

Antenna Specification

1、产品技术指标（SPECIFICATIONS）

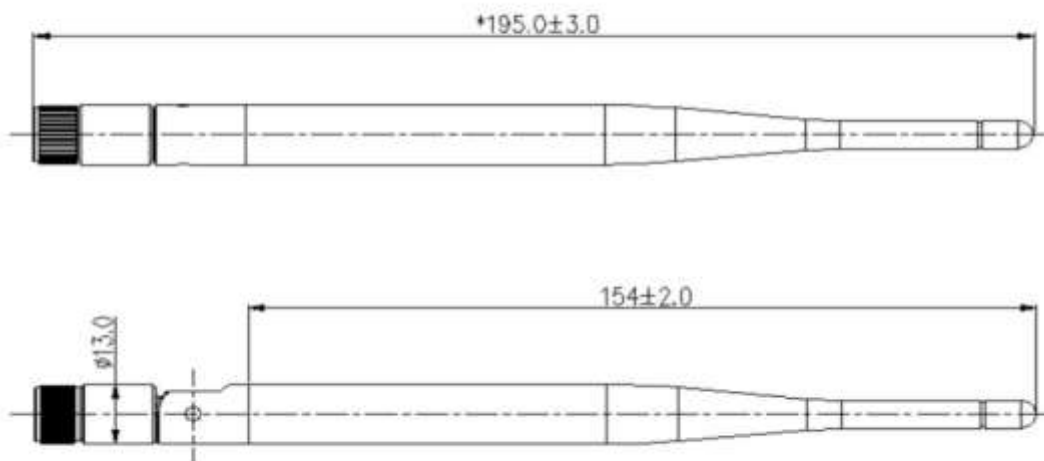
Specifications	
型号 Model Number	MS-2.4G-TP1
天线类型 Antenna Type	Dipole Antenna
频率范围 Frequency Range (MHz)	2400-2500
频带宽度 Bandwidth (MHz)	6
输入阻抗 Input Impedance (Ω)	50
电压驻波比 V.S.W.R	≤ 1.5
增益 Gain (dBi)	2
最大输入功率 Max Input Power (w)	50
天线长度 Antenna Length (mm)	35mm
连接器型号 Connect Type	SMA male
外壳颜色 Radome Color	黑色 Black
制造商 Manufacturer	Shenzhen Kexin Wireless Technology Co., Ltd
地址 Address	Room 301, Building H, Shabeili Hongyongli Industrial Zone, Longxin Community, Baolong Street, Longgang District, Shenzhen City, Guangdong Province, China

2、产品图片 (PICTURE)



3、产品规格图 (DRAWING)

单位: mm 比例: 1:1



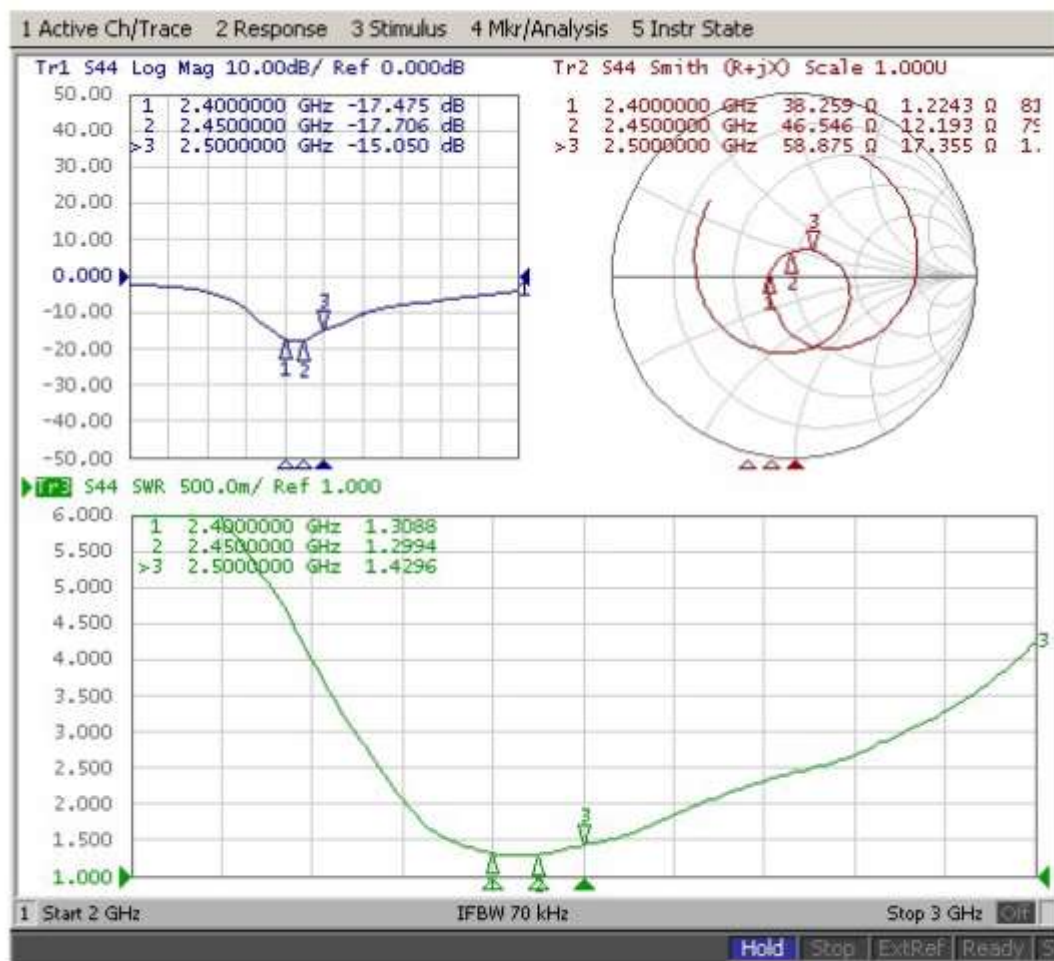
4、机械性能（MECHANICAL CHARACTERISTICS）

1	摇摆测试 BENDING TEST	放离接头 30CM 的线端上荷重 120g， 固定接头后进行遥摆测试，遥摆角度左 右各 60 度，遥摆 1000 次后测试特性。 Put load 120g to 30cm cable from the end of the connector, fixed joints, swaying test at an angle of 60 degrees , test features after 1000 times	特性无任何现象显 示电器性能之损坏。 after 1000 times test no visible damage
2	强度测试 STRENG TEST	一个 15 磅之静负荷施加放线端底部持 续一分钟。 Put 15pounds static load to the end of the cable continue 1 minute	无任何现象显示机 械及电器性能之损 坏。 After test no visible damage
3	振动测试 VIBRATION TEST	以 1.10mm 和振幅和 33.30Hz/sec 振动频 率以 X 轴方向振动 120 分钟, Y 轴方向 振动 120 分钟, Z 轴方向振动 240 分钟。 the X-axis direction for 120 minutes, and the Y-axis direction 120 minutes, the Z-axis direction 240 minutes as vibration testing of 1.1mm amplitude and 33.30Hz/sec of frequency	无任何现象显示电 器性能之损坏。 After test no visible damage

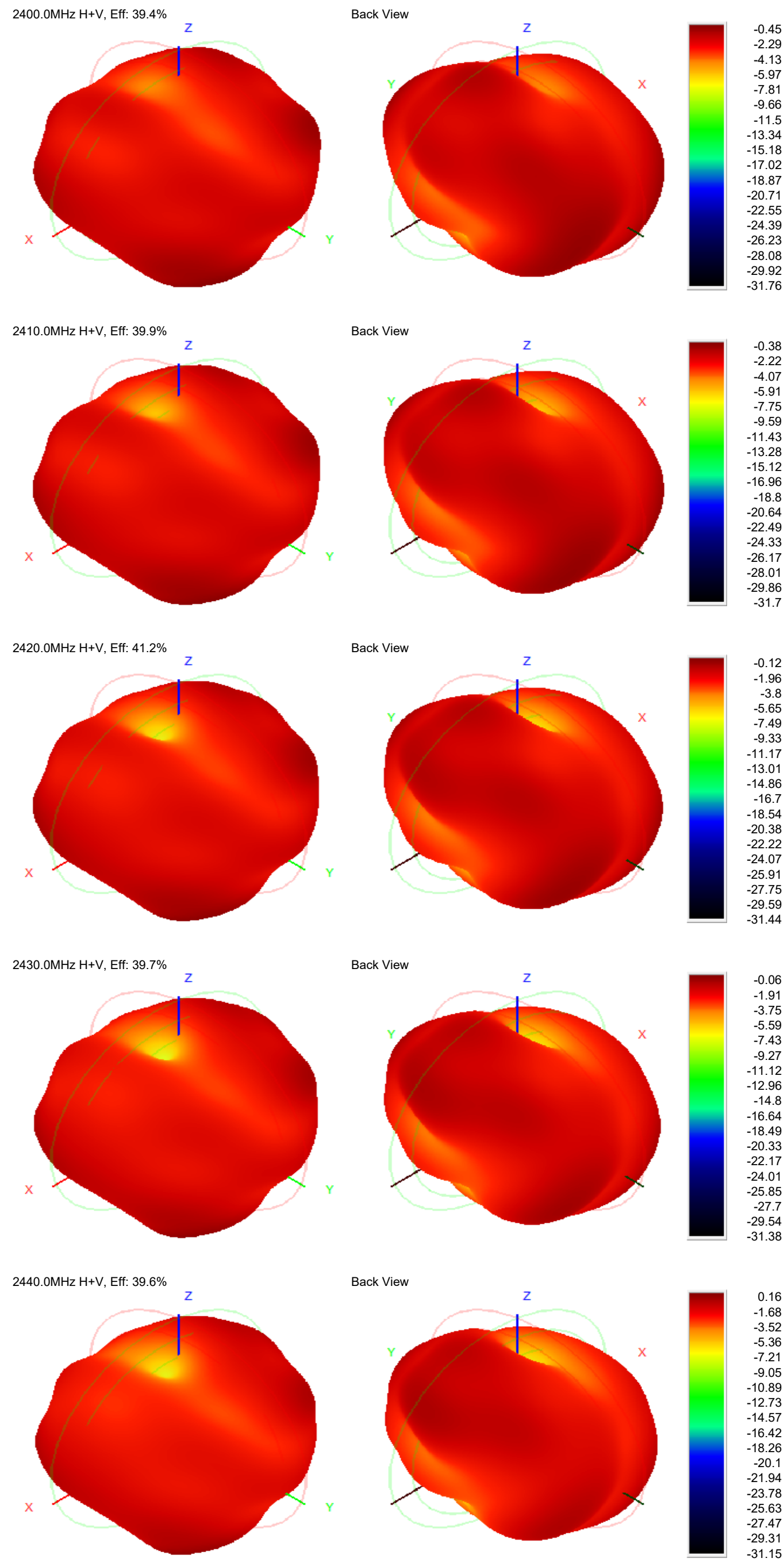
5、耐久性测试（DURABILITY）

1	盐雾试验 SAIT SPRAY TEST	盐水喷雾试验：依 GB1266-86 标准 蒸馏水：一次蒸馏 PH6.5~7 喷雾量：1.4me80cm ² /h 压缩空气压力：1Kgf/ cm ² 试验相对度：98° 温度：45° ~47° 压力温度：35° 测试时间：96hr	所有规格变华范围初始值 30% All characteristic range is 30% of the initial value
2	高温试验 HEAT TEST	在 85+2℃环境中放 96 小时，再放在正常环境中 30 分钟后进行测试 85+2℃ for 96 hours, after keep in normal condition for 30mim the to test.	
3	温试验 HUMIDITY TEST	在 40+2℃ 90-95%RH 环境中放 96 小时，再放在正常环境中 30 分钟后进行测试 40+2℃ 90-95%RH for 96hours, after keep in normal condition for 30mim the to test.	
4	底温试验 COLD TEST	在-40+2℃ 环境中放 96 小时，再置放正常环境中 30 分钟后进行测试 -40+2℃ for 96hours, after keep in normal condition for 30mim the to test.	

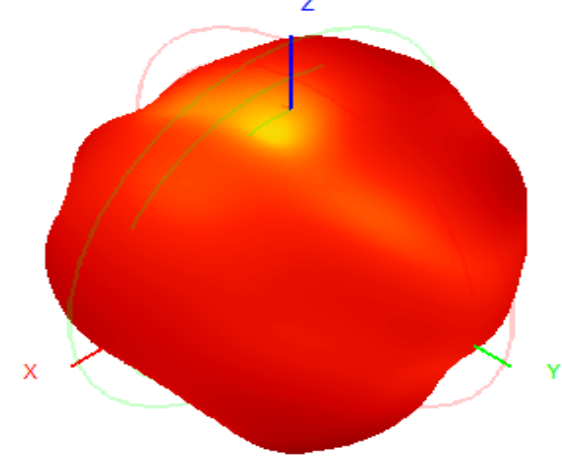
6、驻波图（VSWR）



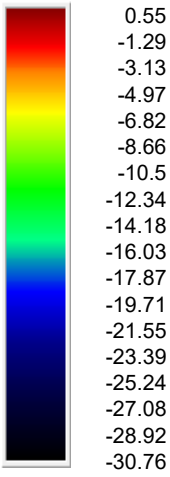
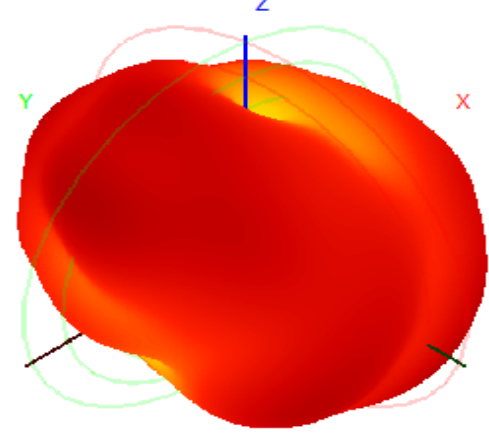
7、辐射图（3D Pattern）



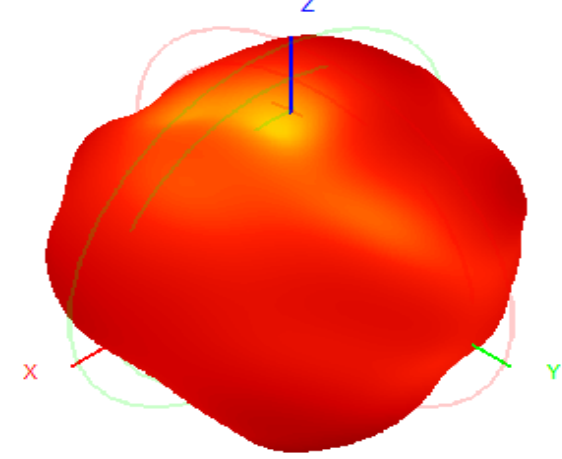
2450.0MHz H+V, Eff: 41.6%



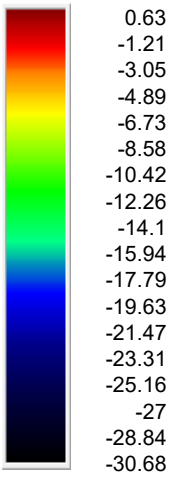
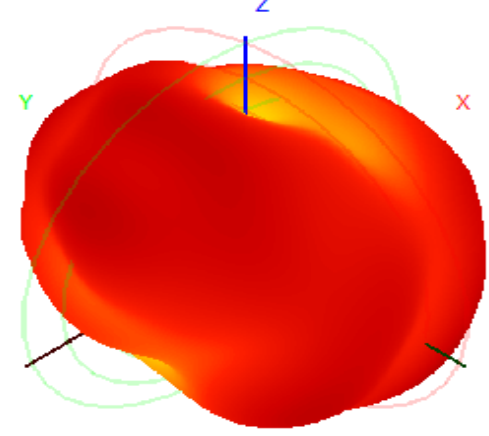
Back View



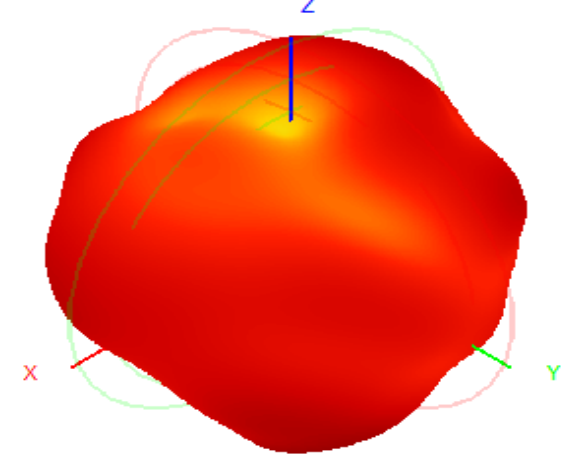
2460.0MHz H+V, Eff: 41.4%



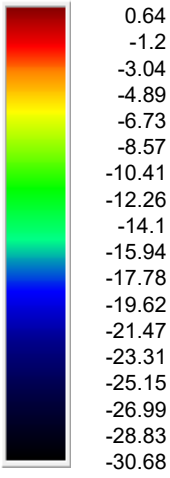
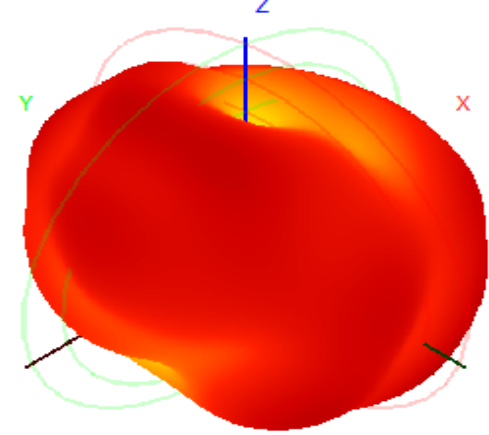
Back View



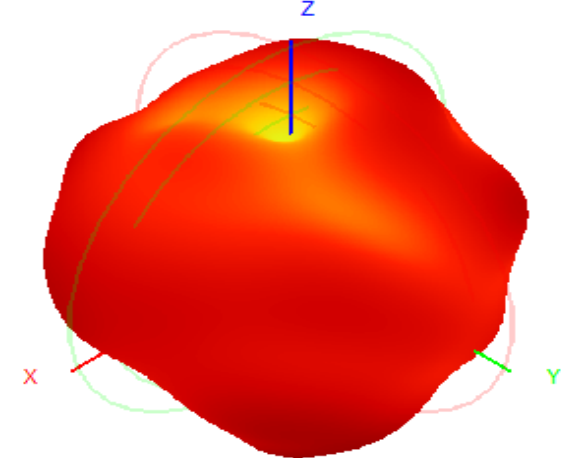
2470.0MHz H+V, Eff: 41.8%



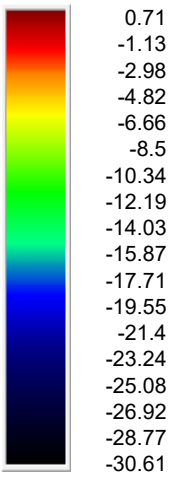
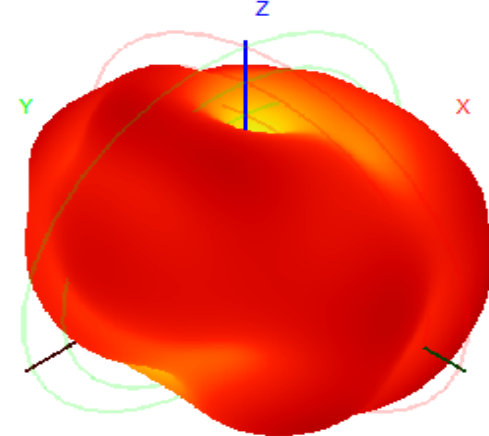
Back View



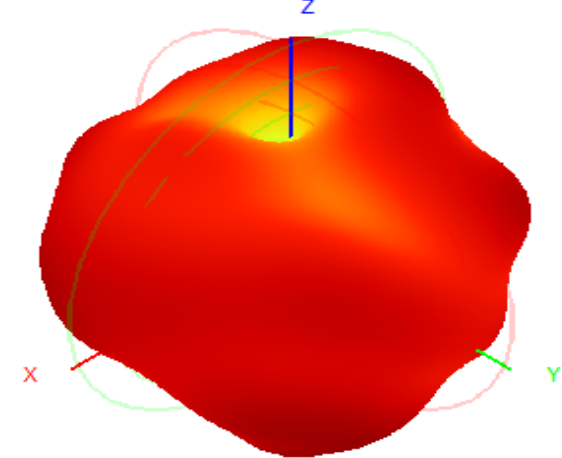
2480.0MHz H+V, Eff: 44.0%



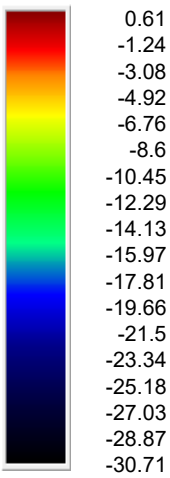
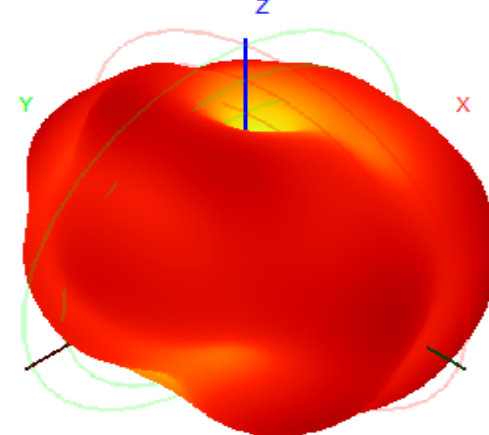
Back View



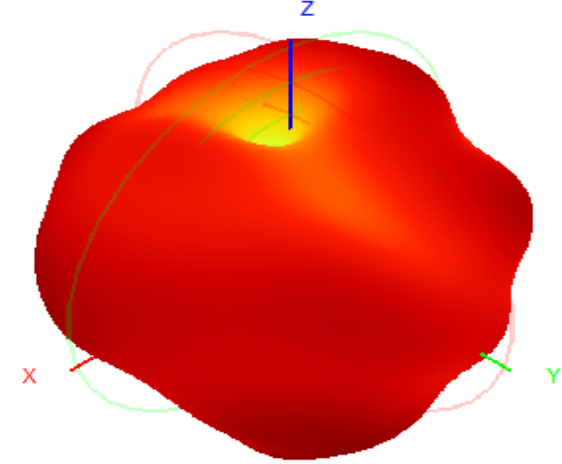
2490.0MHz H+V, Eff: 45.8%



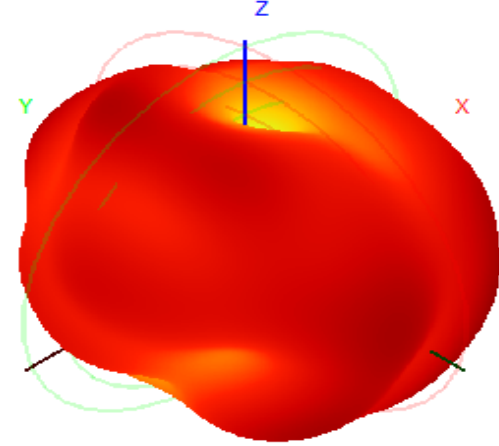
Back View



2500.0MHz H+V, Eff: 48.3%



Back View



- 0.47
- 1.37
- 3.21
- 5.05
- 6.9
- 8.74
- 10.58
- 12.42
- 14.26
- 16.11
- 17.95
- 19.79
- 21.63
- 23.48
- 25.32
- 27.16
- 29
- 30.84