

深圳市永联无线科技有限公司

ShenZhen City Flink Wi Technology CO.,LTD.

产品承认书

SPECIFICATION FOR APPROVED

客户

CUSTOMER:

产品名称

线材 天线

PRODUCTS:

客户料号

PART NO:

产品型号

YL-L55 一代

Spec.:

日期

2024. 6. 07

Data:

供应商 SUPPLIER		
拟制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY

客户 CUSTOMER		
承认 ACCEPTED BY	审核 CHECKED BY	批准 APPROVED BY

备注：承认盖章后请回复一份承认书（或复印件）给我司，其余由贵公司存档

REMARK:Please send us one(or copy)of this approval with stamp after accepting,other copies filed by the customer.

地址：深圳市宝安45区裕安一路华创达商务楼606

ADDRESS: 606 Huachuangda Business Building, Yu'an 1st Road, Bao'an 45 District, ,Shenzhen

电话 Tel: 18820170917

传真 Fax: 0755-26976277

ANTENNASPECIFICATION

目录

产品承认书.....	1
1. 项目信息 Project Information.....	3
1.1. 外观尺寸 Appearance and Dimensions.....	3
2. 电气性能 Electrical Characteristics.....	4
2.1. 测试环境条件 Test Environment Conditions.....	4
2.2. 测试方法 Measurement method.....	4
2.2.1. 电压驻波比 VSWR.....	4
2.2.2. 回波损耗 Log Mag.....	4
2.3. 效率及增益 Efficiency and Gain.....	5
2.3.1. 测试系统 Test system.....	5
2.3.2. 无源数据 No-source test data.....	5
2.3.3. 3D Radiation Drawing.....	6
2.3.4. directional drawing of horizontal plane.....	6
3. 备注 Notes.....	6

ANTENNASPECIFICATION

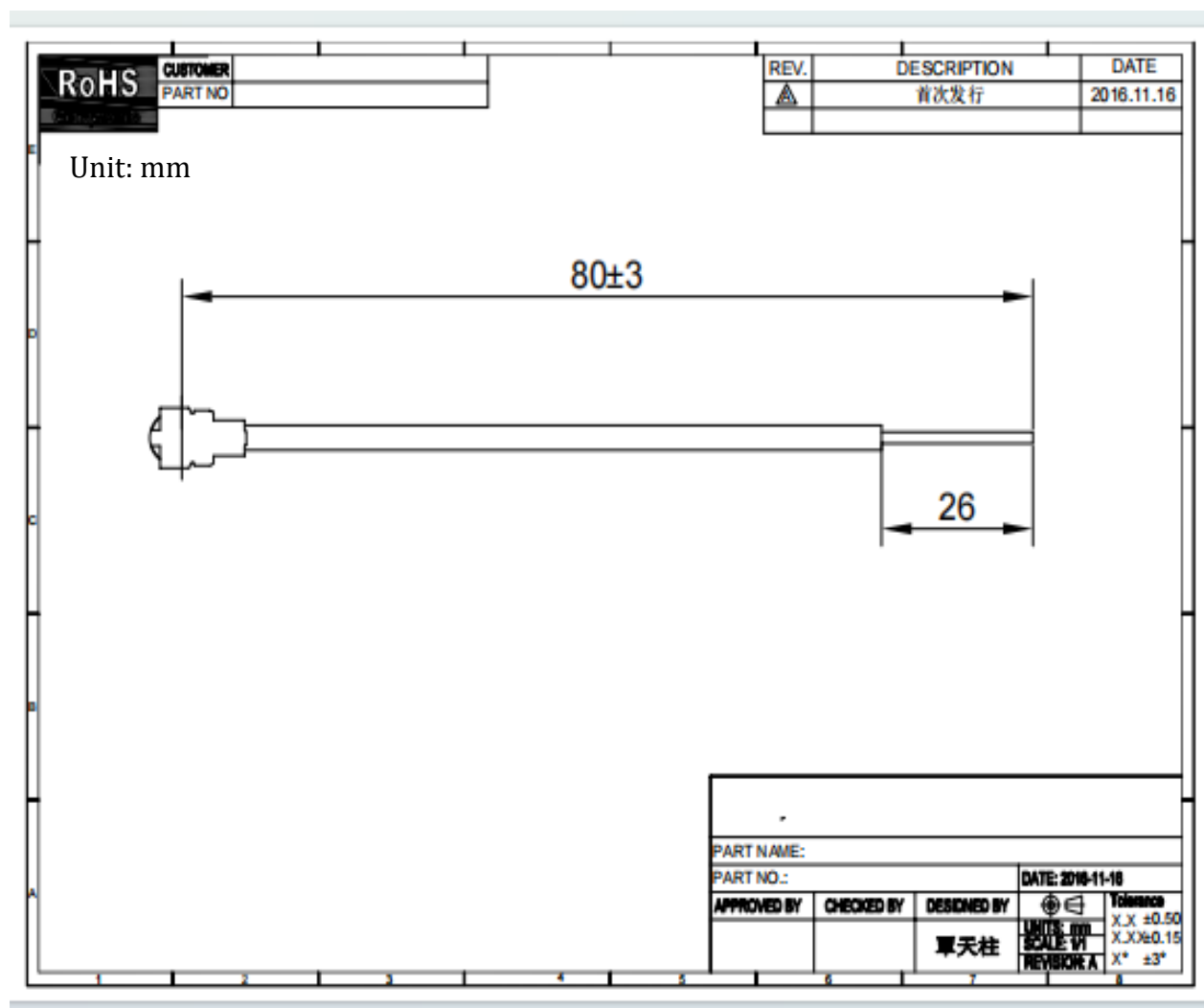
Revision history

版本	日期	状态
V1	2024-05-20	首版

ANTENNASPECIFICATION

1. 项目信息 Project Information

1.1. 外观尺寸 Appearance and Dimensions



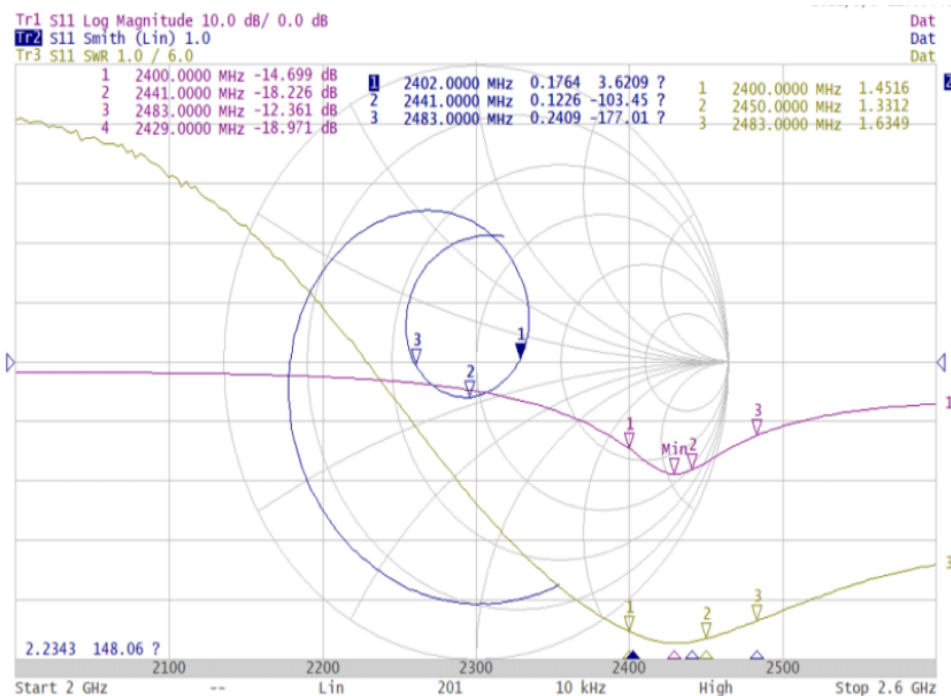
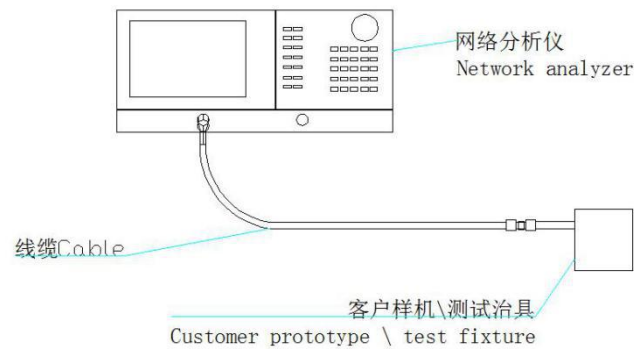
ANTENNA SPECIFICATION

2. 电气性能 Electrical Characteristics

2.1. 测试环境条件 Test Environment Conditions

温度 Temperature	Ordinary Temperature (5 to 35℃)
湿度 Humidity	Ordinary Humidity (25 to 85% RH)

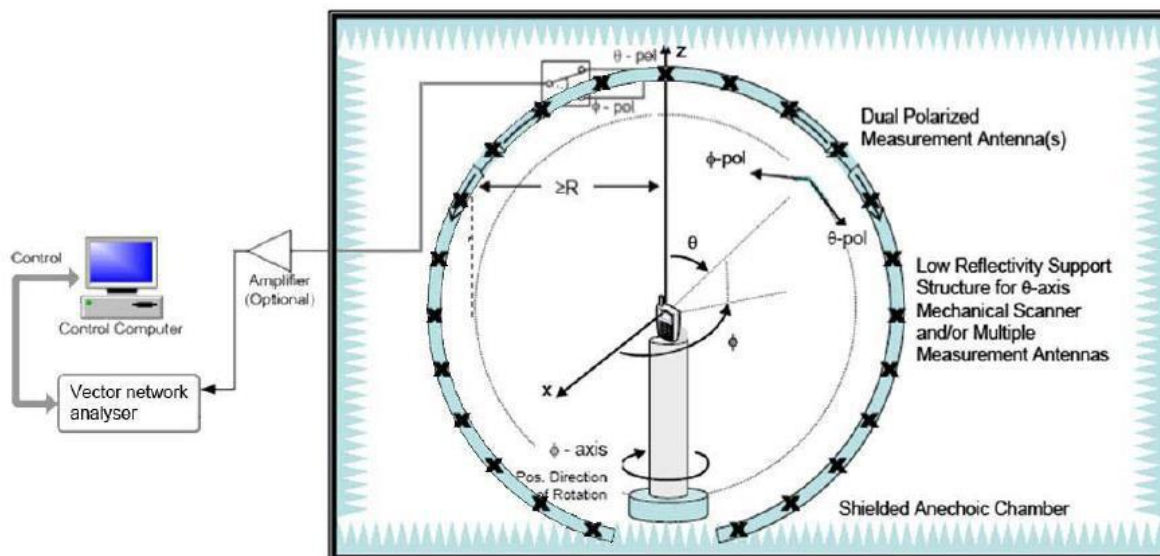
2.2. 测试方法 Measurement method



ANTENNA SPECIFICATION

2.3. 效率及增益 Efficiency and Gain

2.3.1. 测试系统 Test system

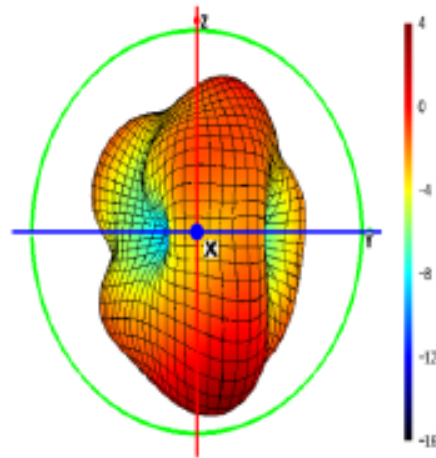


2.3.2. 无源数据 No-source test data

Gain&Efficiency 增益、效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	3.49	-1.51	69
2410	3.03	-1.73	64.5
2420	3.7	-1.39	71.43
2430	3.64	-1.53	68.52
2440	3	-1.63	66.56
2450	3.51	-1.45	70.09
2460	3.56	-1.54	68.21
2470	3.33	-1.46	69.93
2480	3.78	-1.26	64.09
2490	3.21	-1.69	65.36
2500	3.52	-1.74	62.44

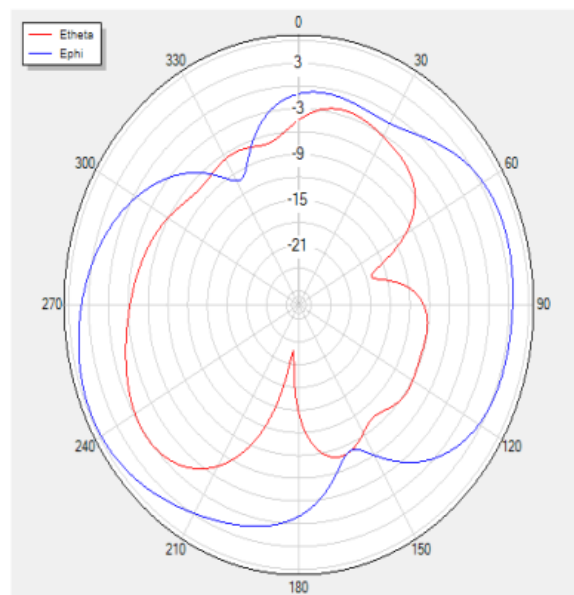
ANTENNASPECIFICATION

2.3.3. 3D Radiation Drawing



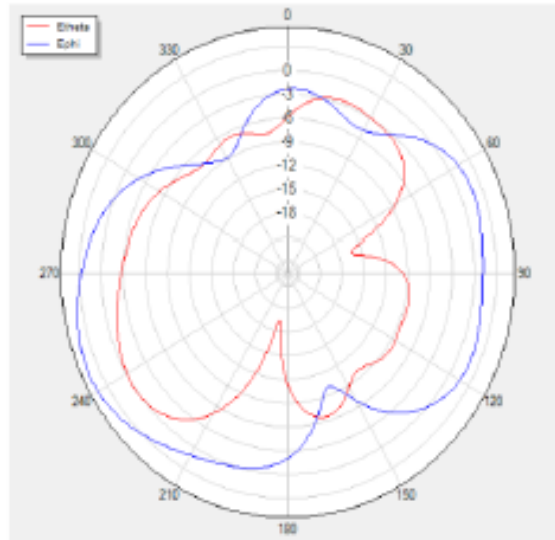
2.3.4. directional drawing of horizontal plane

H Theta=90 freq=2400MHz

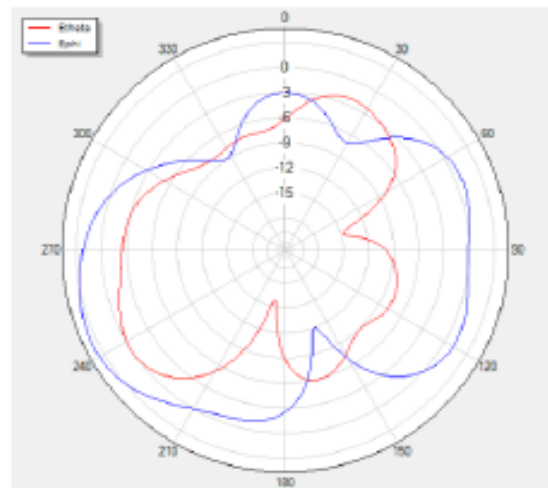


ANTENNASPECIFICATION

H Theta=90 freq=2450MHz



H Theta=90 freq=2480MHz



3. 备注 Notes

- 1、安装时注意不能离金属部分太近，以避免影响天线性能。
- 2、此款天线只适用此机型，天线的位置不可以随意改动，若用于其它机器上导致效果变差，与我司无关。