

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称 CUSTOMER NAME:

产 品 名 称
PRODUCT NAME: 2.4G 5.42dBi SMA 公头母针白色天线

客 户 料 号
CUSTOMER P/N:

公司料号
P/N: 22S00004A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	钟礼兴	
AUDITOR BY:	郑 磊	
APPROVED BY:	符 进	
DATE:	2023/3/17	

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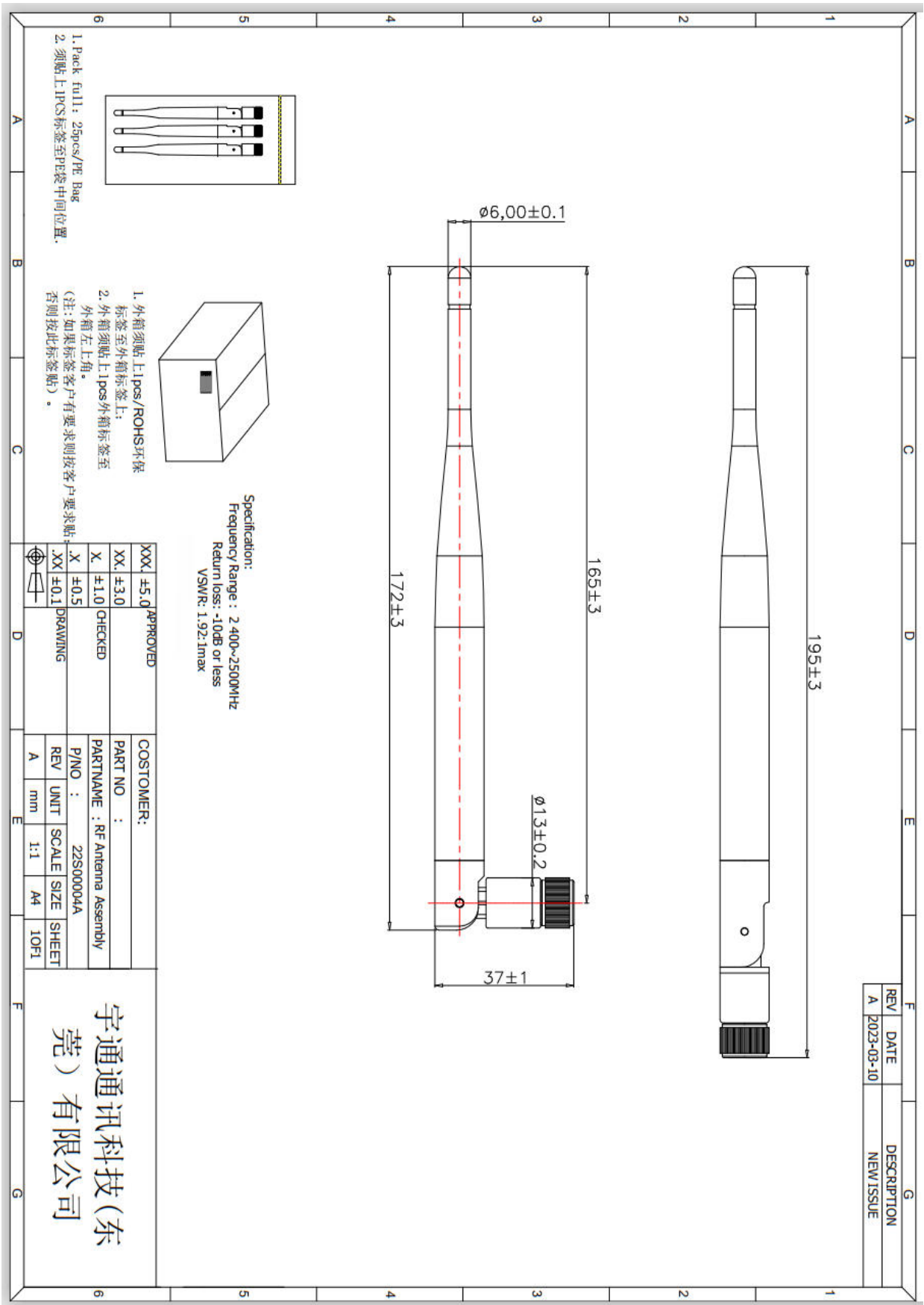
<i>Item</i>	<i>Description</i>
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1. 规格表:

产品主要技术参数

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(Ω)	50 $\pm$ 10	Impedance(Ω)	50 $\pm$ 10
增益(dBi)	5.42	Gain(dBi)	5.42
输出电压 驻波比	≤ 2.0	VSWR	≤ 2.0
最大功率	10W	Admitted Power	10W
极化方式	垂直极化	Polarization	Linear, Vertical
连接方式	SMA	Connector Type	SMA
物理性能		Physical Properties	
天线本体材料	TPEE	Antenna Base	TPEE
工作温度	-20 $^{\circ}$ C~+65 $^{\circ}$ C	Operating Temp	-20 $^{\circ}$ C~+65 $^{\circ}$ C
保存温度	-30 $^{\circ}$ C~+75 $^{\circ}$ C	Storage Temp	-30 $^{\circ}$ C~+75 $^{\circ}$ C

2. 成品图:

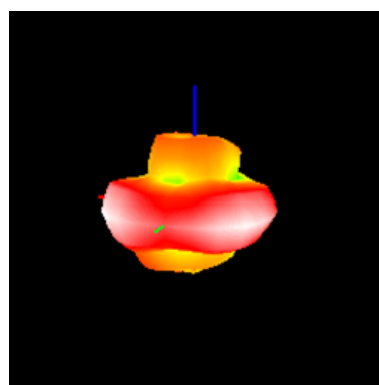


3. 测试报告

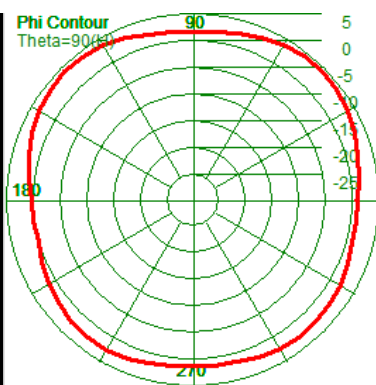
3.1: 网络分析仪测试报告



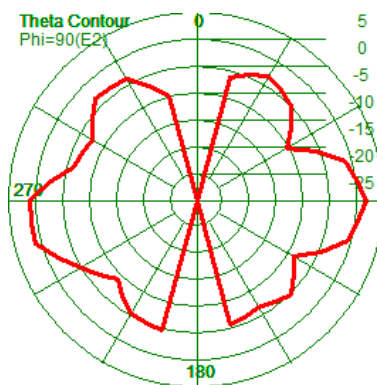
3.2: 暗室 2D、3DRaditation Pattern



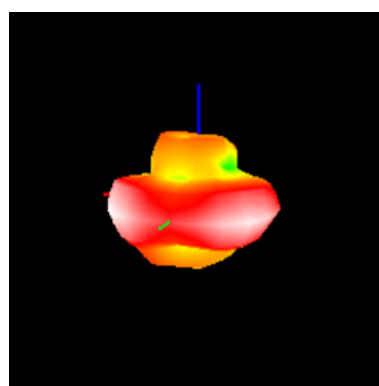
2.4GHz



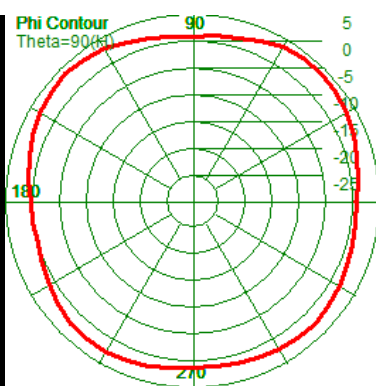
Peak Gain: 5.34dBi



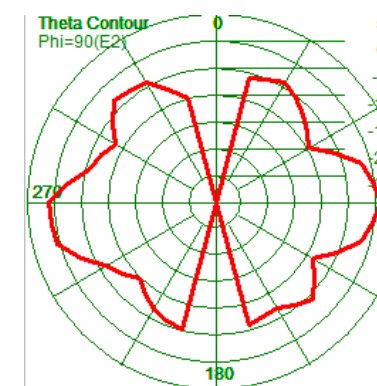
Efficiency: 71.48%



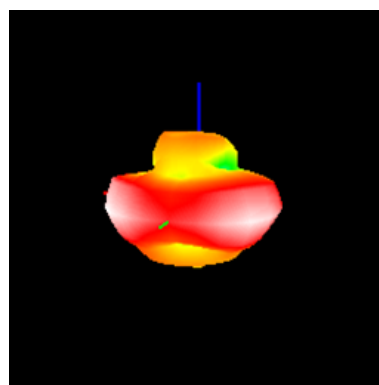
2.45GHz



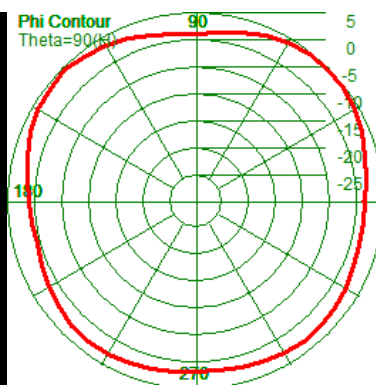
Peak Gain: 5.42dBi



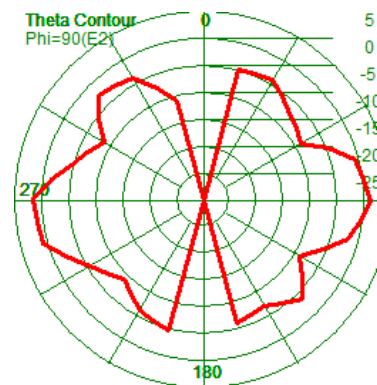
Efficiency: 74.21%



2.5GHz



Peak Gain: 5.40dBi



Efficiency: 70.16%