

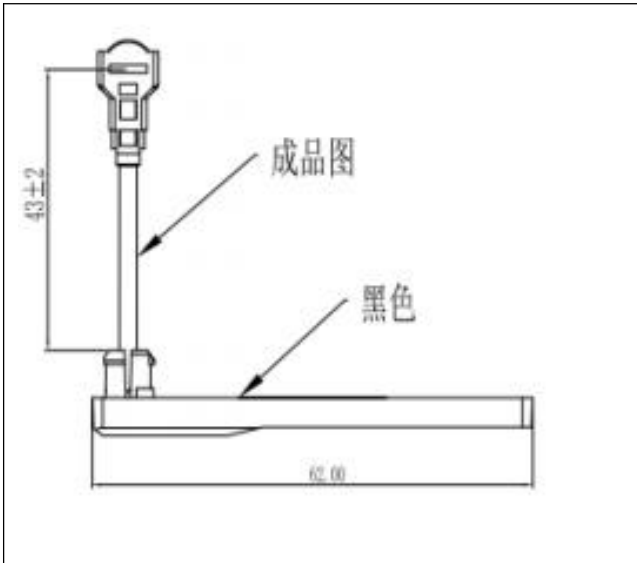
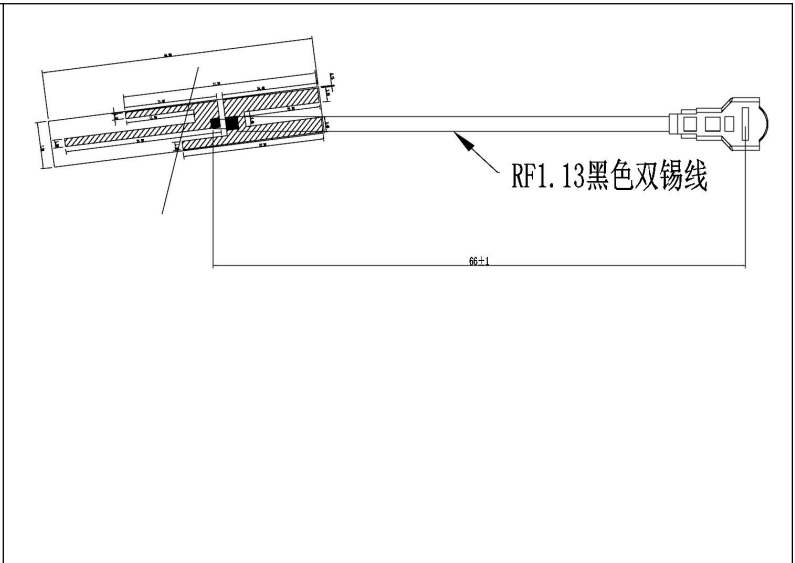
天线规格书-测试报告

Antenna Specification - Test Report

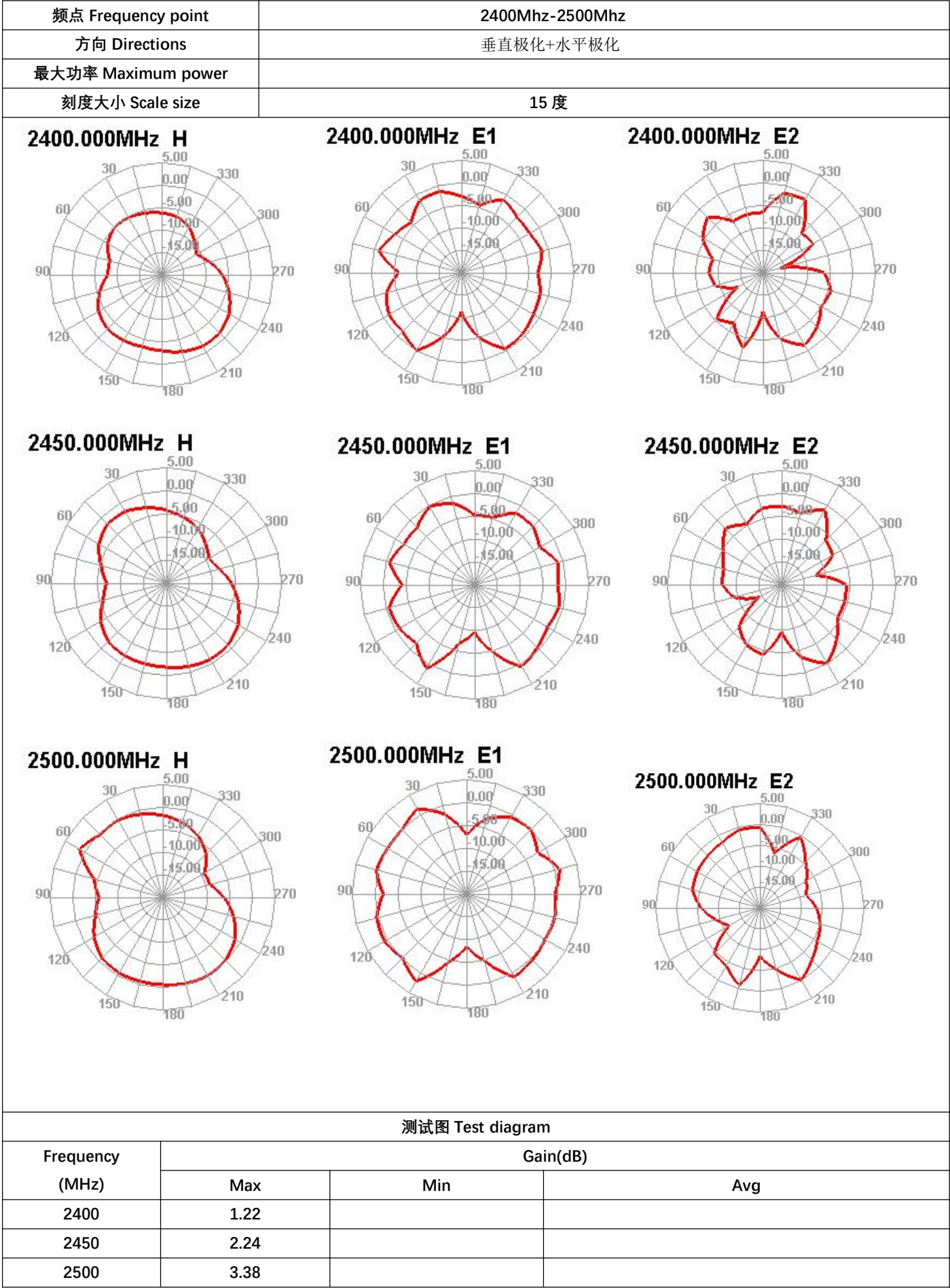
一、天线概要 Antenna overview:

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:

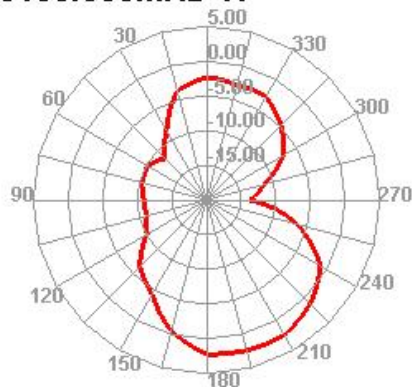
	
外观尺寸 Appearance size	内芯尺寸 Core size

三、2D 测试图 2D test diagram:

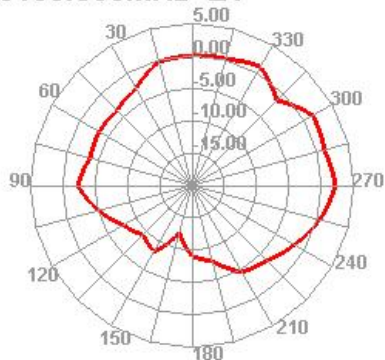


频点 Frequency point	5150Mhz-5850Mhz
方向 Directions	垂直极化+水平极化
最大功率 Maximum power	
刻度大小 Scale size	15 度

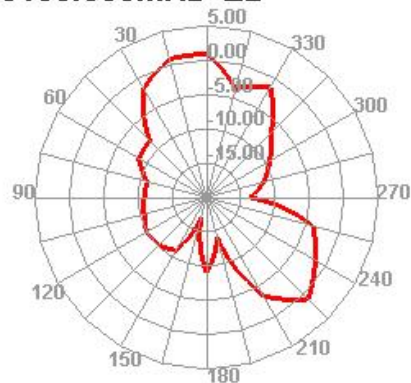
5150.000MHz H



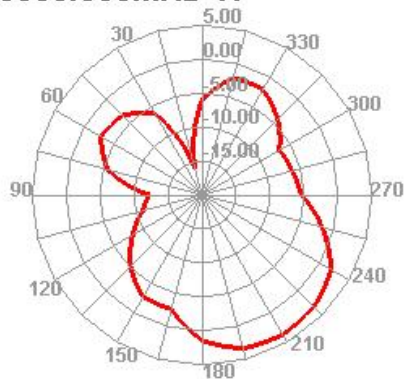
5150.000MHz E1



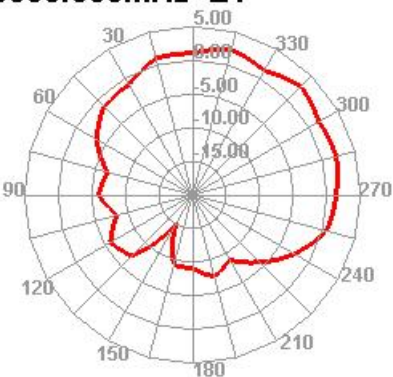
5150.000MHz E2



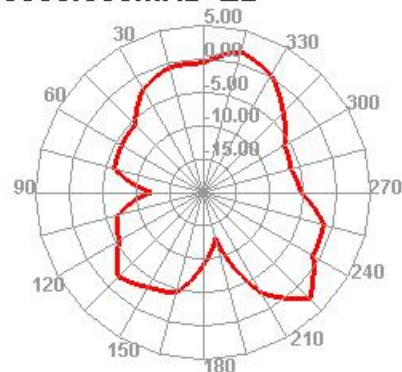
5500.000MHz H



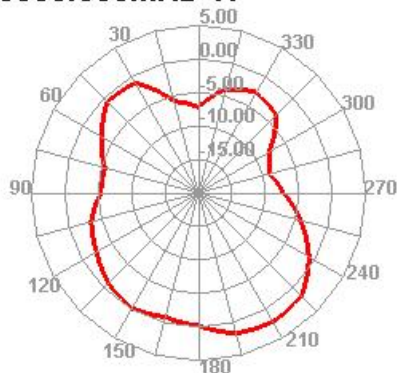
5500.000MHz E1



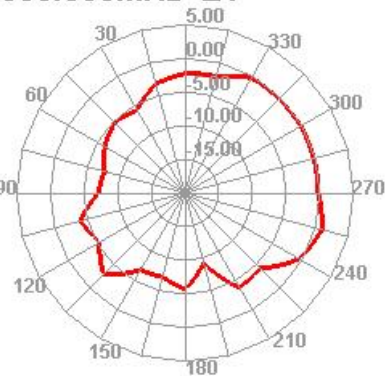
5500.000MHz E2



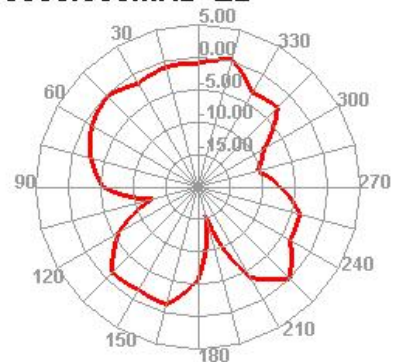
5850.000MHz H



5850.000MHz E1



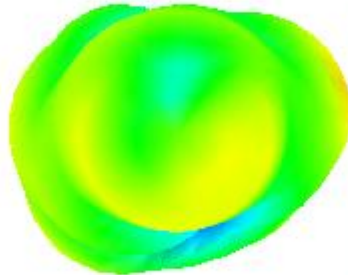
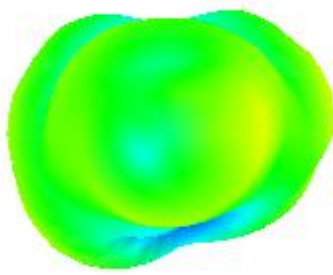
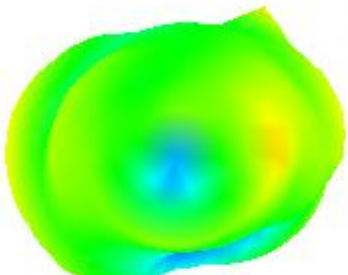
5850.000MHz E2



测试图 Test diagram

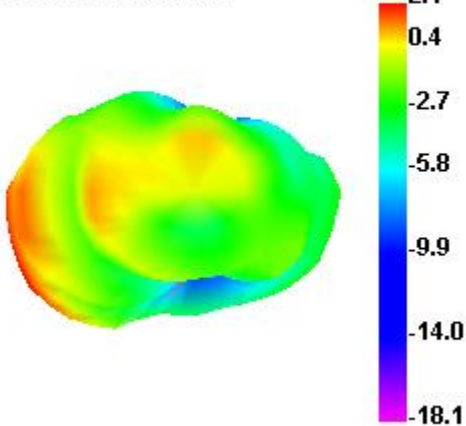
Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
5150	2.45		
5550	4.15		
5850	2.46		

四、3D 测试图 3D test diagram:

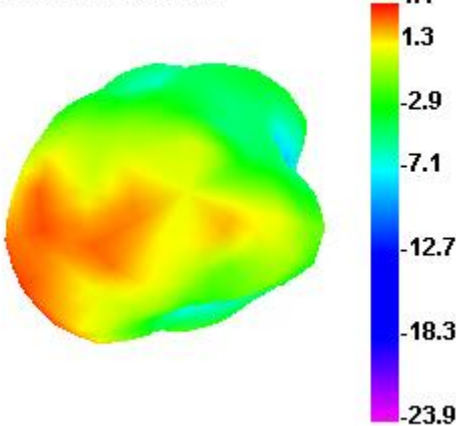
频点 Frequency point	2400Mhz-2500Mhz		
方向 Directions	垂直极化+水平极化		
最大功率 Maximum power			
刻度大小 Scale size	15 度		
2400.000MHz  1.2 -1.0 -4.4 -7.7 -12.2 -16.7 -21.1 2450.000MHz  2.2 0.1 -3.2 -6.4 -10.8 -15.1 -19.5 2500.000MHz  3.4 1.1 -2.2 -5.6 -10.1 -14.6 -19.1			
测试图 Test diagram			
Frequency (MHz)	Gain(dB)		
	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

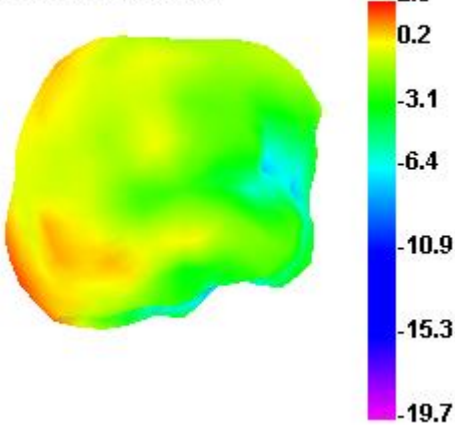
5150.000MHz



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		