

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	松灵机器人（深圳）有限公司
客户料号 CUSTOMER NO.	
供方品名 PART NAME	915 天线
规格名称 SUPPLIER NO.	XH220148-915

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: Nov 11, 2023

DIRECTORY

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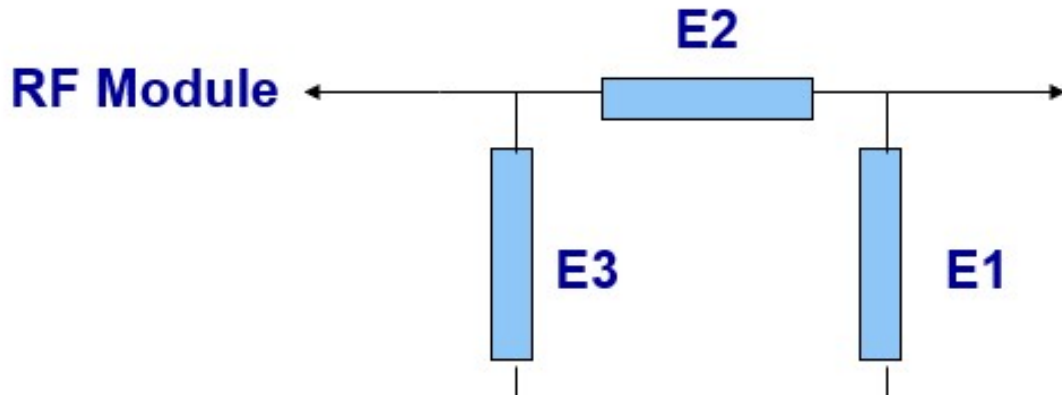
电性测试报告

TEST REPORTS

频率 Frequency	902~928MHz
阻抗 Impedance	50 Ohm Nominal
驻波比 V.S.W.R	<2.0
回波损耗 Return Loss	-9dB Max
辐射 Radiation	Omni-directional
增益 Gain(Peak)	3.26dBi
极化方式 Polarization	Linear
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°C
存储温度 Storage Temp.	-10-+70°C
线材颜色 Cable Color	/

匹配电路

Matching Circuits



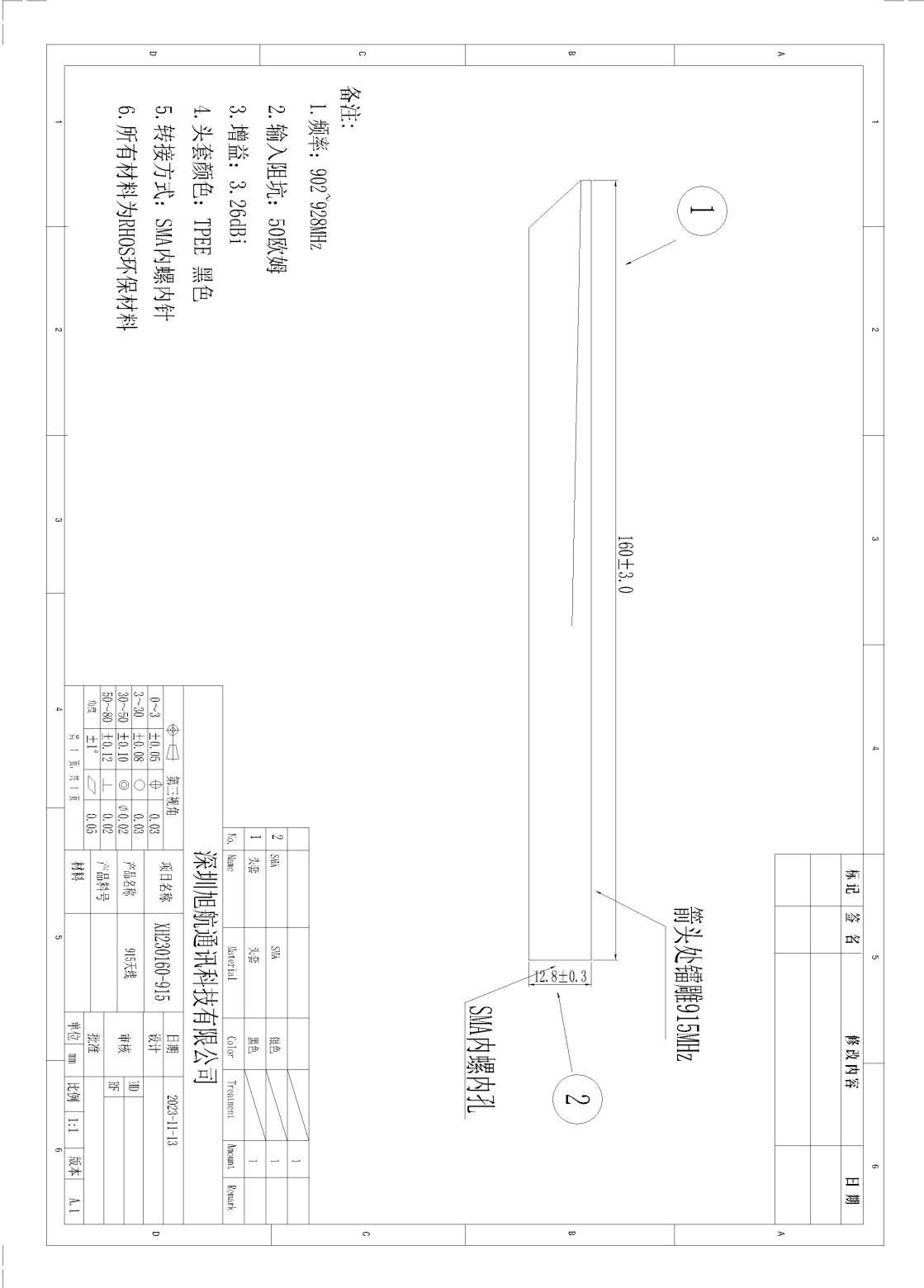
匹配电路

Element	Value	Vender
E1(0402)	NC	
E2(0402)	10PF	
E3(0402)	0.3PF	

原匹配电路无修改

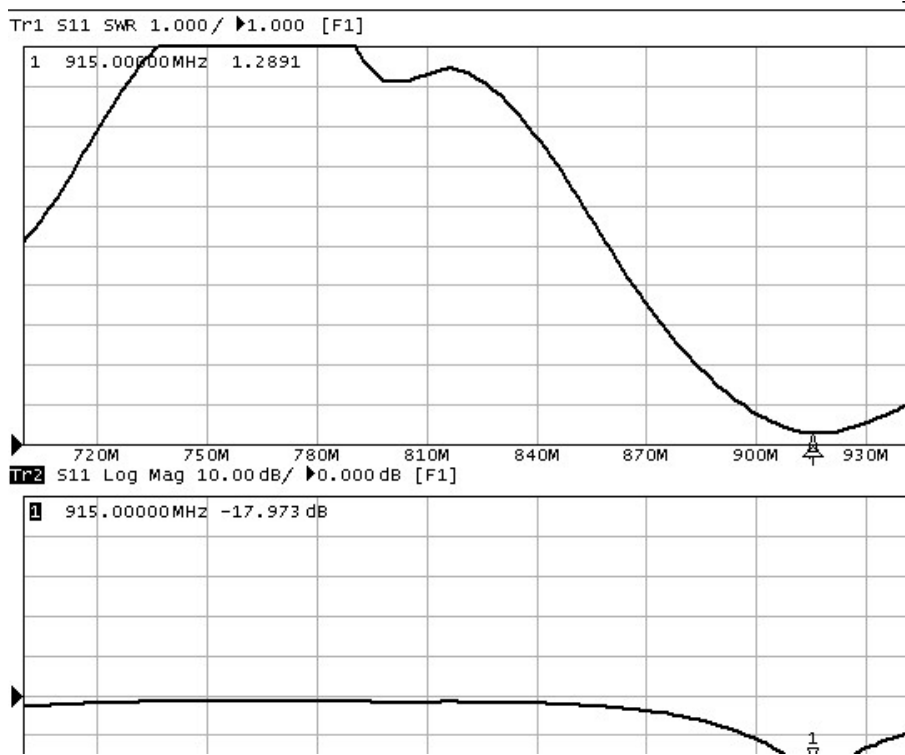
The original matching circuit has not been modified

工程图 DRAWING



测试数据

Test Data

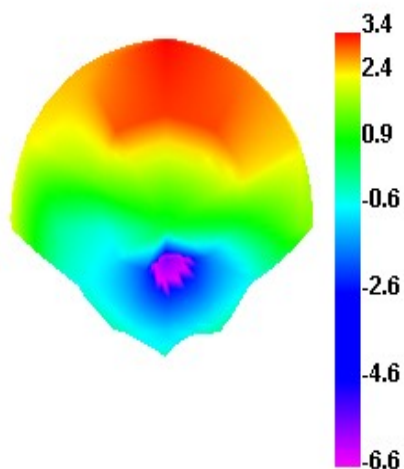


无源效率:

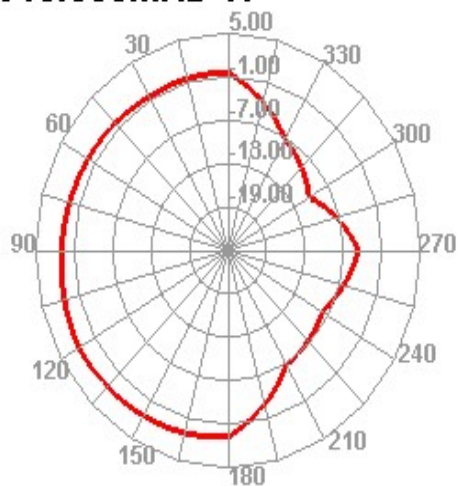
Freq (MHz)	Effi (%)	Ga (dB)
902	63.91	
905	64.54	
908	65.45	
912	69.53	
910	67.09	
913	69.88	
915	69.62	
918	66.86	
920	66.56	
922	65.51	

3D 方向图 910MHz

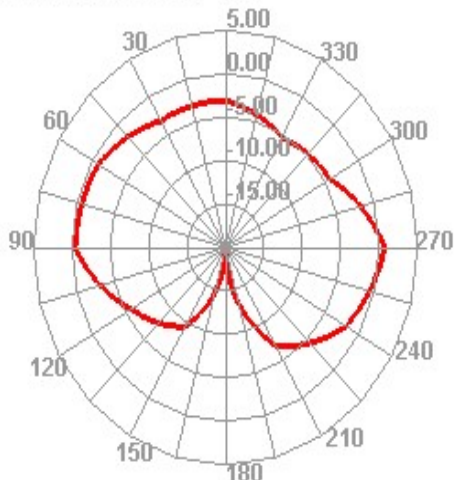
910.000MHz



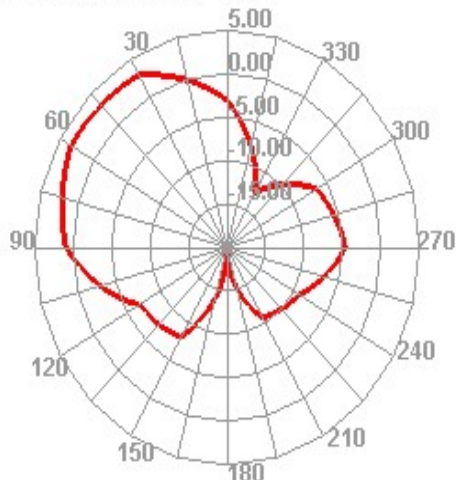
910.000MHz H



910.000MHz E1

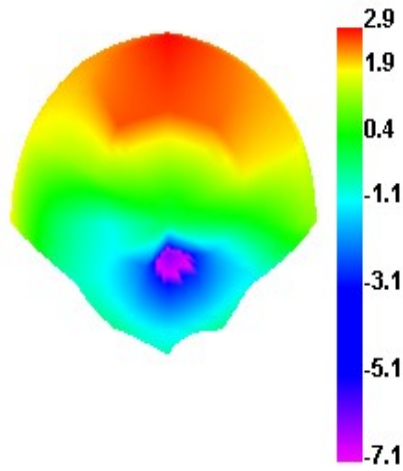


910.000MHz E2

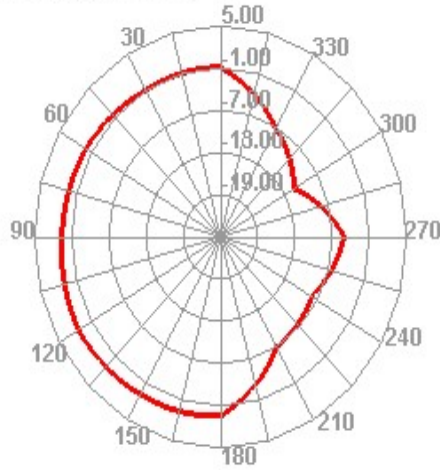


3D 方向图 915MHz

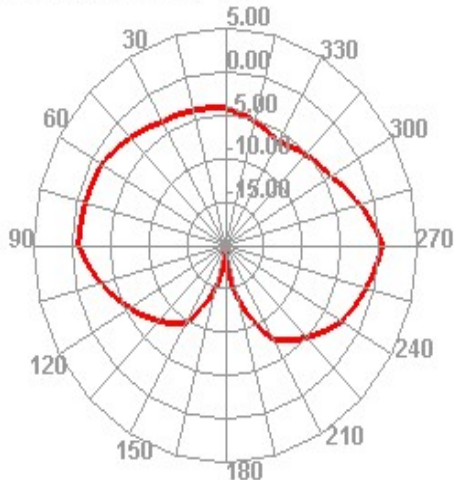
915.000MHz



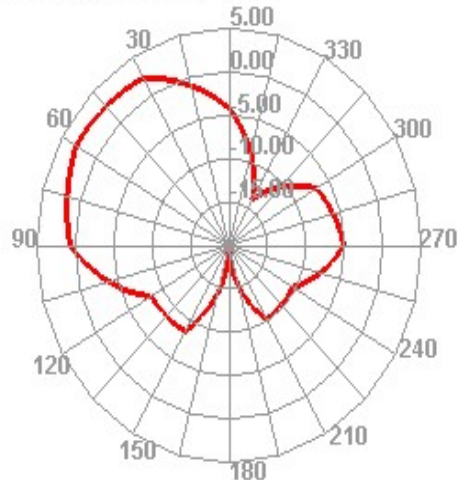
915.000MHz H



915.000MHz E1

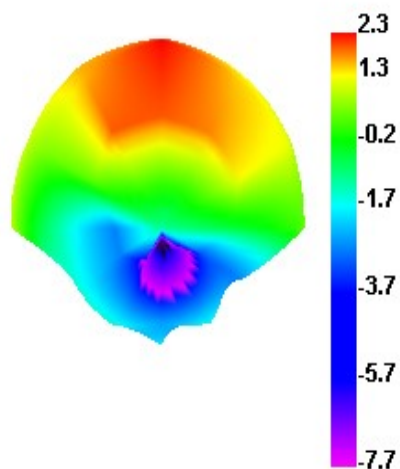


915.000MHz E2

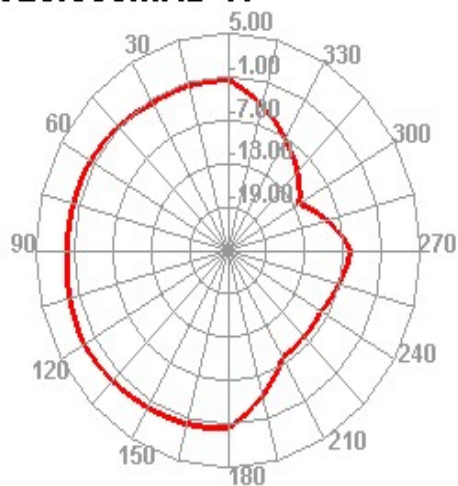


3D 方向图 920MHz

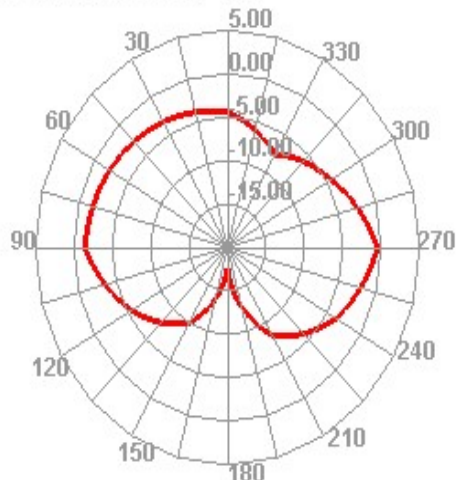
920.000MHz



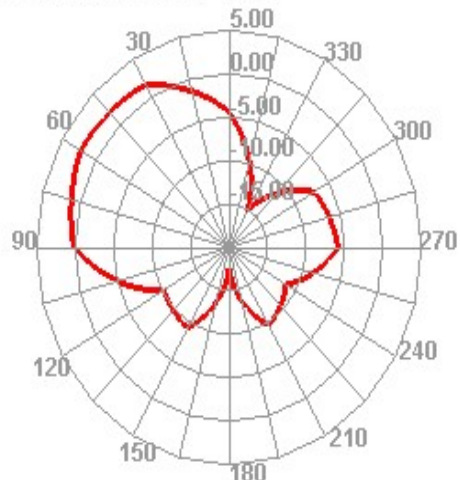
920.000MHz H



920.000MHz E1



920.000MHz E2



天线

Antenna

