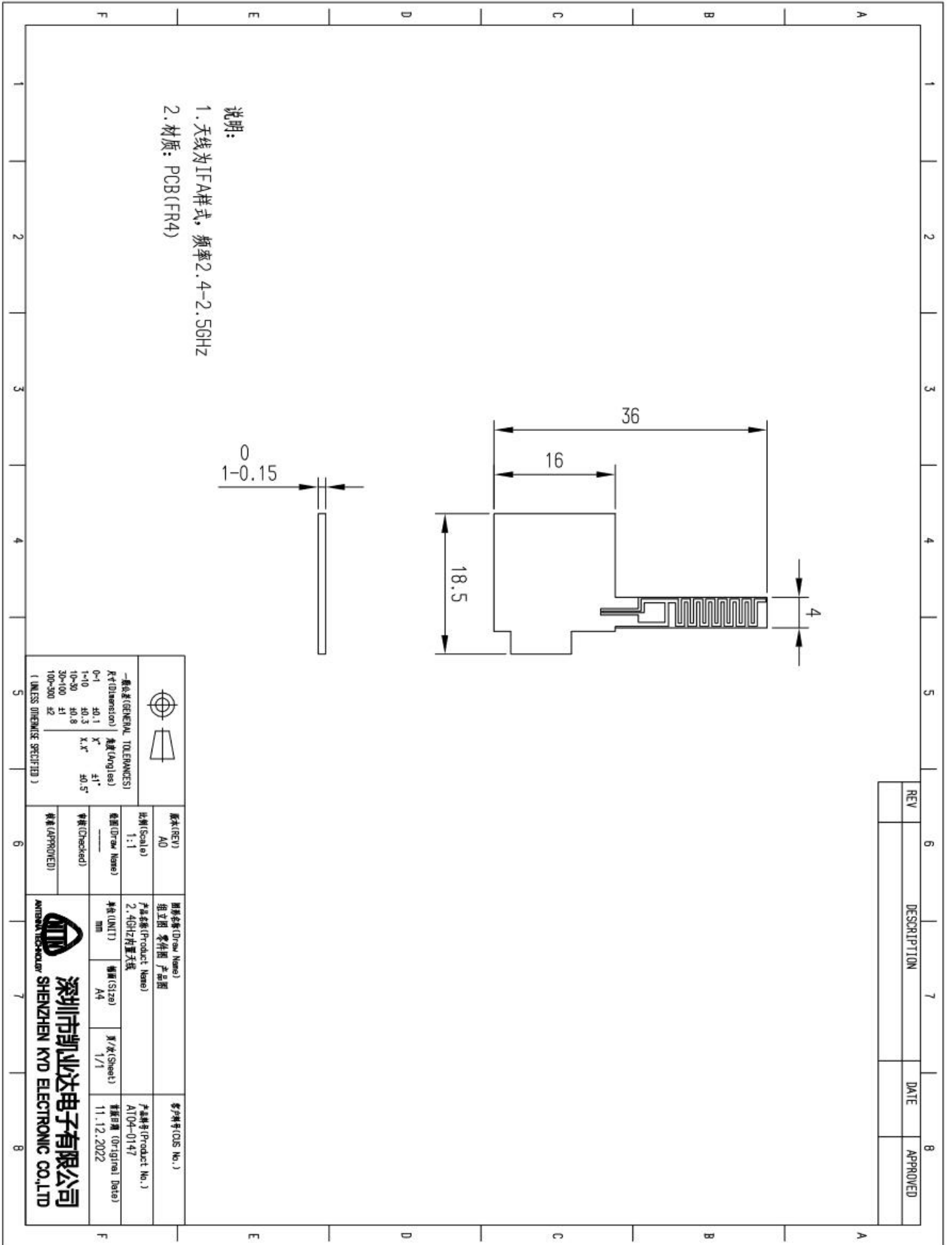


3、Directory

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4、 Product drawings.....	4
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6、 2D、 3D Performance figure.....	6
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4、Product drawings



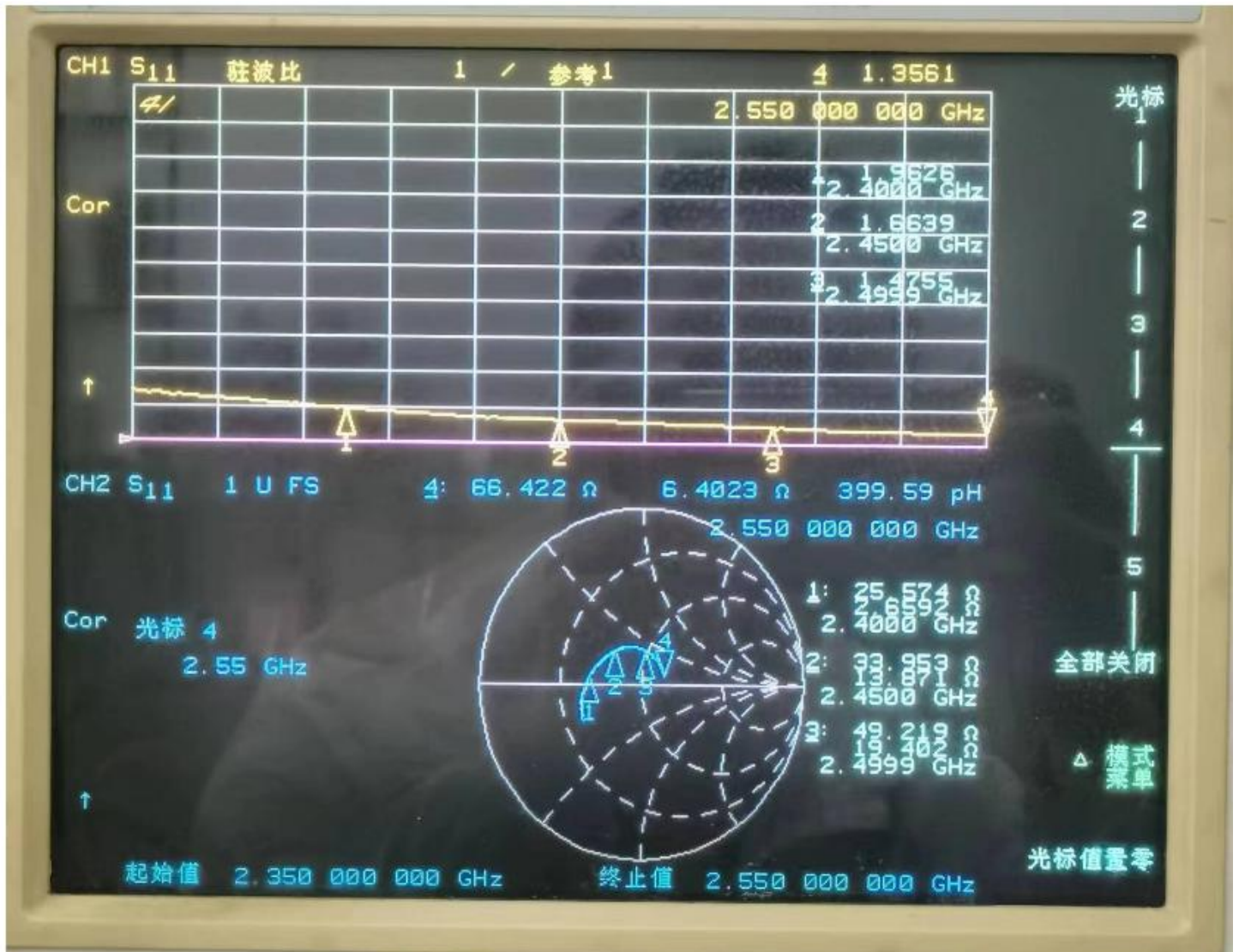
说明：
 1. 天线为IFA样式，频率2.4-2.5GHz
 2. 材质：PCB(FR4)

REV	DESCRIPTION	DATE	APPROVED

		版本(REV) A0	图样名称(Draw Name) 组立图 零件图 产品图	零件编号(DWG No.)
一般公差(GENERAL TOLERANCES) 尺寸(Dimension) 公差(Tolerance) 0-1 ±0.1 X, X' ±1° 10-30 ±0.3 X, X' ±0.5° 30-100 ±1 ±1° 100-300 ±2		比例(Scale) 1:1	产品名称(Product Name) 2.4GHz片状天线	产品编号(Product No.) AT04-0147
(UNLESS OTHERWISE SPECIFIED)		审核(Checked)	幅面(Size) A4	首次日期(Original Date) 11.12.2022
核准(AAPPROVED)		深圳市凯业达电子有限公司 SHENZHEN KYD ELECTRONIC CO.,LTD		页次(Sheet) 1/1

5、Passive performance test parameters

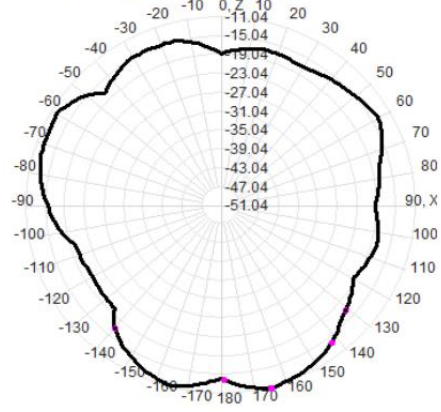
Frequency (GHz)	2.4	2.45	2.5
VSWR	1.96	1.66	1.47



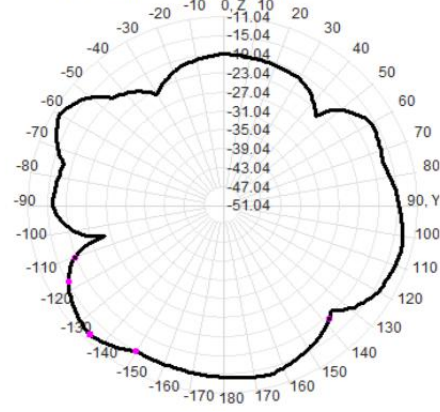
6、2D、3D Performance figure

Passive Test For WiFi2.4G				
Freq (MHz)	Effi (%)	Gain(dBi)		
2400	3.0	-9.89		
2450	13.27	-3.67		
2500	20.63	-1.85		

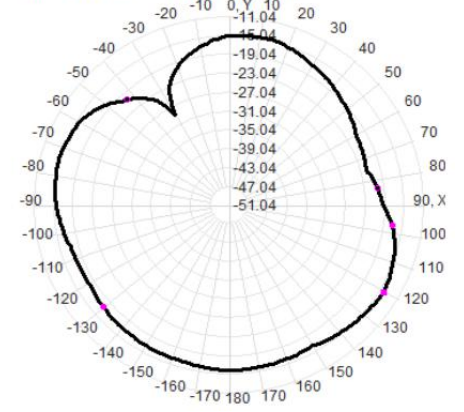
2400.0MHz Total(E1-XZ), Max=-11.04dBi



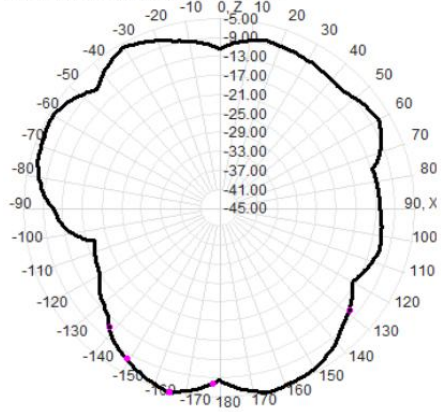
2400.0MHz Total(E2-YZ), Max=-12.39dBi



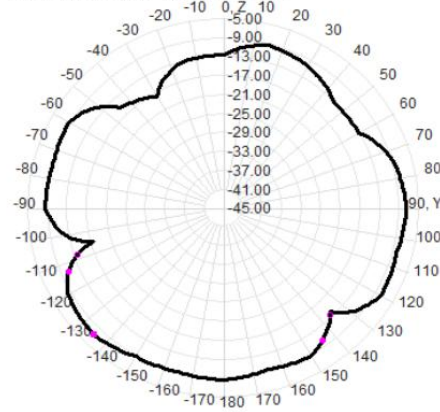
Total(H-XY), Max=-14.48dBi, CirD=14.40



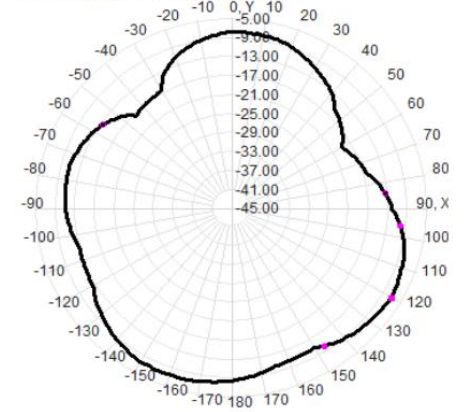
2450.0MHz Total(E1-XZ), Max=-5.00dBi



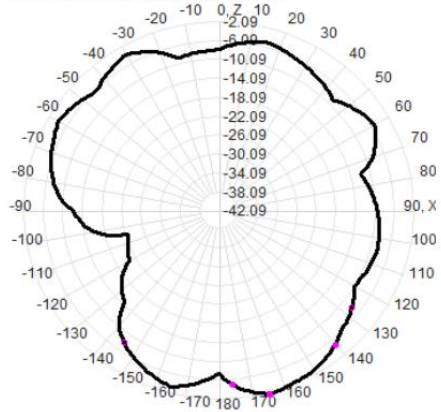
2450.0MHz Total(E2-YZ), Max=-7.48dBi



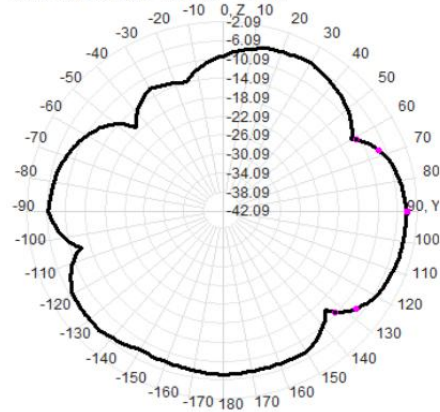
Total(H-XY), Max=-7.41dBi, CirD=11.68



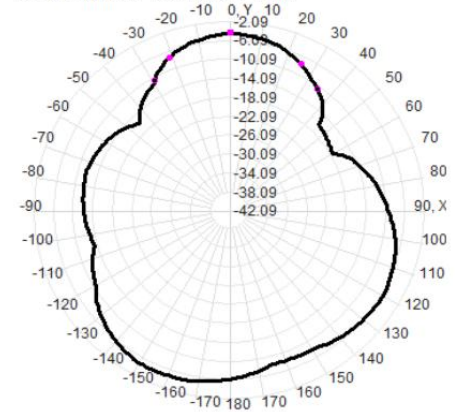
2500.0MHz Total(E1-XZ), Max=-2.09dBi



2500.0MHz Total(E2-YZ), Max=-4.53dBi



Total(H-XY), Max=-4.53dBi, CirD=13.40



7、Electrical performance test report

Electrical parameters		
Frequency range	2400MHz-2500MHz	
input impedance	50 Ω	
VSWR	<2.0 control sample test pater	
Gain	Maximum	-1.85
Polarization mode	Vertical polarization	
Radiation direction	omnidirectional	
connection method	Soldering tin	
The mechanical parameters		
Cable	/	
Environmental parameters		
Working temperature	-40~85℃	