

SPECIFICATION FOR APPROVAL

Customer name: _____

Product name: 2.4 Copper Tube Antenna 1.13 Black Wire Exposed L=50MM
No Buckle

Customer Part
Number: _____

Manufacturers of
Material: XESANT11A15990

Deliver quantity: 5PCS

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2025.04.06

That Customers:

Acknowledge	Check	Examine and approve	Datelanded

Admit that situation: ☒new product ☐ product shanges

Admit that project: ☐acknowledgement ☐soecimen 5PCS

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

Contents

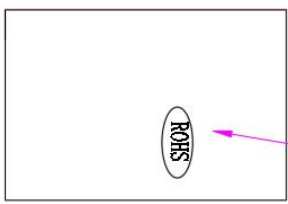
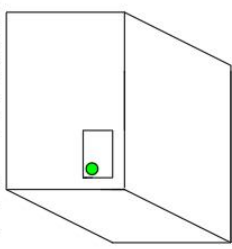
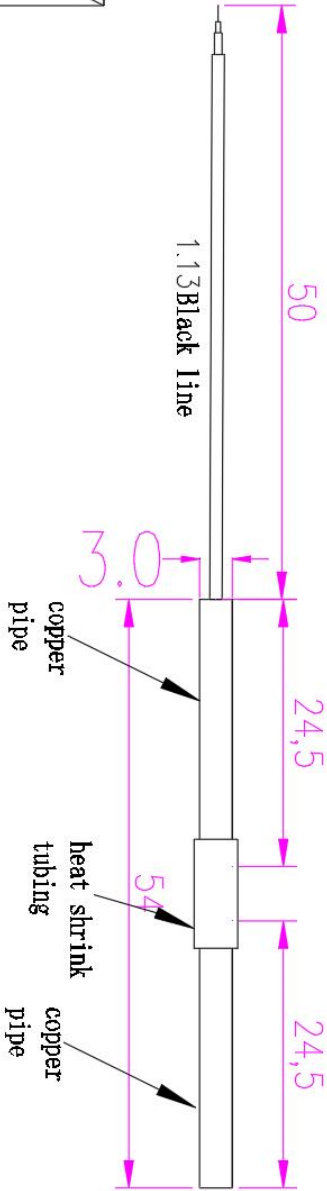
Item	Description
1、	cover
2、	Contents
3、	parameter
4、	Drawing

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Impedance(Ω)	50$\pm$10
Peak Gain(dBi)	3.55
ReTurnLoss(dB)	$\leq$-10
VSWR	$\leq$2
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	Weld
Physical Properties	
Antenna Base	copper
Operating Temp	-20°C-+60°C
Storage Temp	-20°C-+70°C

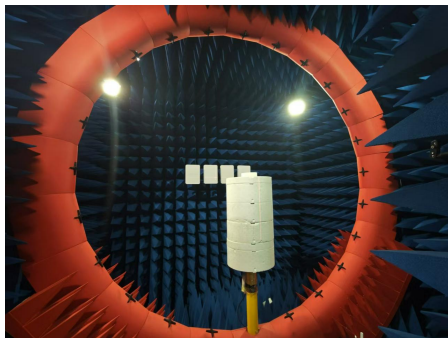
List of raw materials:

Number	Name	Material quality	Usage	Unit	Remark
1	copper pipe	copper	1	PCS	
2	1.13Black line	copper	1	PCS	

drawing

Finished product image																																				
 ROHS Environmental Protection Label   1. An IPCS/ROHS label needs to be affixed to the outer box label. 2. A IPCS/outer carton label needs to be affixed to the upper right corner of the outer carton side.																																				
1.13 Black line 																																				
Specification: Frequency Rang:2400-2500MHZ Return Loss:-10dB or less VSWR:2 Max Gain:2.5 dbi																																				
2	r-f line	1.13line																																		
1	terminal	copper																																		
NO	DESCRIPTION	Q' TY REMARK																																		
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Test equipment



OTA testing system

Brand: Feitu

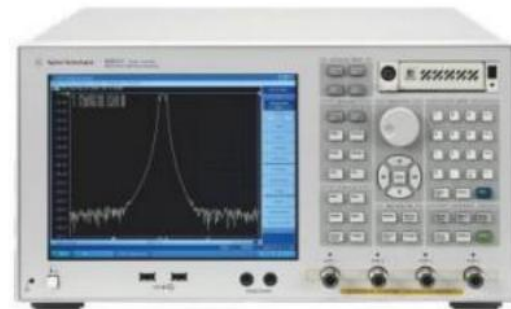
Frequency range: 400MHz-8.5GHz

Dimensions of the dark chamber: 4m x 4m x 4m

Number of probes: 24 (23 dual-polarized probes and 1 communication probe)

Functions: Passive and active testing; G network, C network, 2G/3G/4G.

WIFI, BT, and other standard TRP, TIS testing, and so on.



Model: 5071C

Brand: Agilent

Frequency range: 9KHz-8.5GHz

Function: Comprehensive passive testing of antennas, including 2G/3G/4G/BT/WIFI.



Model: 8960

Brand: Agilent

Frequency range: 292MHz-2700GHz

Function: Suitable for active testing of 2G/3G devices.



Model: CMW500

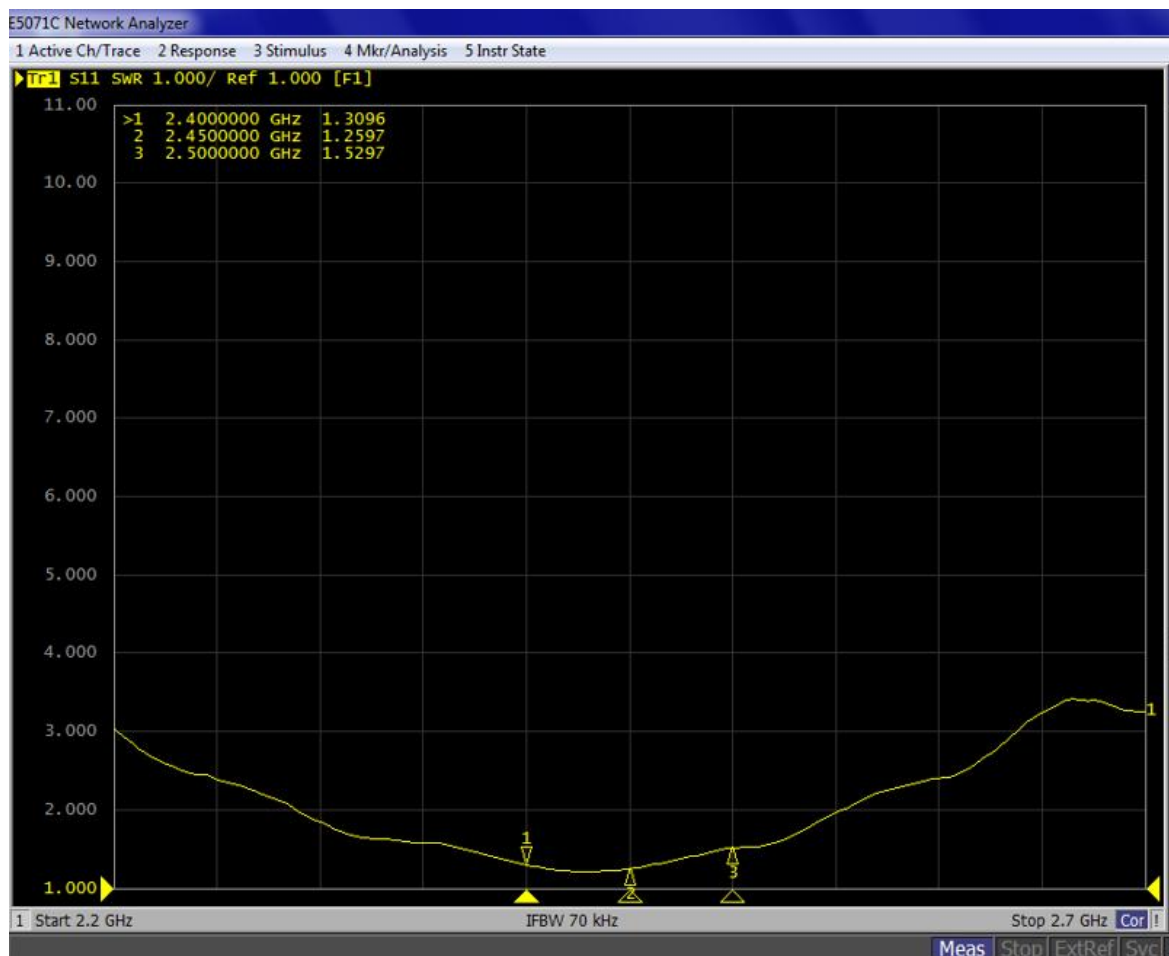
Brand: Rohde & Schwarz

Frequency range: 70KHz-6GHz

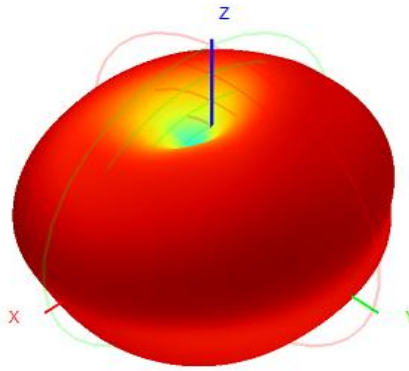
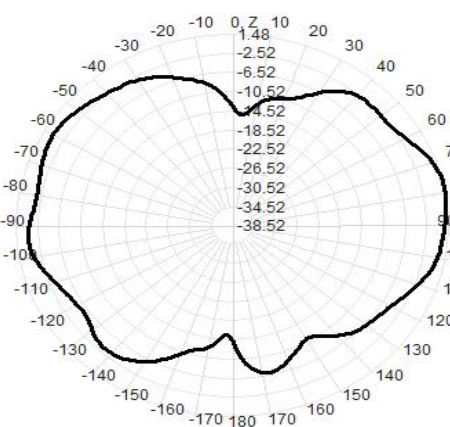
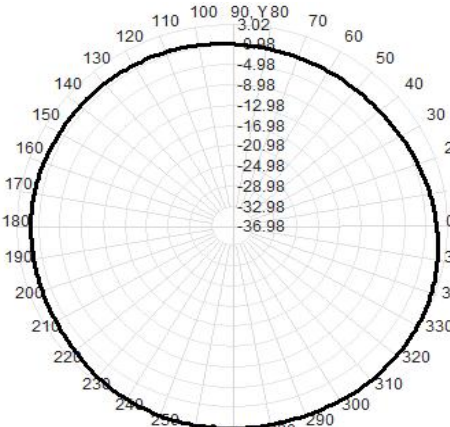
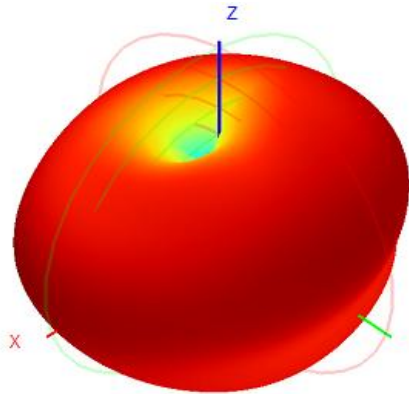
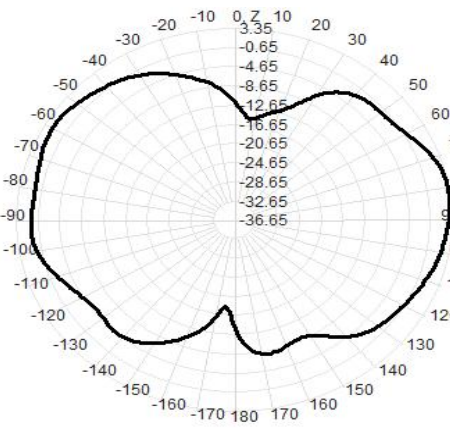
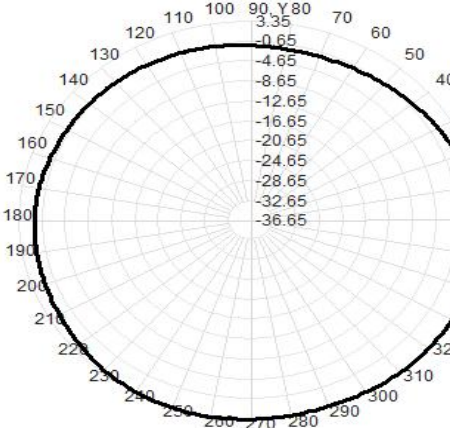
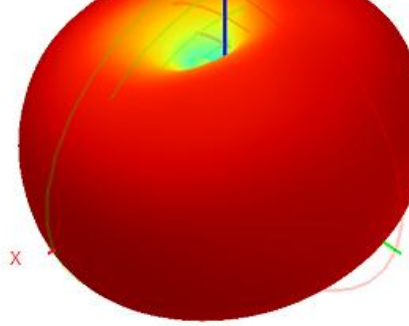
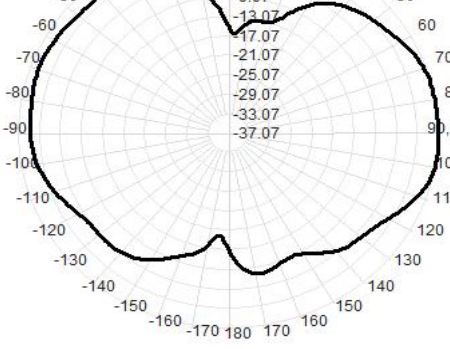
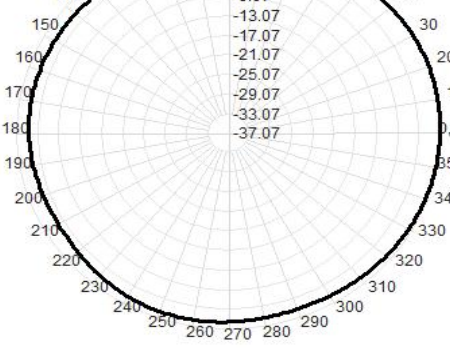
Function: Comprehensive active testing of antennas, including 2G/3G/4G/BT/WIFI/NB-Lot.

Network analyzer test report

1. SWR



2D、3DRaditation Pattern

		
2400M	Gain(Peak):3.32dBi	Efficiency:70.14%
		
2450M	Gain(Peak):3.55dBi	Efficiency:71.88%
		
2500M	Gain(Peak):3.36dBi	Efficiency:71.74%

Assembly picture



Packing

Product name/Specifications

1、 Labeling Requirements

采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

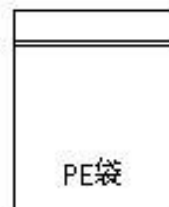
采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

2、 Packing requirements

Homework instructions:

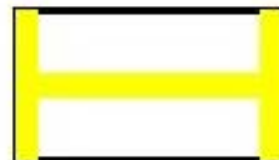
Inner packaging:

Product: 100 pieces per small bag

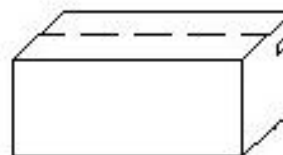


Exterior packaging:

Quantity determined based on actual quantity/box



纸箱



Precautions:

1. Is it necessary to add dividers or polyethylene foam;
2. Adhesion of labels, such as ROHS;