



manufacture:

Dongguan RF Electronic Technology Co., Ltd
Address: No.1 Sankeng Industrial Zone, Qinghutou, Tangxia Town, Dongguan City
电话: 0769-38940168 传真: 0769-39010966 网址: http://rflink.net.cn

承认书

SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER NAME: 共进

产品名称

PRODUCT NAME: 2.4G 外置天线 L=90MM

客户料号

CUSTOMER P/N:

仁丰料号

RenFeng P/N: 3020202219 REV:A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	顾思远	
AUDITOR BY:	肖玉鹏	
APPROVED BY:	姚定军	
DATE:	2025-03-13	



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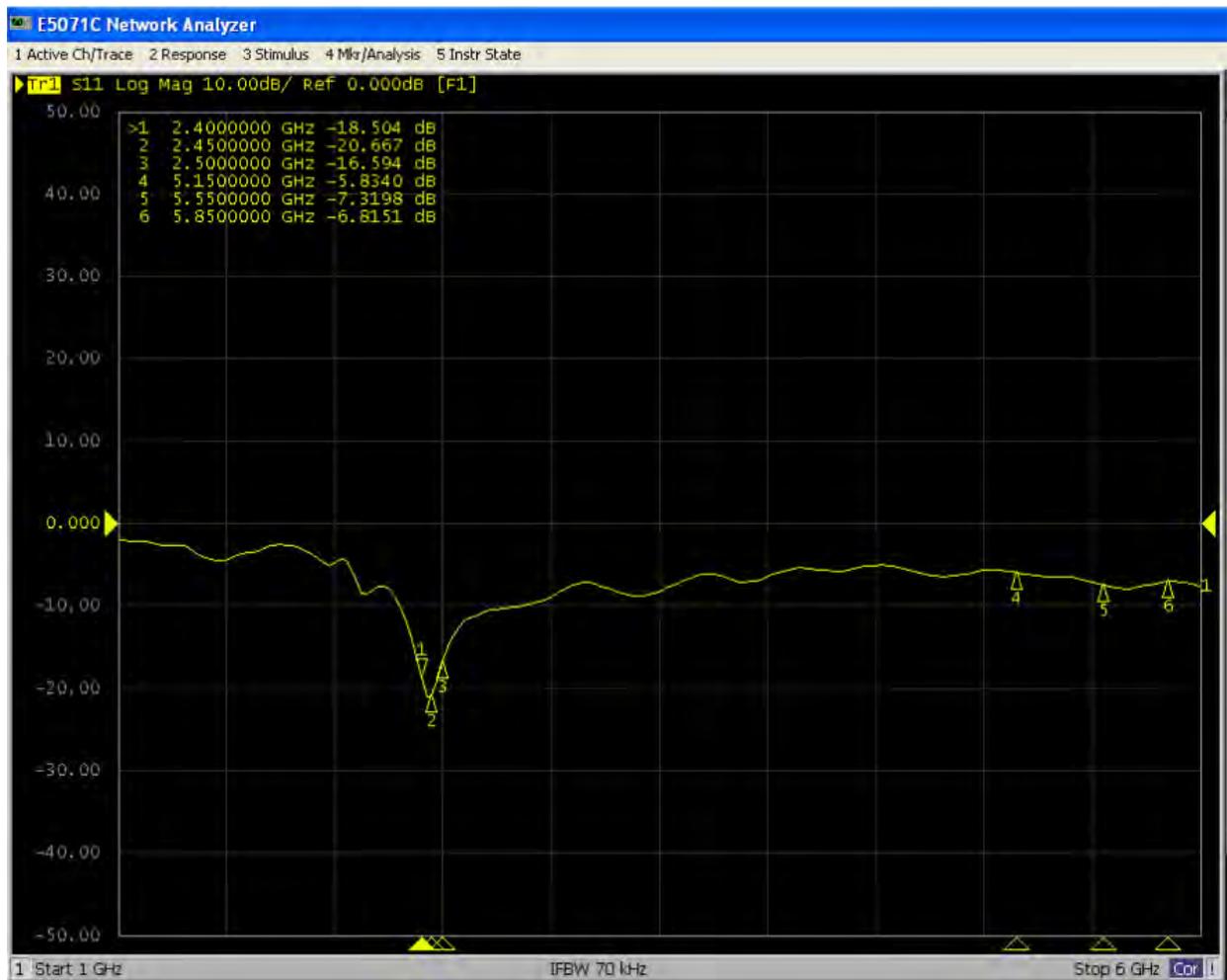
产品主要技术参数

Main technical specifications

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
中心频率 特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	2.55	Gain(dBi)	2.55
反射损耗	≤ -10	Return Loss(dB)	≤ -10
输出电压 驻波比	≤ 1.92	VSWR	≤ 1.92
极化方式	垂直极化	Polarization	Linear, Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	出线	Connector Type	出线
物理性能		Physical Properties	
天线本体材 料	ABS	Antenna Base	ABS
工作温度	$-20^{\circ}\text{C}\sim+60^{\circ}\text{C}$	Operating Temp	$-20^{\circ}\text{C}\sim+60^{\circ}\text{C}$
保存温度	$-20^{\circ}\text{C}\sim+70^{\circ}\text{C}$	Storage Temp	$-20^{\circ}\text{C}\sim+70^{\circ}\text{C}$

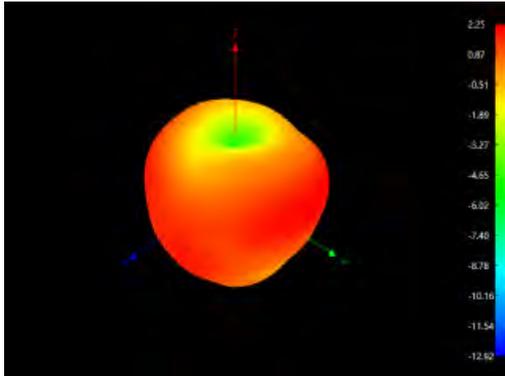
六、测试报告 (Testingreport) :

6.1网络分析仪测试报告 (Network analyzer test report)

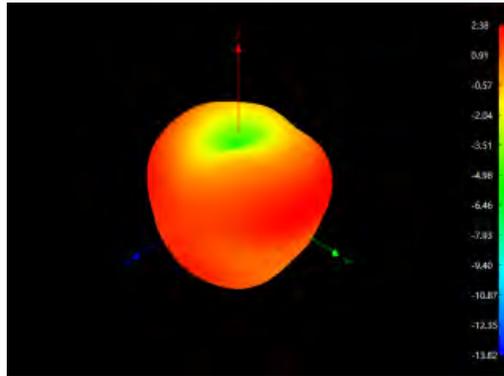


6.2 暗室3D、2DRadiationPattern

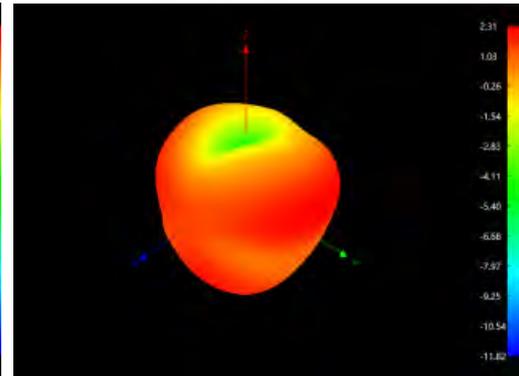
2400MHz



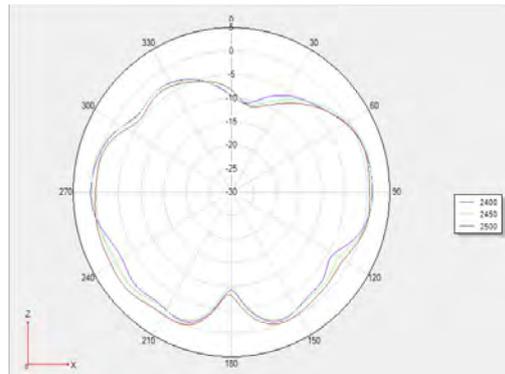
2450MHz



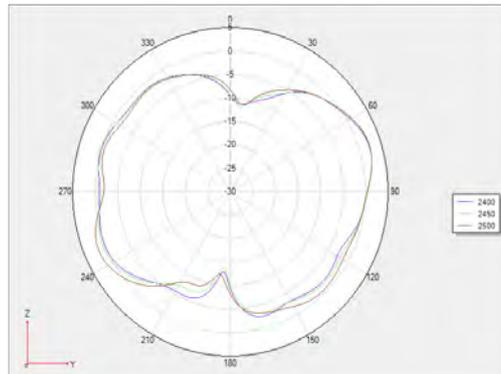
2500MHz



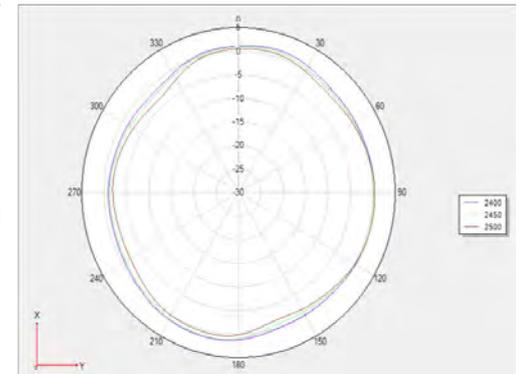
E1



E2



H





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2.4G		
Frequency / MHz	Efficiency / %	Gain/ dBi
2400	70.63	2.25
2410	72.11	2.29
2420	72.95	2.42
2430	72.28	2.24
2440	74.99	2.43
2450	75.16	2.38
2460	74.13	2.44
2470	75.51	2.54
2480	75.34	2.55
2490	73.96	2.39
2500	72.78	2.31