



ShenZhen XinErSheng Technology Co.,Ltd

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

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

Product drawing

Technical drawing of a tube antenna showing dimensions in millimeters (mm):

- Total length: 170MM
- End flange thickness: 1MM
- Inner diameter: 4.5MM
- Outer diameter: 24.5MM
- Mounting hole diameter: $\phi 26.5MM$
- Mounting hole offset: 1MM

ROHS

Specification:
Frequency Rang:2400-2500MHZ
Return Loss:-10DB or less
VSWR*1.92 Max
Gain:2.0 dbi

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

ShenZhen XinErSheng
Technology Co.,Ltd

P/N

CUSTOMER:

DRAW NO:

SHANT11A13359

DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED

TOLERANCE

XXX ± 0.05 XX ± 1.0

XX ± 0.1

X ± 0.2

X ± 0.5

APPROVED

CHECKED

DRAWED

SHEET: 1/1

SCALE: 1/1

UNIT: MM

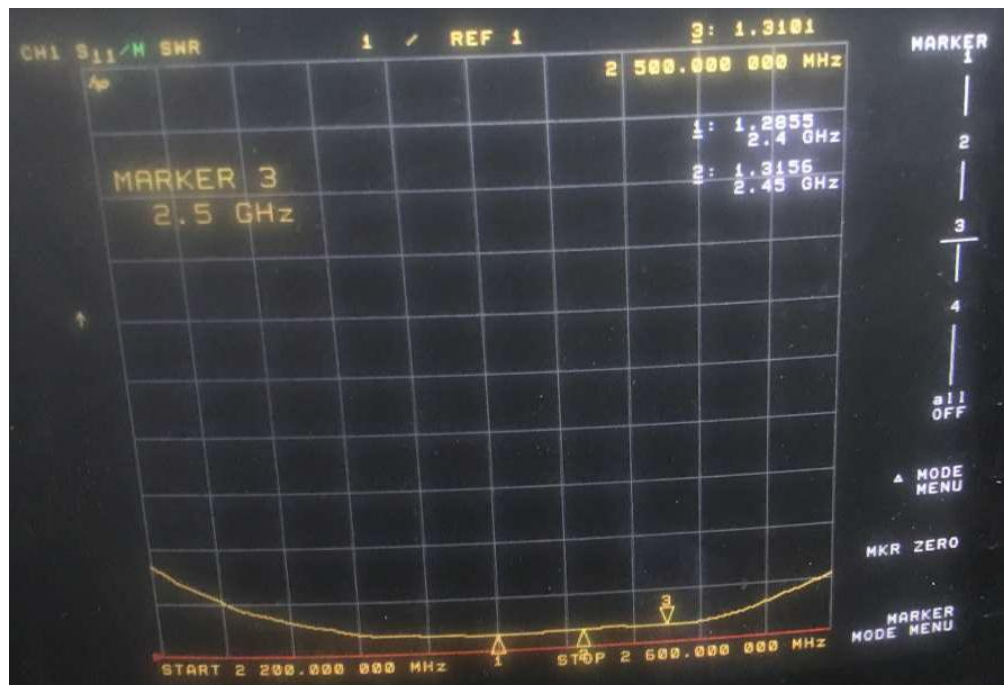
REV. A

DRAWED

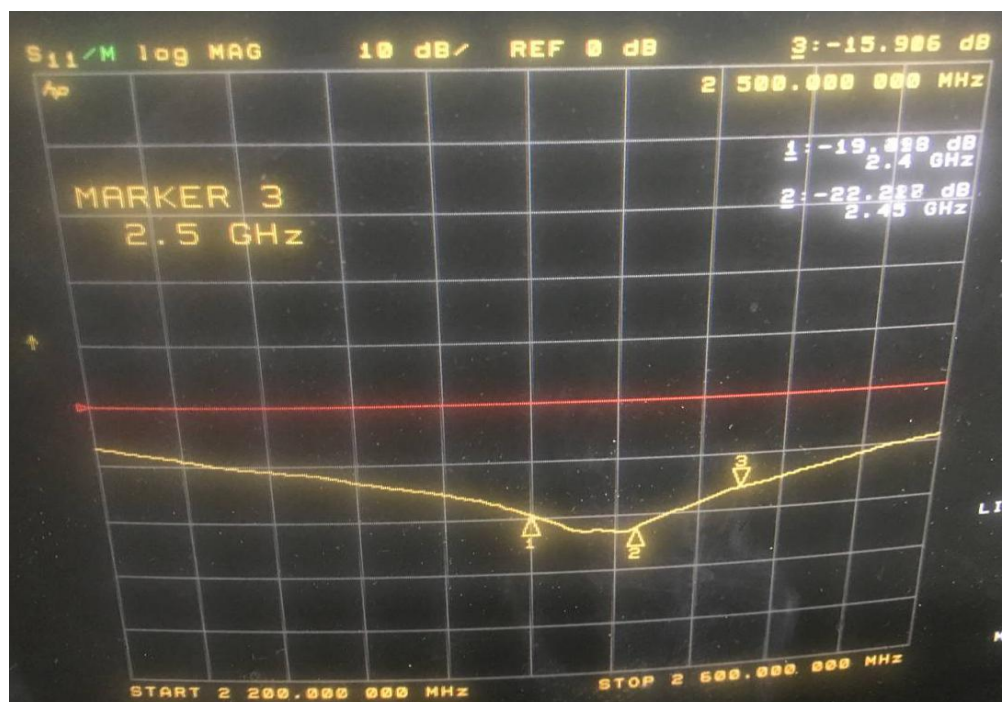
6			
5			
4			
3			
2	Cable	1.13 Grey	1
1	Copper pipe	B65	1
NO	DESCRIPTION		QTY REMARK

Network analyzer test report:

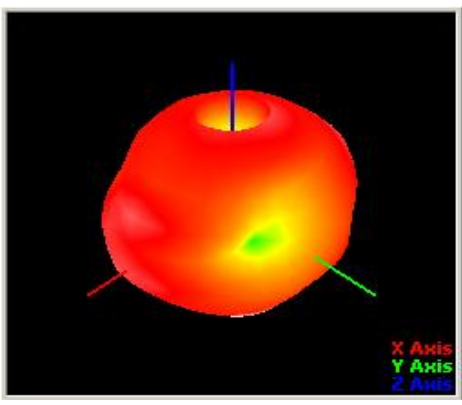
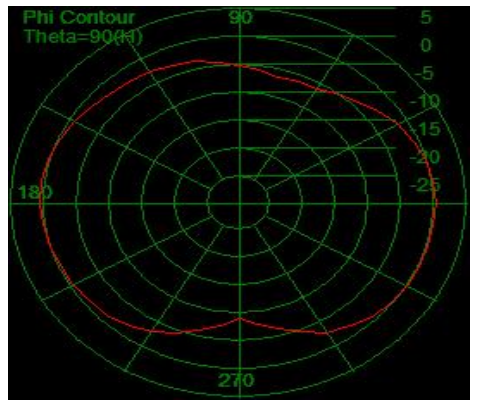
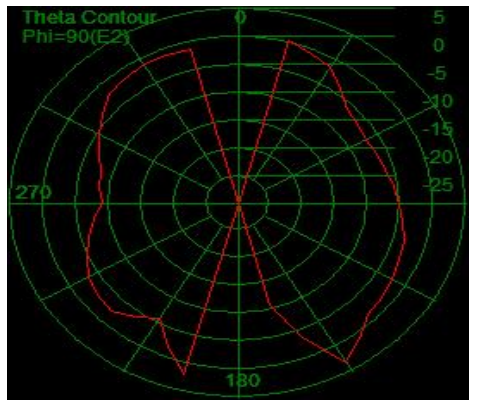
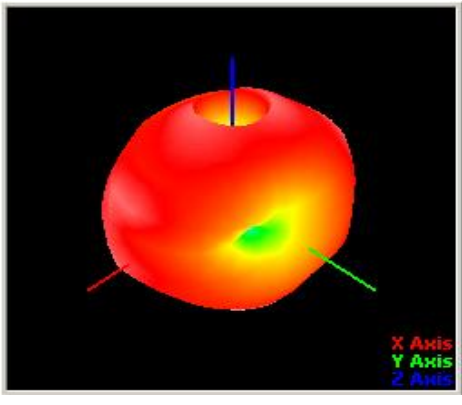
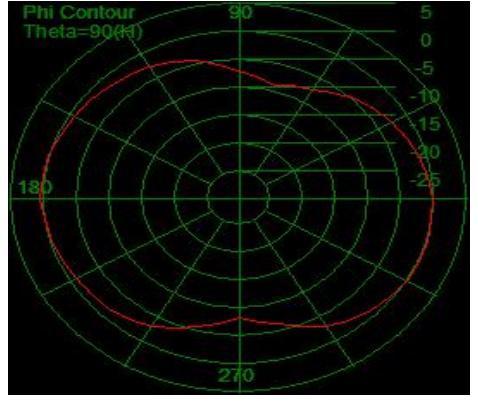
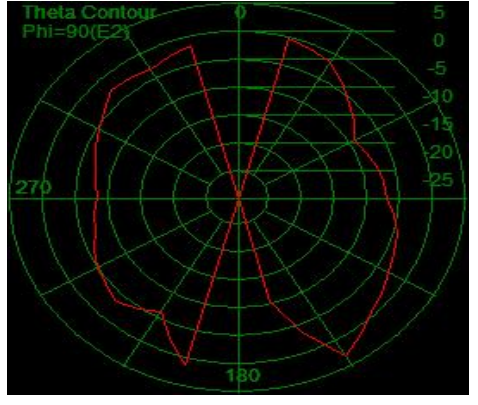
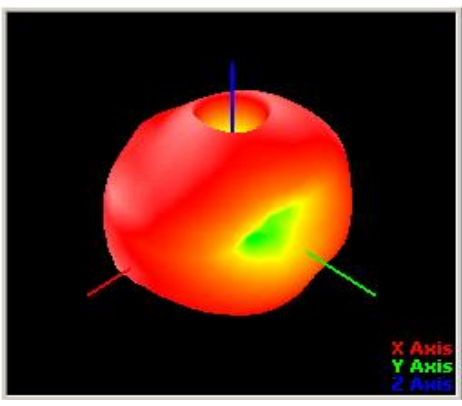
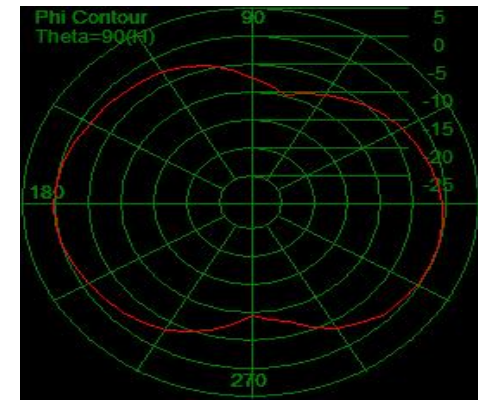
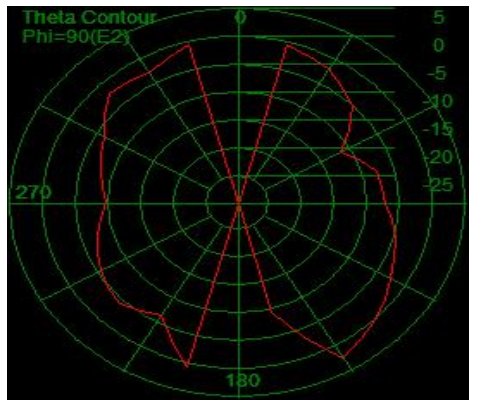
1. SWR:



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%