

Antenna Report

Manufacturer: Shenzhen Kexin wireless Technology Co., LTD

ADD: Baolong Street, Longgang District, Shenzhen City,
Shabei Hongli Industrial Zone building

Model: 3D50

1. product picture



2. Electrical performance test report

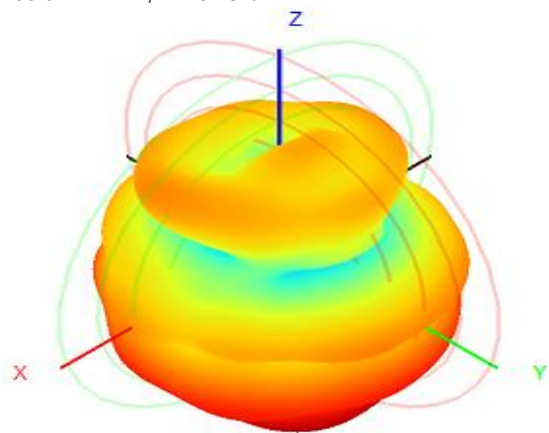
VSWR:



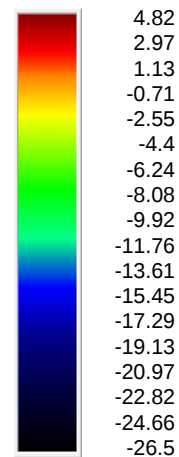
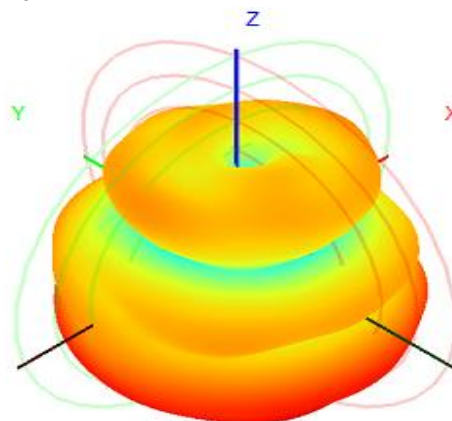
3.Product performance parameter

电性能指标Electrical Specifications	
频率范围Frequency Range (MHz)	2.4-2.5GHz,5150-5850MHz
输入阻抗Input Impendence (Ω)	50
电压驻波比V.S.W.R	≤2.5
增益Gain (dBi)	2.4G:4.86dBi 5G:2.36dBi
极化形式Polarization Type	垂直 Vertical
最大功率Maximum power(W)	10W
垂直面波瓣角度Vertical lobe Angle （E）	45~60°
水平面波瓣角度Water plane lobe Angle （H）	360°
机械指标Mechanical Specifications	
连接器型号Connect Type	SMA-J
电缆型号Cable Type	/
天线尺寸Size	50*Φ15MM
工作温度Operating Temp	-20 ~ +65 °C
储存温度Storage Temp	-30 ~ +75°C

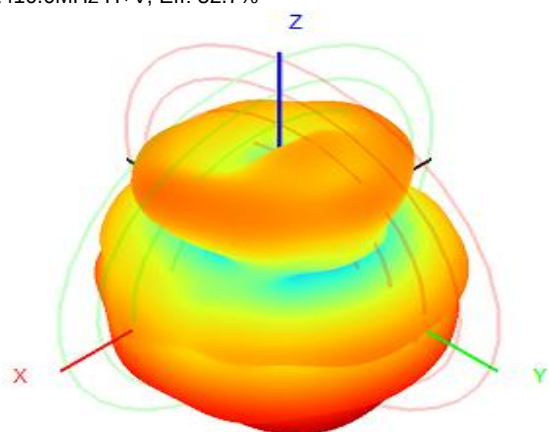
2400.0MHz H+V, Eff: 51.8%



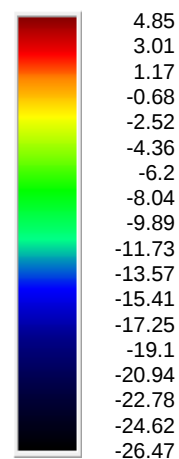
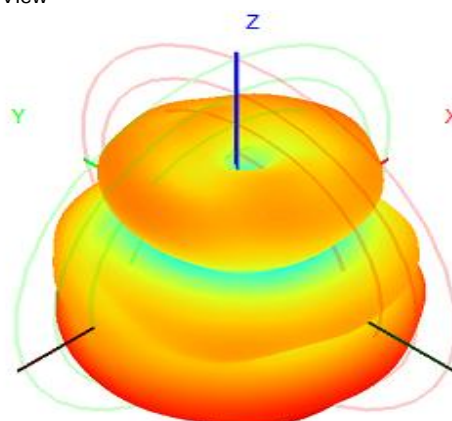
Back View



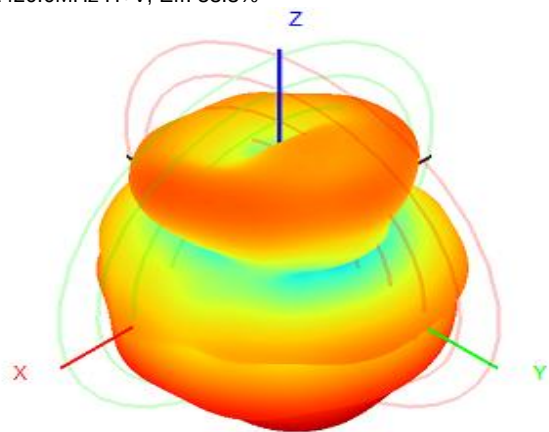
2410.0MHz H+V, Eff: 52.7%



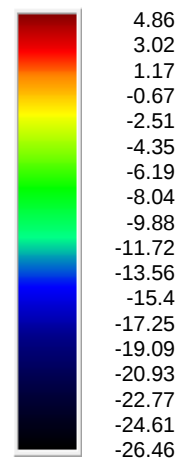
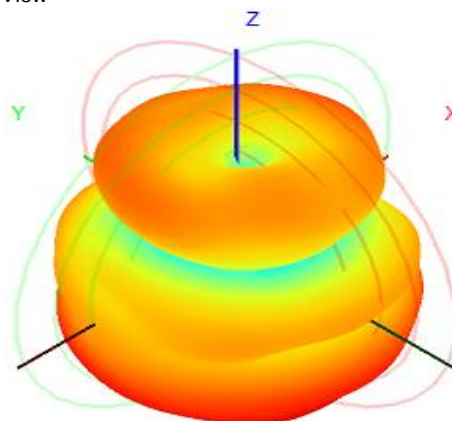
Back View



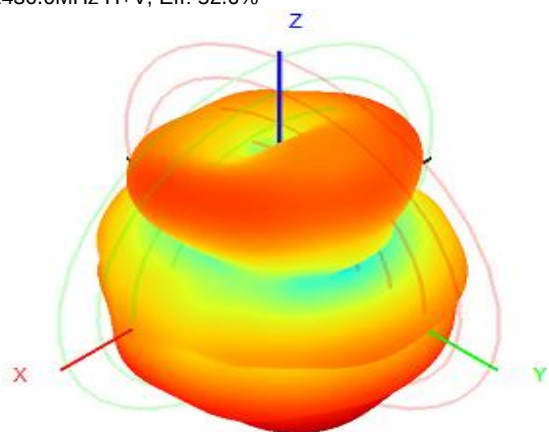
2420.0MHz H+V, Eff: 53.3%



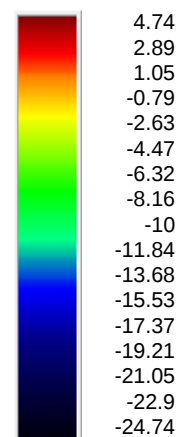
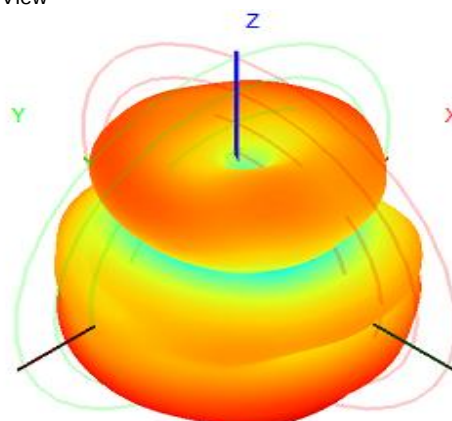
Back View



2430.0MHz H+V, Eff: 52.6%

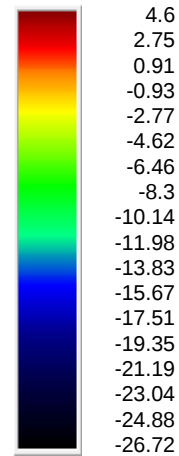
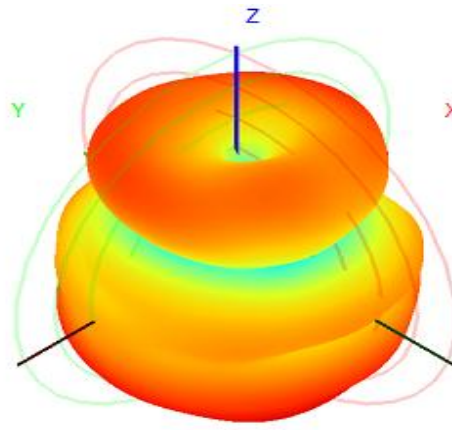
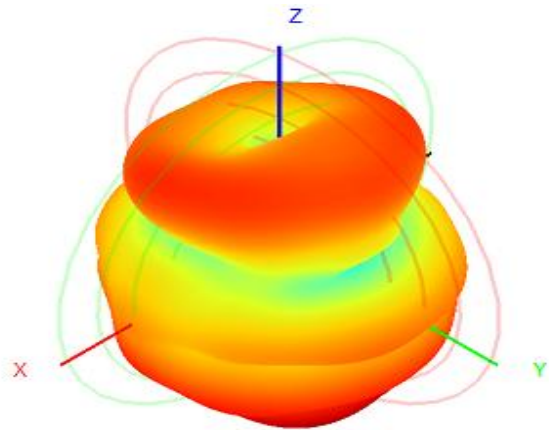


Back View



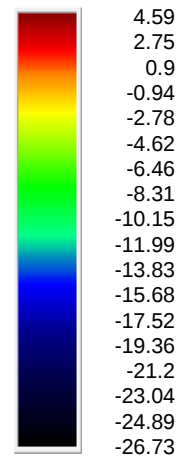
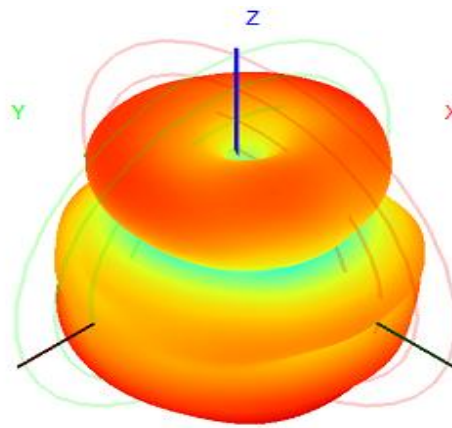
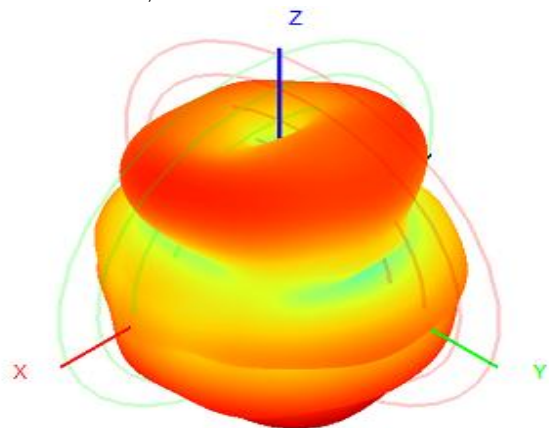
2440.0MHz H+V, Eff: 52.2%

Back View



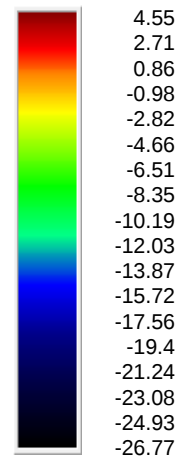
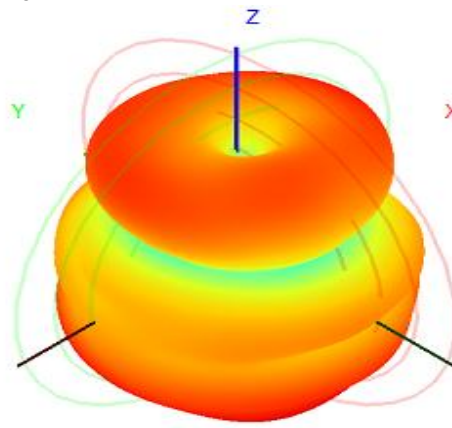
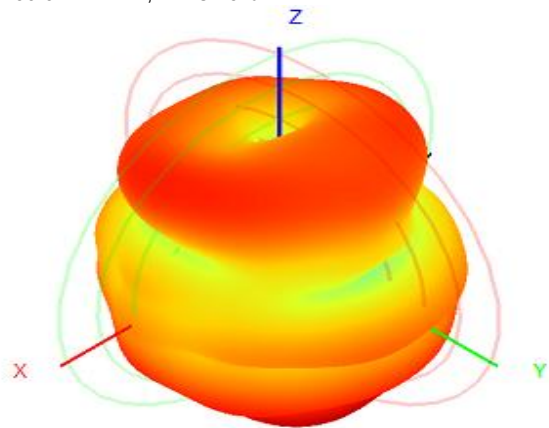
2450.0MHz H+V, Eff: 53.2%

Back View



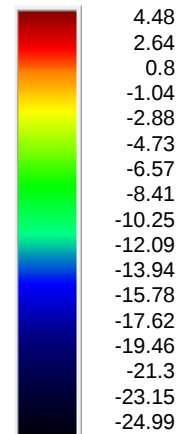
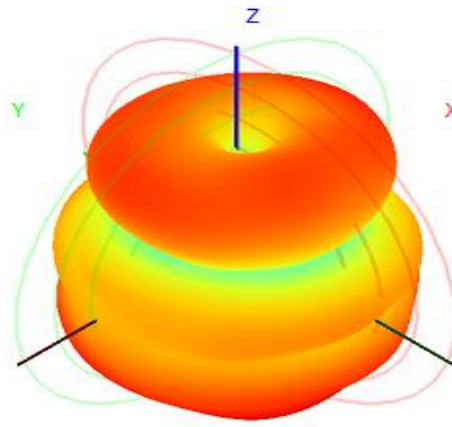
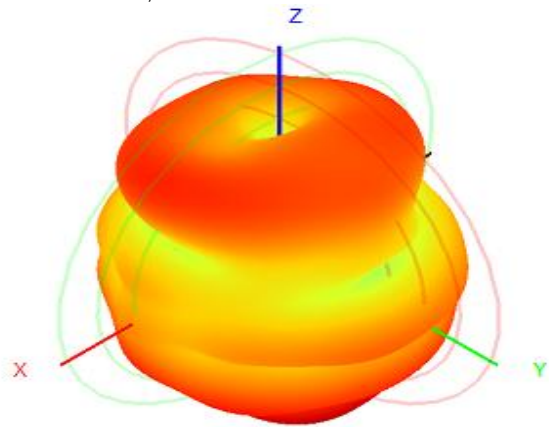
2460.0MHz H+V, Eff: 52.6%

Back View



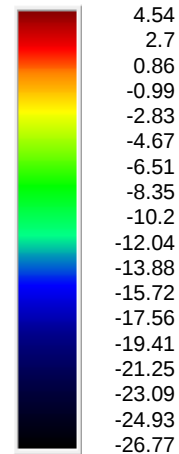
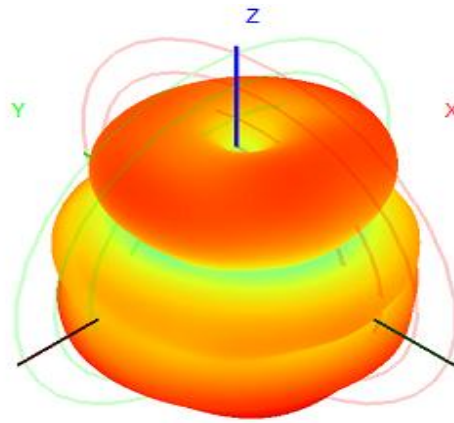
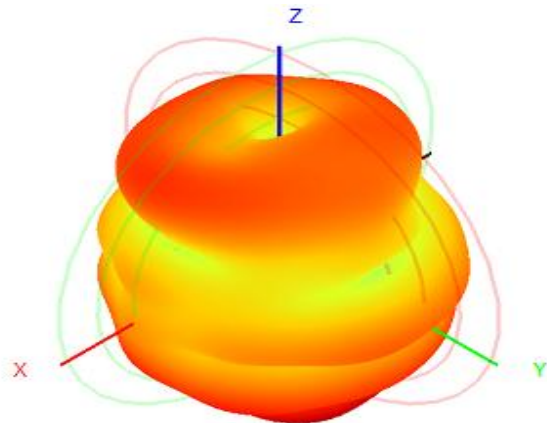
2470.0MHz H+V, Eff: 51.2%

Back View



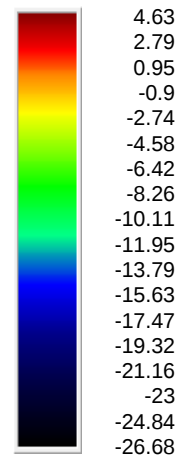
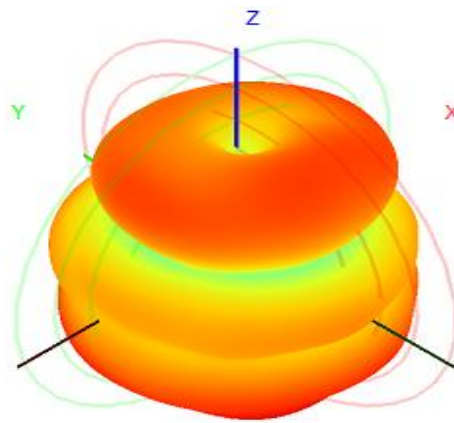
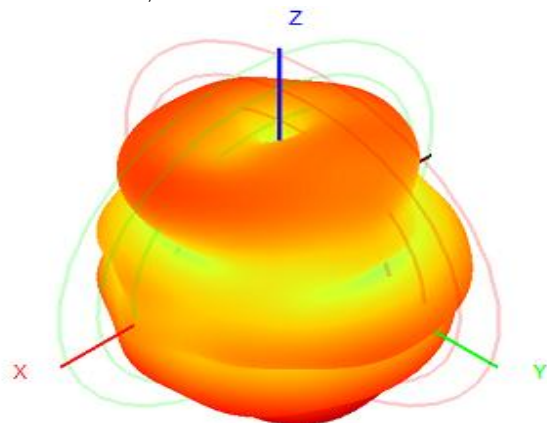
2480.0MHz H+V, Eff: 50.7%

Back View



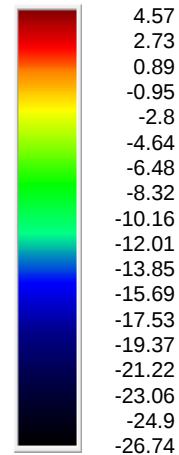
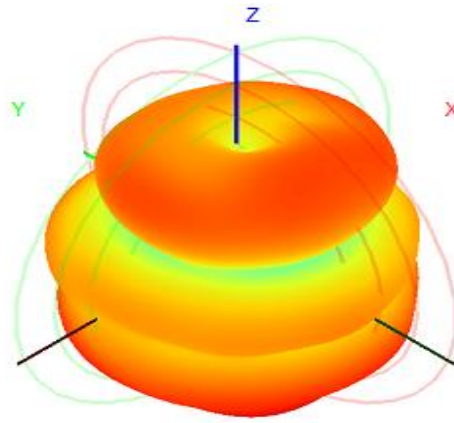
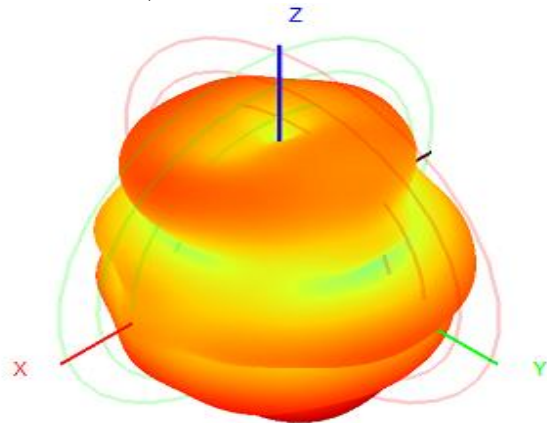
2490.0MHz H+V, Eff: 50.9%

Back View



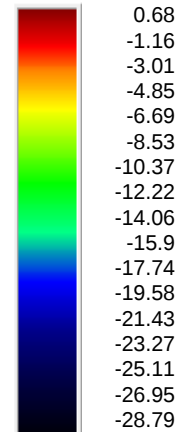
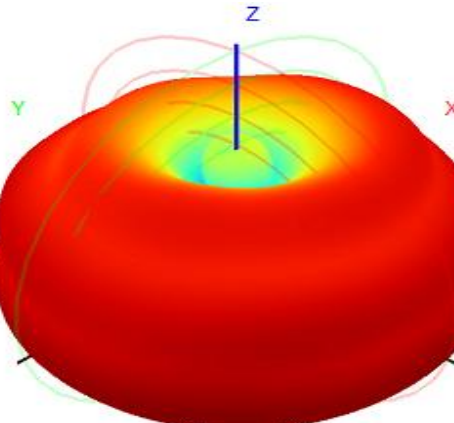
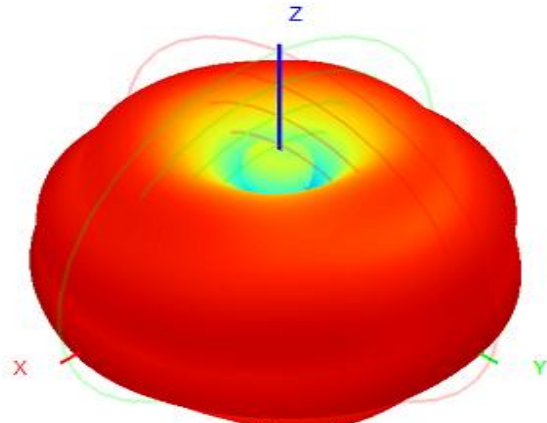
2500.0MHz H+V, Eff: 50.3%

Back View

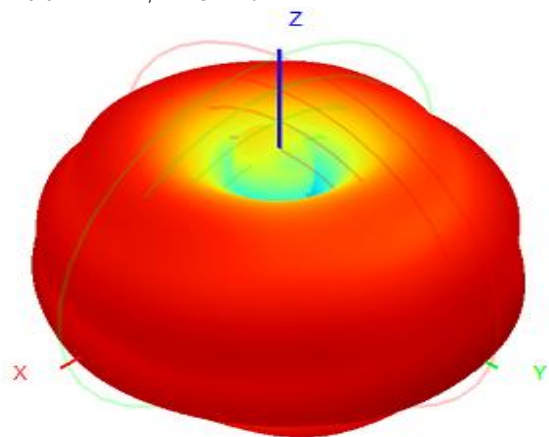


5150.0MHz H+V, Eff: 49.1%

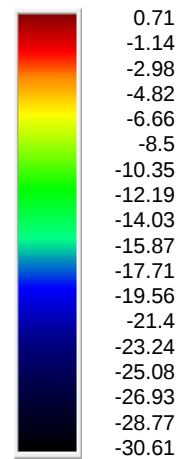
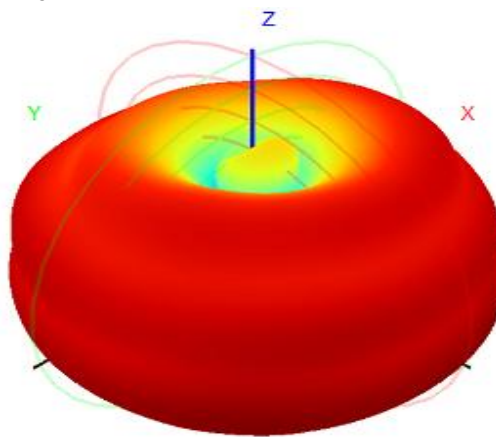
Back View



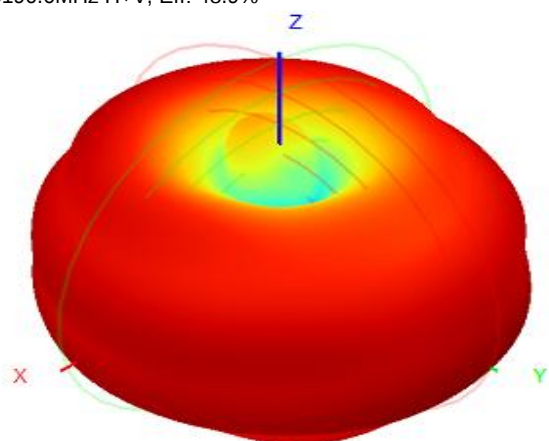
5170.0MHz H+V, Eff: 51.4%



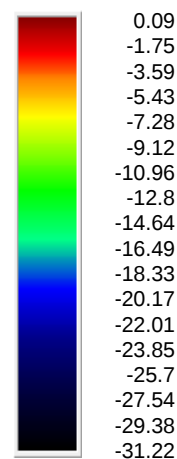
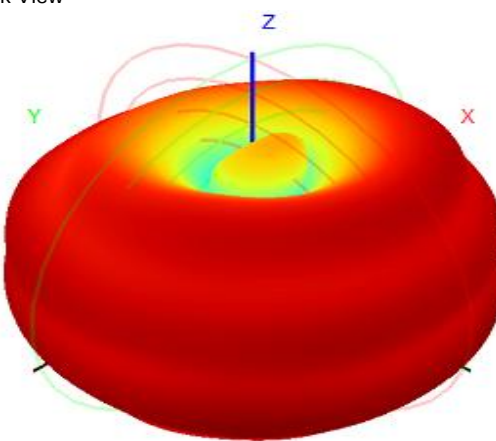
Back View



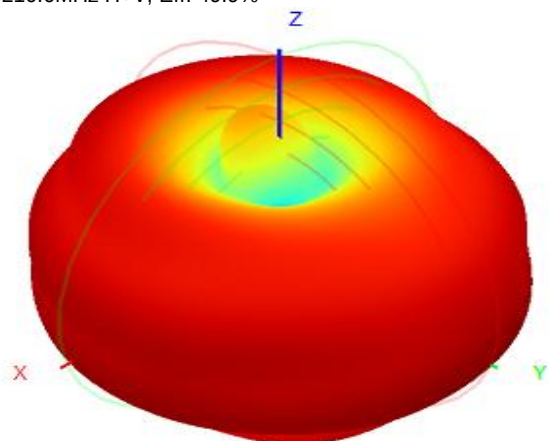
5190.0MHz H+V, Eff: 48.9%



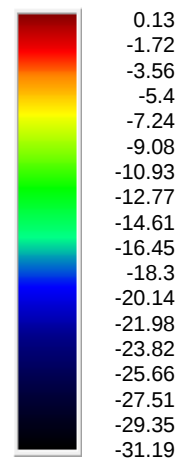
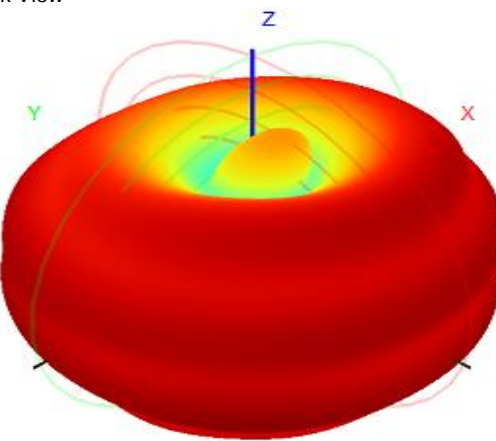
Back View



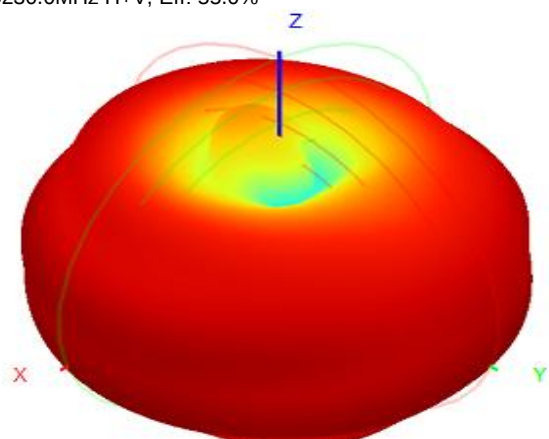
5210.0MHz H+V, Eff: 49.9%



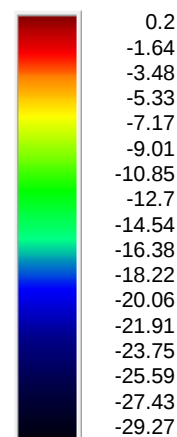
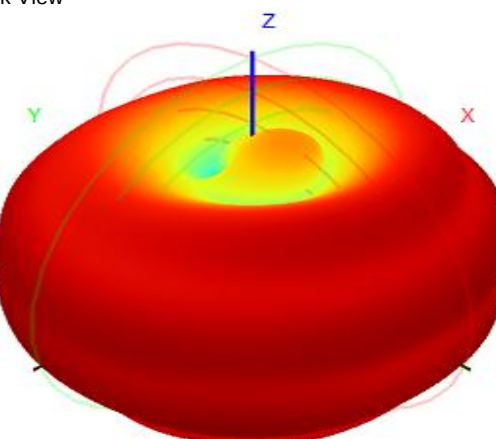
Back View



5230.0MHz H+V, Eff: 55.0%

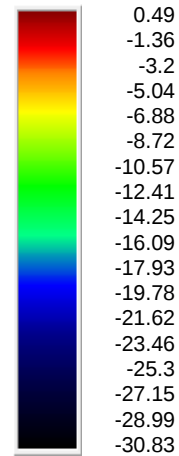
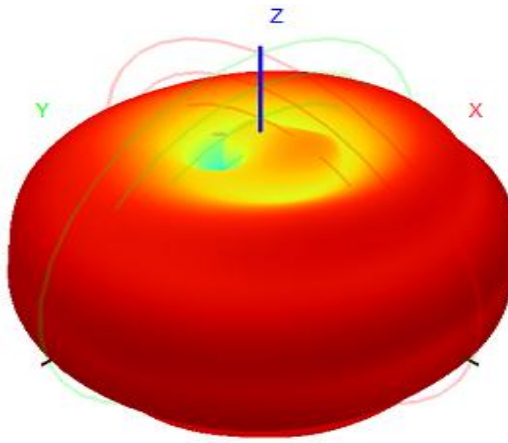
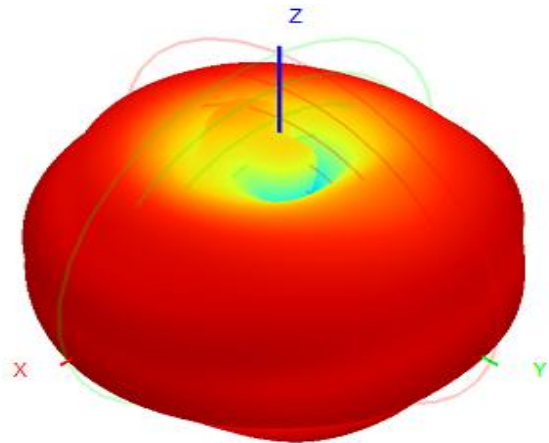


Back View



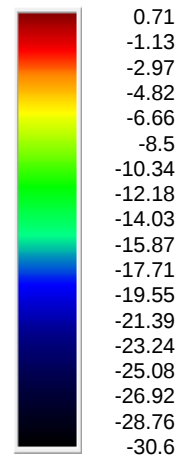
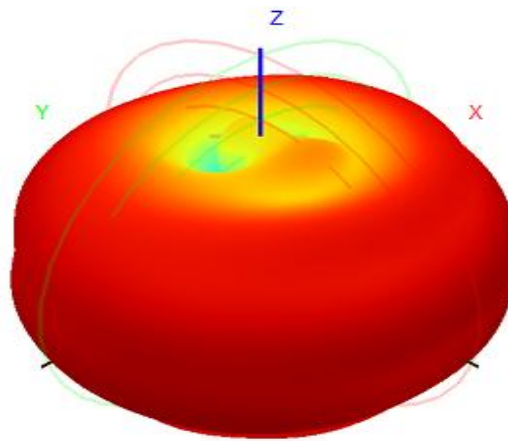
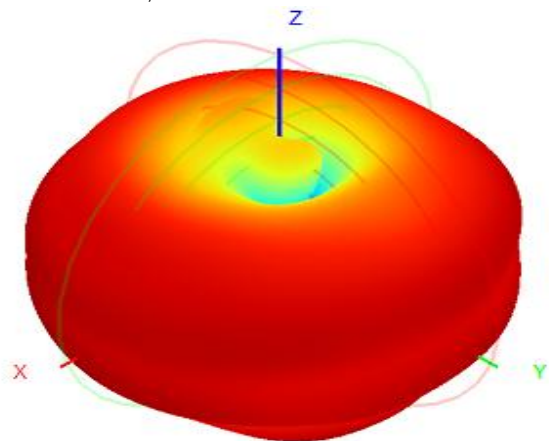
5250.0MHz H+V, Eff: 53.6%

Back View



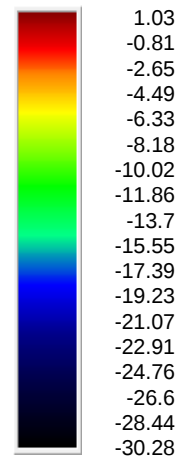
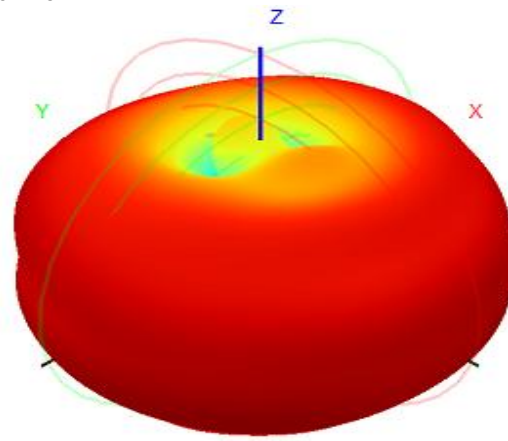
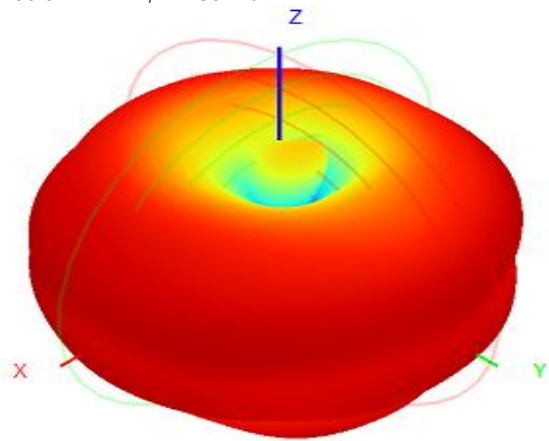
5270.0MHz H+V, Eff: 54.8%

Back View



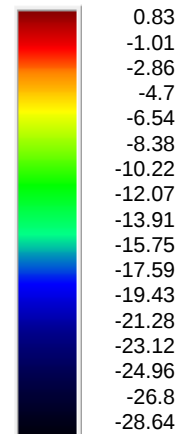
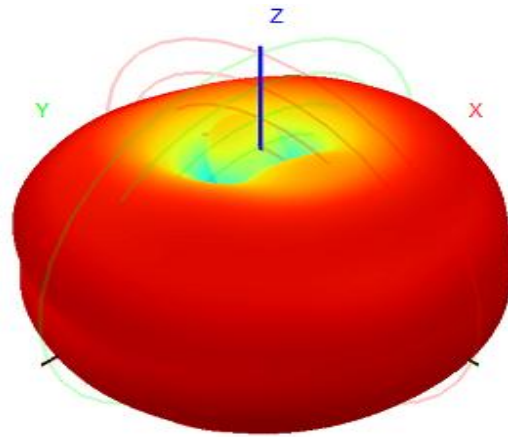
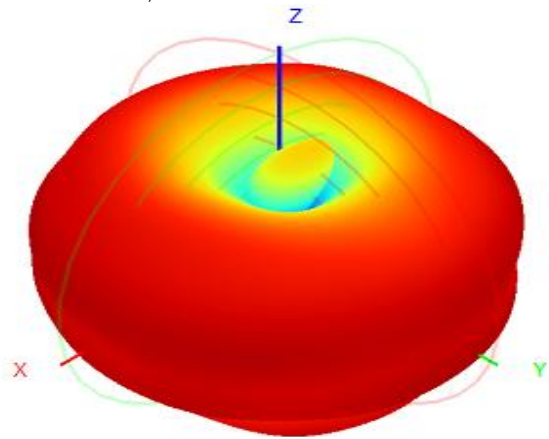
5290.0MHz H+V, Eff: 56.2%

Back View



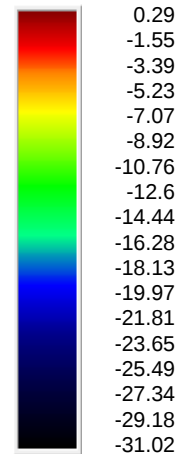
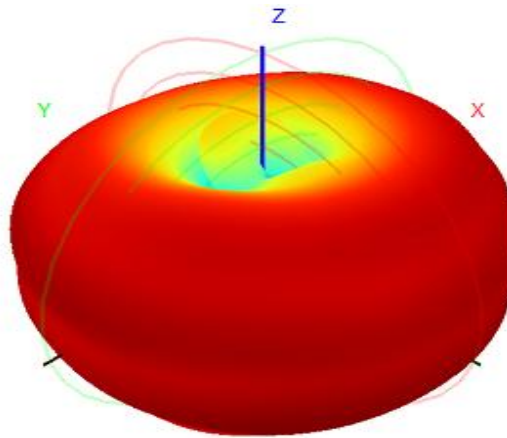
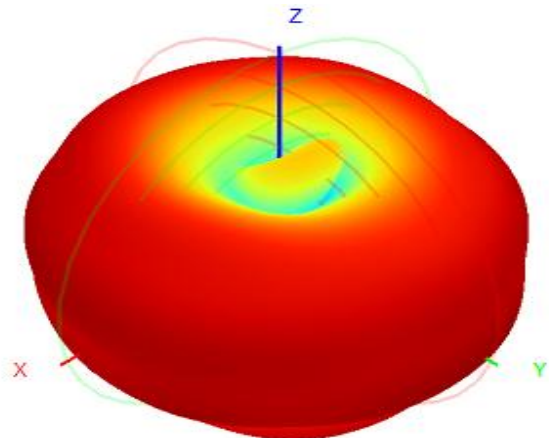
5310.0MHz H+V, Eff: 52.3%

Back View



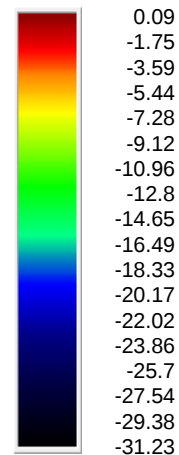
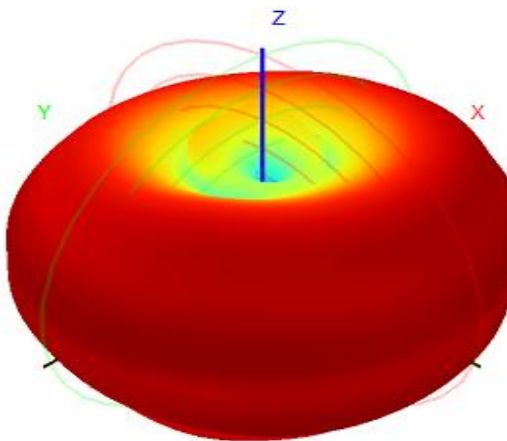
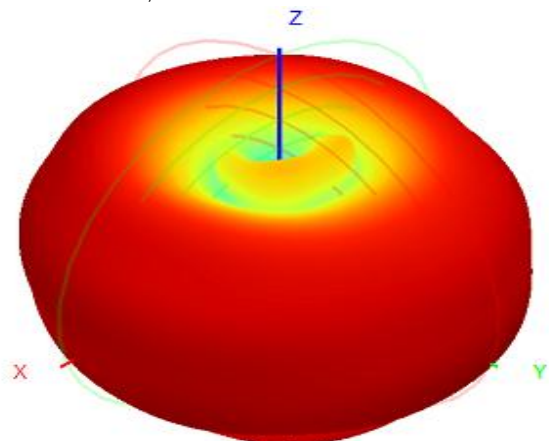
5330.0MHz H+V, Eff: 51.3%

Back View



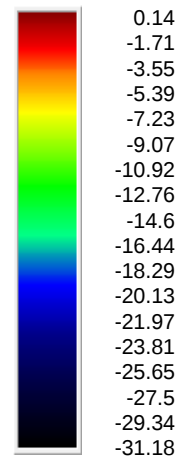
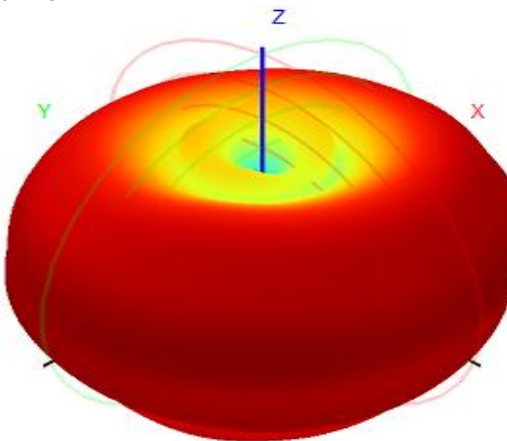
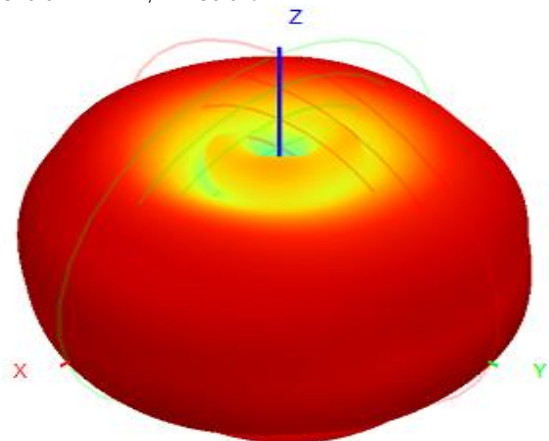
5350.0MHz H+V, Eff: 55.0%

Back View



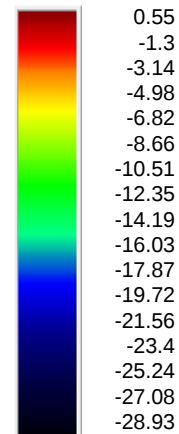
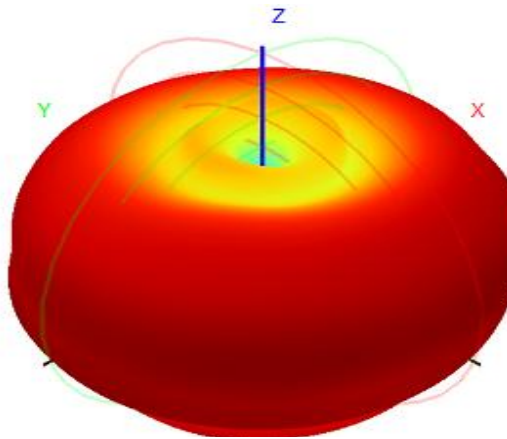
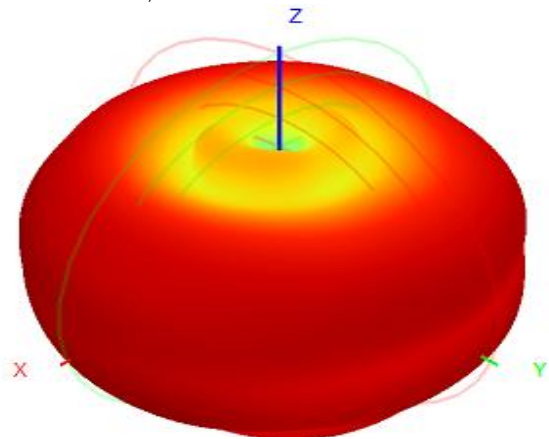
5370.0MHz H+V, Eff: 56.0%

Back View



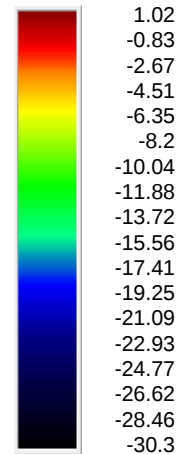
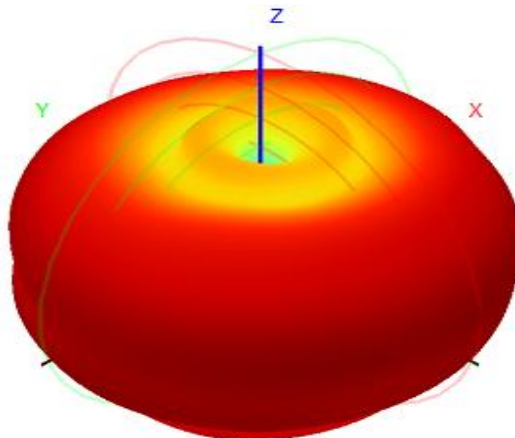
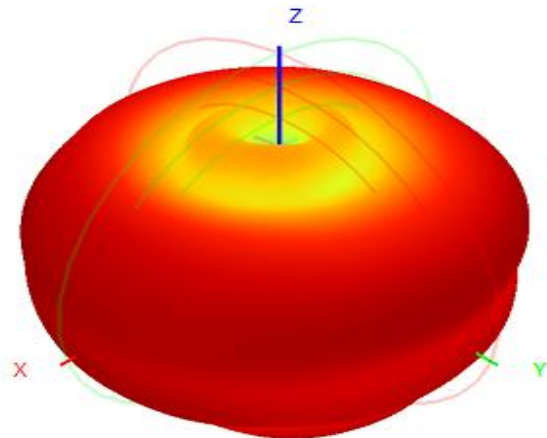
5390.0MHz H+V, Eff: 58.4%

Back View



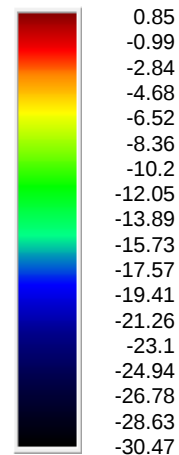
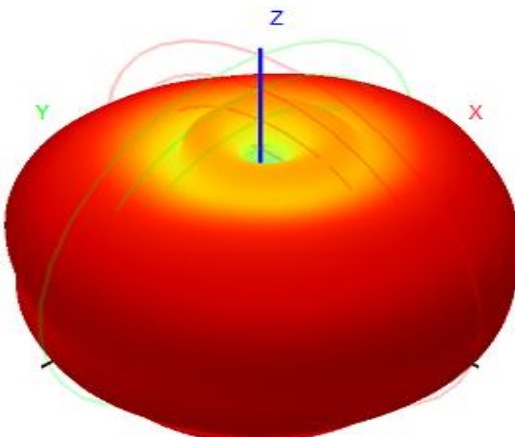
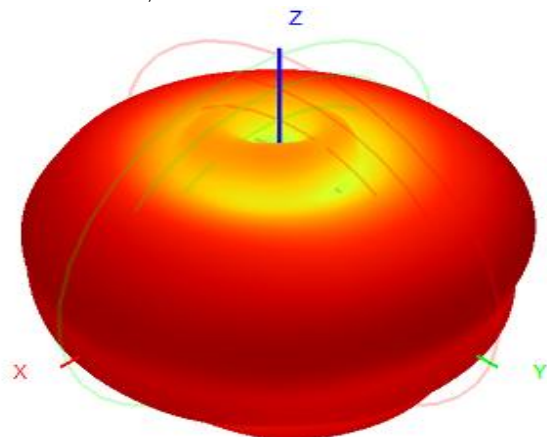
5410.0MHz H+V, Eff: 62.8%

Back View



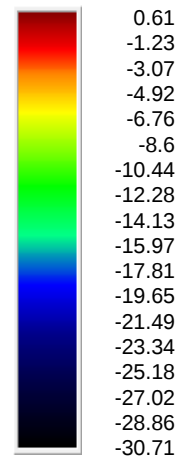
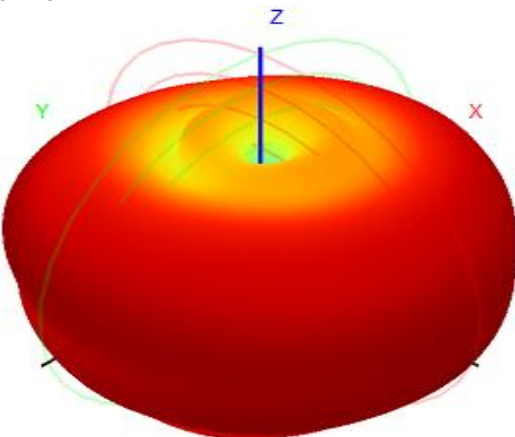
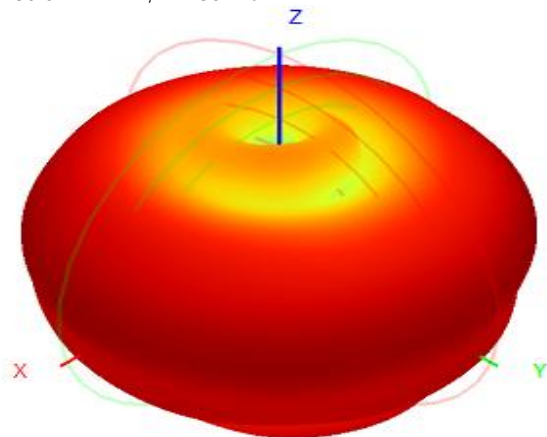
5430.0MHz H+V, Eff: 61.3%

Back View



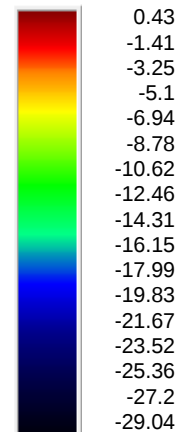
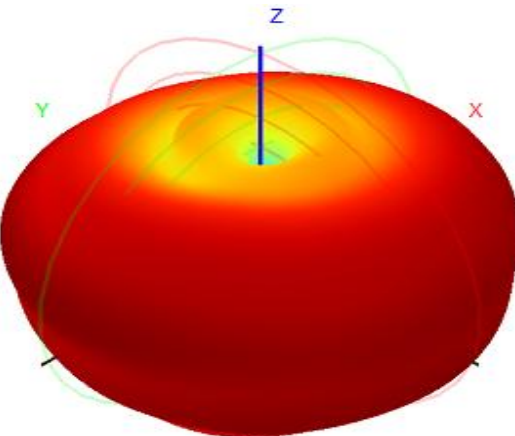
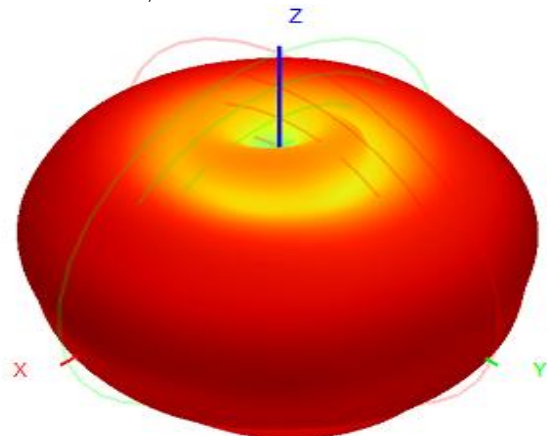
5450.0MHz H+V, Eff: 56.7%

Back View



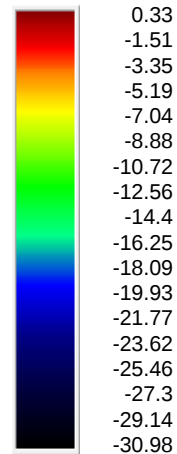
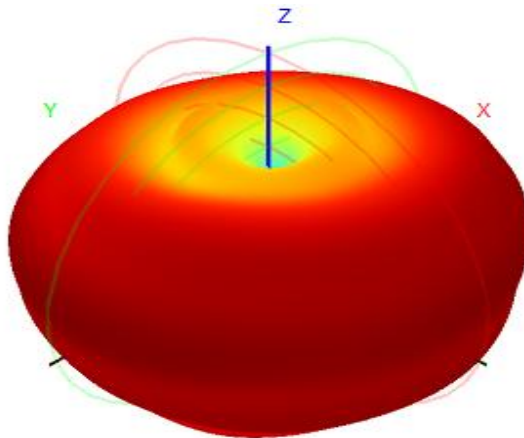
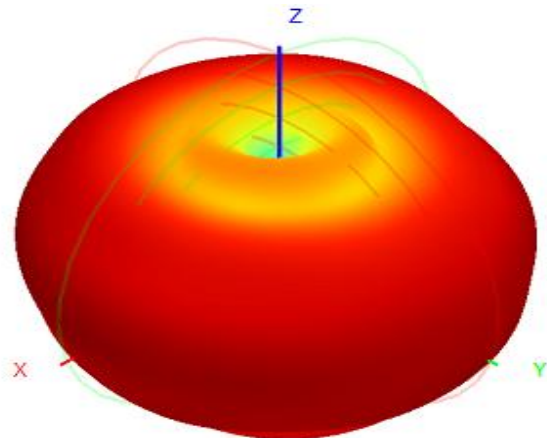
5470.0MHz H+V, Eff: 57.5%

Back View



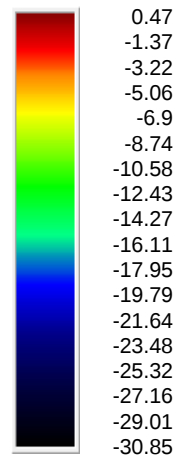
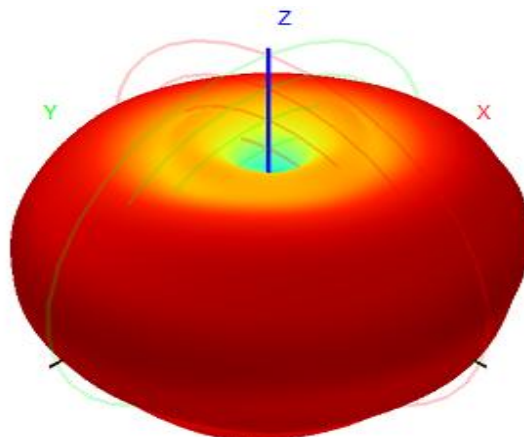
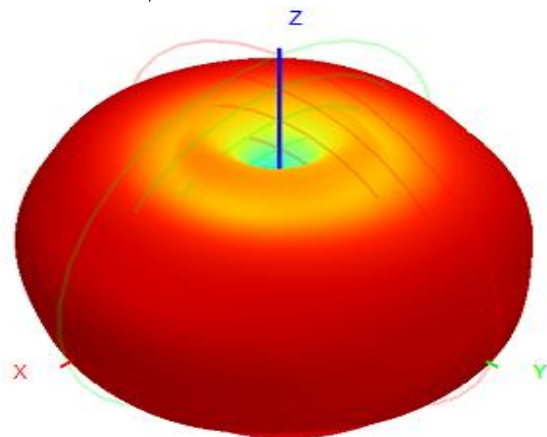
5490.0MHz H+V, Eff: 57.3%

Back View



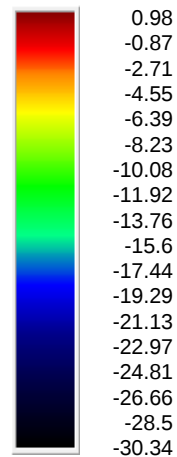
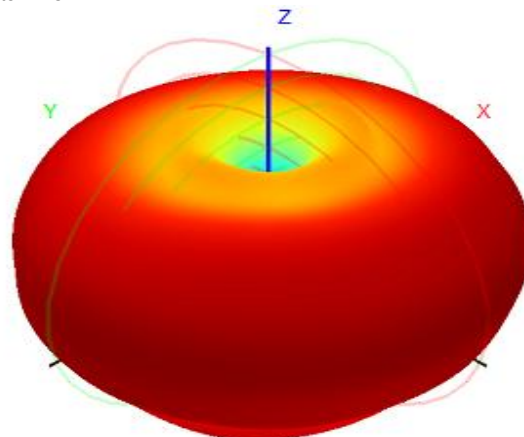
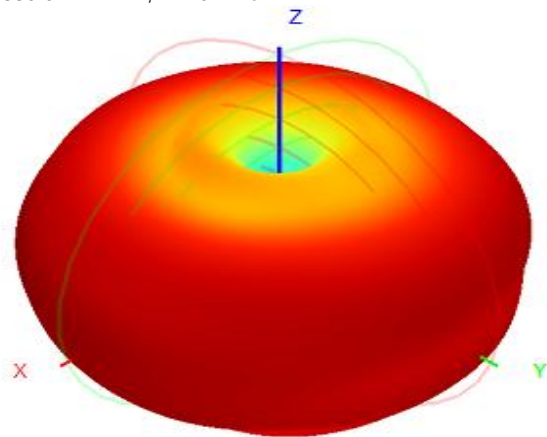
5510.0MHz H+V, Eff: 57.3%

Back View



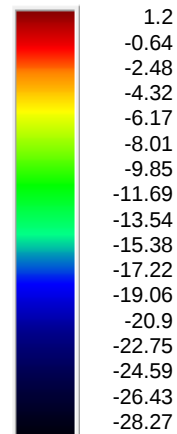
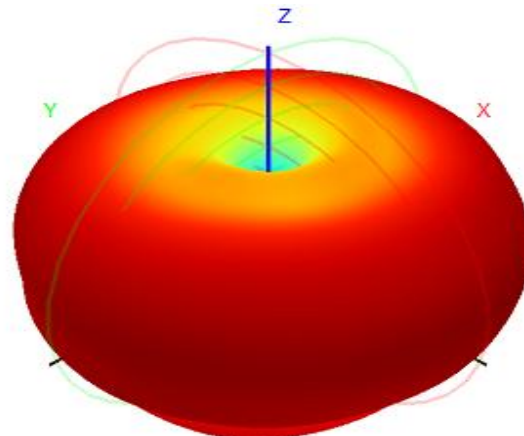
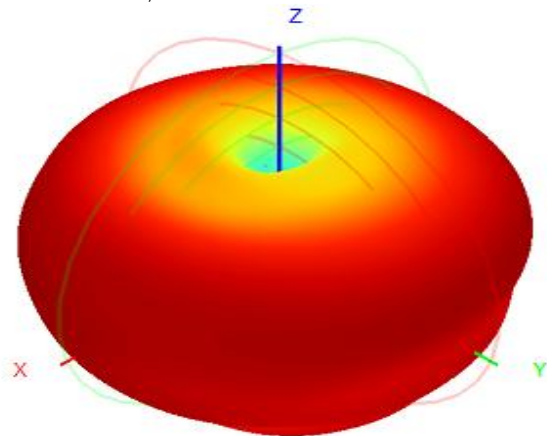
5530.0MHz H+V, Eff: 62.1%

Back View



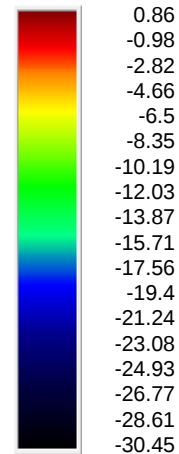
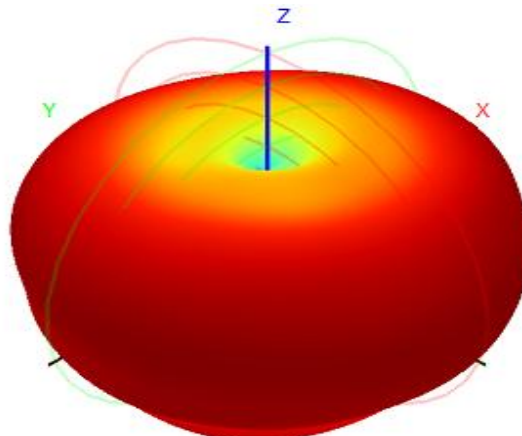
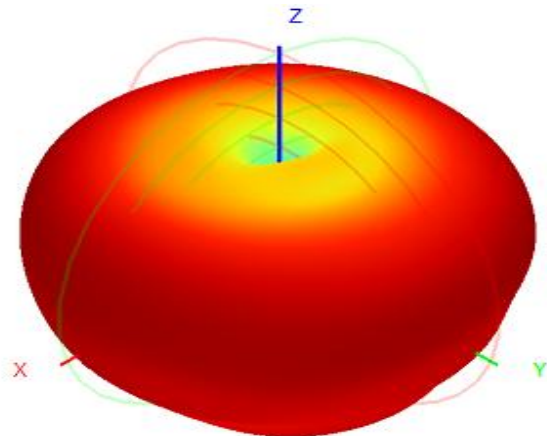
5550.0MHz H+V, Eff: 63.4%

Back View



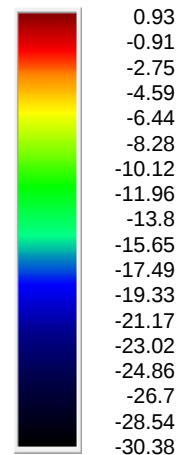
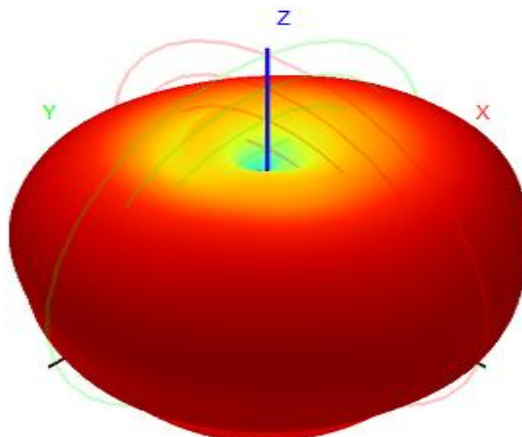
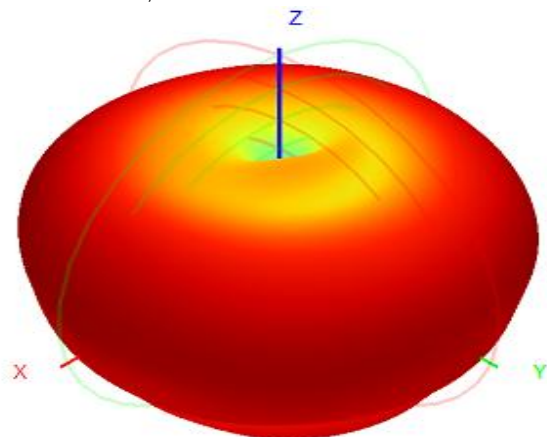
5570.0MHz H+V, Eff: 60.5%

Back View



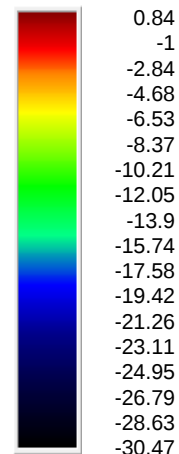
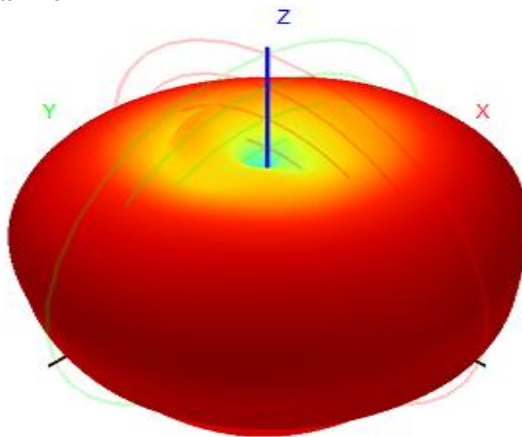
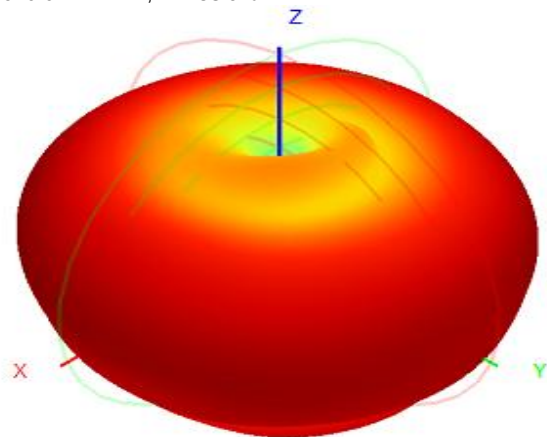
5590.0MHz H+V, Eff: 62.0%

Back View



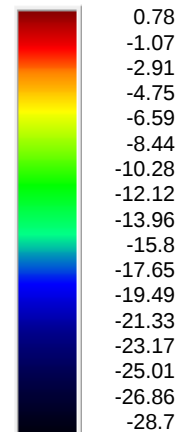
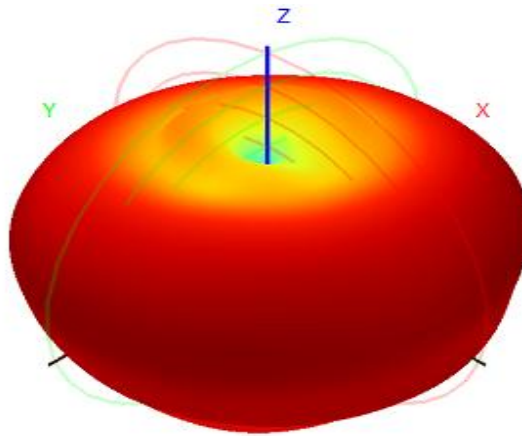
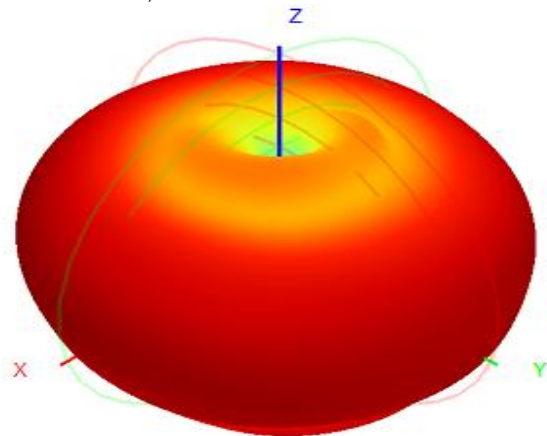
5610.0MHz H+V, Eff: 58.9%

Back View



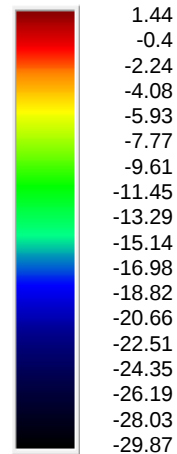
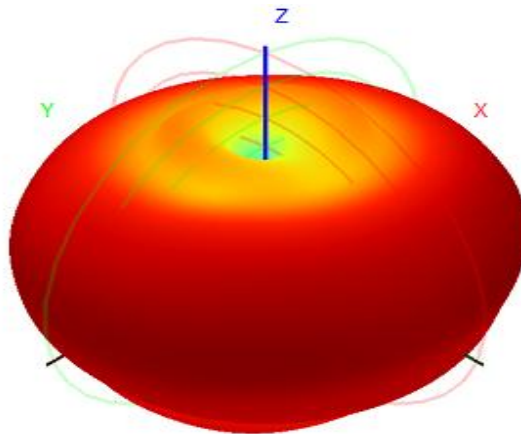
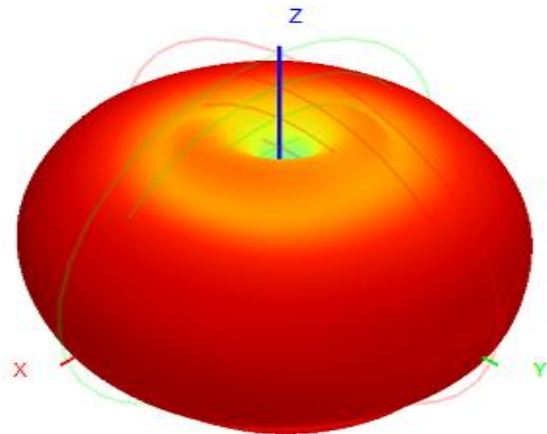
5630.0MHz H+V, Eff: 57.3%

Back View



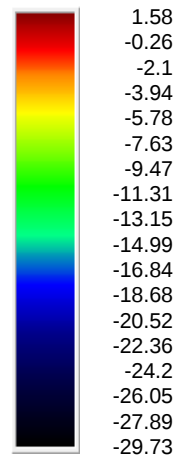
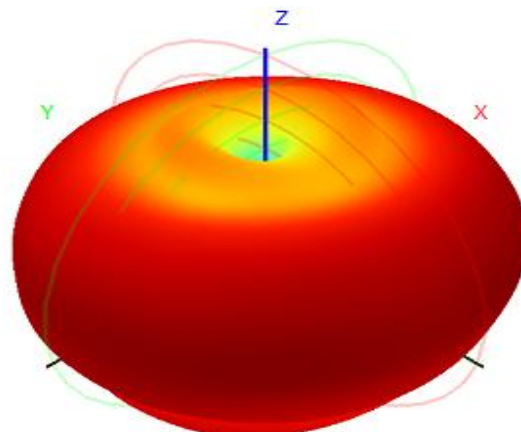
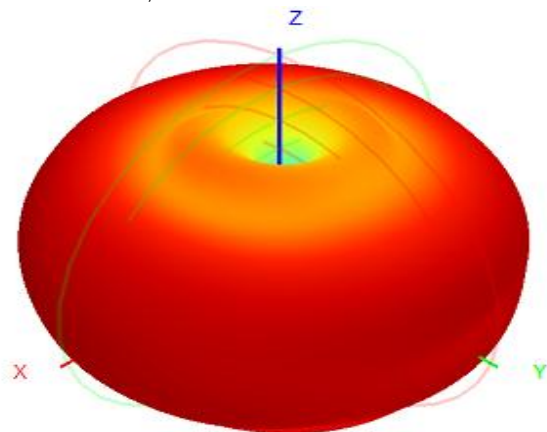
5650.0MHz H+V, Eff: 65.1%

Back View



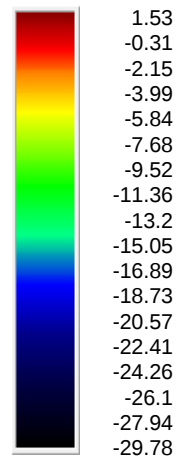
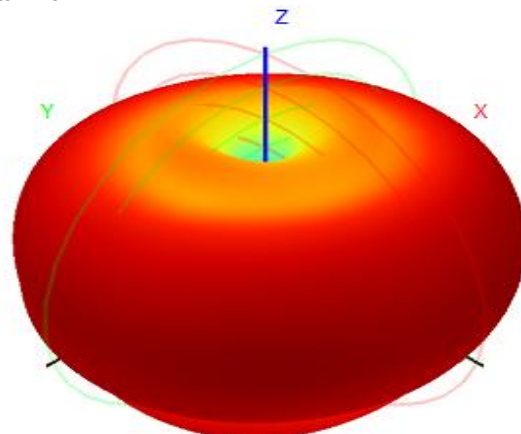
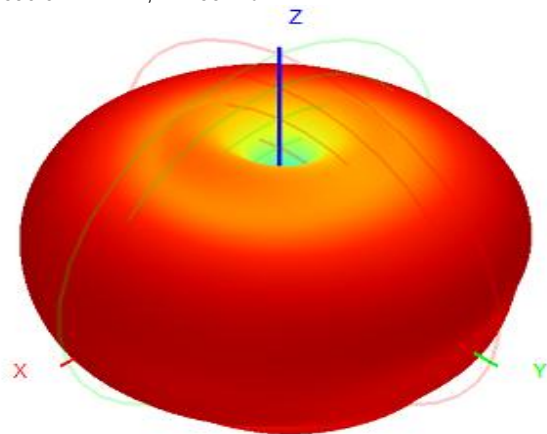
5670.0MHz H+V, Eff: 66.2%

Back View



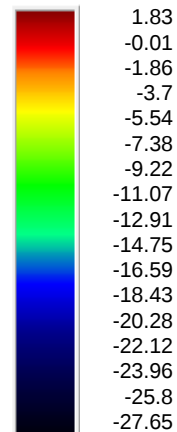
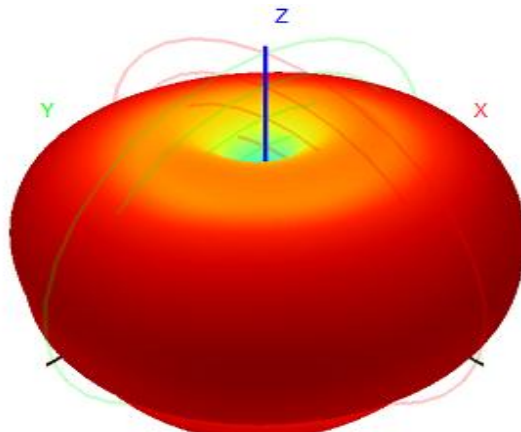
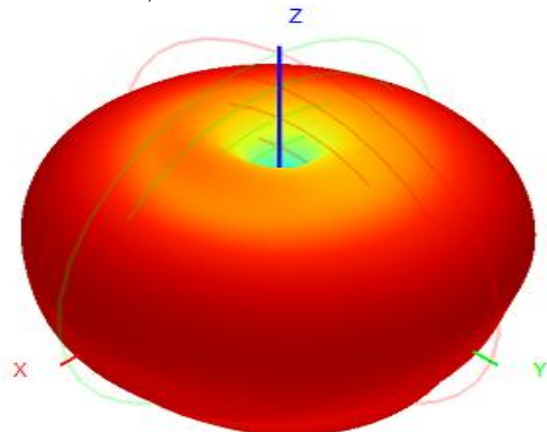
5690.0MHz H+V, Eff: 66.2%

Back View



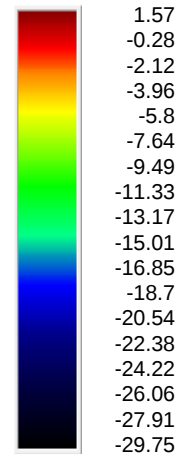
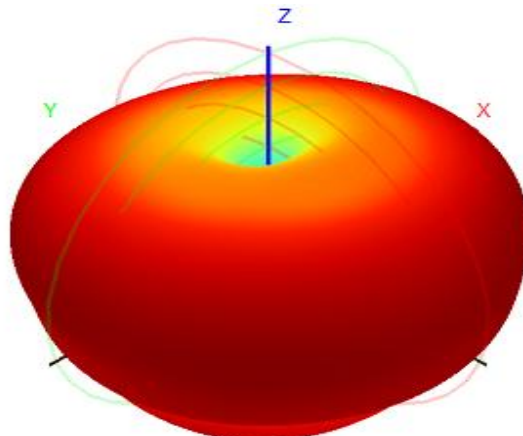
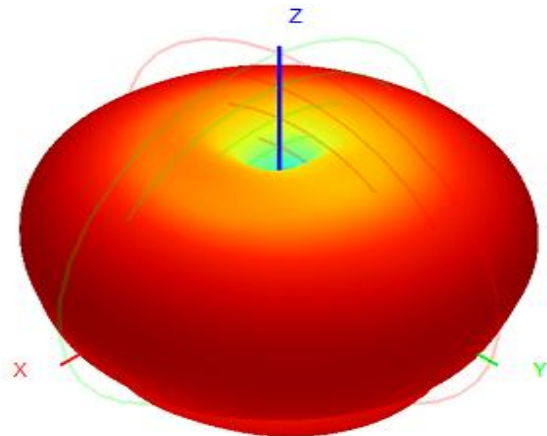
5710.0MHz H+V, Eff: 71.9%

Back View



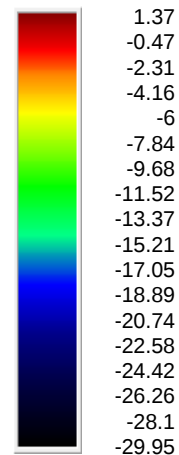
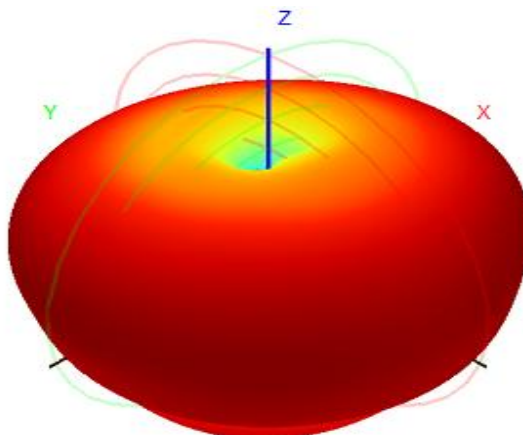
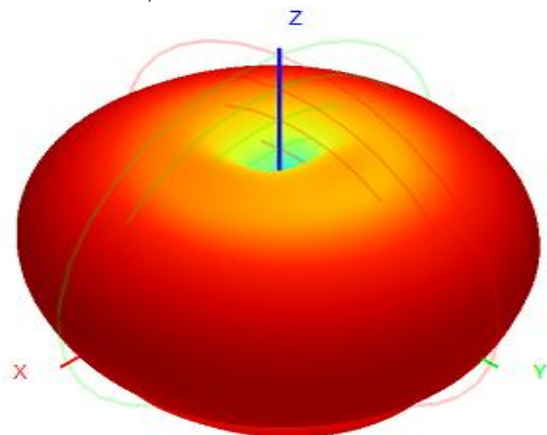
5730.0MHz H+V, Eff: 68.3%

Back View



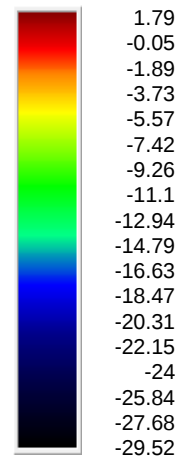
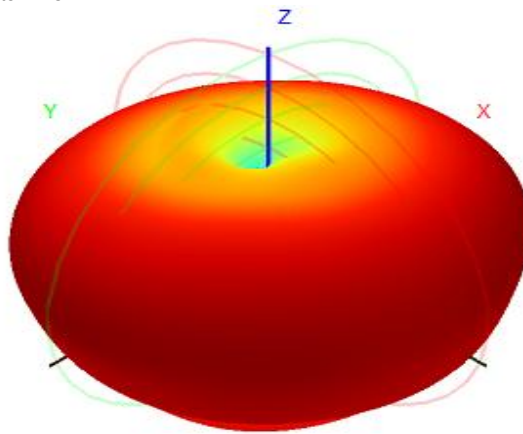
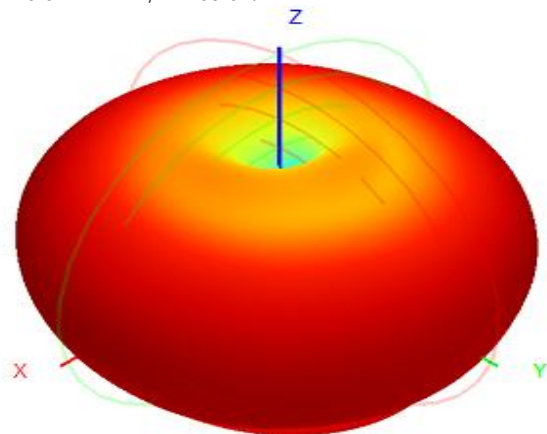
5750.0MHz H+V, Eff: 65.7%

Back View



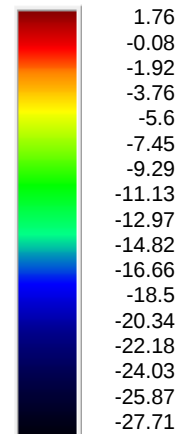
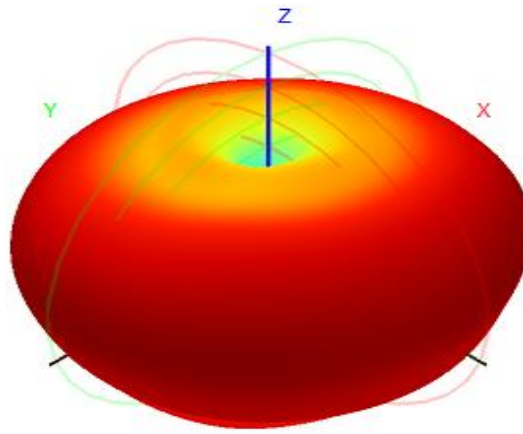
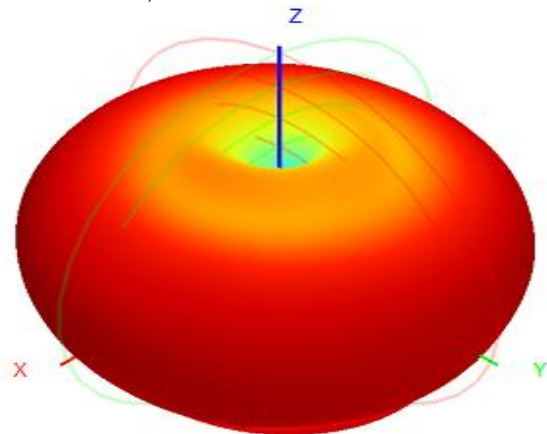
5770.0MHz H+V, Eff: 69.6%

Back View



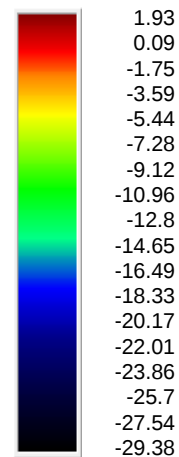
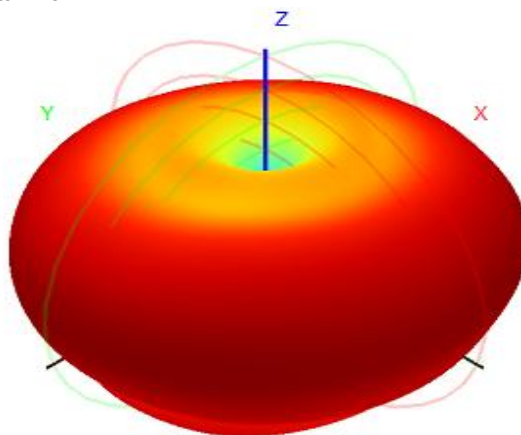
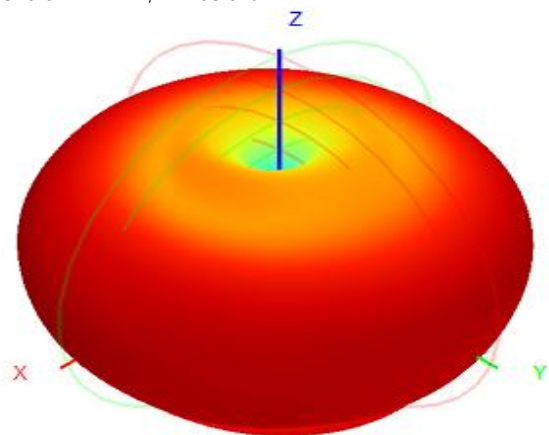
5790.0MHz H+V, Eff: 67.3%

Back View



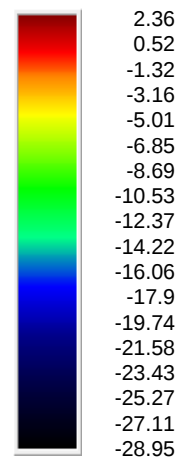
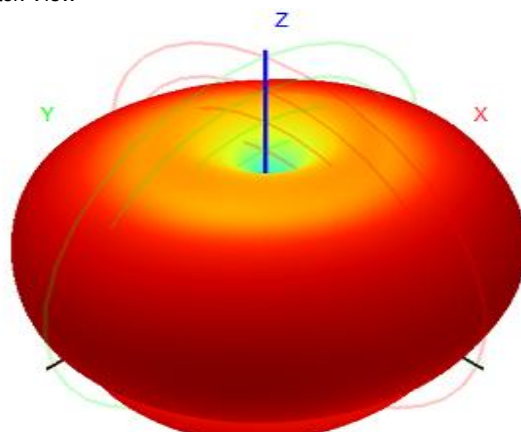
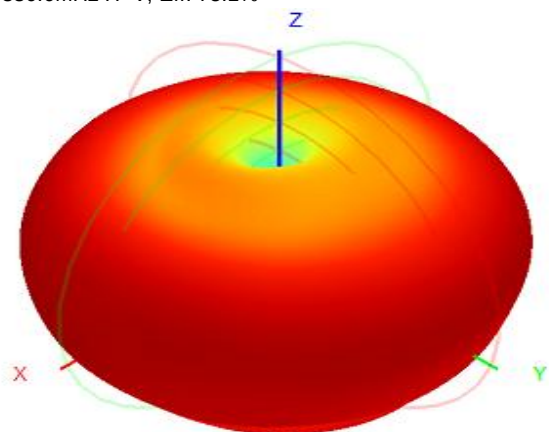
5810.0MHz H+V, Eff: 68.9%

Back View



5830.0MHz H+V, Eff: 75.1%

Back View



5850.0MHz H+V, Eff: 74.4%

Back View

