

Shenzhen Ronghua Communication Co., Ltd.

Address: Dake Kang Community, Yuanshan Subdistrict, Longgang District, Shenzhen City

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

2.4G built-in copper tube black 1.13 ring strip antenna -130mm

PRODUCT

NAME:

2.4G内置铜管黑色1.13环剥天线-130mm

客 户 料 号

CUSTOMER

P/N:

11000248

电子料号

P/N:

REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2020-4-1	

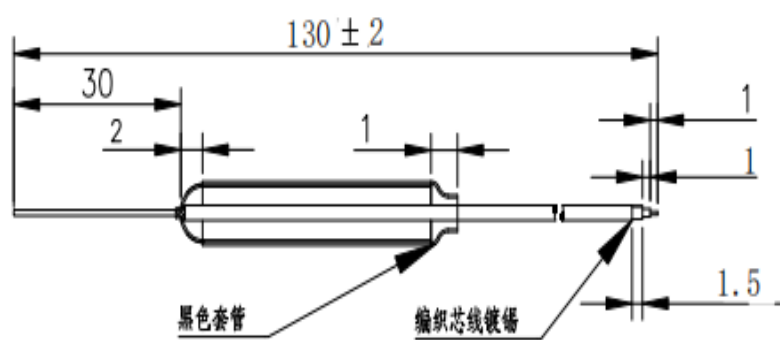
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1. 规格表:
specification table :
产品主要技术参数
Product main technical parameters

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	Impedance(Ω)	50
增益(dBi)	2.31	Gain(dBi)	2.31
输出电压 驻波比	≤1.92	VSWR	≤1.92
最大功率	10W	Admitted Power	10W
极化方式	垂直极化	Polarization	Linear,Vertical
连接方式	同轴线	Connector Type	RF Cable
物理性能		Physical Properties	
天线本体材料	黄铜	Antenna Base	黄铜
工作温度	-20℃~+65℃	Operating Temp	-20℃~+65℃
保存温度	-30℃~+75℃	Storage Temp	-30℃~+75℃

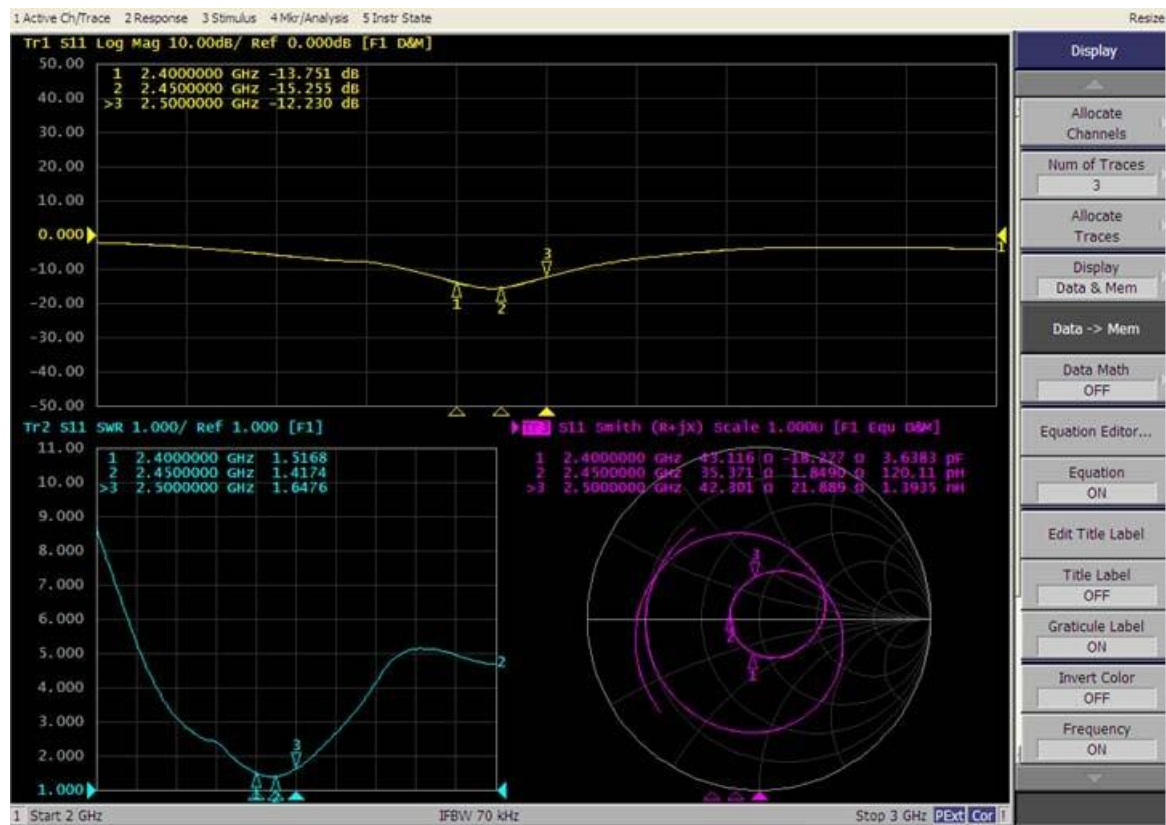
2. 成品图:
Finished drawing :



$\Phi 4 \times 23$ 子弹头铜管
600V 24mm

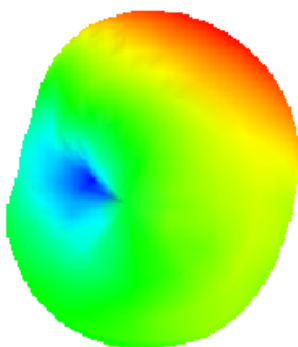
3. 测试报告 test report

3.1: 网络分析仪测试报告 Network analyzer test report



3.2: 暗室 2D、3DRaditation Pattern(整机数据)

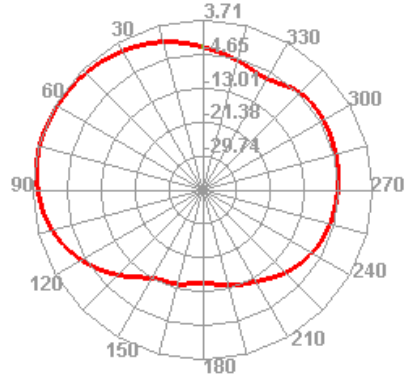
2400.000MHz



2.4GHz

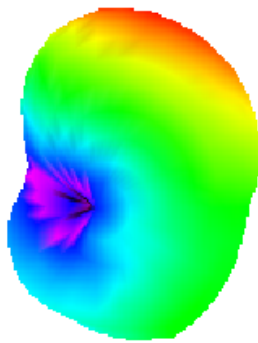
Gain: 2.12dBi

2400.000MHz H



Efficiency:53.12%

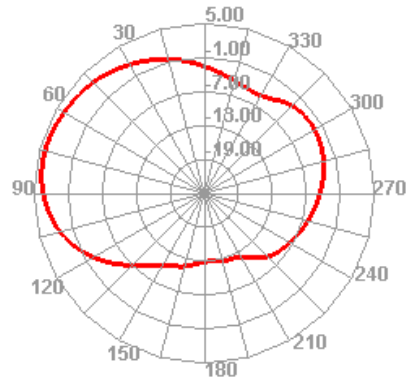
2450.000MHz



2.45GHz

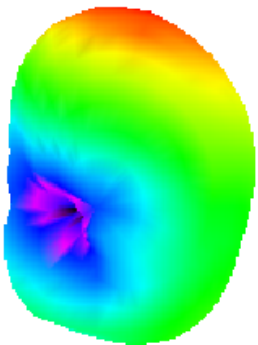
Gain: 2.31dBi

2450.000MHz H



Efficiency: 55.47%

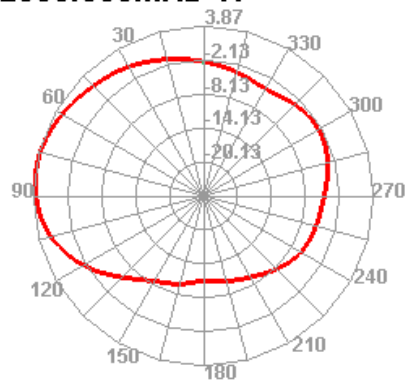
2500.000MHz



2.5GHz

Gain: 2.25dBi

2500.000MHz H



Efficiency: 54.15%