



SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G copper tube antenna 1.13 gray wire L=140MM

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

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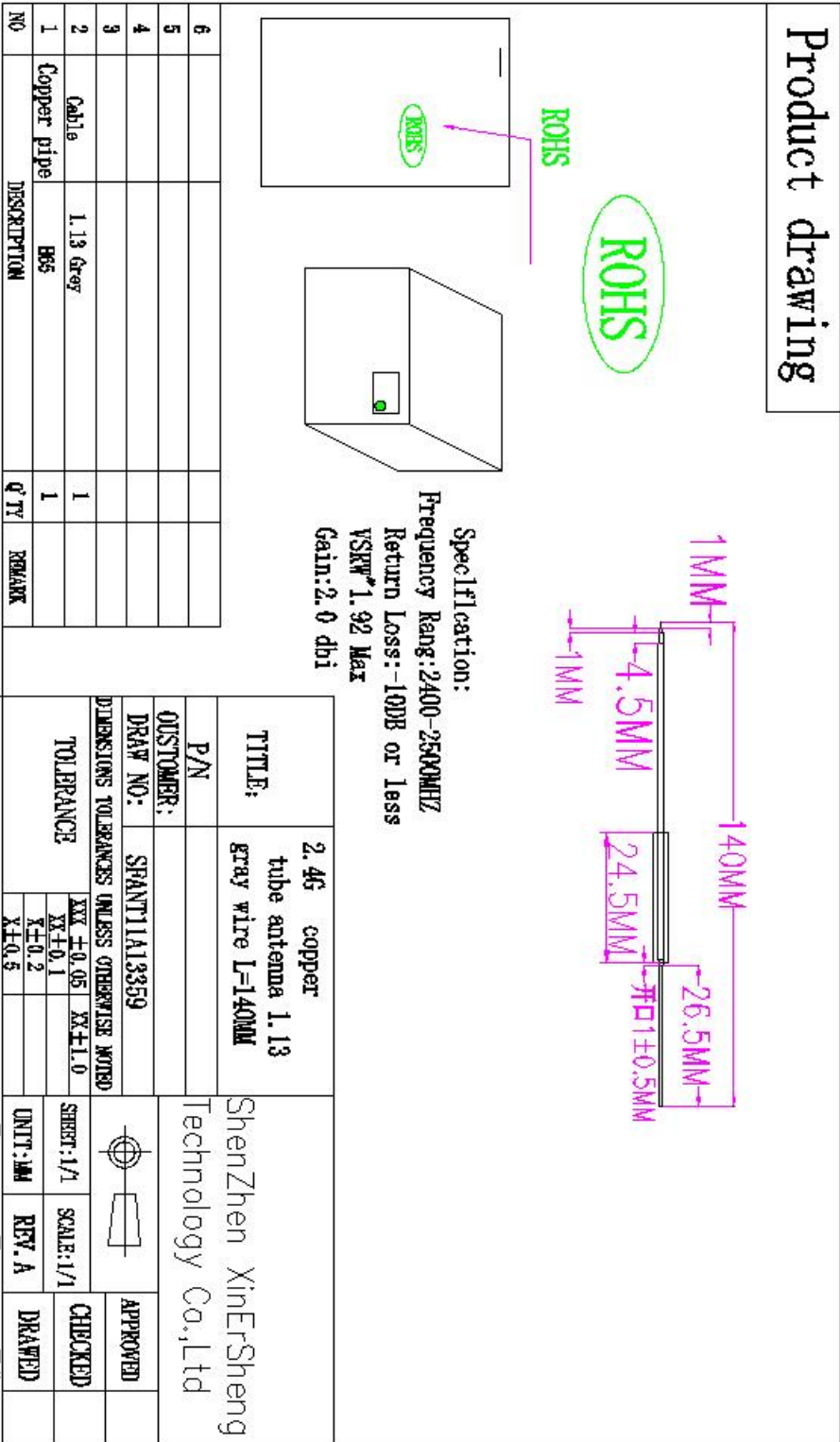
Main technical parameters of the product

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:

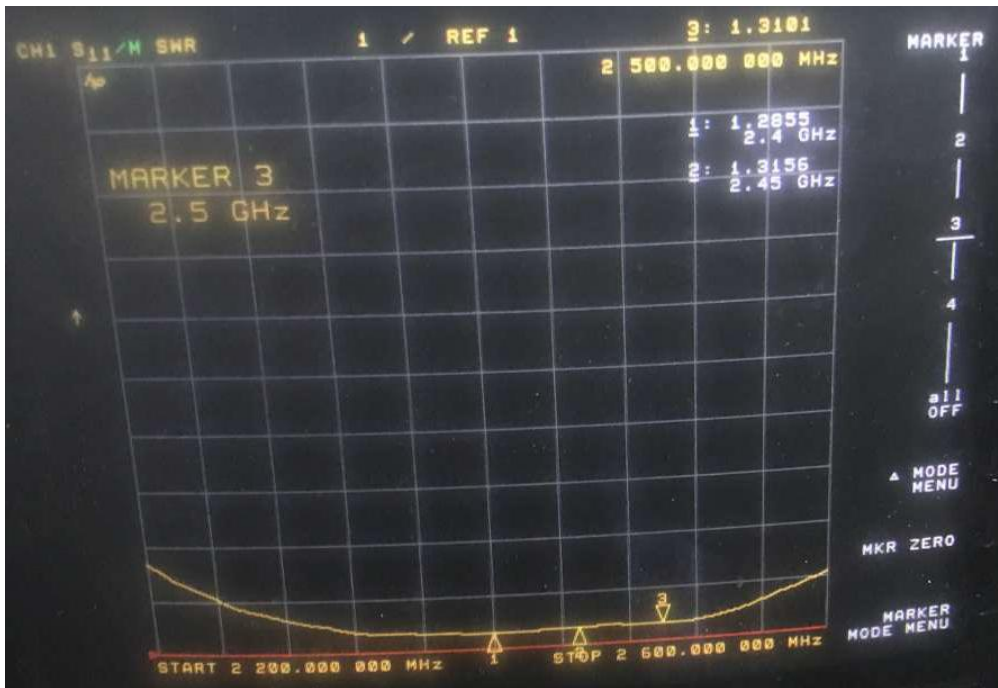
Serial number	Name	Texture	Quantity	Unit	Remark
1	Copper pipe	Copper(H65)	1	PCS	
2	Wire rod	1.13 Gray	1	PCS	

Product drawing



Network analyzer test report:

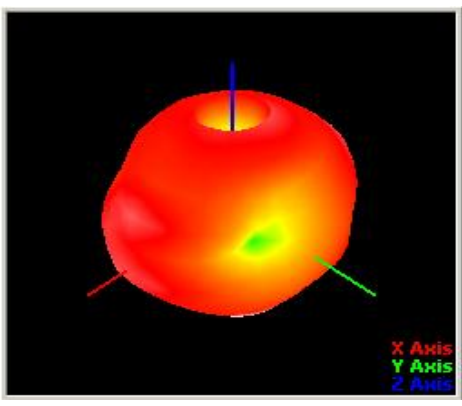
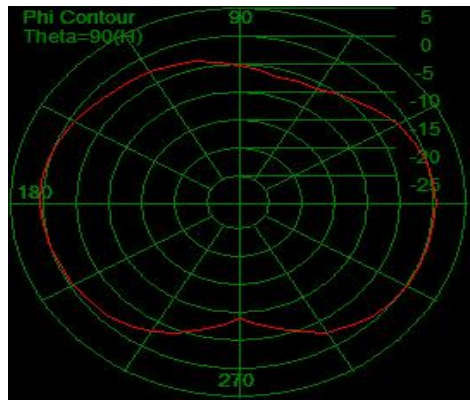
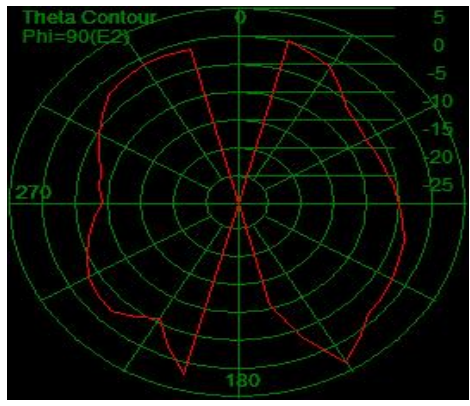
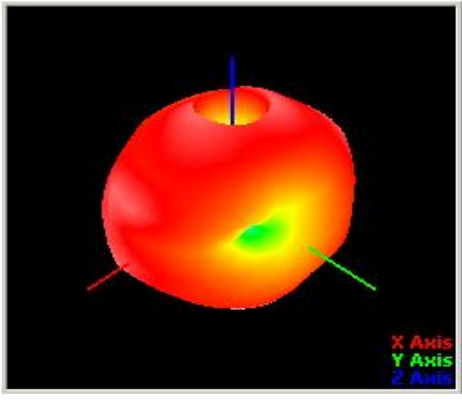
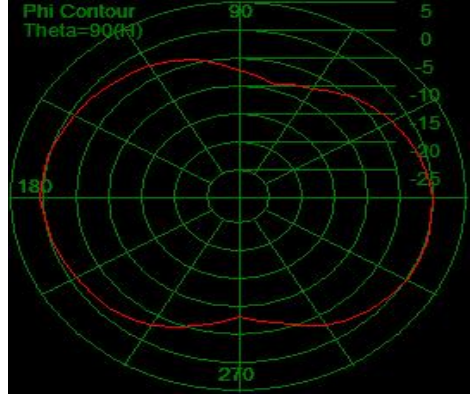
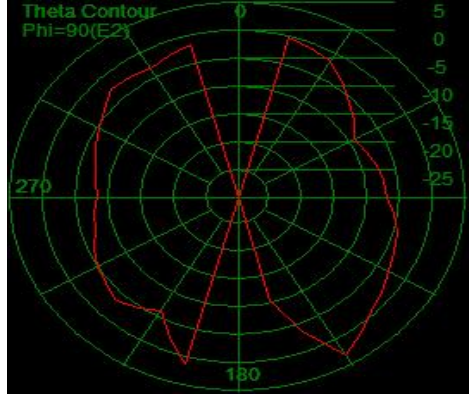
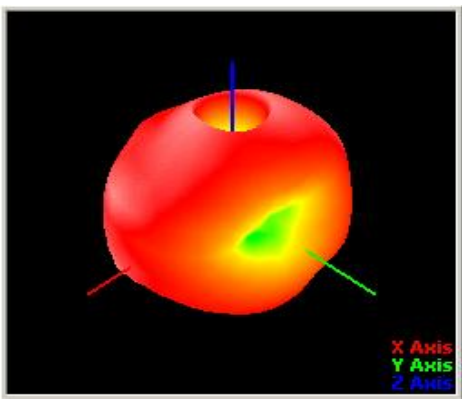
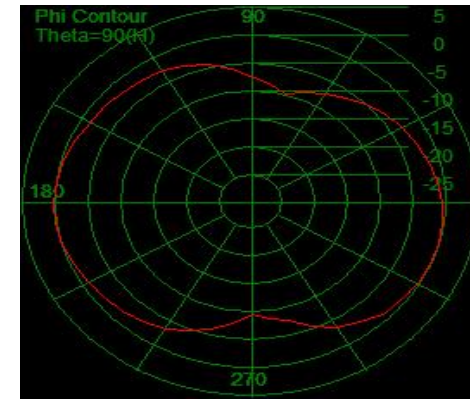
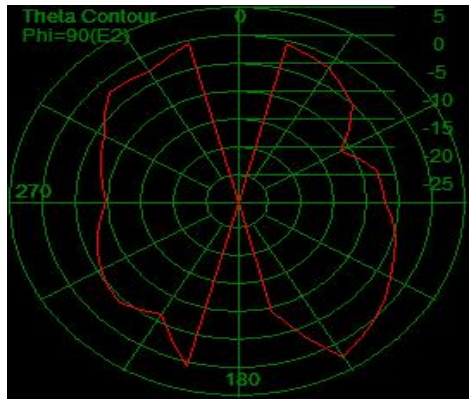
1. SWR:



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 dBi</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):1.88dBi</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):1.76dBi</p>	<p>Efficiency:58.3%</p>