



SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G copper wire antenna

Customer Part Number: _____

Manufacturers of Material: SFANT12E3222

Deliver quantity: 5PCS

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2022.10.21

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)	2.05dBi
Impedance(Ω)	50\pm10
ReTurnLoss(dB)	\leq-10
VSWR	\leq2
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	Weld
Physical Properties	
Antenna Base	Copper
Operating Temp	-20$^{\circ}$C-+60$^{\circ}$C
Storage Temp	-20$^{\circ}$C-+70$^{\circ}$C

List of raw materials:

Serial number	Name	Texture	Quantity	Unit	Remark
1	Copper wire	TPE	1	PCS	



ShenZhen XinErSheng Technology Co.,Ltd

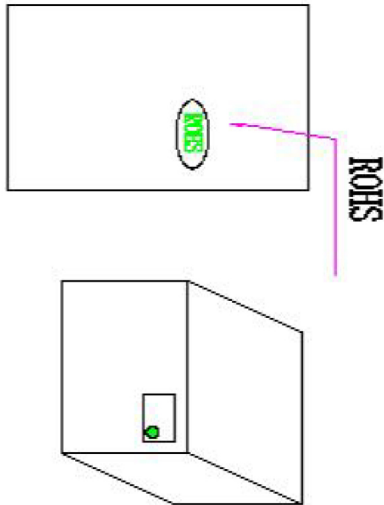
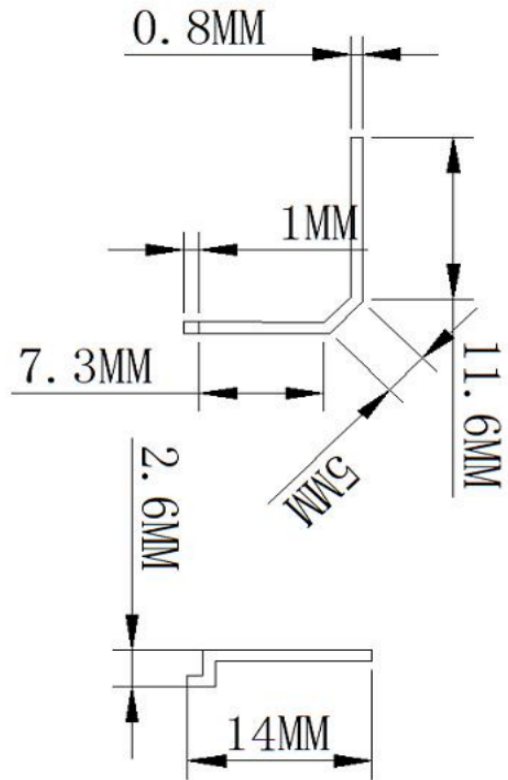
Product drawing



ShenZhen XinErSheng Technology Co.,Ltd

Product drawing

成品图



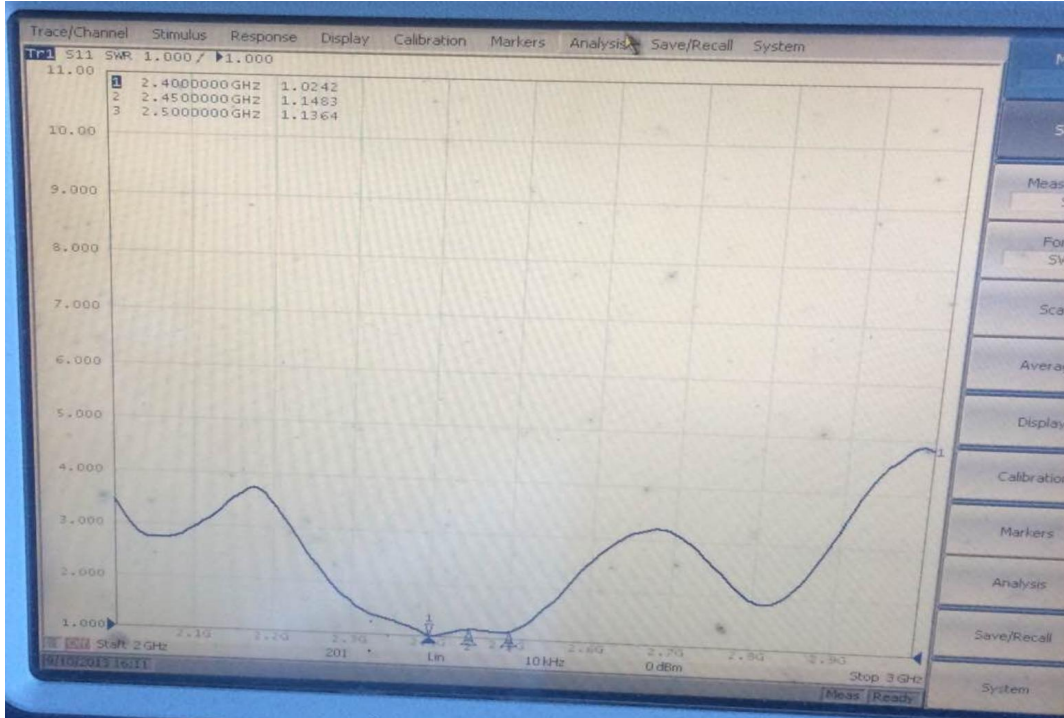
Specification:
 Frequency Range: 2400-2500MHZ
 Return Loss: -10DB or less
 VSWR: 1.92 Max
 Gain: 2.5 dBi

NO	DESCRIPTION	QTY
1	Spring	1
	Carbon steel	

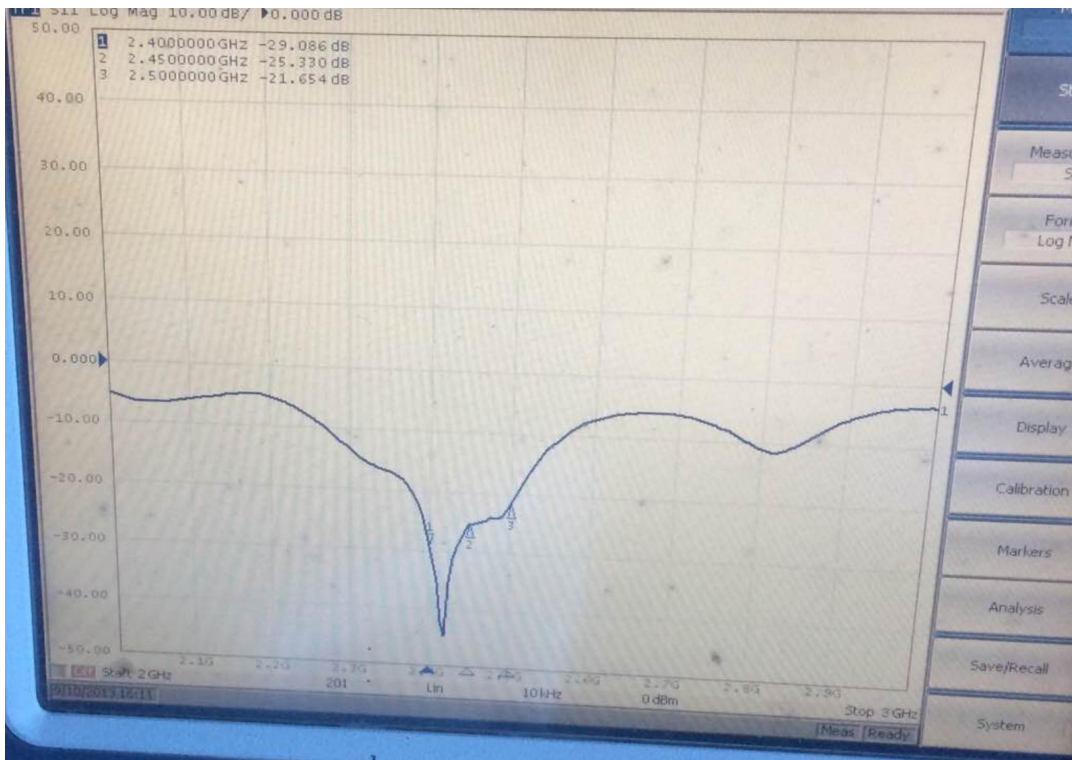
TITLE:	2.4G copper wire antenna		
P/N			
CUSTOMER:			
DRAW NO.:	SEAFIT12E1239		
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED			
TOLERANCE	XX ±0.05	Y ±1.0	
	M ±0.1		
	F ±0.2		
	X ±0.5		
SHEET: 1/1	SCALE: 1/1	CHECKED	APPROVED
UNIT: MM	REV. A	DRAWN	
ShenZhen XinErSheng(SuFei) Technology Co.,Ltd			

Network analyzer test report:

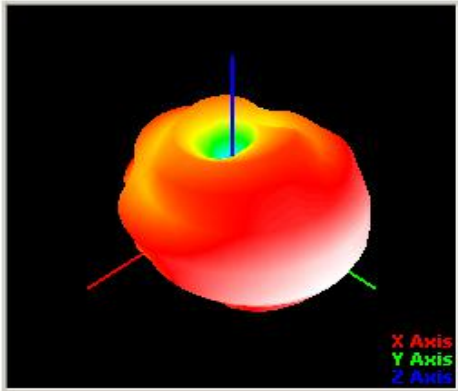
1. SWR:



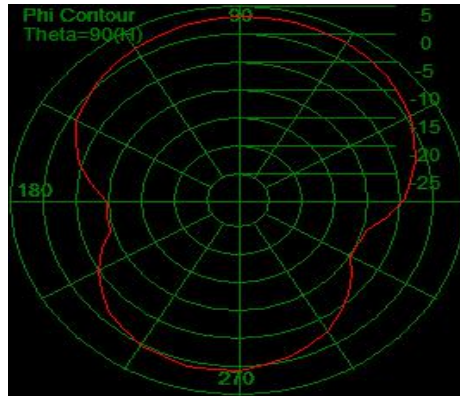
2. return loss



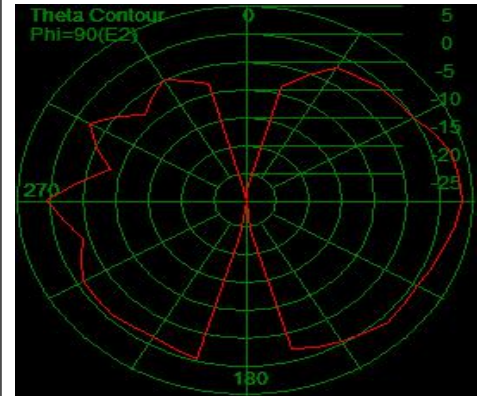
2D、3DRaditation Pattern



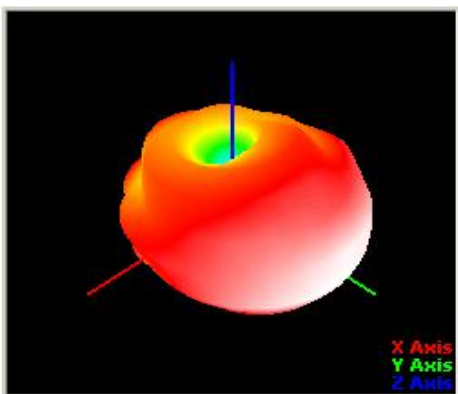
2.4G



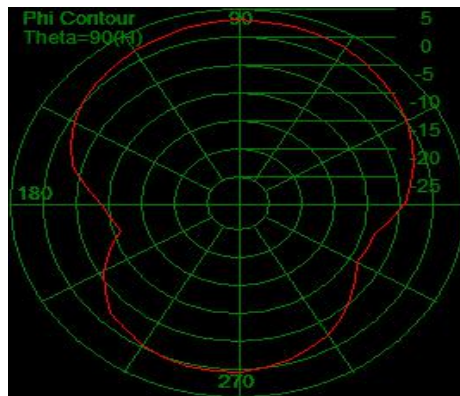
Gain(Peak):2.05dBi



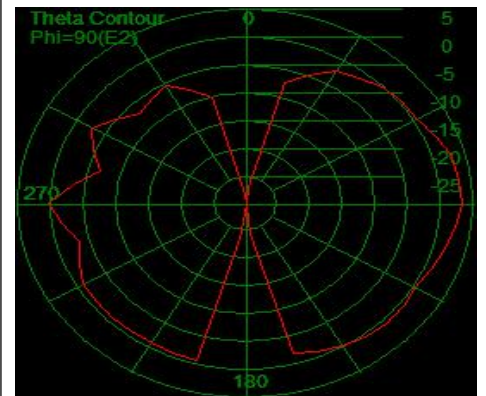
Efficiency:64.4%



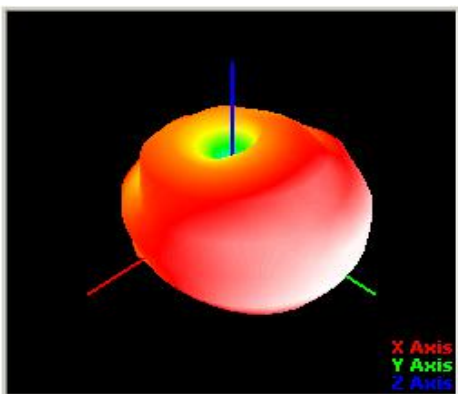
2.45G



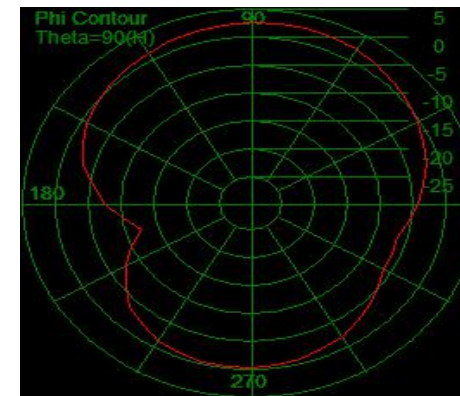
Gain(Peak):1.96dBi



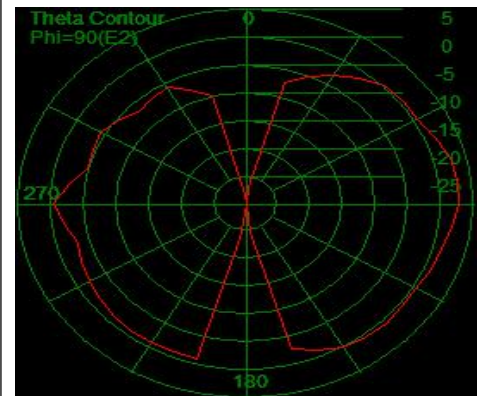
Efficiency:62.8%



2.5G



Gain(Peak):1.83dBi



Efficiency:61.4%