

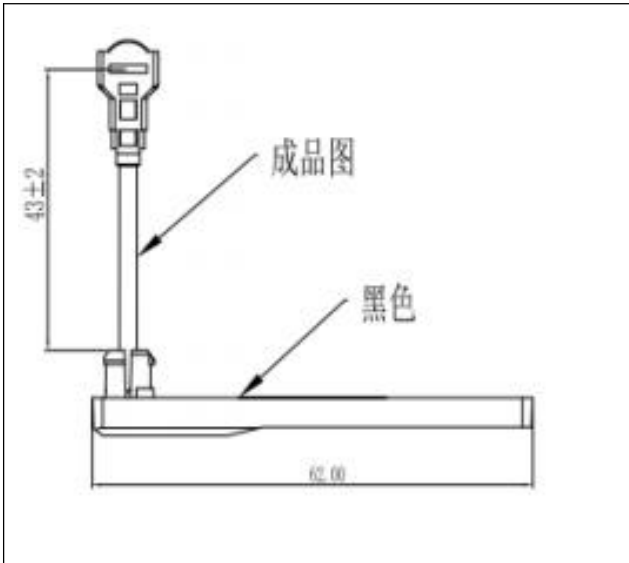
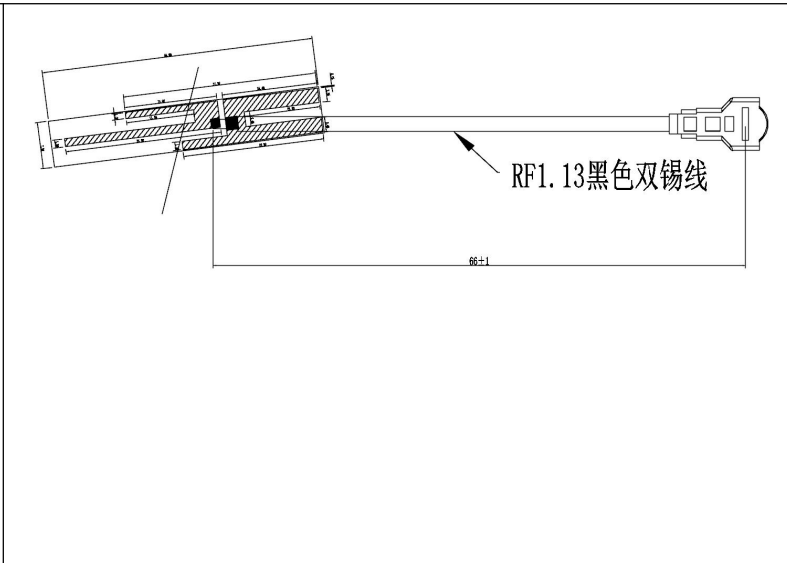
天线规格书-测试报告

Antenna Specification - Test Report

一、天线概要 Antenna overview:

公司名字 Company name	东莞市扬跃电子通信科技有限公司 DongGuan Yangyue Electronic Communication Technology Co., Ltd.
公司地址 Company address	
产品名称 Product name	LK-A62 FPC 双频天线
产品型号 Product model	02.003.00000000002
产品类型 Product type	WIFI 天线
适用频率 Applicable frequency	2400Mhz-2500Mhz 5150-5850Mhz
最大增益 maximumGain	3.38Bi@2400 ~ 2500 MHz 4.15dBi@5150 ~ 5850 MHz
极化 Polarization	垂直极化+水平极化
方位波束图 Azimuth Beam Pattern	
抗阻 Impedance	50 Ohm

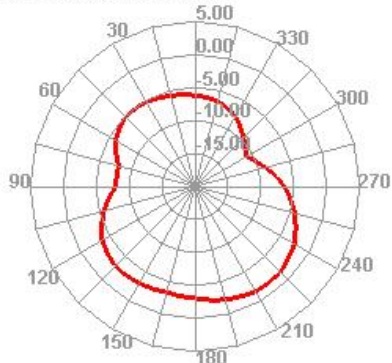
二、天线尺寸 Antenna size:

 <p>The diagram shows the external appearance of the antenna. It features a vertical antenna element mounted on a horizontal substrate. A dimension line on the left indicates a height of 43±2. Labels include '成品图' (finished product drawing) pointing to the antenna element, '黑色' (black) pointing to the substrate, and '62.00' at the bottom.</p>	 <p>The diagram shows the internal core structure of the antenna. It includes a cross-sectional view of the antenna element and a side view of the substrate. A label 'RF1.13黑色双锡线' (RF1.13 black double tin wire) points to the antenna element. A dimension line at the bottom indicates a length of 66±1.</p>
外观尺寸 Appearance size	内芯尺寸 Core size

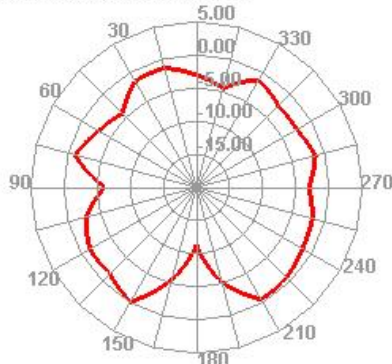
三、2D 测试图 2D test diagram:

频点 Frequency point	2400MHz-2500MHz
方向 Directions	垂直极化+水平极化
最大功率 Maximum power	
刻度大小 Scale size	15 度

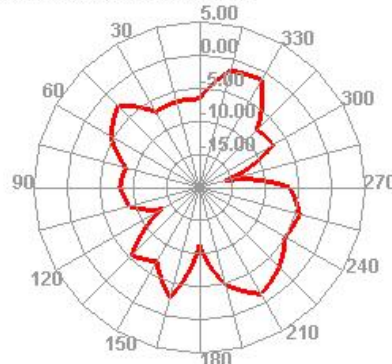
2400.000MHz H



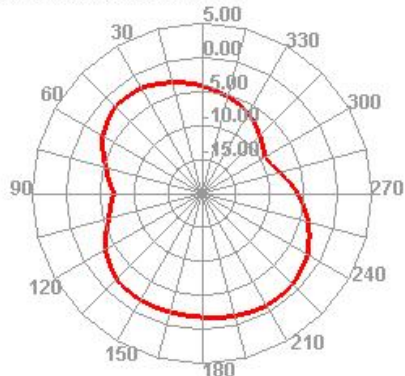
2400.000MHz E1



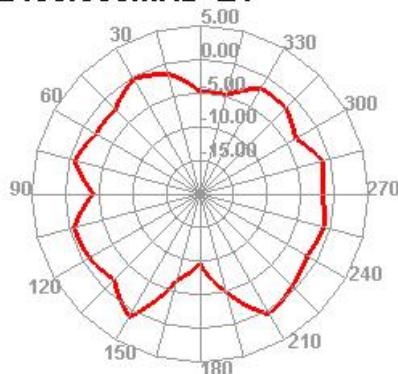
2400.000MHz E2



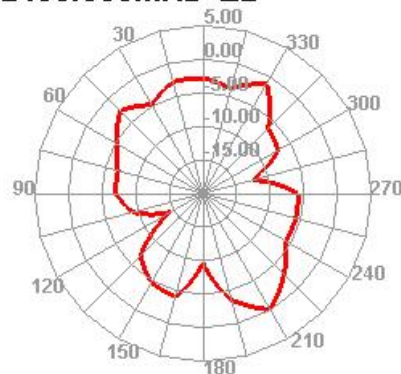
2450.000MHz H



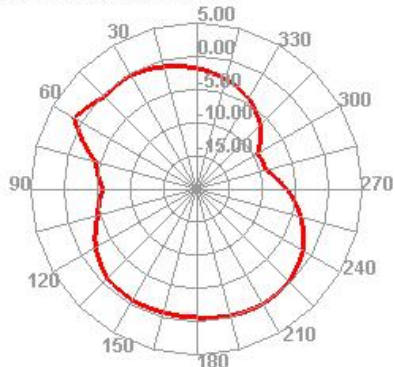
2450.000MHz E1



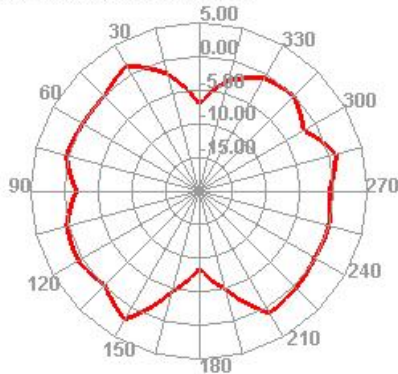
2450.000MHz E2



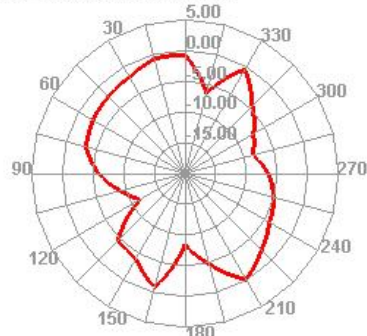
2500.000MHz H



2500.000MHz E1



2500.000MHz E2

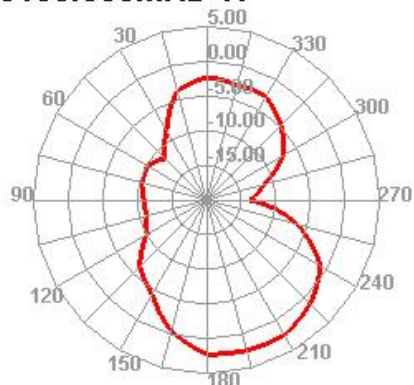


测试图 Test diagram

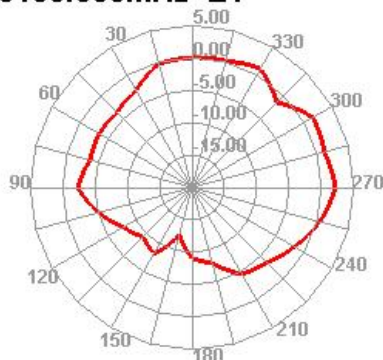
Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	1.22		
2450	2.24		
2500	3.38		

频点 Frequency point	5150MHz-5850MHz
方向 Directions	垂直极化+水平极化
最大功率 Maximum power	
刻度大小 Scale size	15 度

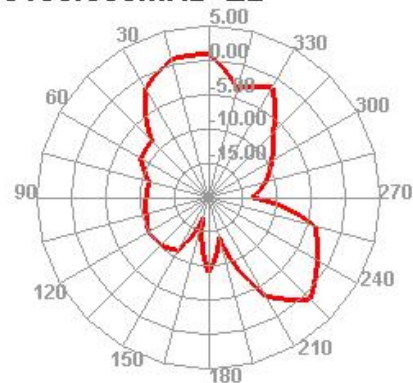
5150.000MHz H



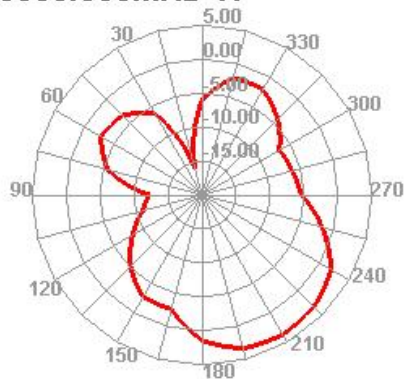
5150.000MHz E1



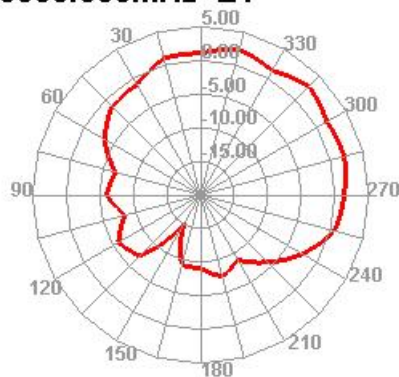
5150.000MHz E2



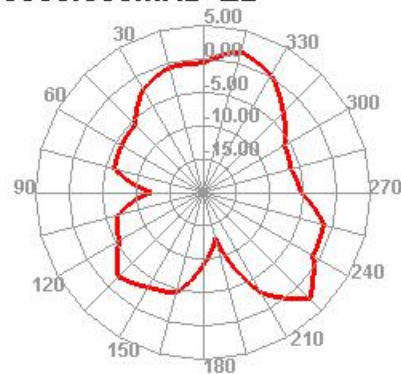
5500.000MHz H



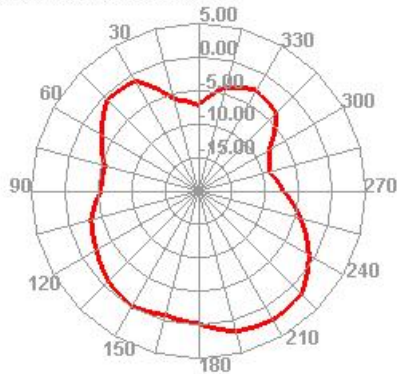
5500.000MHz E1



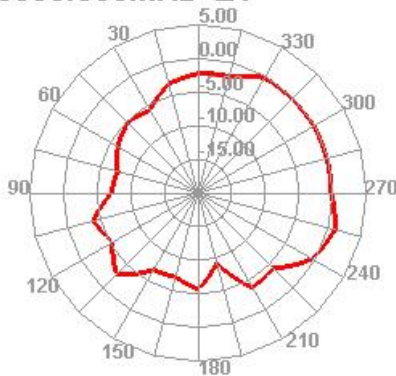
5500.000MHz E2



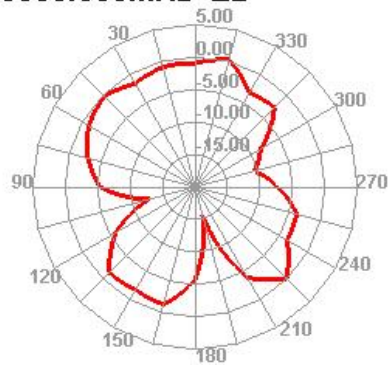
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



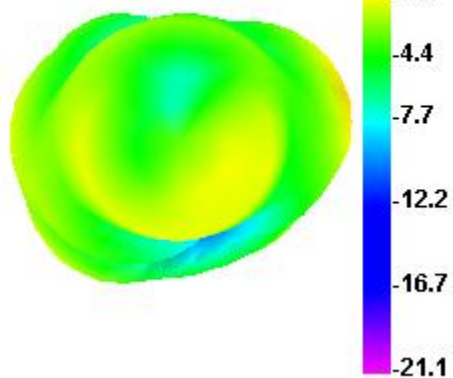
测试图 Test diagram

Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
5150	2.45		
5550	4.15		
5850	2.46		

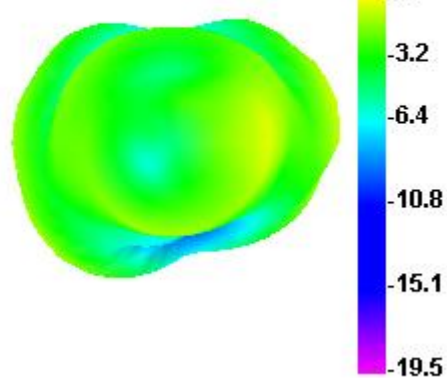
四、3D 测试图 3D test diagram:

频点 Frequency point	2400Mhz-2500Mhz
方向 Directions	垂直极化+水平极化
最大功率 Maximum power	
刻度大小 Scale size	15 度

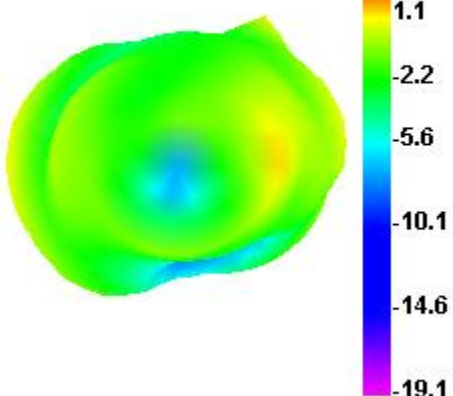
2400.000MHz



2450.000MHz



2500.000MHz

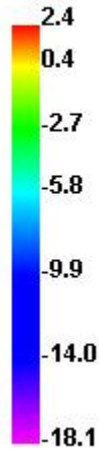
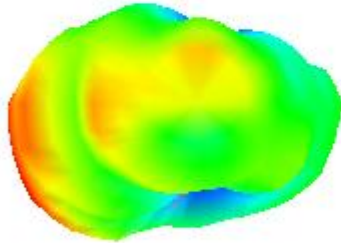


测试图 Test diagram

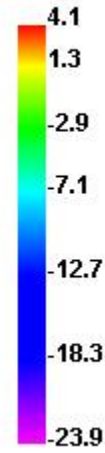
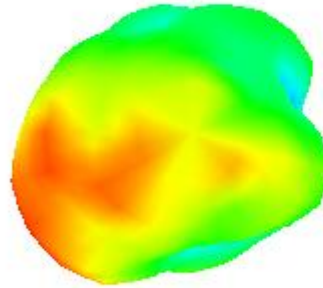
Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	1.22		
2450	2.24		
2500	3.38		

频点 Frequency point	5150Mhz-5850Mhz
方向 Directions	垂直极化+水平极化
最大功率 Maximum power	
刻度大小 Scale size	15 度

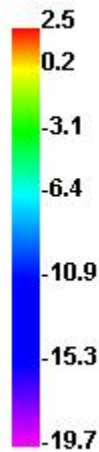
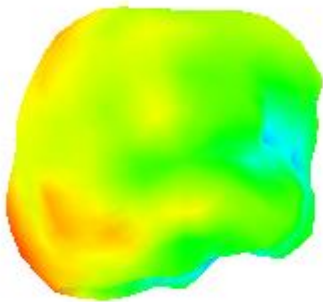
5150.000MHz



5550.000MHz



5850.000MHz



测试图 Test diagram

Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
5150	2.45		
5550	4.15		
5850	2.46		