深圳市鑫尔盛科技有限公司

ShenZhen XinErSheng Technology Co.,Ltd

承 认 书

SPECIFICATION FOR APPROVAL

product name: 2.4GFPC antenna 0.81 line L=55MM without buckle (32*08)

Manufacturer part number: XESANT11B13620

Sample quantity: 5PCS

make	audit	approve	datelanded
Biao	Lisen	Amy	2024.01.16

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

Phone：0755-33881455 Fax：0755-33233276

Email: liqinghui@xinershengant.com

Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Impedance(Ω)	50±10
Gain(dBi)	2.36
ReTurnLoss(dB)	≤-10
VSWR	≤2
Polarization	Linear Vertical
Connector Type	Weld
Physical Properties	
Antenna Base	FPC
Operating Temp	-20℃-+60℃
Storage Temp	-20℃-+70℃

List of raw materials:

Component number	component name	Raw material Main material	number	unit	NOTE
1	FPC	Double-sided adhesive + low loss black cover film	1	PCS	
2	0.81 wire	0.81 wire	1	PCS	

深圳市鑫尔盛科技有限公司

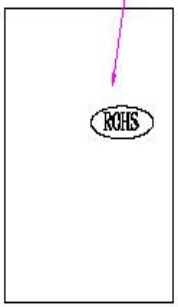
ShenZhen XinErSheng Technology Co.,Ltd

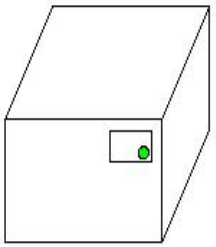
鑫尔盛 XIN ER SHENG

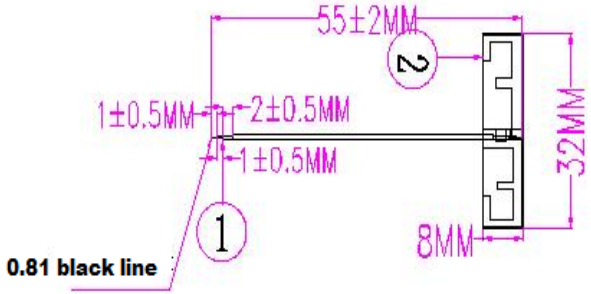
product drawing

ROHS

ROHS environmental label







Specifications:
Frequency Rang:2400-2500MHZ
Return Loss:-10DB or less
VSRW: 2.0 Max
Gain: 2.36 dBi

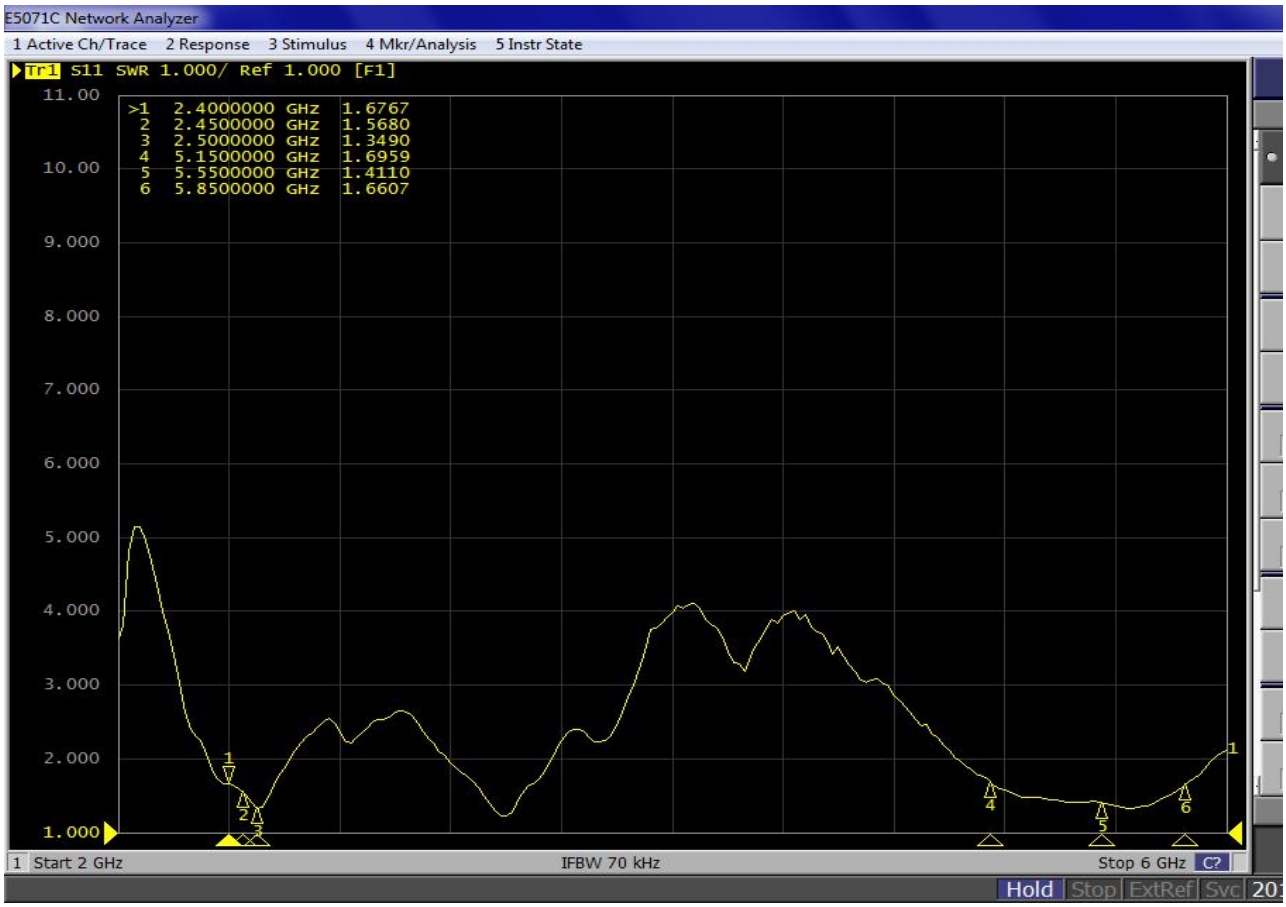
1. LPCS/ROHS label should be attached to the outer box label
2. The outer box should be affixed with 1PCS/ outer box label on the upper right corner of the outer box side mark

NO	DESCRIPTION		Q'TY	REMARK
2	FPC	9471 adhesive paper	1	
1	Cable	0.81 black line	1	

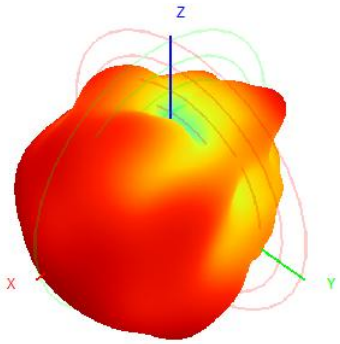
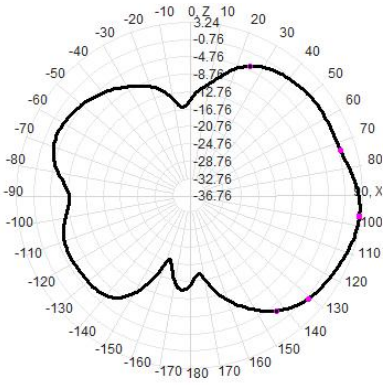
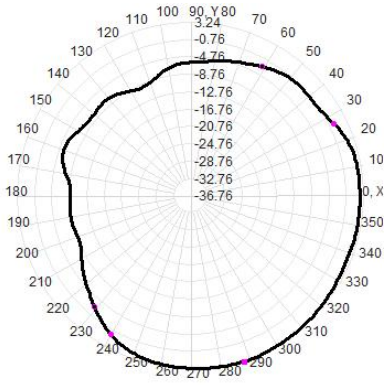
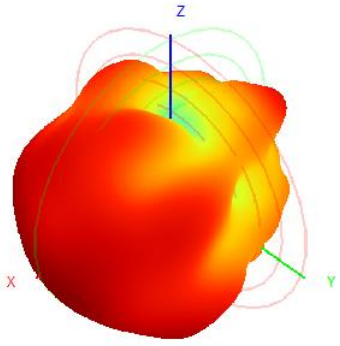
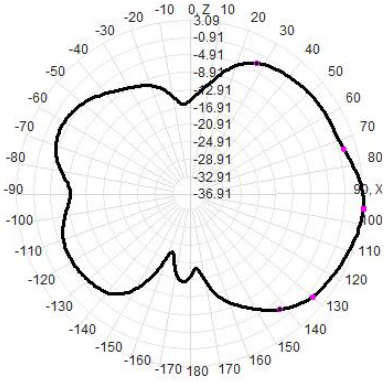
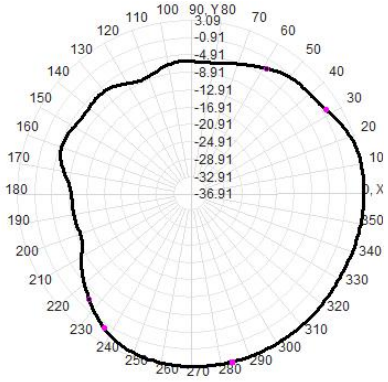
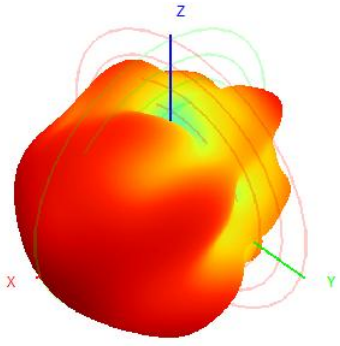
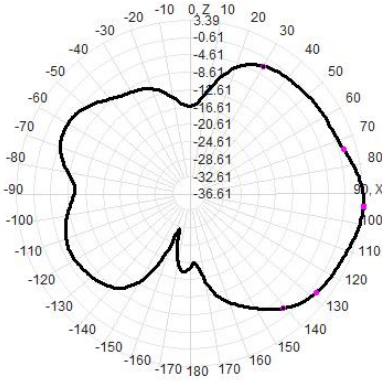
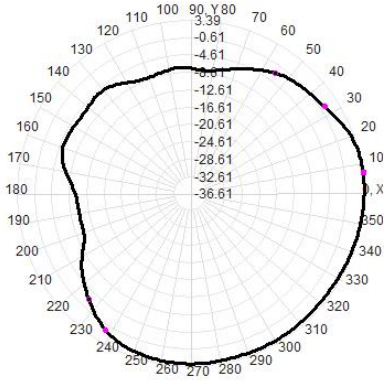
TITLE:	2.4G FPC antenna 0.81 line L=55mm without buckle (3208)	ShenZhen XinErSheng Technology Co.,Ltd	
P/N			
OUSTOMER:			
DRAW NO:	XESANT11B13620		
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED			
一般公差 TOLERANCE	XXX ±0.05 / XX±0.1 / X±0.2 / X±0.5	XX±1.0	
SHEET:1/1	SCALE:1/1	APPROVED	
UNIT:MM	REV. A	CHECKED	
		DRAWED	

Network analyzer Test Report:

VSWR:



2D、3DRaditation Pattern

		
2.4G	Gain(Peak):2.13dBi	Efficiency:51.4%
		
2.45G	Gain(Peak):2.21dBi	Efficiency:52.6%
		
2.5G	Gain(Peak):2.36dBi	Efficiency:52.2%