



SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G 2.0DB integrated antenna white

Customer Part Number: _____

Manufacturers of Material: SF011-110080B

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

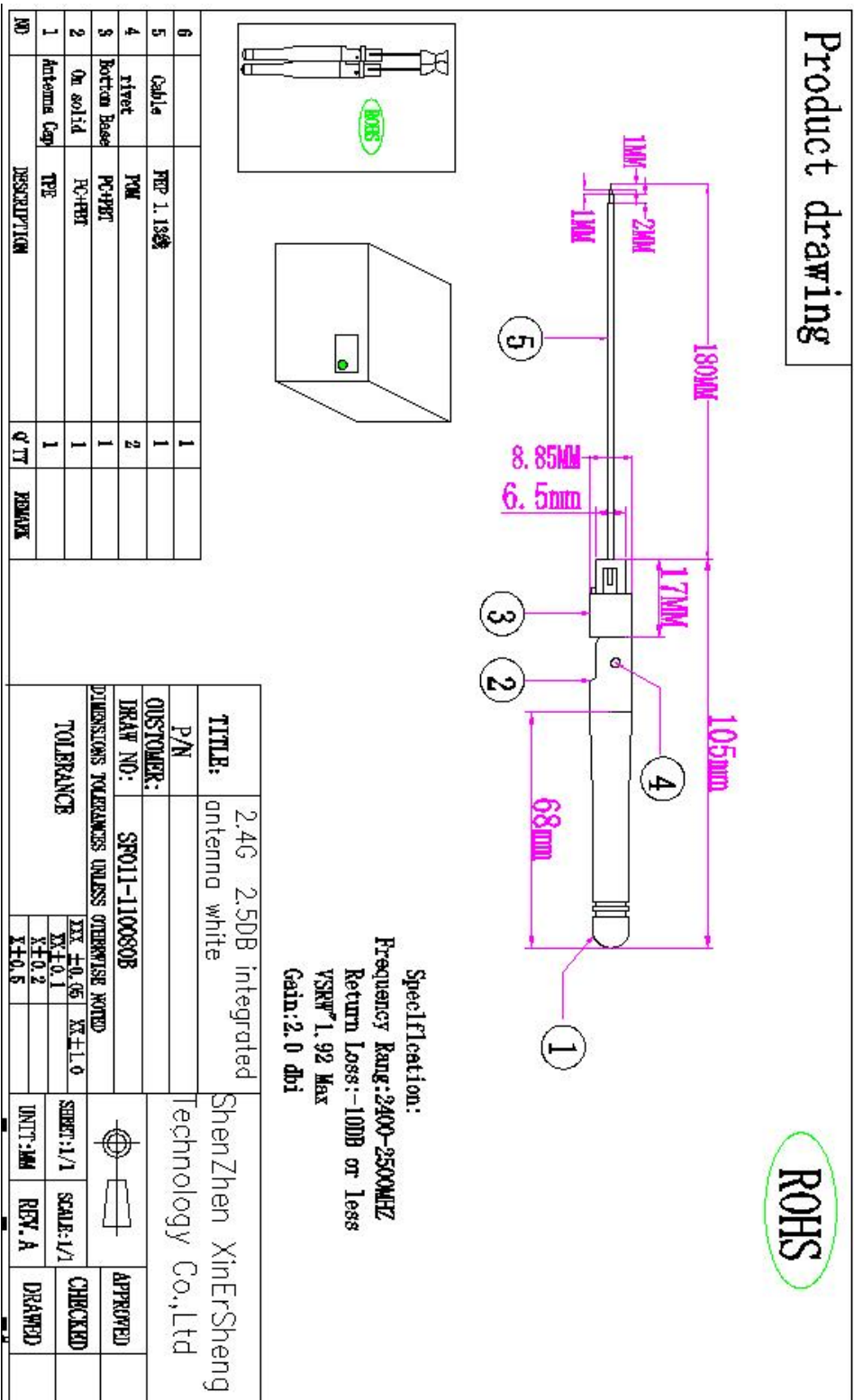
Main technical parameters of the product

| 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 | TPE |
| Operating Temp | -20℃-+60℃ |
| Storage Temp | -20℃-+70℃ |

List of raw materials:

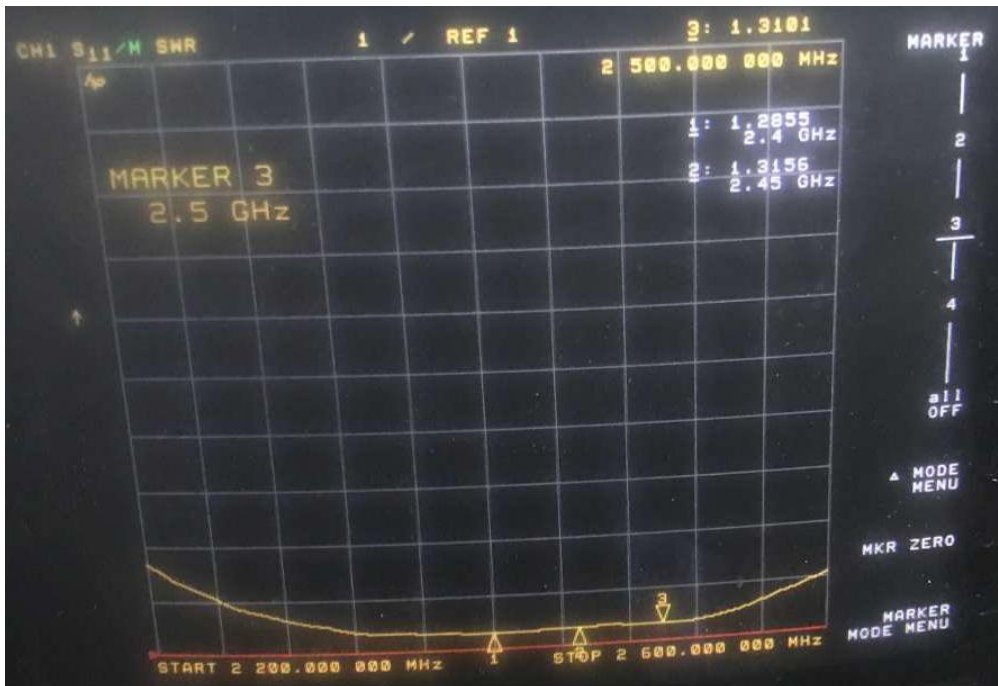
| Serial number | Name | Texture | Quantity | Unit | Remark |
|---------------|----------------------|------------|----------|------|--------|
| 1 | Stem casing | TPE | 1 | PCS | |
| 2 | On the fixed seat | PC+PBT | 1 | PCS | |
| 3 | Under the fixed seat | PC+PBT | 1 | PCS | |
| 4 | Rivet | POM | 1 | PCS | |
| 5 | Wire rod | 1.13 Gray | 1 | PCS | |
| 6 | Copper pipe | Zinc alloy | 1 | PCS | |

Product drawing



Network analyzer test report:

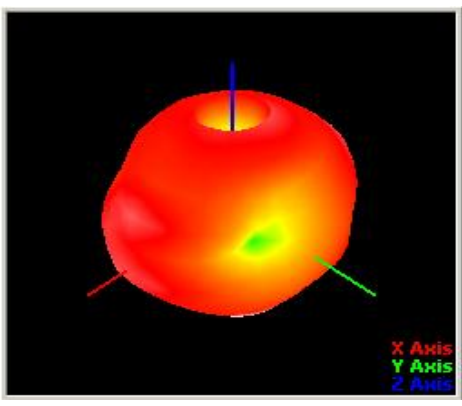
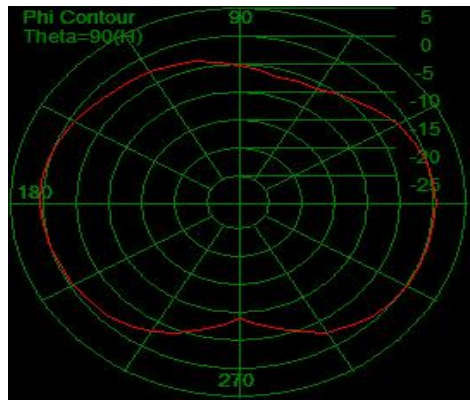
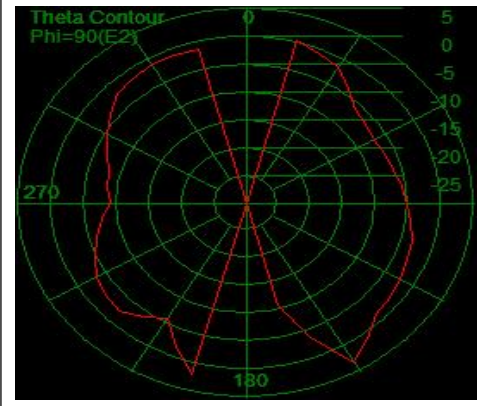
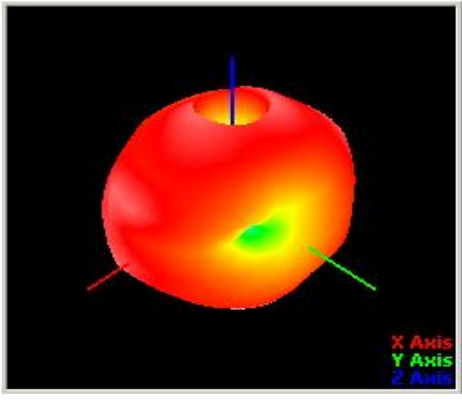
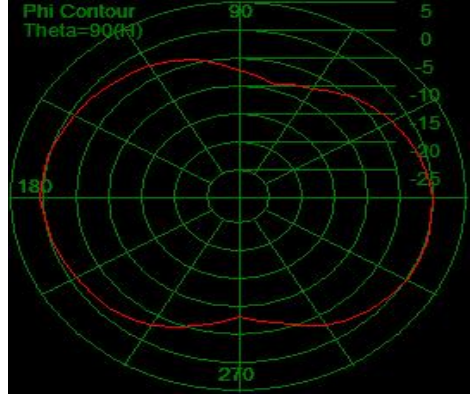
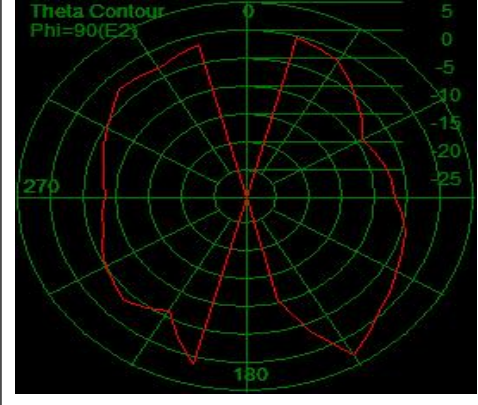
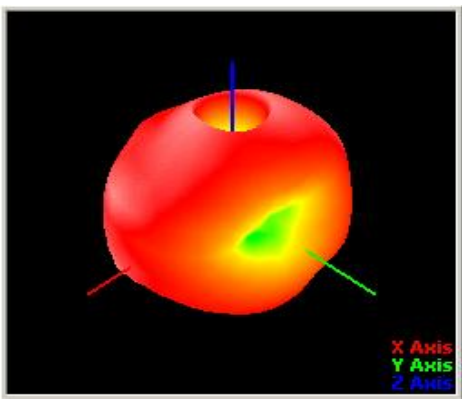
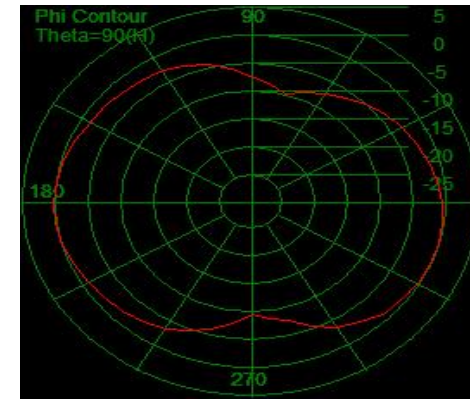
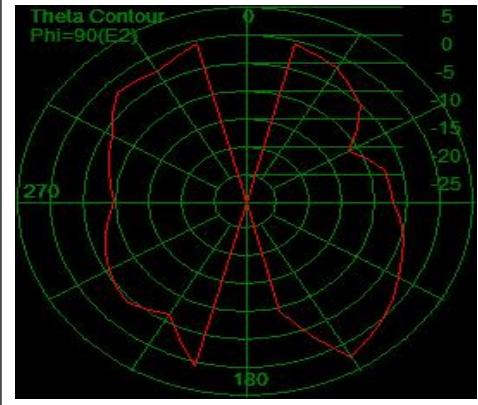
1. SWR:



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:68.8%</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:65.2%</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):1.86dBi</p> | <p>Efficiency:62.3%</p> |