



SPECIFICATION FOR APPROVAL

Customer name: BeiNaiTe

Product name: 2.4G 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\pm10
Gain(dBi)	3.0
ReTurnLoss(dB)	\leq-10
VSWR	\leq2.0
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	IPEX
Physical Properties	
Antenna Base	TPE
Operating Temp	-20$^{\circ}$C-+60$^{\circ}$C
Storage Temp	-20$^{\circ}$C-+70$^{\circ}$C

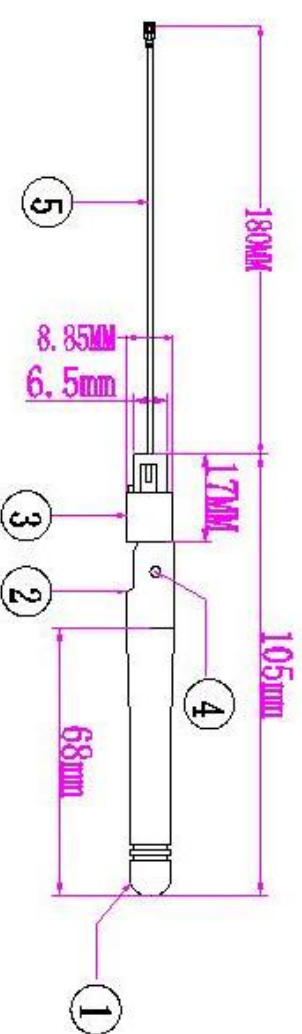
List of raw materials:

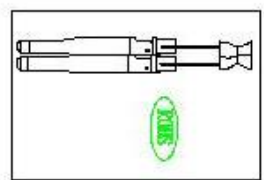
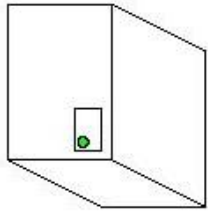
Serial number	Name	Texture	Quantity	Unit	Remark
1	Stem casing	TPE	1	PCS	
2	On the fixed seat	PC+PBT	1	PCS	
3	Under the fixed seat	PC+PBT	1	PCS	
4	Wire rod	1.13 Gray	1	PCS	
5	Copper pipe	Zinc alloy	1	PCS	

Product drawing

Product drawing










6	Cable	HP 1.13線	1	
5	rivet	PM	2	
3	Bottom Base	PO:PET	1	
2	On solder	PO:PET	1	
1	Antenna Cap	TPB	1	
NO	DESCRIPTION		Q'TY	REMARK

Specification:
 Frequency Rang:2400-2500MHZ
 Return Loss:-10DB or less
 VSWR*1.92 Max
 gain:3.0 dbi

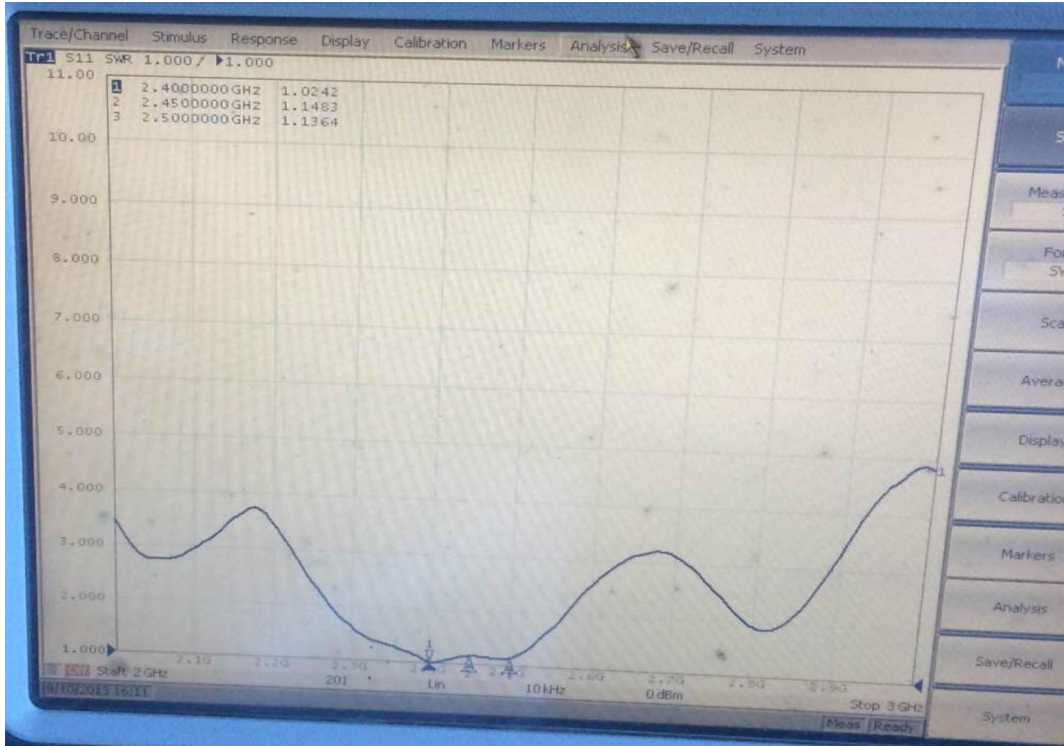
TITLE:	2.4G 2.5DB integrated antenna white								
P/N									
OUTNUMBER:									
DRAW NO:	W1-1301-0380-002-04								
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED									
TOLERANCE	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">XX ±0.05</td> <td style="width: 25%;">XZ ±1.0</td> </tr> <tr> <td>XY ±0.1</td> <td></td> </tr> <tr> <td>X ±0.2</td> <td></td> </tr> <tr> <td>X ±0.5</td> <td></td> </tr> </table>	XX ±0.05	XZ ±1.0	XY ±0.1		X ±0.2		X ±0.5	
XX ±0.05	XZ ±1.0								
XY ±0.1									
X ±0.2									
X ±0.5									

ShenZhen XinErSheng
Technology Co.,Ltd

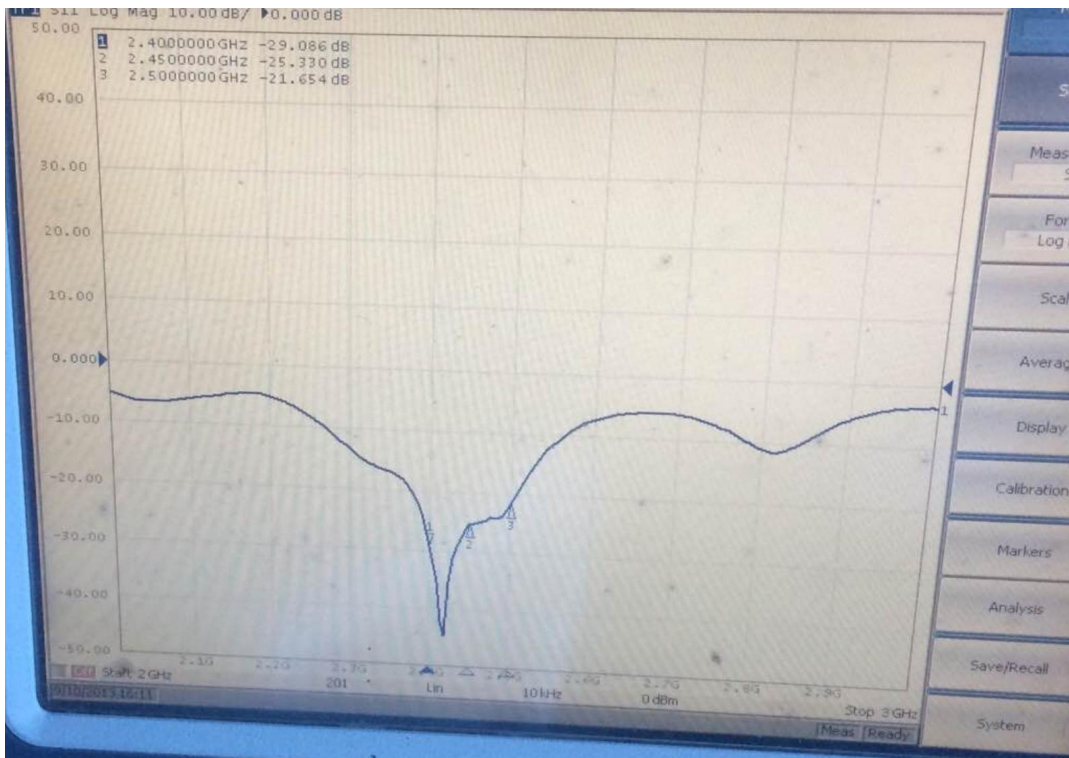
		APPROVED CHECKED DRAWED	
SHEET: 1/1	SCALE: 1/1		
UNIT: MM	REV. A		

Network analyzer test report:

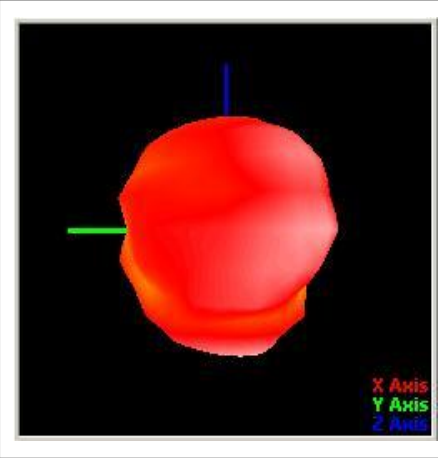
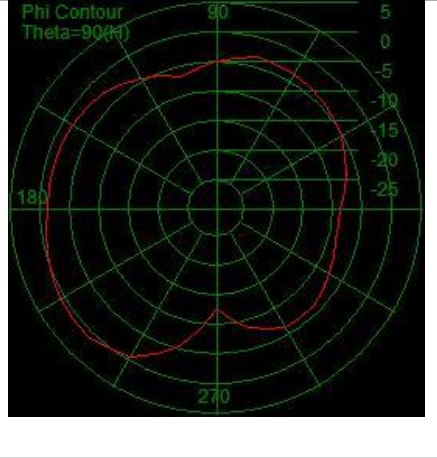
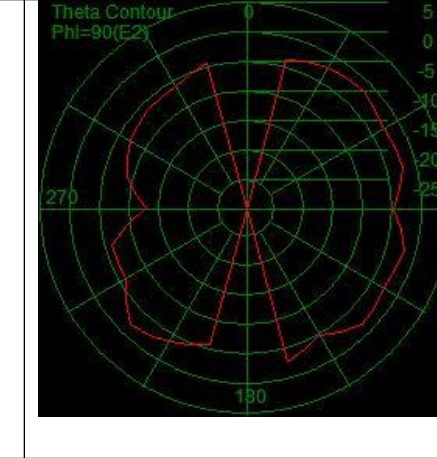
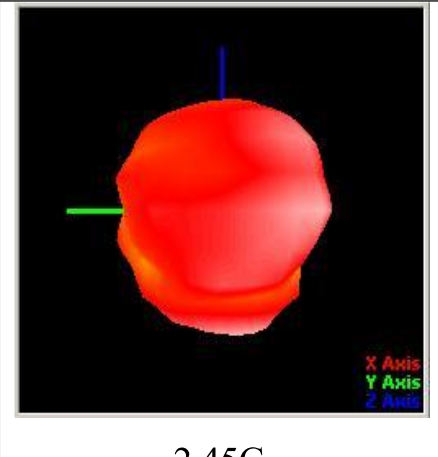
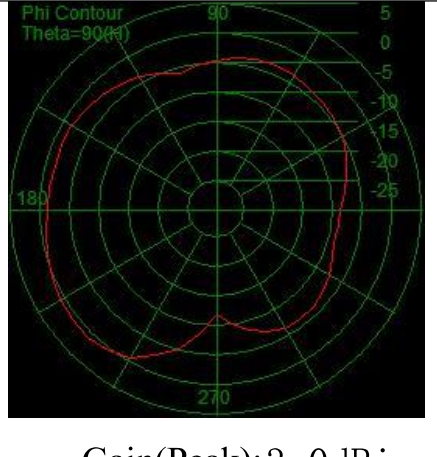
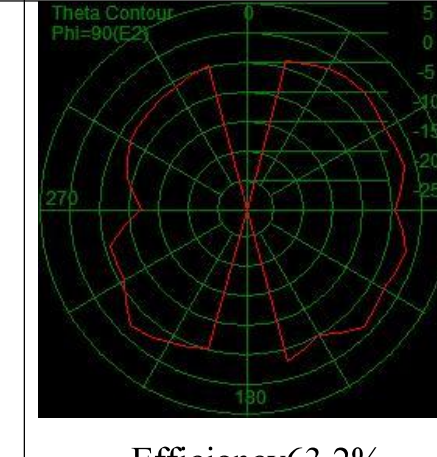
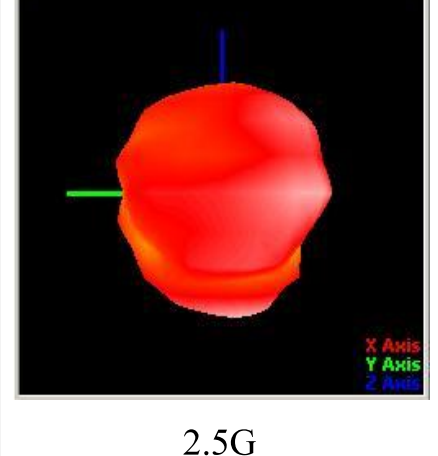
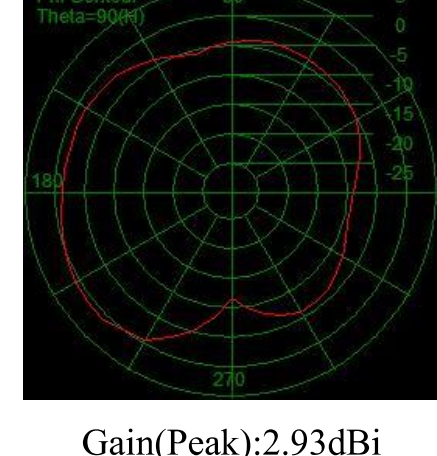
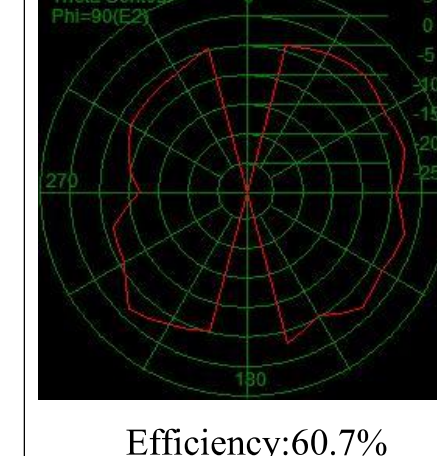
1. SWR:



2. return loss



2D、3DRaditation Pattern

		
<p>2.4G</p>	<p>Gain(Peak):2.85dBi</p>	<p>Efficiency:61.5%</p>
		
<p>2.45G</p>	<p>Gain(Peak):3.0dBi</p>	<p>Efficiency:63.2%</p>
		
<p>2.5G</p>	<p>Gain(Peak):2.93dBi</p>	<p>Efficiency:60.7%</p>