鑫尔盛 XIN ER SHENG

ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

Customer nane： BeiNaiTe

Product name： 2.4G copper tube antenna 1.13 gray wire L=140MM

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

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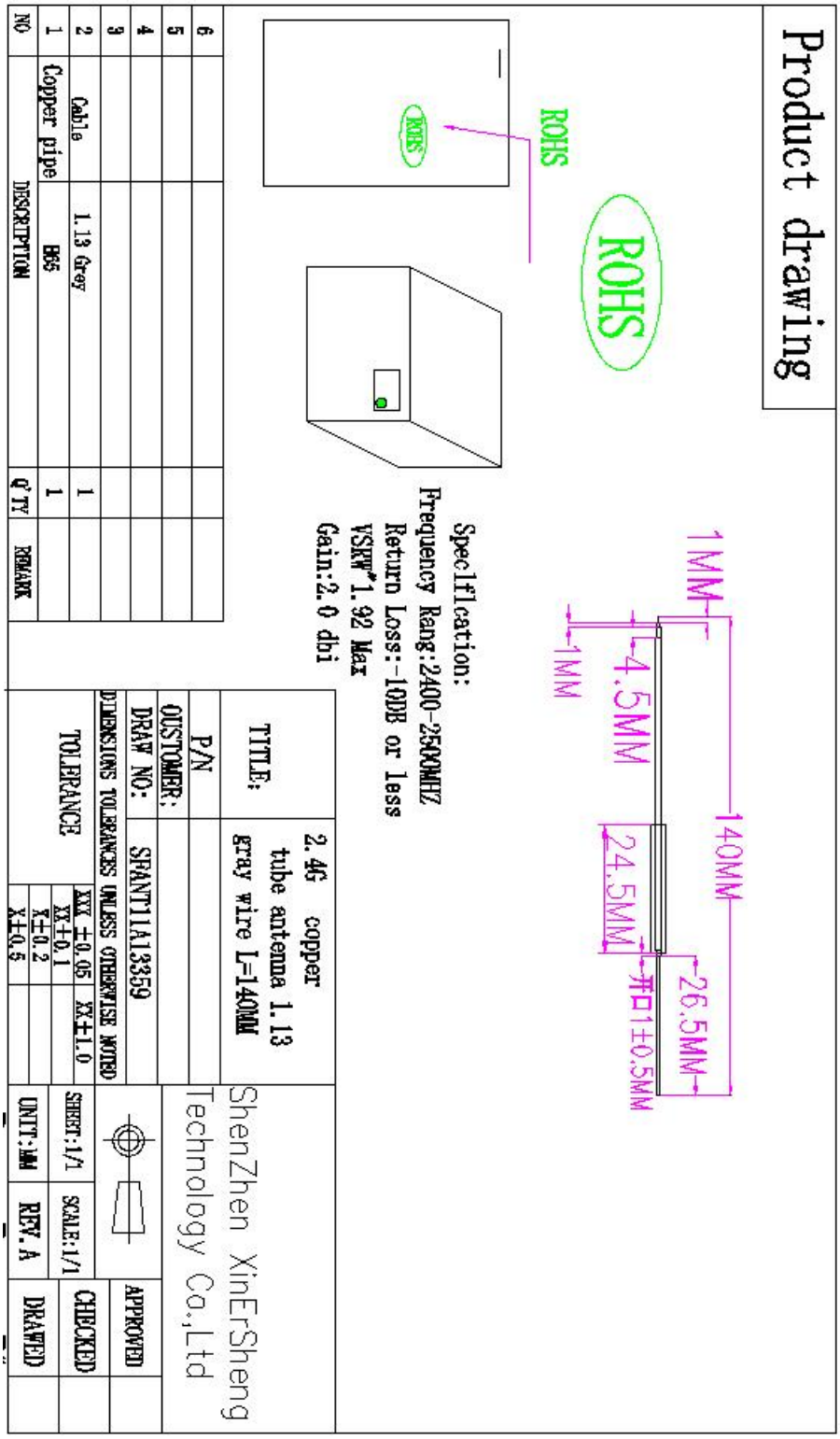
Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Gain（dBi）	2dBi
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：

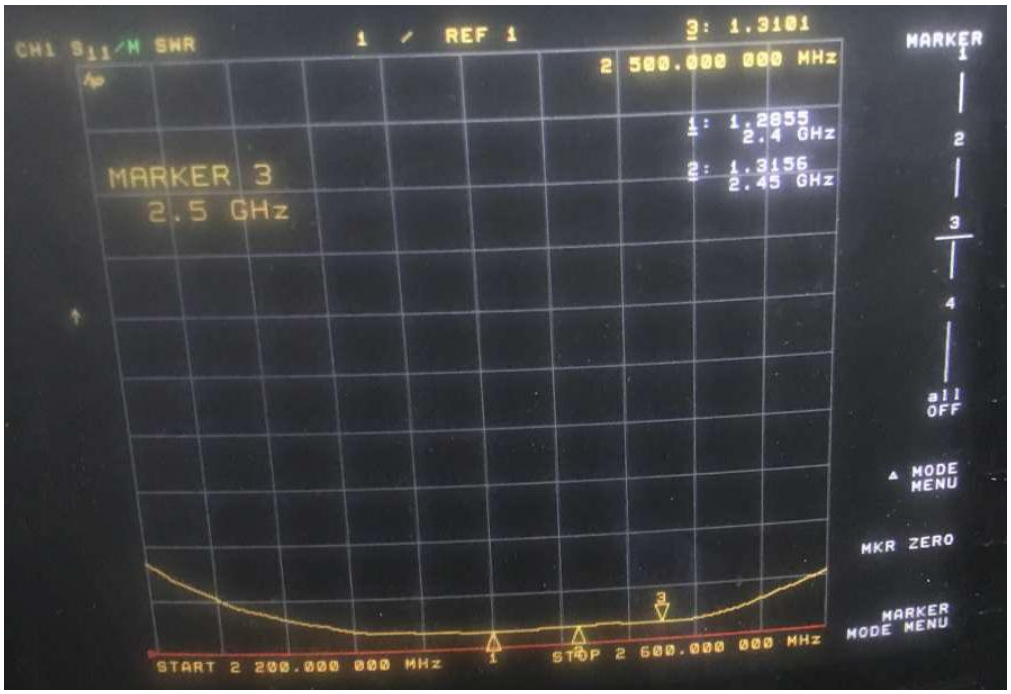
Serial mumber	Name	Texture	Quantity	Unit	Remark
1	Copper pipe	Copper(H65)	1	PCS	
2	Wire rod	1.13 Gray	1	PCS	

Product drawing



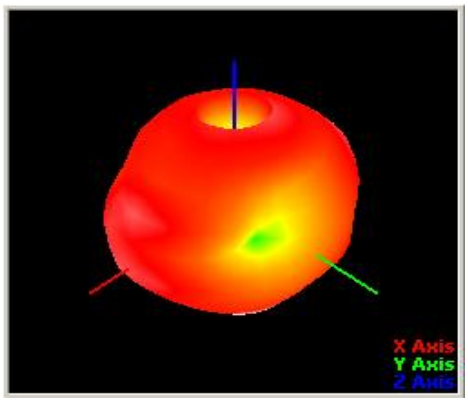
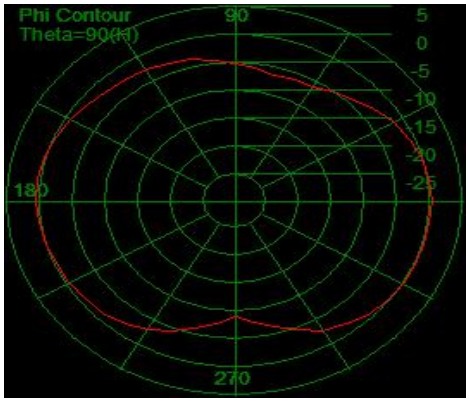
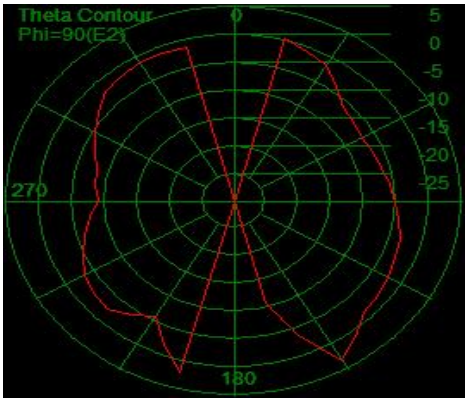
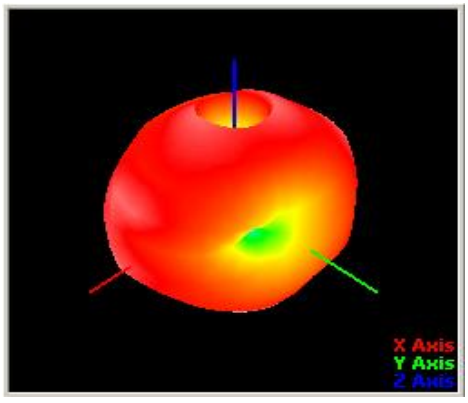
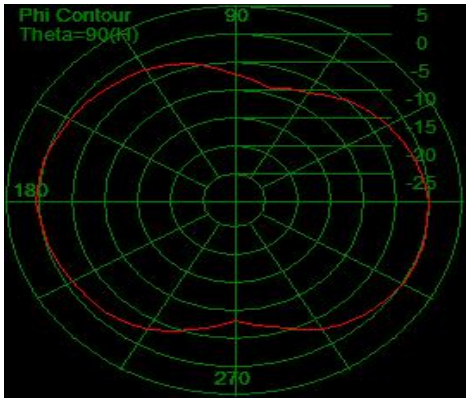
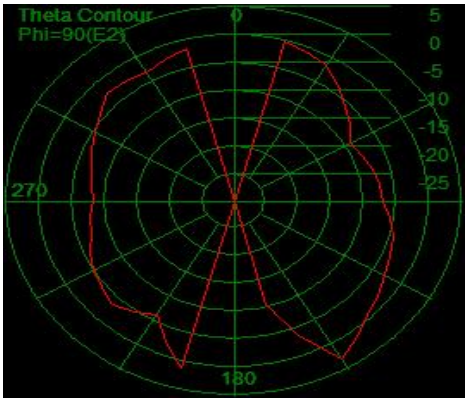
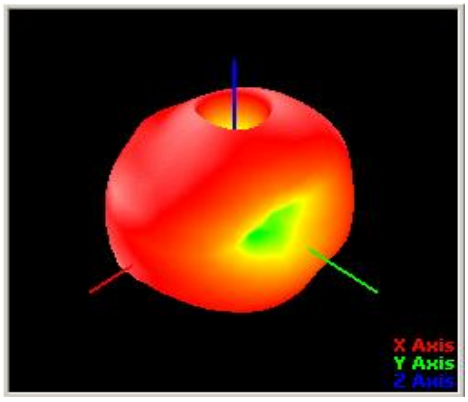
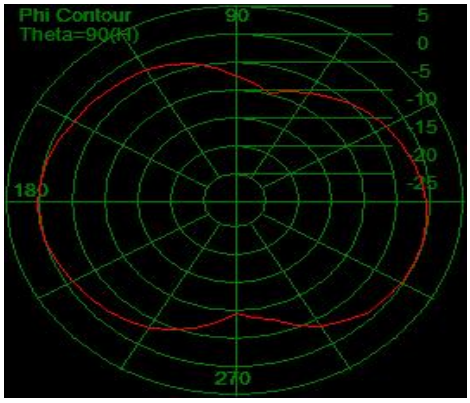
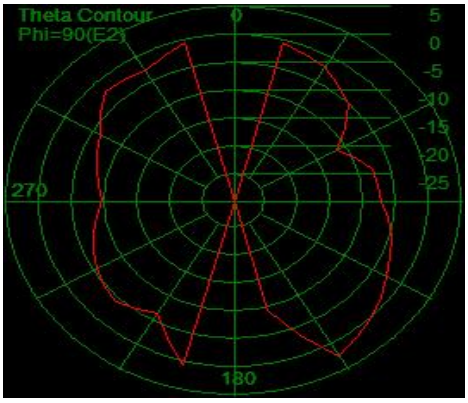
Network analyzer test report：

1. SWR：



2.return loss

2D、3DRaditation Pattern

		
2.4G	Gain(Peak):2 dBi	Efficiency:64.8%
		
2.45G	Gain(Peak):1.88dBi	Efficiency:61.2%
		
2.5G	Gain(Peak):1.76dBi	Efficiency:58.3%