



ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G 2.5DB integrated antenna white

Customer Part Number: W1-1301-0080-002-04

Manufacturers of Material: SFANT12A13479

Deliver quantity: 5PCS

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2022.12.22

That Customers:

Acknowledge	Check	Examine and approve	Datelanded

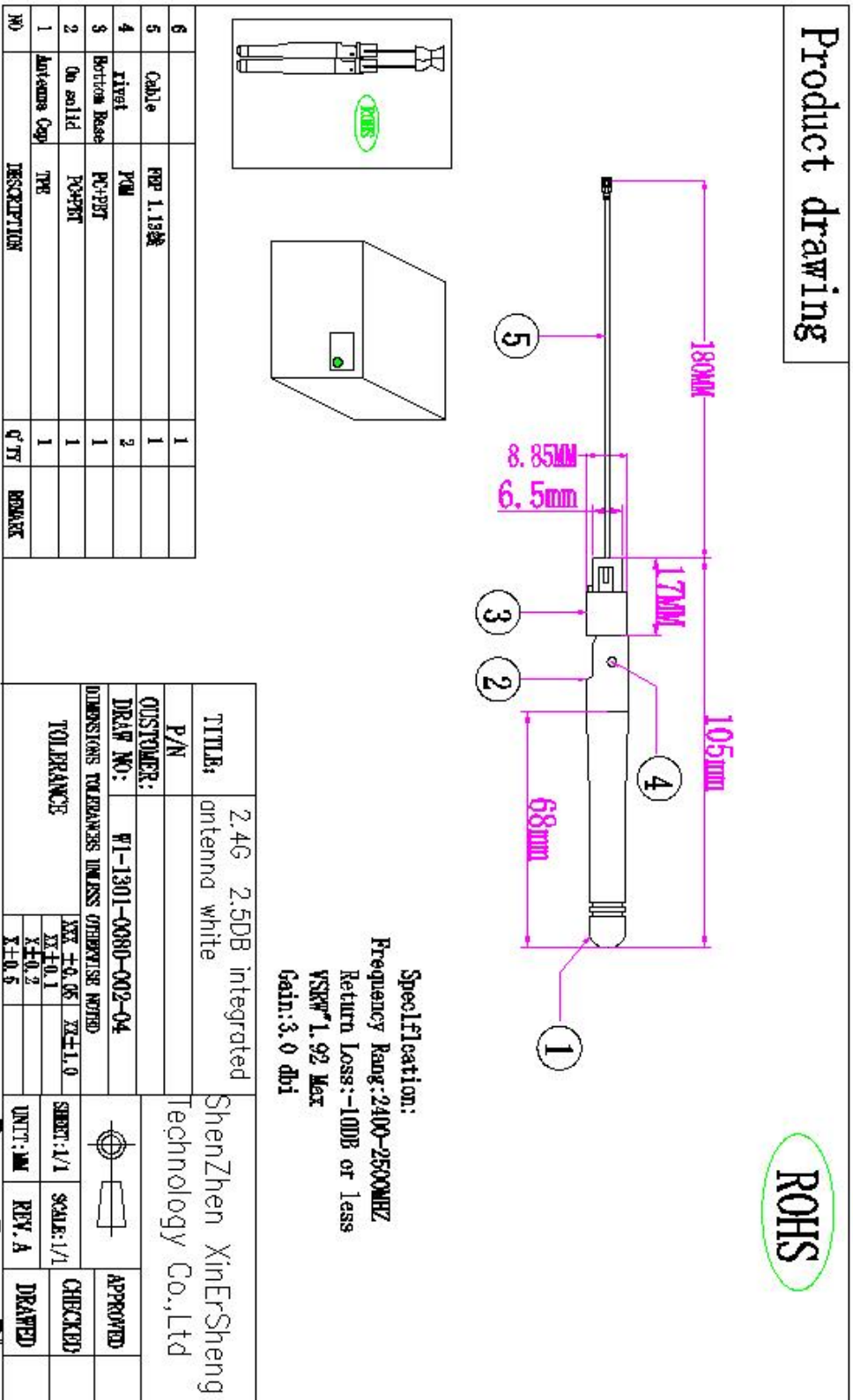
Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2483
Impedance(Ω)	50 ± 10
Gain(dBi)	3 ± 0.5
ReTurnLoss(dB)	≤ -10
VSWR	≤ 2.0
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	IPEX
Physical Properties	
Antenna Base	TPE
Operating Temp	-20℃-+60℃
Storage Temp	-20℃-+70℃

List of raw materials:

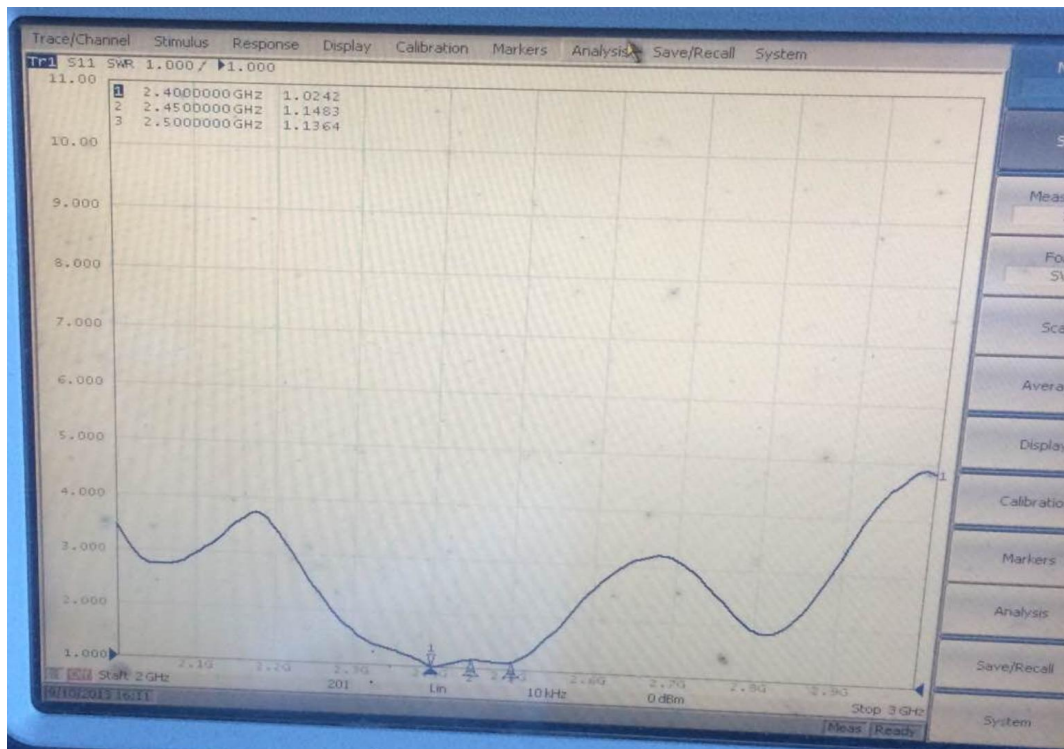
Serial number	Name	Texture	Quantity	Unit	Remark
1	Stem casing	TPE	1	PCS	
2	On the fixed seat	PC+PBT	1	PCS	
3	Under the fixed seat	PC+PBT	1	PCS	
4	Wire rod	1.13 Gray	1	PCS	
5	Copper pipe	Zinc alloy	1	PCS	

Product drawing

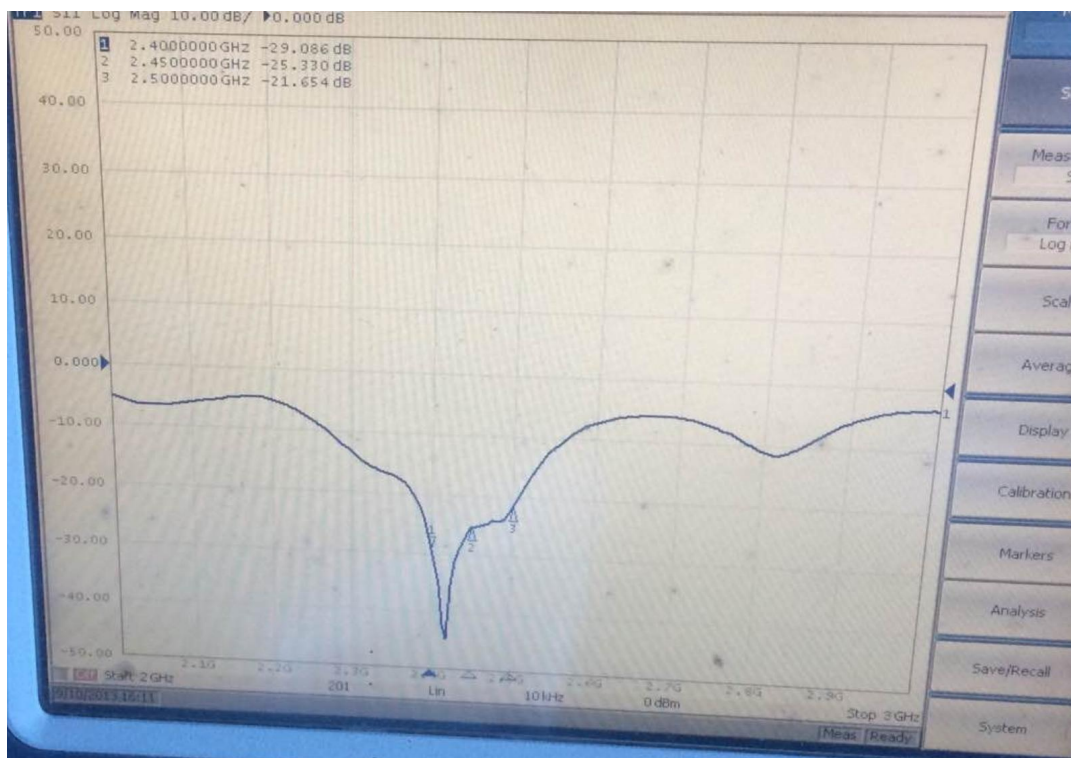


Network analyzer test report:

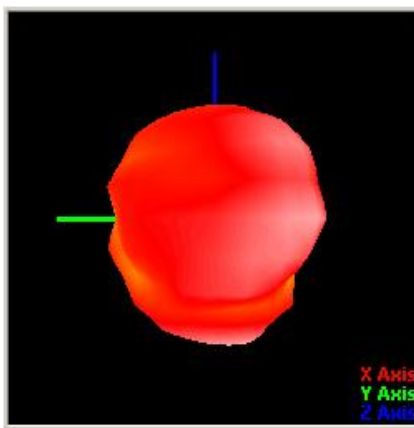
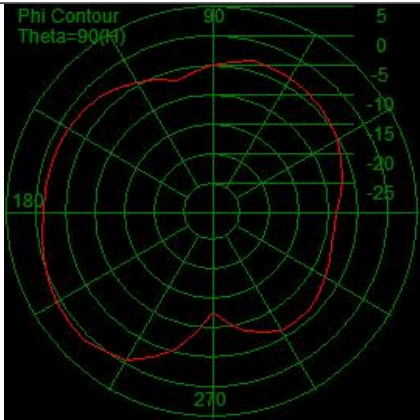
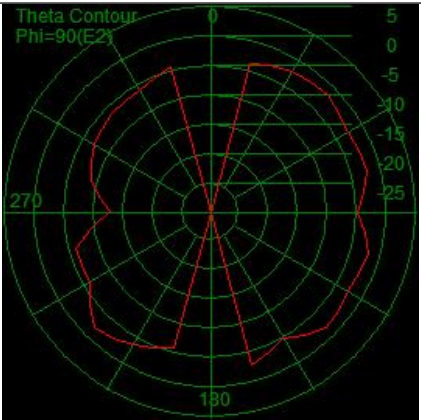
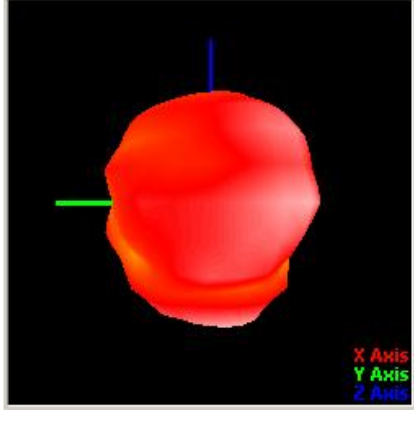
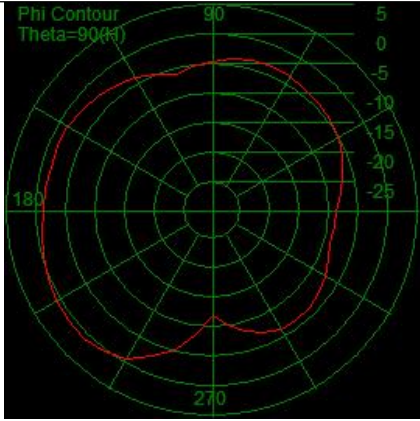
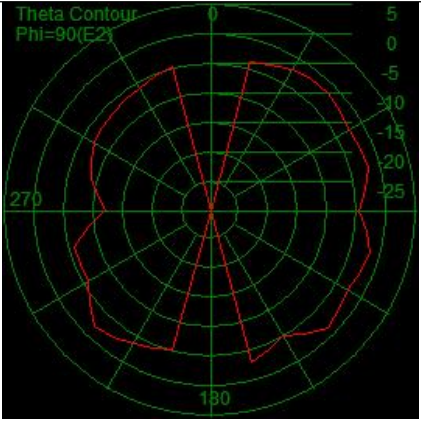
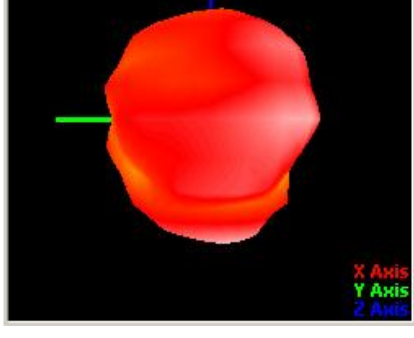
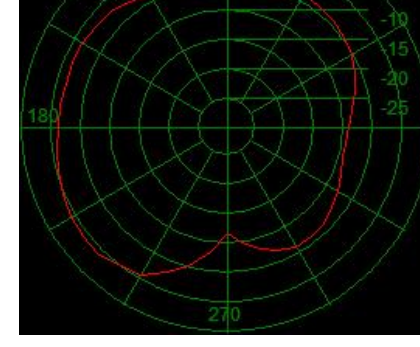
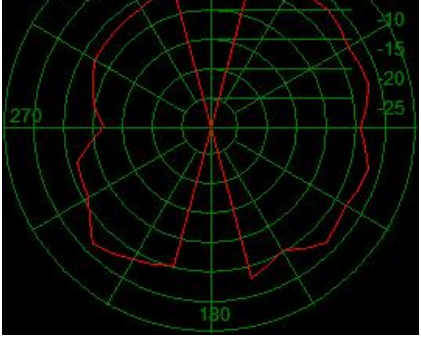
1. SWR:



2. return loss



2D、3DRaditation Pattern

 X Axis Y Axis Z Axis		
2.4G	Gain(Peak):2.85dBi	Efficiency:61.5%
 X Axis Y Axis Z Axis		
2.45G	Gain(Peak):3.05dBi	Efficiency:63.2%
 X Axis Y Axis Z Axis		
2.5G	Gain(Peak):2.93dBi	Efficiency:60.7%