



SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G 2.5DB integrated antenna white

Customer Part Number: _____

Manufacturers of Material: SF011-110080B

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

Company address : Floor 3, Building D, No.96 Lingxia Road, Fuyong Fenghuang Fourth Industrial Zone, Baoan District, Shenzhen

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Fax NO.: 0755-33233276

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Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Gain (dBi)	2±0.5dBi
Impedance(Ω)	50±10
ReTurnLoss(dB)	≤-10
VSWR	≤2
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	Weld
Physical Properties	
Antenna Base	TPE
Operating Temp	-20℃-+60℃
Storage Temp	-20℃-+70℃

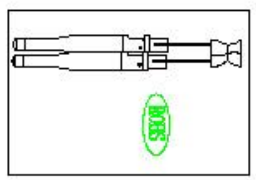
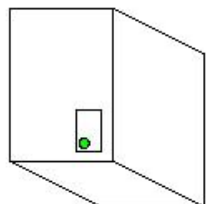
List of raw materials:

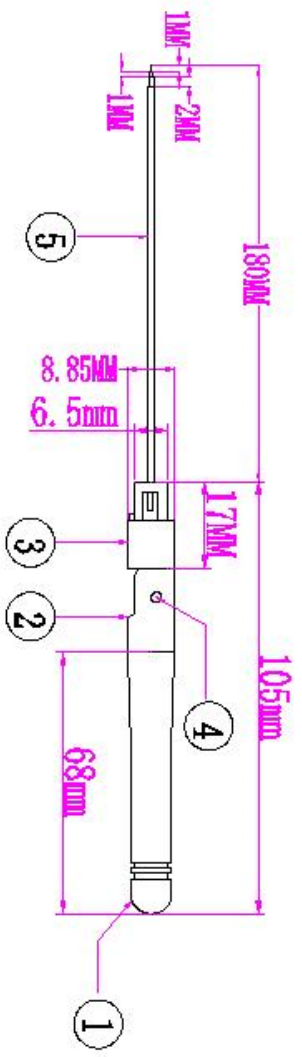
Serial number	Name	Texture	Quantity	Unit	Remark
1	Stem casing	TPE	1	PCS	
2	On the fixed seat	PC+PBT	1	PCS	
3	Under the fixed seat	PC+PBT	1	PCS	
4	Rivet	POM	1	PCS	
5	Wire rod	1.13 Gray	1	PCS	
6	Copper pipe	Zinc alloy	1	PCS	

Product drawing



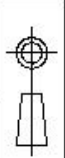
Product drawing



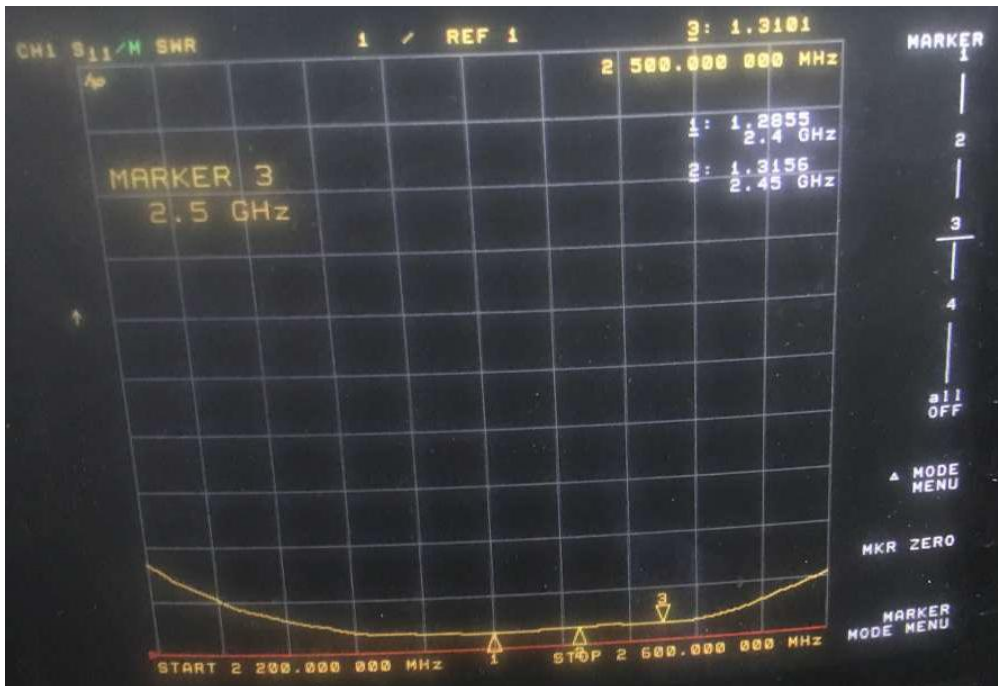
Specification:
 Frequency Rang: 2400-2500MHz
 Return Loss: -10DB or less
 VSWR: 1.92 Max
 Gain: 2.0 dbi

NO	DESCRIPTION	QTY	REMARK
6	Cable	1	
5	REP 1.138	1	
4	rivet	2	
3	Bottom Base	1	
2	On solid	1	
1	Antenna Cap	1	

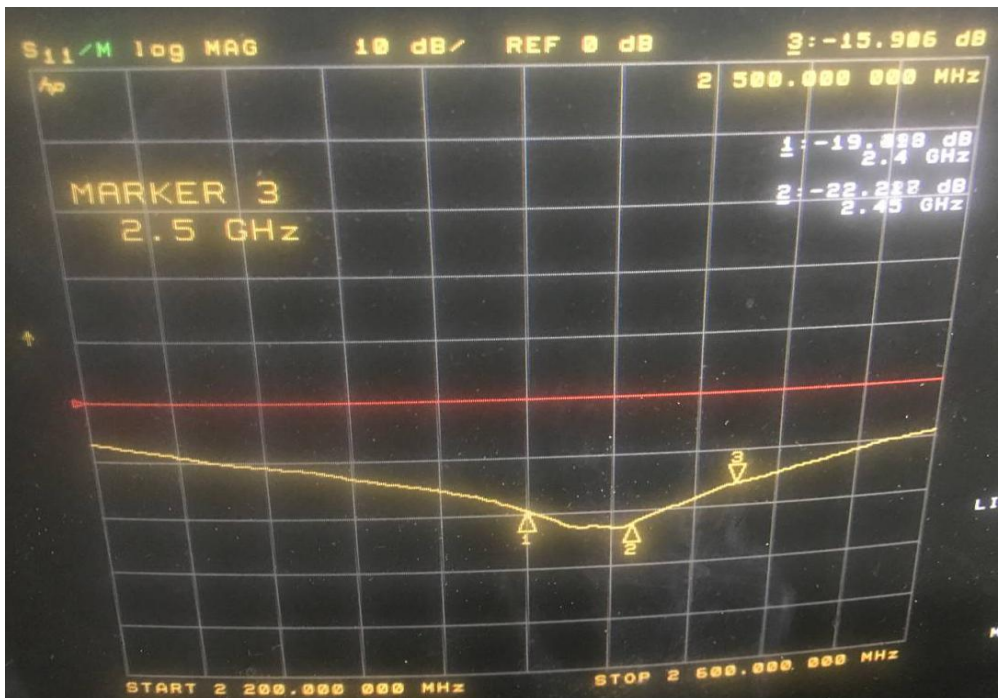
TITLE: 2.4G 2.5DB integrated antenna white			
P/N			
CUSTOMER:			
DRAW NO.:	SF011-110080B		
<small>DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED</small>			
TOLERANCE		XXX ±0.06	XX ±1.0
		X ±0.1	
		X ±0.2	
		X ±0.5	
UNIT:MM	REV. A	SCALE:1/1	SECT:1/1
APPROVED	CHECKED	DRAWED	
ShenZhen XinErSheng Technology Co.,Ltd			

Network analyzer test report:

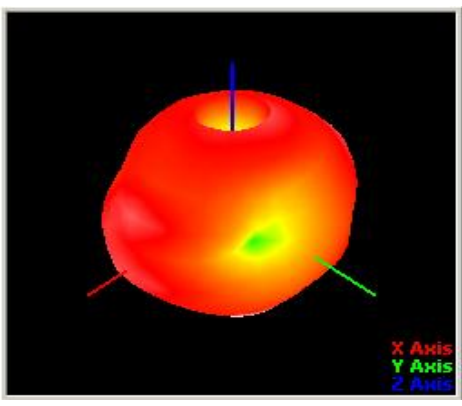
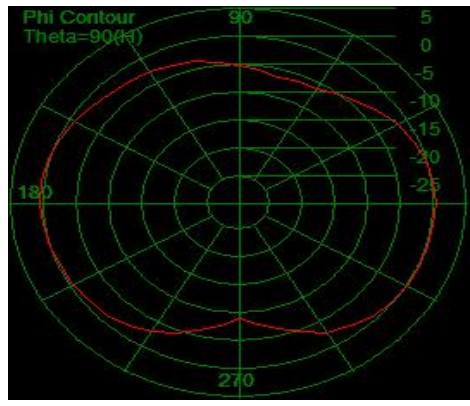
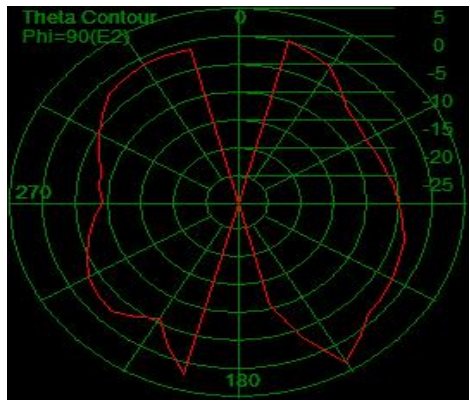
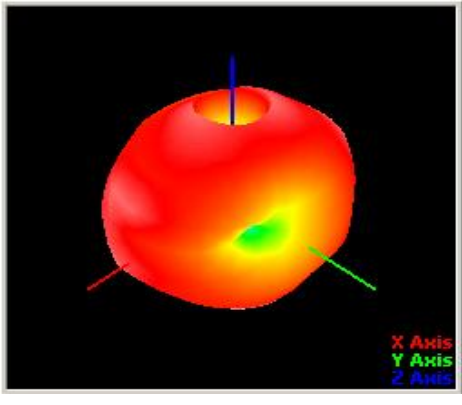
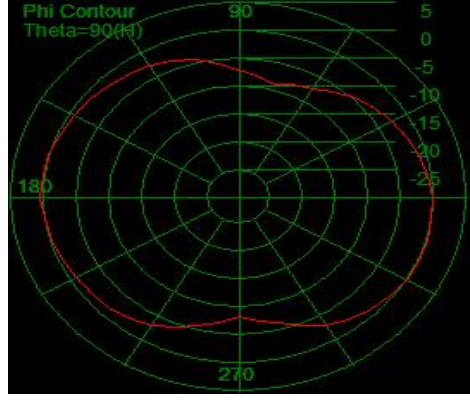
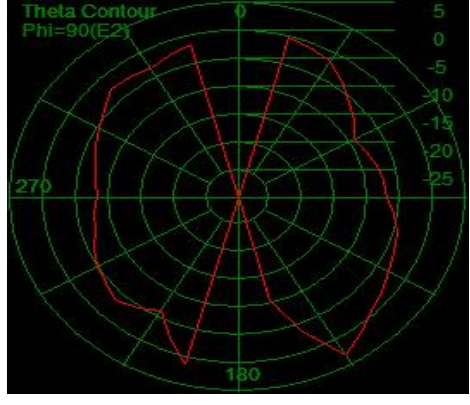
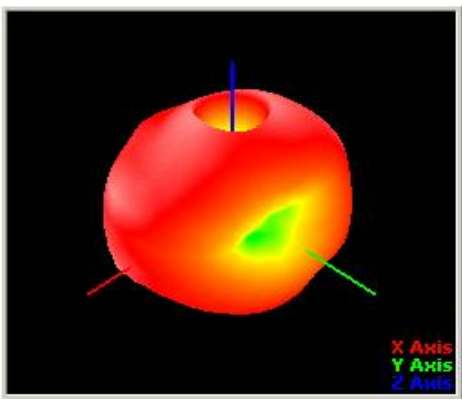
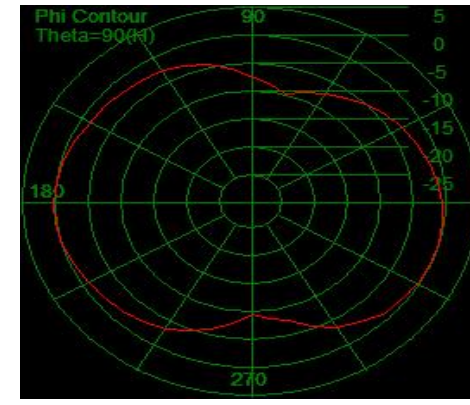
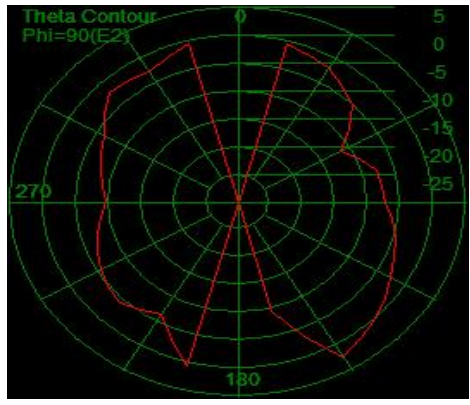
1. SWR:



2. return loss



2D、3DRaditation Pattern

 <p>X Axis Y Axis Z Axis</p>	 <p>Phi Contour Theta=90(φ)</p>	 <p>Theta Contour Phi=90(Eθ)</p>
<p>2.4G</p>	<p>Gain(Peak):2.5dBi</p>	<p>Efficiency:68.8%</p>
 <p>X Axis Y Axis Z Axis</p>	 <p>Phi Contour Theta=90(φ)</p>	 <p>Theta Contour Phi=90(Eθ)</p>
<p>2.45G</p>	<p>Gain(Peak):2.23dBi</p>	<p>Efficiency:65.2%</p>
 <p>X Axis Y Axis Z Axis</p>	 <p>Phi Contour Theta=90(φ)</p>	 <p>Theta Contour Phi=90(Eθ)</p>
<p>2.5G</p>	<p>Gain(Peak):2.21dBi</p>	<p>Efficiency:62.3%</p>