



ShenZhen XinErSheng Technology Co. , Ltd

SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G copper wire antenna

Customer Part

Number:

Manufacturers of

Material: SFANT12E1239

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@sufitech.com

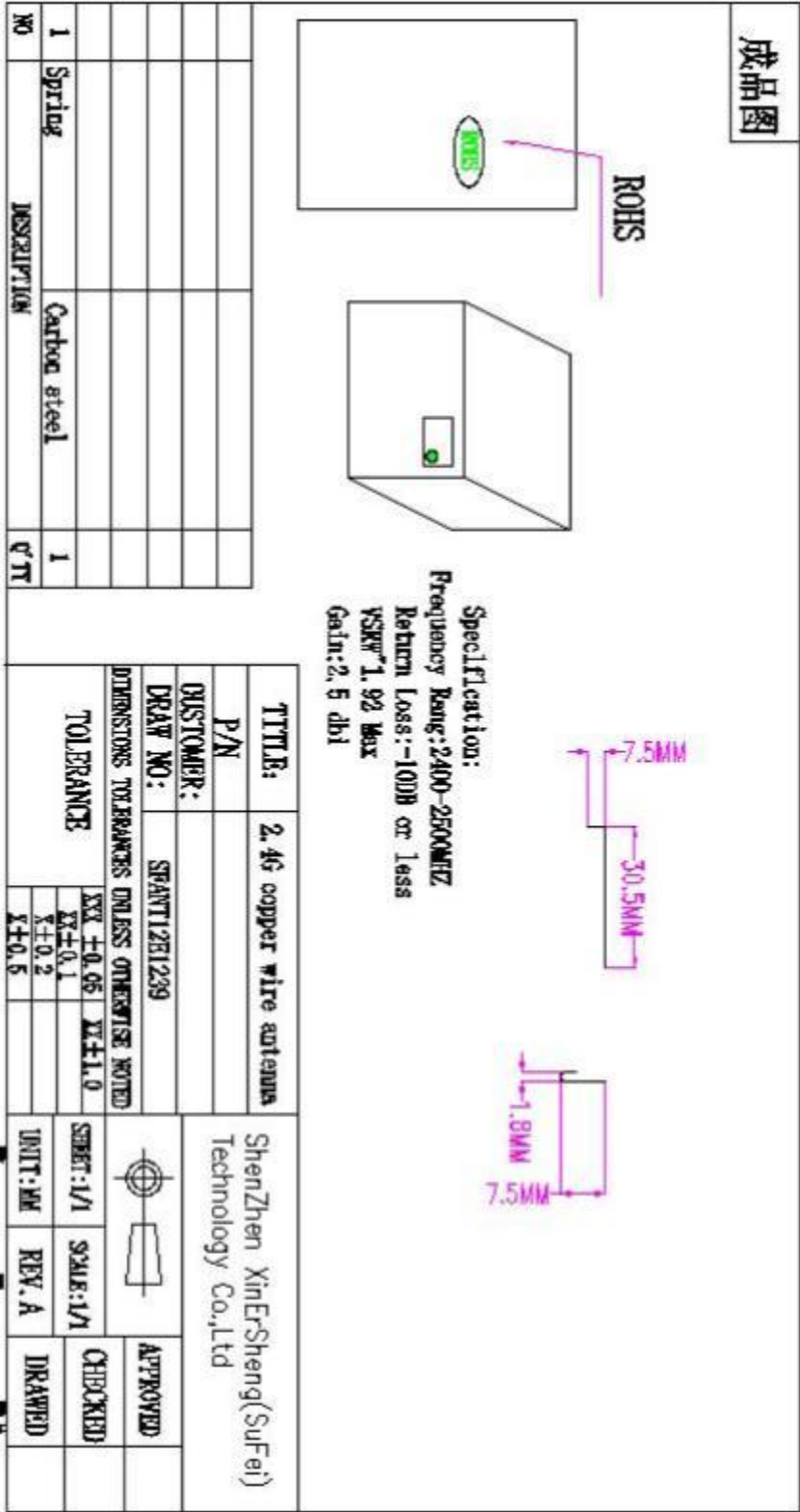
Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Gain (dBi)	2.5±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:

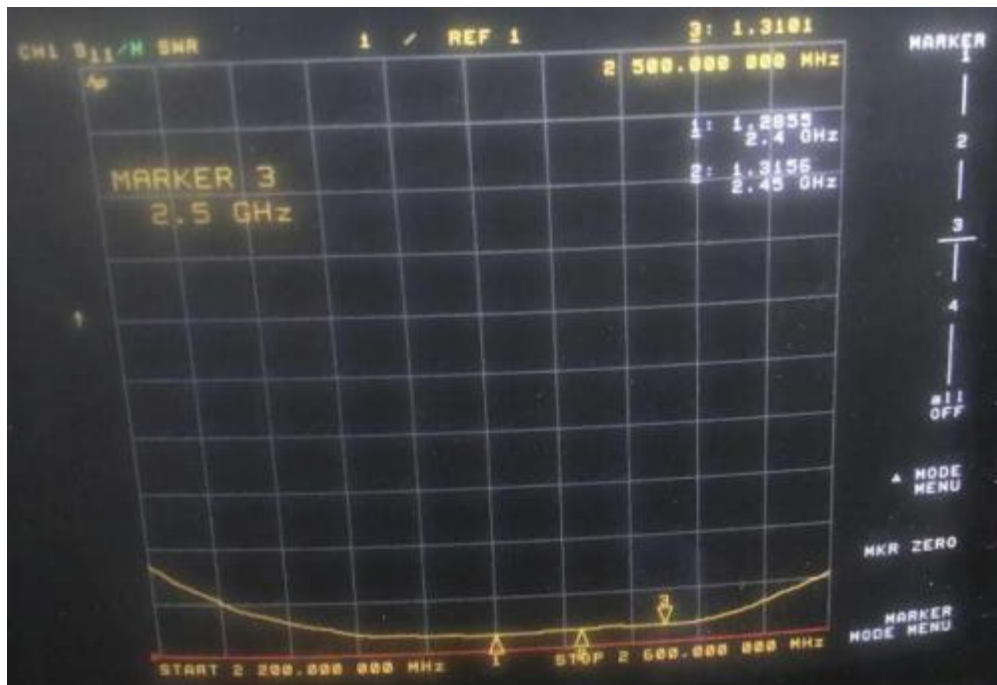
Serial number	Name	Texture	Quantity	Unit	Remark
1	Copper wire	TPE	1	PCS	

Product drawing



Network analyzer test report:

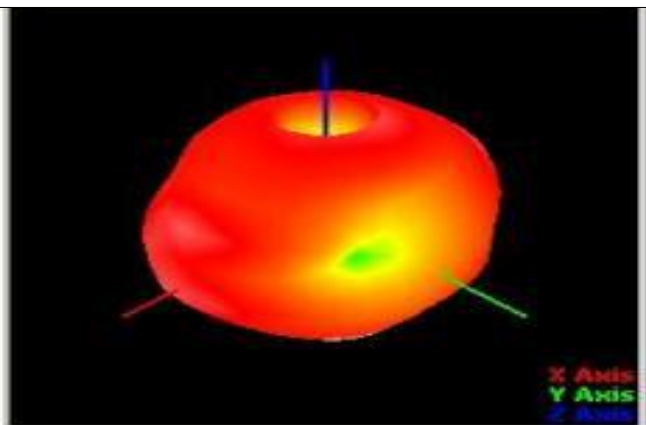
1. SWR:



2. return loss

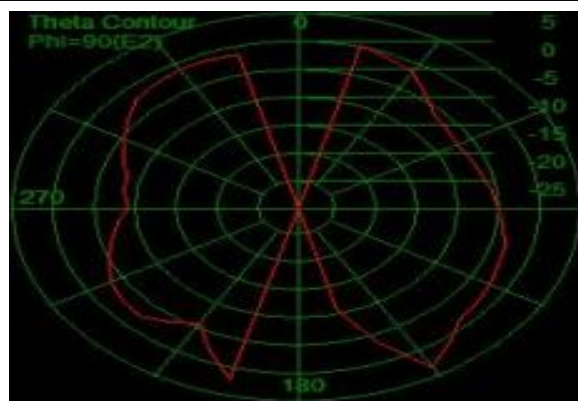


2D 、3DRaditation Pattern

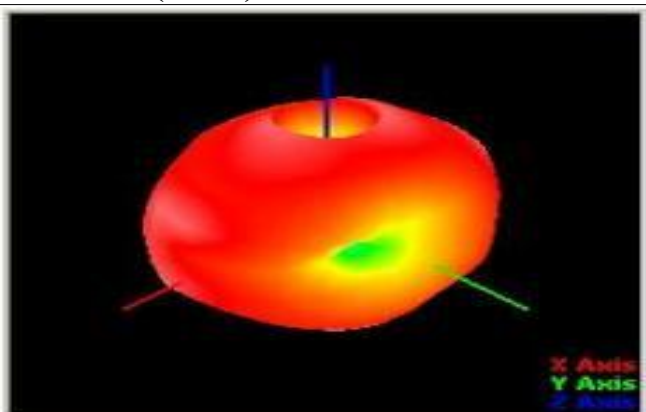


2.4G

Gain(Peak):3.00dBi

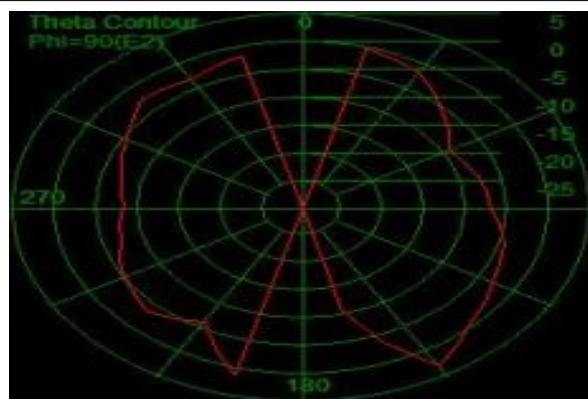


Efficiency:56.6%

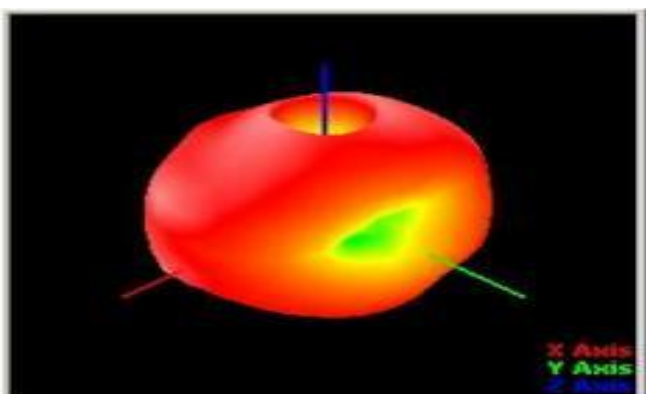


2.45G

Gain(Peak):2.61dBi

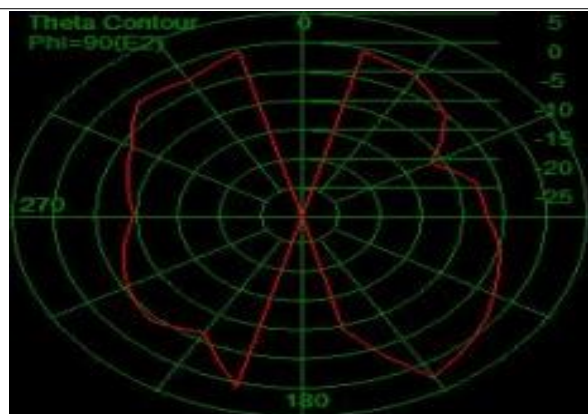


Efficiency:53.9%



2.5G

Gain(Peak):2.67dBi



Efficiency:54.8%