

MilDef Crete Inc./茂訊電腦
股份有限公司測試報告
TEST REPORT

第 1/1 頁

機型：DP10A

名稱：Antenna Test Report

1. Antenna location

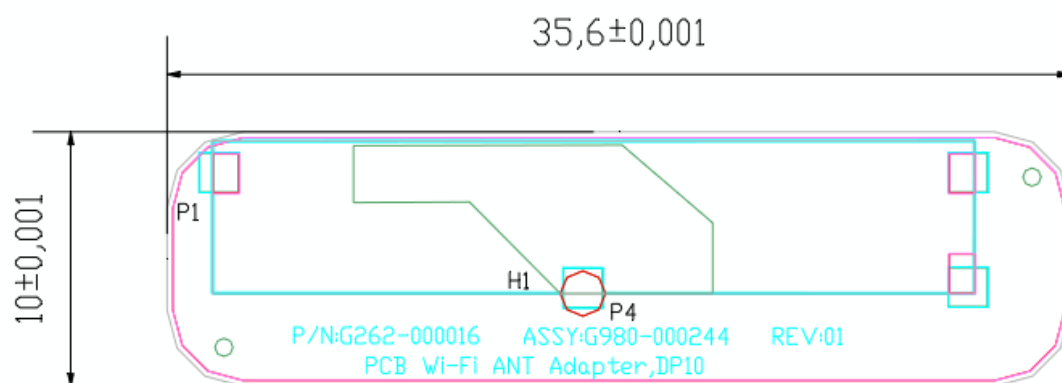
GNSS Antenna

WLAN/ BT Antenna

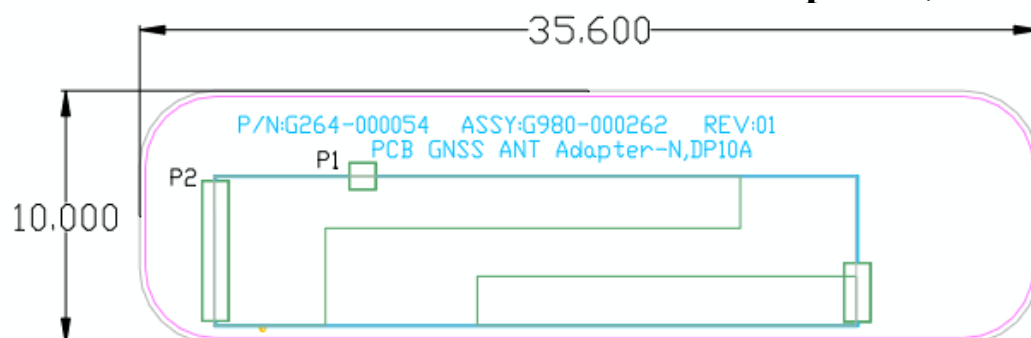


2. Antenna Dimensions

2-1 PN: G980-000244 / PCBA Wi-Fi ANT Adapter,DP10A



2-2 PN: G980-000262 / PCBA GNSS ANT Adapter-N,DP10A

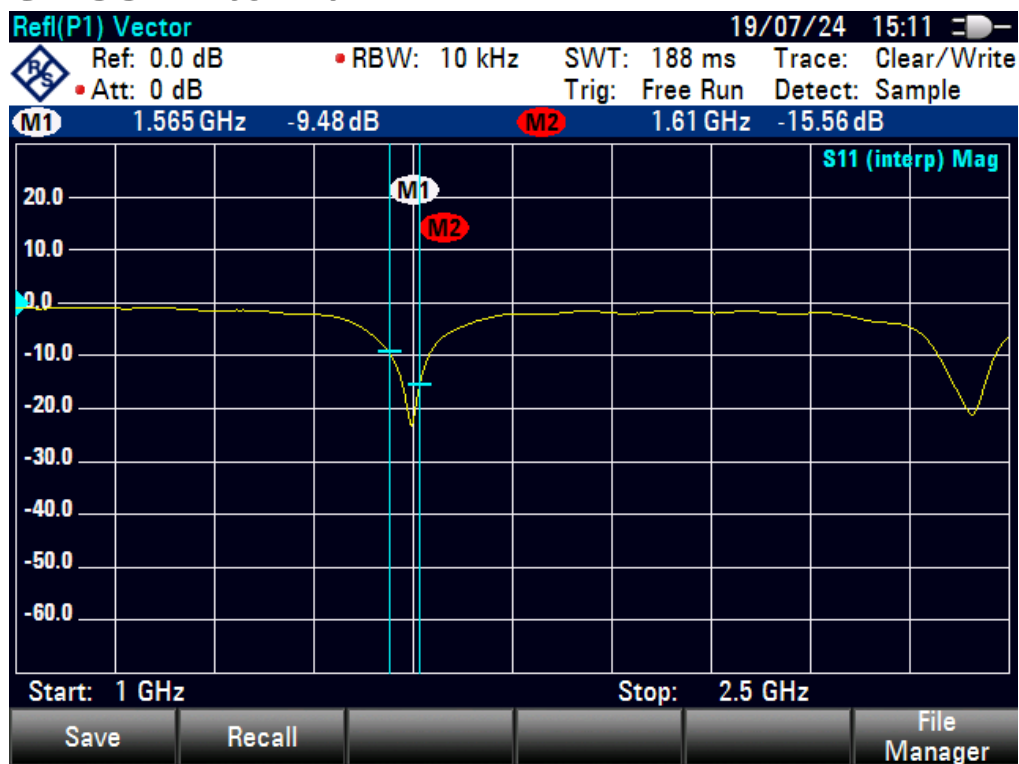


3. Antenna Return Loss

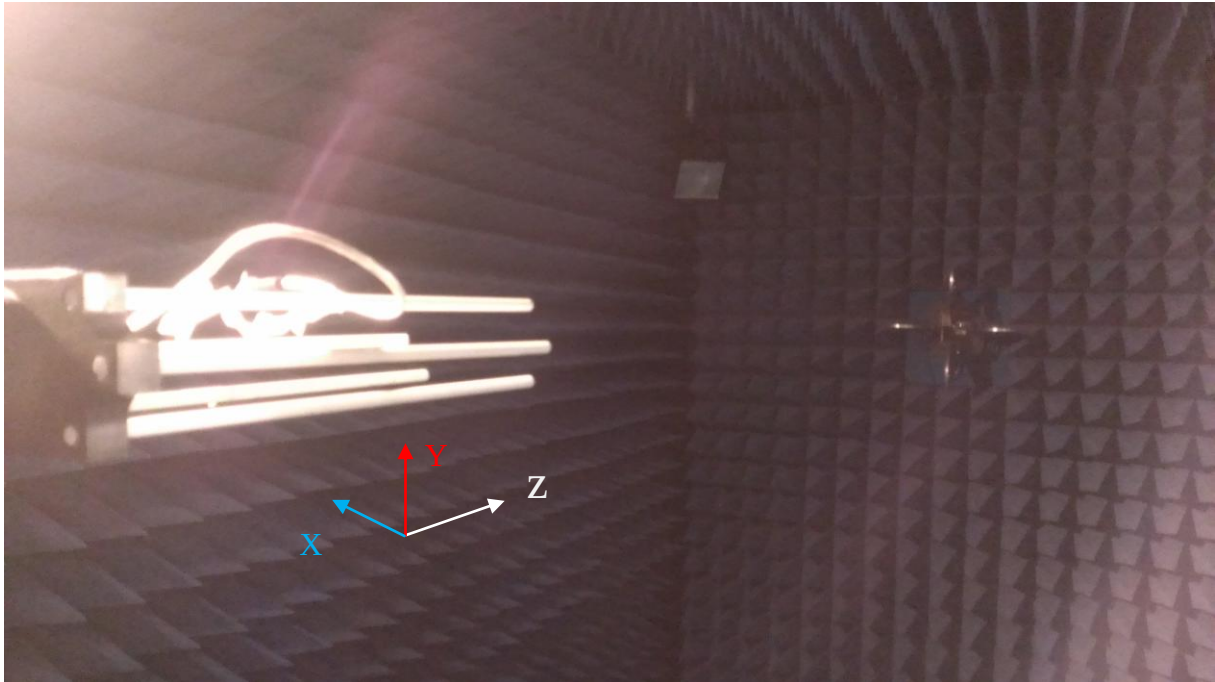
3-1 Wi-Fi Antenna



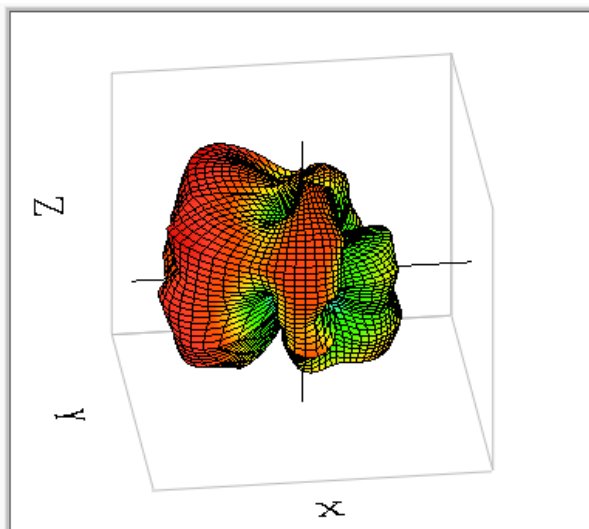
3-2 GNSS Antenna



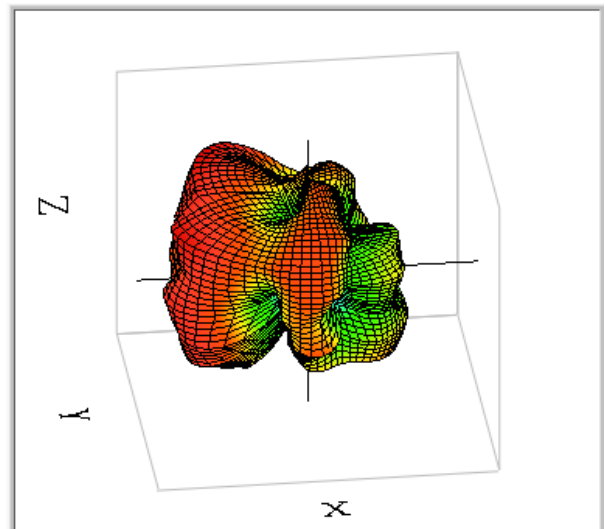
4. 3D-Chamber Measurement Test



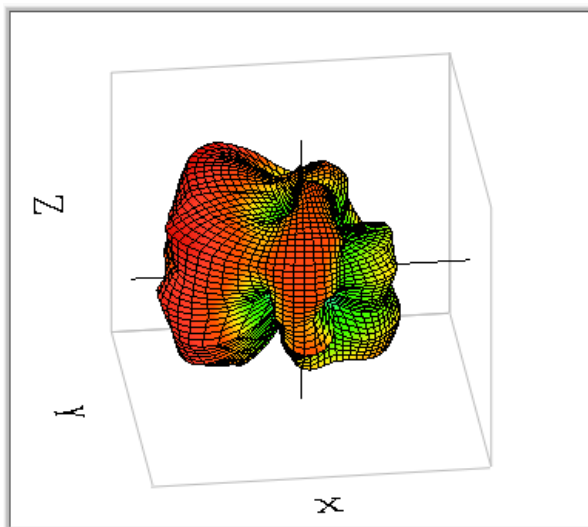
4-1 GSNN 3D Antenna Pattern



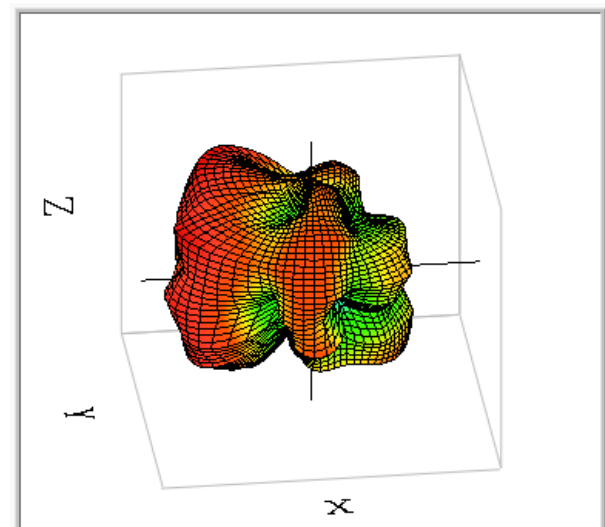
GNSS 1561MHz



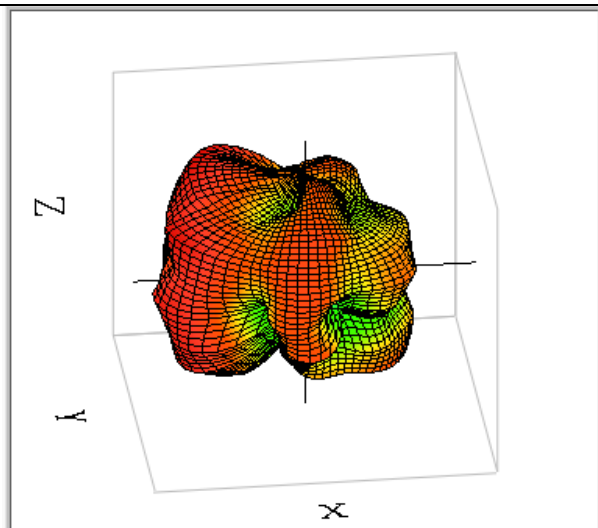
GNSS 1564MHz



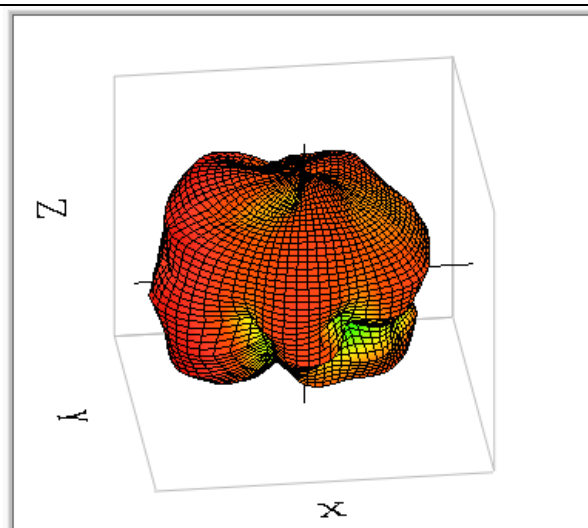
GNSS 1565MHz



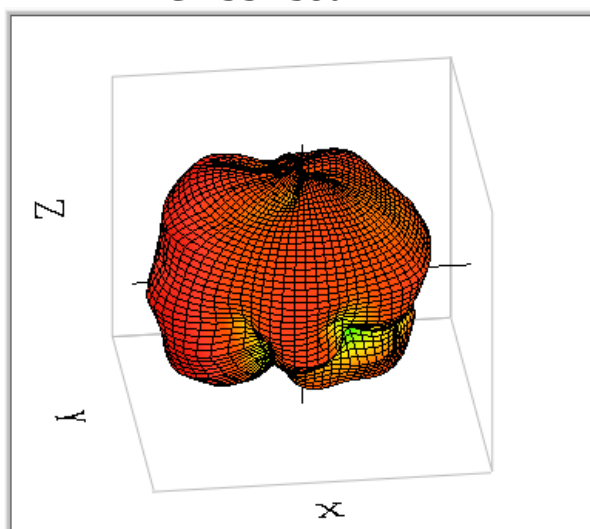
GNSS 1575.42MHz



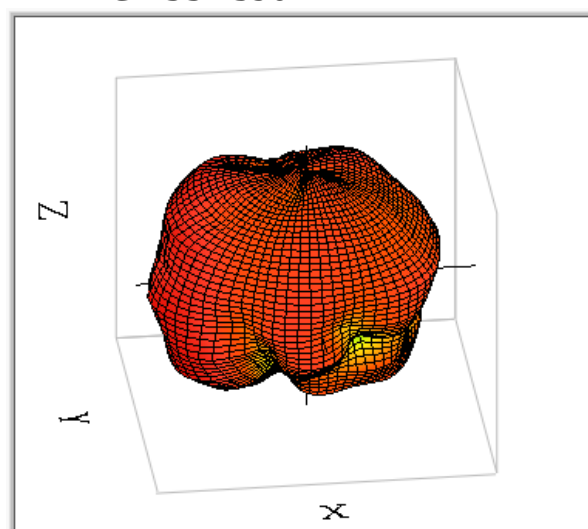
GNSS 1580MHz



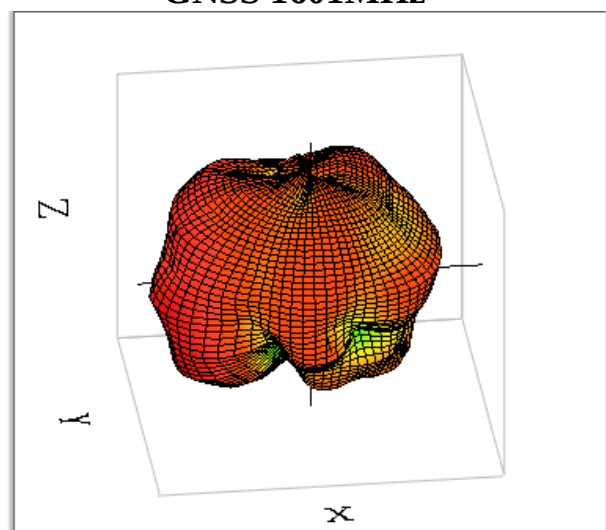
GNSS 1596MHz



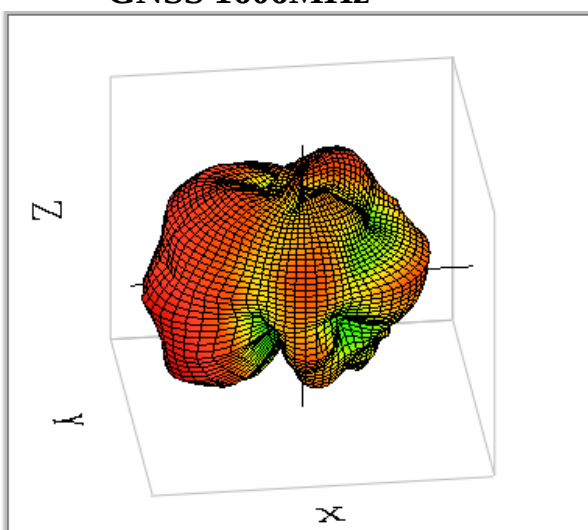
GNSS 1601MHz



GNSS 1606MHz

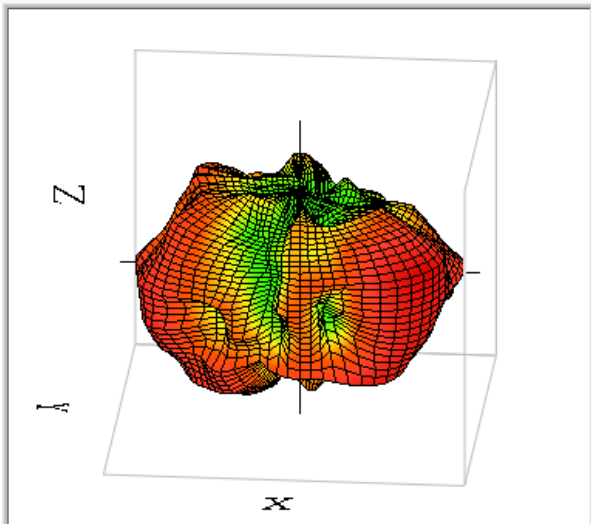


GNSS 1615MHz

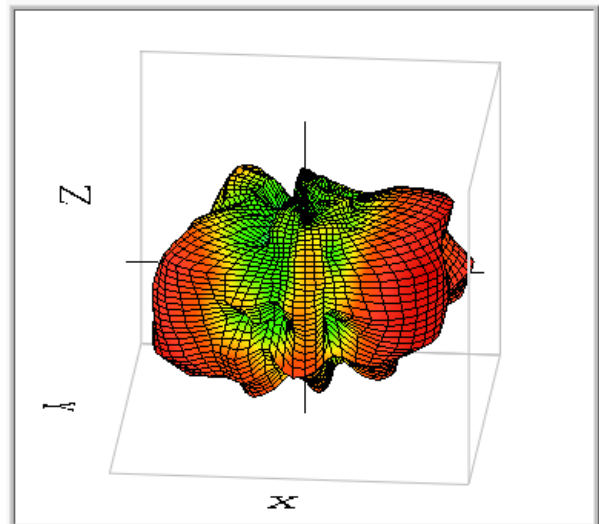


GNSS 1620MHz

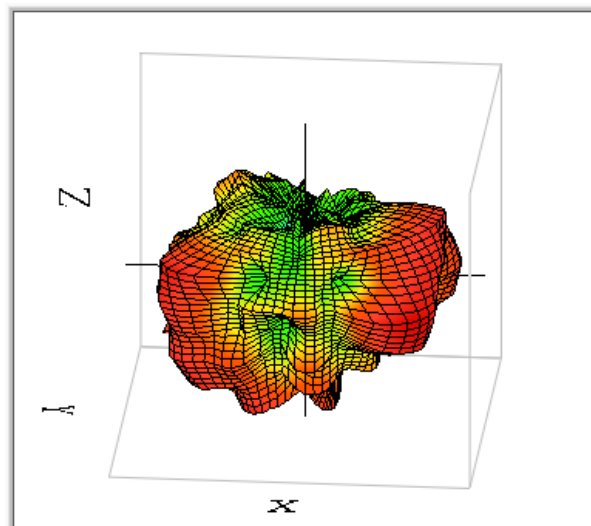
4-2 WLAN 3D Antenna Pattern



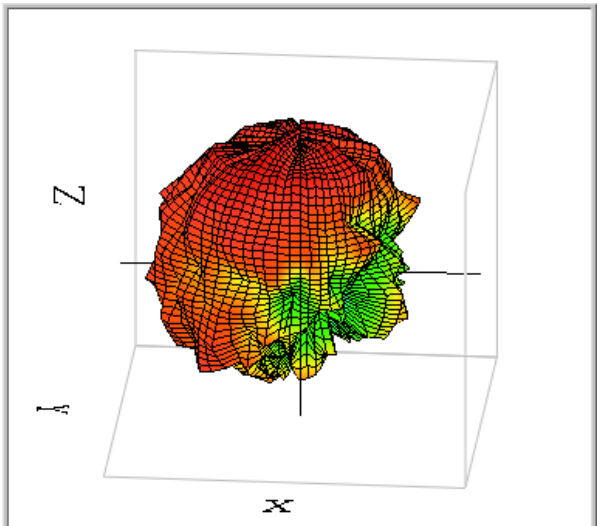
WLAN 2400MHz



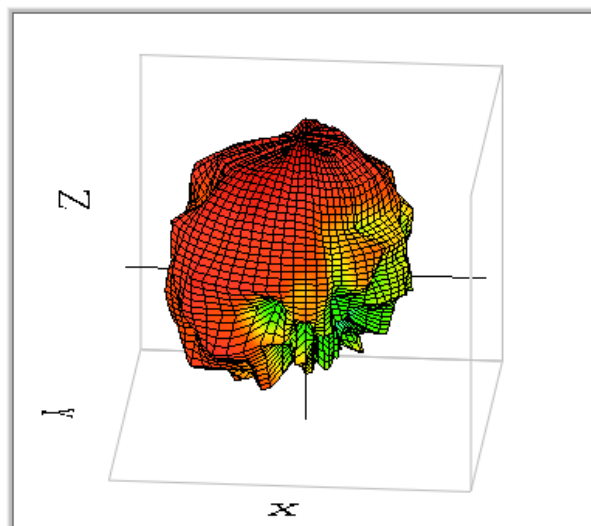
WLAN 2450MHz



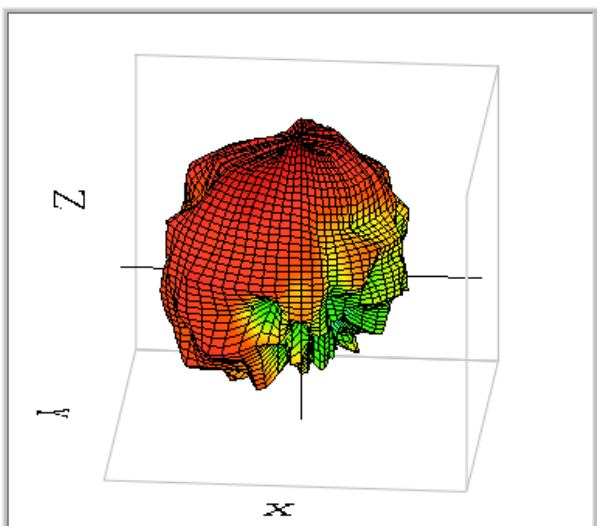
WLAN 2500MHz



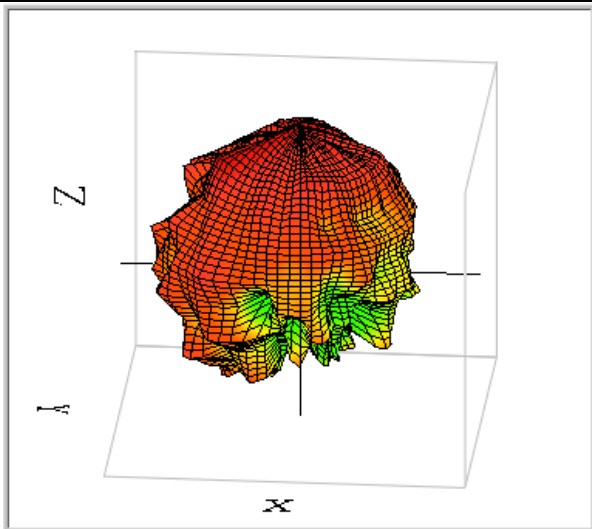
WLAN 5150MHz



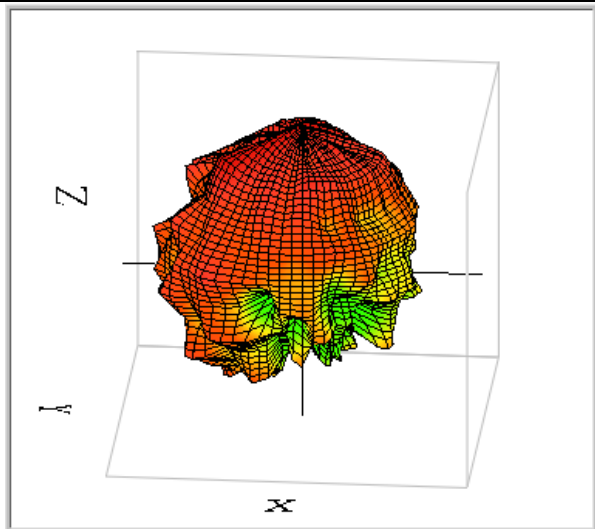
WLAN 5250MHz



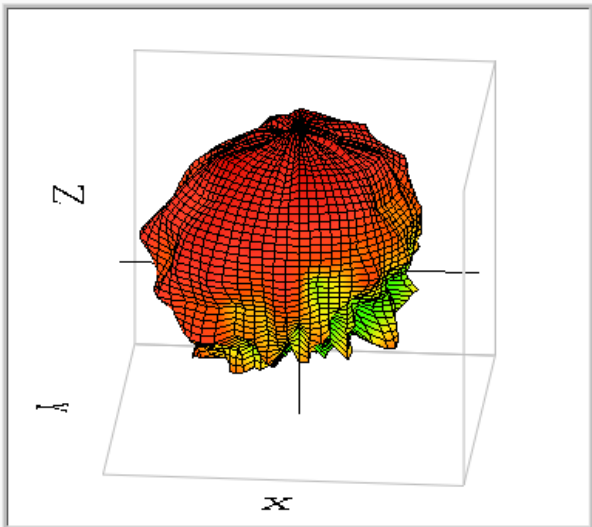
WLAN 5350MHz



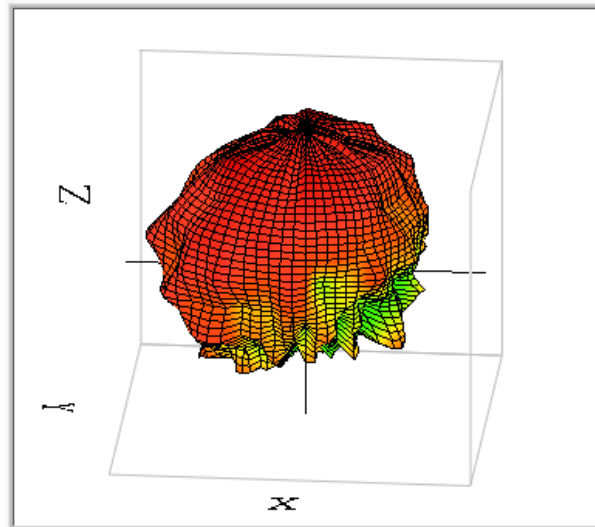
WLAN 5470MHz



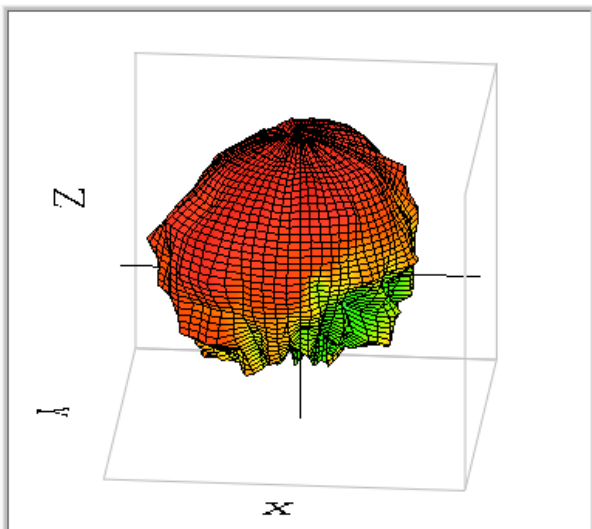
WLAN 5500MHz



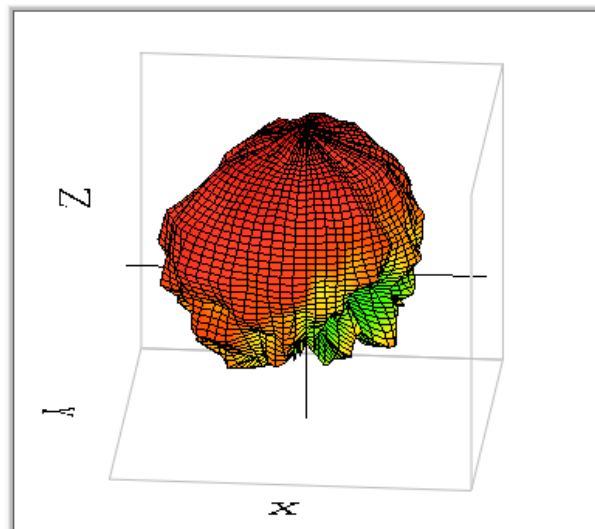
WLAN 5600MHz



WLAN 5725MHz



WLAN 5750MHz



WLAN 5850MHz

5. Antenna Efficiency:

Category	Frequency	Efficiency H+V (%)	Gain H+V (dBi)
Wi-Fi / BT	2.4GHz	18.32	-1.04
	2.425GHz	19.63	-1.14
	2.45GHz	20.37	-0.96
	2.475GHz	17.99	-1.54
	2.5GHz	15.1	-2.51
	5.15GHz	33.88	0.66
	5.25GHz	40.09	1.57
	5.35GHz	42.36	2.56
	5.47GHz	40.55	2.89
	5.5GHz	43.85	3.1
	5.6GHz	48.87	3.03
	5.725GHz	52.12	2.92
	5.785GHz	51.17	3.44
	5.785GHz	51.17	3.44
	5.85GHz	45.6	2.77
GNSS	1.561GHz	16.22	0.7
	1.564GHz	16.52	0.78
	1.565GHz	16.52	0.77
	1.57GHz	15.85	0.57
	1.57542GHz	15.52	0.4
	1.58GHz	15.6	0.3
	1.586GHz	16	0.23
	1.596GHz	15.24	-0.24
	1.601GHz	15.38	-0.28
	1.606GHz	13.3	-1.05
	1.61GHz	12.19	-1.51
	1.615GHz	11.35	-1.78
	1.62GHz	11.38	-1.8

審核：

承辦：