

SPECIFICATION FOR APPROVAL

MANUFACTURER: Shenzhen Ronghua Communication Co., LTD

PRODUCT	NAME:	2.4G built-in black copper tube 1.13 ring-peeled antenna /103mm
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CUSTOMER	P/N:	11000265
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DATE :	2025-4-16
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Ronghua presented a sample signature

ENGINEERING DEPARTMENT	Q C DEPARTMENT	SALES DEPARTMENT
Lu Shengxiong	Wei Chengbao	Rong Xinhui

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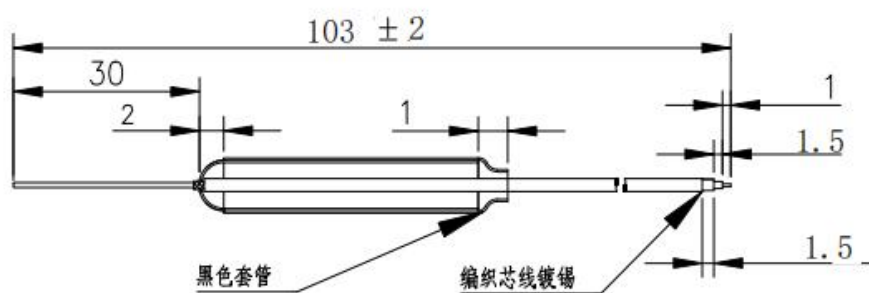
<i>Item</i>	<i>Description</i>
1	Specification Sheet
2	Finished product Image
3	Test Report

1. Specification Sheet:

Main technical parameters of the product

Main technical specifications	
Frequency Range (MHZ)	2400~2500
Impedance(Ω)	50
Gain(dBi)	4.6 Max
VSWR	≤ 1.92
Admitted Power	10W
Polarization	Linear, Vertical
Connector Type	RF Cable
Physical Properties	
Antenna Base	Copper
Operating Temp	-20°C~+65°C
Storage Temp	-30°C~+75°C

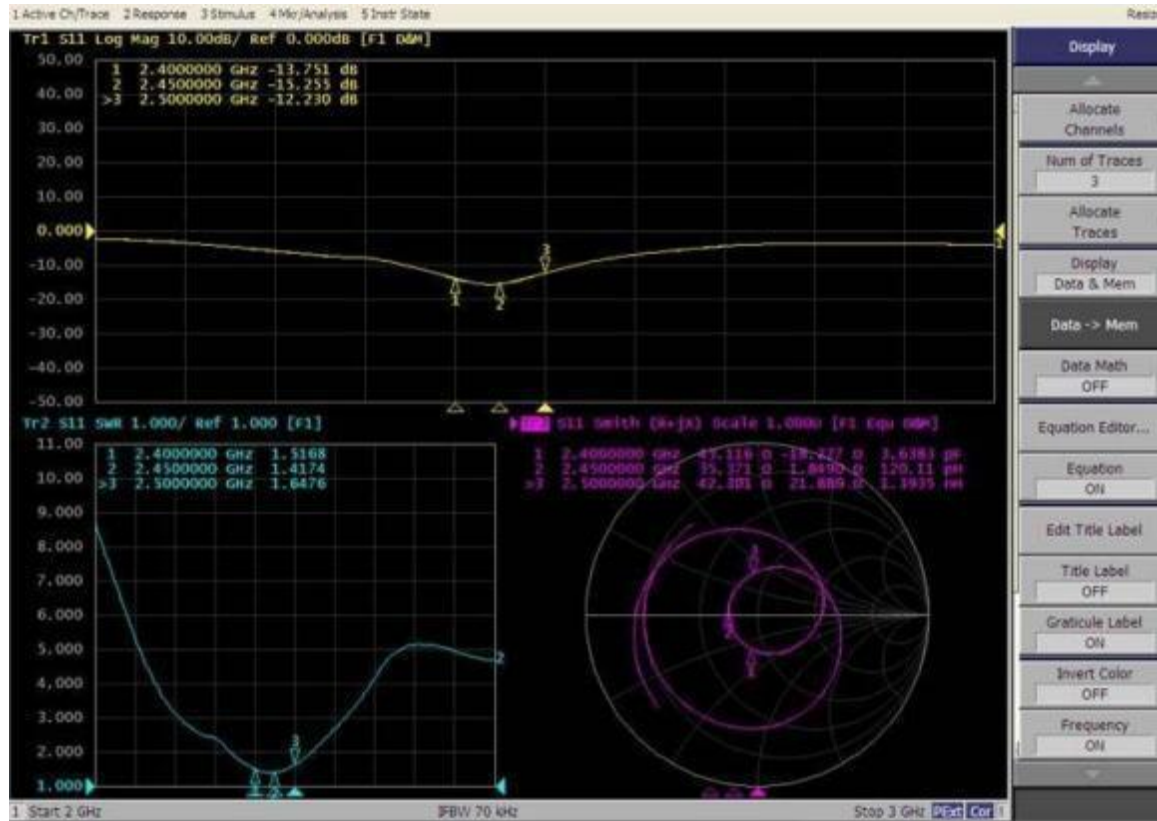
2. Finished product Image:



$\Phi 4 \times 23$ 子弹头铜管
600V 24mm

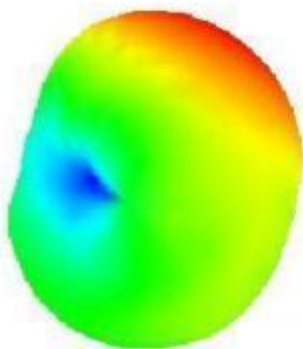
3. Test report

3.1 : Network analyzer test report



3.2 : Darkroom 2D、3DRaditation Pattern("Whole machine data")

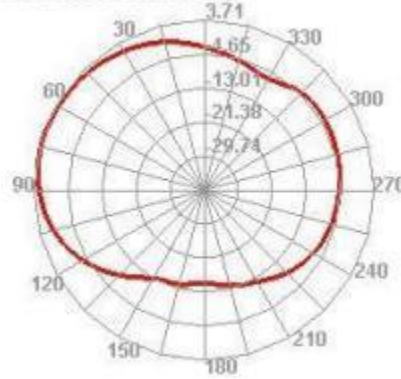
2400.000MHz



2.4GHz

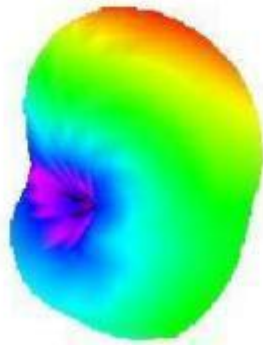
Gain: 3.71dBi

2400.000MHz H



Efficiency:53.12%

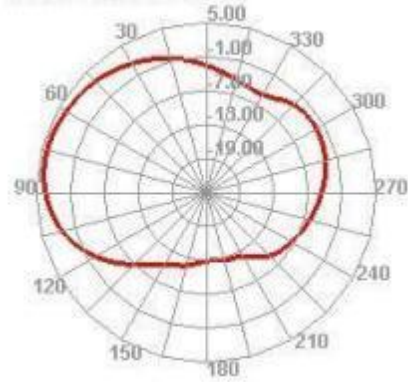
2450.000MHz



2.45GHz

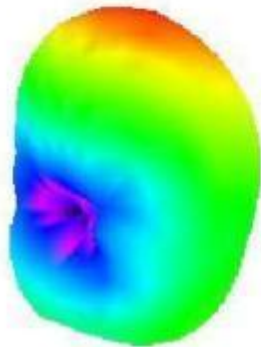
Gain: 4.6dBi

2450.000MHz H



Efficiency: 55.47%

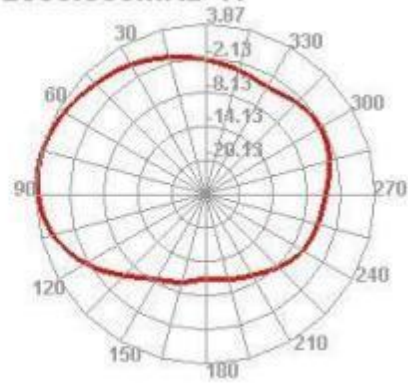
2500.000MHz



2.5GHz

Gain:3.87dBi

2500.000MHz H



Efficiency: 54.15%