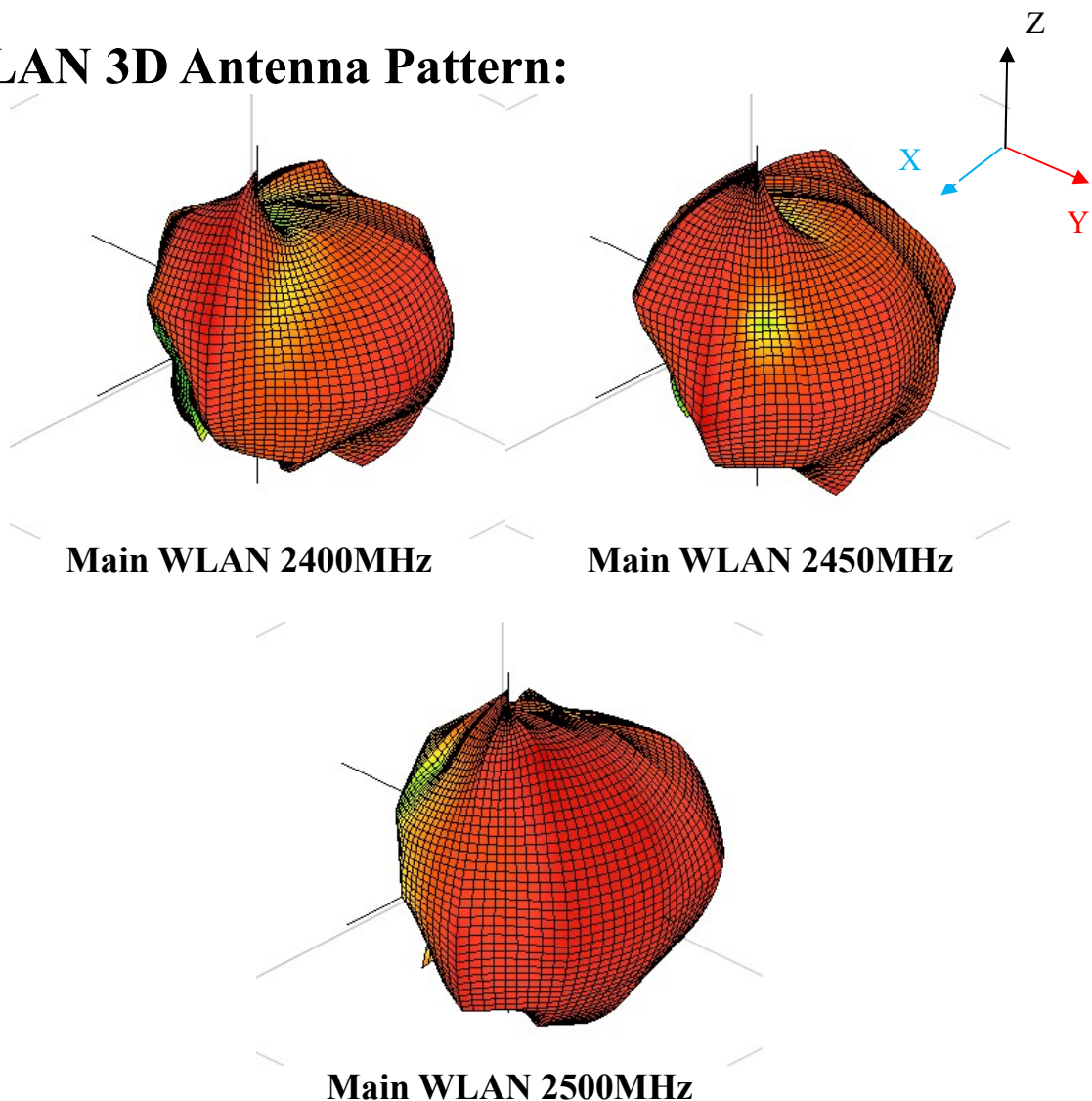
2.1 Main WLAN Antenna

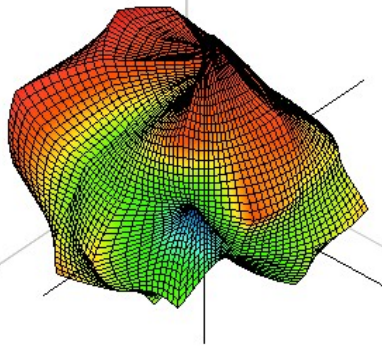


2.1 Aux WLAN Antenna

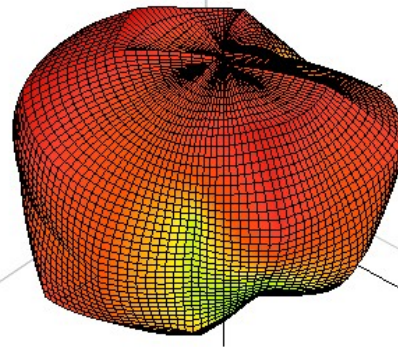


3. WLAN 3D Antenna Pattern:

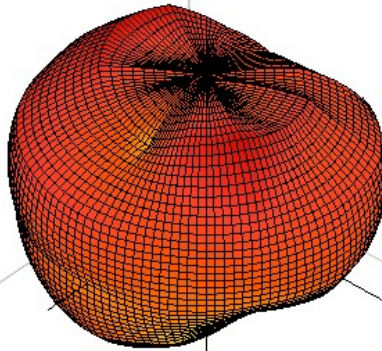




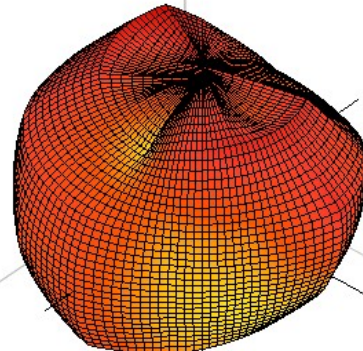
Main WLAN 5150MHz



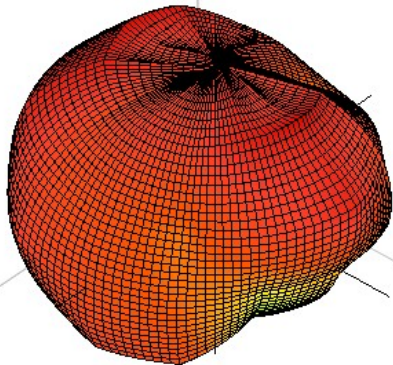
Main WLAN 5250MHz



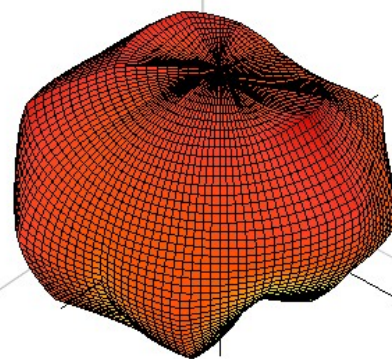
Main WLAN 5350MHz



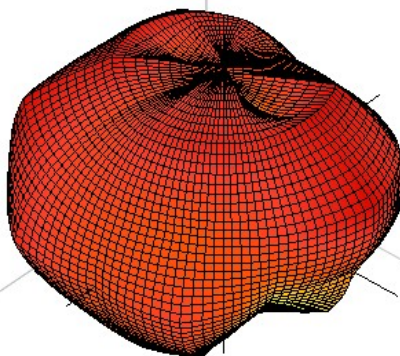
Main WLAN 5470MHz



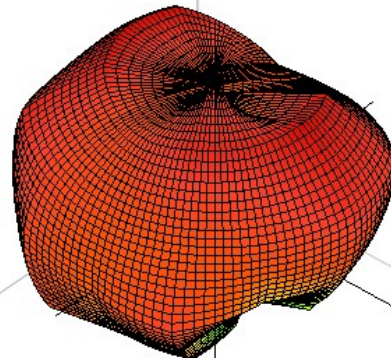
Main WLAN 5600MHz



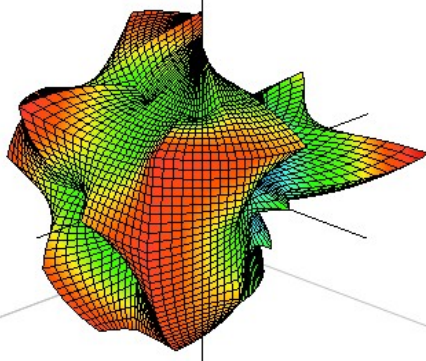
Main WLAN 5725MHz



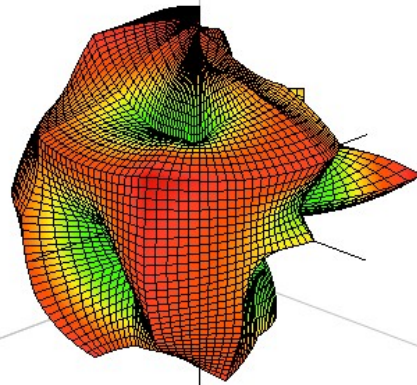
Main WLAN 5785MHz



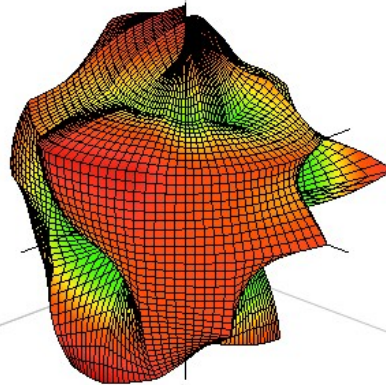
Main WLAN 5850MHz



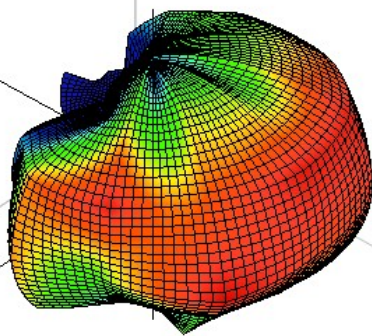
Aux WLAN 2400MHz



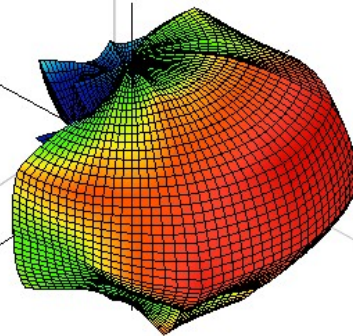
Aux WLAN 2450MHz



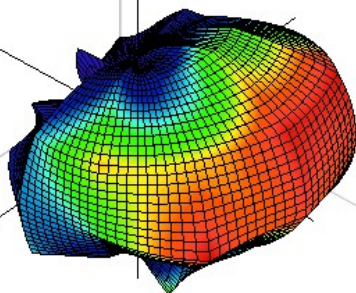
Aux WLAN 2500MHz



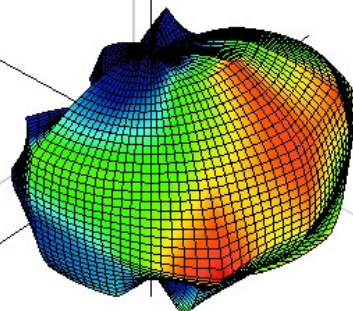
Aux WLAN 5150MHz



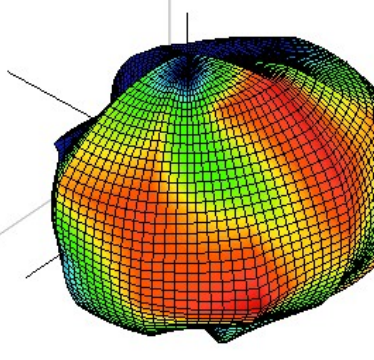
Aux WLAN 5250MHz



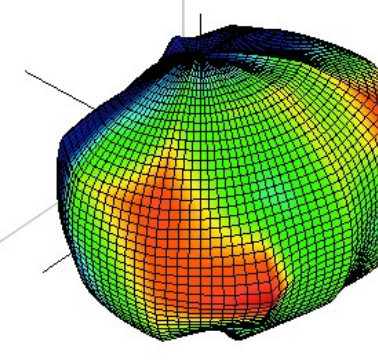
Aux WLAN 5350MHz



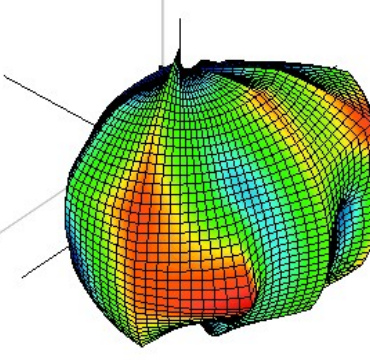
Aux WLAN 5470MHz



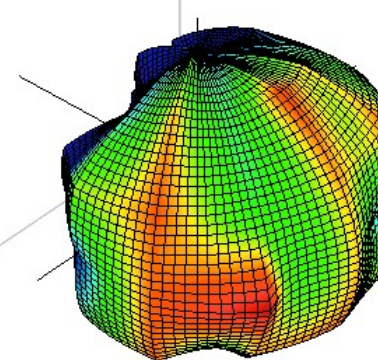
Aux WLAN 5600MHz



Aux WLAN 5725MHz



Aux WLAN 5785MHz



Aux WLAN 5850MHz

3.WLAN Antenna Efficiency:

Main WLAN Efficiency

Frequency(MHz)	Average Gain	Efficiency(%)	Peak Gain
2400	-5.24	29.92	-0.4
2450	-5.54	27.93	-1.2
2500	-3.74	42.27	0.55
5150	-3.89	40.83	1.68
5250	-3.45	45.19	1.16
5350	-2.70	53.70	1.98
5470	-5.49	28.25	-0.39
5600	-6.05	24.83	-1.49
5725	-4.67	34.12	0.3
5785	-5.00	31.62	-0.72
5850	-3.40	45.71	1.27

Aux WLAN Efficiency

Frequency(MHz)	Average Gain	Efficiency(%)	Peak Gain
2400	-6.31	23.39	-2.44
2450	-6.69	21.43	-2.81
2500	-4.25	37.58	-0.37
5150	-10.56	8.79	-5.95
5250	-10.89	8.15	-6.17
5350	-9.79	10.5	-4.66
5470	-11.00	7.94	-5.58
5600	-11.06	7.83	-6.14
5725	-8.63	13.71	-3.03
5785	-9.02	12.53	-3.79
5850	-6.18	24.1	-1.01

審核：

承辦：

QR-83-04