

茂訊電腦股份有限公司
測試報告 TEST REPORT

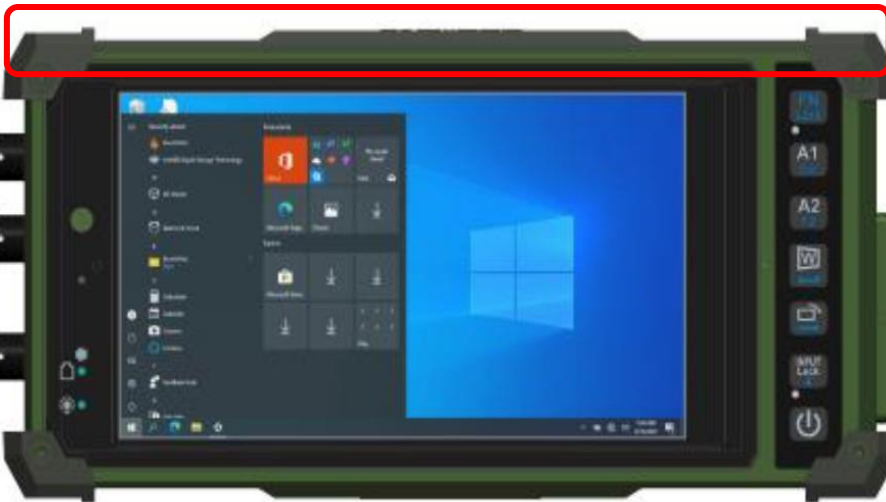
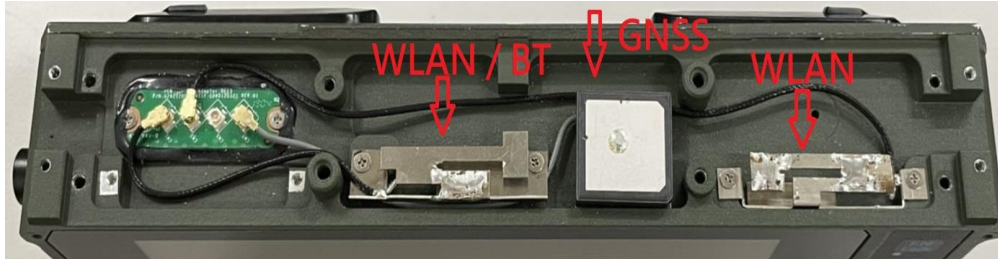
機型：DH8

名稱：Antenna Test Report

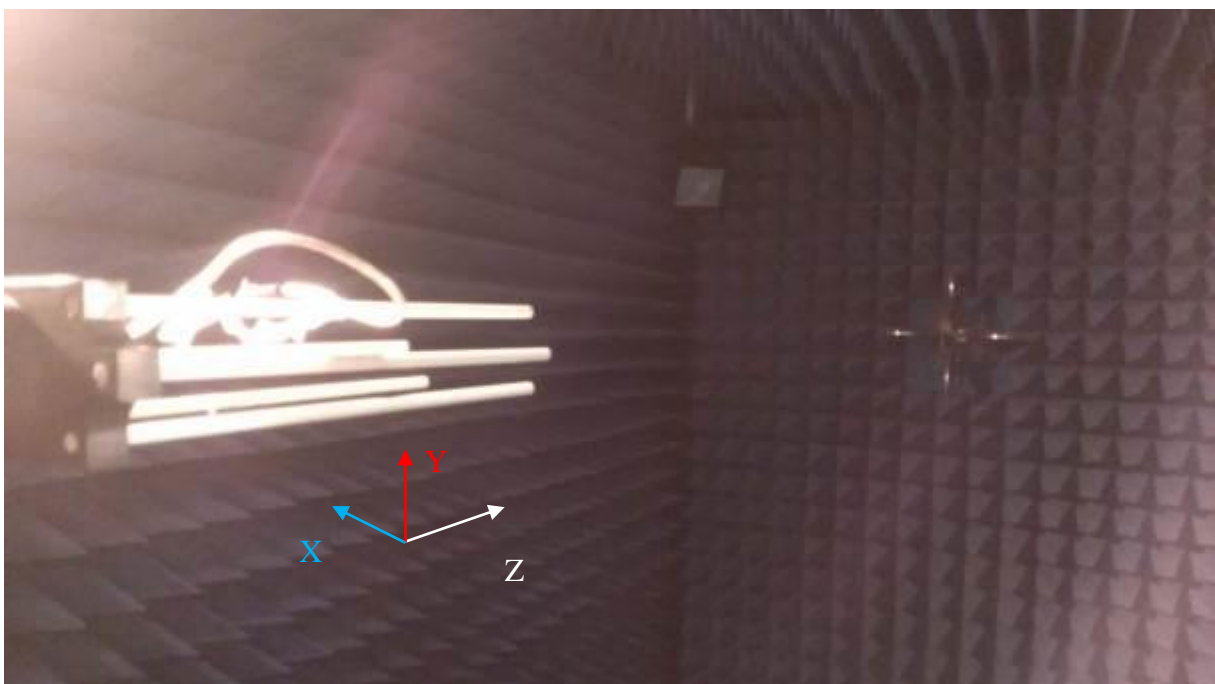
1. DH8 Antenna location

料號:G983190000 / WLAN&BT ANT 70mm,DH8

料號:G983190001 / WLAN ANT 165mm,DH8

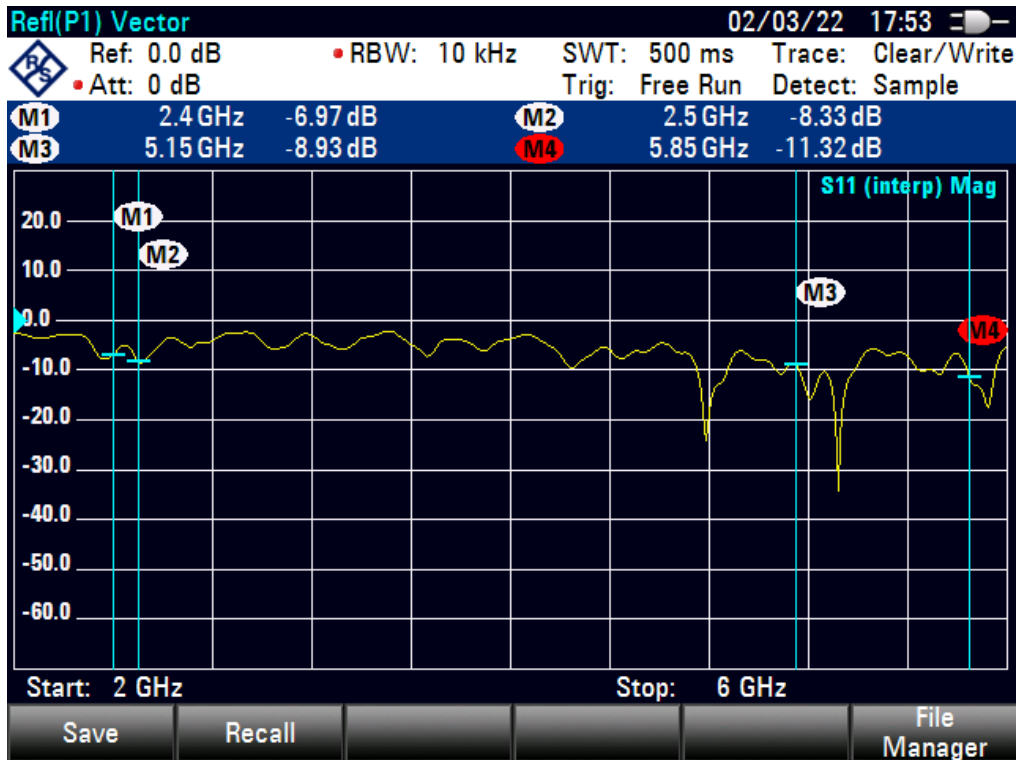


2. 3D-Chamber Measurement Test



3. Antenna Return Loss

3.1 WIFI Antenna

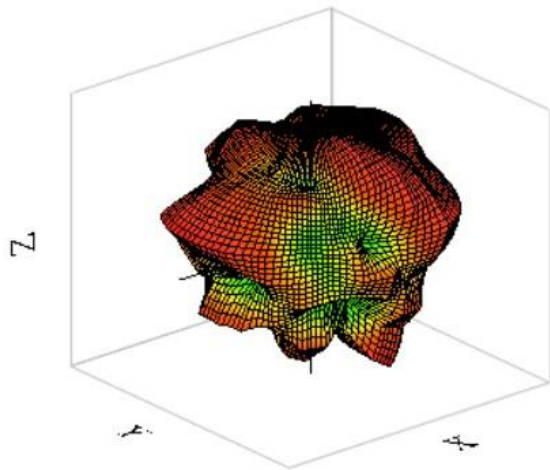


3.2 WIFI&BT Antenna

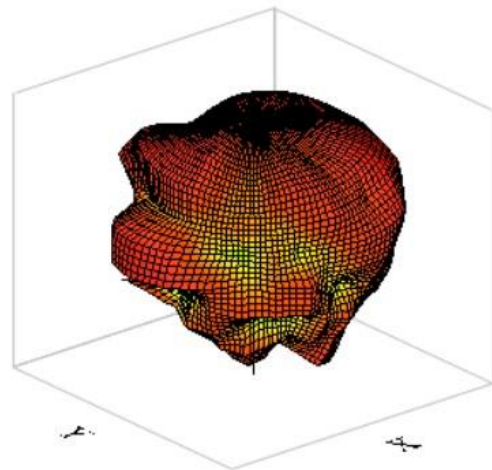


4. 3D Antenna Pattern:

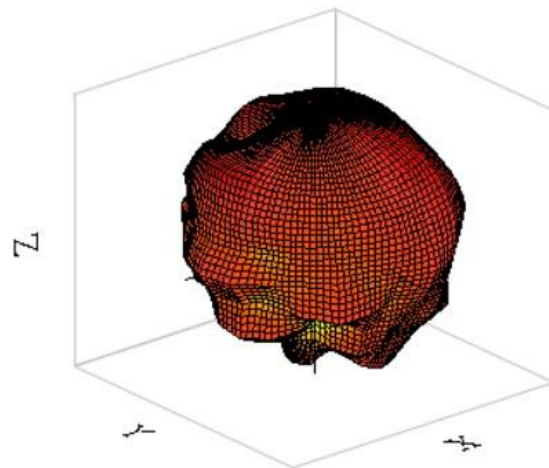
4-1WIFI



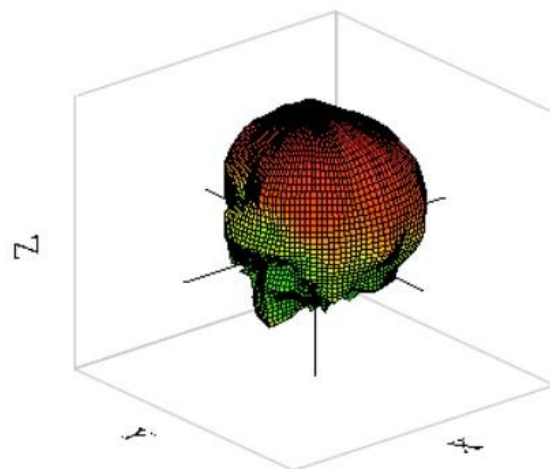
WIFI 2400MHz



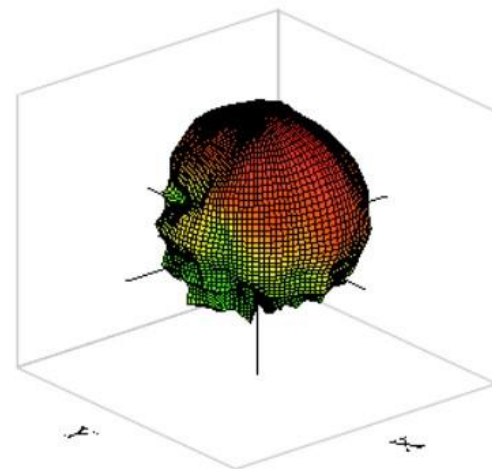
WIFI 2450MHz



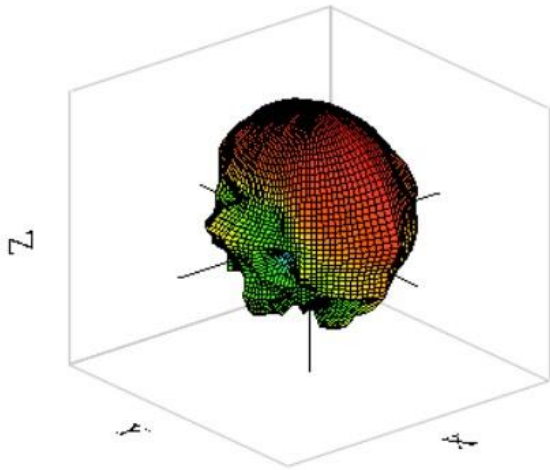
WIFI 2500MHz



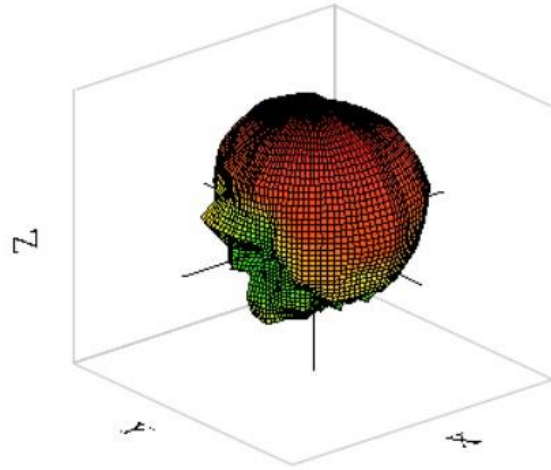
WIFI 5150MHz



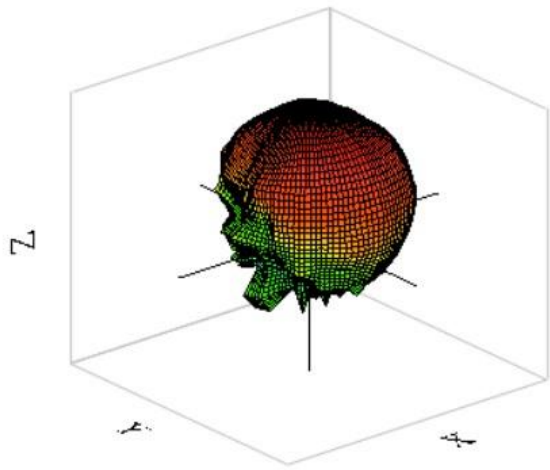
WIFI 5250MHz



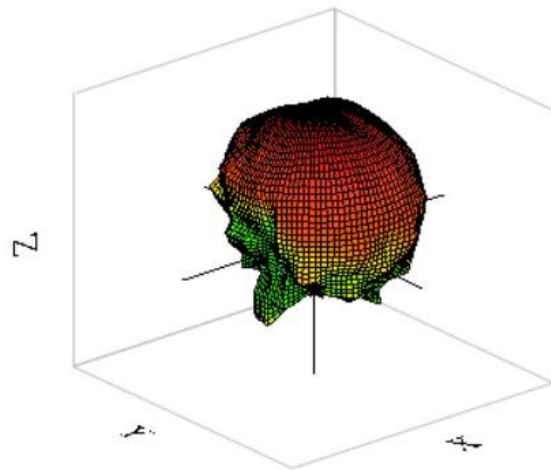
WIFI 5350MHz



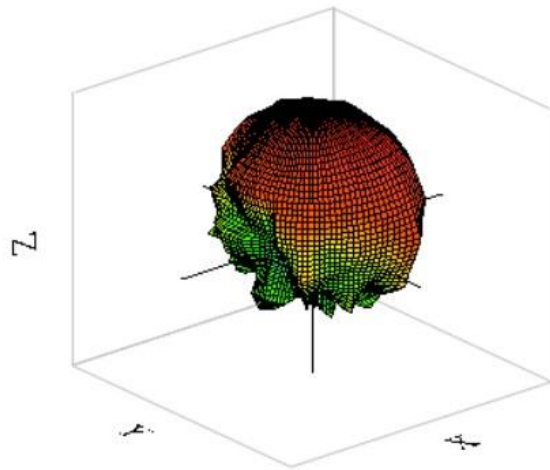
WIFI 5470MHz



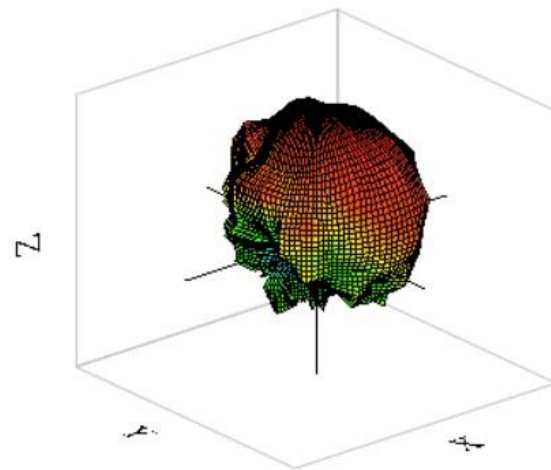
WIFI 5600MHz



WIFI 5725MHz

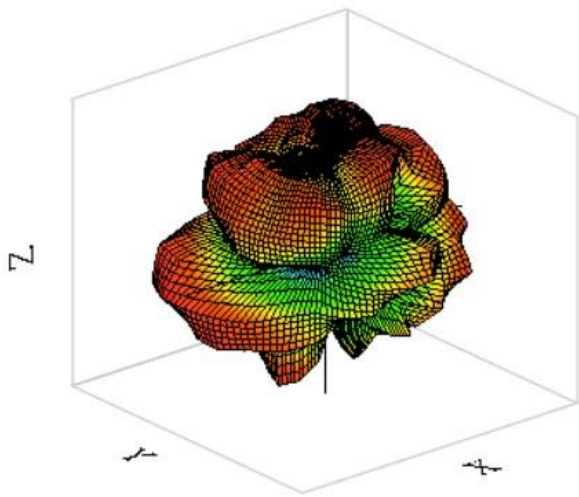


WIFI 5785MHz

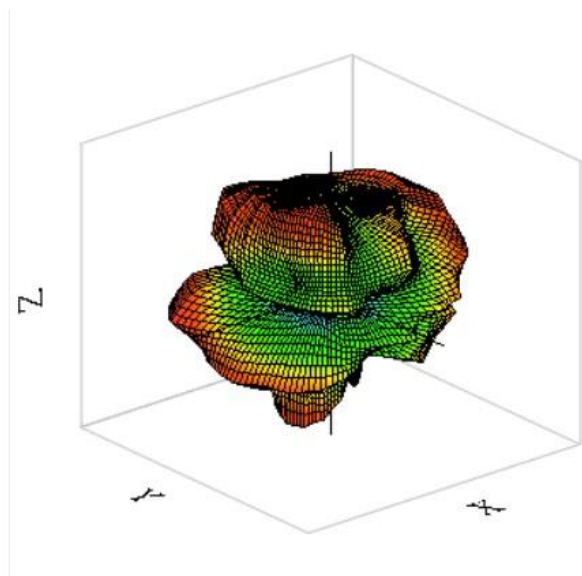


WIFI 5850MHz

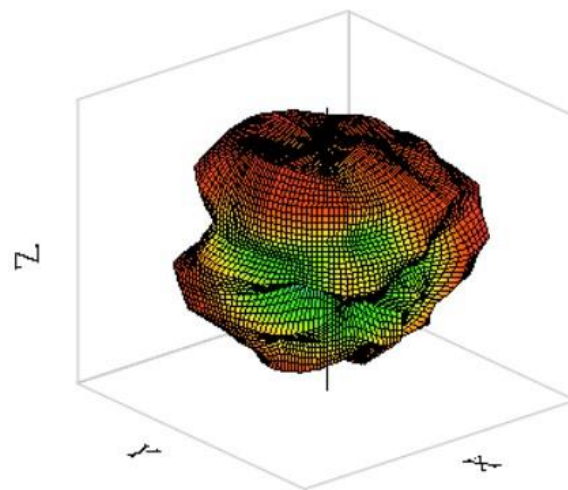
4-2 WIFI&BT



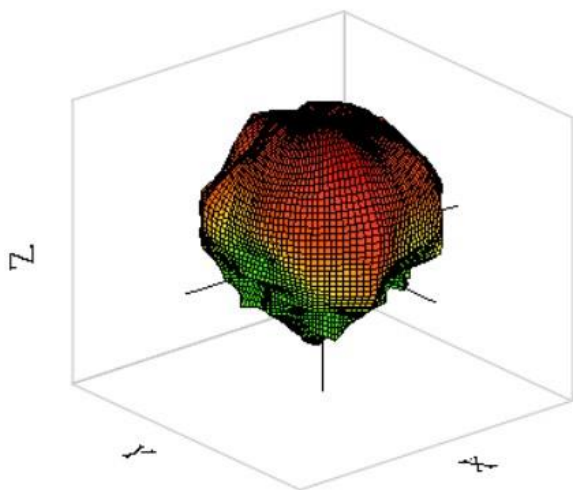
WIFI&BT 2400MHz



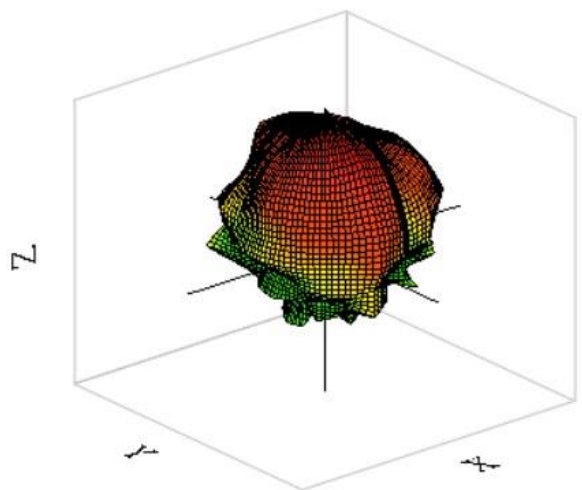
WIFI&BT 2450MHz



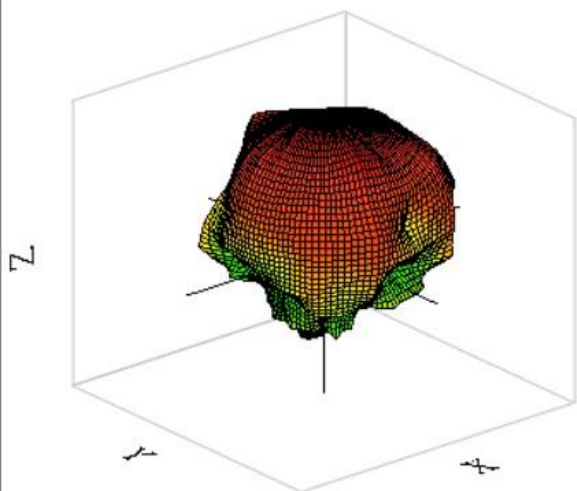
WIFI&BT 2500MHz



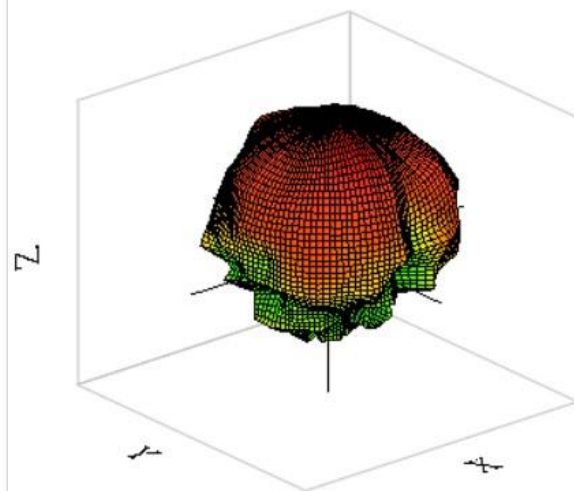
WIFI&BT 5150MHz



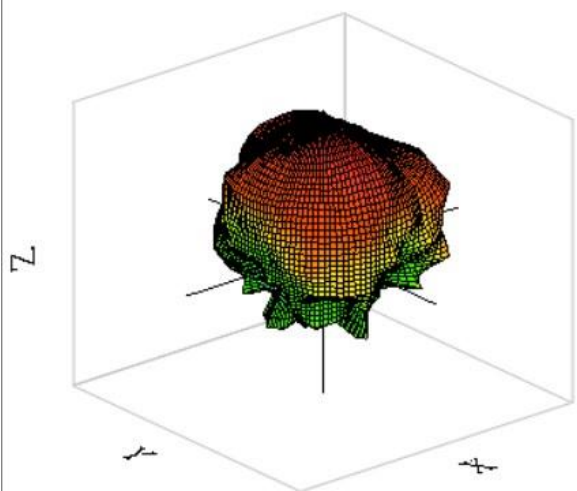
WIFI&BT 5250MHz



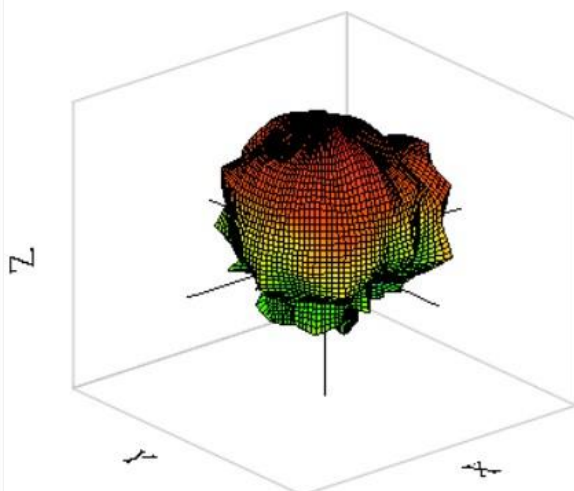
WIFI&BT 5350MHz



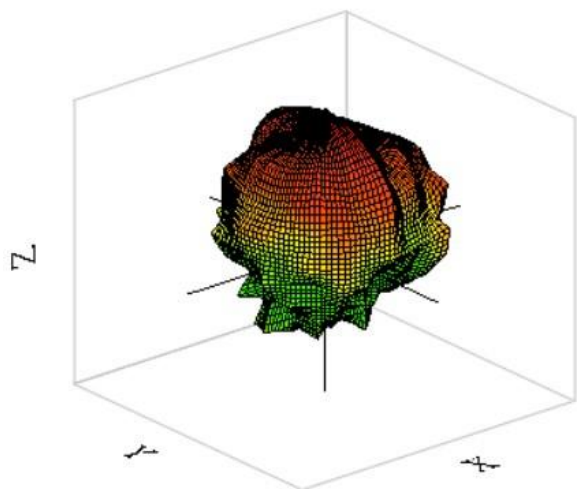
WIFI&BT 5470MHz



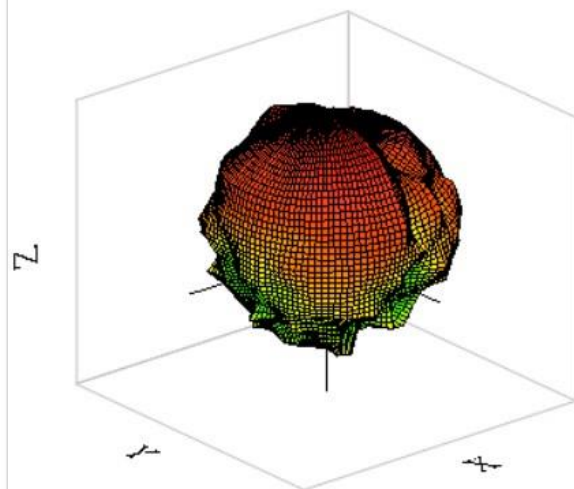
WIFI&BT 5600MHz



WIFI&BT 5725MHz



WIFI&BT 5785MHz



WIFI&BT 5850MHz

5. Antenna Efficiency:

5.1 WIFI Antenna Efficiency

Frequency(MHz)	Efficiency(%)	Peak Gain
2400	24.72	-1.87
2450	28.18	-2.13
2500	28.44	-2.05
5150	20.42	-2.02
5250	28.97	2.82
5350	31.26	3.62
5470	30.34	3.8
5600	35.4	3.23
5725	28.71	2.5
5785	32.81	2.42
5850	34.83	3.57

5.2 WIFI&BT Antenna Efficiency

Frequency(MHz)	Efficiency(%)	Peak Gain
2400	27.99	-1.46
2450	58.34	2.33
2500	39.72	0.19
5150	26.73	-2.13
5250	34.04	2.05
5350	41.3	3.56
5470	35.4	1.55
5600	25.82	0.68
5725	22.49	0.97
5785	25.18	1.48
5850	23.39	2.08

審核：

承辦：