

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

Built-in antenna

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.

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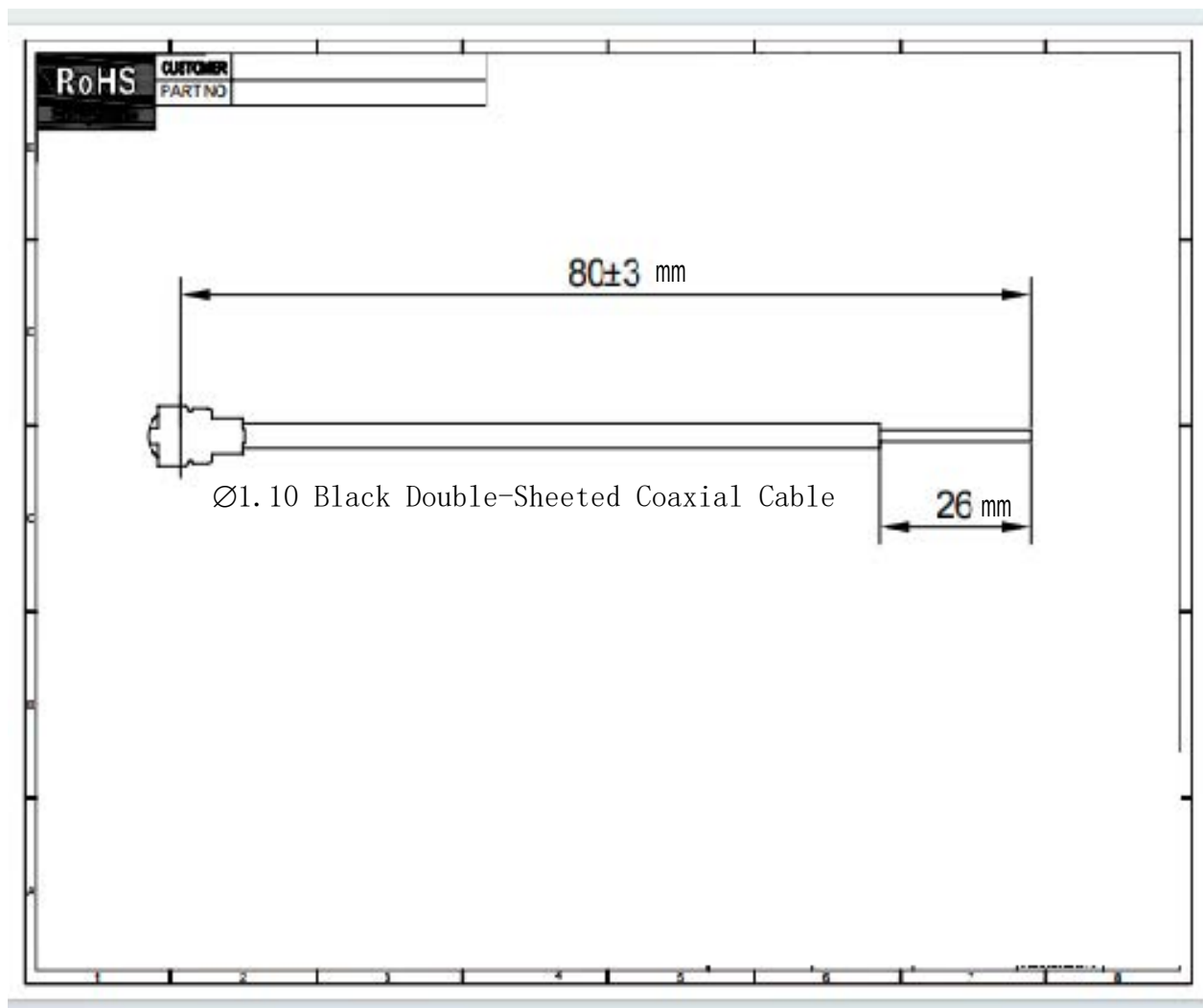
Revision history

版本	日期	state
V1	2024-05-20	first edition

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1. 项目信息 Project Information

1.1. 外观尺寸 Appearance and Dimensions



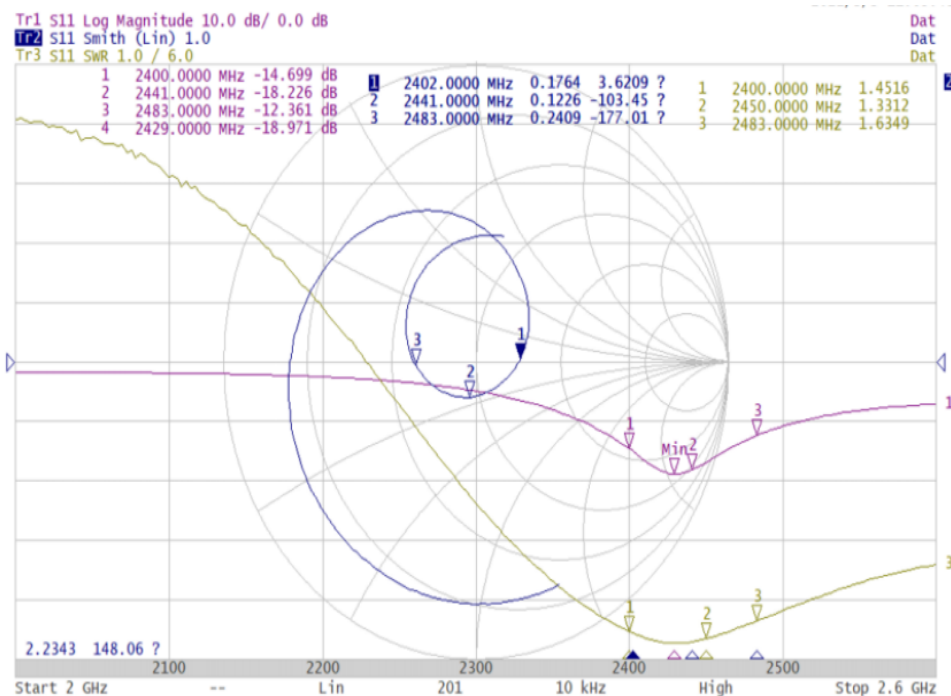
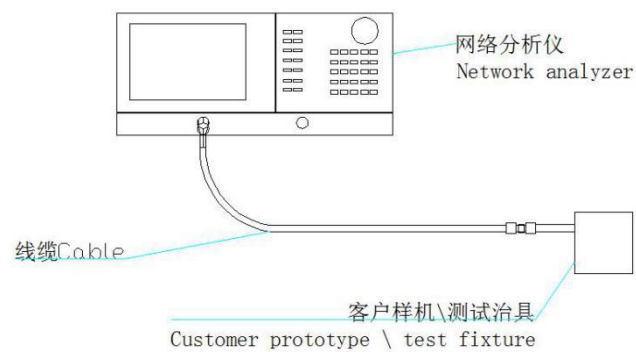
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2. 电气性能 Electrical Characteristics

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)

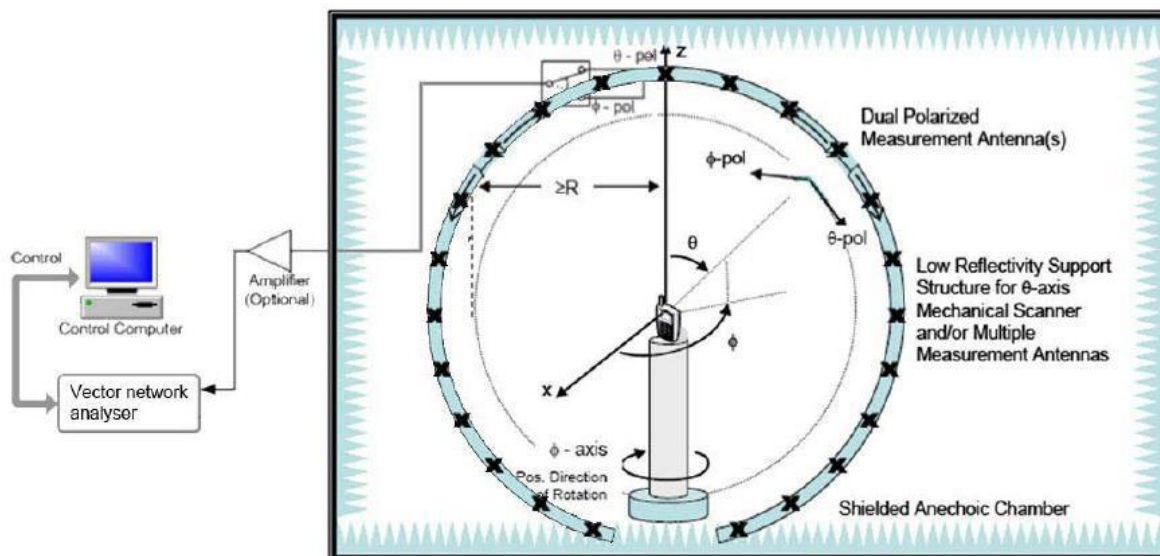
2.2. 测试方法 Measurement method



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2.3. 效率及增益 Efficiency and Gain

2.3.1. 测试系统 Test system

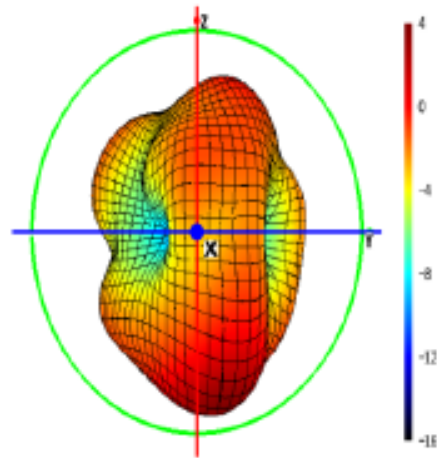


2.3.2. 无源数据 No-source test data

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

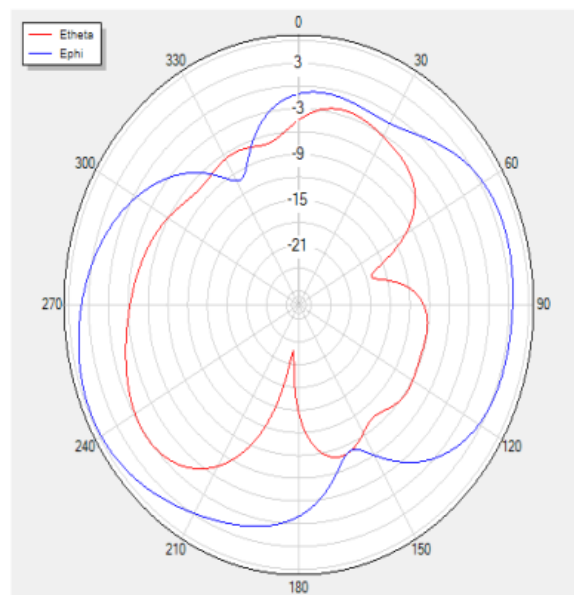
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2.3.3. 3D Radiation Drawing



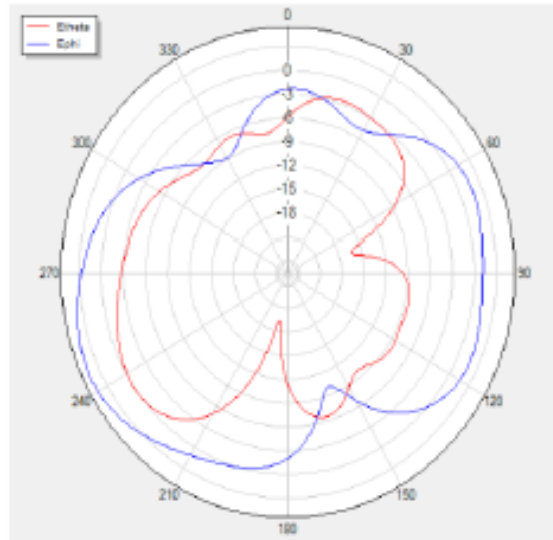
2.3.4. directional drawing of horizontal plane

H Theta=90 freq=2400MHz

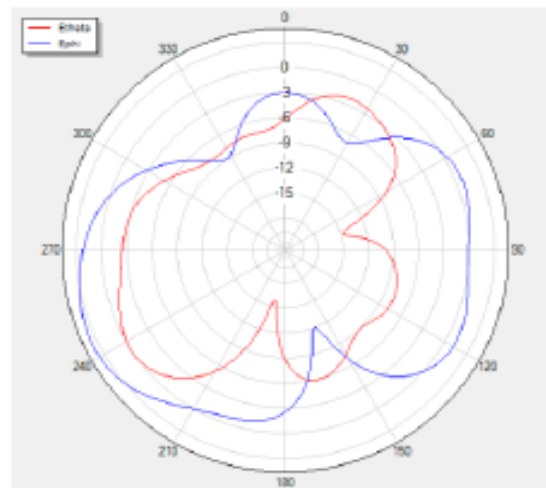


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H Theta=90 freq=2450MHz



H Theta=90 freq=2480MHz



3. 备注 Notes

1. During installation, be sure not to place it too close to the metal parts to avoid affecting the antenna performance.
2. This antenna is only applicable to this model. The position of the antenna cannot be changed at will. If it is used on other machines, the effect will deteriorate and it is not related to our company.