



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

Phone number: 0755-33881455

Fax NO.: 0755-33233276

Email: liqinghui@sufeitech.com


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℃

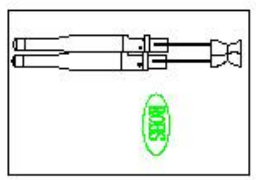
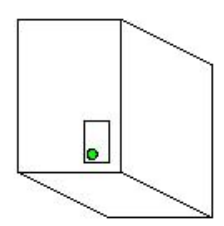
List of raw materials:

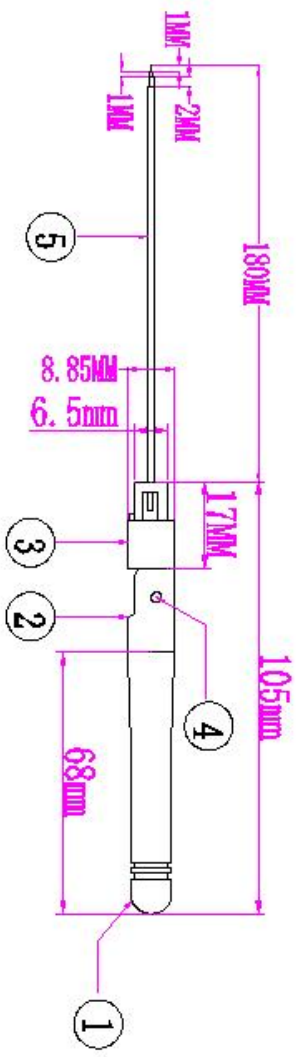
Serial number	Name	Texture	Quantity	Unit	Remark
1	Stem casing	TPE	1	PCS	
2	On the fixed seat	PC+PBT	1	PCS	
3	Under the fixed seat	PC+PBT	1	PCS	
4	Rivet	POM	1	PCS	
5	Wire rod	1.13 Gray	1	PCS	
6	Copper pipe	Zinc alloy	1	PCS	

Product drawing



Product drawing


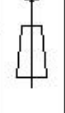





Specification:
 Frequency Rang: 2400-2500MHz
 Return Loss: -10DB or less
 VSWR: 1.92 Max
 Gain: 2.0 dbi

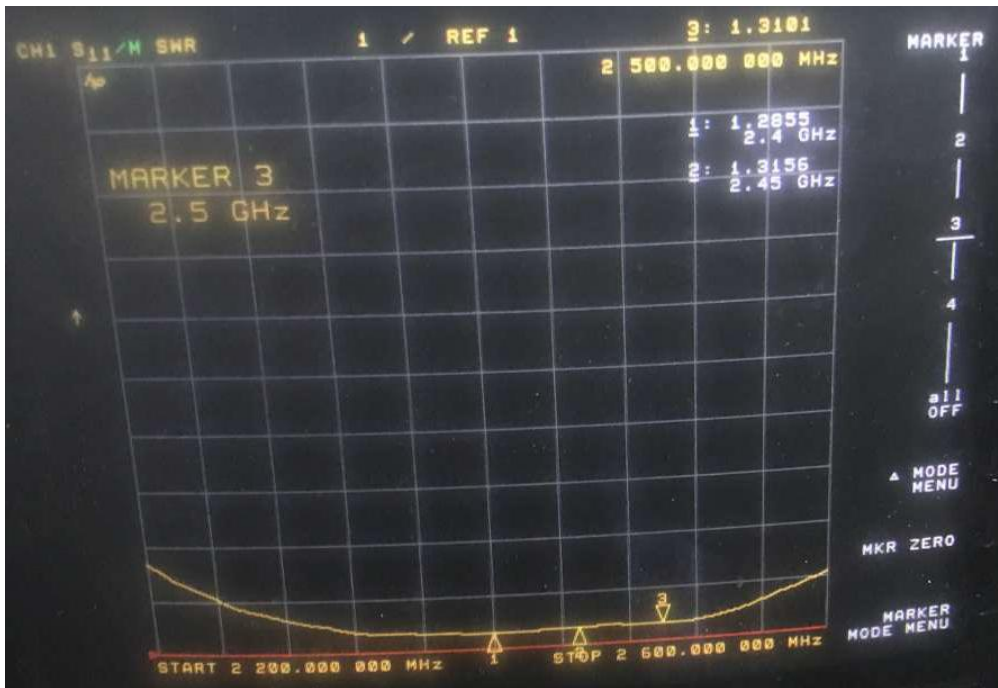
NO	DESCRIPTION	QTY	REMARK
6	Cable	1	
5	REP 1.138	1	
4	rivet	2	
3	Bottom Base	1	
2	On solid	1	
1	Antenna Cap	1	

TITLE:	2.4G 2.5DB integrated antenna white												
P/N													
CUSTOMER:													
DRAW NO.:	SF011-110080B												
<small>DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED</small>													
TOLERANCE	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">XXX ±0.06</td> <td style="width: 33%; text-align: center;">XX ±1.0</td> <td style="width: 33%;"></td> </tr> <tr> <td style="text-align: center;">X ±0.1</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">X ±0.2</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">X ±0.5</td> <td></td> <td></td> </tr> </table>	XXX ±0.06	XX ±1.0		X ±0.1			X ±0.2			X ±0.5		
XXX ±0.06	XX ±1.0												
X ±0.1													
X ±0.2													
X ±0.5													
UNIT:MM	REV. A												

	APPROVED 
ShenZhen XinErSheng Technology Co.,Ltd	CHECKED
DRAWN	DRAWN

Network analyzer test report:

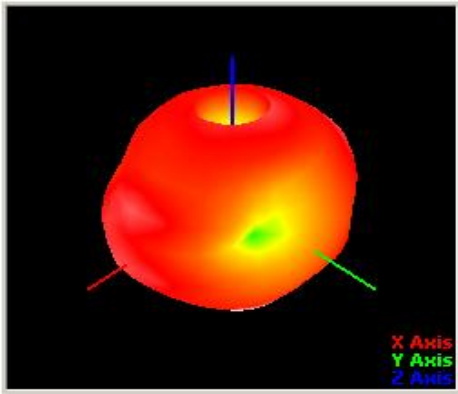
1. SWR:



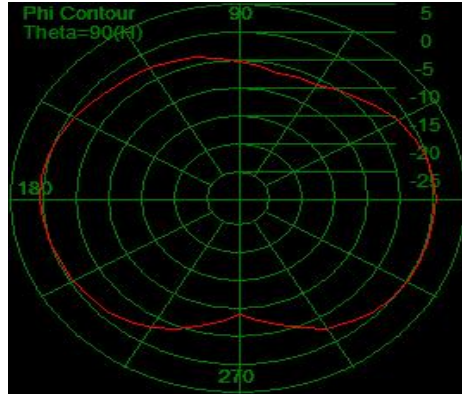
2. return loss



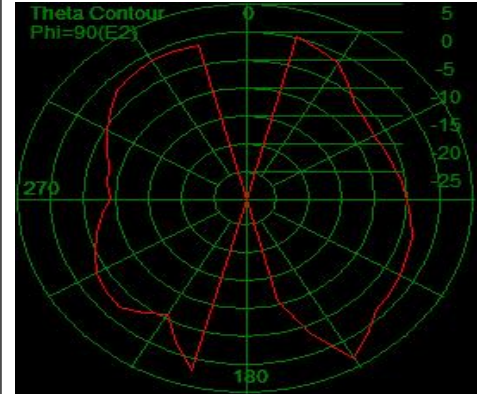
2D、3DRaditation Pattern



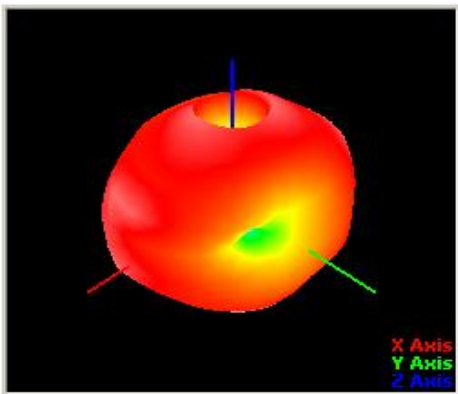
2.4G



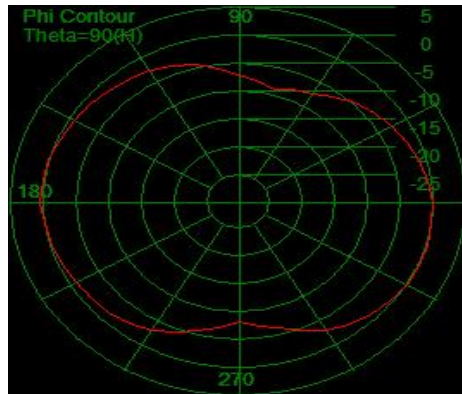
Gain(Peak):2.5dBi



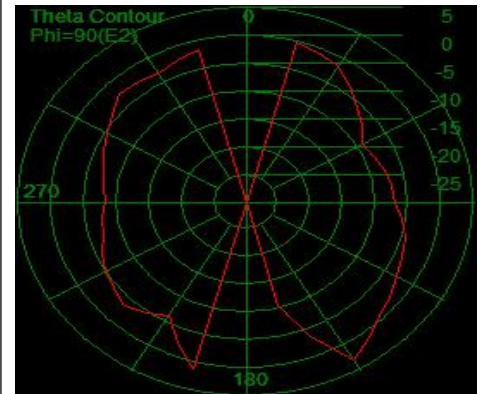
Efficiency:68.8%



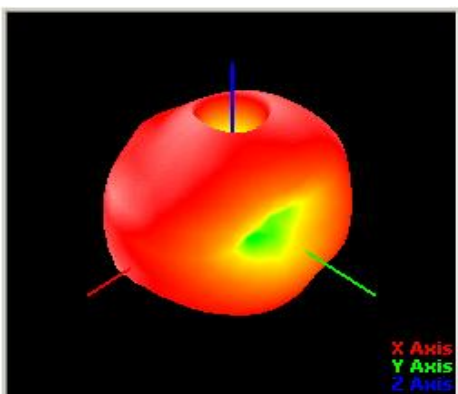
2.45G



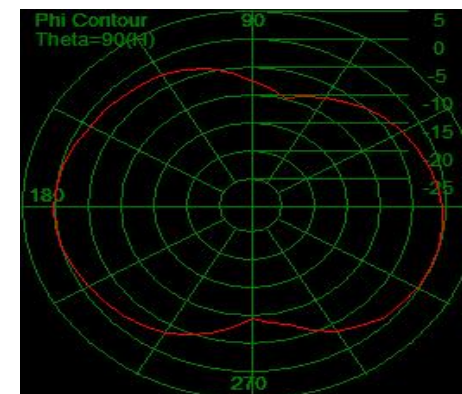
Gain(Peak):2.23dBi



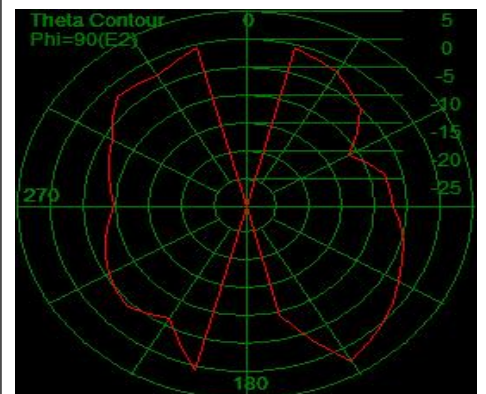
Efficiency:65.2%



2.5G



Gain(Peak):2.21dBi



Efficiency:62.3%