

深圳旭航通讯科技有限公司

Shenzhen Xuhang Communication
Technology Co., Ltd

规格承认书

客户 CUSTOMER	宇创兴业
客户料号 CUSTOMER NO.	CSM55P
供方品名 PART NAME	WiFi 天线
规格名称 SUPPLIER NO.	XH240180

客户确认 CUSTOMER APPROVED BY		
检验 APPROVAL	审核 CHIEF	批准 SUPERVISOR

设计 DESIGN	审核 CHECK	批准 APPROVAL
Luo	Robert	SHANG

Date:December 25,2024

DIRECTORY

[illegible]

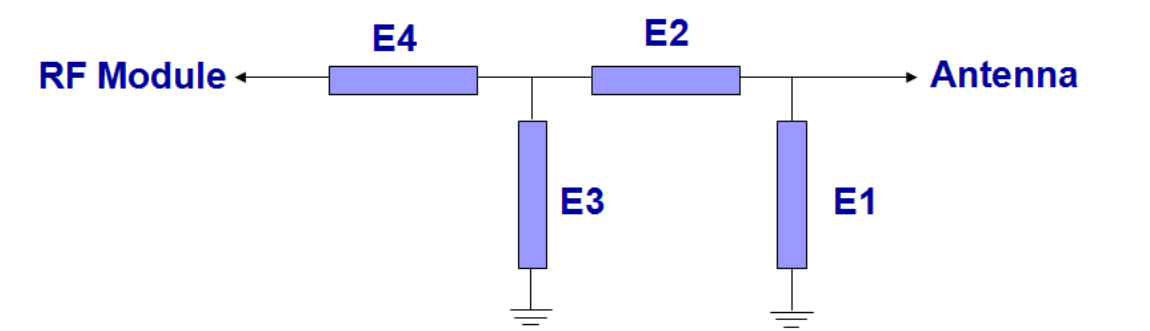
电性测试报告

TEST REPORTS

频率 Frequency	WiFi(2400~2500MHz)
阻抗 Impedance	50 Ohm Nominal
驻波比 V.S.W.R	≤2.0
回波损耗 Return Loss	-10dB Max
辐射 Radiation	Omni-directional
增益 Gain(Peak)	2.03dBi
极化方式 Polarization	Linear,Vertical
功率 Admitted Power	1W
连接器 Connector	I-PEX I
Physical Properties	
天线材质 Antenna Material	FPC
线材类型 Cable Type	O.D.1.13mm
工作温度 Operating Temp.	-10-+60℃
存储温度 Storage Temp.	-10-+70℃
线材颜色 Cable Color	Black

匹配电路

Matching Circuits



匹配电路

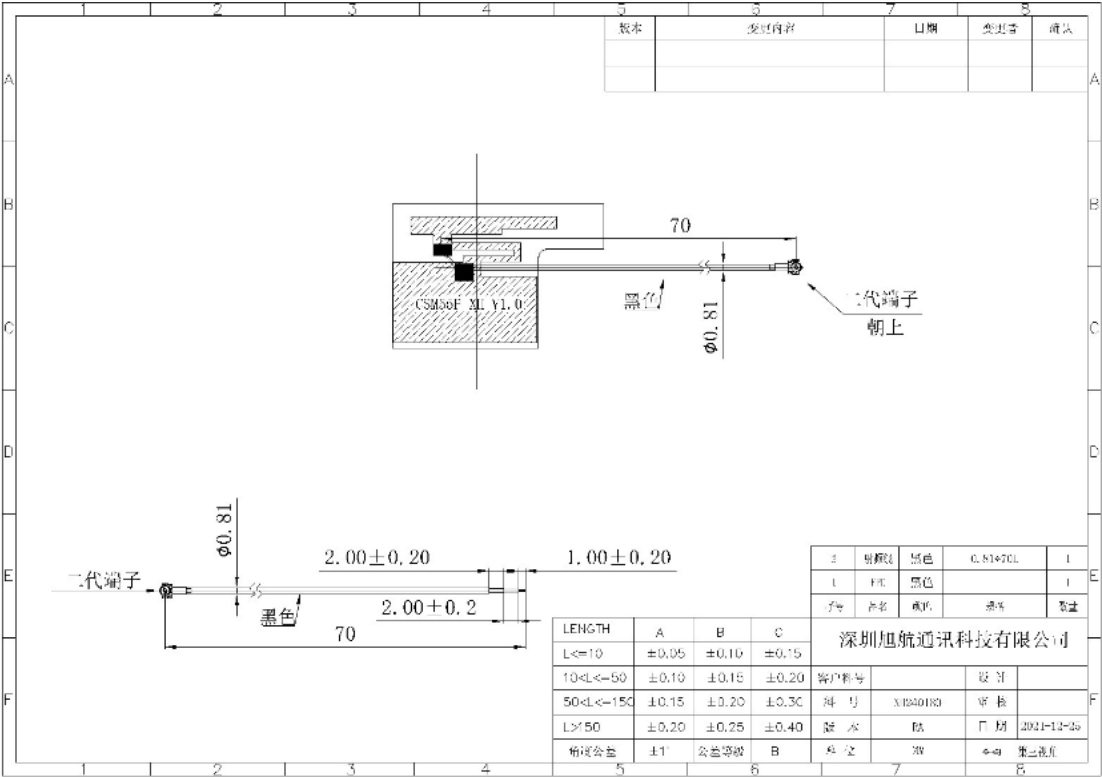
Element	Value	Vender
E1(0402)		
E2(0402)	0Ω	
E3(0402)		
E4(0402)	0Ω	

原匹配电路无修改

The original matching circuit has not been modified

工程图

DRAWING

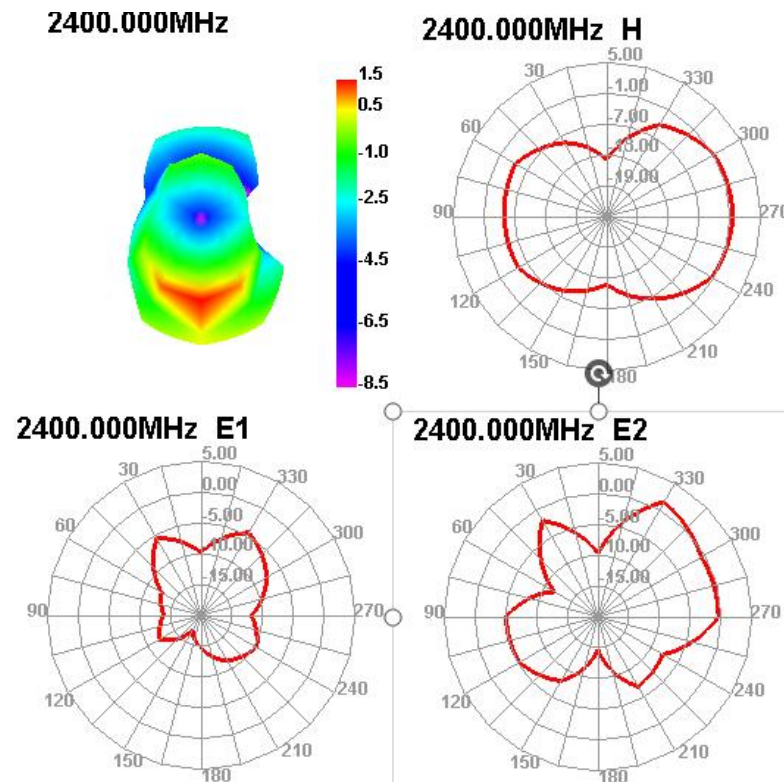


测试数据

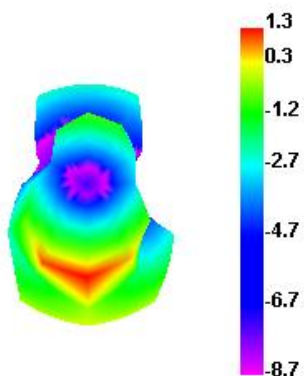
Test Data

Freq (MHz)	Effi (%)	Gain (dBi)
2400	44.75	1.51
2410	43.74	1.37
2420	48.65	2.03
2430	47.35	1.84
2440	47.7	1.76
2450	45.36	1.29
2460	44.58	1.21
2470	46.98	1.49
2480	43.3	0.91
2490	47.66	1.45
2500	43.81	0.82

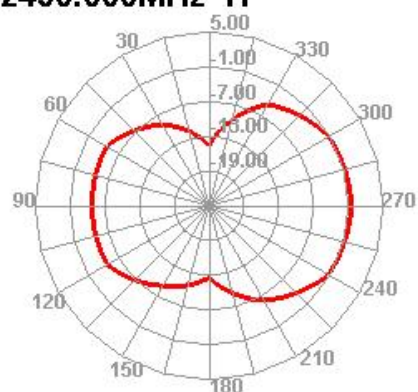
3D 方向图



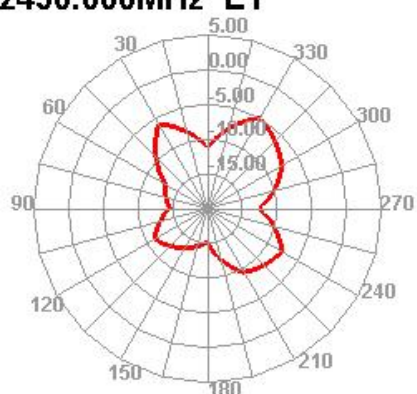
2450.000MHz



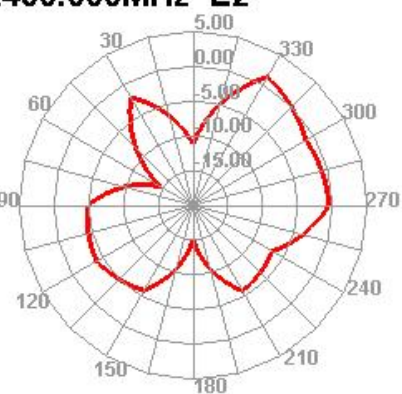
2450.000MHz H



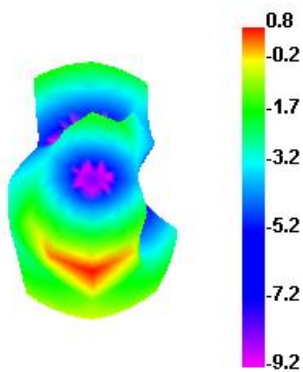
2450.000MHz E1



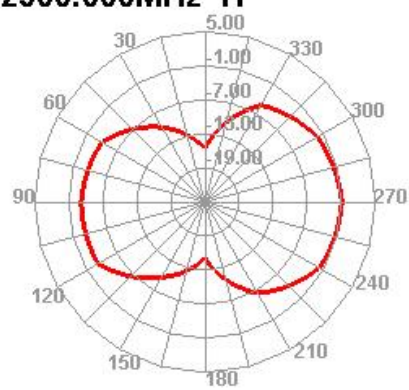
2450.000MHz E2



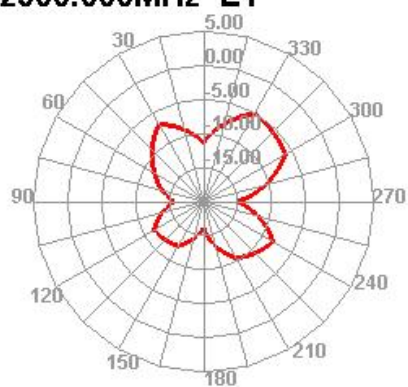
2500.000MHz



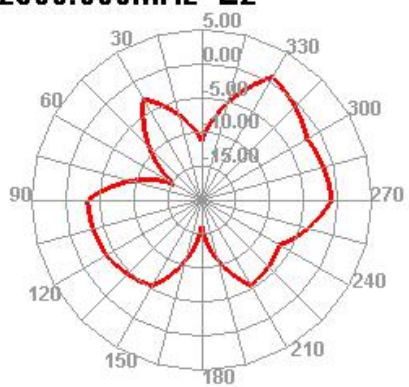
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



安裝位置

Antenna assembly position

