

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	
客户料号 CUSTOMER NO.	E1
供方品名 PART NAME	蓝牙天线
规格名称 SUPPLIER NO.	XH260044-B

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: May 26, 2026

DIRECTORY

[illegible]

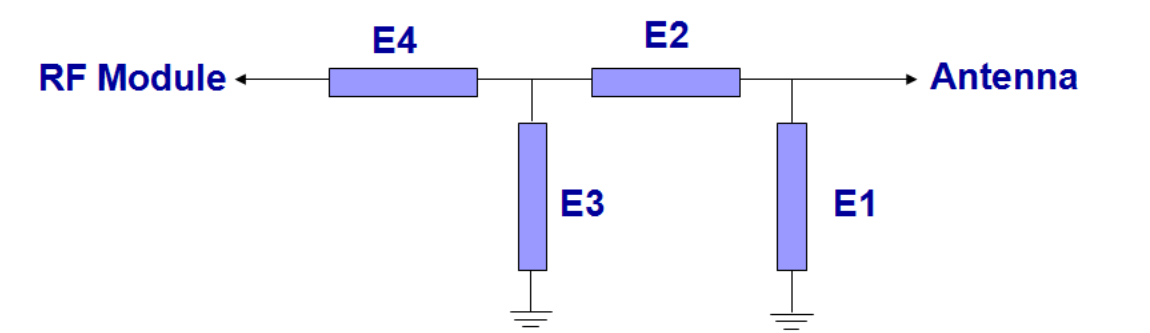
电性测试报告

TEST REPORTS

频率 Frequency	2.4G(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)	2.4G:2.64dBi
极化方式 Polarization	Linear,Vertical
功率 Admitted Power	1W
连接器 Connector	I-PEX1
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



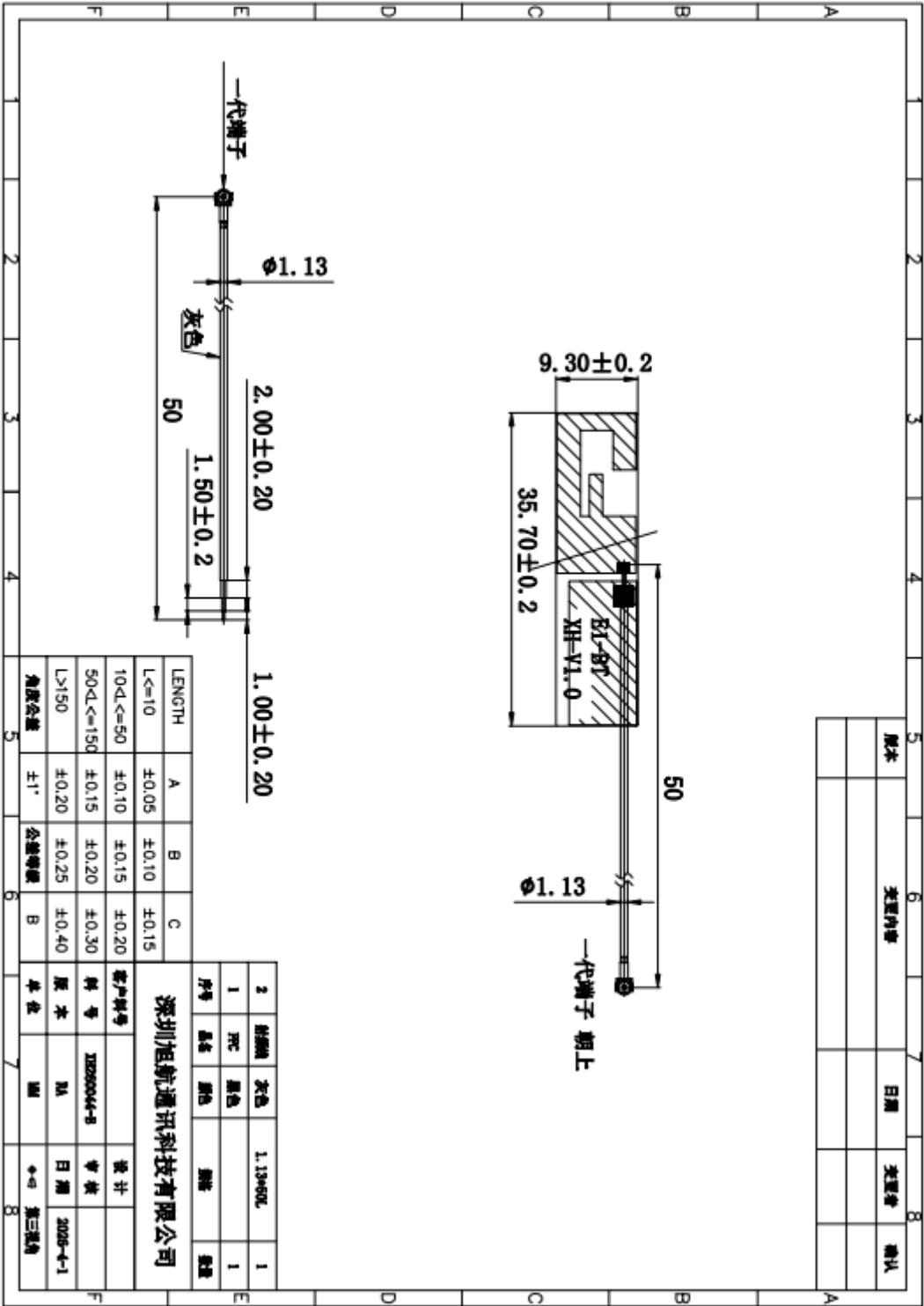
匹配电路

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

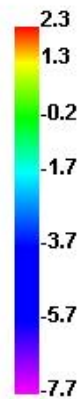
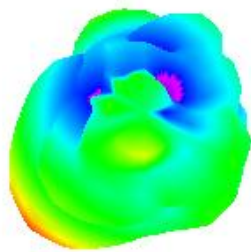


测试数据

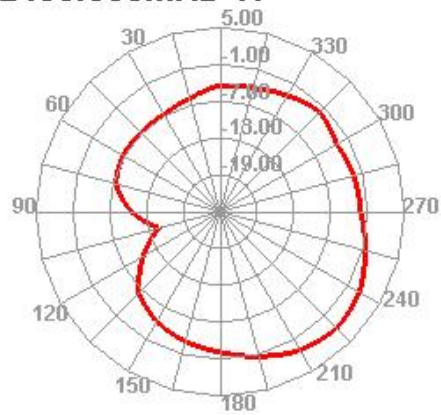
Test Data

Freq (MHz)	Effi (%)	Gain (dBi)
2400	47.96	2.26
2410	38.16	1.15
2420	40.72	1.28
2430	38.74	0.87
2440	47.33	1.9
2450	52.56	2.48
2460	51.15	2.38
2470	53.41	2.64
2480	47.23	1.92
2490	50.27	2.13
2500	49.27	2.13

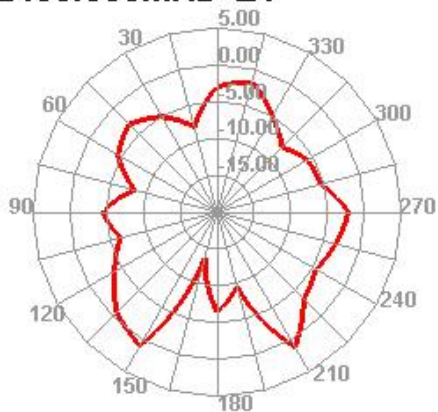
2400.000MHz



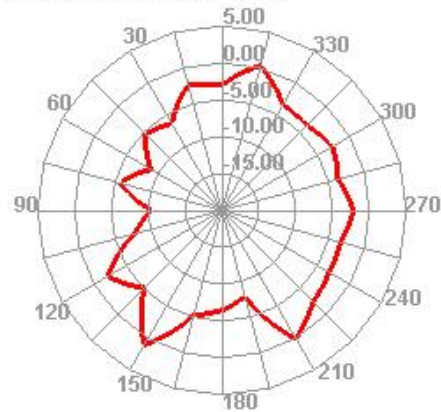
2400.000MHz H



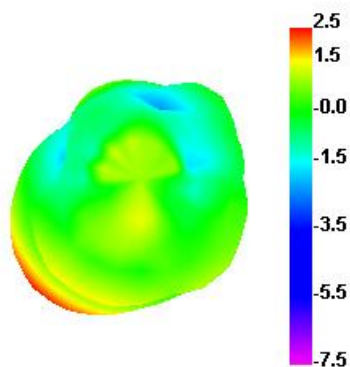
2400.000MHz E1



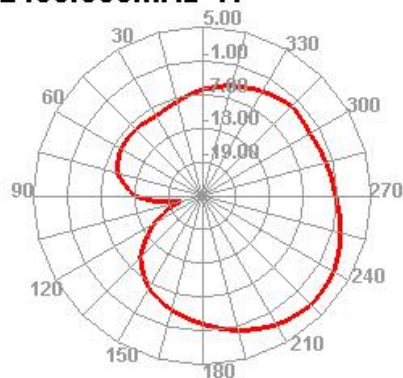
2400.000MHz E2



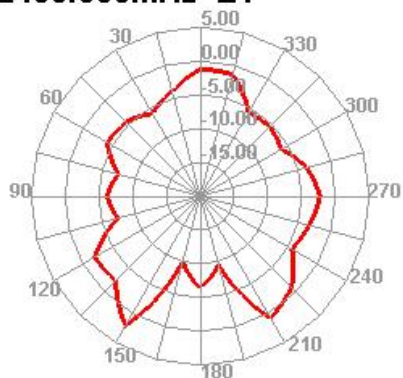
2450.000MHz



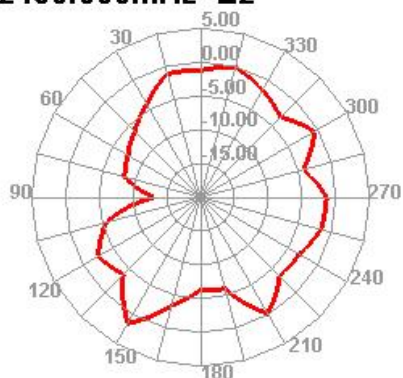
2450.000MHz H



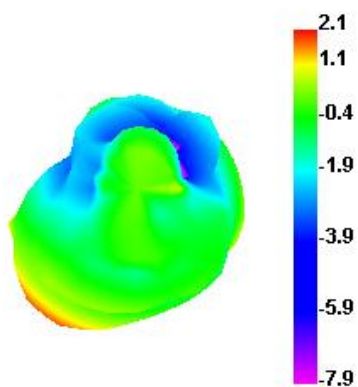
2450.000MHz E1



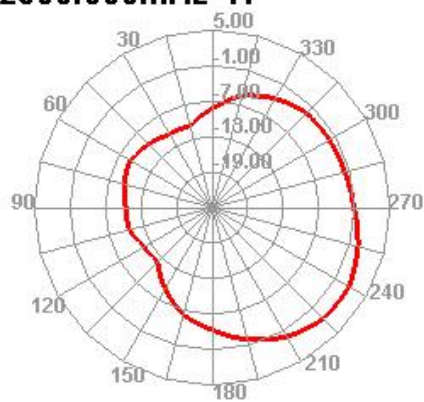
2450.000MHz E2



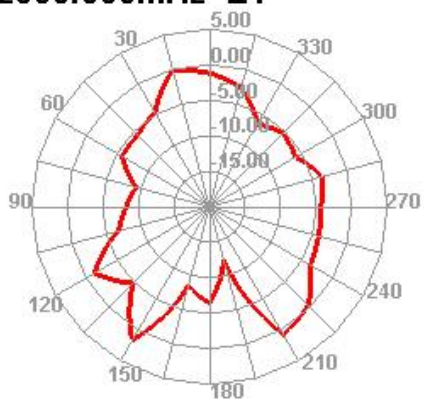
2500.000MHz



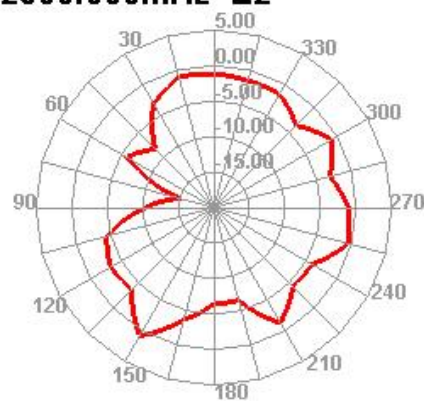
2500.000MHz H



2500.000MHz E1

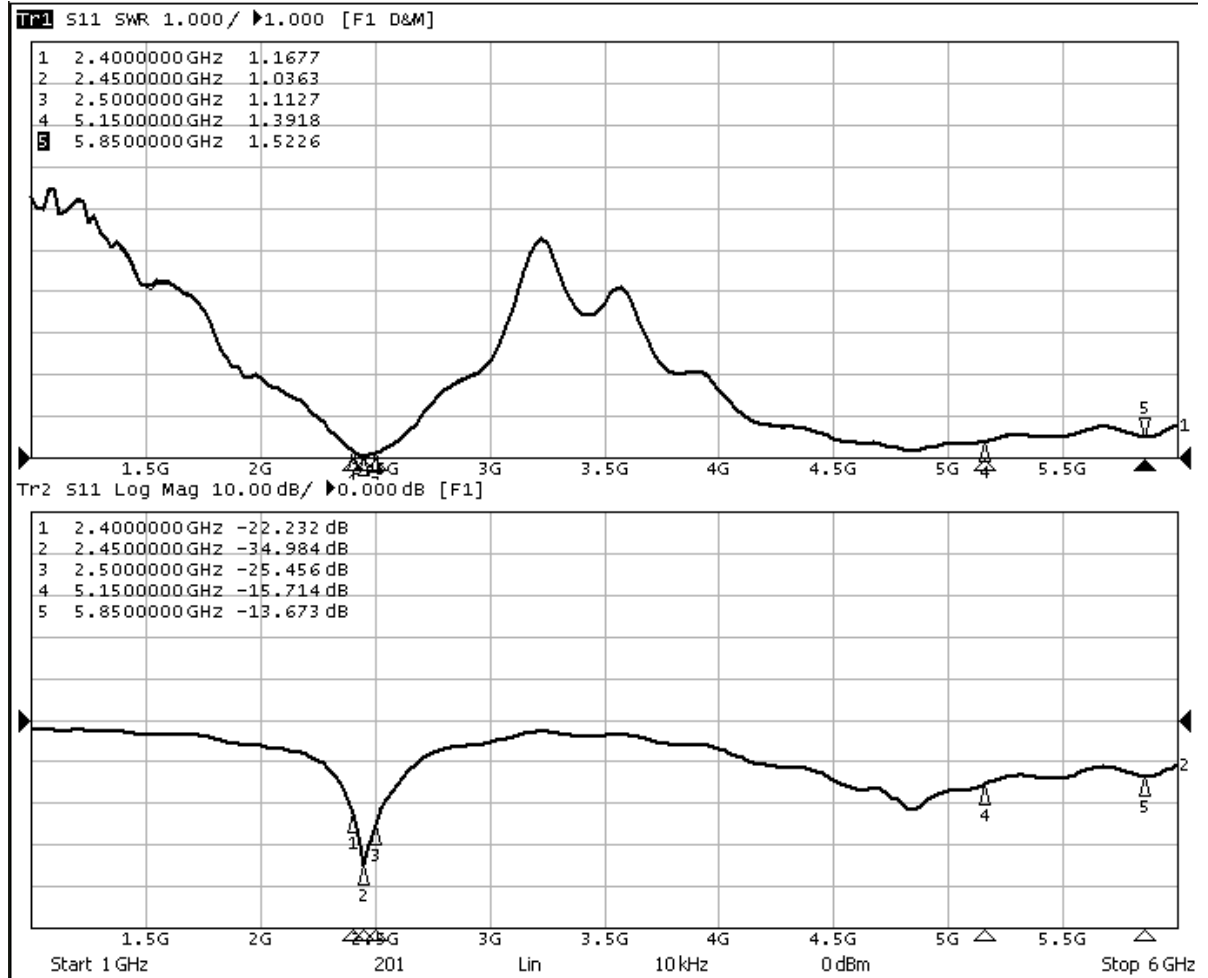


2500.000MHz E2



无源驻波

Test Data



天线安装位置

Antenna assembly position

