



ShenZhen XinErSheng Technology Co.,Ltd

# SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G copper wire antenna, phosphor copper nickel plated

Customer Part Number: \_\_\_\_\_

Manufacturers of Material: SFANT12E13324

Deliver quantity: 5PCS

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2023.12.13

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@xinershengant.com](mailto:liqinghui@xinershengant.com)

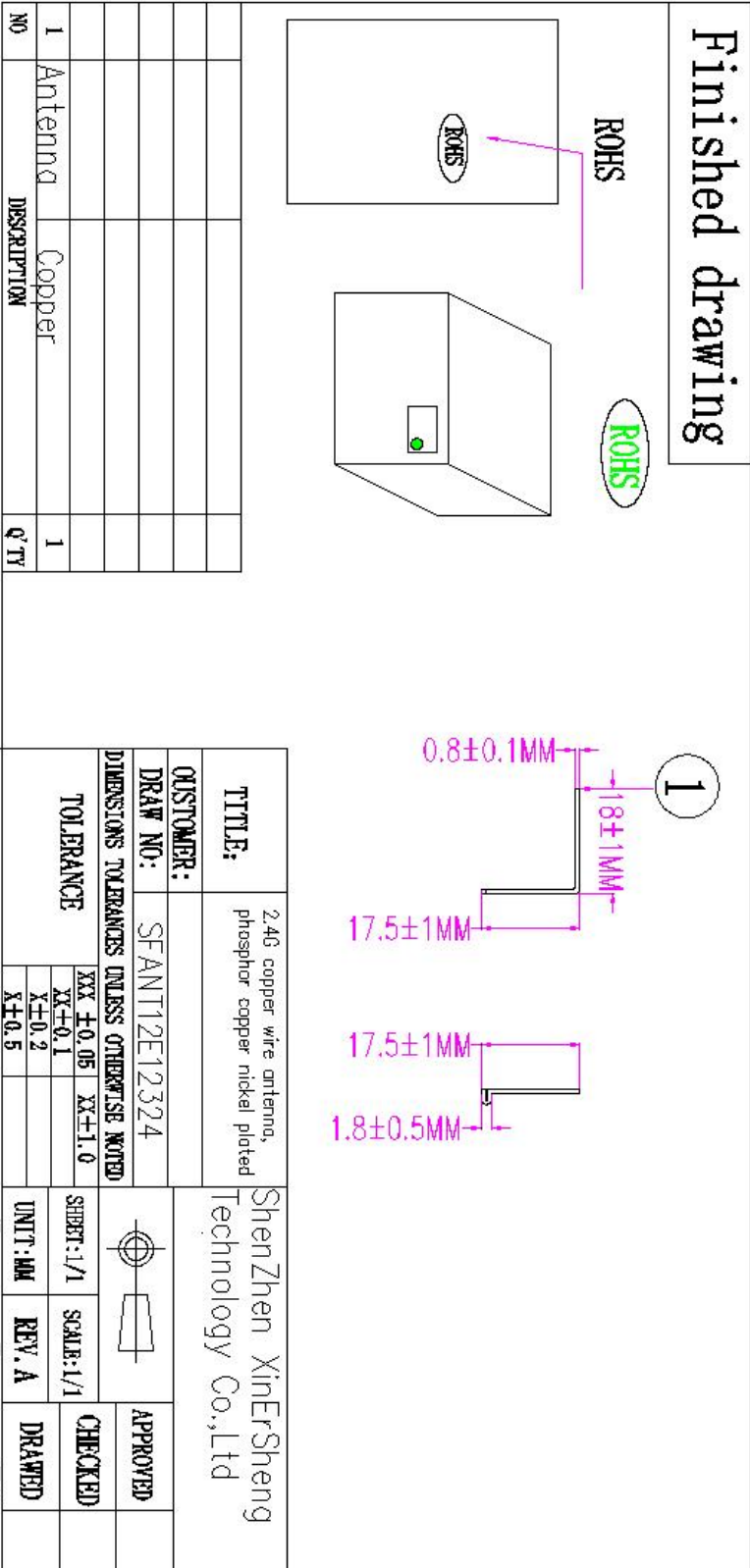
## Main technical parameters of the product

<b>Main technical specifications</b>	
<b>Frequency Range(MHZ)</b>	<b>2400-2500</b>
<b>Gain (dBi)</b>	<b>2.83dBi</b>
<b>Impedance(<math>\Omega</math>)</b>	<b>50<math>\pm</math>10</b>
<b>ReTurnLoss(dB)</b>	<b><math>\leq</math>-10</b>
<b>VSWR</b>	<b><math>\leq</math>2</b>
<b>Polarization</b>	<b>Linear Vertical</b>
<b>Connector Type</b>	<b>Weld</b>
<b>Physical Properties</b>	
<b>Antenna Base</b>	<b>Carbon steel</b>
<b>Operating Temp</b>	<b>-20<math>^{\circ}</math>C-+60<math>^{\circ}</math>C</b>
<b>Storage Temp</b>	<b>-20<math>^{\circ}</math>C-+70<math>^{\circ}</math>C</b>

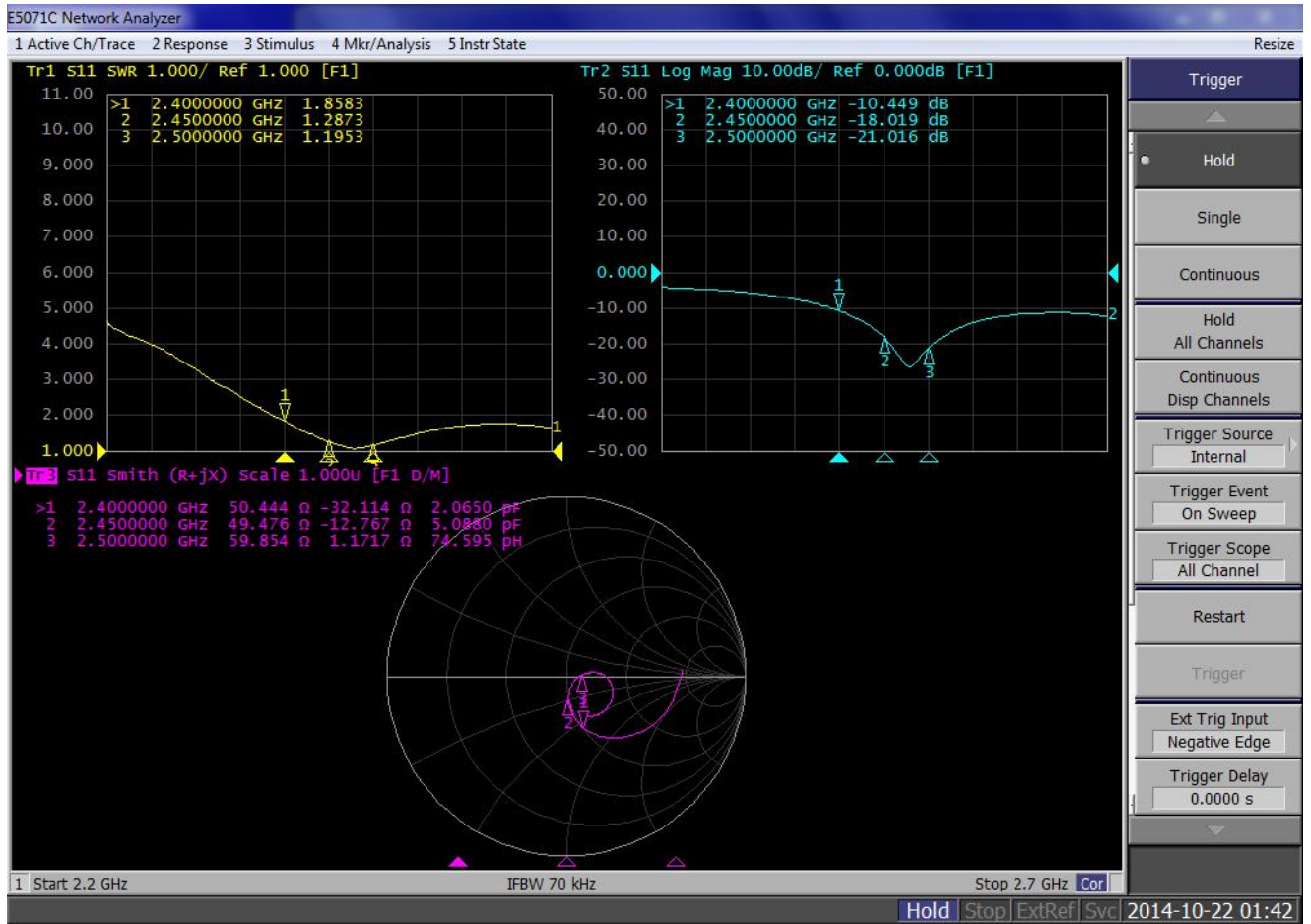
### List of raw materials:

Serial number	Name	Texture	Quantity	Unit	Remark
1	Antenna	Copper	1	PCS	

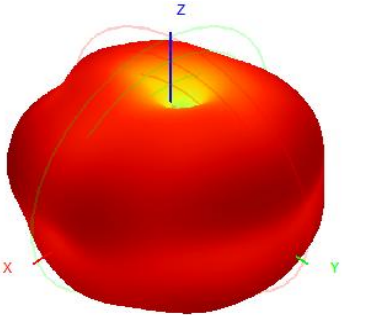
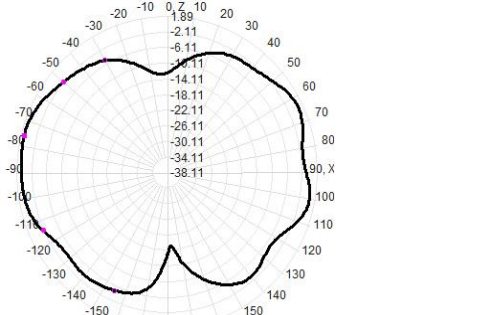
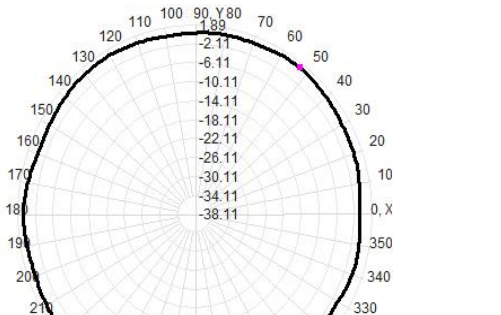
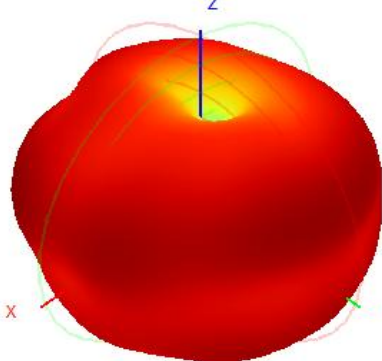
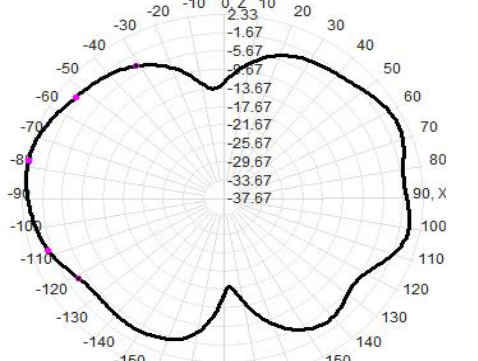
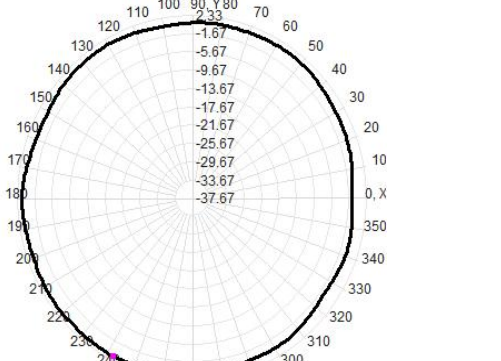
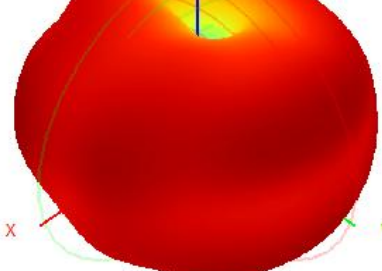
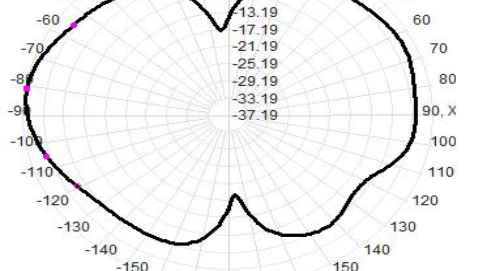
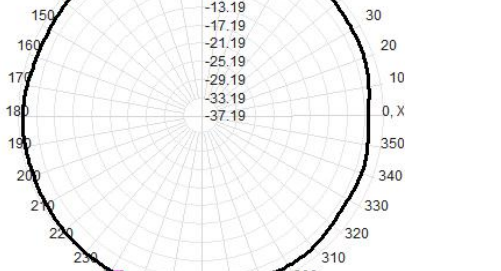
## Product drawing



Network analyzer test report:  
1. SWR:



2D、3DRaditation Pattern

		
<p>2.4G</p>	<p>Gain(Peak):2.72dBi</p>	<p>Efficiency:61.9%</p>
		
<p>2.45G</p>	<p>Gain(Peak):2.83dBi</p>	<p>Efficiency:57.4%</p>
		
<p>2.5G</p>	<p>Gain(Peak):2.65dBi</p>	<p>Efficiency:56.8%</p>