



承 认 书

客 户 名 称: 微 网

客 户 项 目 名 称:

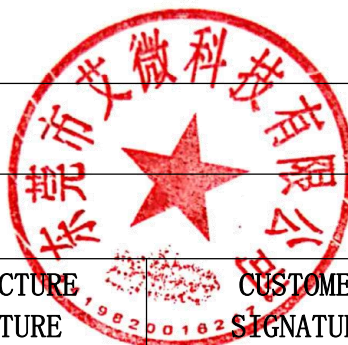
客 户 料 号: 51010347

物 料 名 称: 2.4G 5dBi 白色天线, 灰色 1.37mm 馈线 L=190mm +IPEX
2.4G 5dBi white antenna, gray 1.37mm feeder cable L=190mm +IPEX

艾 微 料 号: VW01-W020044-DS

日 期: 2024-8-14

版 别: X1



	MANUFACTURE SIGNATURE	CUSTOMER SIGNATURE
CHECKED BAY:	敬邦敏	
AUDITOR BAY:		
APPROVED BAY	吴娟	
DATE:	2024-8-14	



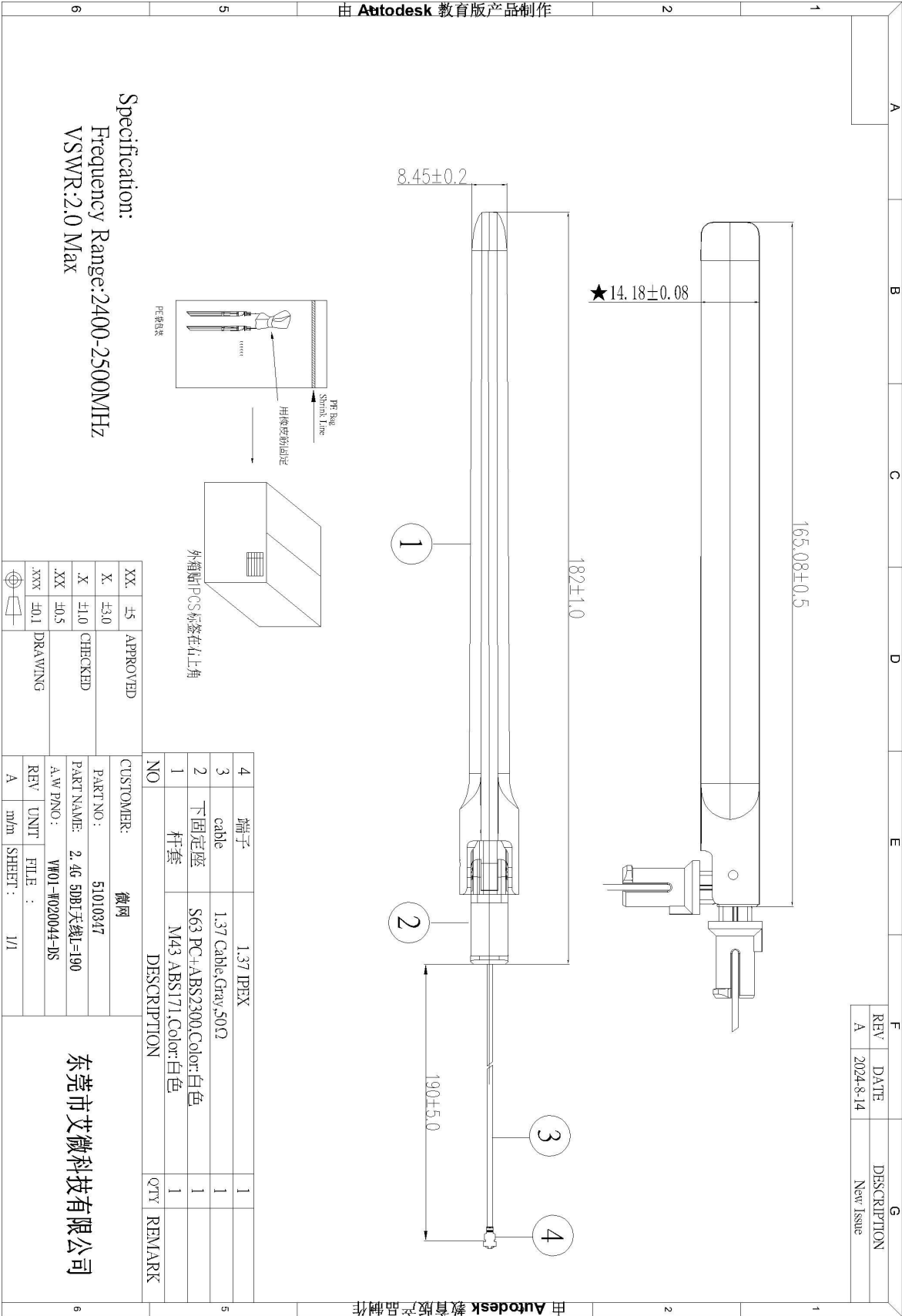
东莞市艾微科技有限公司

Dongguan ivy technology co., LTD.

1、规格表:

主要技术指标		Main technical specifications	
频率范围 (MHz)	2400~2500	Frequency Range (MHz)	2400~2500
特性阻抗(Ω)	50 $\pm$ 5	Impedance(Ω)	50 $\pm$ 5
增益(dBi)	5 $\pm$ 0.5	Peak Gain(dBi)	5 $\pm$ 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	垂直极化	Polarization	Linear Vertical
方向性	全向	Radiation	Omni-directional
连接方式	端子	Connector Type	IPEX
物理性能		Physical Properties	
天线線材	1.37 灰色	Antenna cable	1.37 Gray Cable
工作温度	-40 $^{\circ}$ C~+60 $^{\circ}$ C	Operating Temp	-40 $^{\circ}$ C~+60 $^{\circ}$ C
保存温度	-40 $^{\circ}$ C~+60 $^{\circ}$ C	Storage Temp	-40 $^{\circ}$ C~+60 $^{\circ}$ C

2.4G 产品图

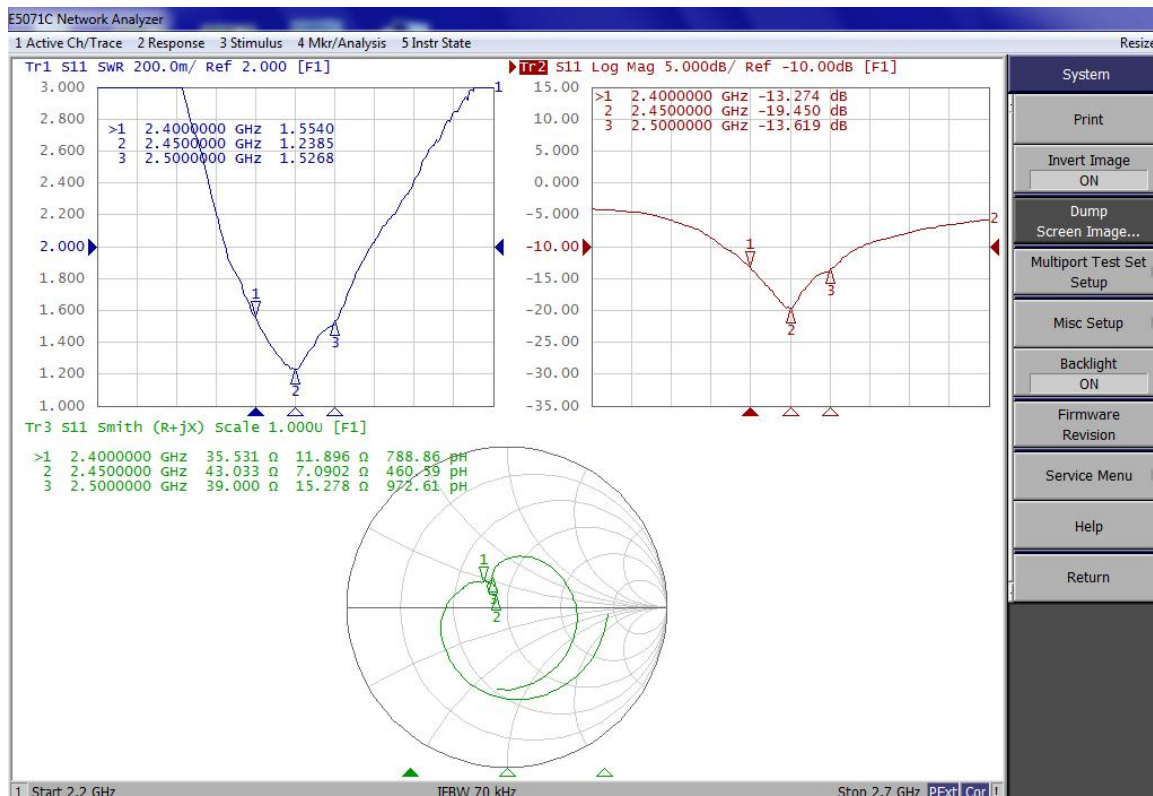


三、电测报告 Product Characteristics

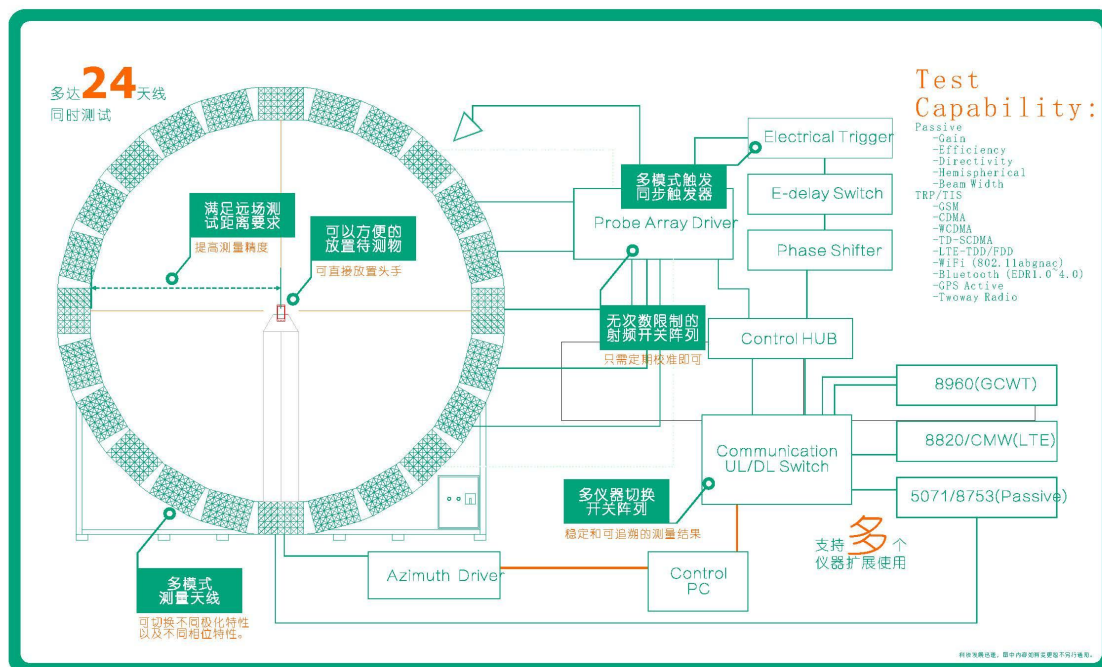
Agilent E5071C Network Analyzer



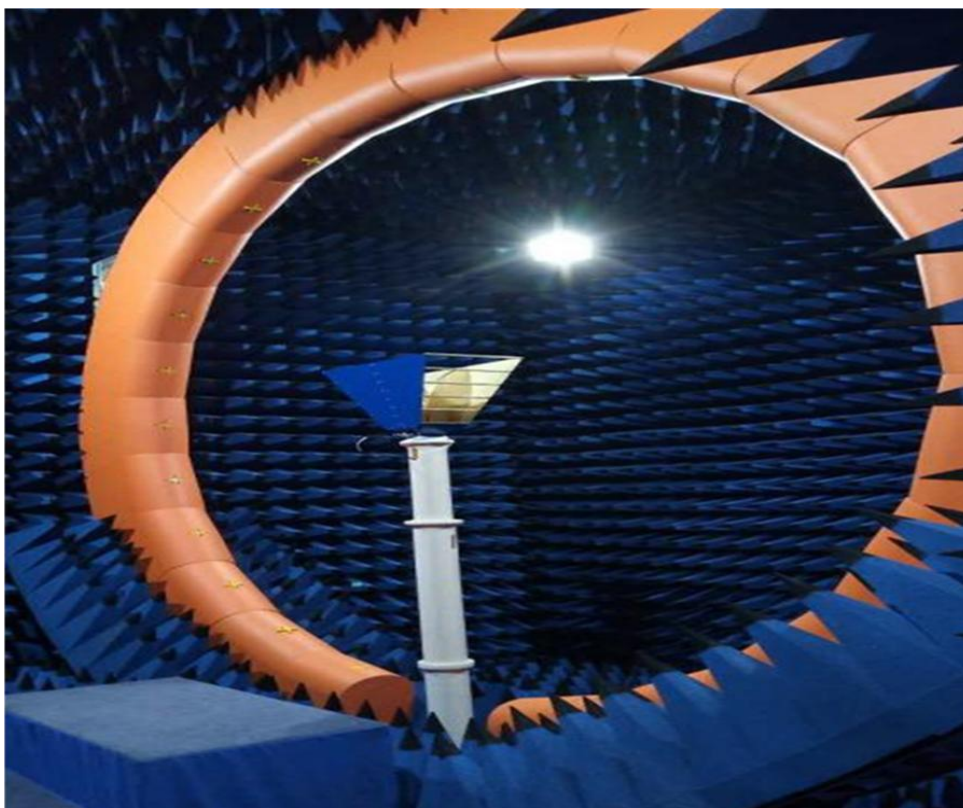
2400-2500MHz



测试原理框图:

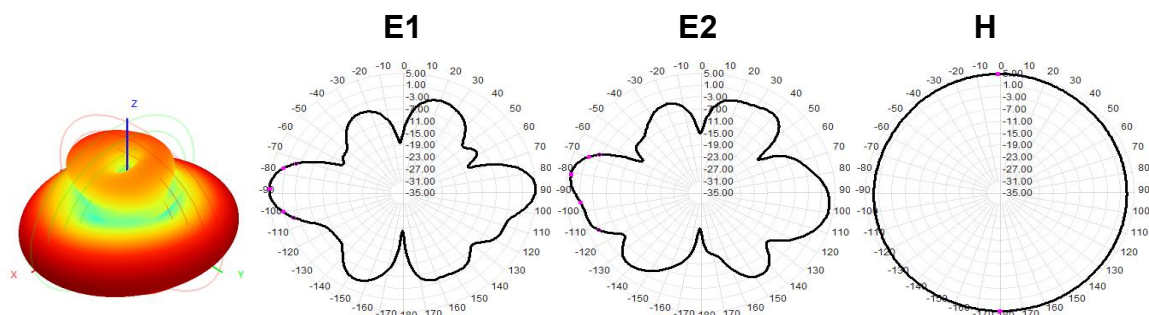


暗室内部图片:

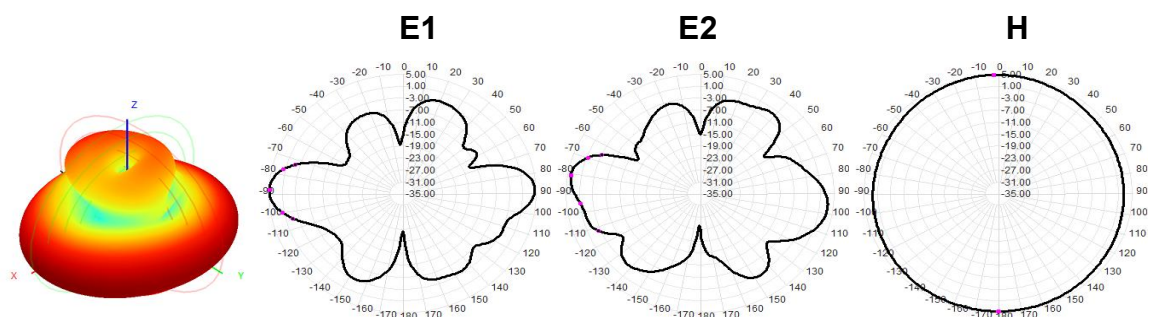


2.4~2.5GHz Radiation Pattern

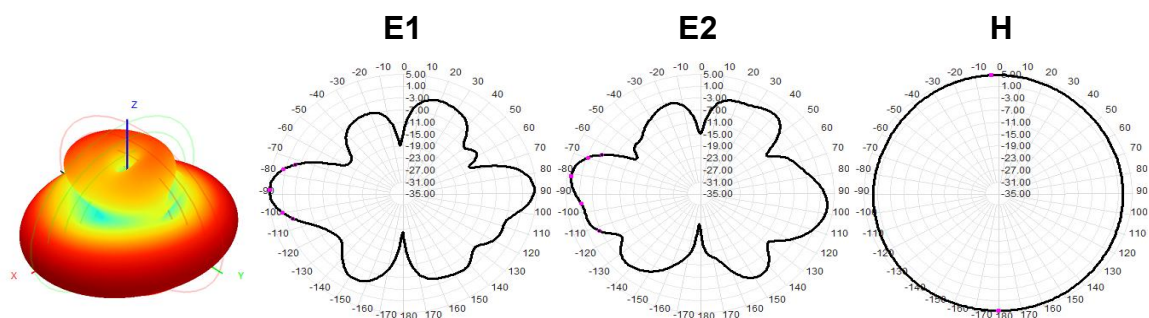
2.4GHz



2.45GHz



2.5GHz



1. Gain & Patterns test results

2D patterns Summary VSWR

	2400MHz	2450MHz	2500MHz
VSWR	1.55	1.23	1.52

3D Peak Gain & Efficiency

Frequency	Antenna	
	Peak Gain (dBi)	Efficiency (%)
2400MHz	4.81	76.1
2410MHz	4.74	75.5
2420MHz	4.75	73.7
2430MHz	4.85	74.5
2440MHz	4.83	75.3
2450MHz	4.77	74.1
2460MHz	4.77	75.4
2470MHz	4.71	76.7
2480MHz	4.79	77.3
2490MHz	4.73	74.2
2500MHz	4.74	75.6