



SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G copper tube antenna 1.13 gray wire L=170MM

Customer Part Number: _____

Manufacturers of Material: SFANT11A13359

Deliver quantity: 5PCS

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2022.09.05

That Customers:

Acknowledge	Check	Examine and approve	Datelanded

Admit that situation: new product product shanges

Admit that project: acknowledgement soecimen 10PCS

Admit that conclusion: reception refuse

Company address : Floor 3, Building D, No.96 Lingxia Road, Fuyong Fenghuang Fourth Industrial Zone, Baoan District, Shenzhen

Phone number: 0755-33881455

Fax NO.: 0755-33233276

Email: liqinghui@sufeitech.com

Main technical parameters of the product

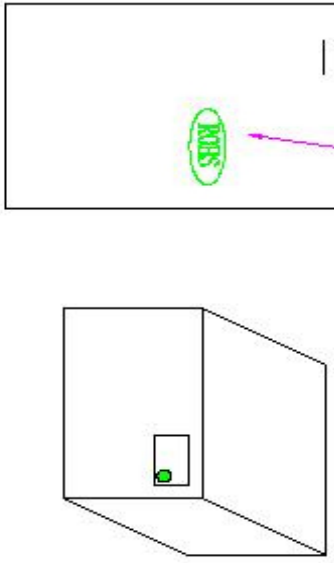

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Gain (dBi)	2±0.5dBi
Impedance(Ω)	50±10
ReTurnLoss(dB)	≤-10
VSWR	≤2
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	Weld
Physical Properties	
Antenna Base	Copper
Operating Temp	-20℃-+60℃
Storage Temp	-20℃-+70℃

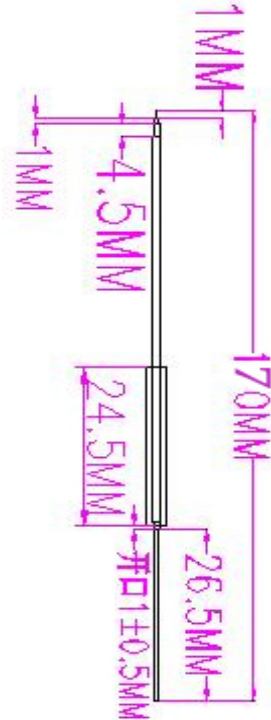
List of raw materials:

Serial number	Name	Texture	Quantity	Unit	Remark
1	Copper pipe	Copper(H65)	1	PCS	
2	Wire rod	1.13 Gray	1	PCS	

Product drawing

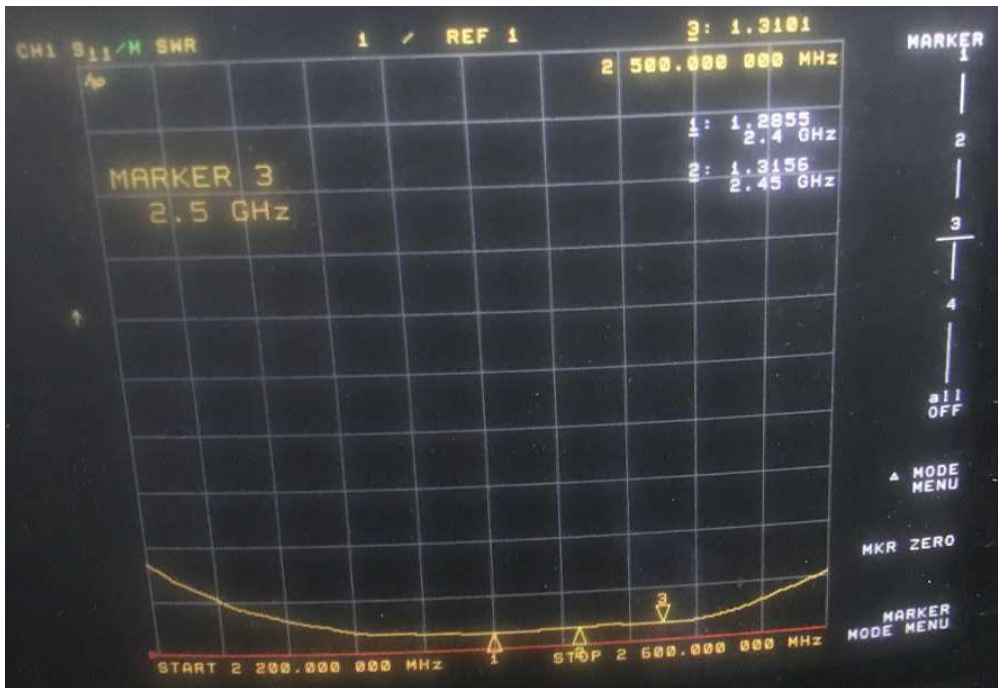
NO		DESCRIPTION	QTY	REMARK
1	Copper pipe	B55	1	
2	Cable	1.13 Grey	1	
3				
4				
5				
6				

			
<p> Specification: Frequency Rang:2400-2500MHZ Return Loss:-10DB or less VSWR*1.92 Max Gain:2.0 dbi </p>			
TITLE: 2.4G copper tube antenna 1.13 gray wire L=140MM		ShenZhen XinErSheng Technology Co.,Ltd	
P/N		SHANT11A13359	
OUTSTOMER:		UNLESS OTHERWISE NOTED	
DRAW NO:		UNLESS OTHERWISE NOTED	
TOLERANCE		XXX ±0.05 XX ±0.1 X ±0.2 X ±0.5	XX ±1.0
UNIT:MM		SHEET:1/1 SCALE:1/1	APPROVED CHECKED DRAWED
REV. A		DRIVED	


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Network analyzer test report:

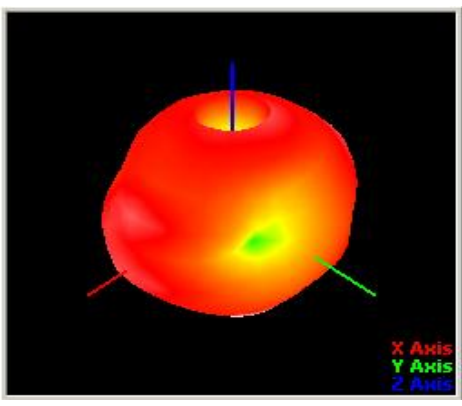
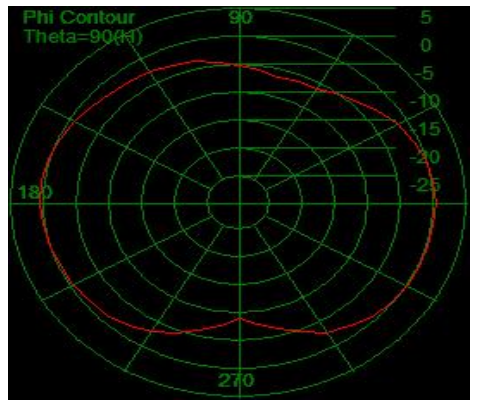
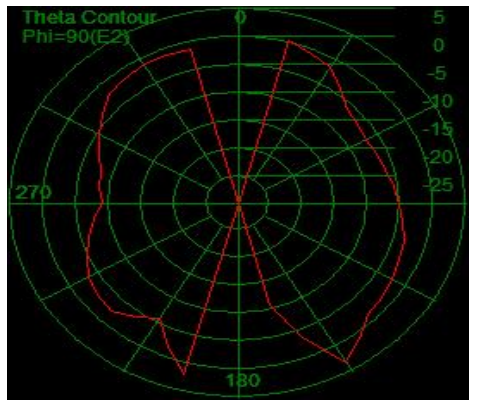
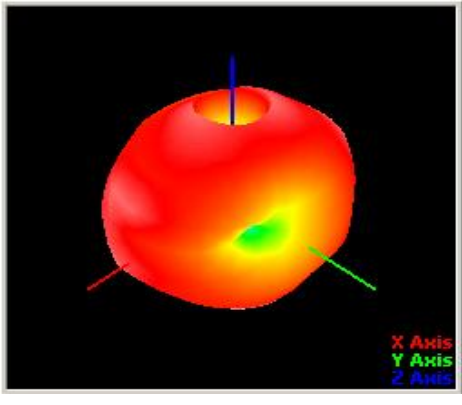
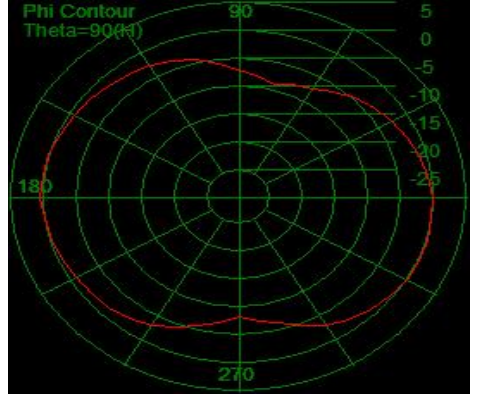
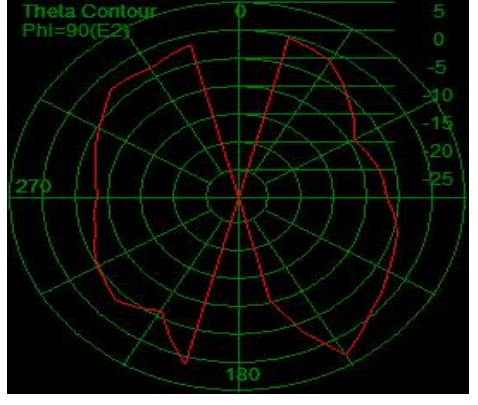
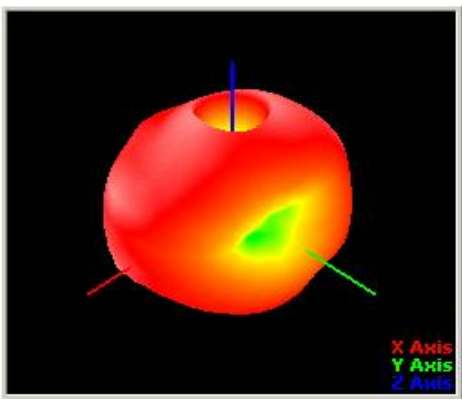
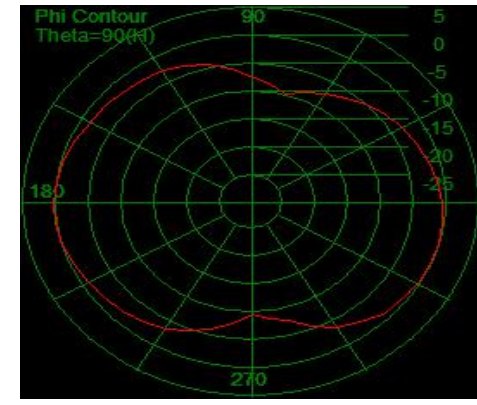
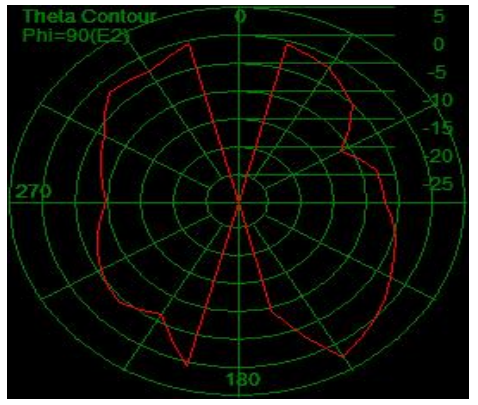
1. SWR:



2. return loss



2D、3DRaditation Pattern

 <p>X Axis Y Axis Z Axis</p>	 <p>Phi Contour Theta=90(φ)</p>	 <p>Theta Contour Phi=90(E2)</p>
<p>2.4G</p>	<p>Gain(Peak):2.5dBi</p>	<p>Efficiency:64.8%</p>
 <p>X Axis Y Axis Z Axis</p>	 <p>Phi Contour Theta=90(φ)</p>	 <p>Theta Contour Phi=90(E2)</p>
<p>2.45G</p>	<p>Gain(Peak):2.13dBi</p>	<p>Efficiency:61.2%</p>
 <p>X Axis Y Axis Z Axis</p>	 <p>Phi Contour Theta=90(φ)</p>	 <p>Theta Contour Phi=90(E2)</p>
<p>2.5G</p>	<p>Gain(Peak):2.01dBi</p>	<p>Efficiency:58.3%</p>