

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2.4G built-in copper tube black 1.13 loop stripping antenna - 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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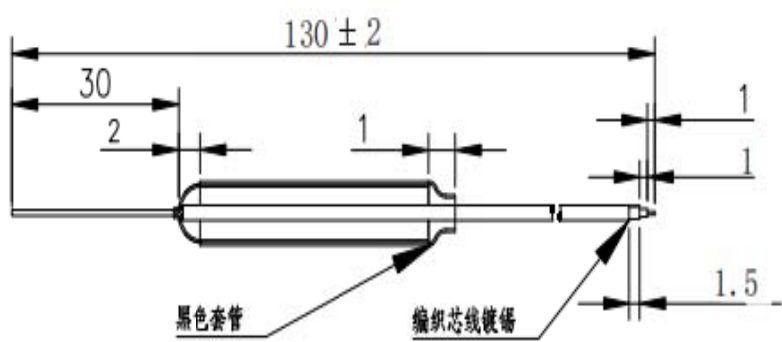
<i>Item</i>	<i>Description</i>
1	Specification Sheet
2	Finished product drawing
3	Test report

1. Specification Sheet:

Main technical parameters of the product

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±0.5	Gain(dBi)	2±0.5
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	Brass brass
工作温度	-20℃~+65℃	Operating Temp	-20℃~+65℃
保存温度	-30℃~+75℃	Storage Temp	-30℃~+75℃

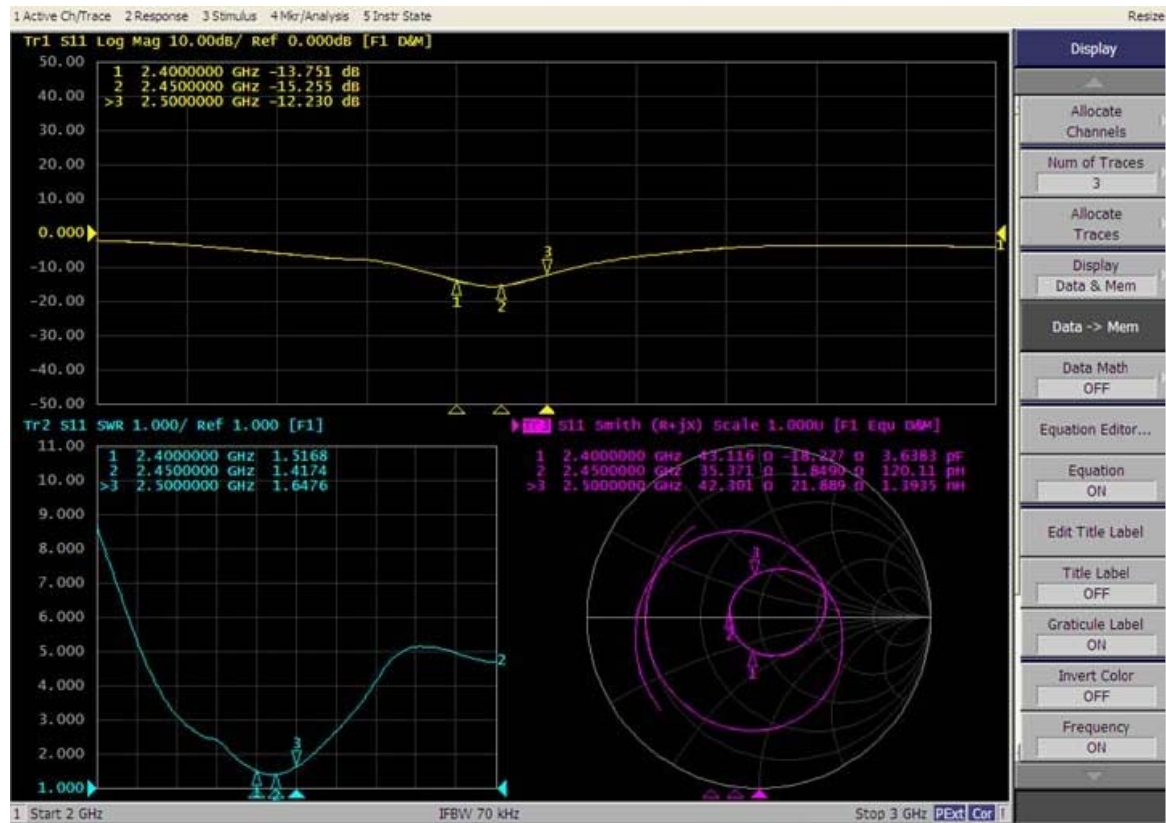
2. Finished product drawing:



$\Phi 4 \times 23$ 子弹头铜管
600V 24mm

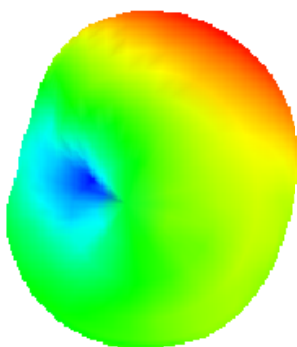
3. Test report

3.1: Network analyzer test report



3.2: 暗室 2D、3DRaditation Pattern(整机数据)

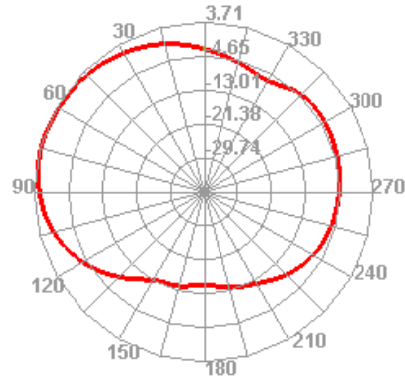
2400.000MHz



2.4GHz

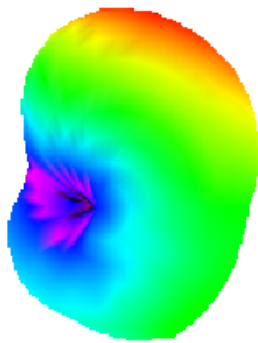
Gain: 2.12dBi

2400.000MHz H



Efficiency:53.12%

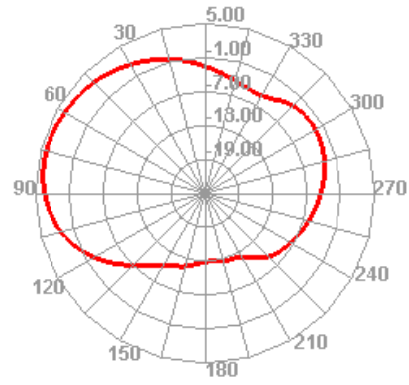
2450.000MHz



2.45GHz

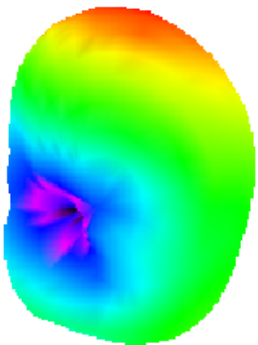
Gain:2.31dBi

2450.000MHz H



Efficiency:55.47%

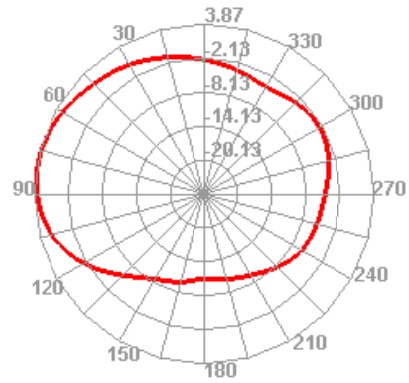
2500.000MHz



2.5GHz

Gain:2.25dBi

2500.000MHz H



Efficiency:54.15%