承　认　书

客户名称：微　网

产品名称：白色外置天线

规格型号：2.4GHz 天线 RF1.13 灰色线 L=75mm 带 IPEX

客户料号：51010149

本司料号：VW01-W020065

本司地址：东莞市松山湖园区科技二路 8 号一栋 2 单元 303 室　（中科创新广场 E 座）

送样日期：2022 年 11 月 16 日

本司确认：

检查	审核	批准
吴娟	徐志强	万以竞

客户确认：

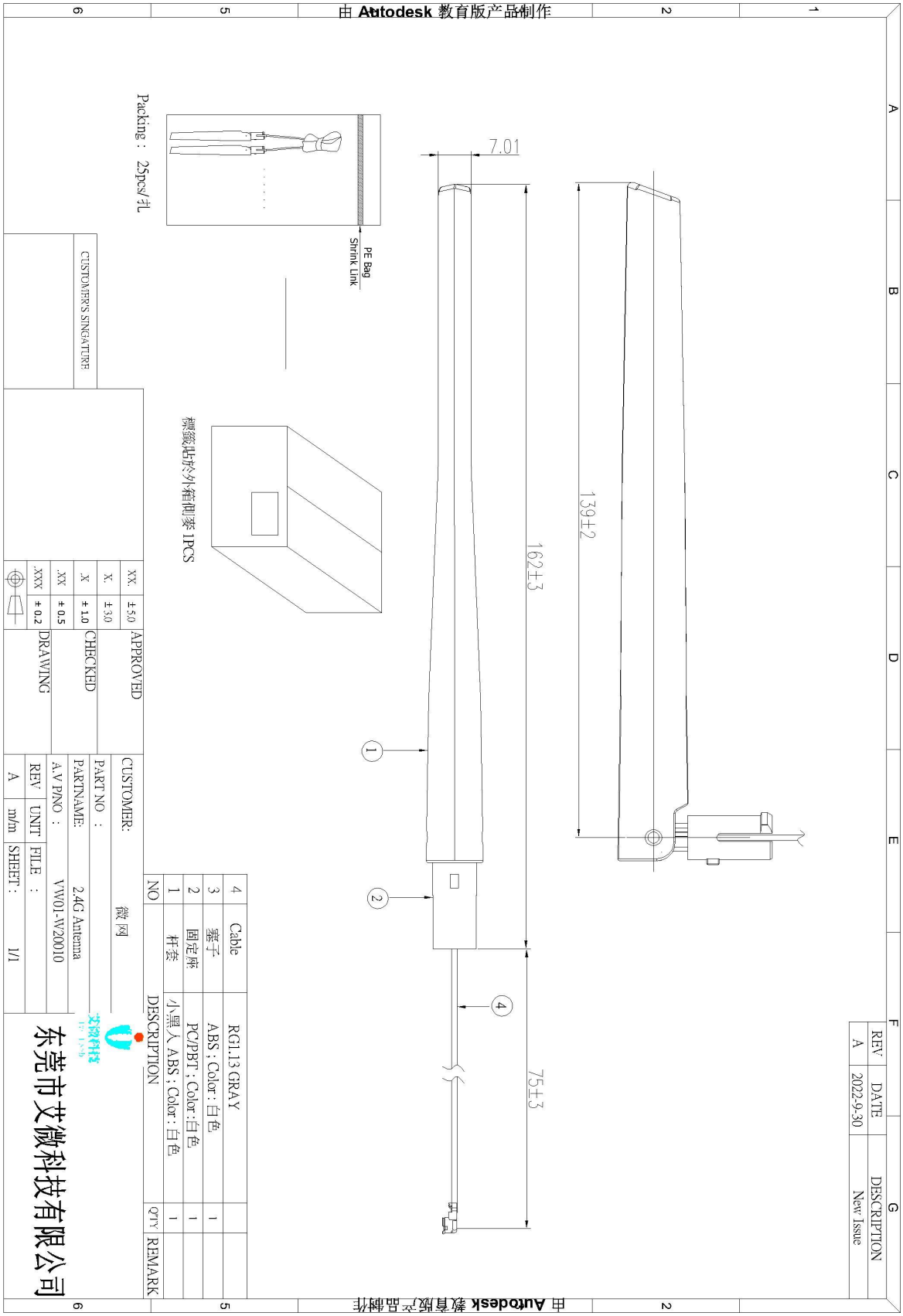
检查	审核	批准

1、规格表：

主要技术指标		Main technical specifications	
频率范围 (MHz)	2400~2483.5	Frequency Range (MHz)	2400~2483.5
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	3±0.5	Peak Gain(dBi)	3±0.5
输出电压驻波比	Max 2.0	VSWR	Max 2.0
最大功率	2W	Admitted Power	2W
极化方式	线性极化	Polarization	Linear Vertical
方向性	水平全向	Radiation	Omni-directional
连接方式	端子	Connector Type	IPEX
物理性能		Physical Properties	
天线線材	1.13 灰色	Antenna cable	1.13 灰色 Cable
工作温度	-40℃~+60℃	Operating Temp	-40℃~+60℃
保存温度	-40℃~+60℃	Storage Temp	-40℃~+60℃

制造商：东莞市艾微科技有限公司
Manufacturer：Dongguan ivy technology co.,LTD.
地址：东莞市松山湖园区科技二路8号一栋2单元303室
Address：Room 303, Unit 2, Building 1, No. 8, Keji 2nd Road, Songshan Lake Industrial Park, Dongguan City

产品图

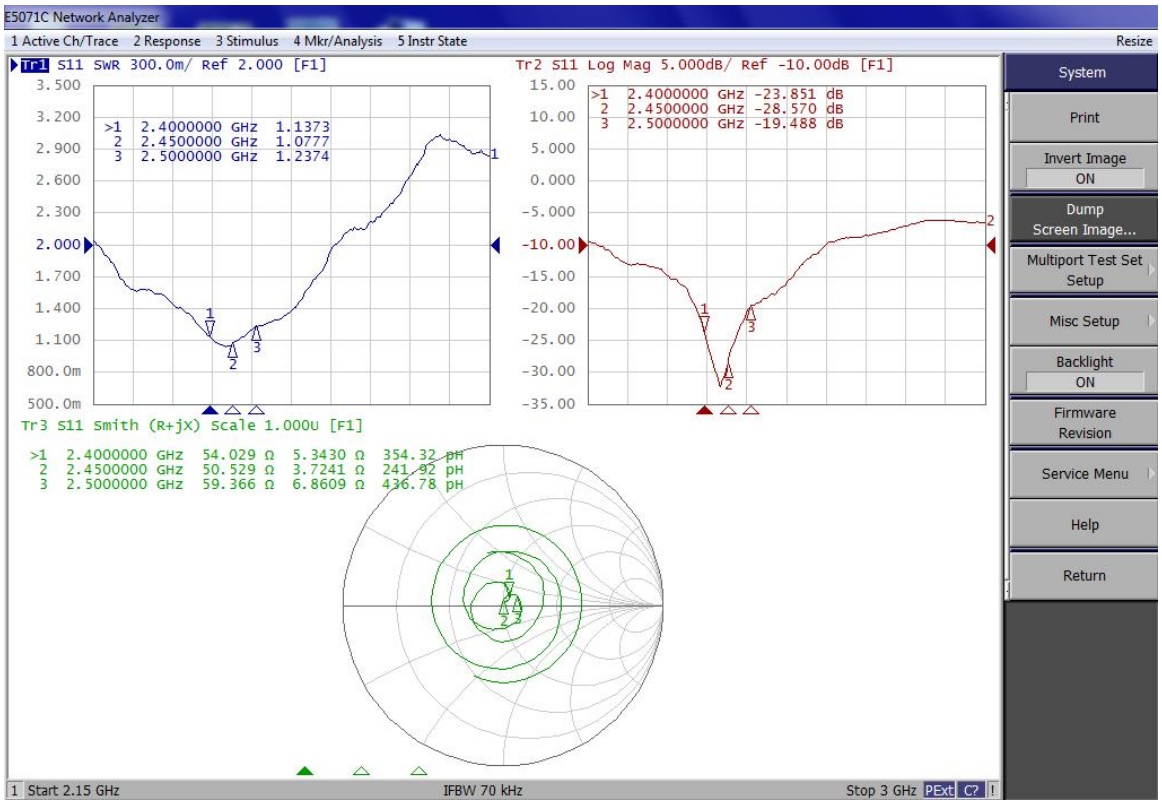


由 Autodesk 教育版产品制作

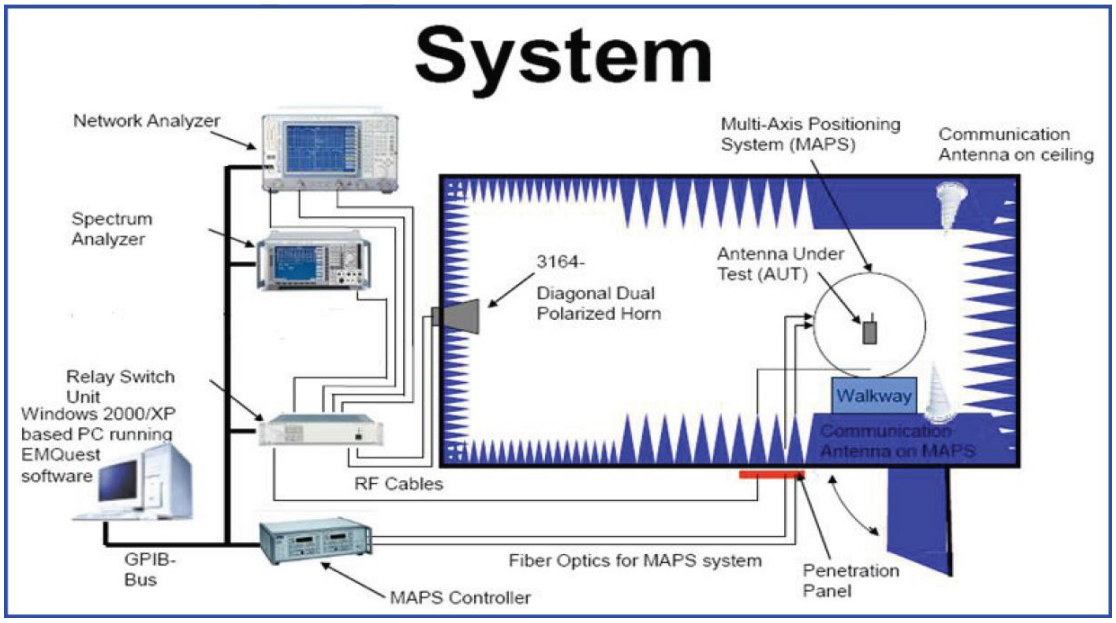
三、电测报告 Product Characteristics

Agilent E5071C Network Analyzer	

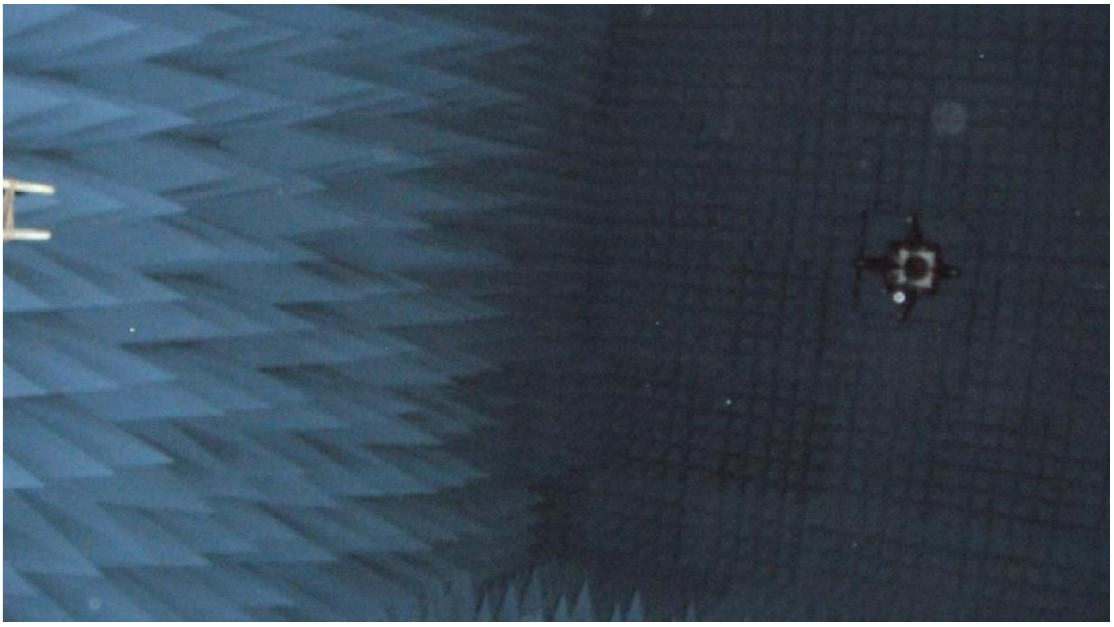
2400-2500MHz



测试原理框图：

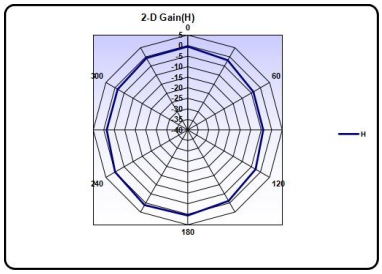


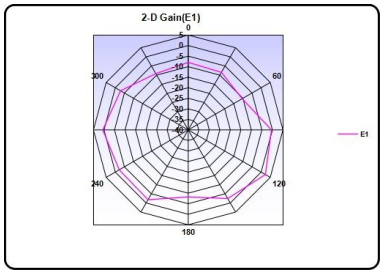
暗室内部图片：

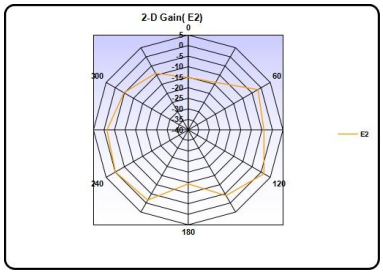


2.4~2.5GHz Radiation Pattern

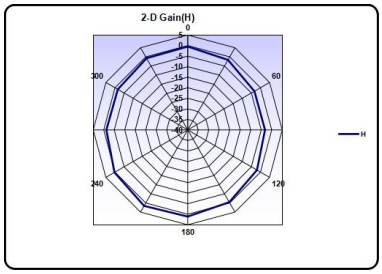
2.4GHz

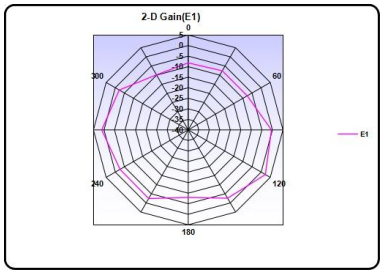


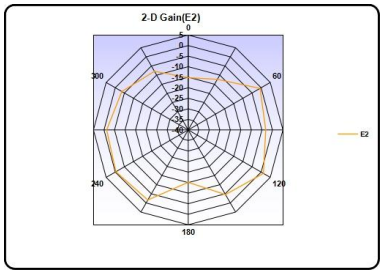




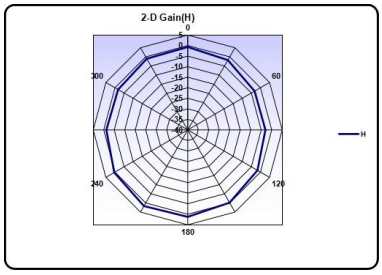
2.45GHz

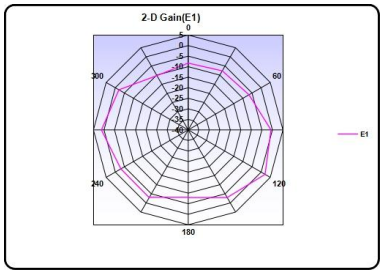


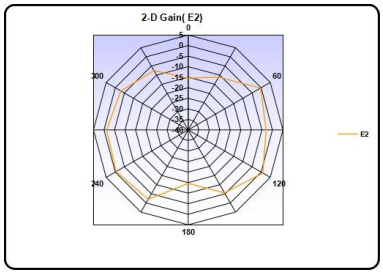




2.5GHz







1. Gain & Patterns test results

2D patterns

Summary

VSWR

	2400MHz	2450MHz	2500MHz
VSWR	1.13	1.07	1.23

3D Peak Gain & Efficiency

Frequency	Antenna	
	Peak Gain (dBi)	Efficiency (%)
2400MHz	3.31	73.7
2450MHz	3.52	75.8
2500MHz	3.25	74.2