



ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

Customer name: Shenzhen Lewei Innovation Technology Co.

Product name: SFANT12G13285(5.8G Copper Antenna 1.13 Black Wire
L=190MM with Buckle(4.5*12 Bullet)

Customer Part Number: LW-ANT-0155

Manufacturers of Material: SFANT12G13285

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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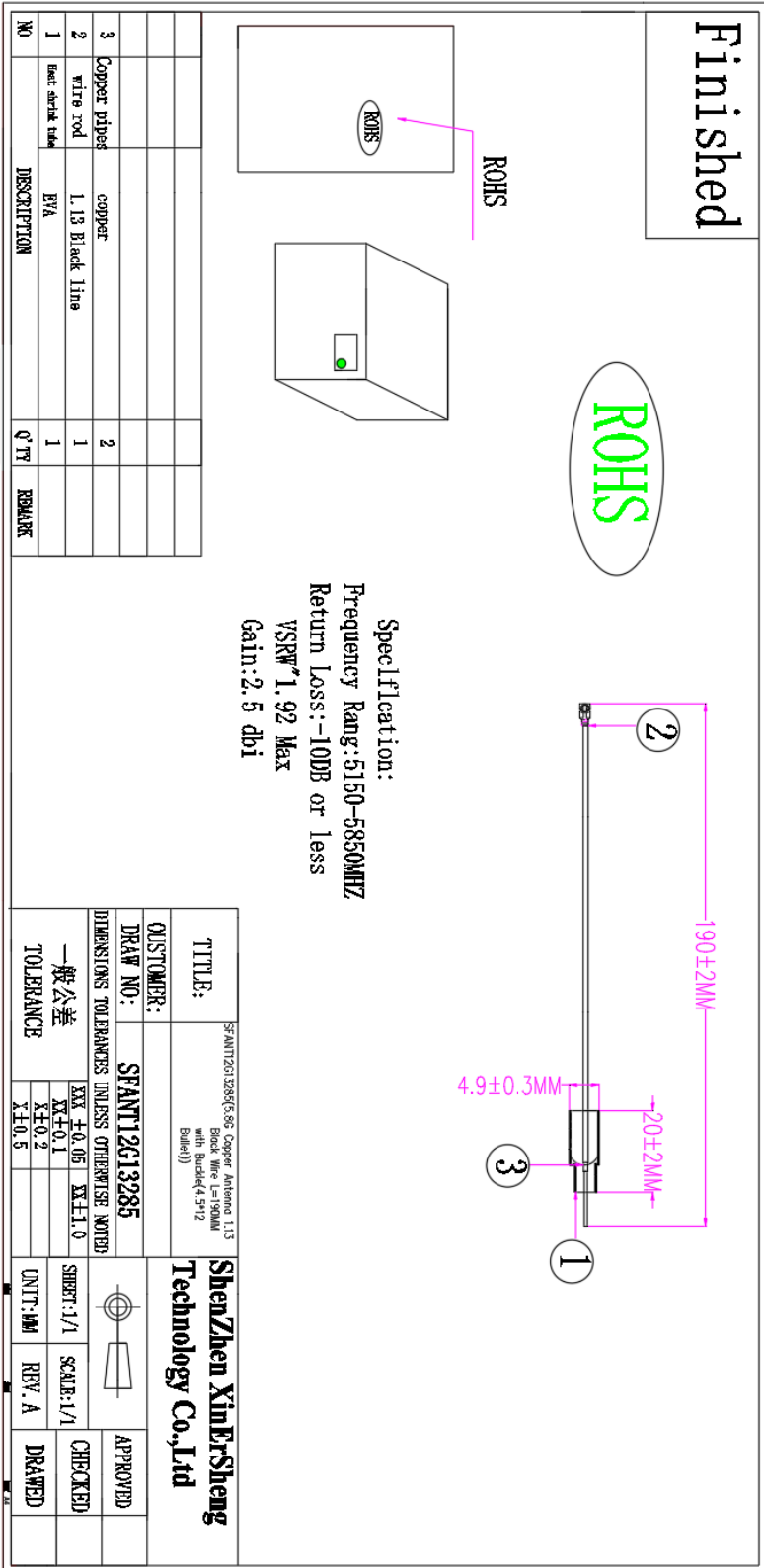
Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	5150-5850
Gain (dBi)	2.5±0.5dBi
Impedance(Ω)	50±10
ReTurnLoss(dB)	≤-10
VSWR	≤1.92
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:

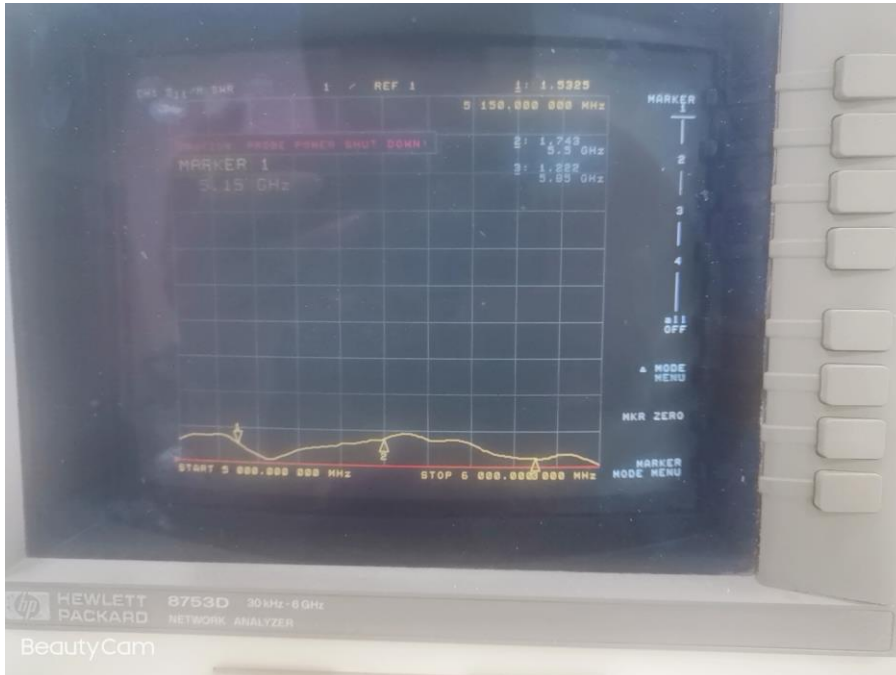
Serial number	Name	Texture	Quantity	Unit	Remark
1	Copper	copper	1	PCS	
2	wire rod	wire rod	1	PCS	
3	Heat shrink tubing	Heat shrink tubing	1	PCS	

Product drawing

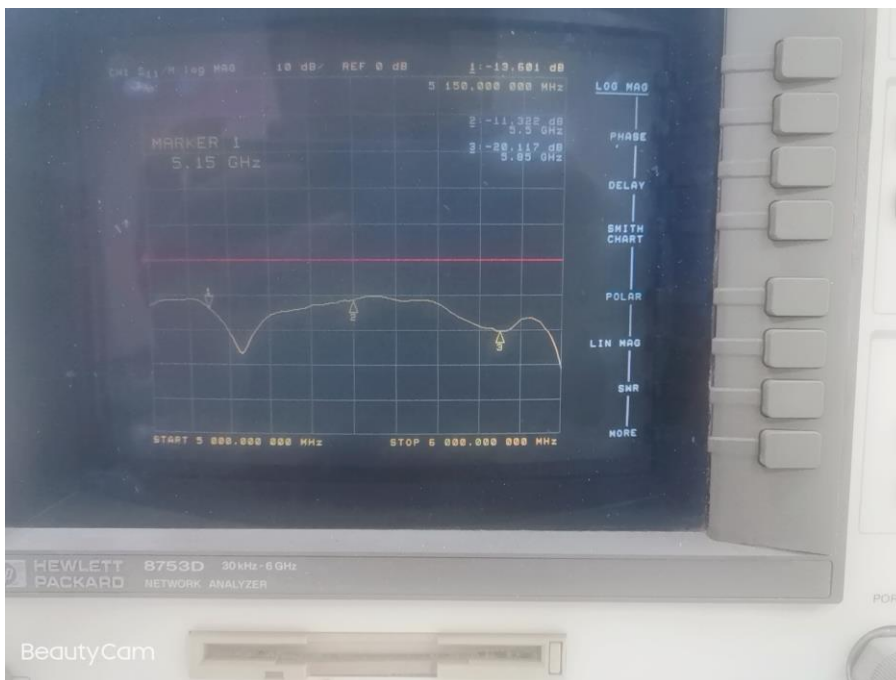


Network analyzer test report:

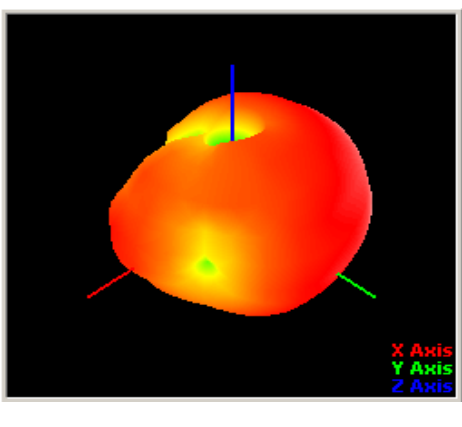
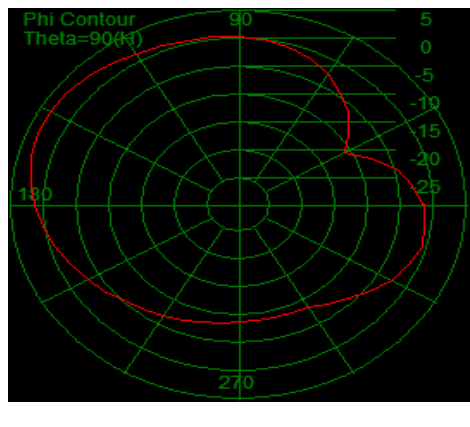
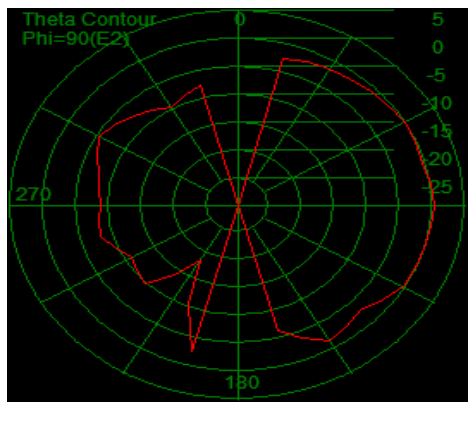
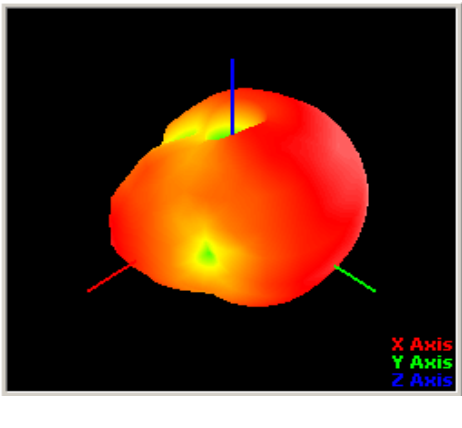
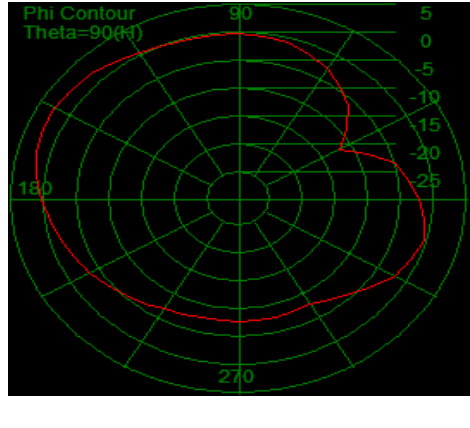
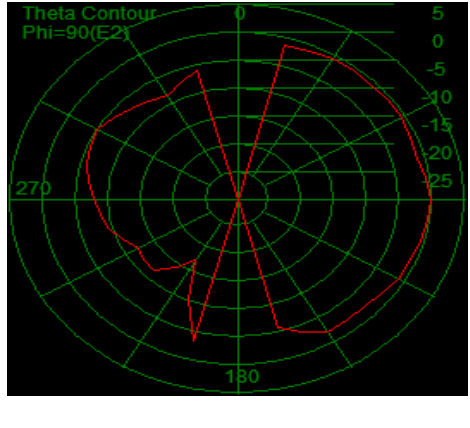
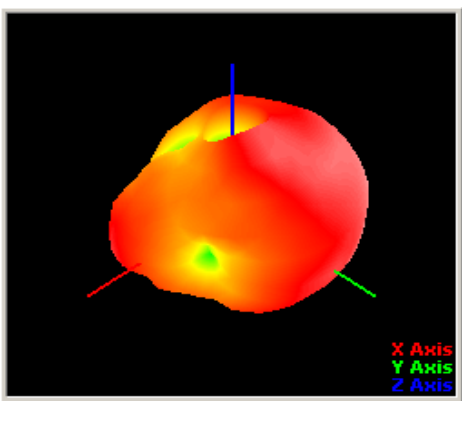
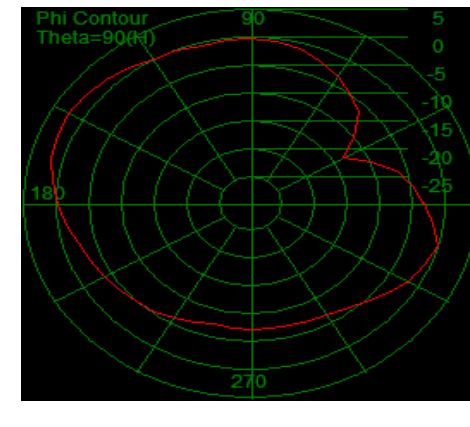
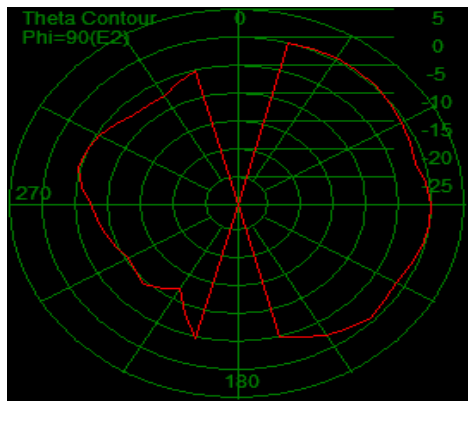
1. SWR:



2. return loss



2D、3DRadiation Pattern

 <p>X Axis Y Axis Z Axis</p>	 <p>Phi Contour Theta=90(ϕ)</p>	 <p>Theta Contour Phi=90(E_2)</p>
<p>5.15G</p>	<p>Gain(Peak):2.32dBi</p>	<p>Efficiency:56.2%</p>
 <p>X Axis Y Axis Z Axis</p>	 <p>Phi Contour Theta=90(ϕ)</p>	 <p>Theta Contour Phi=90(E_2)</p>
<p>5.5G</p>	<p>Gain(Peak):2.45dBi</p>	<p>Efficiency:58.7%</p>
 <p>X Axis Y Axis Z Axis</p>	 <p>Phi Contour Theta=90(ϕ)</p>	 <p>Theta Contour Phi=90(E_2)</p>
<p>5.85G</p>	<p>Gain(Peak):2.58dBi</p>	<p>Efficiency:60.2%</p>