

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:

天线类型

FPCB Antenna

Antenna type:

客户料号

PART NO:

产品型号

YL-AE01-V2

Spec.:

日期

2024. 04. 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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ANTENNASPECIFICATION

目录

产品承认书Product acknowledge.....	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

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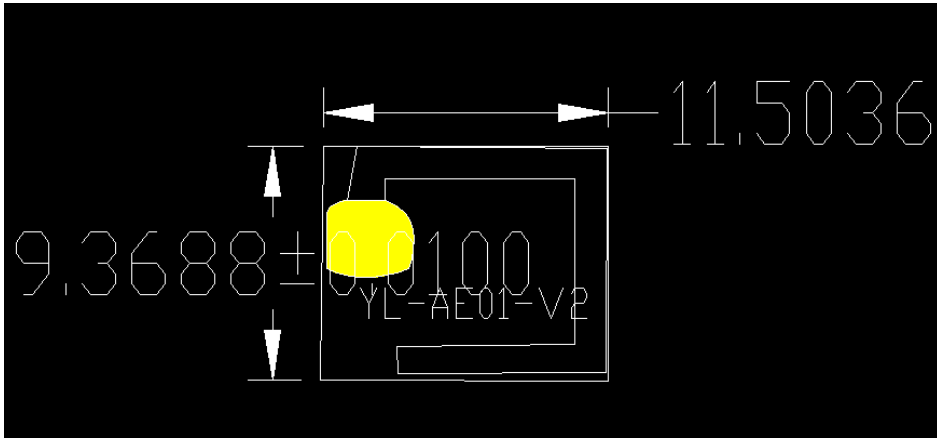
Revision history

version	date	state
V1	2023-11-18	first edition
V2	2024-3-24	second edition

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1. 项目信息 Project Information

1.1. 外观尺寸 Appearance and Dimensions

Test point	Gauge lattice	Testresult
Size	11.5mm*9.3mm (误差±0.2mm)	OK
		OK
图纸Drawing	 The drawing shows a rectangular component with a yellow circular feature. The dimensions are 11.5036 (width) and 9.3688 (height). The text 'YL-AE01-V2' is visible on the component.	

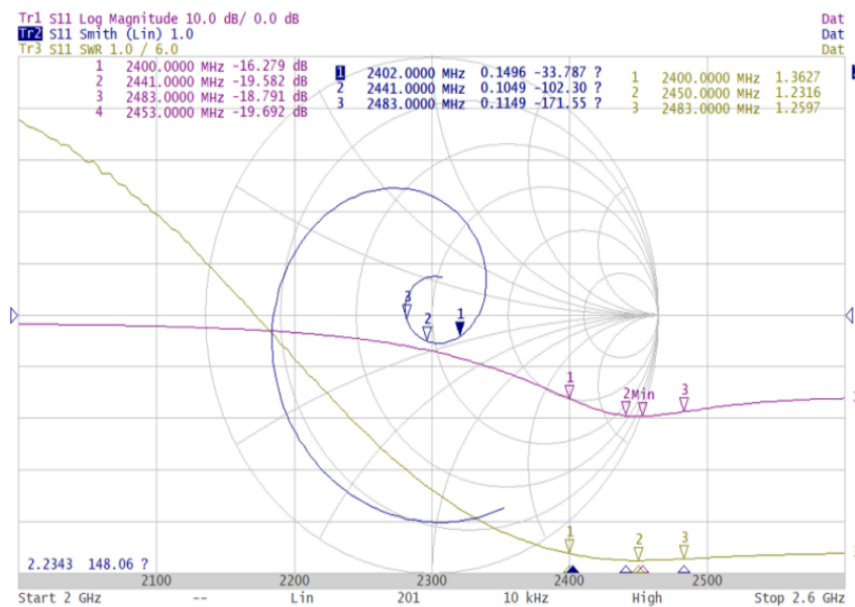
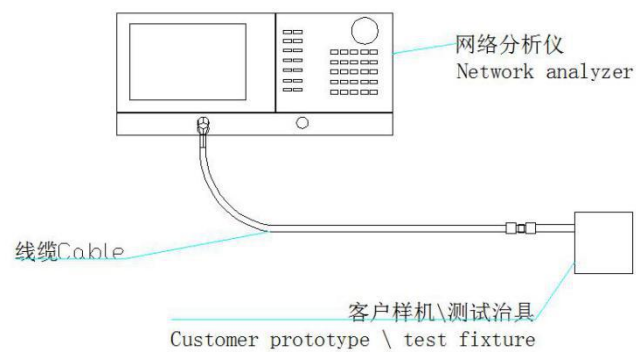
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2. 电气性能 Electrical Characteristics

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)

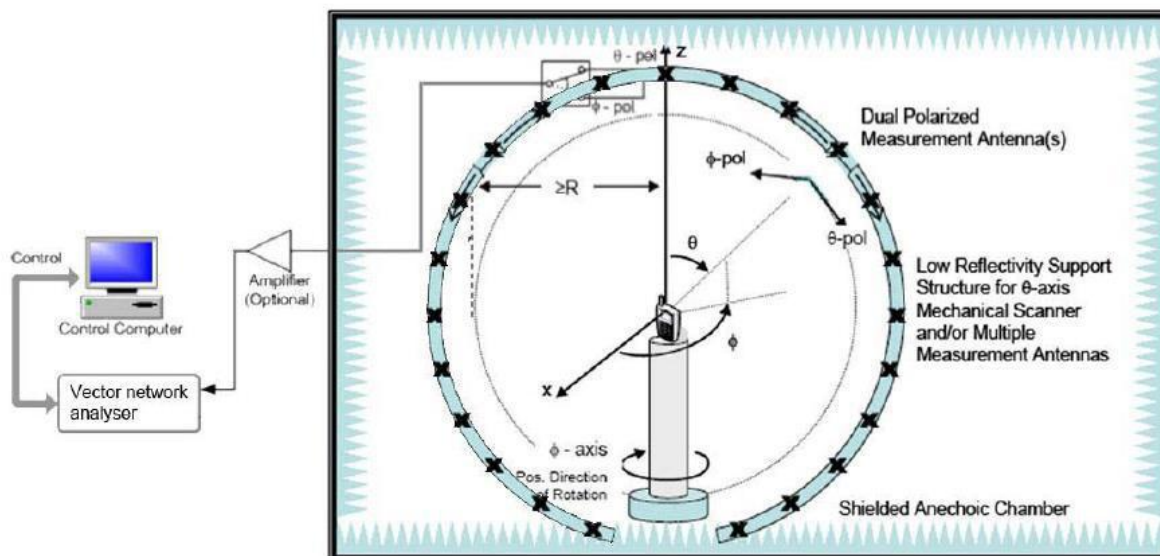
2.2. 测示方法 Measurement method



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2.3. 效率及增益 Efficiency and Gain

2.3.1. 测试系统 Test system

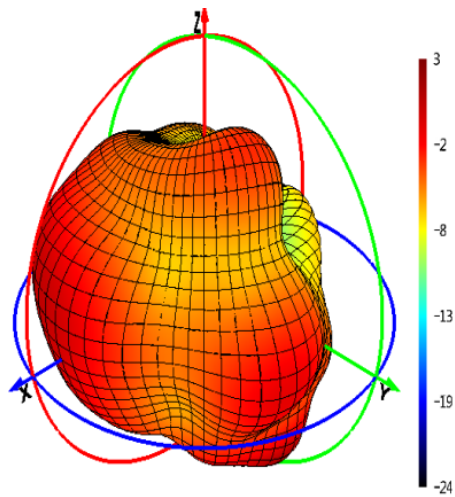


2.3.2. 无源数据 No-source test data

L边-Gain&Efficiency 增益和效率			
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率
2400	1.01	-4.46	32.13%
2410	1.23	-4.29	33.88%
2420	1.38	-4.17	34.09%
2430	1.42	-3.98	35.90%
2440	1.50	-3.62	36.64%
2450	1.46	-3.81	34.82%
2460	1.37	-4.06	32.05%
2470	1.32	-4.21	31.91%
2480	1.33	-4.32	30.98%
2490	1.28	-4.24	30.35%
2500	0.91	-4.34	29.84%

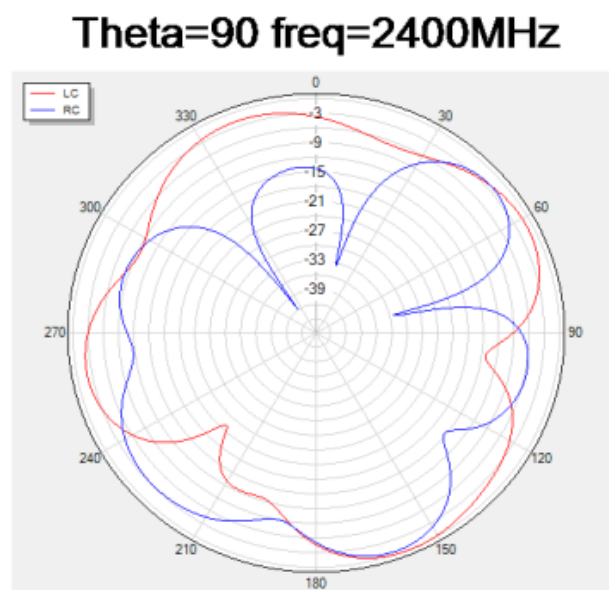
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2.3.3. 3D Radiation Drawing



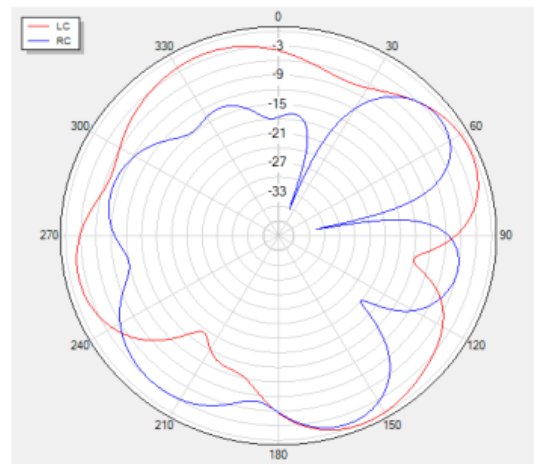
L 天线

2.3.4. directional drawing of horizontal plane

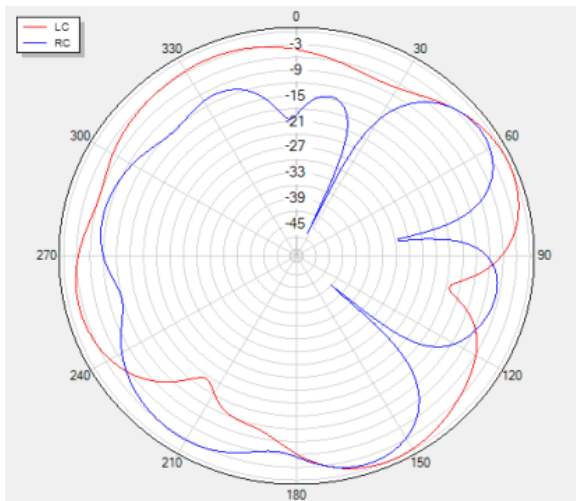


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Theta=90 freq=2450MHz



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。
1. Pay attention to not being too close to the metal part during installation to avoid affecting the antenna performance.