

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	深圳库玛科技有限公司
客户料号 CUSTOMER NO.	W.Z.RF.000027000
供方品名 PART NAME	915 天线
规格名称 SUPPLIER NO.	XH230160-915

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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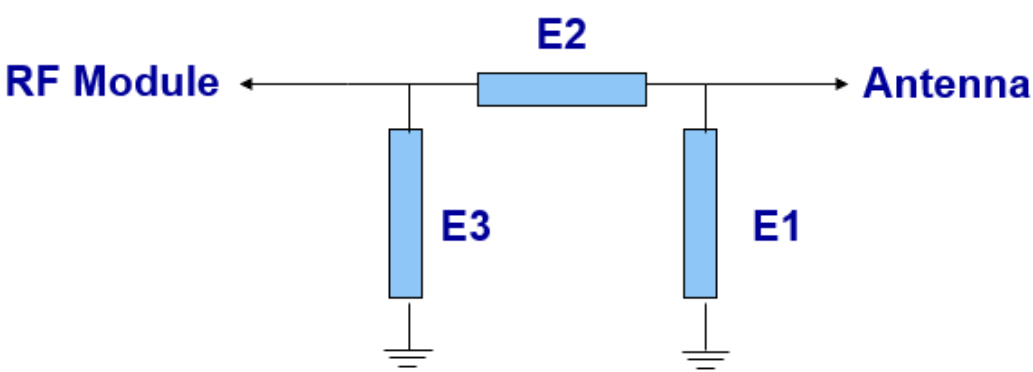
电性测试报告

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℃
存储温度 Storage Temp.	-10-+70℃
线材颜色 Cable Color	/

匹配电路

Matching Circuits



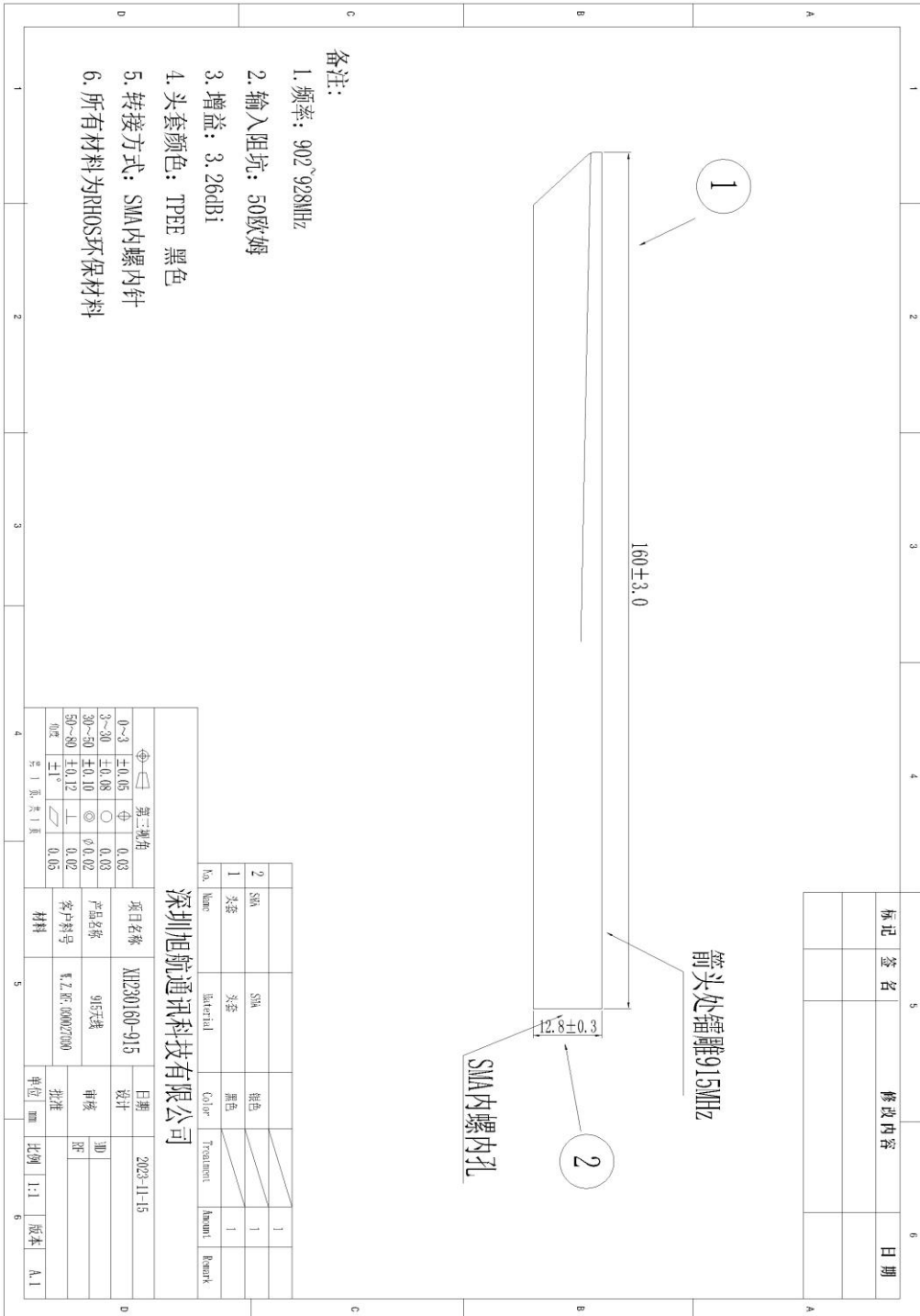
匹配电路

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

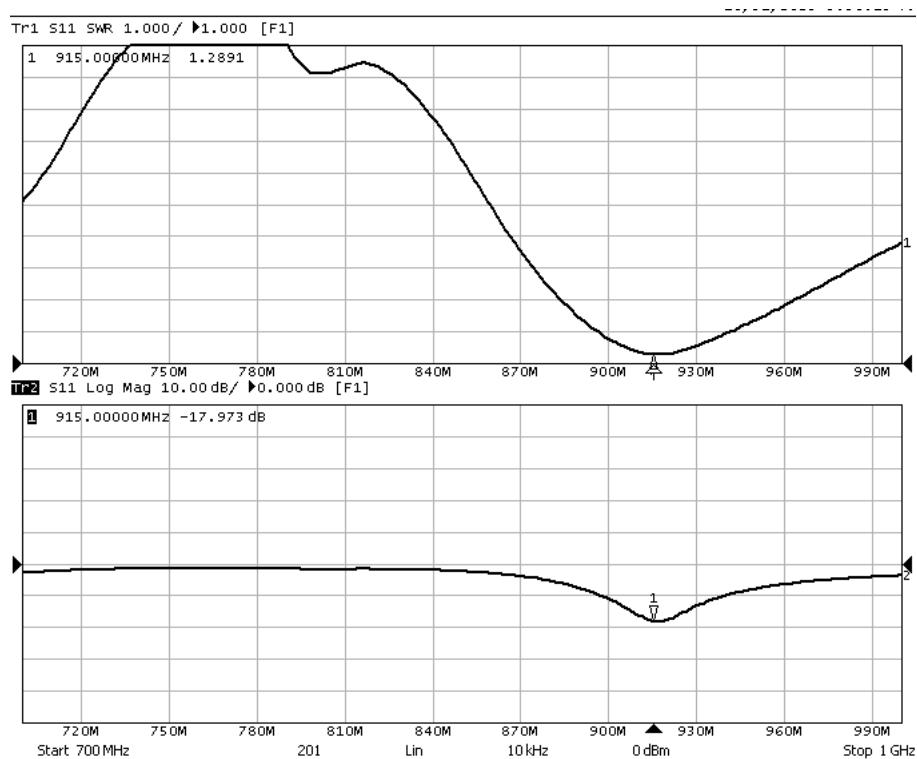
DRAWING



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测试数据

Test Data



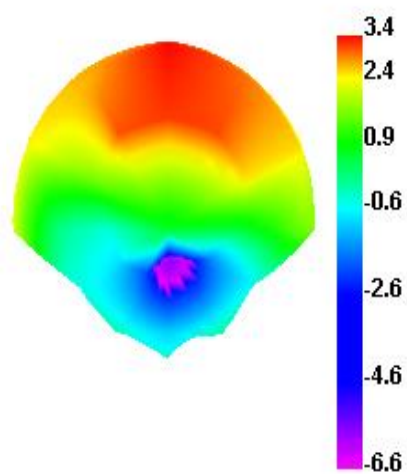
无源效率:

Freq (MHz)	Effi (%)	Gain (dBi)
902	63.91	2.77
905	64.54	2.84
908	65.45	2.96
912	69.53	3.26
910	67.09	3.09
913	69.88	3.17
915	69.62	2.93
918	66.86	2.92
920	66.56	2.89
923	65.51	2.79
925	65.47	2.77
928	64.12	2.57

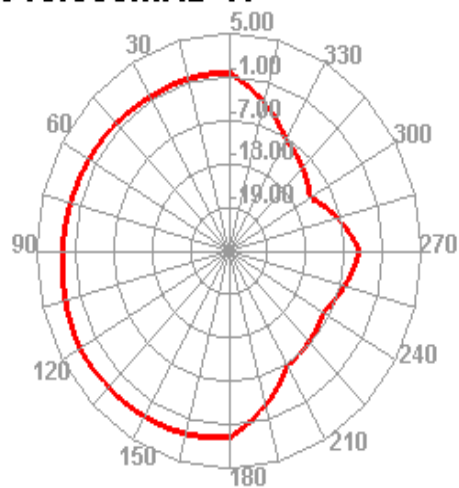
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3D 方向图 910MHz

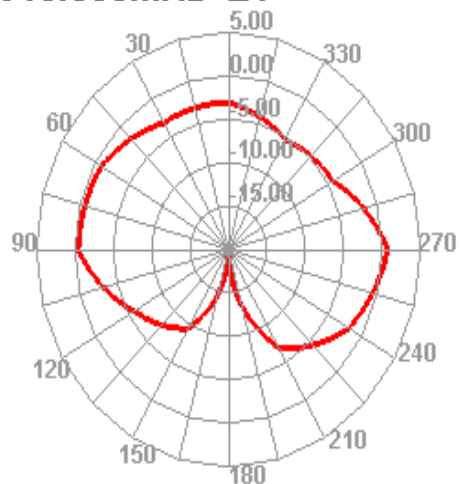
910.000MHz



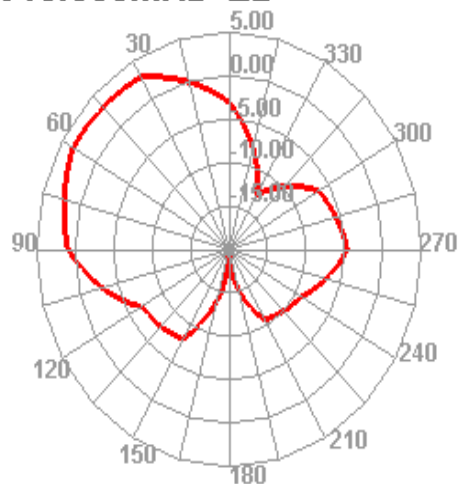
910.000MHz H



910.000MHz E1



910.000MHz E2

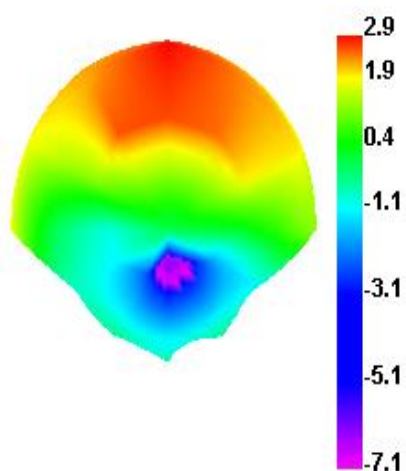


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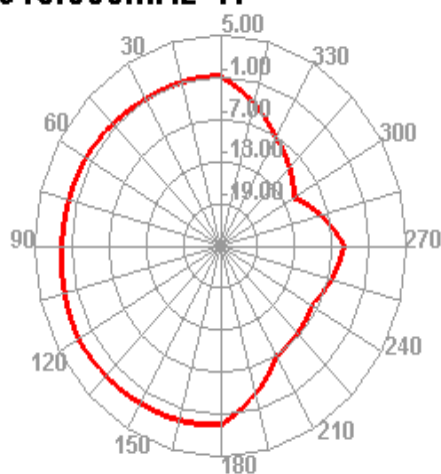
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3D 方向图 915MHz

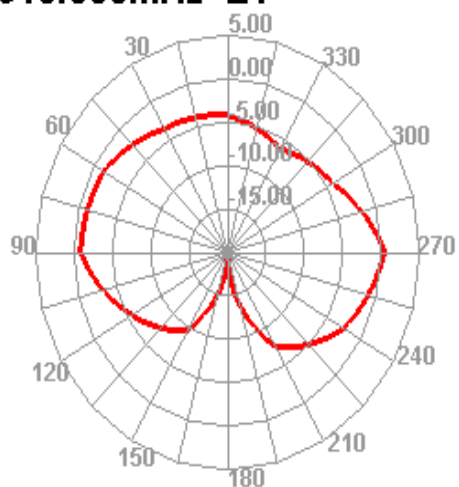
915.000MHz



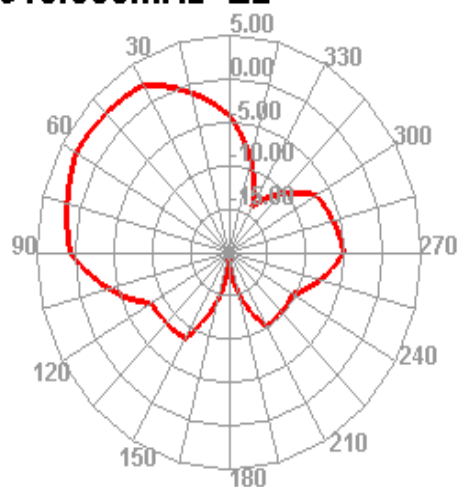
915.000MHz H



915.000MHz E1



915.000MHz E2

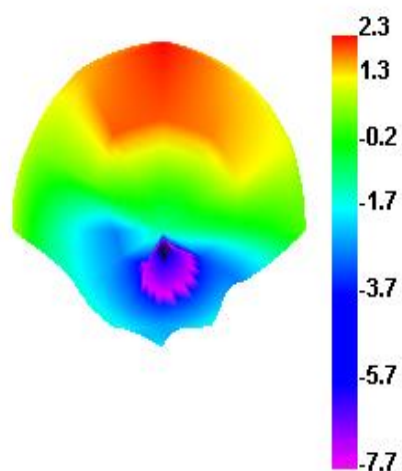


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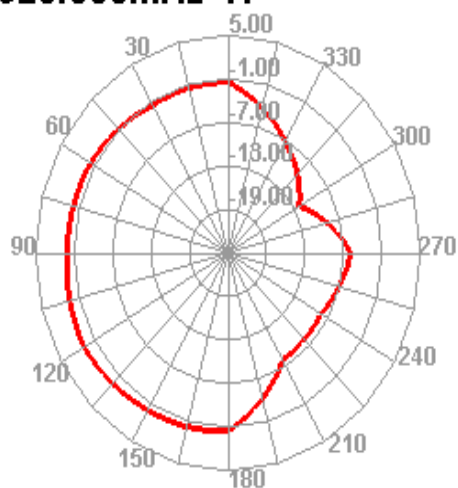
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3D 方向图 920MHz

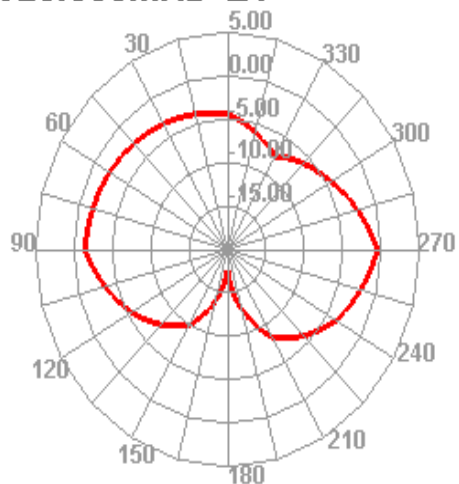
920.000MHz



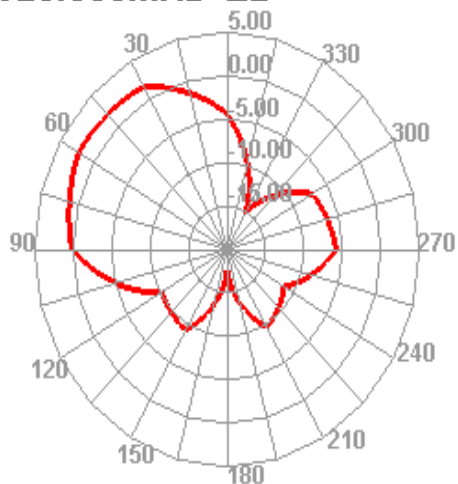
920.000MHz H



920.000MHz E1



920.000MHz E2



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天线 Antenna



包装方式 Packing

如下图所示：

This is shown in the figure below



每条天线单独装 1 个 PE 袋;;50pcs/包。

Each antenna is packed with 1 PE bag separately; 50pcs/bag.

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