



深圳市科信无线技术有限公司

Shenzhen Kexin wireless Technology Co., LTD

Acknowledgement

承认厂商： 东莞市亿昌电子科技有限公司

(Recognized manufacturers)

制造厂商： 深圳市科信无线技术有限公司

(Manufacturer)

产品名称： 3.5CM线T形2.4G 3.5CM line T-shape 2.4G

(Description)

产品型号： KX-WIFI-3.5CM-02

(Model)

(Product Type)

Customer:				
客户确认 Customer Approval	核对	审查	核准	承认日期
Provider:				
供应商确认 Provider Approval	制作	审核	核准	制作日期
	谢春发	刘景雄	王飞	2023.8.7

版本	日期	变更内容
X0	2023.8.7	

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Building H, Yongli Industrial Park, Shabei Hongli, Longxin Community, Baolong Street, Longgang District, Shenzhen, China

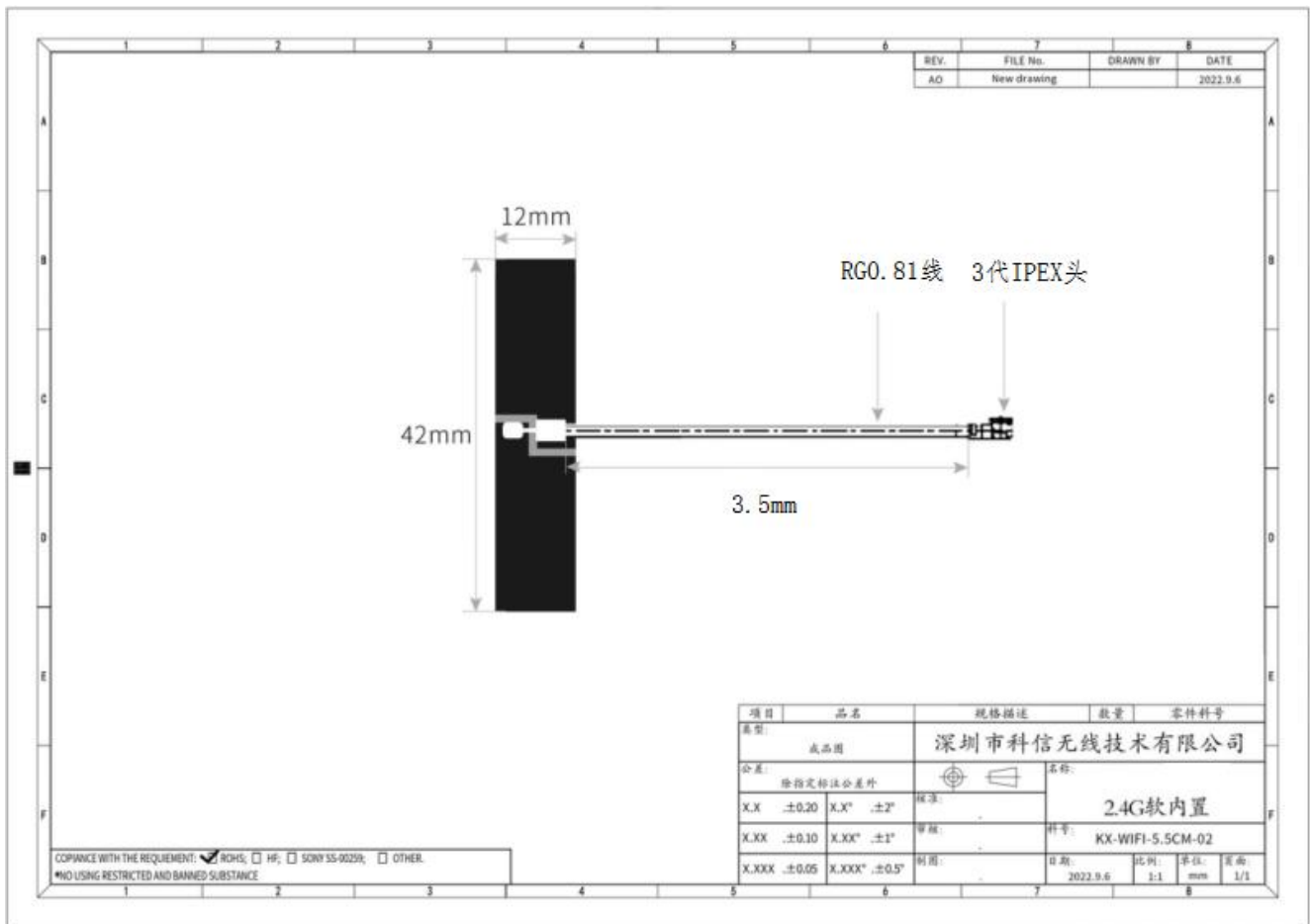
TEL: 0755-28700870

FAX: 0755-28483275

一、 产品性能参数表 Product performance parameter table

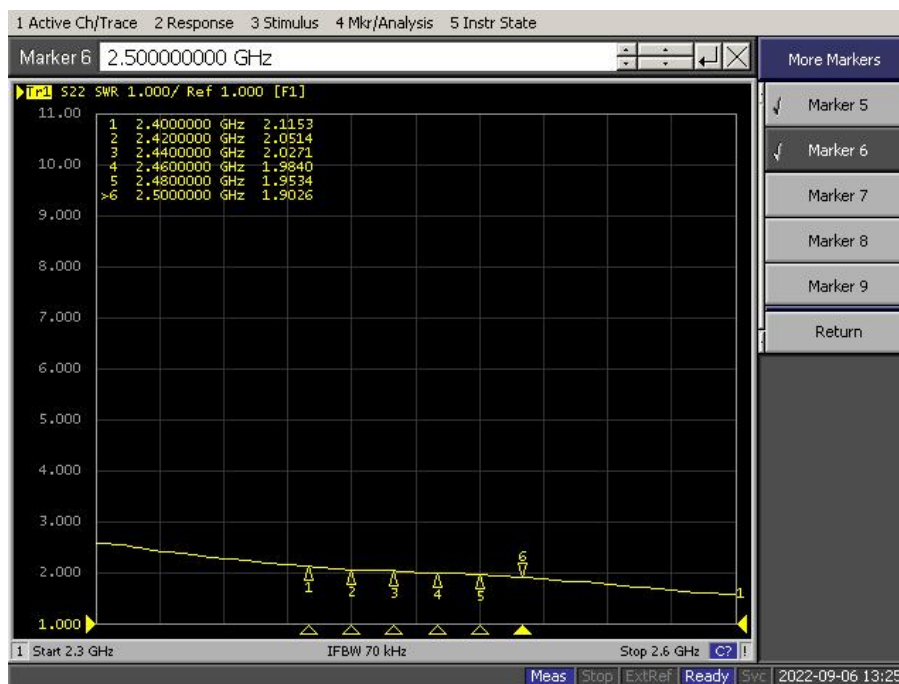
电性能指标 Electrical Specifications	
频率范围Frequency Range (MHz)	2400~2500
带宽Band Width(MHz)	100
输入阻抗Input Impedence (Ω)	50
电压驻波比V.S.W.R	≤ 2.5
增益Gain (dBi)	1.38
极化形式Polarization Type	垂直 Vertical
最大功率Maximum power(W)	10W
垂直面波瓣角度Vertical lobe Angle (E)	28~50°
水平面波瓣角度Water plane lobe Angle (H)	360°
机械指标 Mechanical Specifications	
天线材质Material	FPC
连接器型号Connect Type	RG0.81
天线尺寸Size	42*12mm
工作温度Operating Temp	-20 ~ +65 °C
储存温度Storage Temp	-30 ~ +75°C

二、 产品结构图 Product structure drawing



三 电性测试报告 Electrical test report

3.1驻波比图 Standing poppy chart

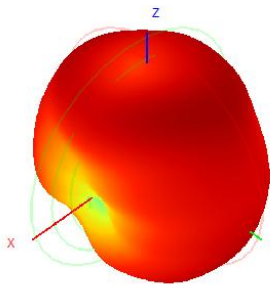




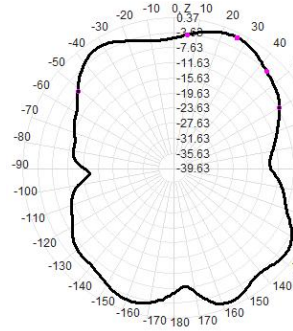
3.2 测试数据 Test data

Frequency (MHz) (工作频段)	Efficiency (%) (效率)	Peak Gain (dBi) (增益)
2400	47.45	0.95
2410	47.54	1.04
2420	46.03	1.02
2430	45.41	1.14
2440	44.71	1.32
2450	43.75	1.37
2460	42.57	1.19
2470	43.22	1.07
2480	45.47	1.08
2490	48.18	1.15
2500	53.06	1.38

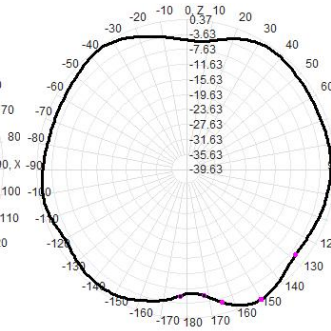
3.3 2D&3D



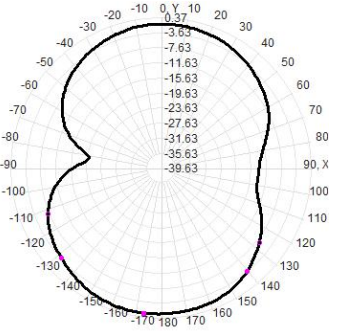
2400MHz



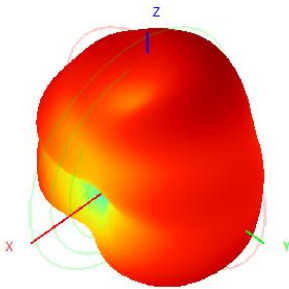
E1



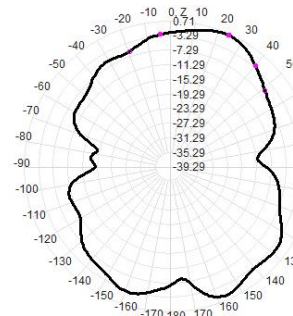
E2



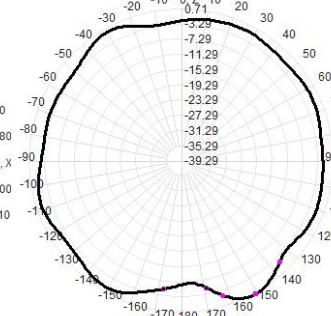
H



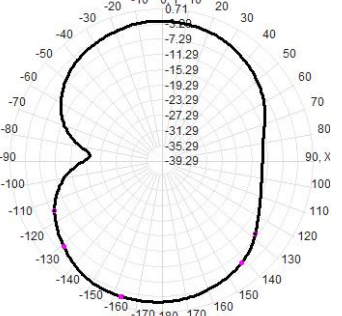
2450MHz



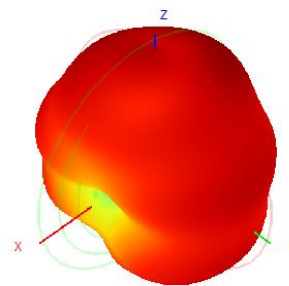
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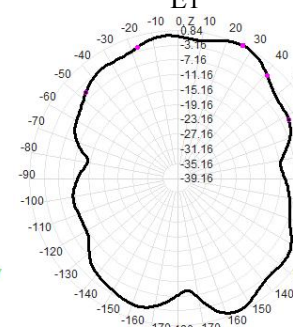
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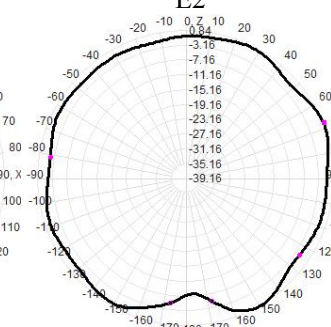
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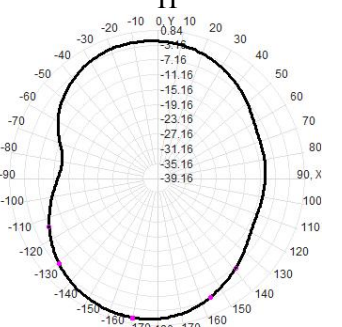
2500MHz



E1



E2



H



3.4产品图片 Product picture

