

深圳旭航通讯科技有限公司

Shenzhen Xuhang Communication

规格承认书

客户 CUSTOMER	锐图
客户料号 CUSTOMER NO.	
供方品名 PART NAME	蓝牙 BT 天线
规格名称 SUPPLIER NO.	

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:July 2,2025

DIRECTORY

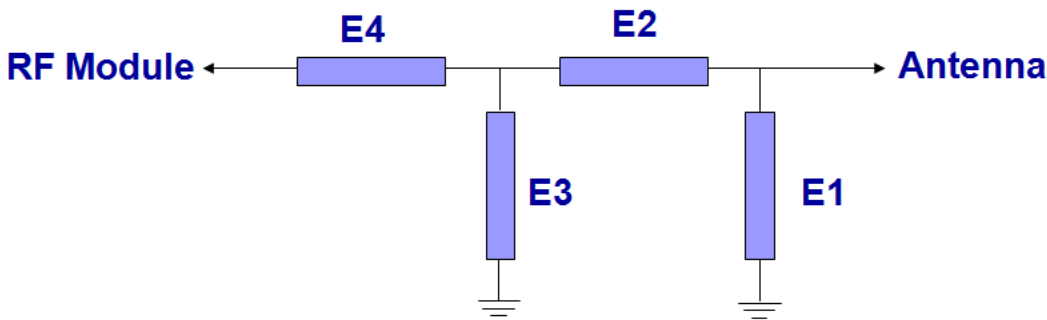
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电性测试报告
TEST REPORTS

频率 Frequency	BT(2400MHz~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:1.85dBi
极化方式 Polarization	Linear,Vertical
功率 Admitted Power	1W
连接器 Connector	
Physical Properties	
天线材质 Antenna Material	
线材类型 Cable Type	
工作温度 Operating Temp.	-10-+60℃
存储温度 Storage Temp.	-10-+70℃
线材颜色 Cable Color	

匹配电路

Matching Circuits



匹配电路

The original matching circuit has not been modified

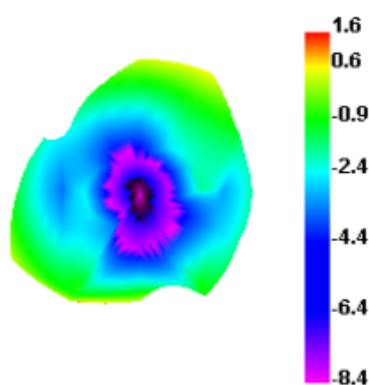
DRAWING

无源测试数据

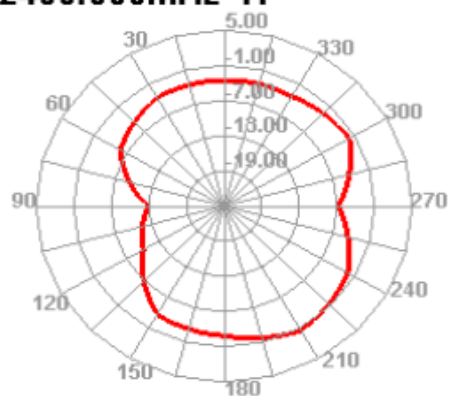
Freq (MHz)	Effi (%)	Gain (dBi)
2400	49.34	1.56
2410	47.05	1.65
2420	44.15	1.85
2430	38.52	1.45
2440	36.68	1.11
2450	35.45	0.41
2460	38.11	0.37
2470	44.39	1.02
2480	44.73	1.02
2490	46.2	1.83
2500	35.02	1.63

3D 方向图

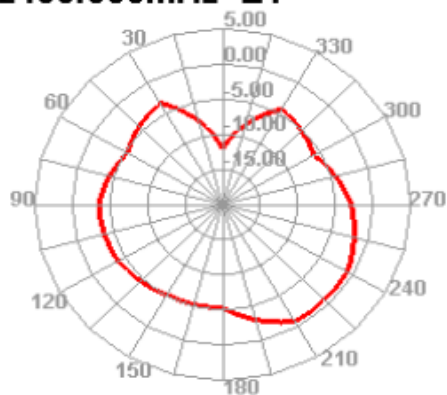
2400.000MHz



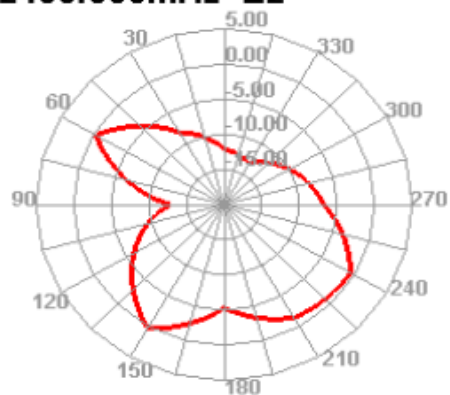
2400.000MHz H



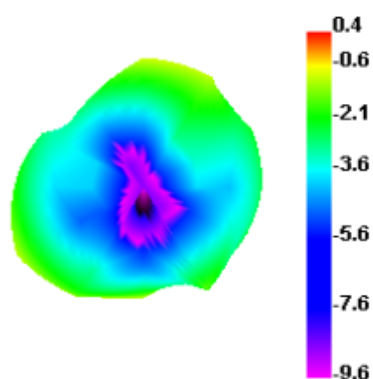
2400.000MHz E1



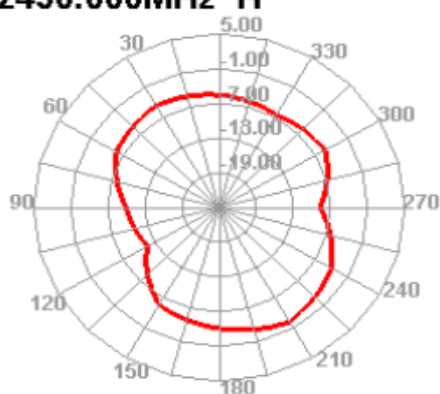
2400.000MHz E2



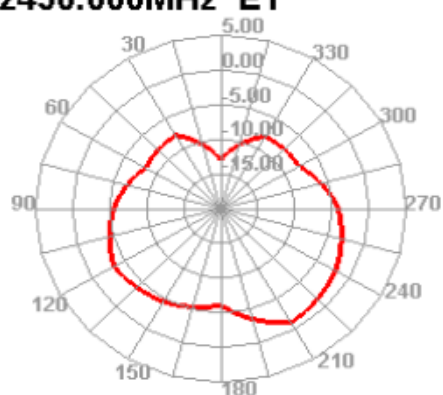
2450.000MHz



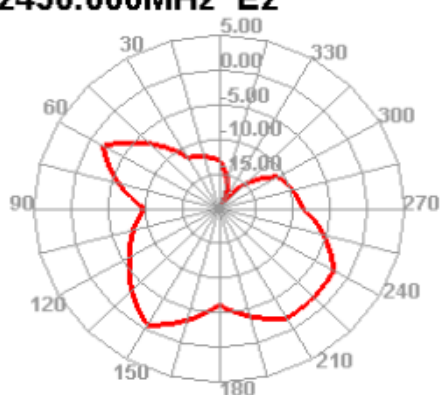
2450.000MHz H



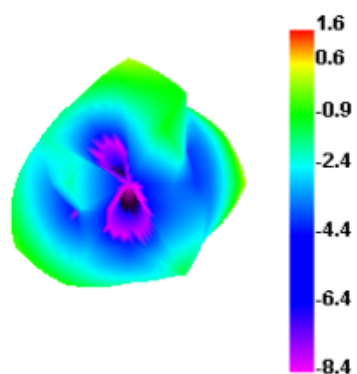
2450.000MHz E1



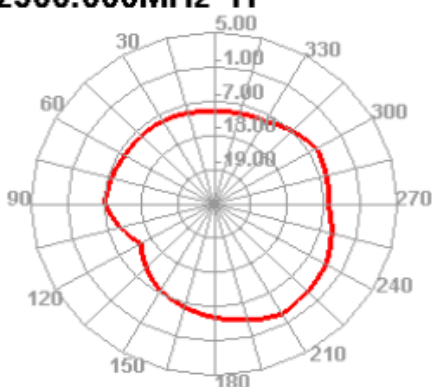
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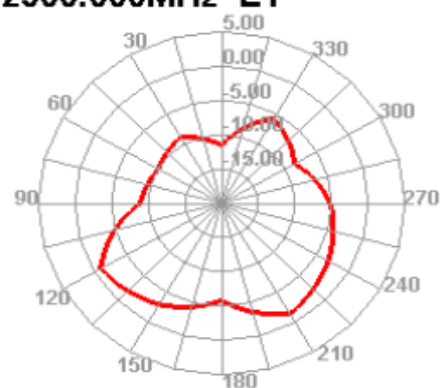
2500.000MHz



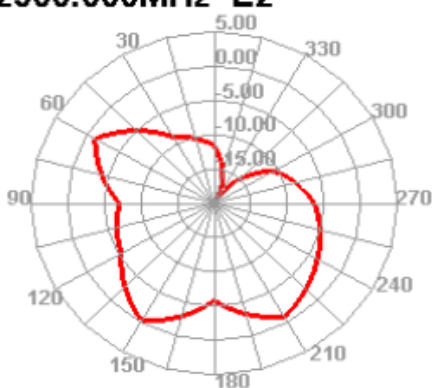
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



天线安装位置

Antenna assembly position

