



承认书

APPROVAL SHEET

客户名称:
CUSTOMER NAME. Jiangsu Jinshi Legend Technology Co., Ltd

客户料号:
CUSTOMER Part No.

天线类型:
Antenna type Built-in FPC omnidirectional antenna

产品名称
PRODUCT NAME. FPC_1.5dBi

产品规格:
SPECIFICATION 2.4G-1.5dBi outgoing external antenna
RF1.13 black cable outgoing 205mm to IPEX

日期:
DATE: 2019.04.30

供货商		
Supplier		
拟制	审核	批准
DESIGNER	CHECKED BY	APPROVED BY
日期		

客户承认		
CUSTOMER APPROVAL		
检验	审核	批准
INSPECTOR	CHECKED BY	APPROVED BY
日期		





东莞市同讯电子科技有限公司

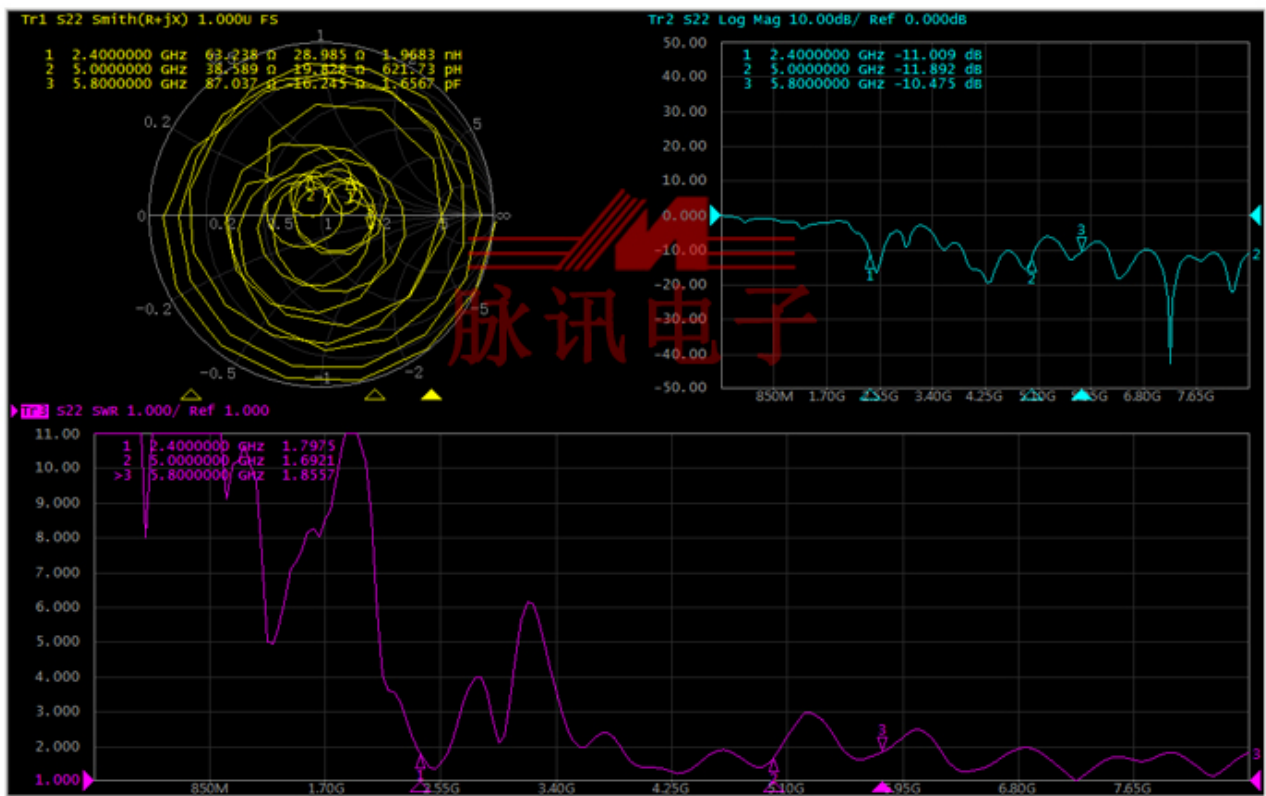
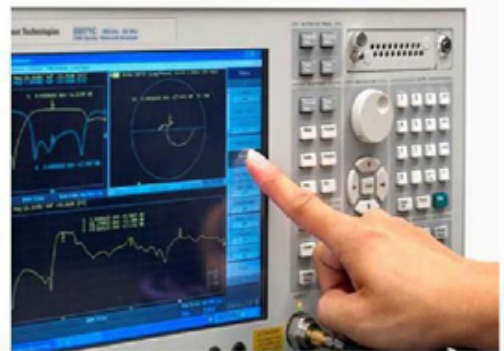
Dongguan KingRF Electronics Technology Co.,Ltd

3.2 · 产品参数 (Product Parameter)

品名 项目	2.4GHz 2dBi 天线	Model	2.4GHz 2dBi Antenna
频率范围 (MHz)	2400~2500	Frequency (MHz)	2400~2500
极化方式	线极化	Polarization Type	linear polarization
天线增益 (dBi)	1.5	Gain (dBi)	1.5
电压驻波比	2400-2500MHz : ≤ 2	VSWR	2400-2500MHz : ≤ 2
输入阻抗 (Ω)	50	Input Impedance (Ω)	50
电缆线长度 (mm)	205	Cable length (mm)	205
电缆线颜色	黑色	Cable Colour	BLACK
接口形式	I-PEX	Connector Type	I-PEX
工作温度 ($^{\circ}\text{C}$)	-40~+85	Operation temperature ($^{\circ}\text{C}$)	-40~+85
存储温度 ($^{\circ}\text{C}$)	-40~+85	Store temperat ($^{\circ}\text{C}$)	-40~+85

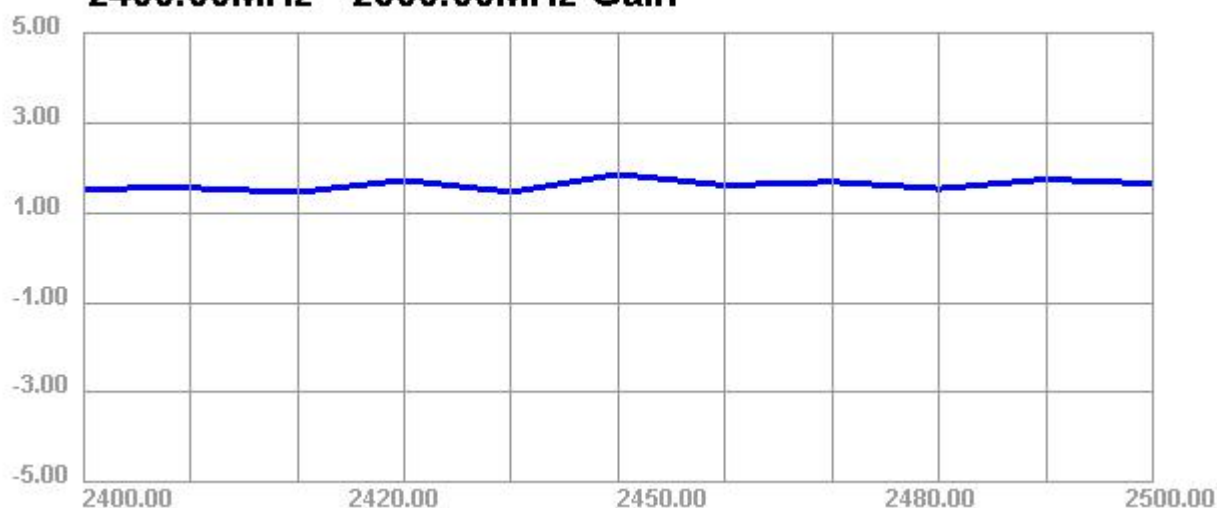
3.4 天线性能测试 (Antenna performance test)

Agilent E5071C



Passive Test For WIFI2										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenu t Hor	Attenu t Ver
2400	73.3	-1.35	1.50	-0.62	39.113	34.188	1.50	-19.75	53.58	53.59
2420	71.02	-1.49	1.45	-0.7	37.158	33.864	1.45	-18.86	53.83	53.76
2450	75.35	-1.23	1.35	-0.3	37.977	37.368	1.35	-17.95	54.17	54.08
2480	66.98	-1.74	1.50	-0.61	32.936	34.048	1.50	-20.36	54.08	53.86
2500	67	-1.74	1.48	-0.5	32.476	34.521	1.48	-22.18	54.04	53.84

2400.00MHz - 2500.00MHz Gain



2400.00MHz - 2500.00MHz Efficiency



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