

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

PRODUCTS:

客户料号

PART NO:

产品型号

Spec.:

日期

Data:

线材 天线 Wire Antenna

YL-L55 一代 YL-L55 Generation 1

2024. 6. 07

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

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

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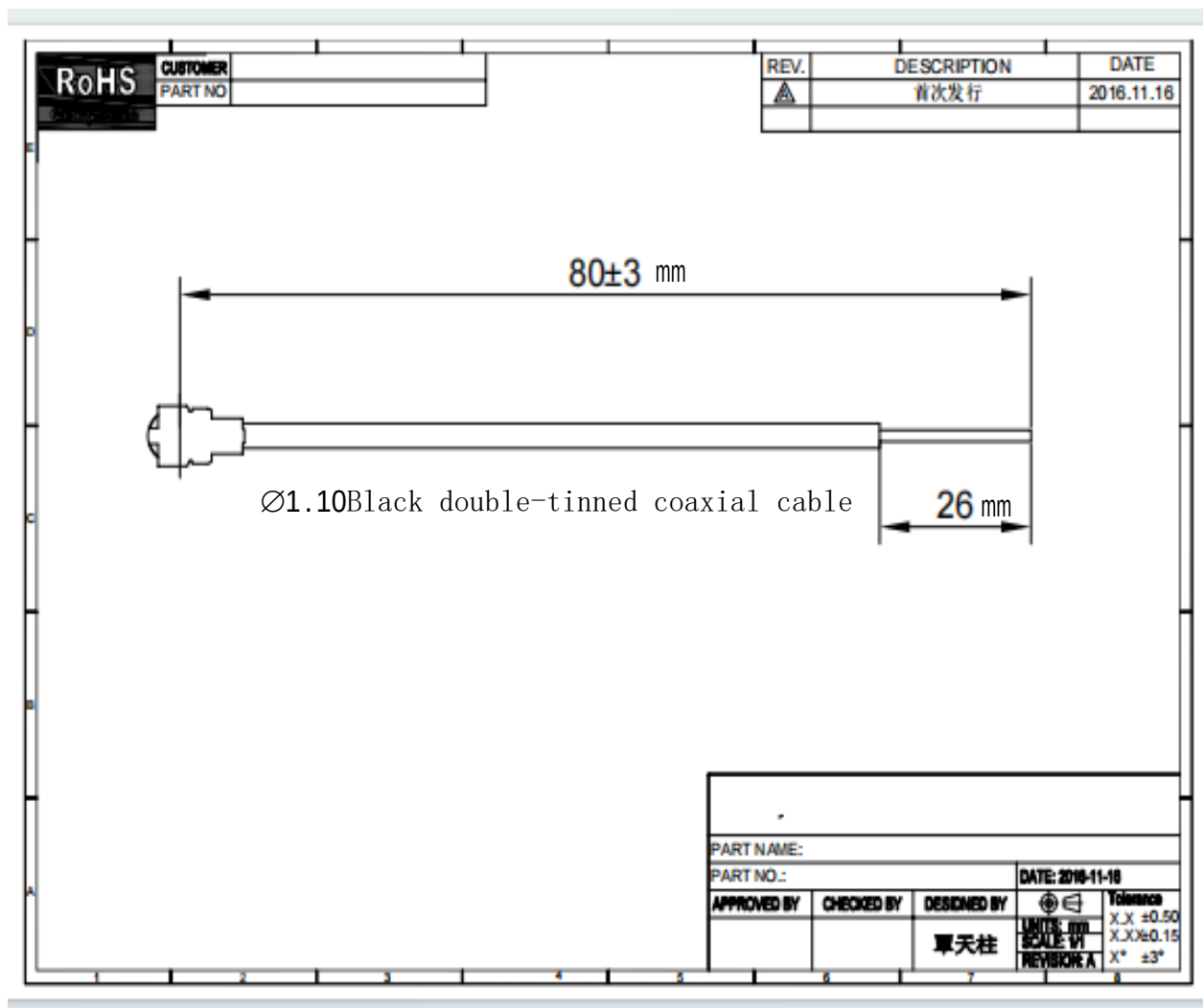
Revision history

Version	Date	Status
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



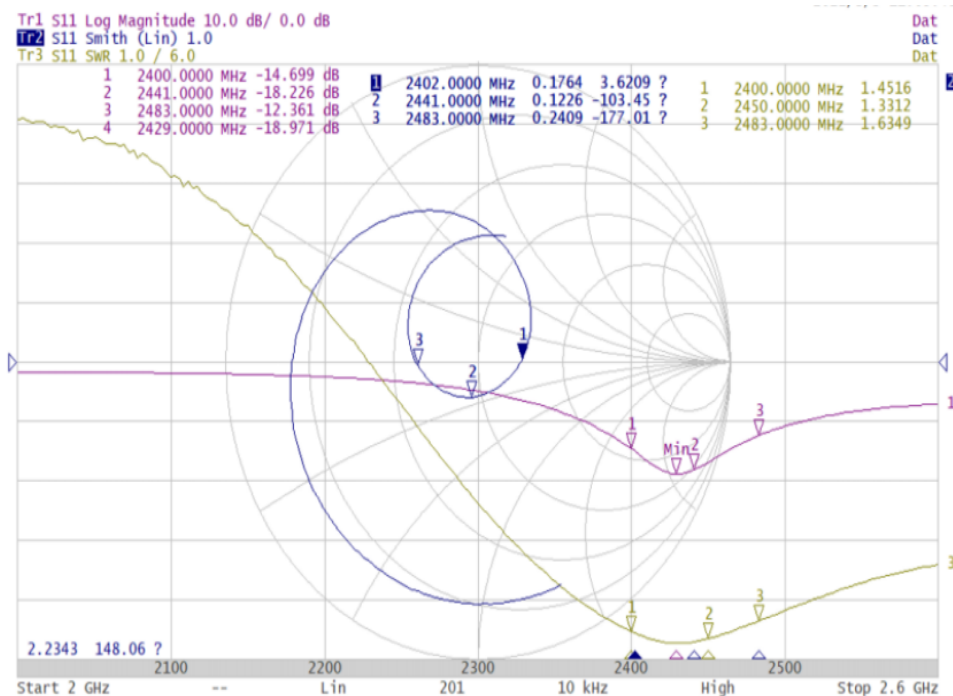
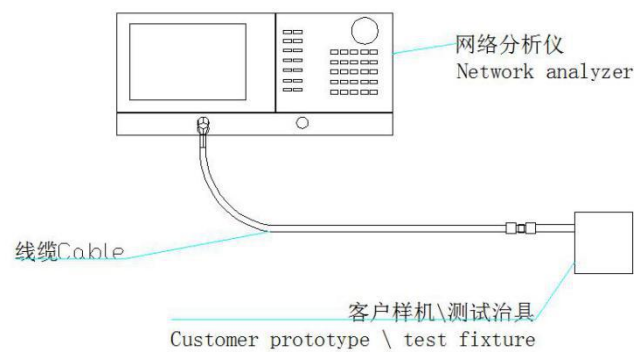
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2. 电气性能 Electrical Characteristics

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)

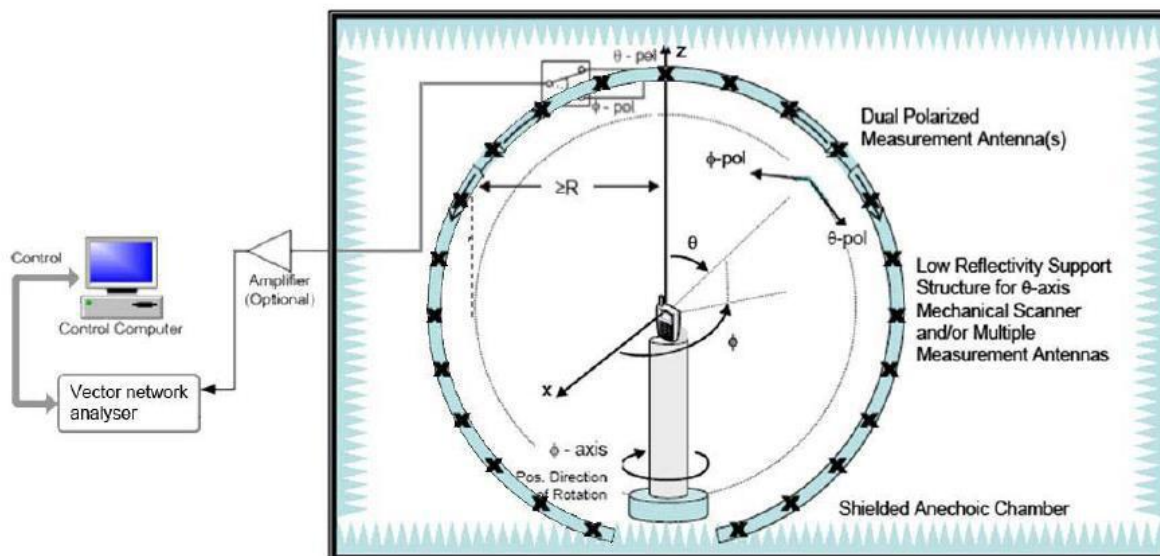
2.2. 测试方法 Measurement method



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2.3. 效率及增益 Efficiency and Gain

2.3.1. 测试系统 Test system

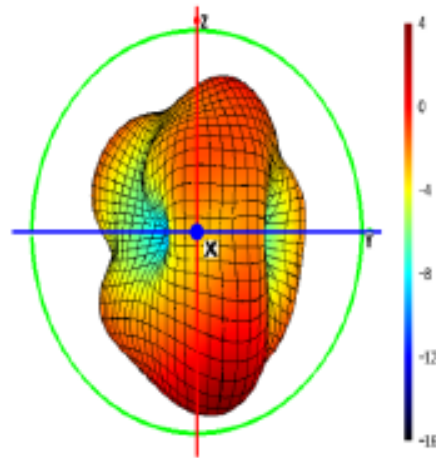


2.3.2. 无源数据 No-source test data

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

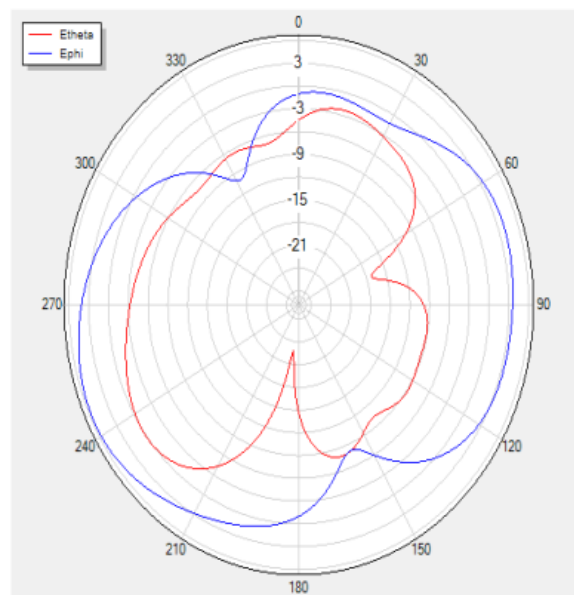
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2.3.3. 3D Radiation Drawing



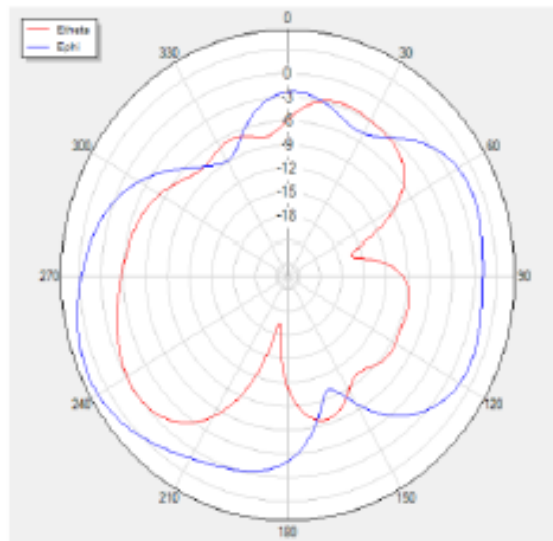
2.3.4. directional drawing of horizontal plane

H Theta=90 freq=2400MHz



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H Theta=90 freq=2450MHz



H Theta=90 freq=2480MHz

