

广州市花都区大唐通信天线厂

规格书

SPECIFICATION FOR APPROVAL

客户名称
Customer: _____

产品名称
Product Name: _____ FPC ANTENNA

规格描述
Description: _____ 514314300_FPC2400-2500

客户料号
CUSTP/N: _____

料号
P/N: _____

发出日期:
Approval Date: _____ 2024-11-20

核准 Approved	审核 Checked By	制作 Made By

客户承认
Customer Approve

核准 Approved	审核 Checked By	承办 Undertake By

地址：广州市花都区花城街平石西路 113 号厂房 1

电话：+86 020-36981239

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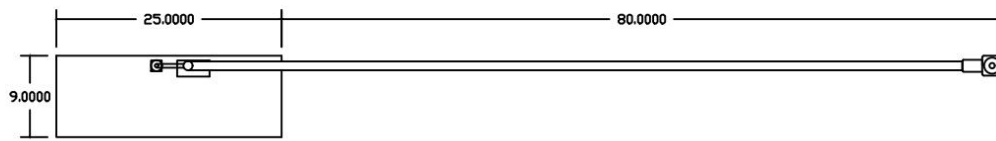
1. 电性能参数 ELECTRICAL SPECIFICATIONS

频率范围 Frequency Range	2400-2500Mhz
输入阻抗 Impedance	50 Ω
驻波比 VSWR	<2.0
增益 Gain	1.52dBi
极化 Polarization	垂直 Vertical
方向性 Radiation	全向 All-directional
最大功率 Max power	10W

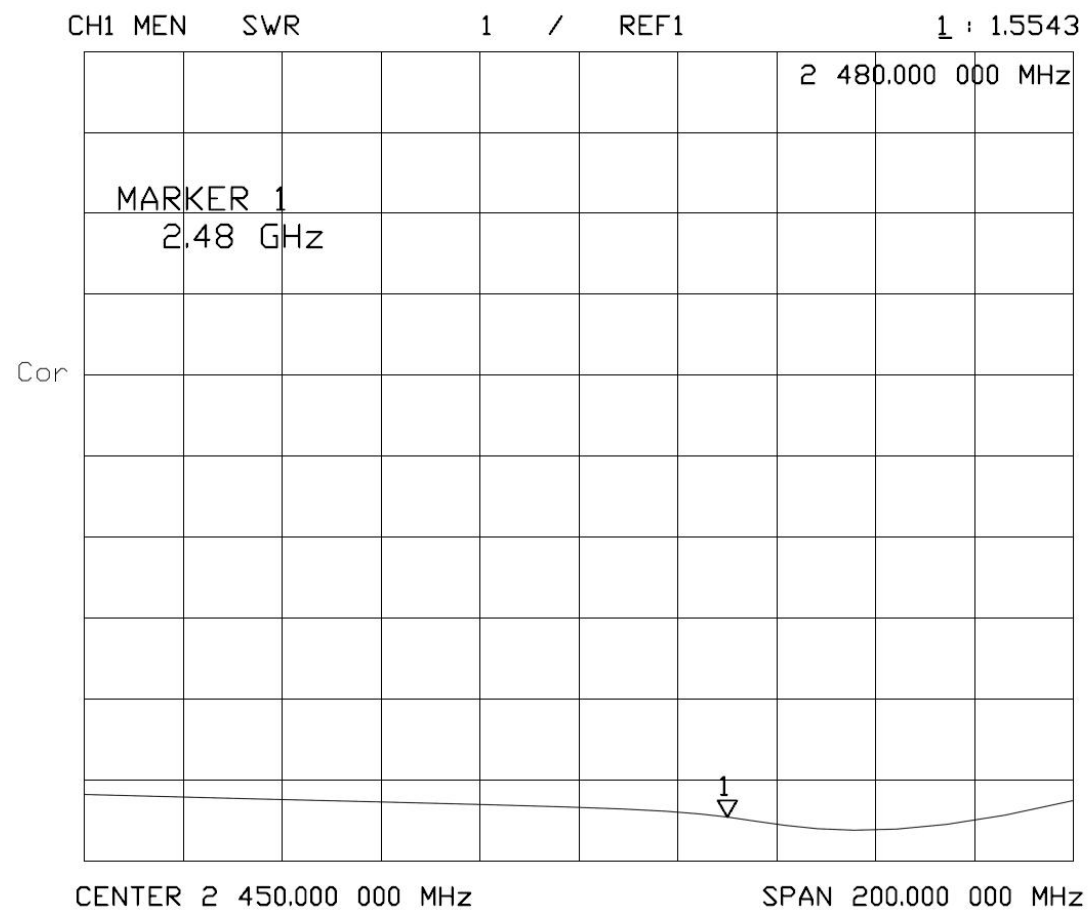
2. 机械性能 MECHANICAL SPECIFICATIONS

厚度 Thickness	-----
宽度 Width	9 $\pm$ 1mm
长度 Length	25 $\pm$ 1mm
增益 Gain	2dBi
接口 Connector	IPEX 4 代
电缆长度 Length of Cable	0.8 黑线 80mm
雷电保护 Lightning protection	直流接地

3. 尺寸图 DIMENSION DRAWING

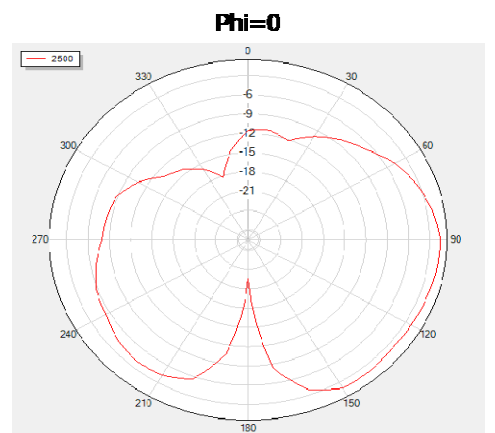
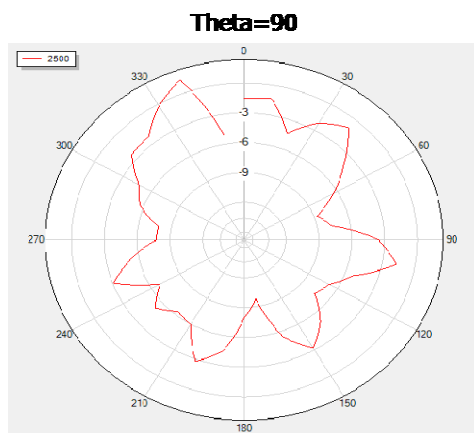
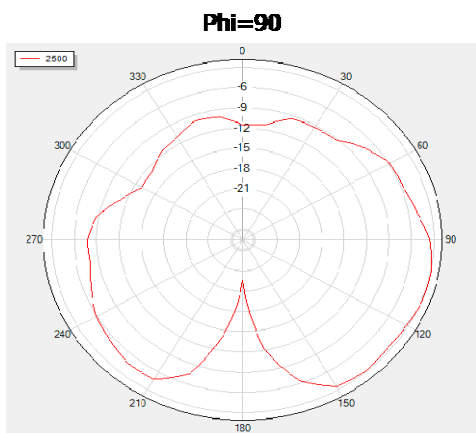
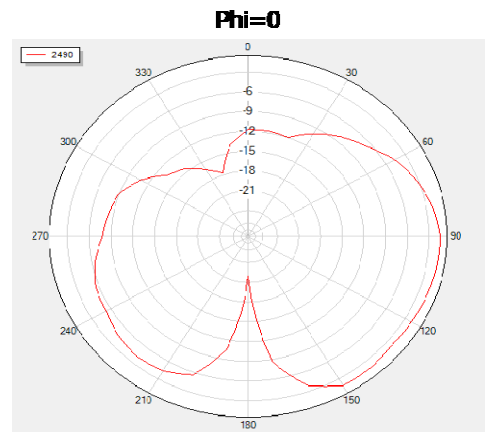
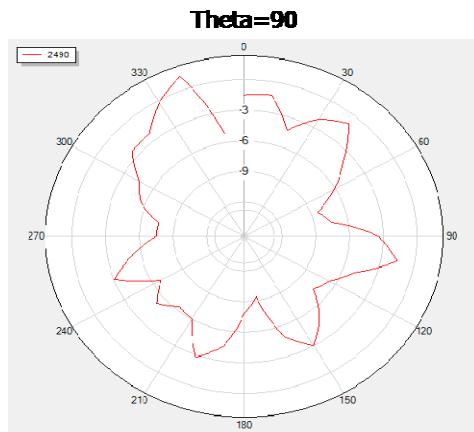
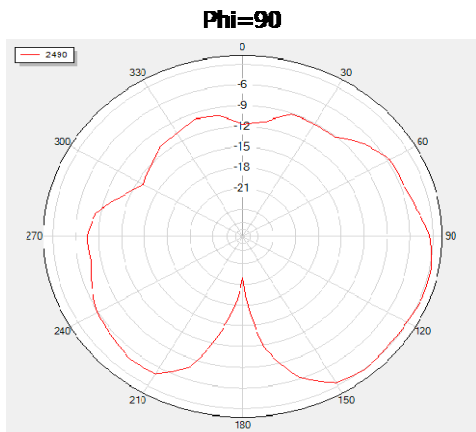
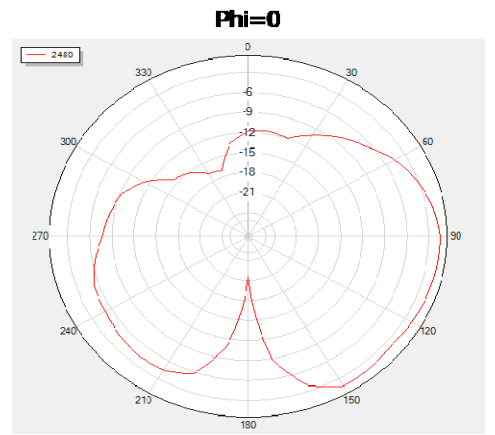
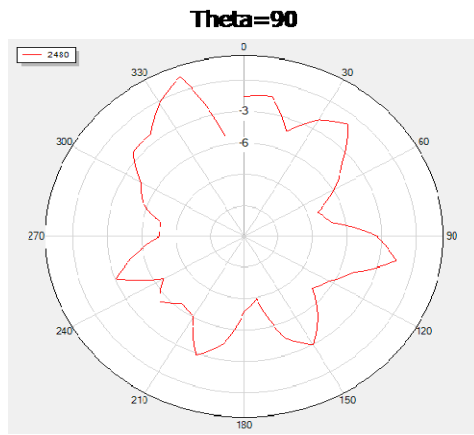
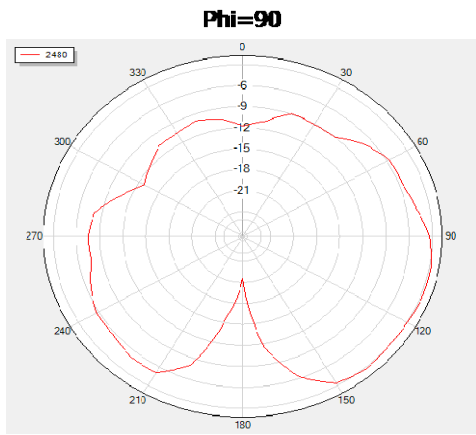


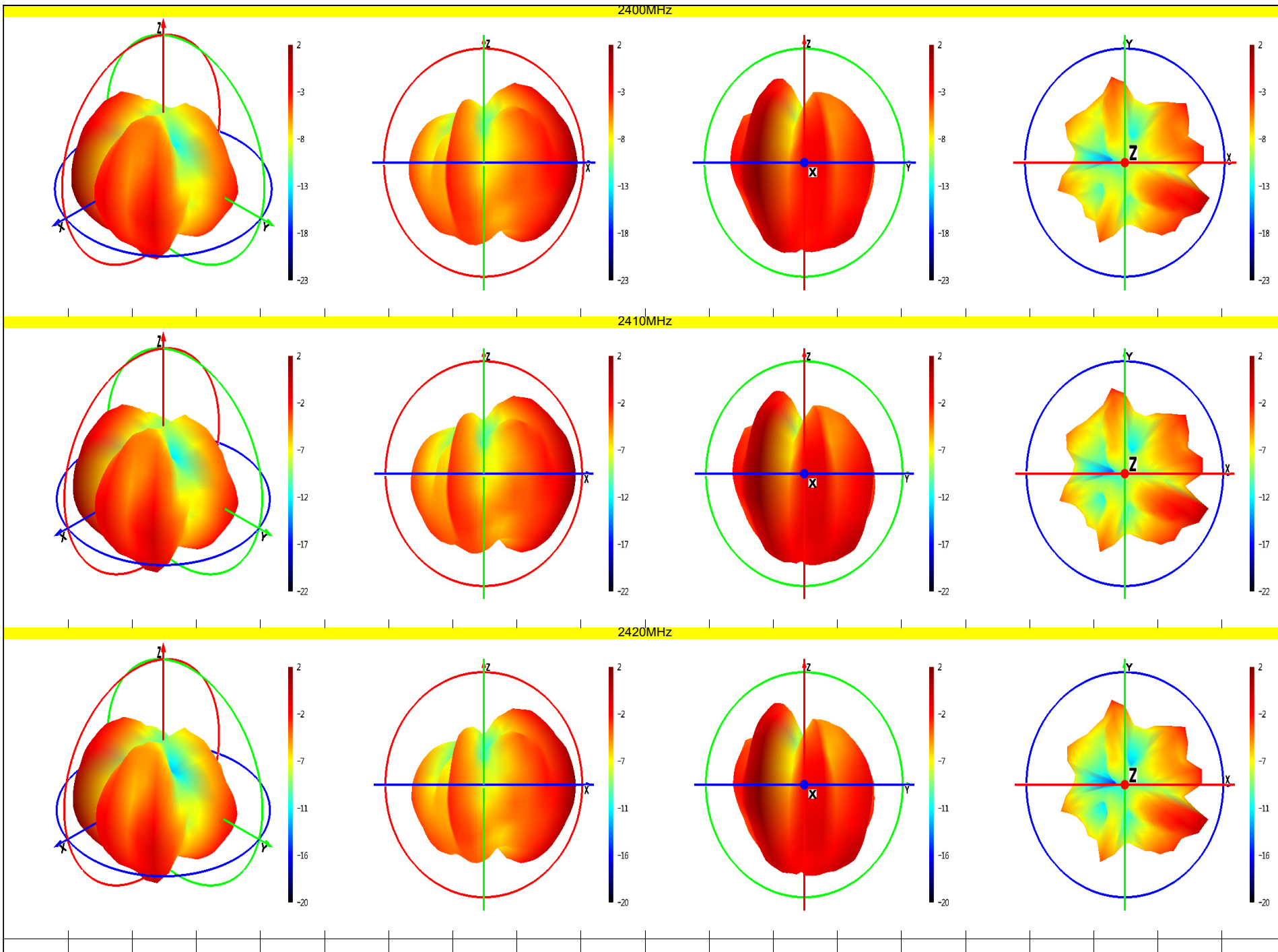
4. VSWR



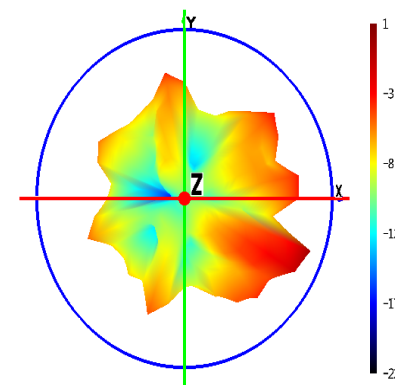
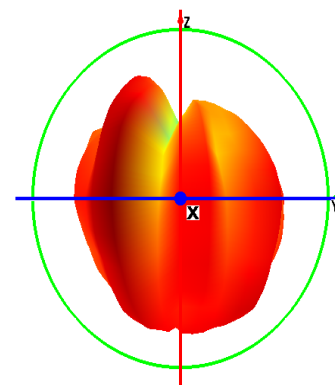
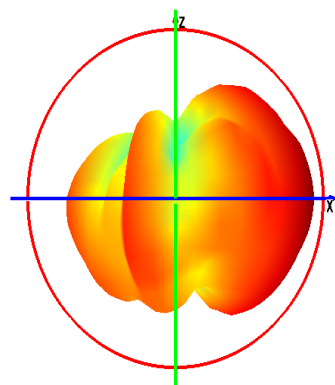
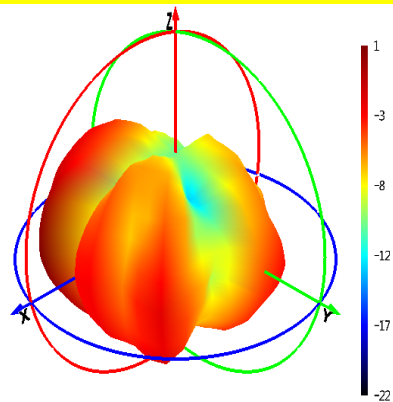
5. 测试数据 TEST DATA

Gain&Efficiency&PhaseCenter 增益、效率和相位中心			
frequency 频率 (MHz)	gain 增益 (dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400.00	1.52	-3.90	40.77
2410.00	1.24	-3.95	40.30
2420.00	1.17	-3.93	40.41
2430.00	0.99	-4.16	38.41
2440.00	0.84	-4.43	36.10
2450.00	0.89	-4.59	34.77
2460.00	1.38	-4.40	36.29
2470.00	1.41	-4.55	35.08
2480.00	1.34	-4.82	32.97
2490.00	1.34	-4.83	32.86
2500.00	1.36	-4.85	32.70

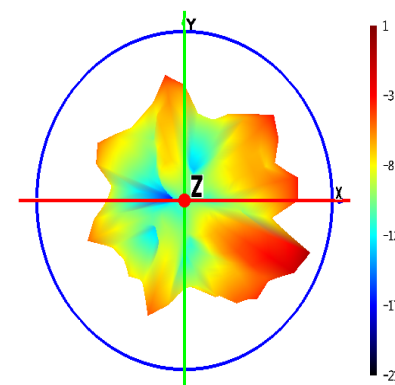
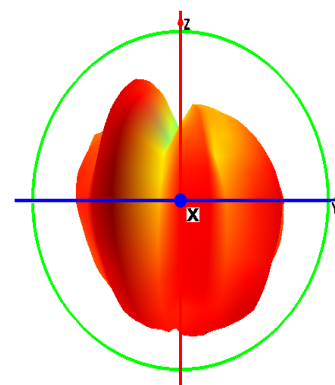
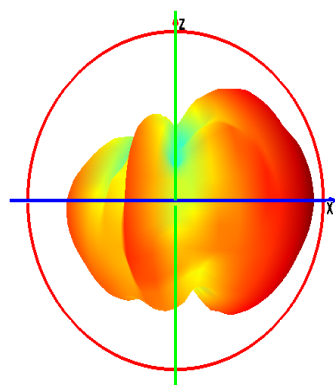
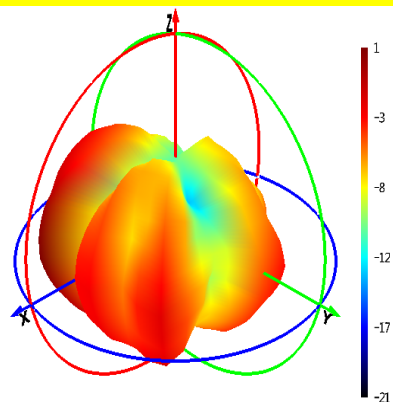




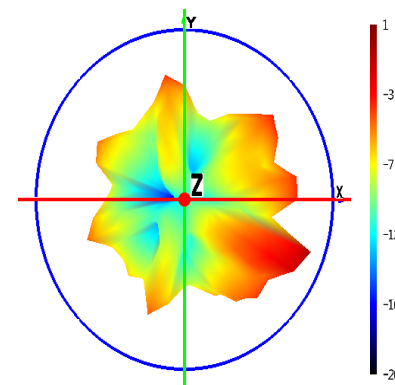
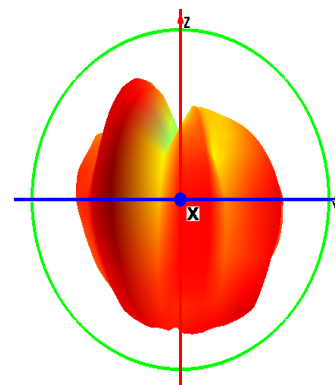
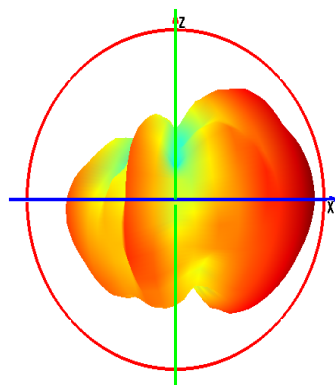
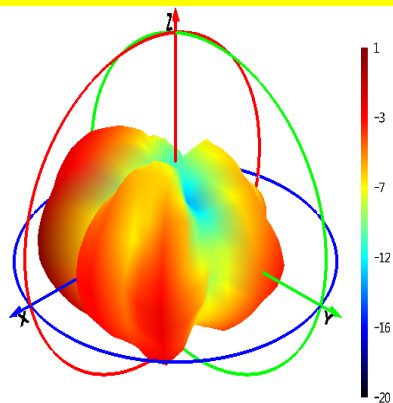
2430MHz



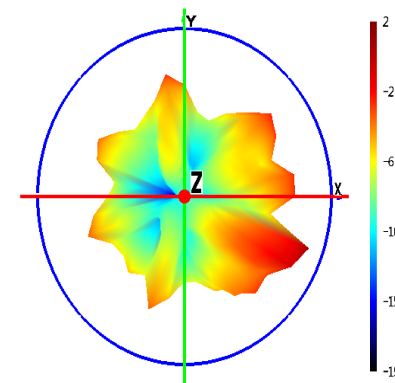
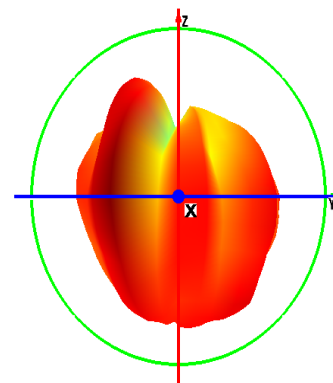
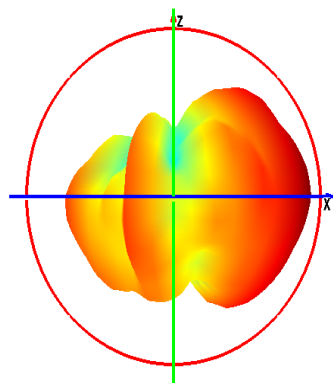
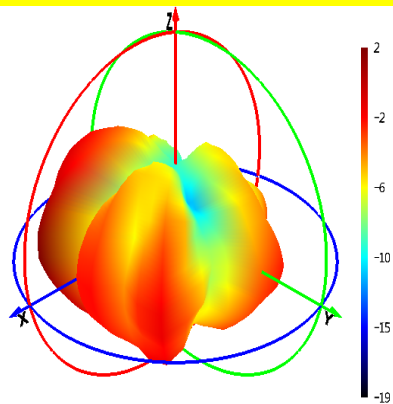
2440MHz



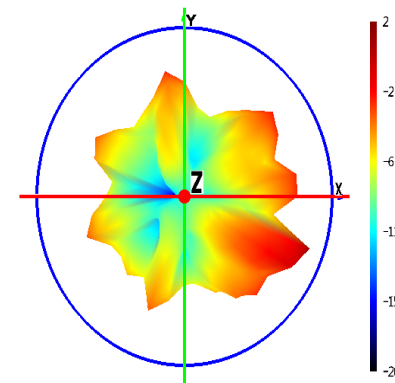
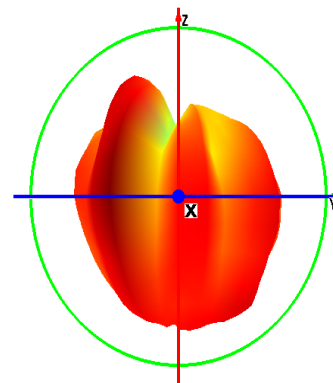
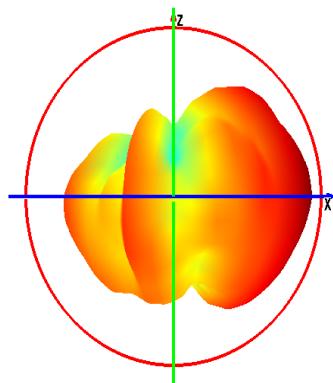
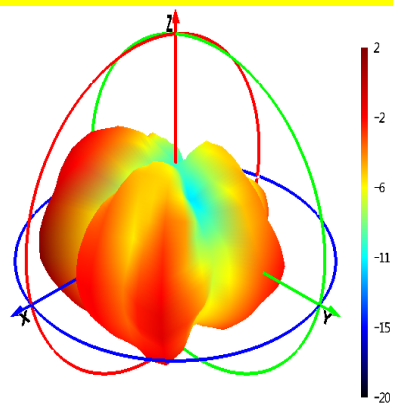
2450MHz



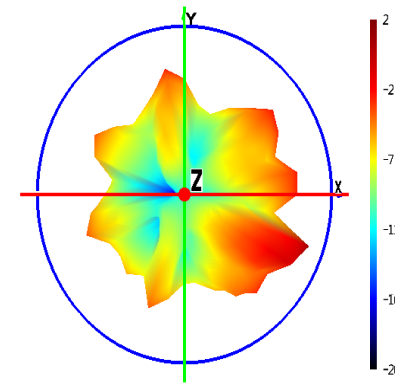
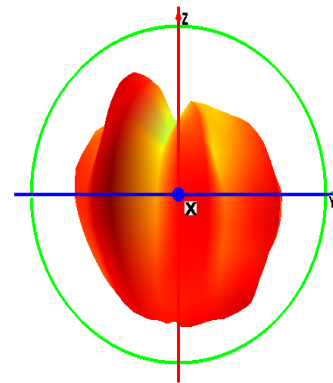
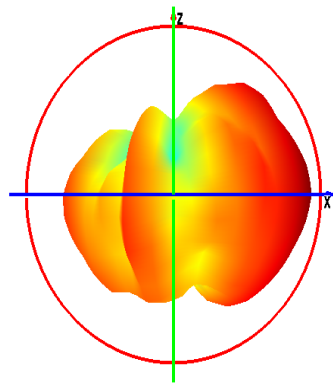
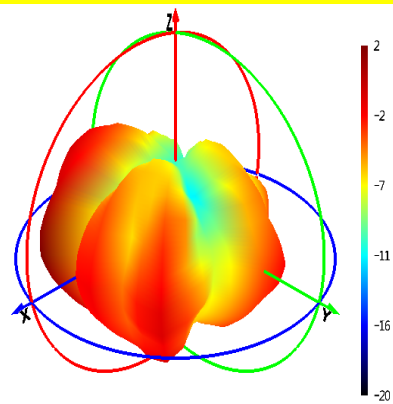
2460MHz



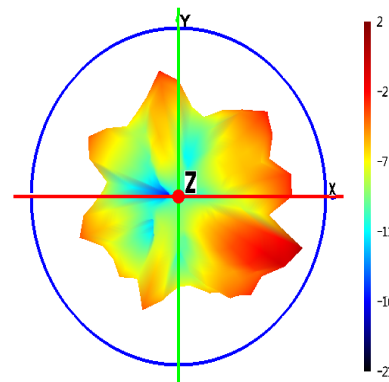
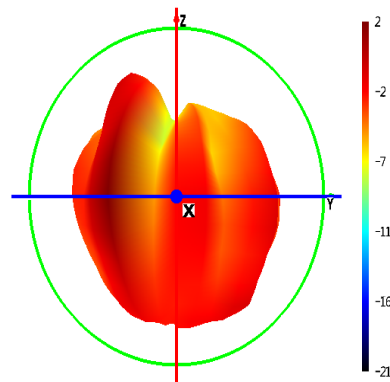
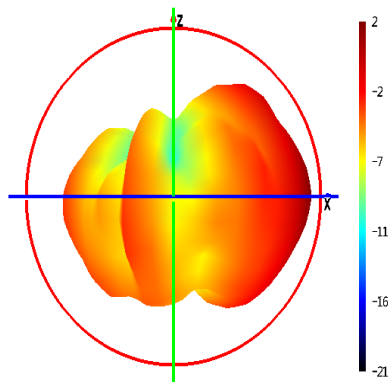
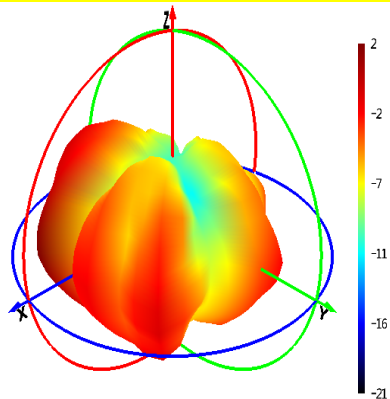
2470MHz



2480MHz



2490MHz



2500MHz

