

# 天线规格书

产品名称

**PRODUCT NAME:** \_\_\_\_\_

产品设计

**PRODUCT DESIGN:**           深圳市达实智控科技股份有限公司          

测试机构

**TESTING AGENCY:** \_\_\_\_\_

**Address :** 53 Guangtian Road, Yanchuan Community, Yanluo Street, Bao 'an District, Shenzhen

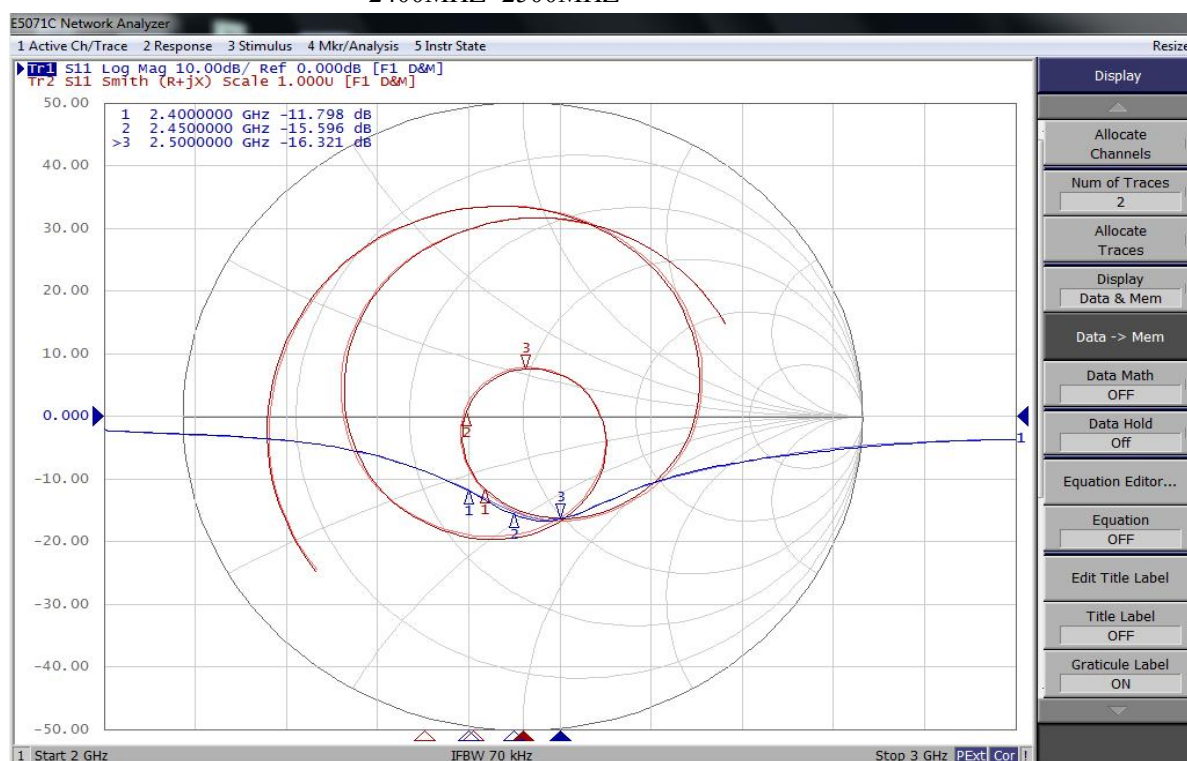
## 天线主要技术参数

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400~2500	Frequency Range (MHZ)	2400~2500
特性阻抗( $\Omega$ )	50	Impedance( $\Omega$ )	50
增益(dBi)	2dBi	Peak Gain(dBi)	2dBi
输出电压 驻波比	$\leq 2.0$	VSWR	$\leq 2.0$
极化方式	垂直极化	Polarization	Linear, Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	直连	ConnectorType	direct connection

### 一、测试报告

#### 1.1: 网络分析仪测试报告

2400MHZ~2500MHZ

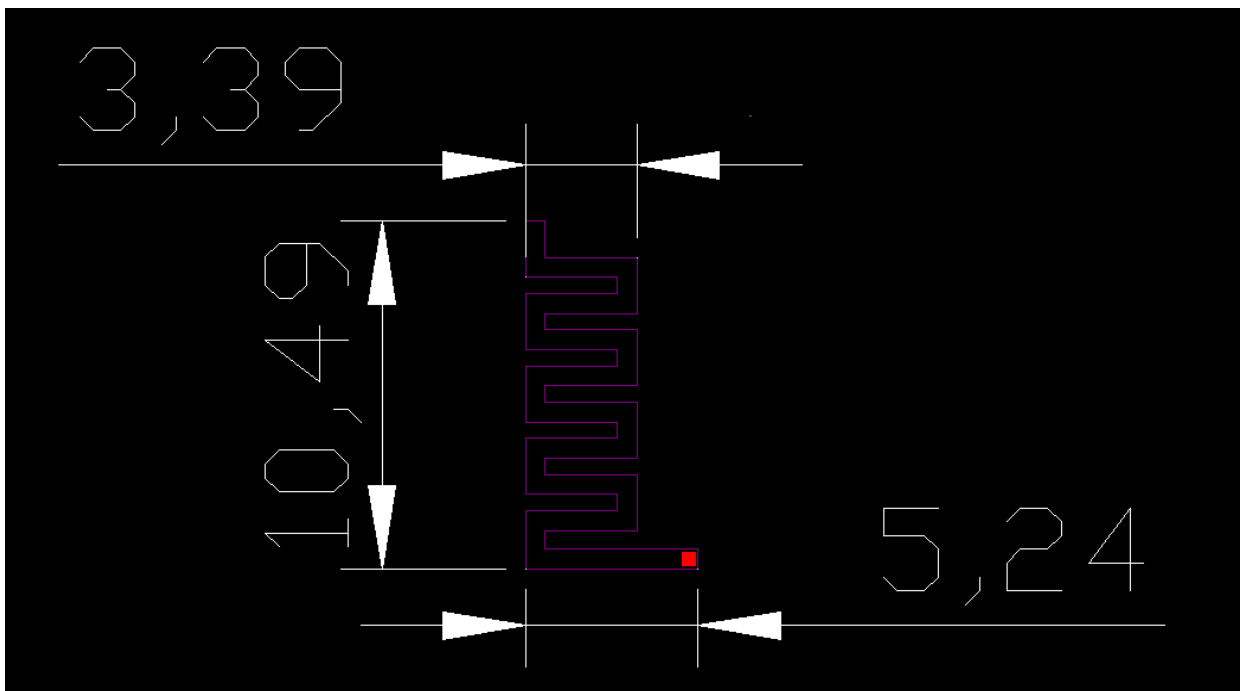


## 1.2: 增益效率

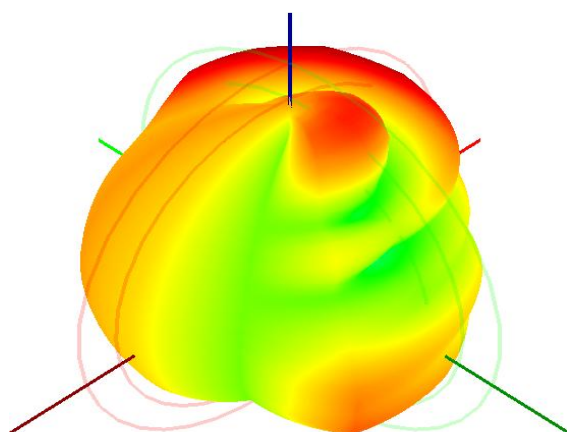
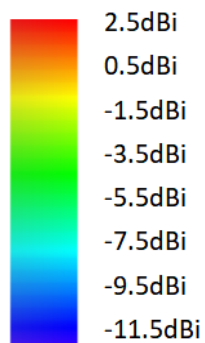
Freq (MHz)	Effi (%)	Gain (dBi)
2400	40.58%	2.10
2410	39.14%	1.92
2420	40.49%	2.17
2430	40.10%	2.18
2440	43.65%	2.42
2450	44.00%	2.41
2460	48.89%	2.48
2470	48.90%	2.10
2480	45.71%	1.53
2490	45.17%	1.49
2500	47.84%	1.56

## 1.3: 天线尺寸

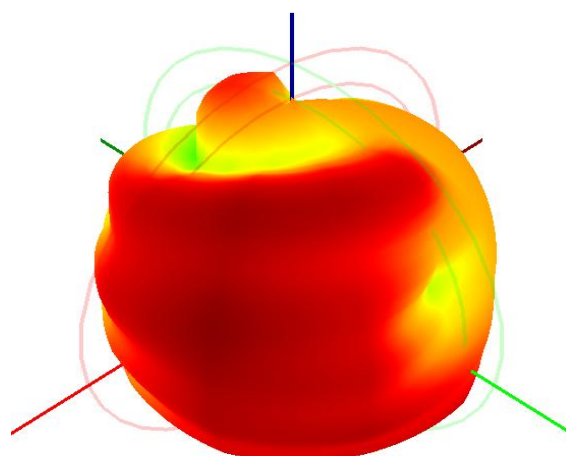
Unit: mm



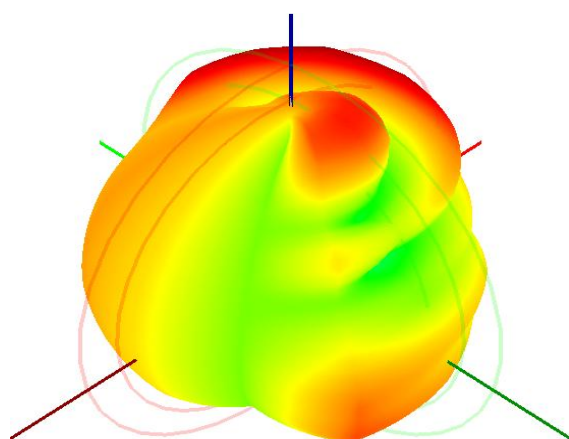
### 1.3: 3D场型



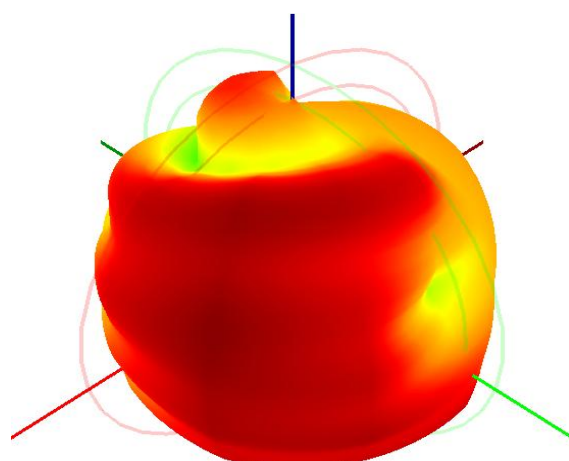
2400.0MHz H+V, Eff: 40.6%



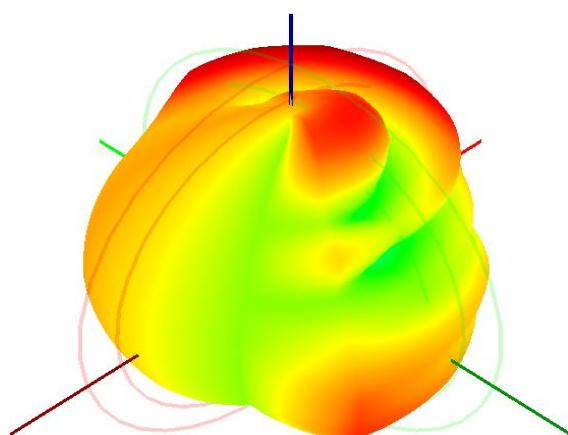
Back View



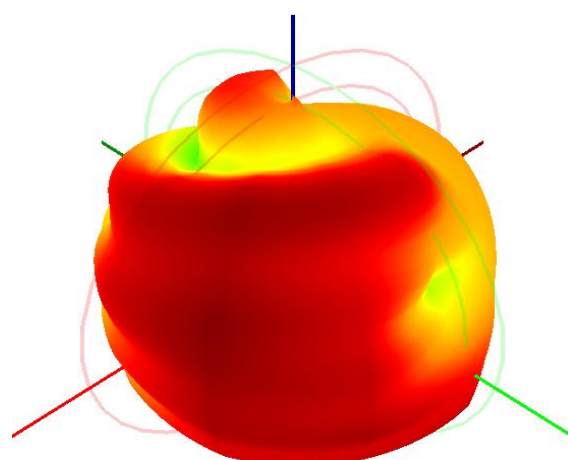
2410.0MHz H+V, Eff: 39.1%



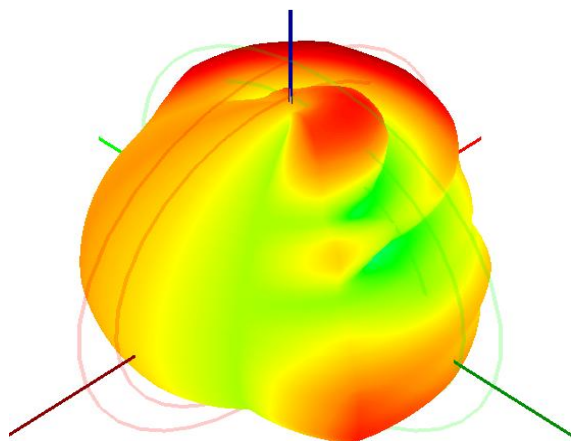
Back View



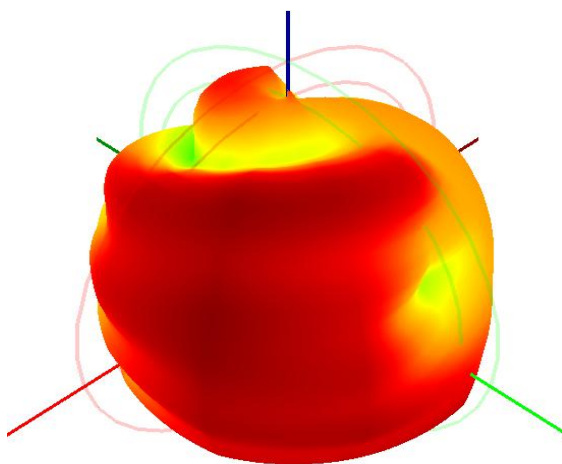
2420.0MHz H+V, Eff: 40.5%



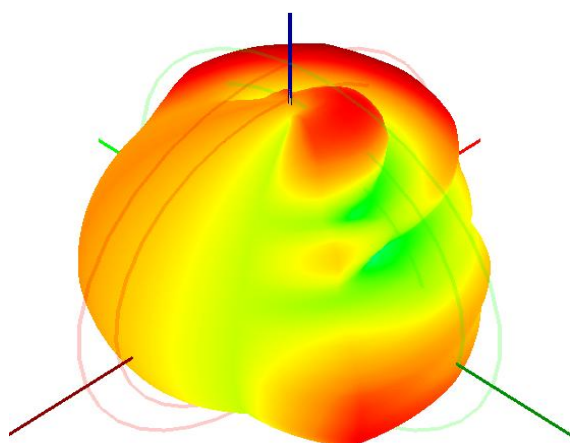
Back View



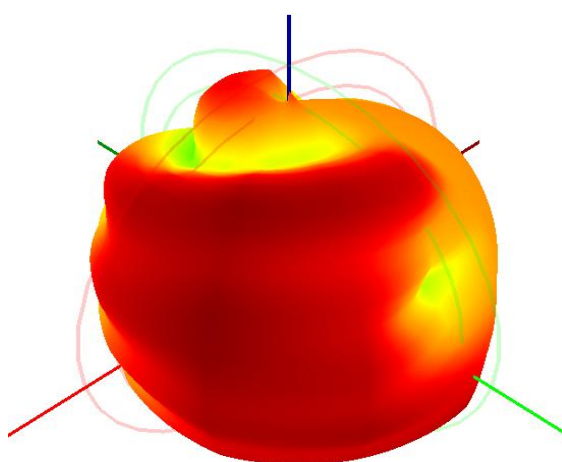
2430.0MHz H+V, Eff: 40.1%



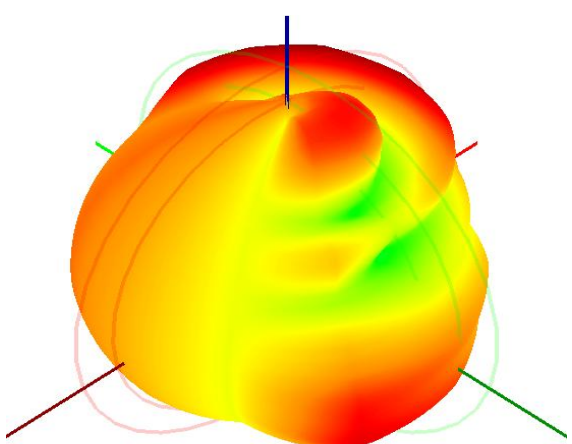
Back View



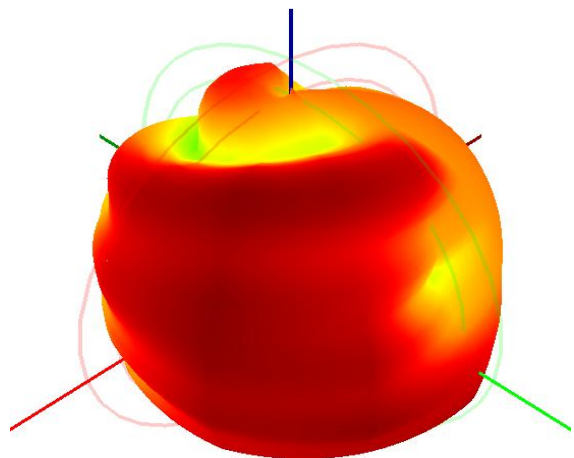
2440.0MHz H+V, Eff: 43.7%



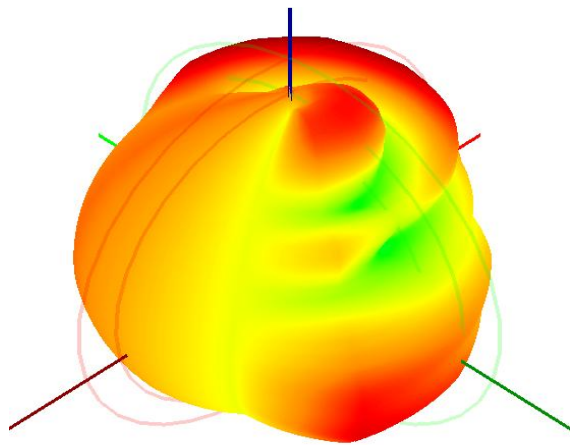
Back View



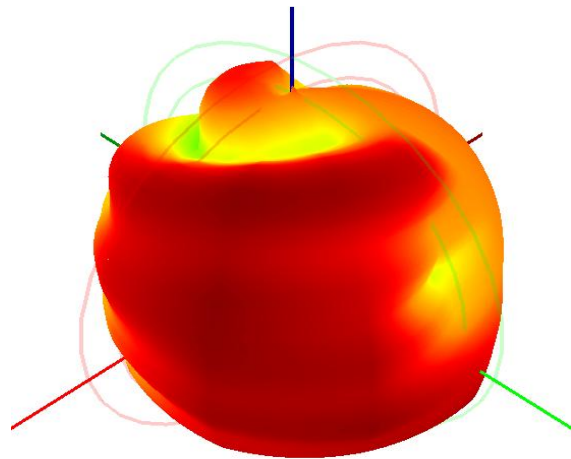
2450.0MHz H+V, Eff: 44.0%



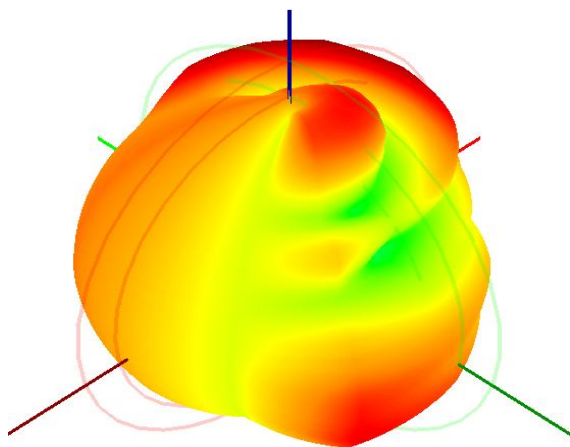
Back View



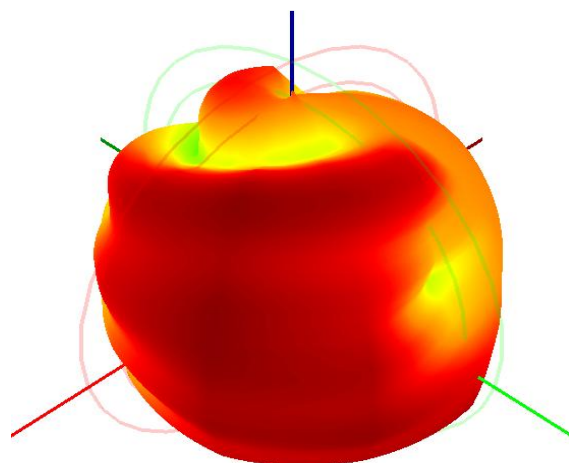
2460.0MHz H+V, Eff: 48.9%



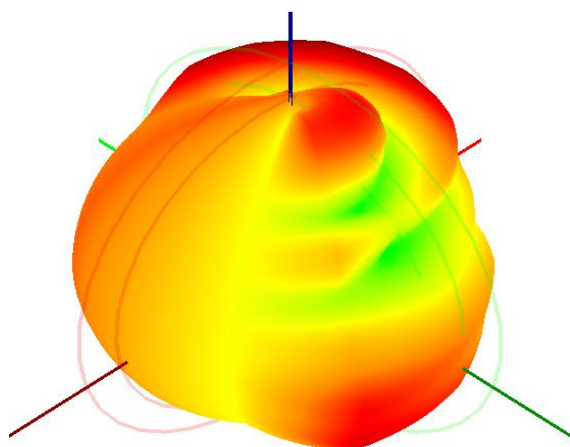
Back View



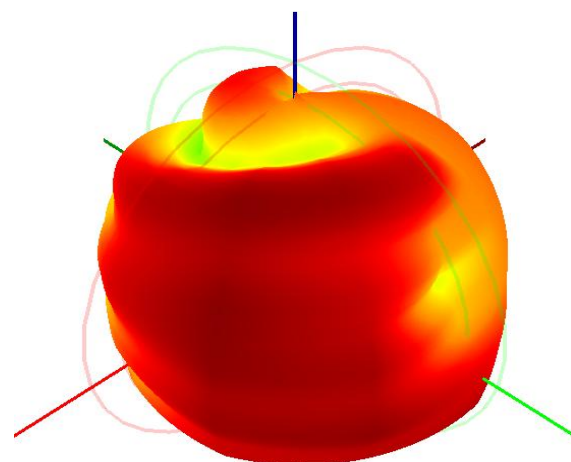
2470.0MHz H+V, Eff: 48.9%



Back View

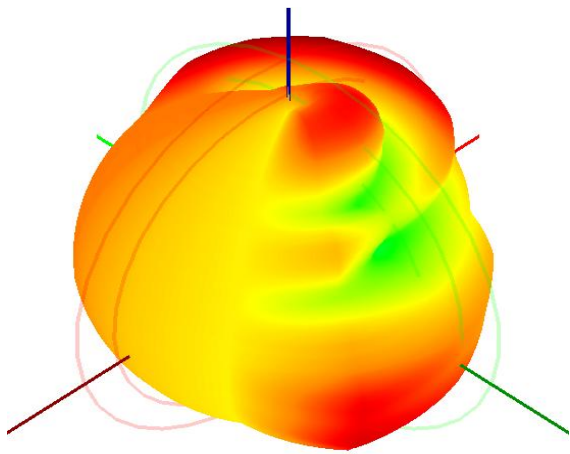


2480.0MHz H+V, Eff: 45.7%

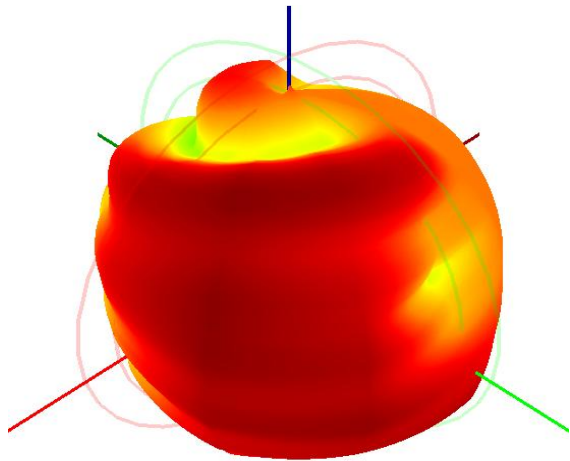


Back View

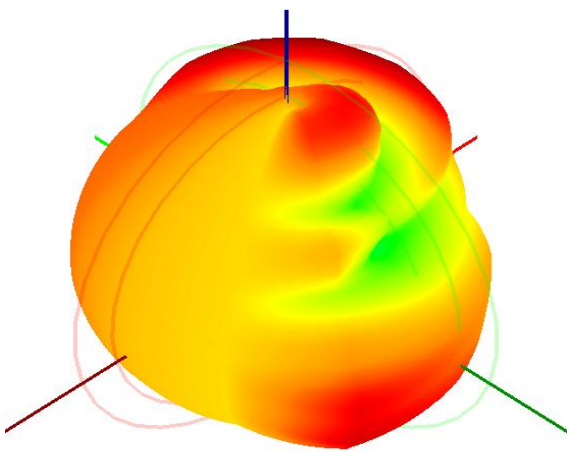




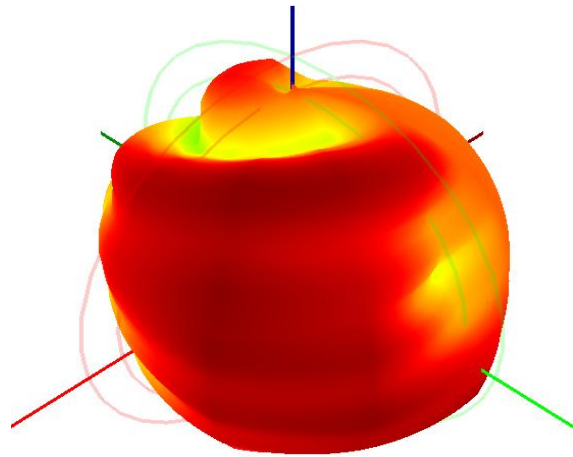
2490.0MHz H+V, Eff: 45.2%



Back View



2500.0MHz H+V, Eff: 47.8%



Back View