

深圳旭航通讯科技有限公司

Shenzhen Xuhang Communication

规格承认书

客户 CUSTOMER	GuangXi BeiLiu JinBao Electronic Co., Ltd.
客户料号 CUSTOMER NO.	901BT
供方品名 PART NAME	BT Antenna
规格名称 SUPPLIER NO.	

制造商名 Name of Manufacturer	RuiTu Technology Co.,Ltd
地址 Address	Room A811, Yonghuayuan Business Center, No. 6, Baotian 2nd Road, Xixiang Sub-district, Bao 'an District, Shenzhen City

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: October 10, 2025.

DIRECTORY

[illegible]

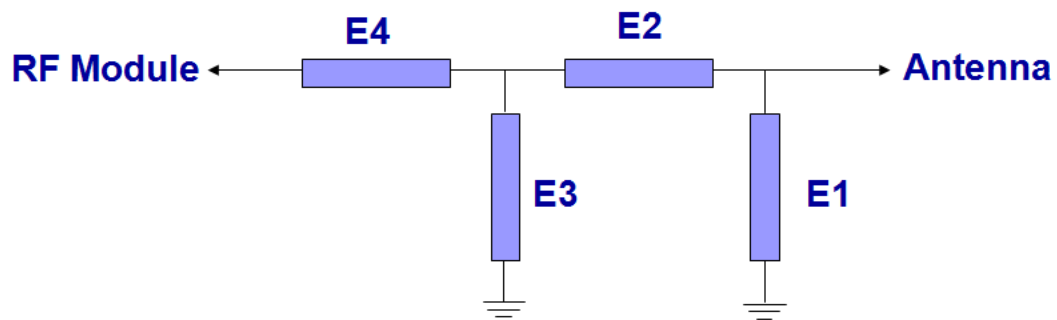
电性测试报告

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

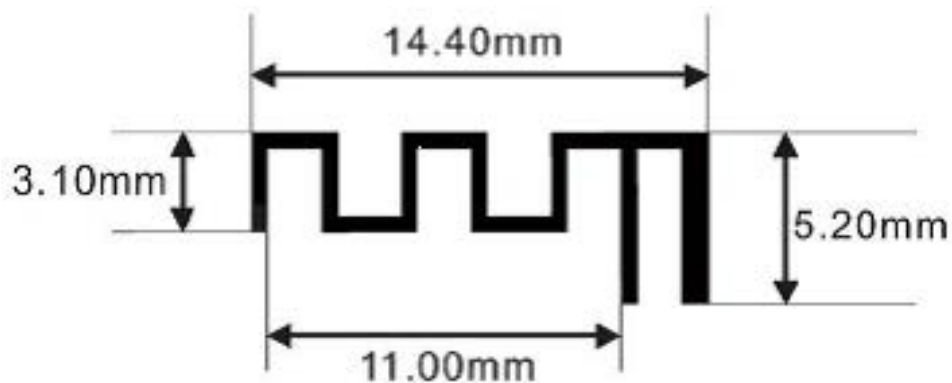


匹配电路

The original matching circuit has not been modified

天线照片及长度 (mm)

Antenna Photo & Length (mm)



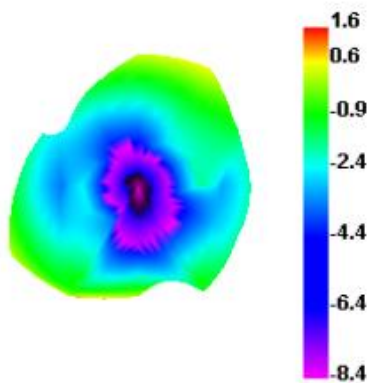
DRAWING

无源测试数据

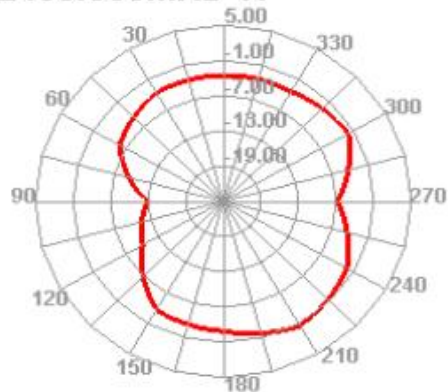
Freq (MHz)	Effi (%)	Gain (dBi)
2400	49.34	1.56
2410	47.05	1.65
2420	44.15	1.85
2430	38.52	1.45
2440	36.68	1.11
2450	35.45	0.41
2460	38.11	0.37
2470	44.39	1.02
2480	44.73	1.02
2490	46.2	1.83
2500	35.02	1.63

3D 方向图

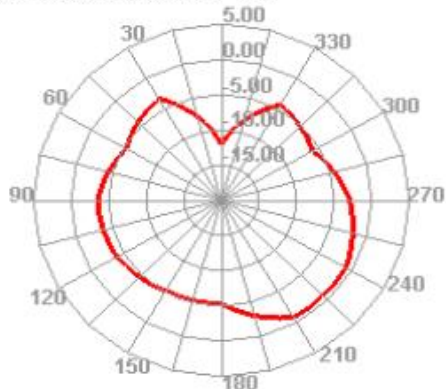
2400.000MHz



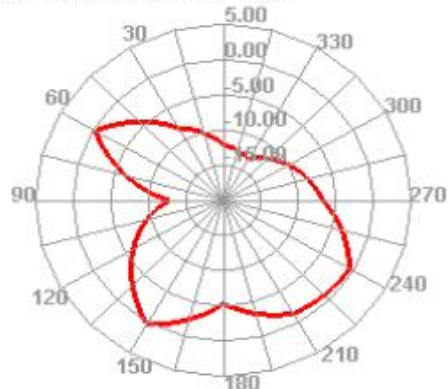
2400.000MHz H



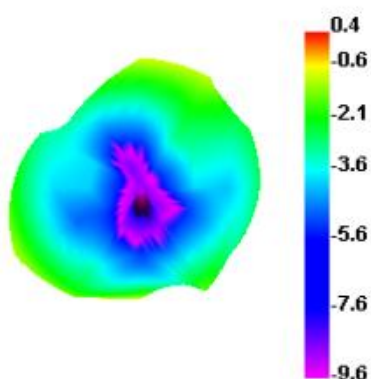
2400.000MHz E1



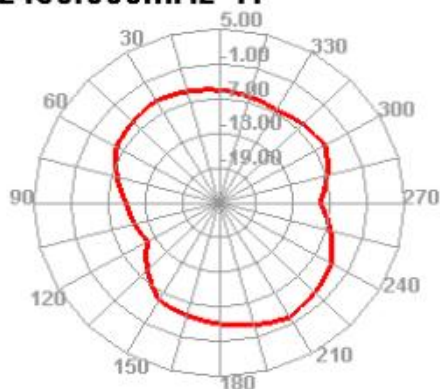
2400.000MHz E2



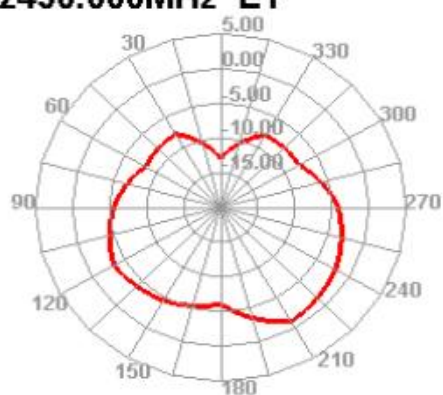
2450.000MHz



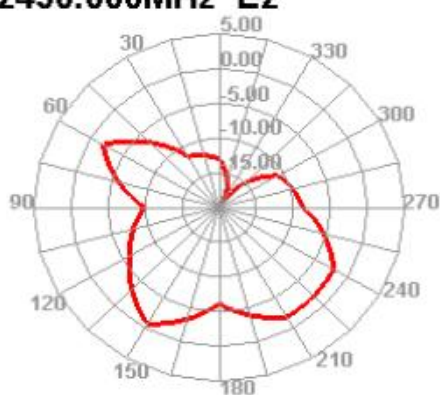
2450.000MHz H



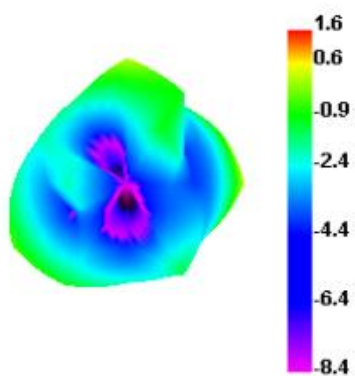
2450.000MHz E1



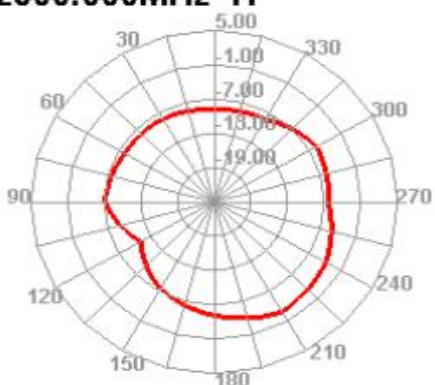
2450.000MHz E2



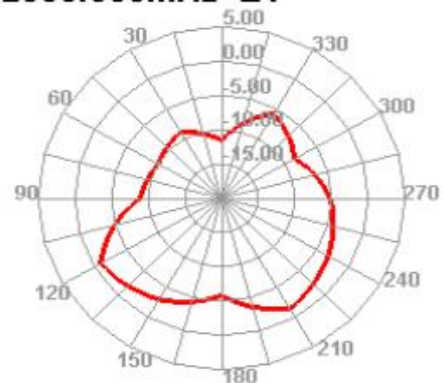
2500.000MHz



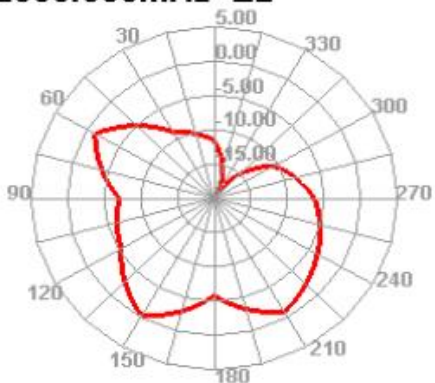
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



天线安装位置

Antenna assembly position

