

SPECIFICATION FOR APPROVAL

MANUFACTURER: Shenzhen Ronghua Communication Co., Ltd.

PRODUCT Name: 2.4G-2dBi copper tube antenna /110mm

CUSTOMER P/N:

P/N: 11000102 REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2020-6-8	

Company Address: 3rd Floor, Building B, No. 7 Xinkang Road, Shentang,
Dakang, Yuanshan Street, Longgang District, Shenzhen

Contact: Rong Xinhui
Phone: 19925341345

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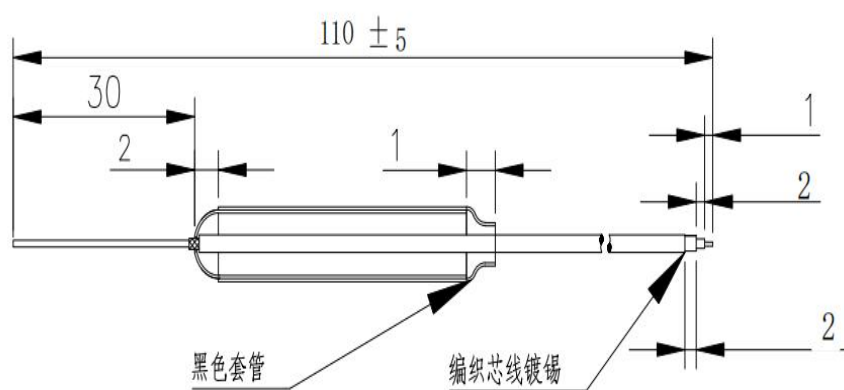
1. Specifications:

Main technical parameters of the product

The key technical indexes		Main technical specifications	
Frequency range (MHZ)	2400~2500	Frequency Range (MHZ)	2400~2500
Characteristic impedance (Ω)	50	Impedance (Ω)	
Gain (dBi)	4.6	Gain (dBi)	4.6
Output voltage standing wave ratio	≤ 1.92	VSWR	≤ 1.92
Maximum power	10W	Admitted Power	
Polarization mode	Vertical polarization	Polarization	Linear, Vertical
Attended mode	Coaxial cable	Connector Type	RF Cable
Physical property		Physical Properties	
Antenna body material	Yellow metal	Antenna Base	Yellow metal

Working temperature	-20°C~+65°C	Operating Temp	-20°C~ +65°C
Storage temperature	-30°C~+75°C	Storage Temp	-30°C~ +75°C

2. Finished product:

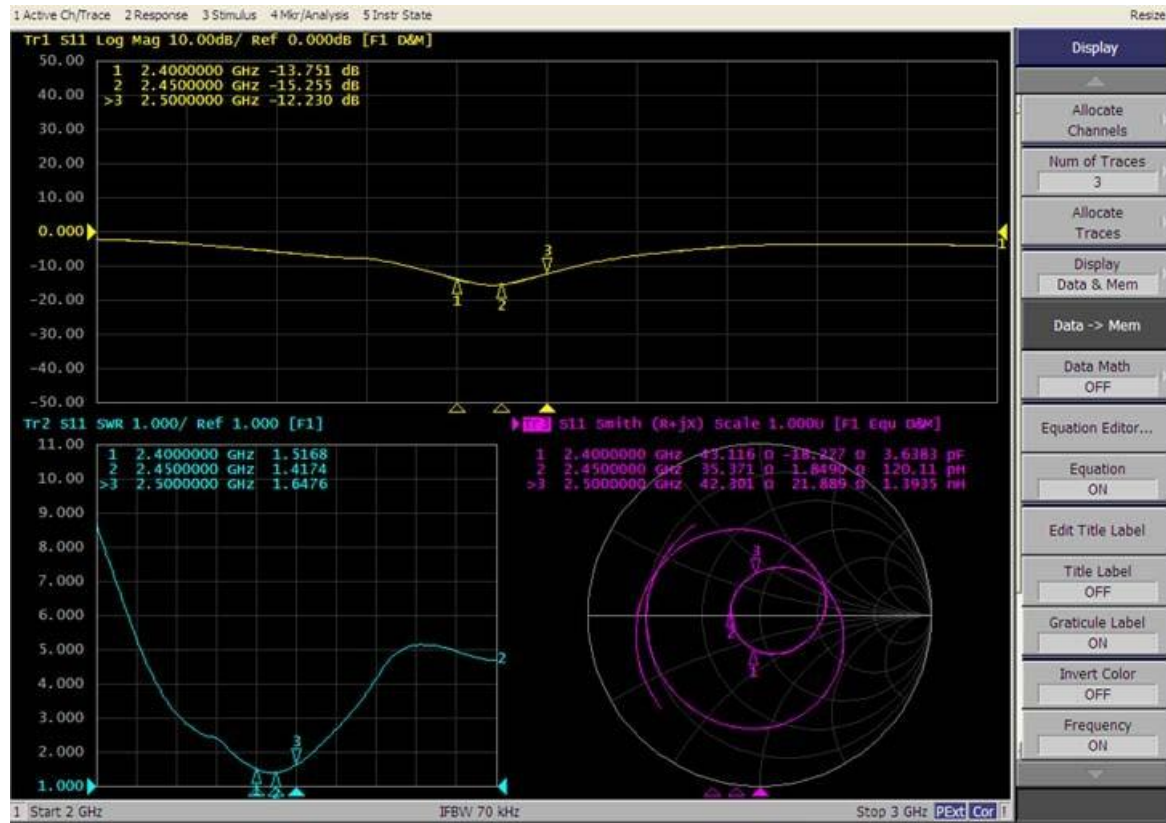


$\Phi 4 \times 23$ 子弹头铜管

600V 24mm

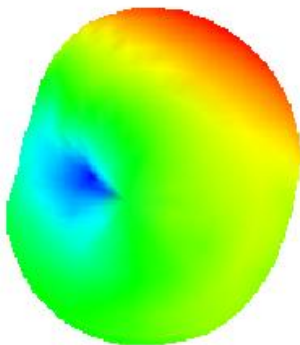
3. test report

3.1: Network analyzer test report



3.2: Darkroom 2D,3DRaditation Pattern (whole machine data)

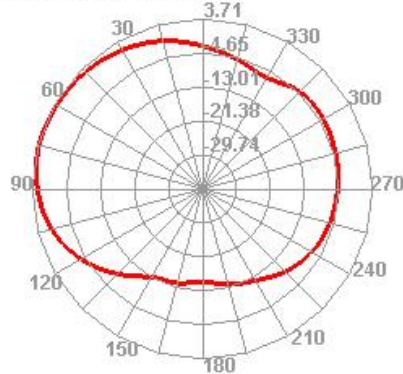
2400.000MHz



2.4GHz

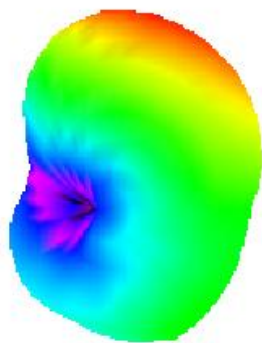
Gain: 3.71dBi

2400.000MHz H



Efficiency: 53.12%

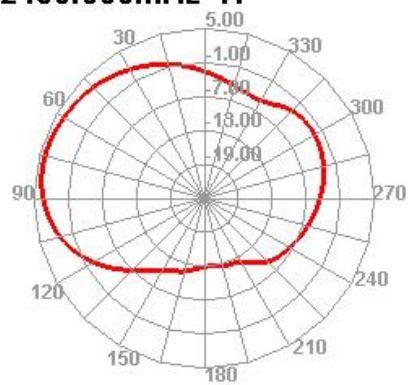
2450.000MHz



2.45GHz

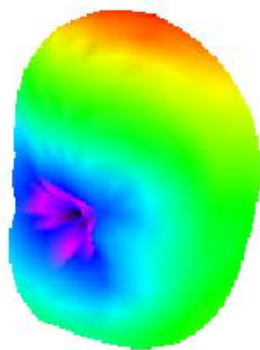
Gain: 4.6dBi

2450.000MHz H



Efficiency: 55.47%

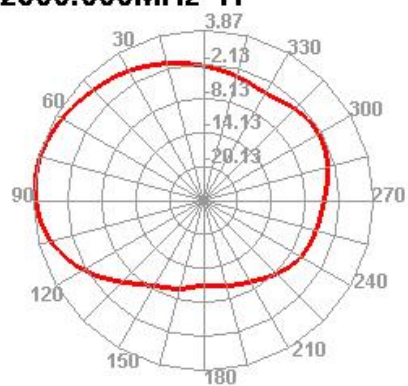
2500.000MHz



2.5GHz

Gain: 3.87dBi

2500.000MHz H



Efficiency: 54.15%