



ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: Metal antenna, total length 26.2MM, wire diameter 0.8MM, carbon steel nickel-plated

Customer Part Number: W1-1301-2113-001-04

Manufacturers of Material: SFANT12E12113

Deliver quantity: 5PCS

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2023.11.20

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@xinershengant.com

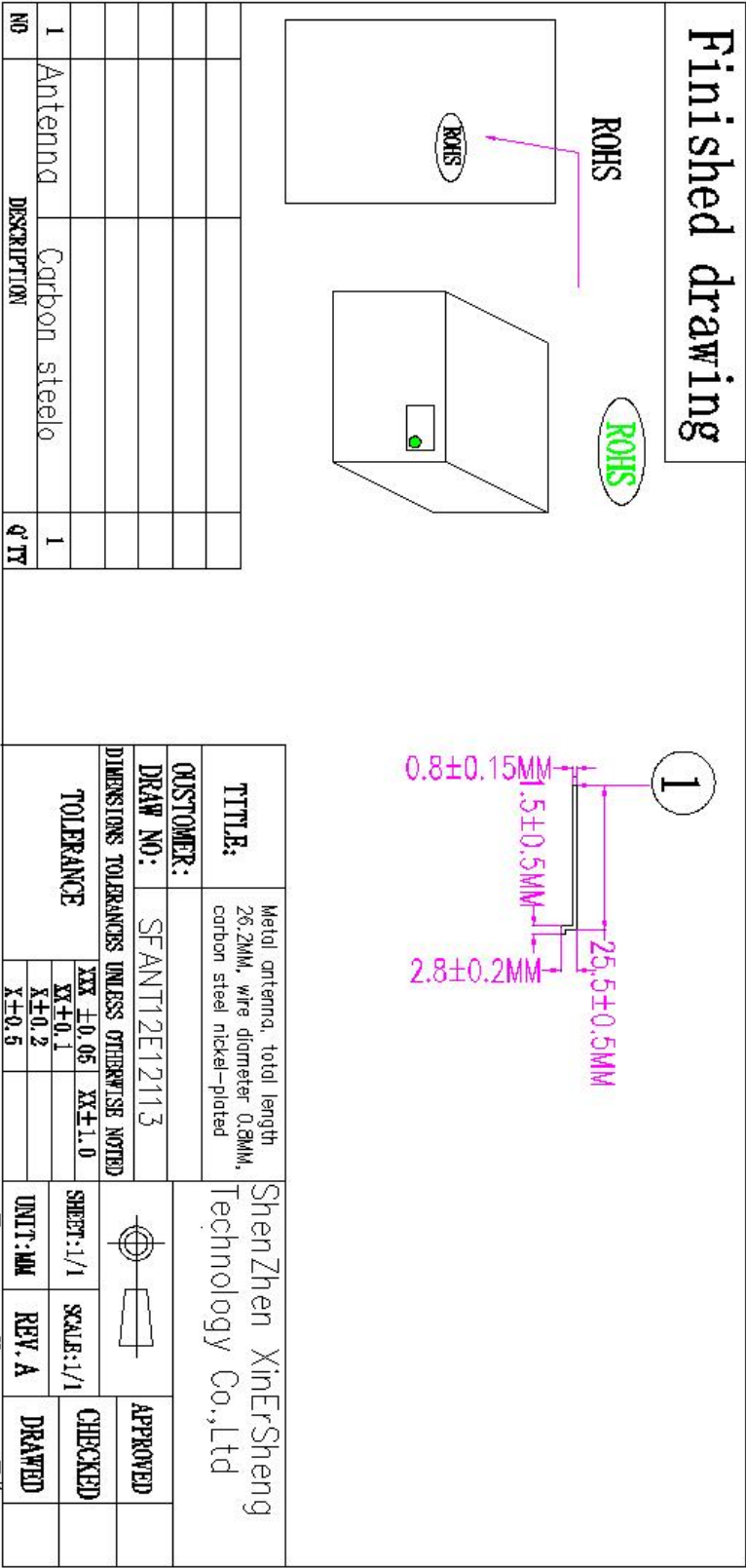
Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Gain (dBi)	2.5±0.5dBi
Impedance(Ω)	50±10
ReTurnLoss(dB)	≤-10
VSWR	≤2
Polarization	Linear Vertical
Connector Type	Weld
Physical Properties	
Antenna Base	Carbon steel
Operating Temp	-20℃-+60℃
Storage Temp	-20℃-+70℃

List of raw materials:

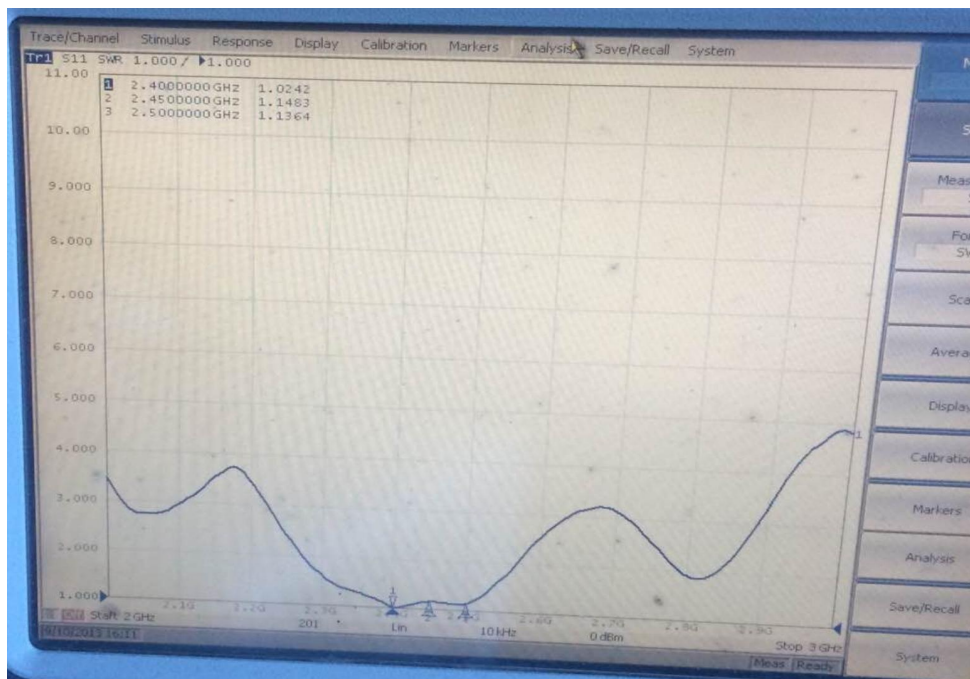
Serial number	Name	Texture	Quantity	Unit	Remark
1	Antenna	Carbon steel	1	PCS	

Product drawing

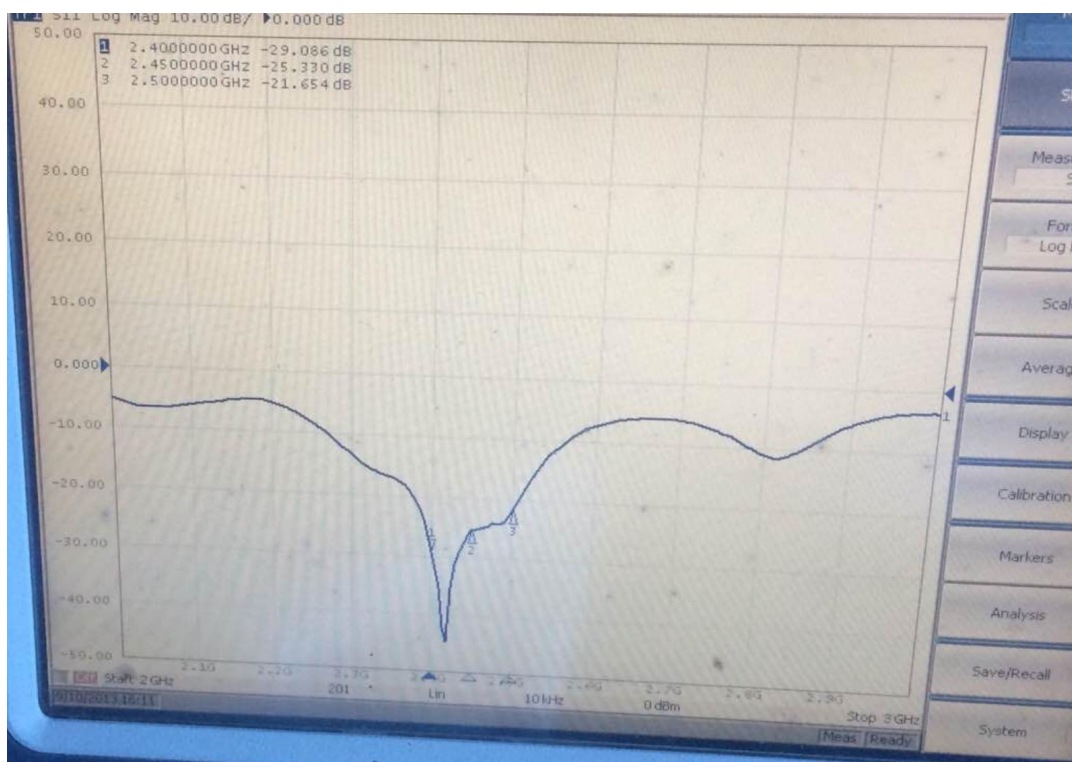


Network analyzer test report:

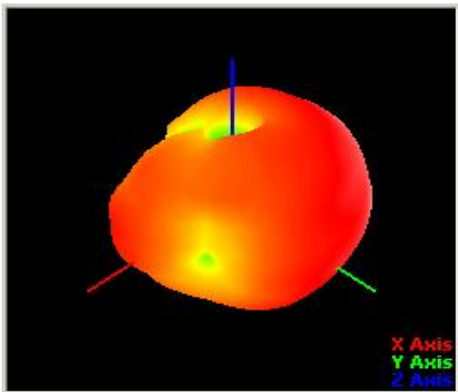
1. SWR:



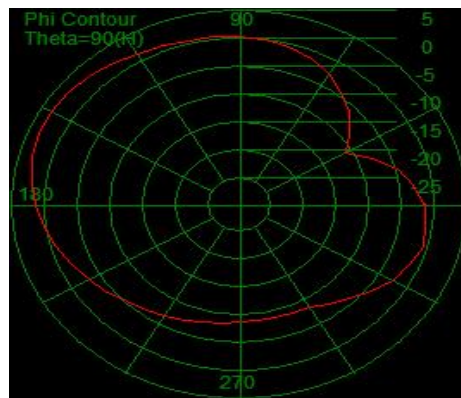
2. return loss



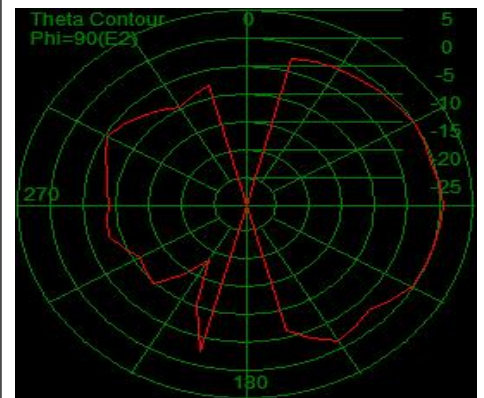
2D、3DRaditation Pattern



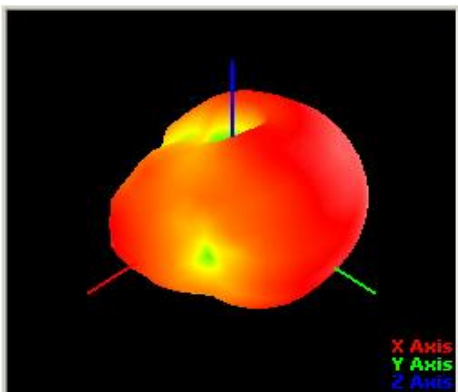
2.4G



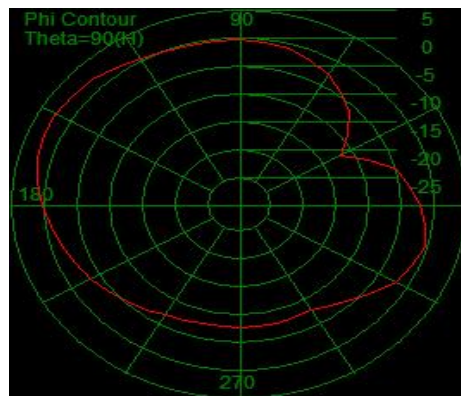
Gain(Peak):2.61dBi



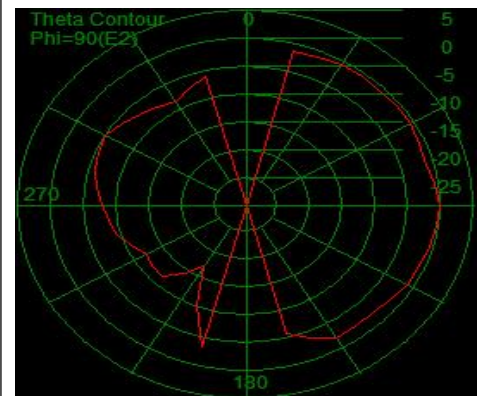
Efficiency:61.9%



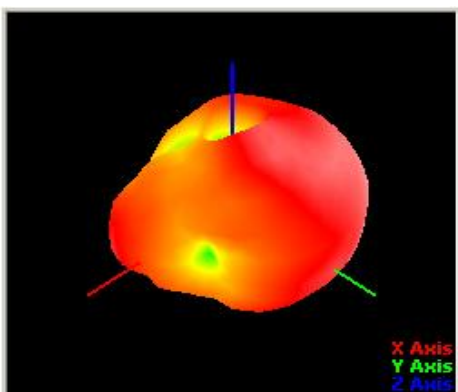
2.45G



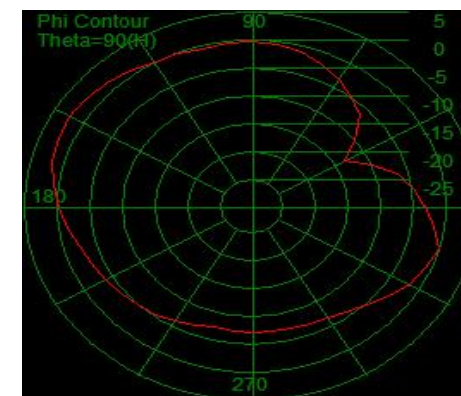
Gain(Peak):2.64dBi



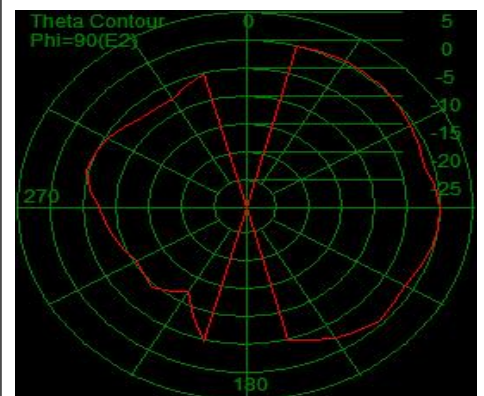
Efficiency:57.4%



2.5G



Gain(Peak):2.65dBi



Efficiency:56.8%