



Sheen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G copper tube antenna

Customer Part
Number:

Manufacturers of
Material: SFANTR316001

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

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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	Wire rod	316 wire	1	PCS	

Product drawing

Product drawing

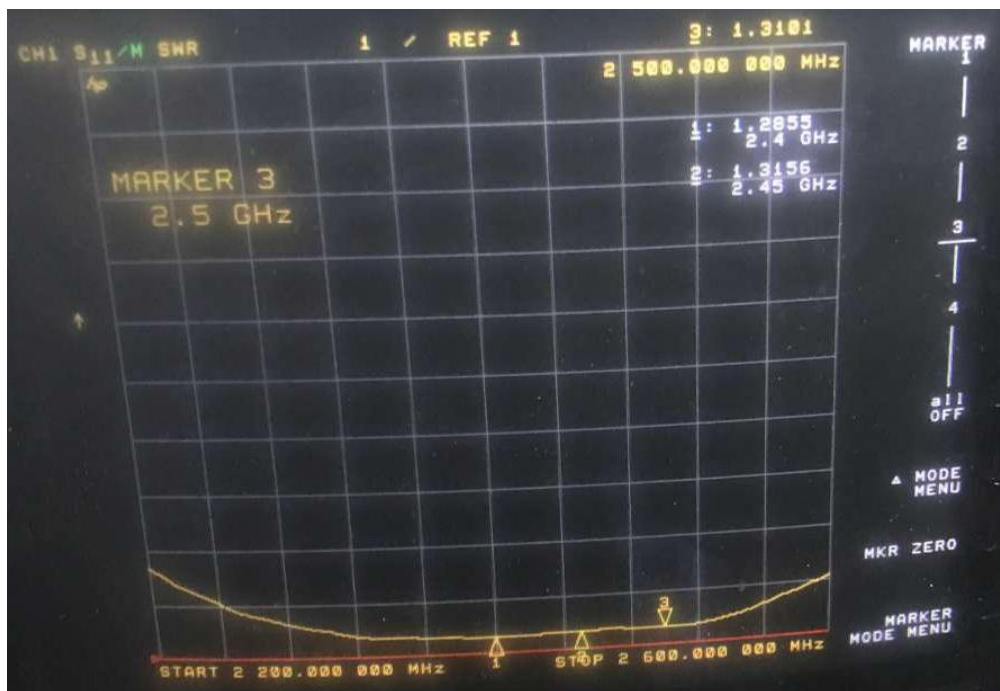
Speciflication:
Frequency Rang:2400-2500MHZ
Return Loss:-10DB or less
VSWR*1.92 Max
Gain:2.0 dbi

6			
5			
4			
3			
2			
1	Cable	316 wire	1
NO	DESCRIPTION	QTY	REMARK

TITLE:		2.4G copper tube antenna		ShenZhen XinErSheng Technology Co.,Ltd			
P/N							
CUSTOMER:							
DRAW NO.:		SPANTR316001					
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED							
TOLERANCE							
	XX ±0.06	XX ±1.0		SHEET:1/1	SCALE:1/1	CHECKED	
	XX ±0.1			UNIT:MM	REV.A	DRAWED	
	XX ±0.2						
	XX ±0.5						

Network analyzer test report:

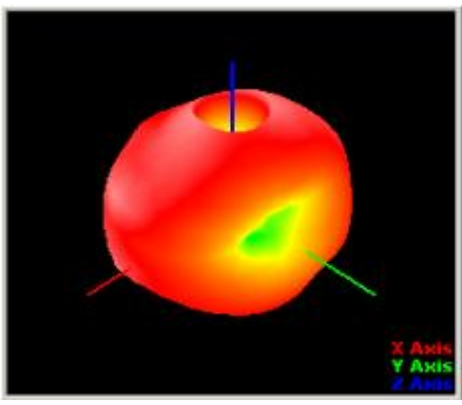
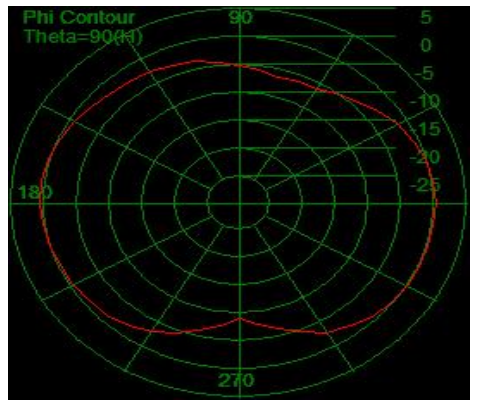
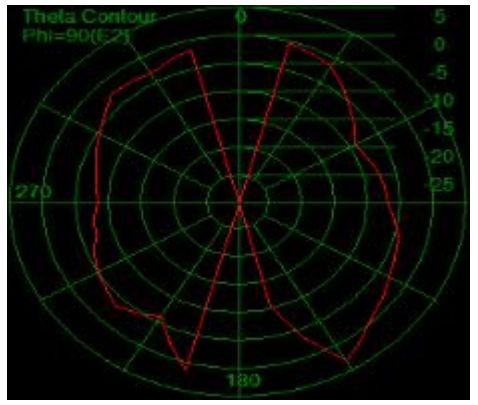
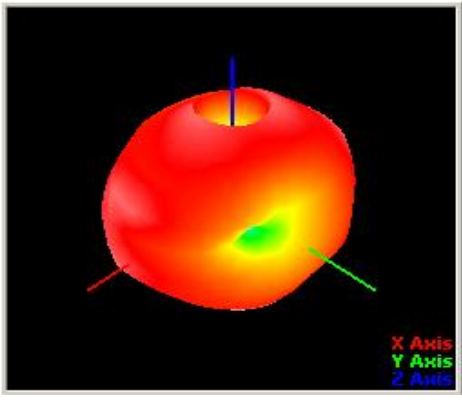
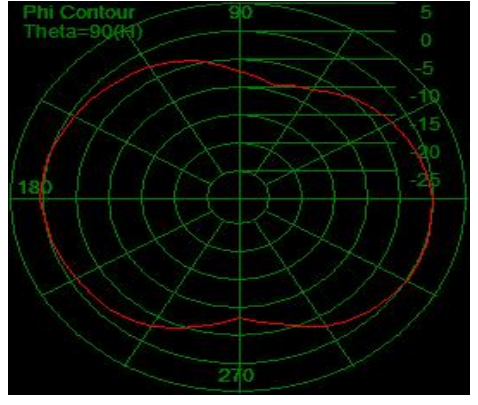
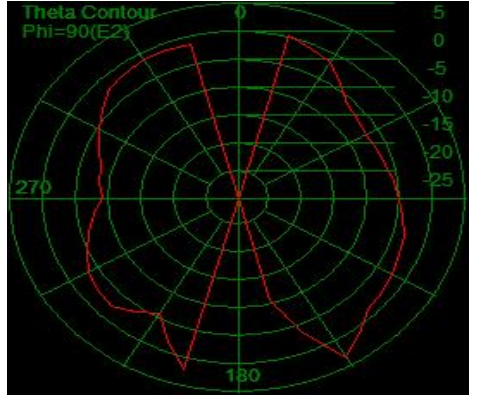
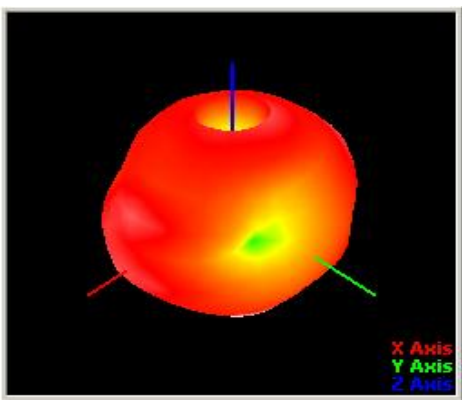
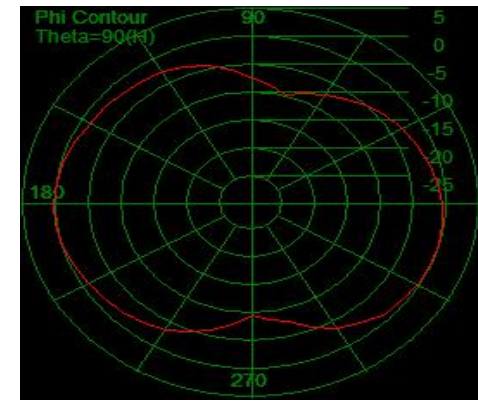
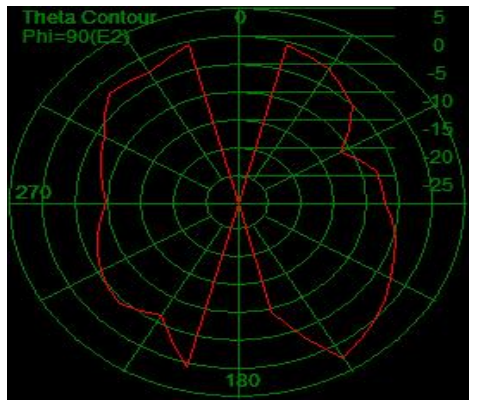
1. SWR:



2. return loss



2D、3DRaditation Pattern

		
2.4G	Gain(Peak):1.91dBi	Efficiency:51.2%
		
2.45G	Gain(Peak):2 dBi	Efficiency:53.1%
		
2.5G	Gain(Peak):1.96dBi	Efficiency:52.7%