



# 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](mailto:liqinghui@sufeitech.com)



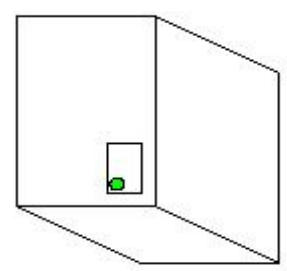
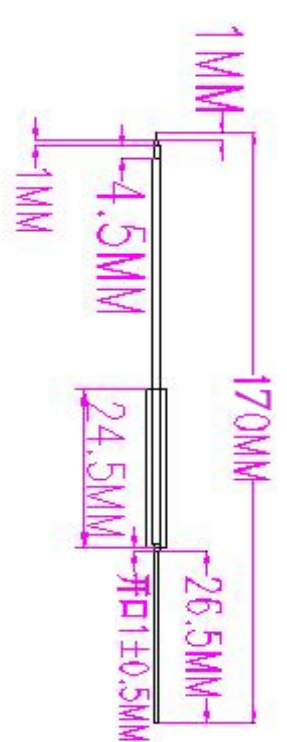















## Main technical parameters of the product

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

### List of raw materials:

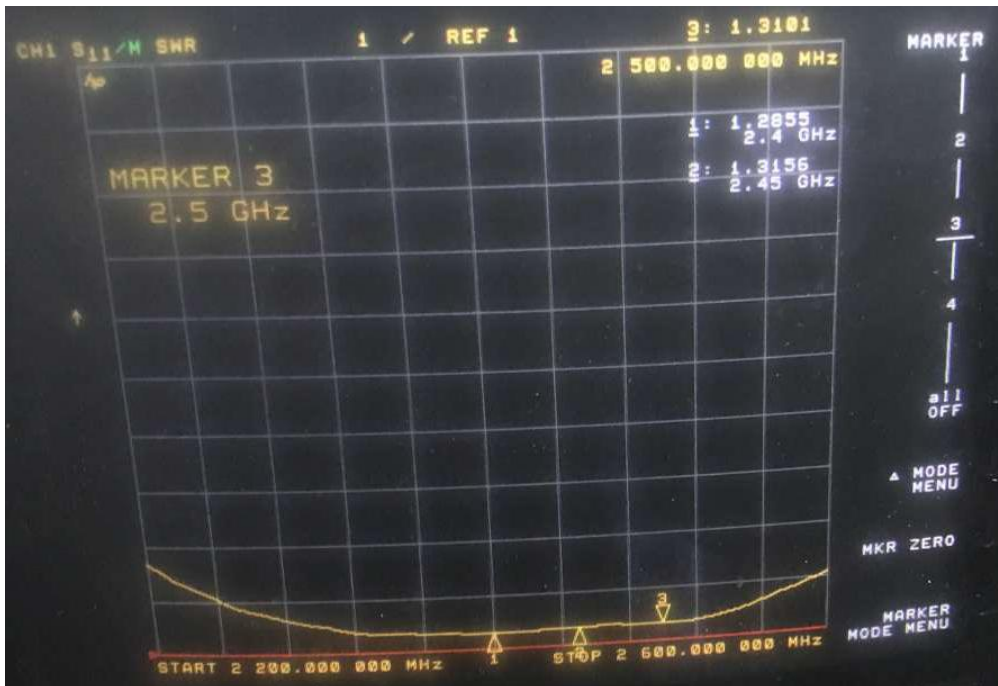
Serial number	Name	Texture	Quantity	Unit	Remark
1	Copper pipe	Copper(H65)	1	PCS	
2	Wire rod	1.13 Gray	1	PCS	

## Product drawing

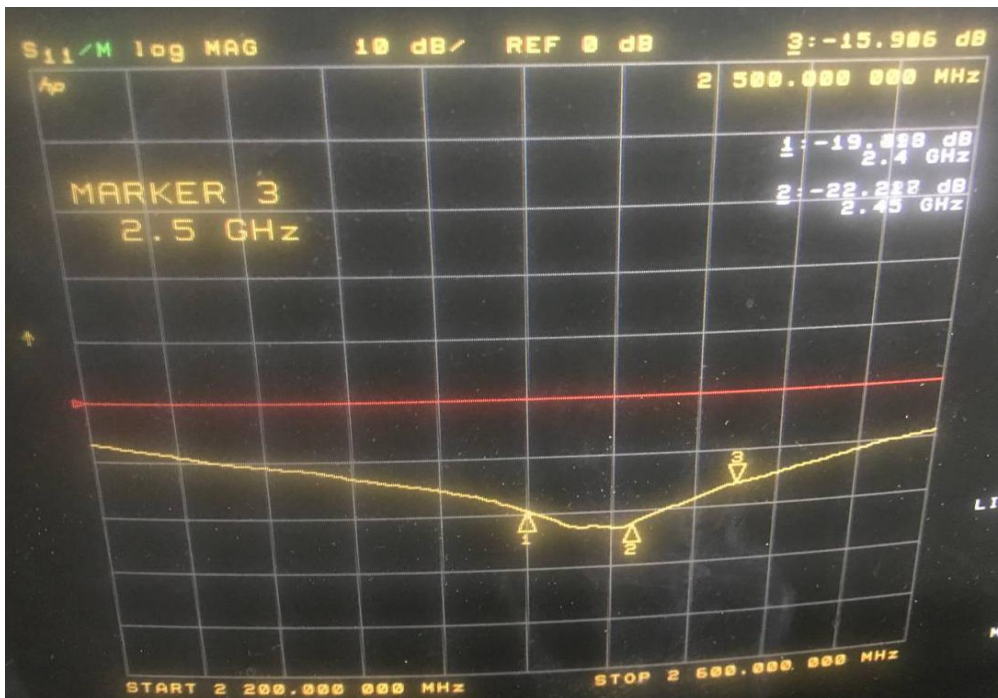
Product drawing																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">6</td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>Cable</td><td>1.13 Grey</td><td>1</td></tr> <tr><td>1</td><td>Copper pipe</td><td>B65</td><td>1</td></tr> <tr> <td>NO</td> <td>DESCRIPTION</td> <td>QTY</td> <td>REMARK</td> </tr> </table>	6				5				4				3				2	Cable	1.13 Grey	1	1	Copper pipe	B65	1	NO	DESCRIPTION	QTY	REMARK	<div style="text-align: center;">  <p>ROHS</p>  <p>ROHS</p> </div> <div style="text-align: center;">  </div> <div style="text-align: center;"> <p>Specification:</p> <p>Frequency Rang:2400-2500MHZ</p> <p>Return Loss:-10DB or less</p> <p>VSWR*1.92 Max</p> <p>Gain:2.0 dbi</p> </div> <div style="text-align: center;">  </div>
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Network analyzer test report:

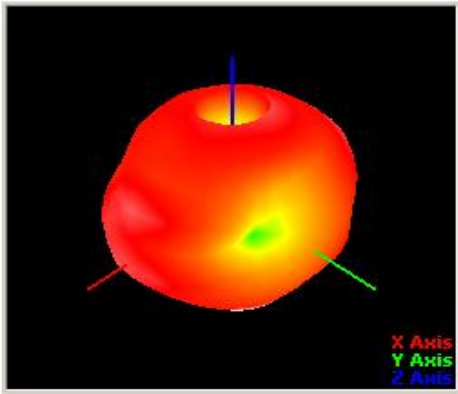
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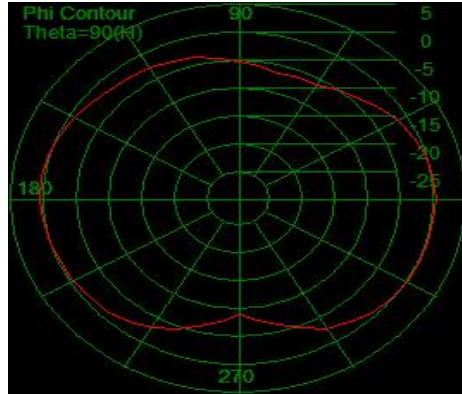
2. return loss



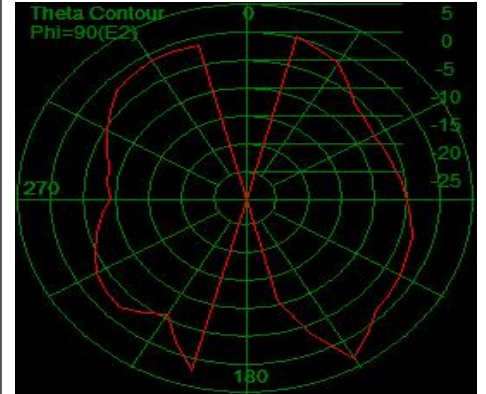
2D、3DRaditation Pattern



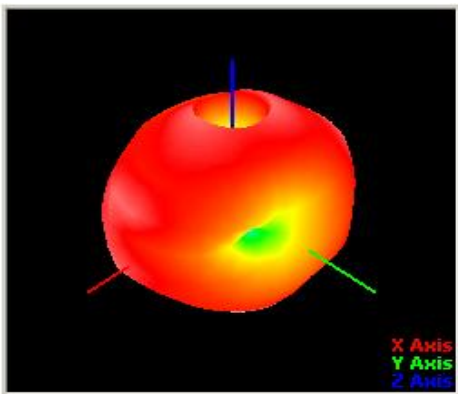
2.4G



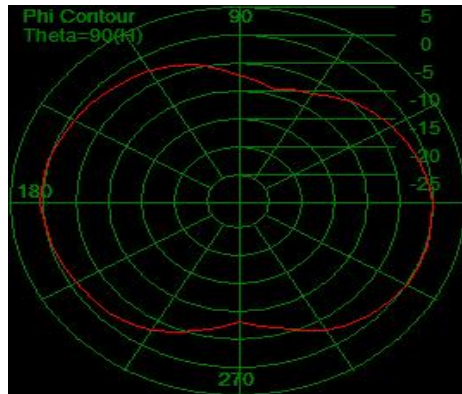
Gain(Peak):2.5dBi



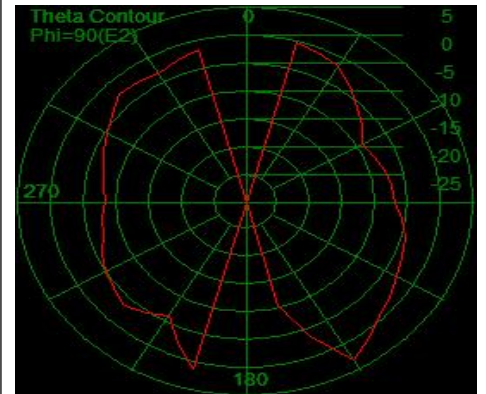
Efficiency:64.8%



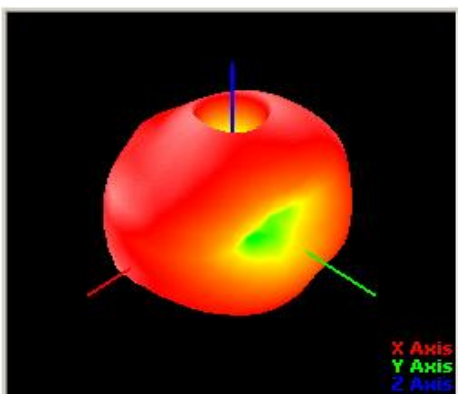
2.45G



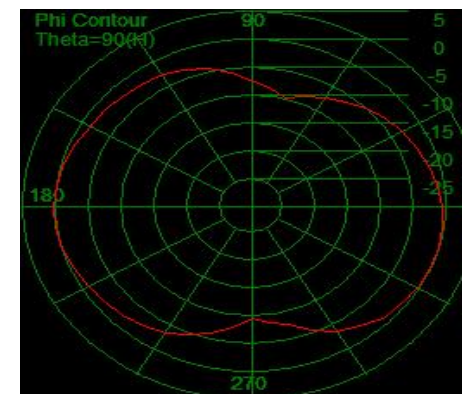
Gain(Peak):2.13dBi



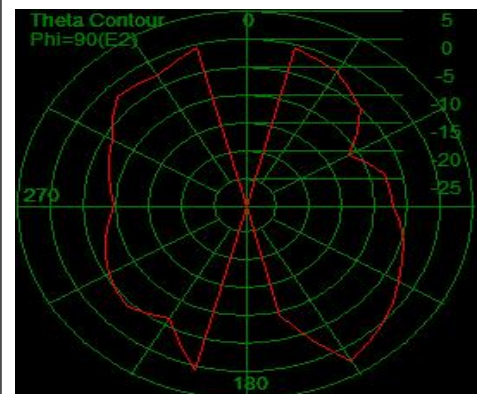
Efficiency:61.2%



2.5G



Gain(Peak):2.01dBi



Efficiency:58.3%