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# 产品规格书

PRODUCT SPECIFICATION SHEET

物料名称

APPELLATION: 2.4G Antenna

产品型号

PART NUMBER: YXS-ANT057



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1、 产品技术指标 (PRODUCT TECHNICAL SPECIFICATION)

<b>电性能指标 Electrical Specifications</b>	
频率范围 Frequency Range (MHz)	2400-2500
频带宽度 Bandwidth (MHz)	100
输入阻抗 Input Impedence	Input Impedence ( $\Omega$ ) 50
电压驻波比 V.S.W.R	$\leq 1.7$ 增益 Gain (dBi)
极化形式 Polarization Type	垂直 Vertical
雷电保护 Lightning Protection	直流接地
功率容量 Power Capacity (w)	50
<b>机械指标 Mechanical Specifications</b>	
天线长度 Antenna Length (mm)	50
辐射体 Radiator	铜 Cuprum
连接器型号 Connect Type	RP-SMA-J
工作温度 Working Temp( $^{\circ}\text{C}$ )	-40~60
储藏温度 Storage Temperature( $^{\circ}\text{C}$ )	-20~40
外壳颜色 Radome Color	黑色 Black
外壳材料 Radome Material	TPEE
重量 Weight (g)	7.5

## 2、 产品规格图(PRODUCT SPECIFICATION CHART)

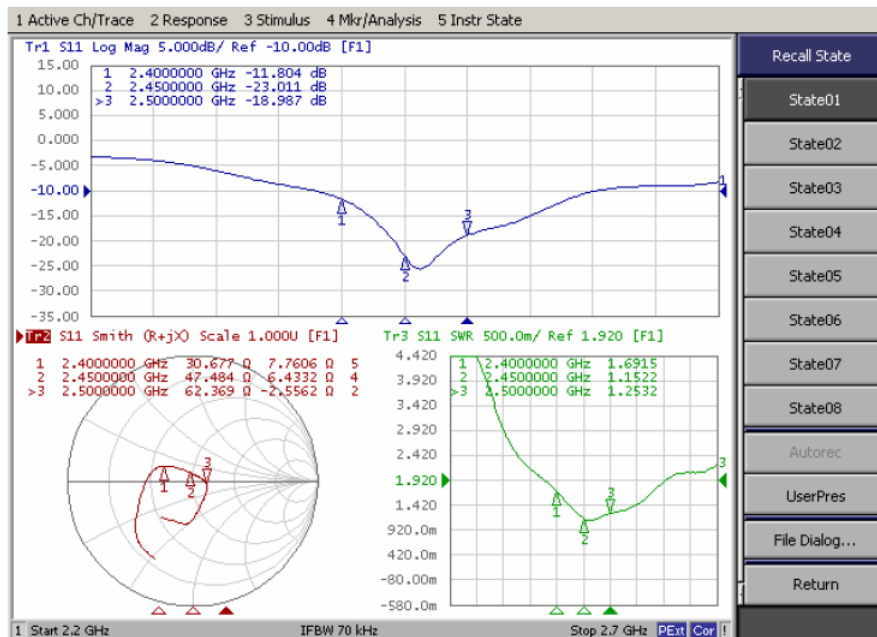
# 2.4G天线



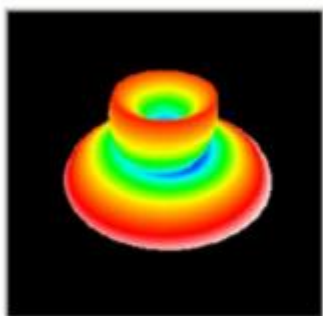
SMA弯头内螺内孔接口

## 3、 测试报告(TEST REPORT)

### Return loss:

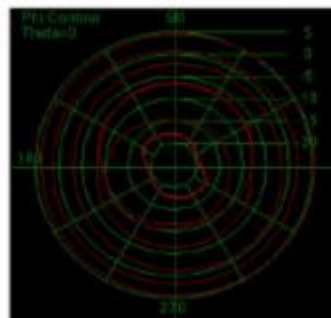


## 2D、3DRaditation Pattern:

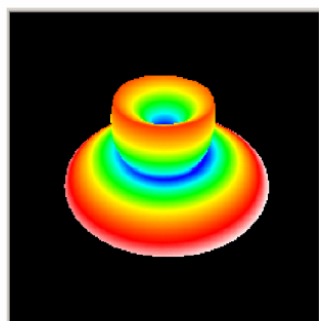


2.4GHz

Gain:1.87

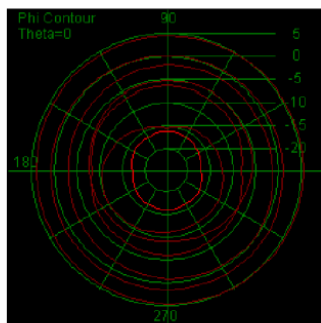


Efficiency:93.5%

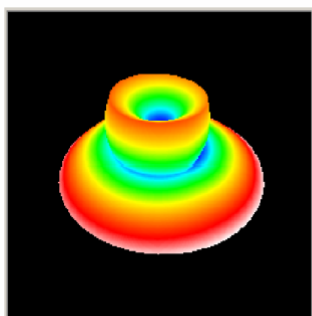
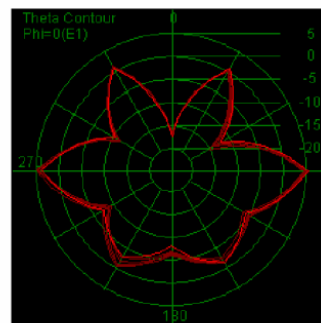


2.45GHz

Gain:1.71dBi

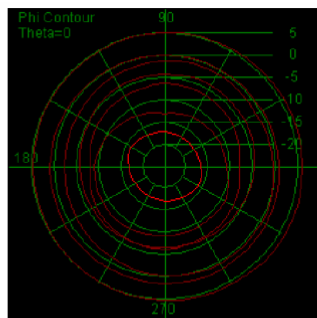


Efficiency:85.5%



2.5GHz

Gain:1.62



Efficiency:81.0%

