

SPECIFICATION FOR APPROVAL

CUSTOMER NAME: Cool vision technology

PRODUCT NAME: 2.4G antenna copper tube

SUPPLIER NAME: Ronghua Communication

Part NO. : 11000095



Antenna trademark: _____

Researchers staff: Li Shan

Engineer engr: Zhang san wei

Antenna Type: Wire antenna

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	Lu Shengxiong	
APPROVED BY:	Rong Xinhui	
DATE:	2022-03-20	

Contents

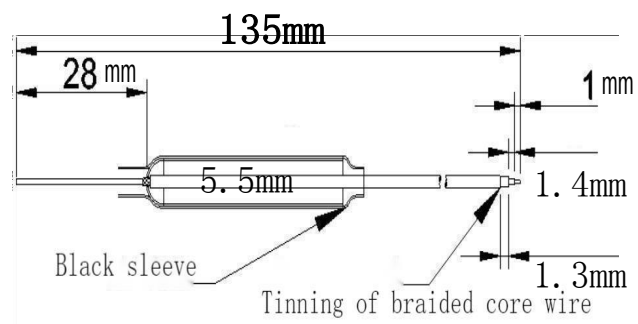
<i>Item</i>	<i>Description</i>
1	(Specification table)
2	(The finished product figure)
3	(Test report)

1. (Specification table) :

(Main technical parameters of the product)

Main technical specifications	
Frequency Range (MHZ)	2400~2500
Impedance(Ω)	50
Gain(dBi)	2.31
VSWR	≤ 1.92
Admitted Power	10W
Polarization	Linear,Vertical
Connector Type	RF Cable
Physical Properties	
Antenna Base	Brass
Operating Temp	-20°C~+65°C
Storage Temp	-30°C~+75°C

2. (Finished product figure):

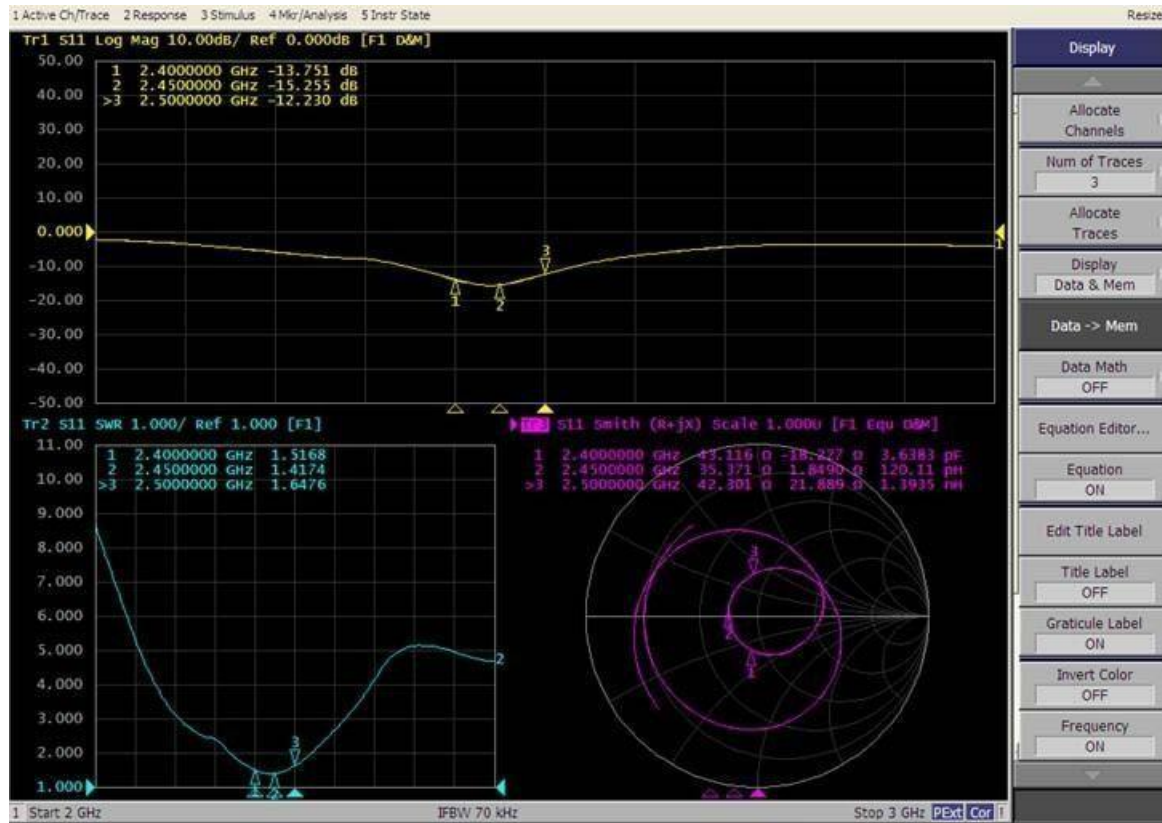


Bullet copper pipe

(4.0 casing 300V thin)

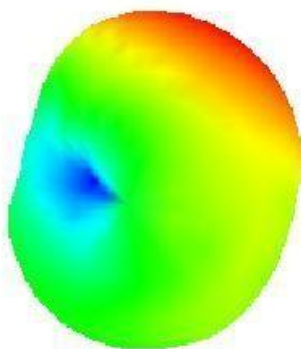
3. (Test report)

3.1: Network analyzer test report



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

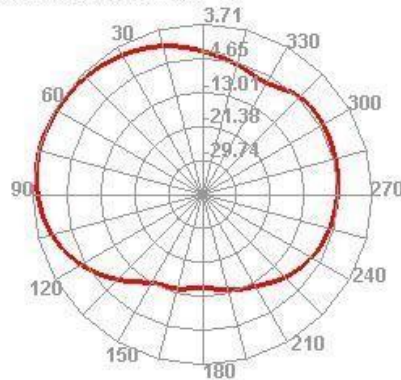
2400.000MHz



2.4GHz

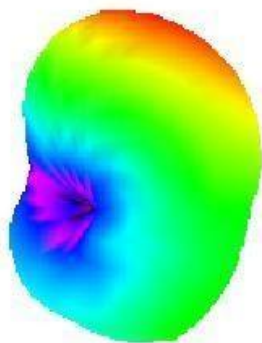
Gain: 2.12dBi

2400.000MHz H



Efficiency:53.12%

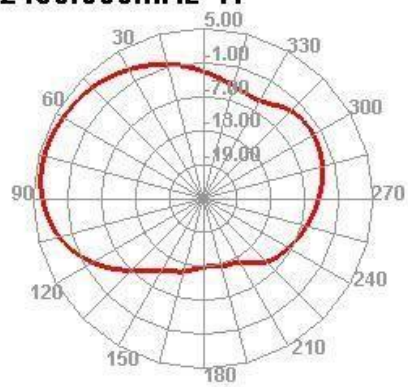
2450.000MHz



2.45GHz

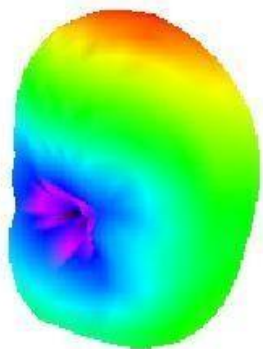
Gain: 2.31dBi

2450.000MHz H



Efficiency: 55.47%

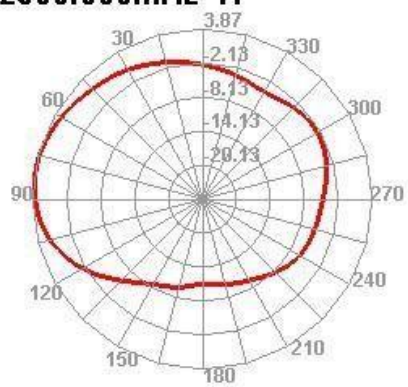
2500.000MHz



2.5GHz

Gain: 2.25dBi

2500.000MHz H



Efficiency: 54.15%