



ShenZhen XinErSheng Technology Co.,Ltd

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

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Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Gain (dBi)	2.05dBi
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	



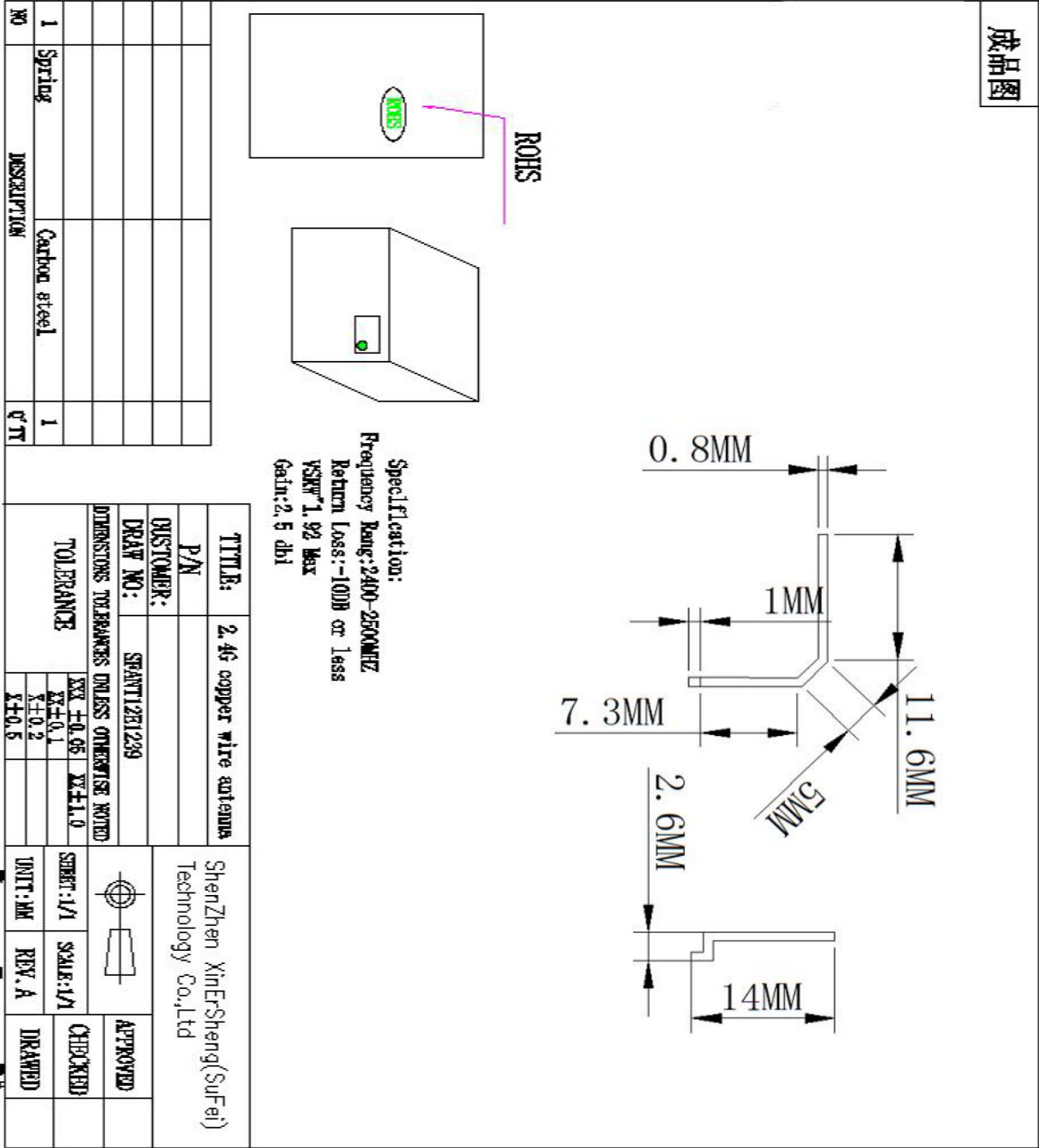
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Product drawing



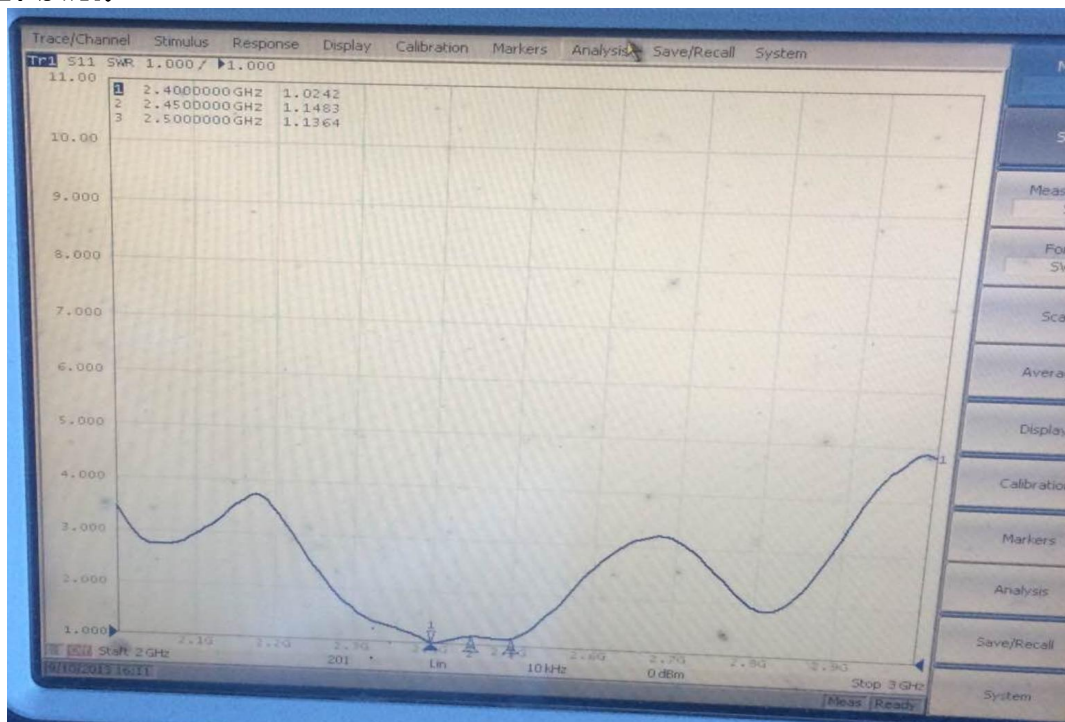
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Product drawing

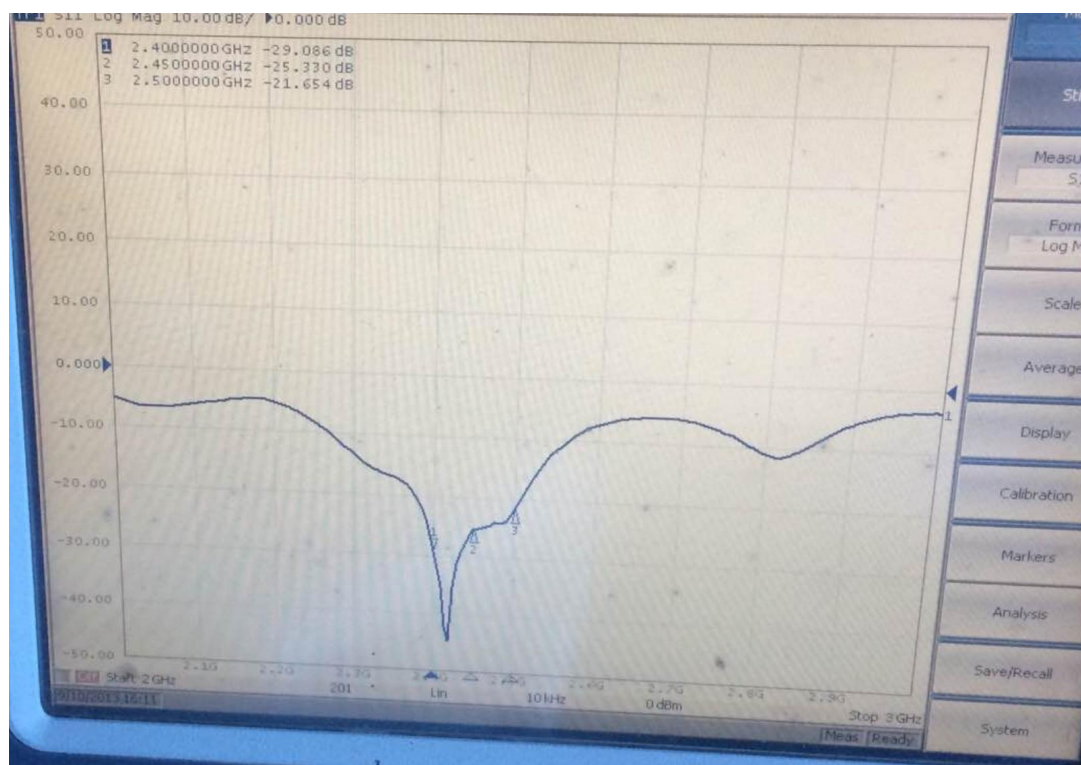


Network analyzer test report:

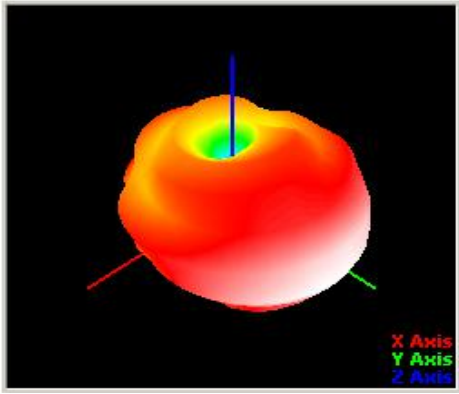
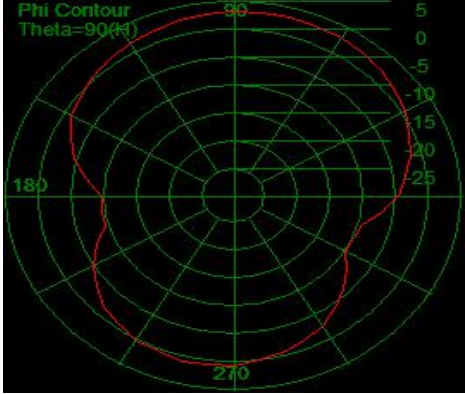
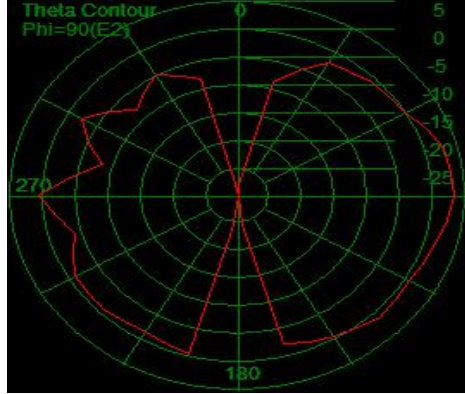
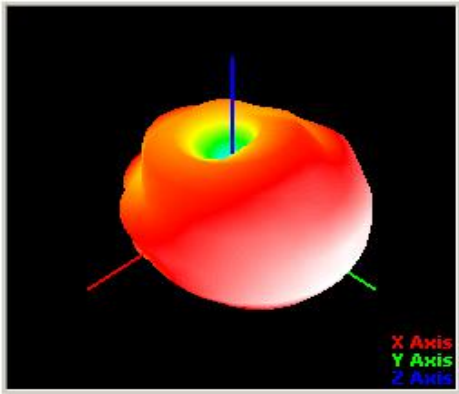
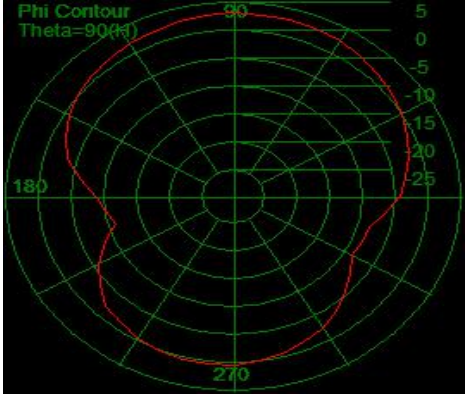
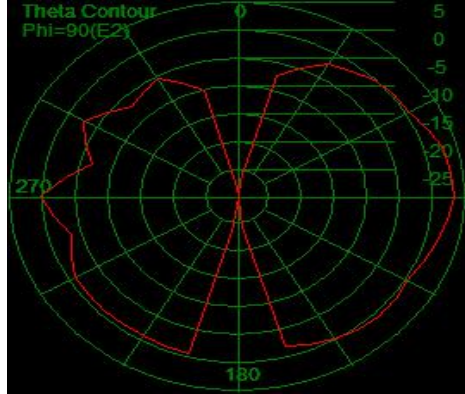
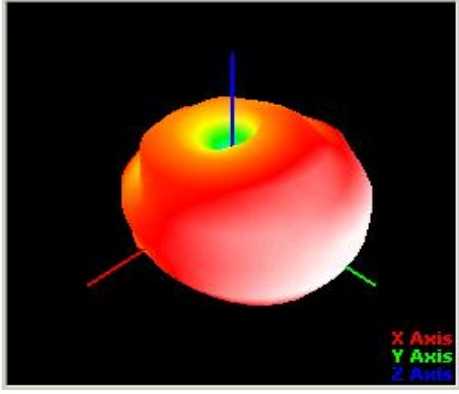
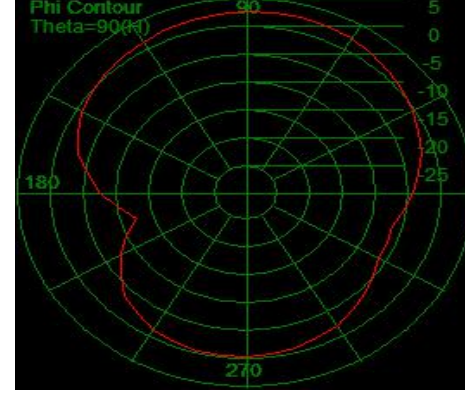
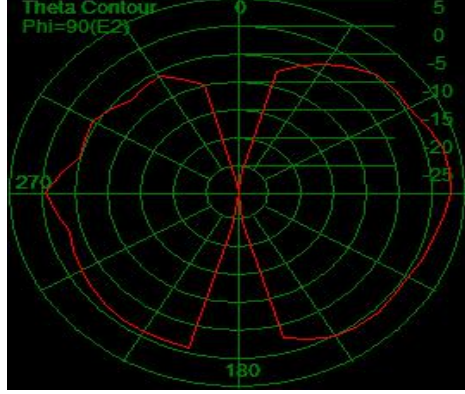
1. SWR:



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%