



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)	1.85 dBi
Impedance(Ω)	50 $\pm$ 10
ReTurnLoss(dB)	$\leq$ -10
VSWR	$\leq$ 2
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	Wire rod	316 wire	1	PCS	

Product drawing

Product drawing

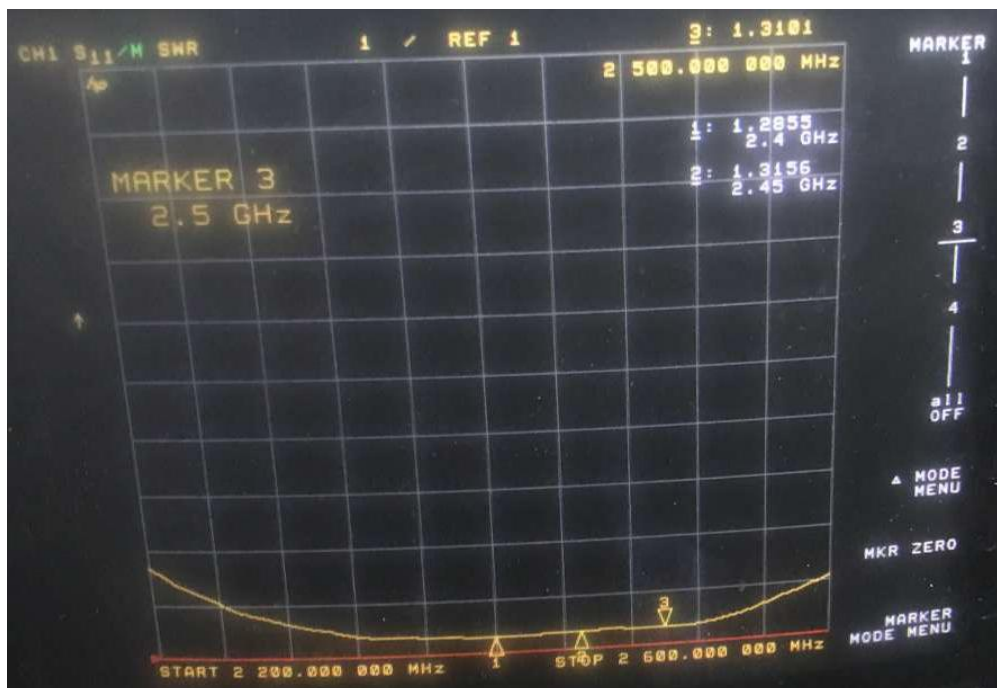
Specification:
Frequency Rang:2400-2500MHZ
Return Loss:-10DB or less
VSWR<1.92 Max
Gain:2.0 dBi

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

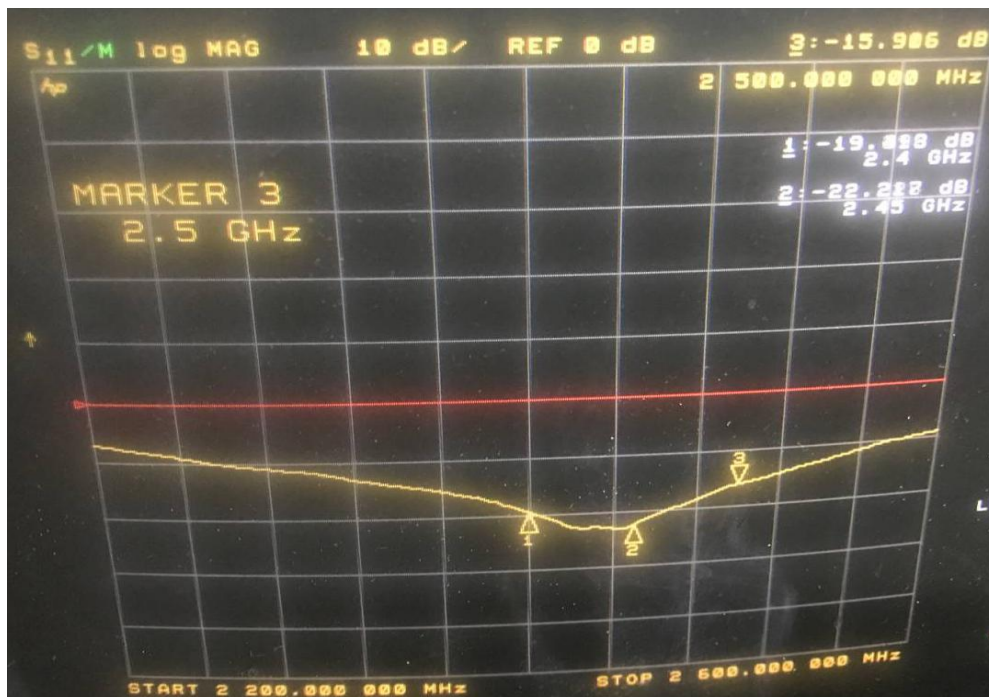
TITLE:		2.4G copper tube antenna		ShenZhen XinErSheng Technology Co.,Ltd			
P/N							
CUSTOMER:							
DRAW NO.:		SPANTR316001		APPROVED CHECKED DRAWED			
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED							
TOLERANCE							
	XX ±0.05	XX ±1.0					
	XX ±0.1						
	XX ±0.2						
	XX ±0.5						
SHEET:1/1		SCALE:1/1					
UNIT:MM		REV. A					

Network analyzer test report:

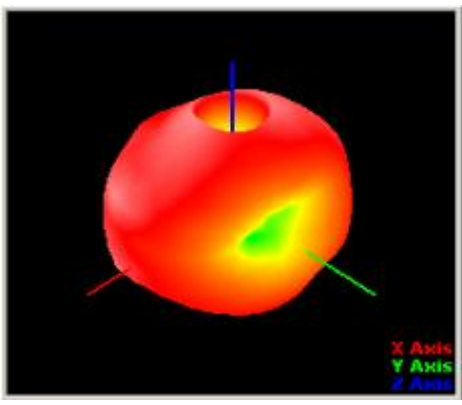
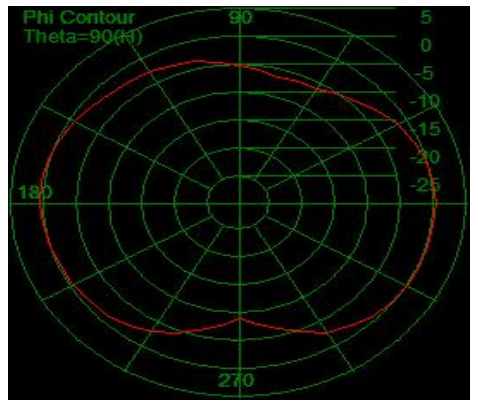
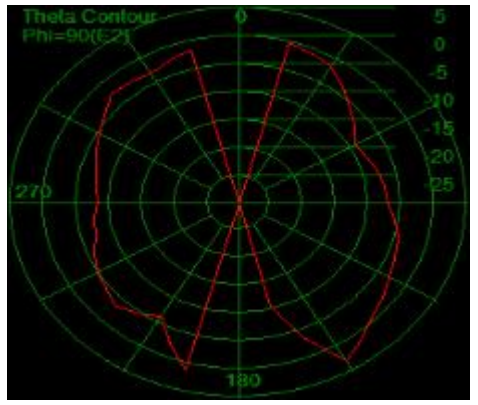
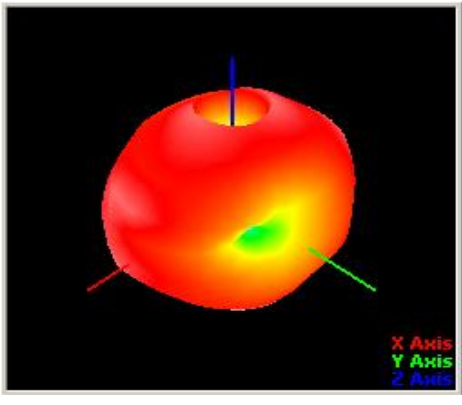
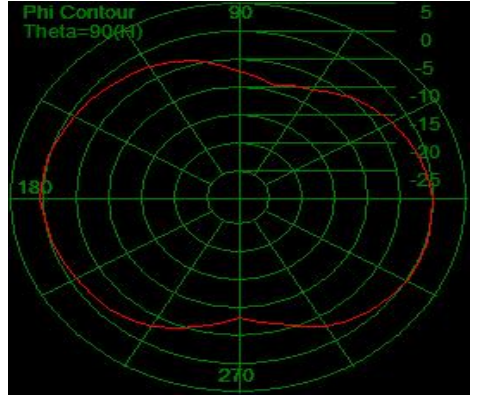
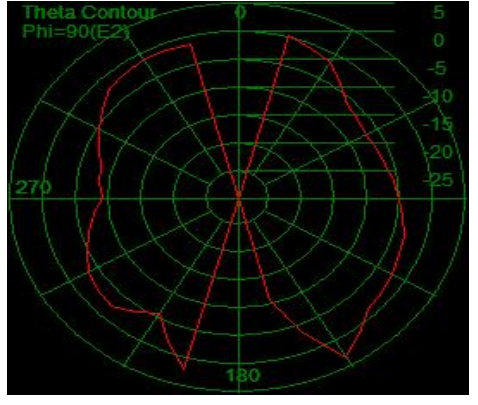
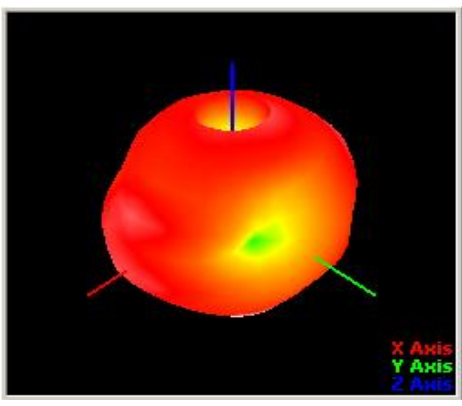
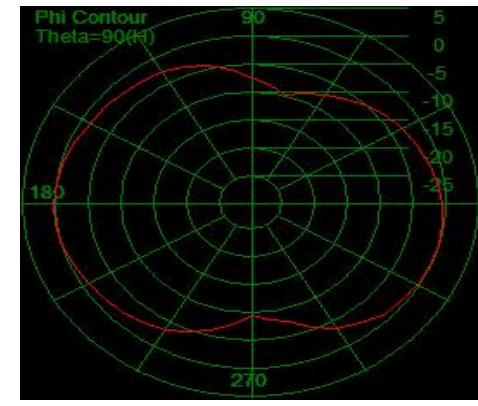
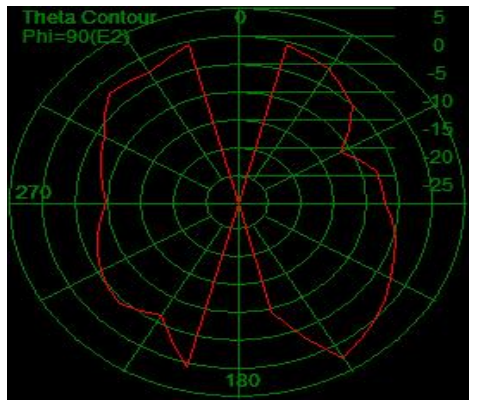
1. SWR:



2. return loss



2D、3DRaditation Pattern

		
2.4G	Gain(Peak):1.76dBi	Efficiency:51.2%
		
2.45G	Gain(Peak):1.85dBi	Efficiency:53.1%
		
2.5G	Gain(Peak):1.81dBi	Efficiency:52.7%