



ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2. 4GCopperTubeAntenna, GrayLine, L=190MM, NoClips

Customer Part
Number: _____

Manufacturers of
Material: SFANT12G13341

Deliver quantity: 5PCS

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2025.12.15

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

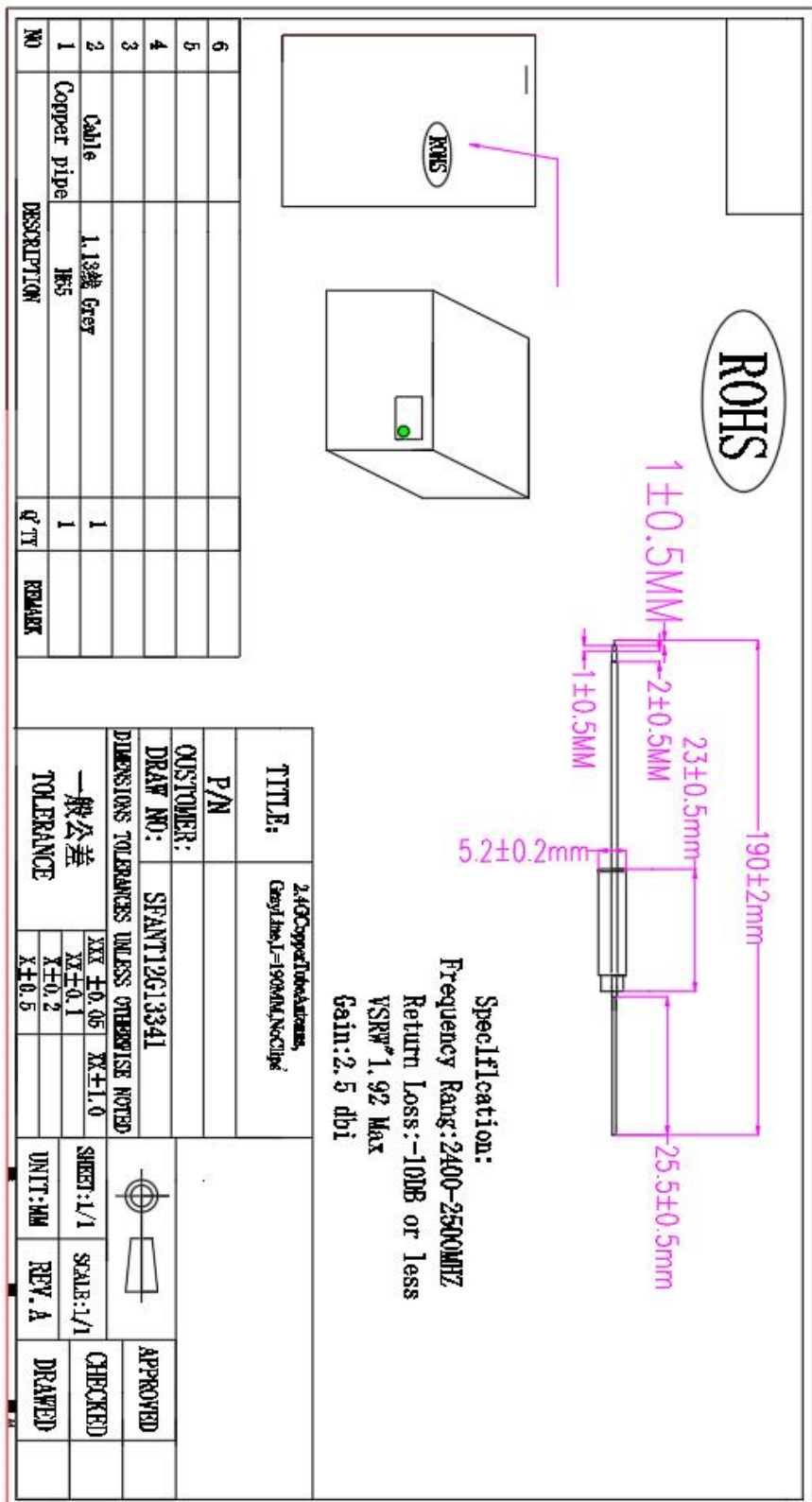
Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2483
Gain (dBi)	2.35
Impedance(Ω)	50 ± 10
ReTurnLoss(dB)	≤ -10
VSWR	≤ 1.92
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	Weld
Physical Properties	
Antenna Base	Copper
Operating Temp	-20°C-+60°C
Storage Temp	-20°C-+70°C

List of raw materials:

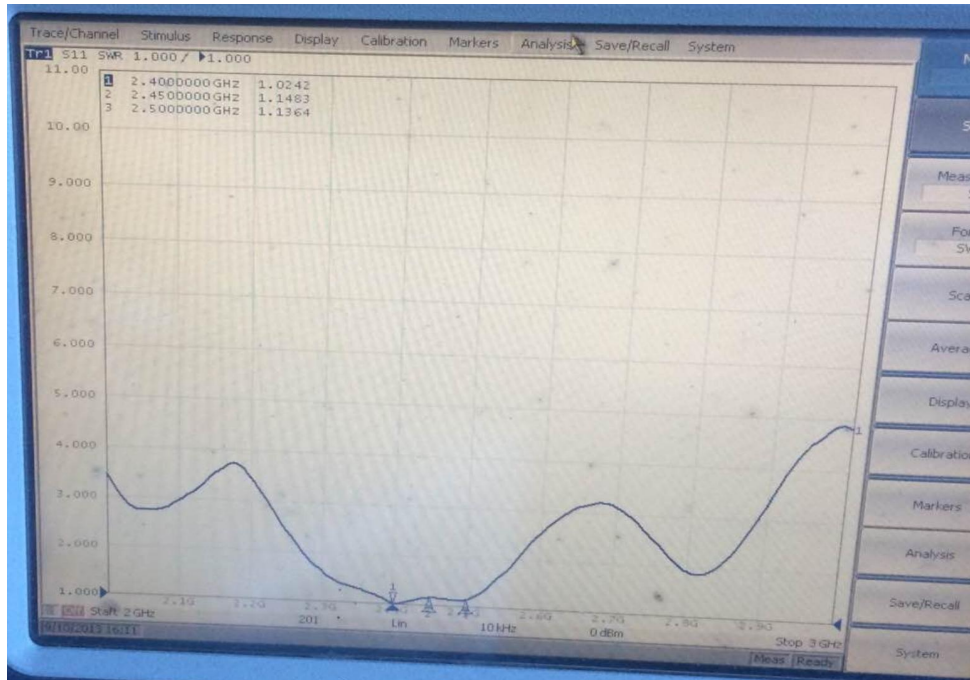
Serial number	Name	Texture	Quantity	Unit	Remark
1	Copper	Phosphor copper	1	PCS	
2	Wire	1.13 Gray	1	PCS	

Product drawing

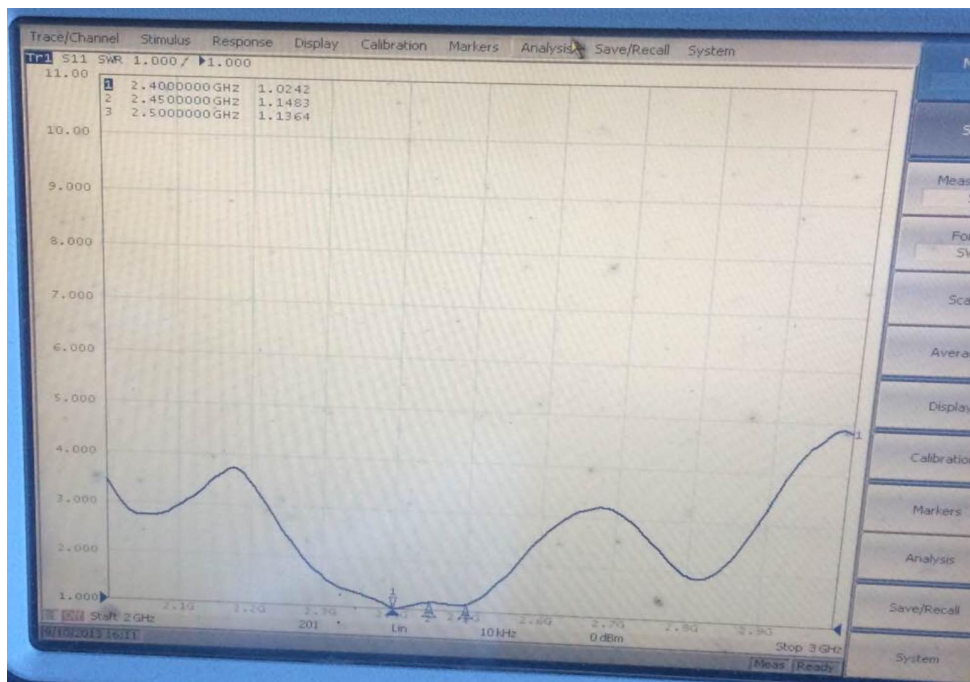


Network analyzer test report:

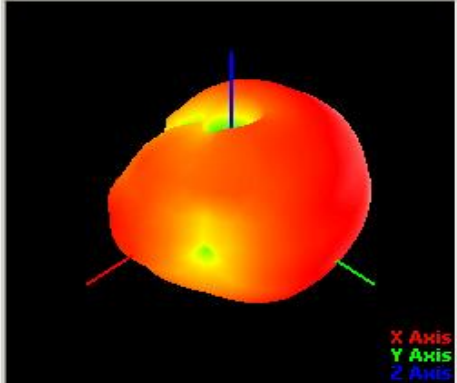
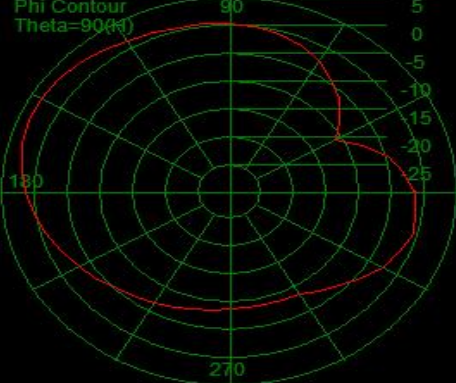
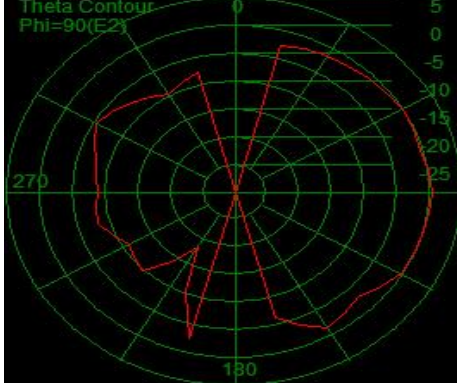
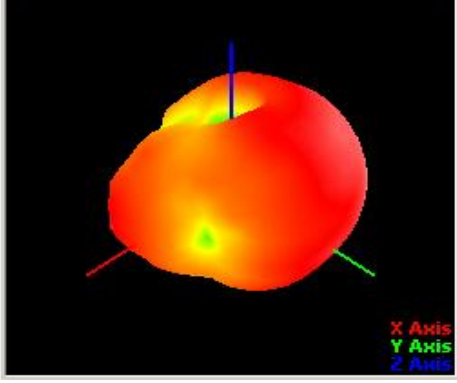
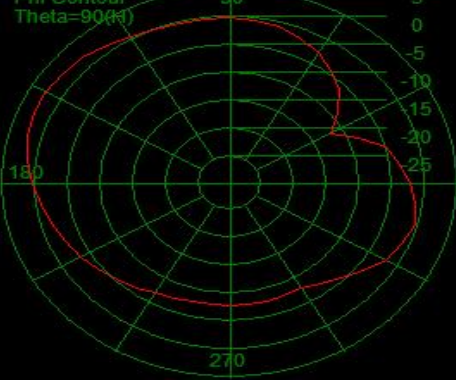
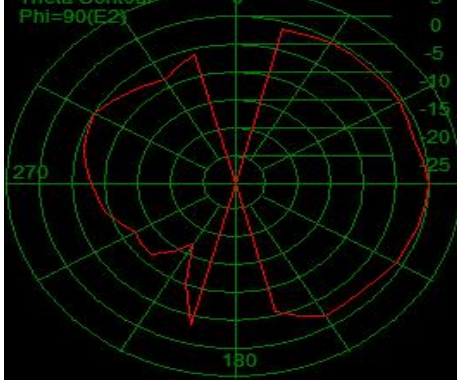
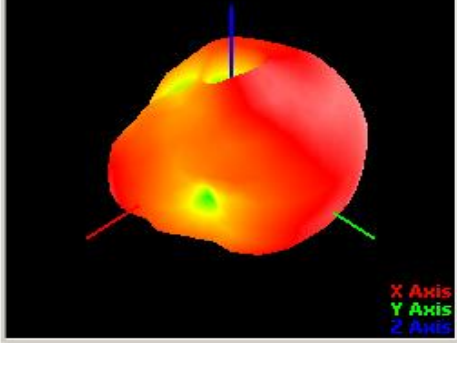
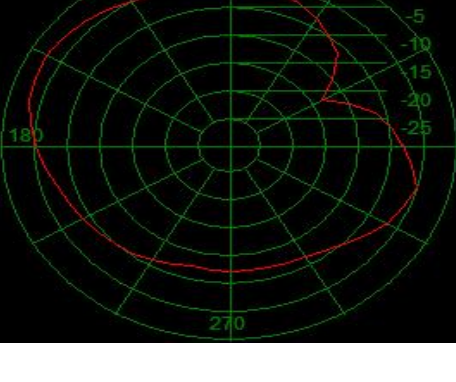
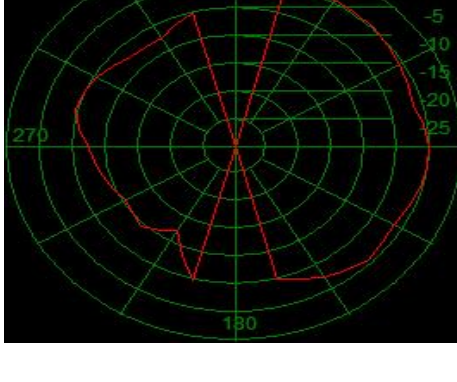
1. SWR:



2. return loss



2D、3DRaditation Pattern

 X Axis Y Axis Z Axis	 Phi Contour Theta=90(deg)	 Theta Contour Phi=90(deg)
2.4G	Gain(Peak):2.35dBi	Efficiency:63.5%
 X Axis Y Axis Z Axis	 Phi Contour Theta=90(deg)	 Theta Contour Phi=90(deg)
2.45G	Gain(Peak):2.23dBi	Efficiency:69.2%
 X Axis Y Axis Z Axis	 Phi Contour Theta=90(deg)	 Theta Contour Phi=90(deg)
2.5G	Gain(Peak):2.21dBi	Efficiency:59.5%