

IAC4
规格承认书

客户名称 / Customer	Insta360
供应商 / Supplier	Shenzhen Zhongtianxun Communication Technology Co., LTD
供方料号 / Supplier P/N.	2.00001995
时间 / Time	2026年6月24日
版本 / Version	A0
型号/Model No.	ZTX IAC4 WiFi-1

供应商会签 Approval			
批准 Approval	品质承认 QA Approval	工程承认 PE Approval	研发承认 RD Approval
Guohua. Zou	Lei. Cheng	Youjie. Ke	Jin. Wei

客户承认 Customer Approval			
批准 Approval	品质承认 QA Approval	研发承认 RD Approval	采购承认 PUR Approval

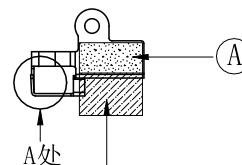
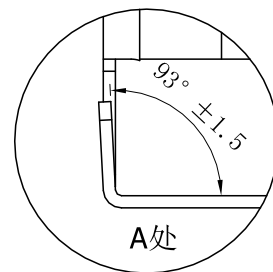
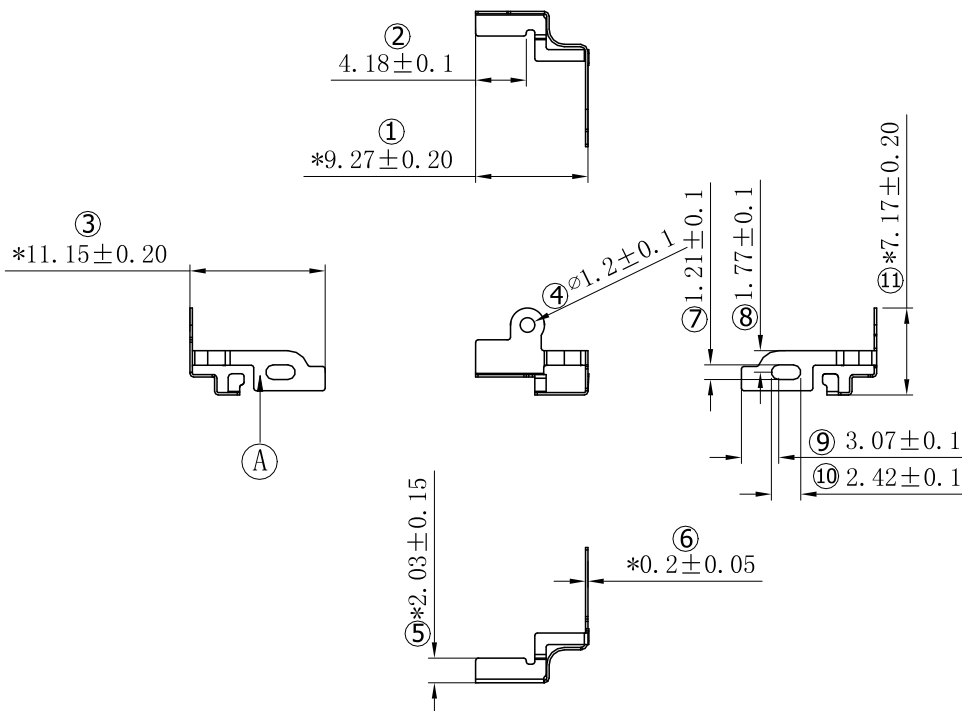
Note: Co-signing requires manual signature confirmation;

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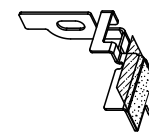
1.2D drawing	1
2.AntennaTest Report.....	2~5

图纸编号:ZTX-QR-RD-013

Rev 版本	Description 描述	Designed 制图	Date 日期
V1	首次发行	柯友杰	2025. 10. 27
V2	更改天线	柯友杰	2025. 12. 30
V3	更改天线	柯友杰	2026. 02. 09
V4	更改天线	柯友杰	2026. 03. 31
V5	更改天线	柯友杰	2026. 06. 02
V6	更改天线	柯友杰	2026. 06. 08



离型纸撕手柄



备注:

1. 焊点焊接可靠，不能有虚焊，假焊、两焊点短路等不良；
2. 包装按弹片来料包装，运输过程中产品不能挤压，线条需保持直顺，不能有明显扭曲变形现象；
3. 未经过ZTX公司确认，材料不能随意更改，
材质符合ROHS2.0/Reach/HF要求；
4. 带“*”的尺寸为CPK管控尺寸。

材质说明:

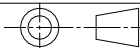
序号	部件名称	材质工艺	数量	备注
①	弹片	SUS304/T=0.2mm	1	
②	WIFI-1-双面胶	双面背胶/5.4*2.27mm	1	



深圳市中天迅通信技术有限公司

Shenzhen ZHONGTIANXUN Communication Technology Shares Co., Ltd

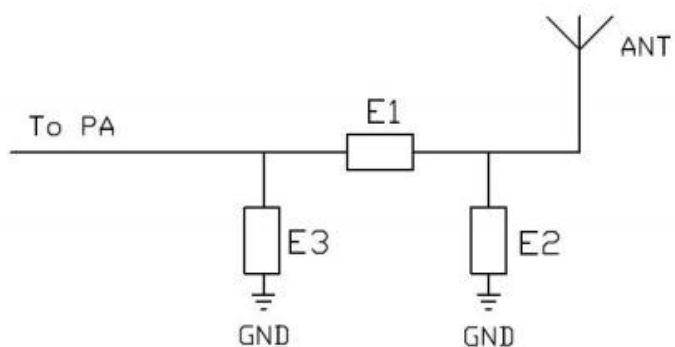
General Tolerance			Date 日期: 2026.06.08	Unit 单位: mm	Rev 版本: V6	Scale 比例: 1:1	Project code 项目代码: ztx5031	
Grade	A	B	Designed 设计: 柯友杰	Material 材料: 	Project Name. 项目名称: IAC4			
Dim 0-10	±0.10	±0.20			Checked 审核: 韦进	Process 工艺: 	Product Name 产品名称: WIFI-弹片-天线组件	
10-20	±0.15	±0.30					Material Code 物料编码: 2.00001995	
20-40	±0.20	±0.40						
40	±0.25	±0.50			Approval 批准: 邹国华	Third Angle 第三视角 		



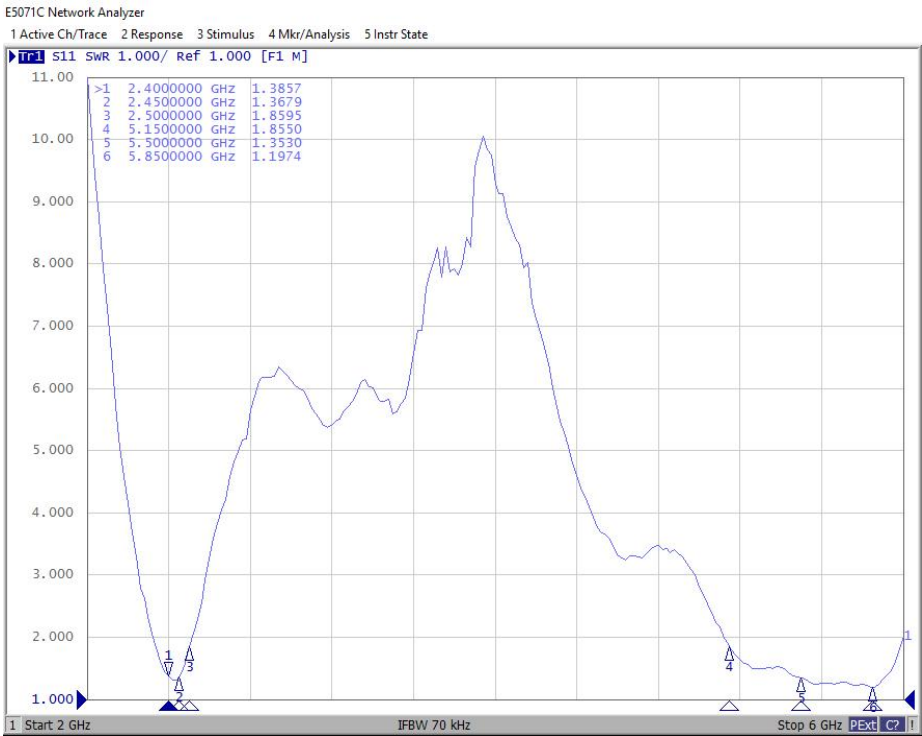
Basic Specifications

Specification	Descriptions
Model Name	ZTX IAC4 WiFi-1
Frequency	2.4~2.483GHz&5.15~5.875GHz
Connector Type	Spring
Gain	-0.7dBi@2.4~2.4835GHz 0.8dBi@5.15~5.25GHz 0.9dBi@5.725~5.85GHz
Antenna manufacturer company name	Shenzhen Zhongtianxun Communication Technology Co.,LTD
Antenna manufacturer company address	No.34,ShilongAvenue,ShiyanTown,BaoanDistrict,Shenzhen,(TengdaIndustrialPark)

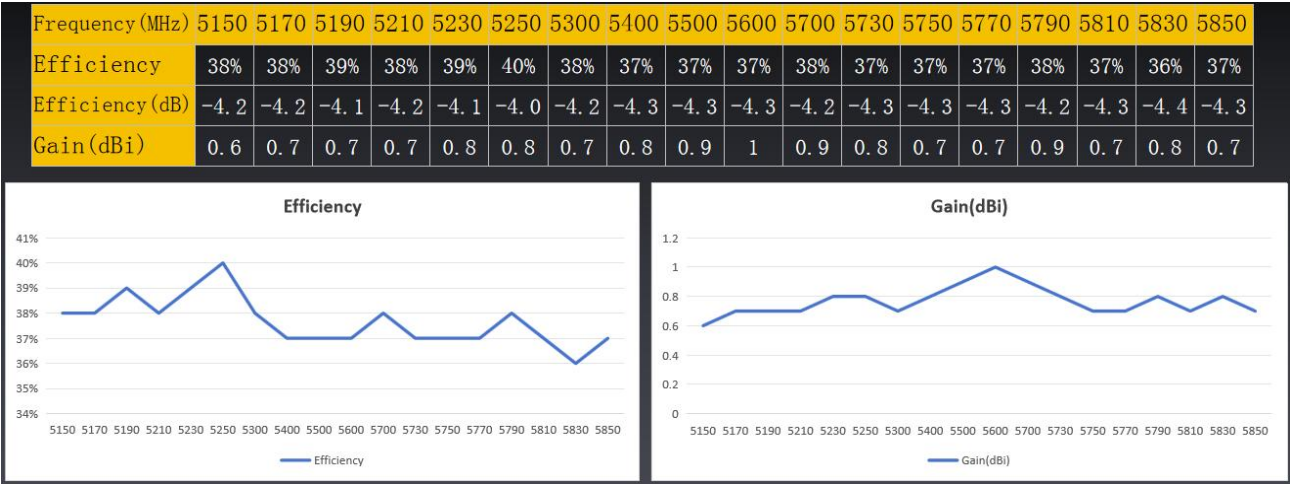
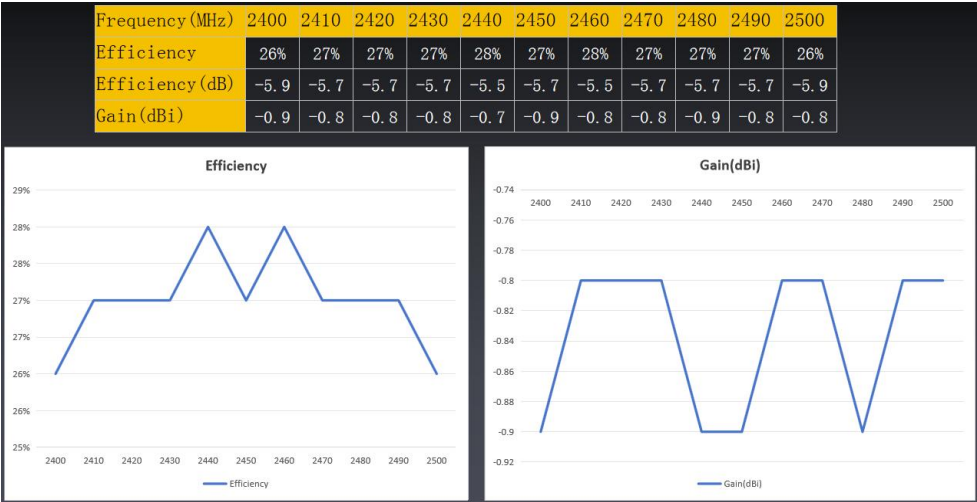
matching circuit



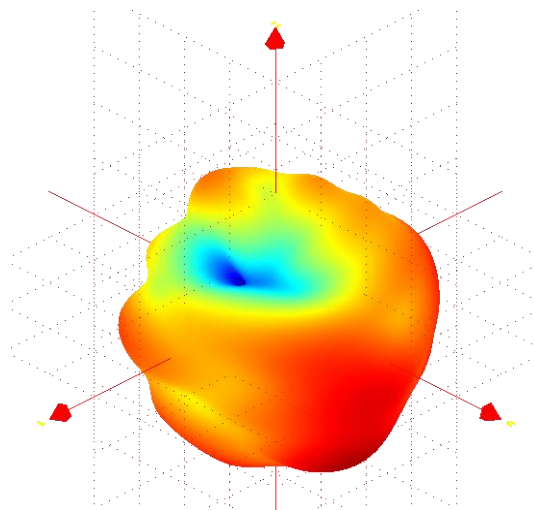
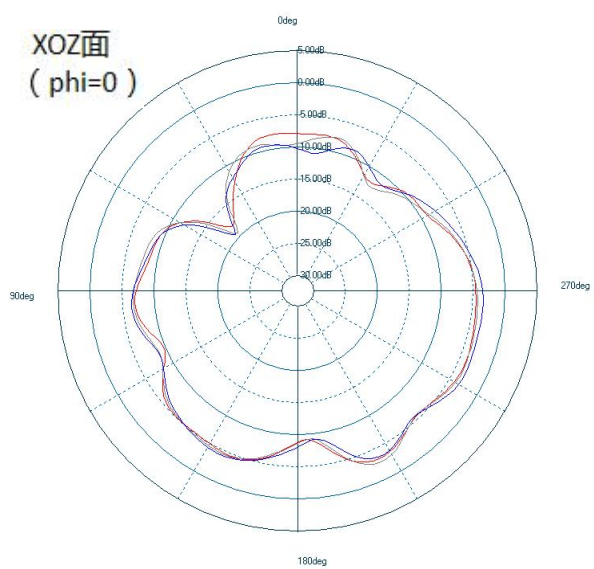
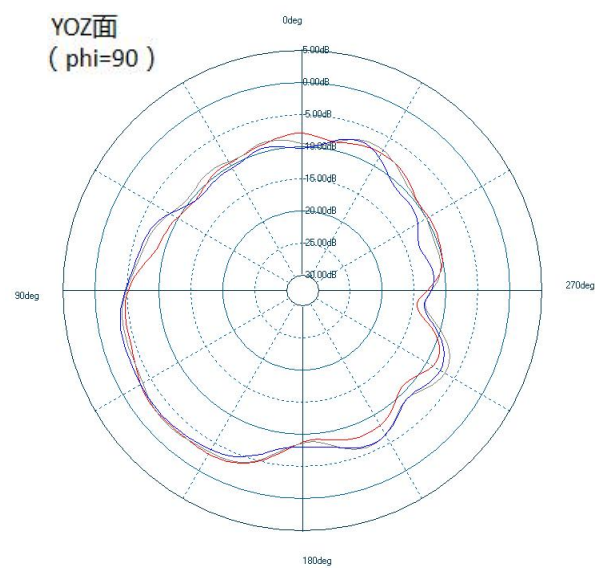
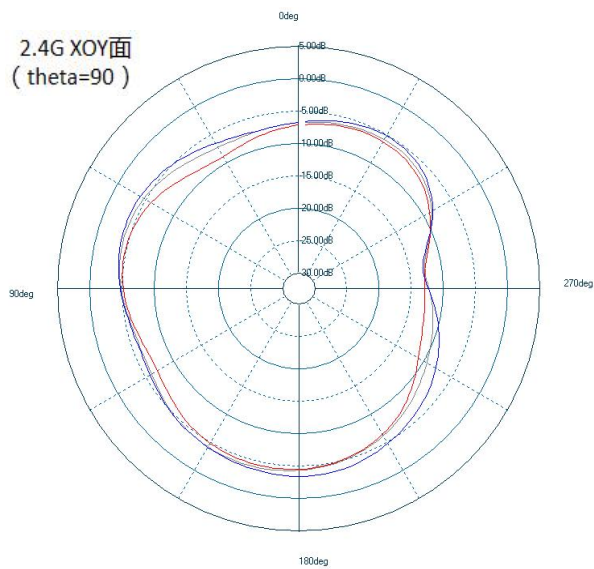
天线匹配	
E1	1.8nH
E2	0.6pF
E3	NC



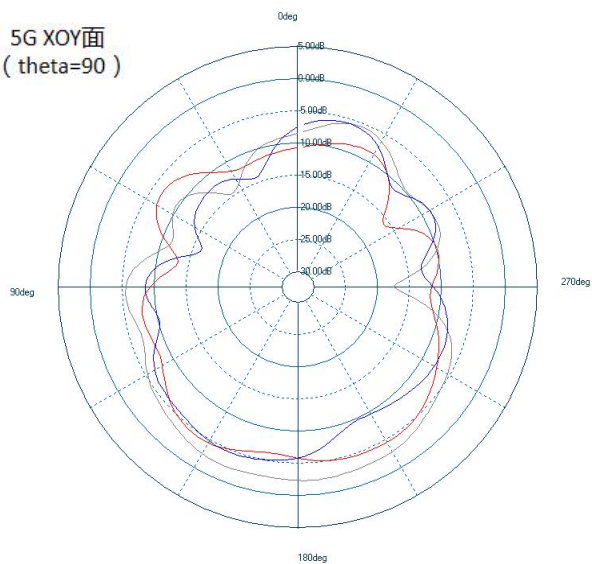
Gain&Efficiency



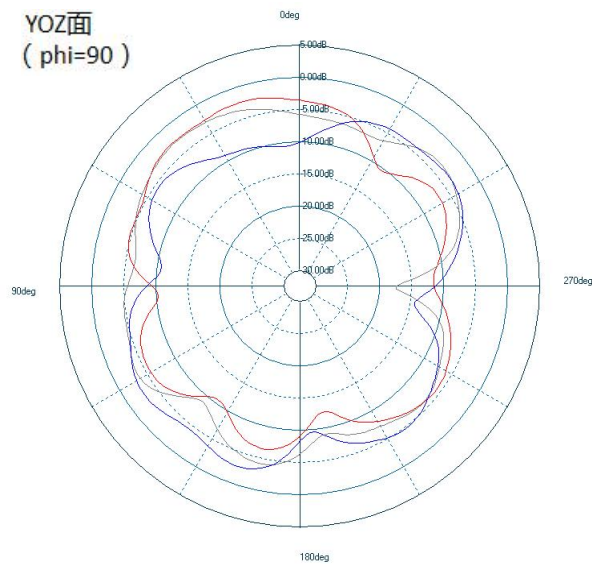
2D/3D Radiation pattern



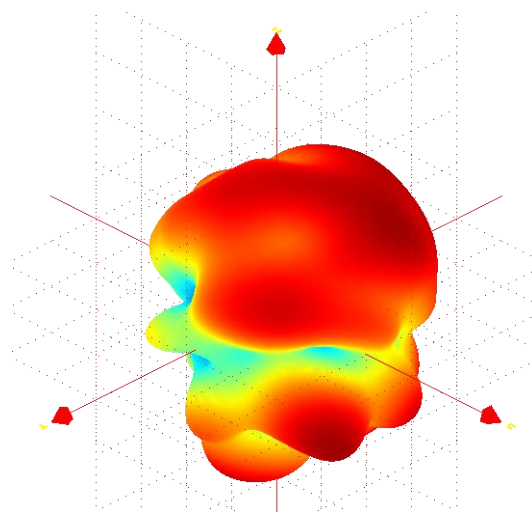
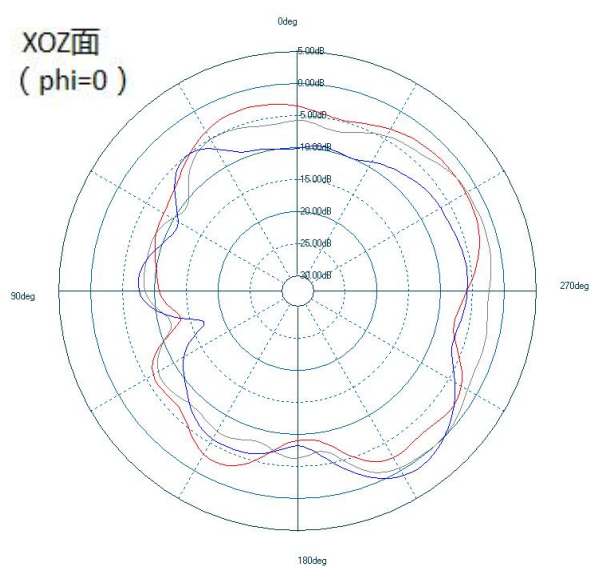
5G XOY面
($\theta=90^\circ$)



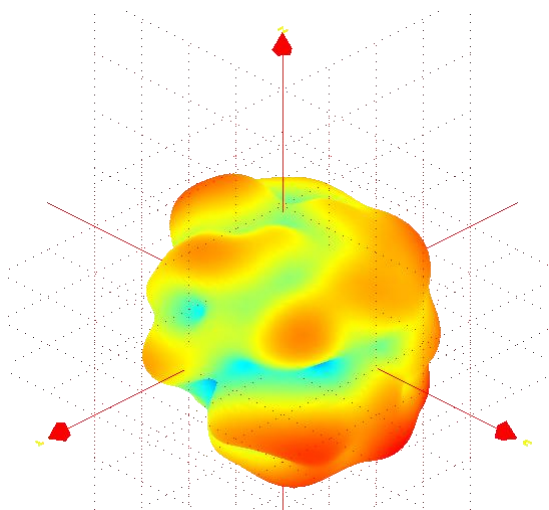
YOZ面
($\phi=90^\circ$)



XOZ面
($\phi=0^\circ$)



5190MHz 3D



5790MHz 3D