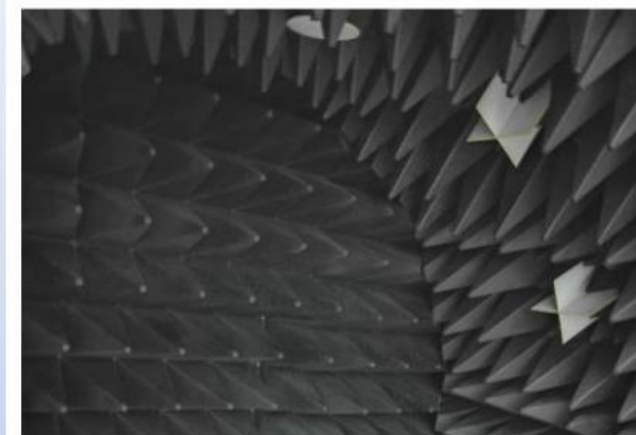


V2X Antenna report

MODE NAME : V2X

2022. 12. 07

No. 12A11, Floor 12A, Baoyunda Logistics Information Building, the intersection
of Xixiang Avenue and Qianjin Road, Bao'an District, Shenzhen

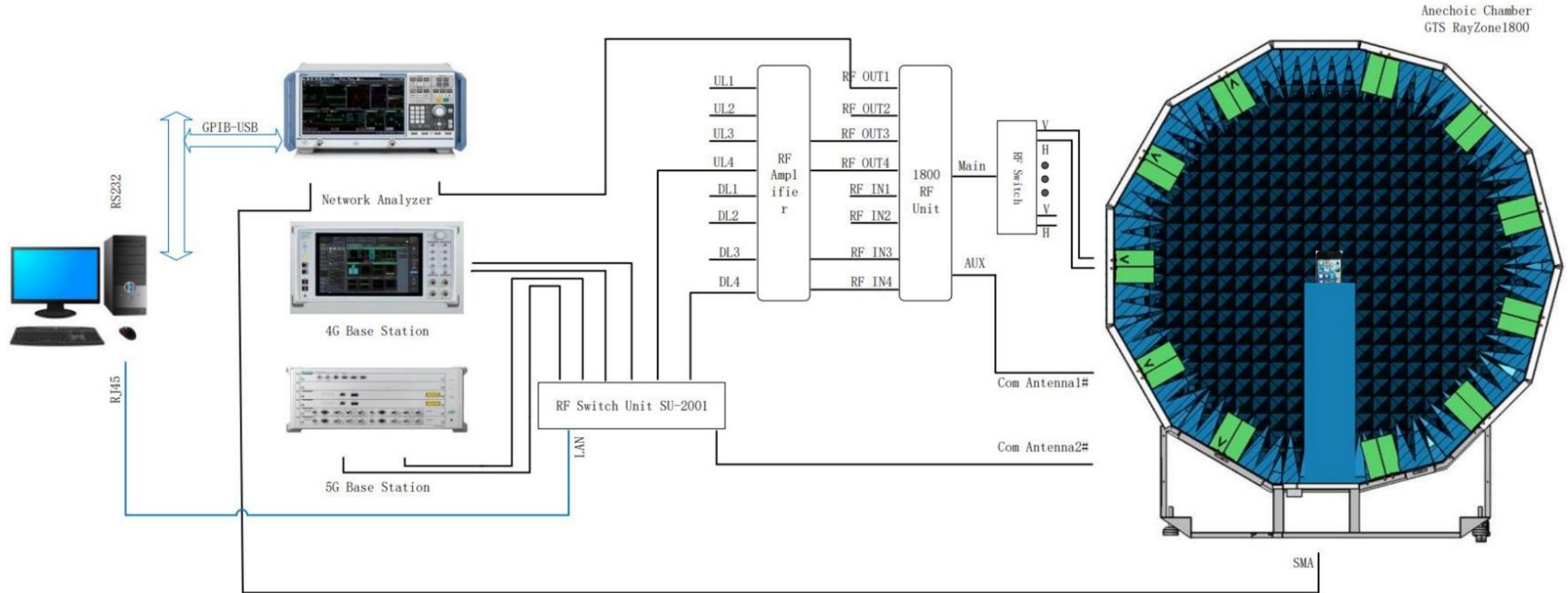


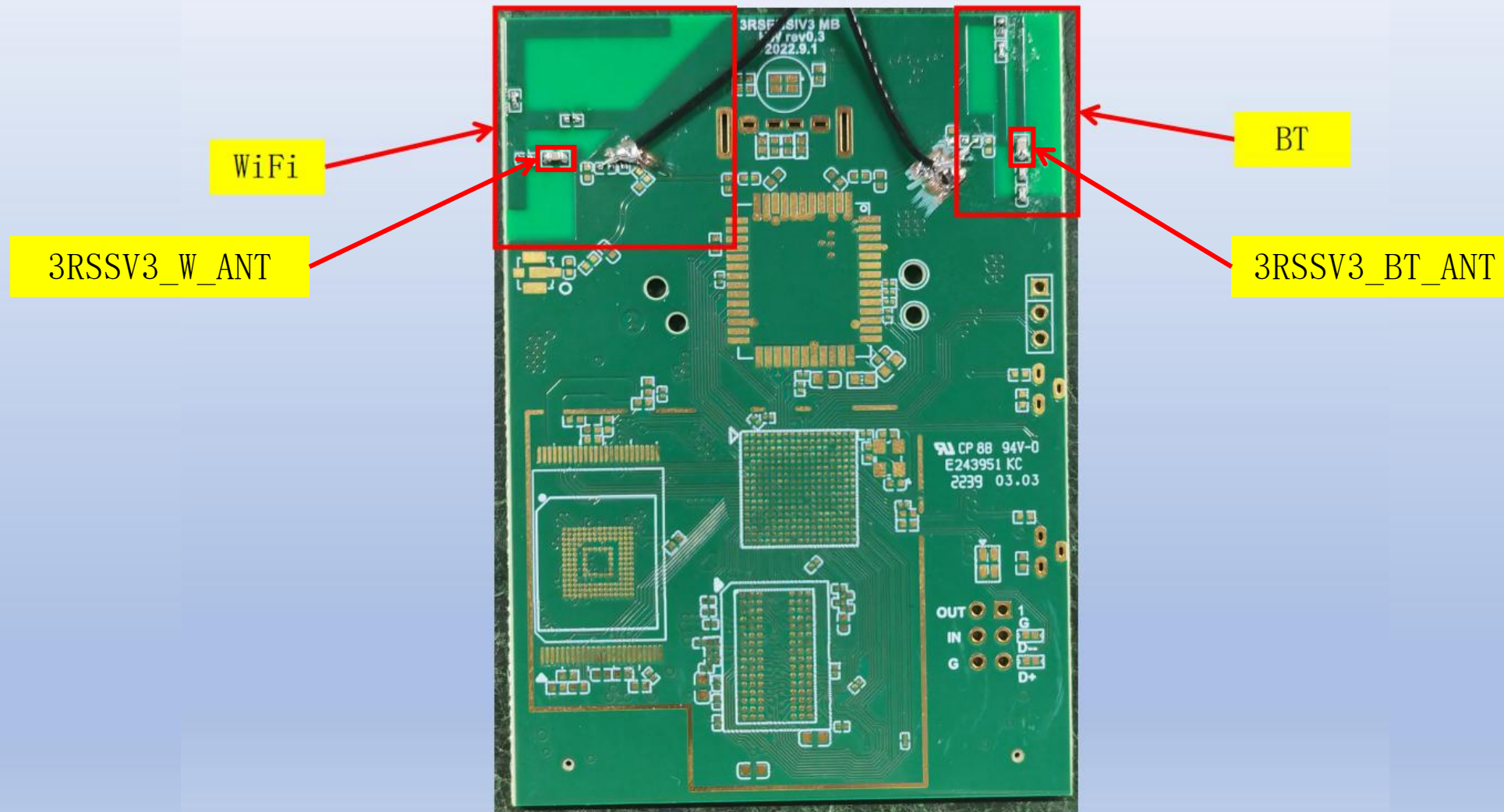
- 无线通信标准: 2G/3G/4G/5G(FR1)/GNSS/A-GNSS/Wi-Fi/Bluetooth
- 物联网通信标准: LTE Cat NB1(NB-IoT)/Cat-M1(e-MTC)
- SISO测试TRP/TIS/EIRP/EIS, 2×2 MIMO吞吐率测试;
- 无源天线测试、Desense测试、ICS
- 支持600MHz-7.5GHz频段
- GTS MaxSign 100 测试软件支持天线/OTA测试, 提供可视化数据分析
- 新型EPP硬质环保吸波材料、低RCS高增益测量天线组、透波转台和夹具
- 快速MIMO测试; 认证级测试精度
- 一体化设计, 即插即用, 维护简单

Test Approach

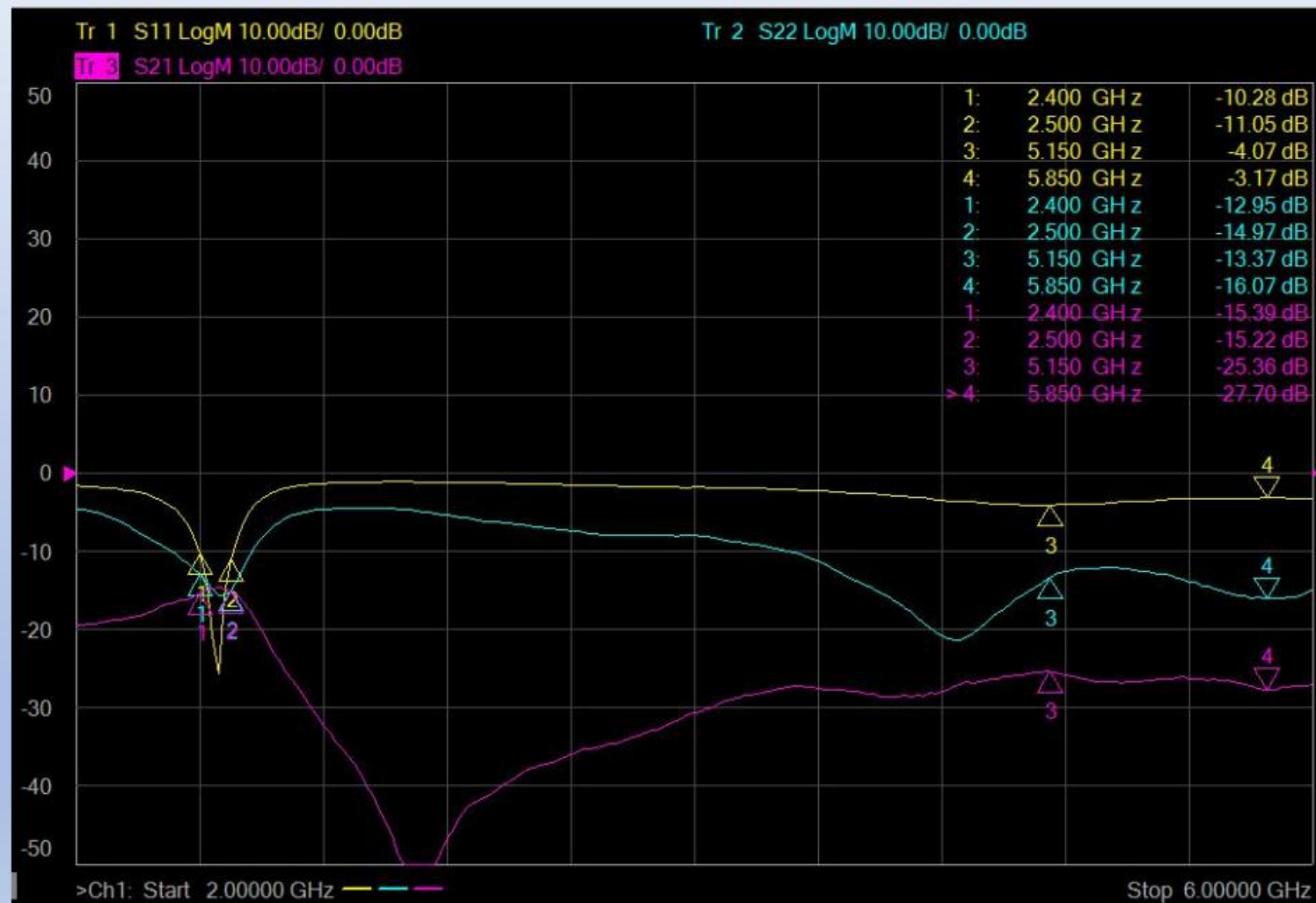


RayZone1800 Test Setup





S11:3RSSV3_BT_ANT S22:3RSSV3_W_ANT
S21:Isolation



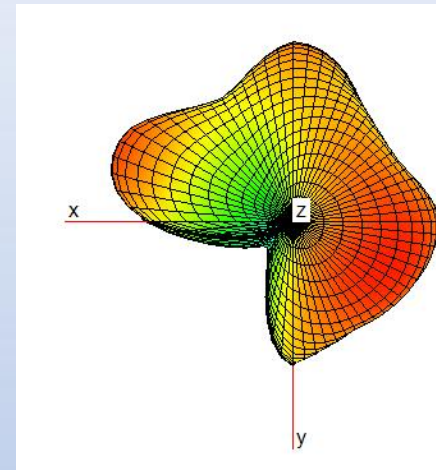
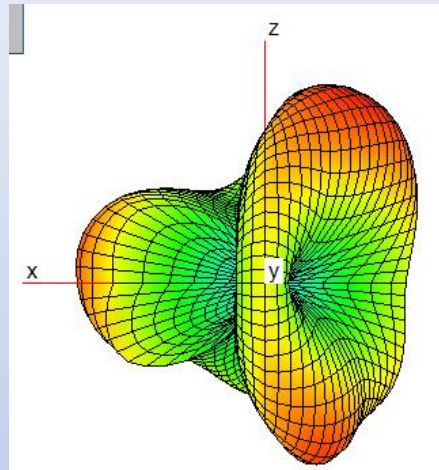
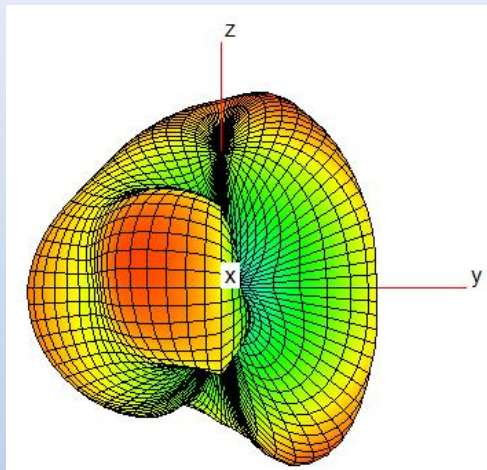
3RSSV3_W_ANT

Freq	Efficiency dB	Efficiency Pcent	Gain
2400	-1.44	71.7	1.68
2420	-1.37	72.9	1.88
2440	-1.4	72.41	1.78
2460	-1.44	71.7	1.68
2480	-1.56	69.83	1.4
2500	-1.69	67.8	1.03
5150	-1.29	74.31	2.06
5250	-1.29	74.25	2.07
5350	-1.49	70.96	1.7
5450	-1.48	71.12	1.92
5550	-1.53	70.37	2.34
5650	-1.38	72.8	2.62
5750	-1.39	72.67	2.36
5850	-1.36	73.11	2.48

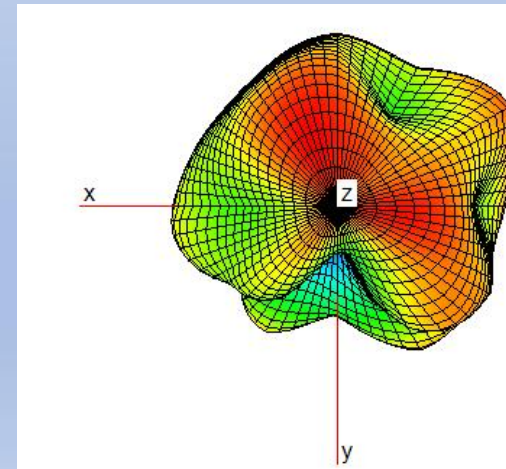
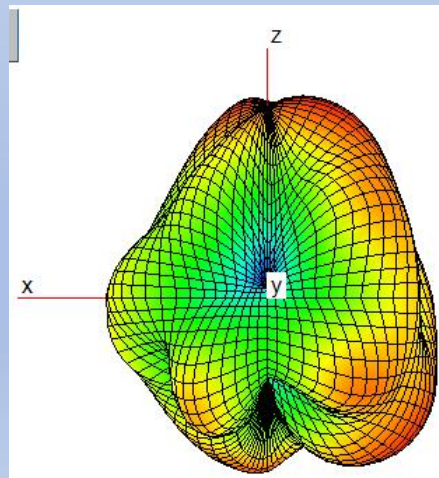
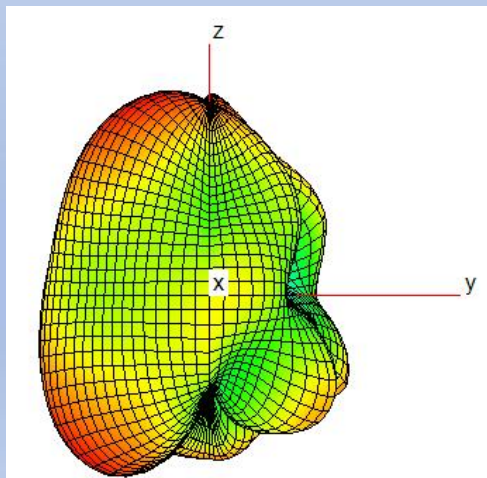
3RSSV3_BT_ANT

Freq	Efficiency dB	Efficiency Pcent	Gain
2400	-1.77	66.46	3.23
2420	-1.61	69.07	3.4
2440	-1.61	69.04	3.36
2460	-1.76	66.61	3.32
2480	-2.07	62.16	2.99

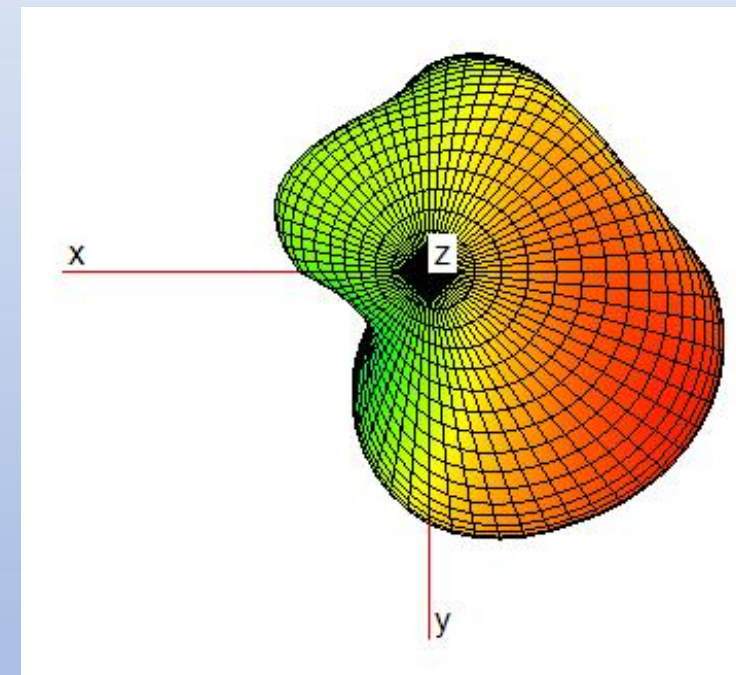
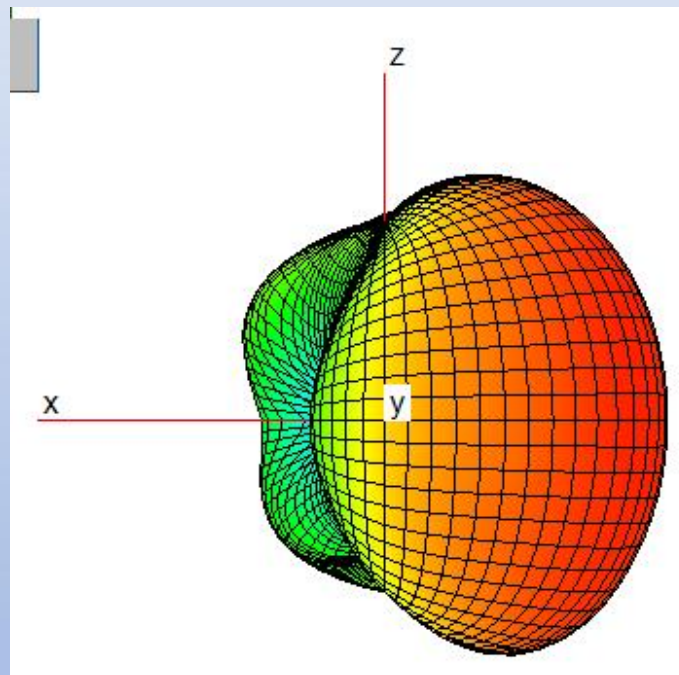
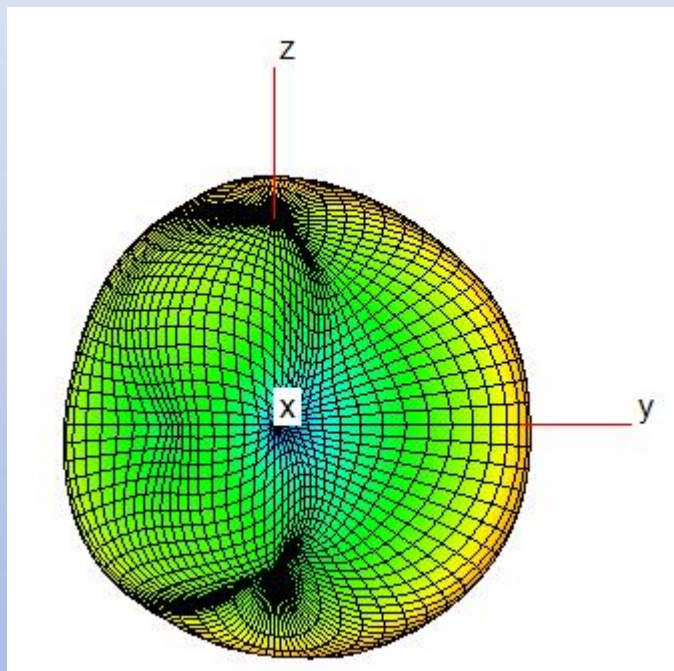
2.45G



5.5G



2.45G



天线尺寸图：

