



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	

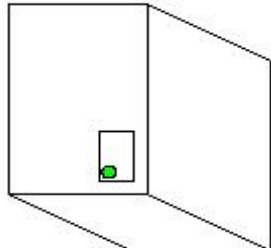
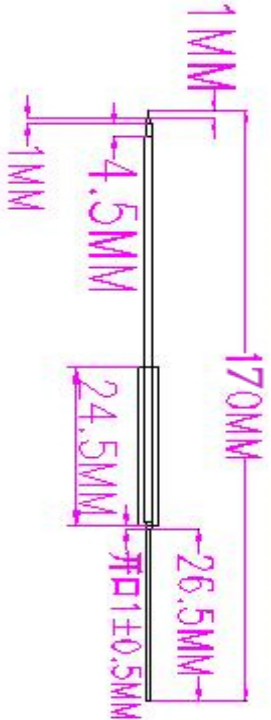
Product drawing

Product drawing







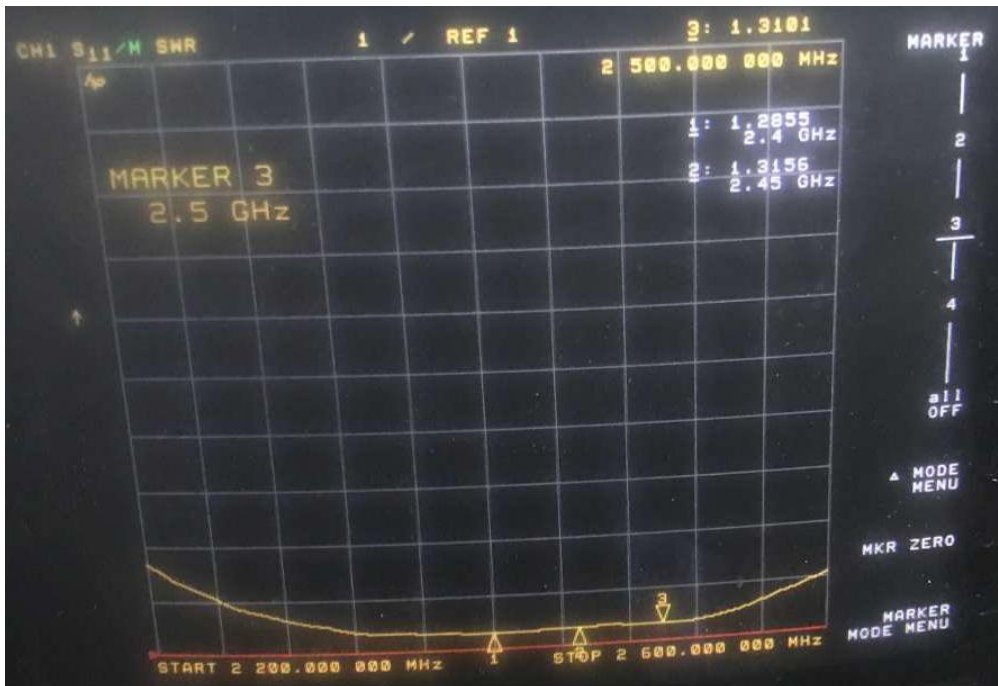
Specification:
 Frequency Rang:2400-2500MHZ
 Return Loss:-10DB or less
 VSWR*1.92 Max
 Gain:2.0 dbi

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

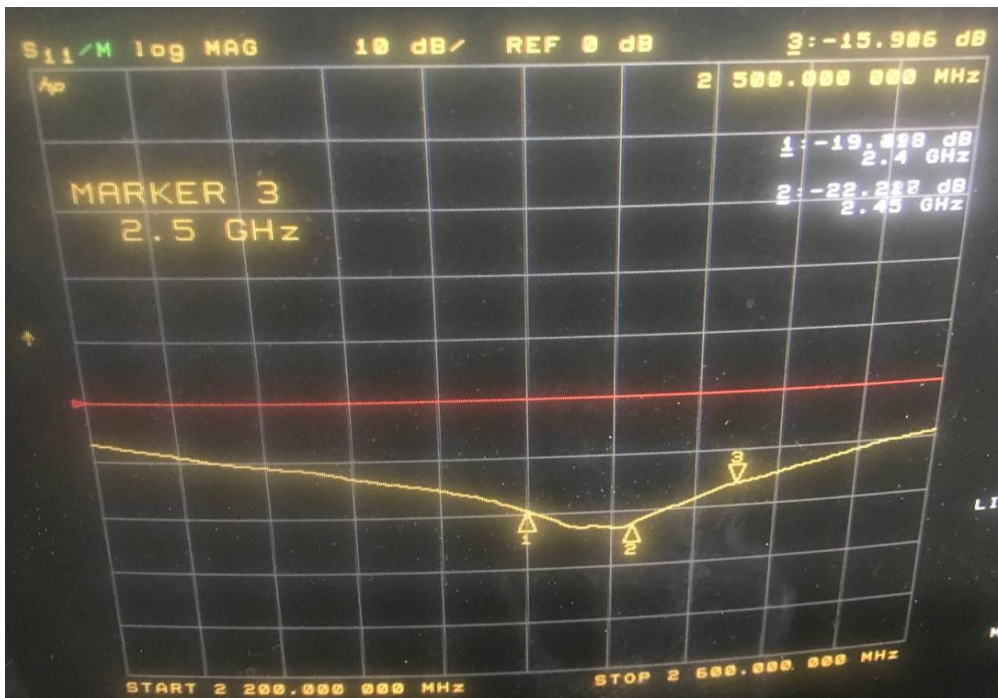
TITLE:	2.4G copper tube antenna 1.13 gray wire L=140MM	P/N			
OUTSUMER:		DRAW NO.:	SHANT11A13359		
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED					
TOLERANCE		XXX ±0.05	XX ±1.0	X ±0.1	X ±0.2
		X ±0.5			
UNIT:MM		REVISION	SCALE:1/1	SHEET:1/1	DATE:1/1
		APPROVED	CHECKED	DRAWED	
ShenZhen XinErSheng Technology Co.,Ltd					

Network analyzer test report:

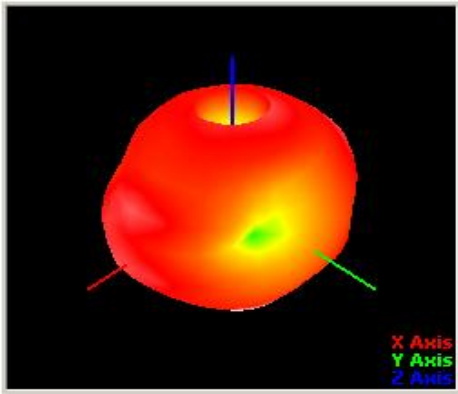
1. SWR:



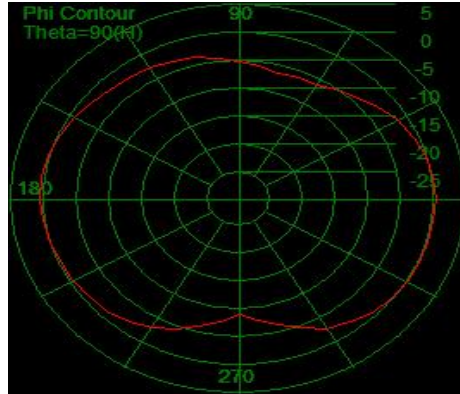
2. return loss



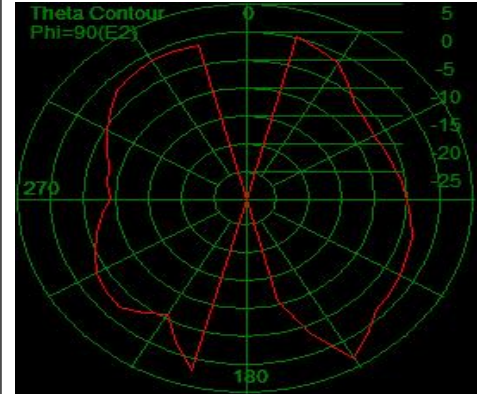
2D、3DRaditation Pattern



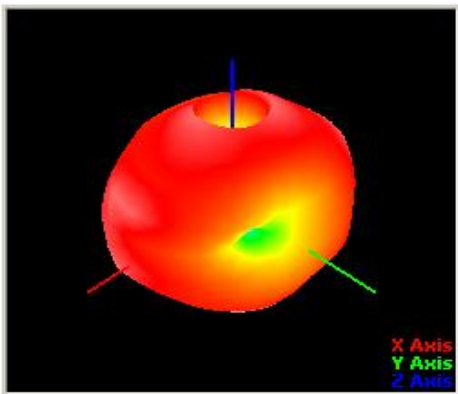
2.4G



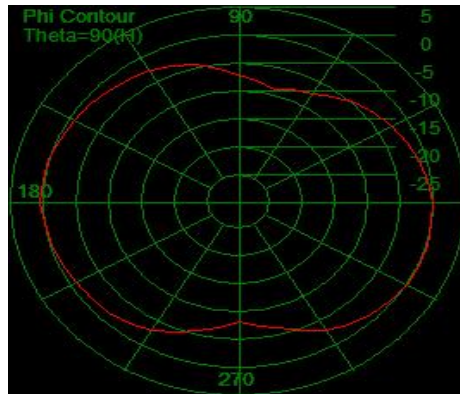
Gain(Peak):2.5dBi



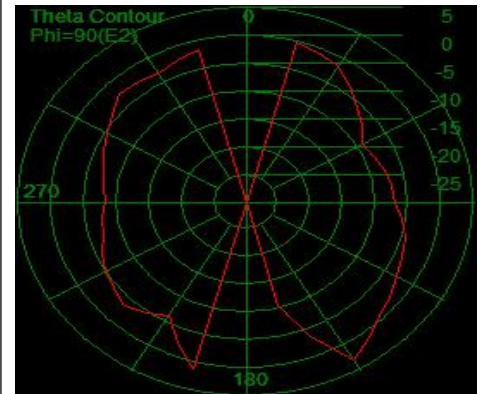
Efficiency:64.8%



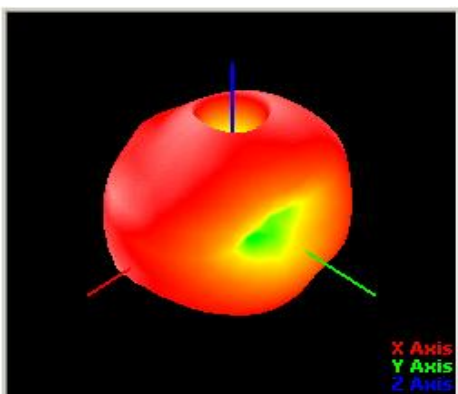
2.45G



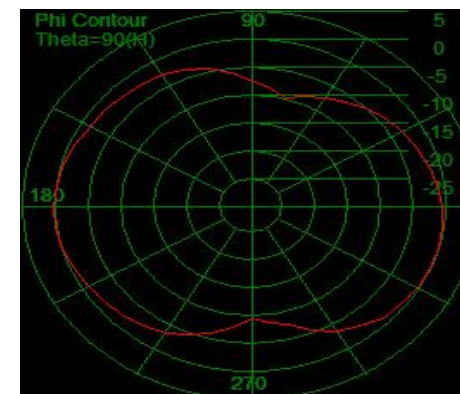
Gain(Peak):2.13dBi



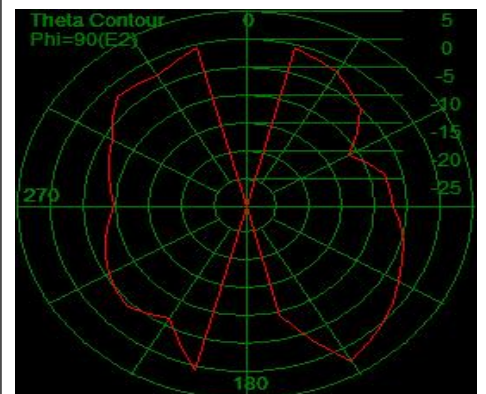
Efficiency:61.2%



2.5G



Gain(Peak):2.01dBi



Efficiency:58.3%