

研发审批表单-硬件

受控

东胜物联

审批编号: 202408220020

申请人	王绪晋	申请人部门	硬件研发/硬件部/硬件1部
提交时间	2024/8/22 14:40	当前审批状态	已通过
申请内容			
项目部门	东胜	表单类型	关键元器件选型
备注	1.使用附件替换3-6-9-100120RK的规格书。 2.更新内容说明：添加天线长度公差。 3.描述不做更新。 4.库存处理方式：自然切换。		
工艺/工序	组装类	实际点数	无
附件	SFANT12E15164.pdf		
审批流程-已通过			
审批节点	审批人	操作记录	
东胜研发审批技 术人员 已同意	翁海佳	已同意 8/22 14:41	
直接部门负责人 已同意	唐旭武	已同意 8/22 14:43	
审批人(或签) 已同意	王燕娜	已同意 8/22 16:21	
供应链总负责人 (德清公司负责 人) 已同意	方勇华	已同意 8/22 16:26	
东胜研发审批技 术人员 已同意	翁海佳	已同意 8/22 16:38	
抄送人 已抄送	何泽龙共1人 已抄送 8/22 16:38		
抄送人 已抄送	王燕娜、 鲁俊锋、 唐旭武、 欧佳亮、 李飞、 金轶刚共6人 已抄送 8/22 16:38		
备注信息			



深圳市鑫尔盛科技有限公司

ShenZhen XinErSheng Technology Co.,Ltd

承认书

SPECIFICATION FOR APPROVAL

客户名称: 东胜物联

产品名称: 4G 圆筒大吸盘天线 L=1M,公头公针

客户料号: _____

厂商料号: SFANT12E15164

送样数量: 5PCS

日期: 2021年11月25日

客户承认:

确认 ORGANIZER	审核 CHECK	批准 APPROVAL

深圳市鑫尔盛科技有限公司
ShenZhen XinErSheng Technology Co.,Ltd

制定 ORGANIZER	审核 CHECK	核准 APPROVAL
Biao	LiSen	Amy



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产品主要技术参数

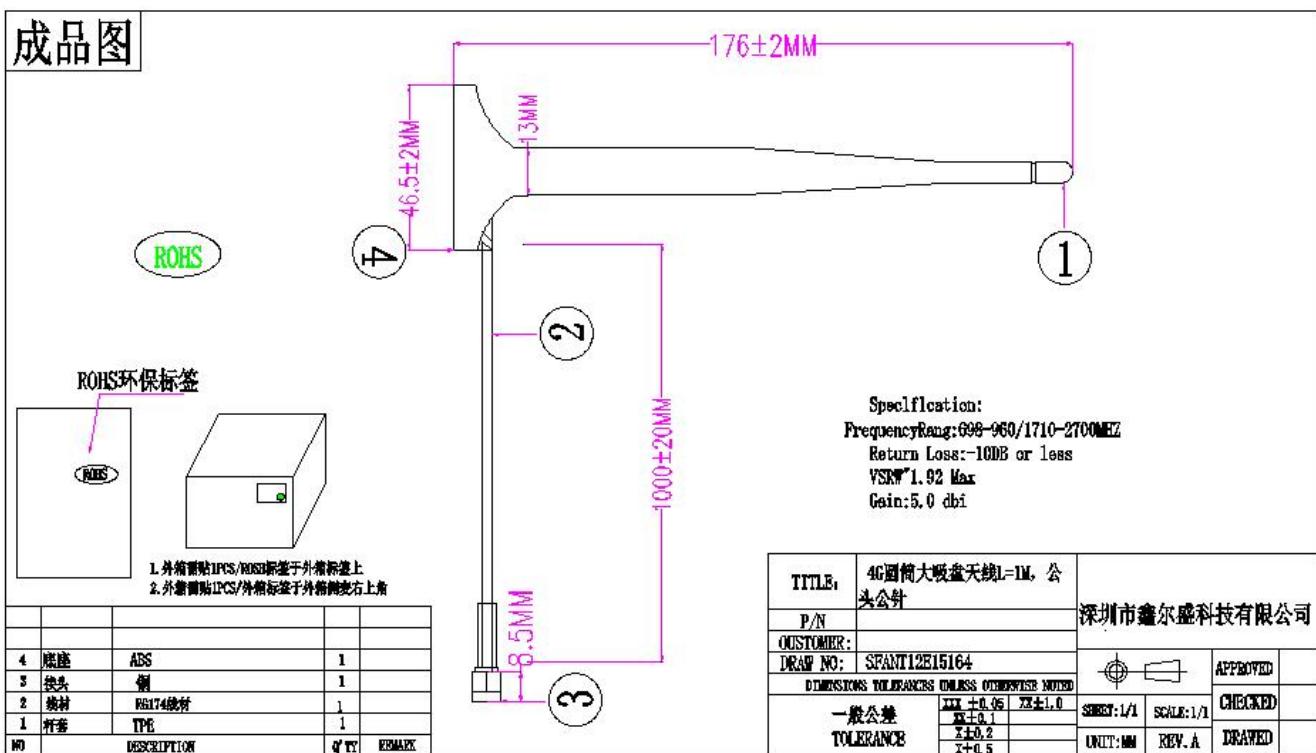
主要技术参数		Main technical specifications	
频率范围 (MHZ)	698-960/1710-2700	Frequency Range(MHZ)	698-960/1710-2700
中心频率 特性阻抗 (Ω)	50±10	Impedance(Ω)	50±10
增益 (dBi)	4±1	Gain(dBi)	4±1
反射损耗	≤-10	ReTurnLoss(dB)	≤-10
输出电压驻波比	≤1.92	VSWR	≤1.92
最大功率	1W	Admitted Power	1W
极化方式	垂直极化	Polarization	Linear Vertical
连接方式	SMA	Connector Type	SMA
物理特性		Physical Properties	
天线本体材料	ABS	Antenna Base	ABS
工作温度	-20°C-+60°C	Operating Temp	-20°C-+60°C
保存温度	-20°C-+70°C	Storage Temp	-20°C-+70°C



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产品图纸

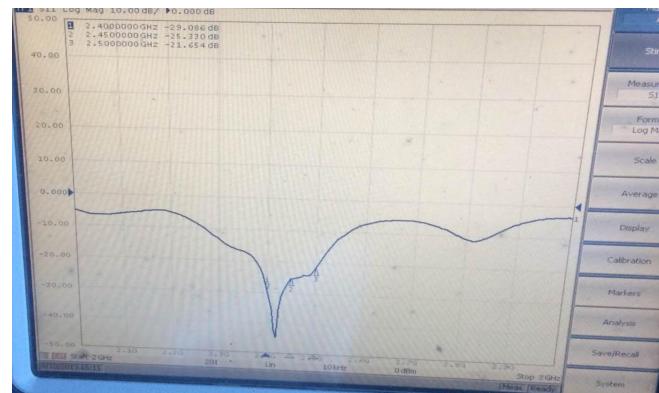
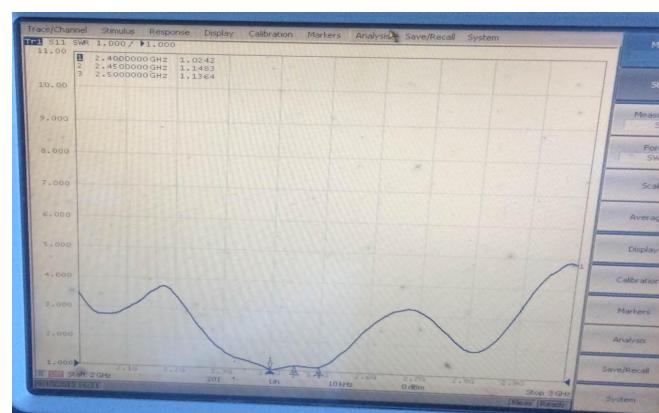
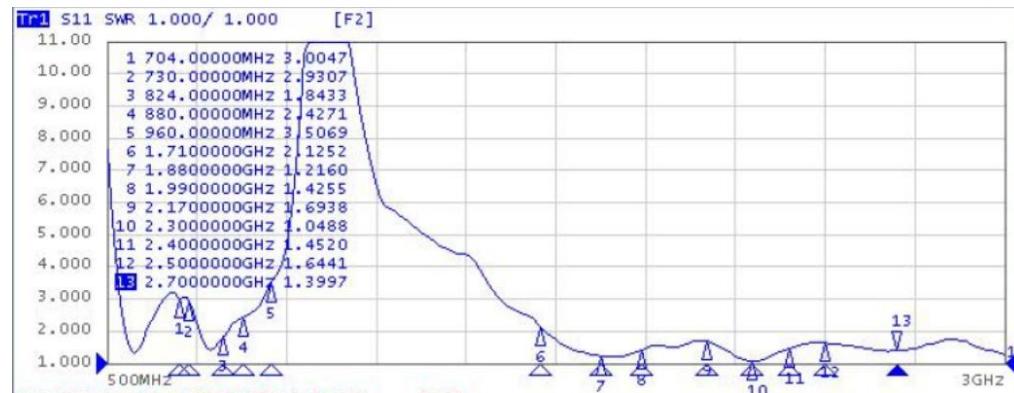




深圳市速飞科技有限公司

ShenZhen SuFei Technology Co.,Ltd

产品主要技术参数

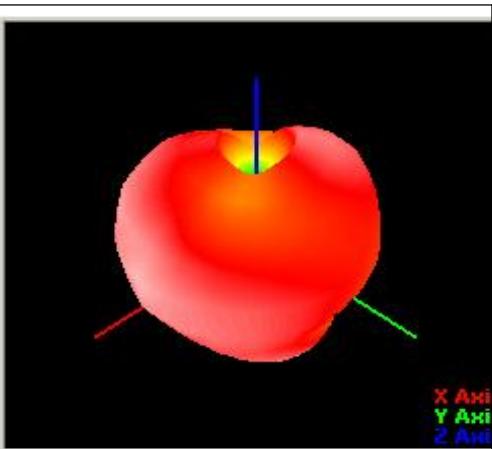
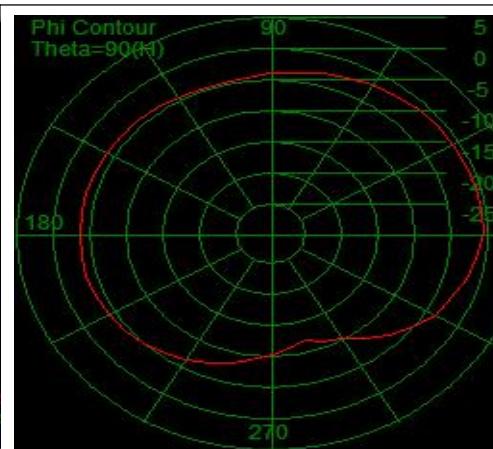
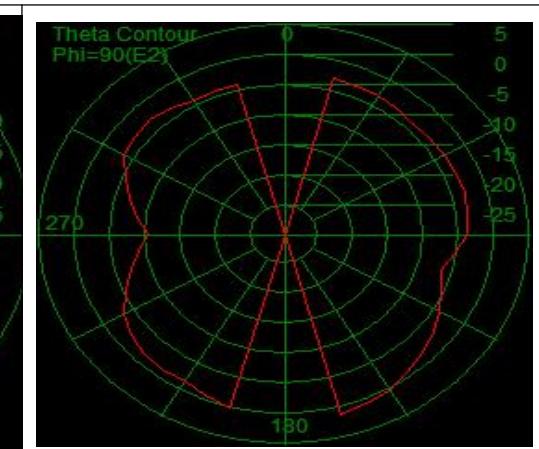
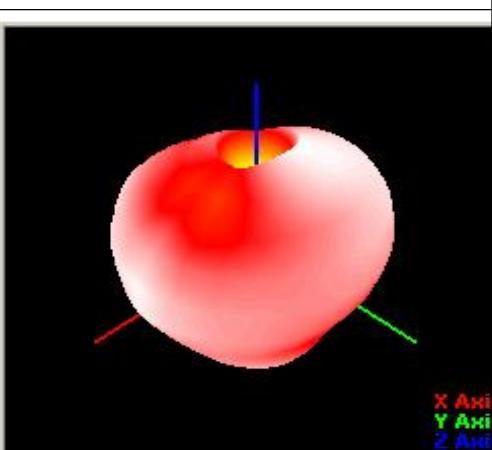
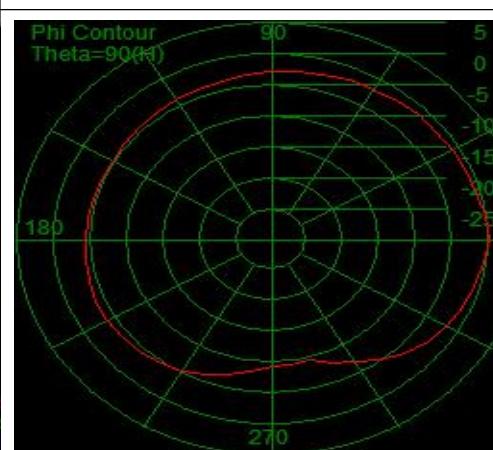
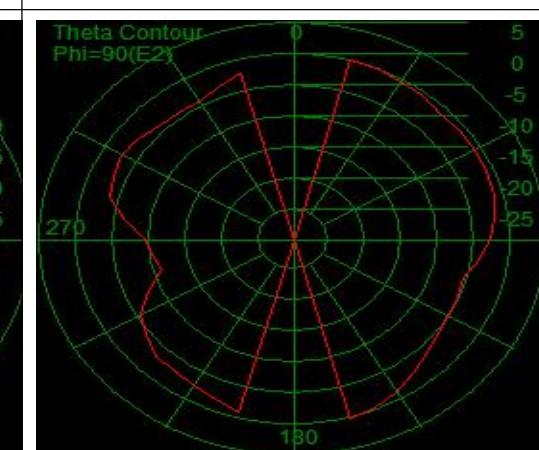
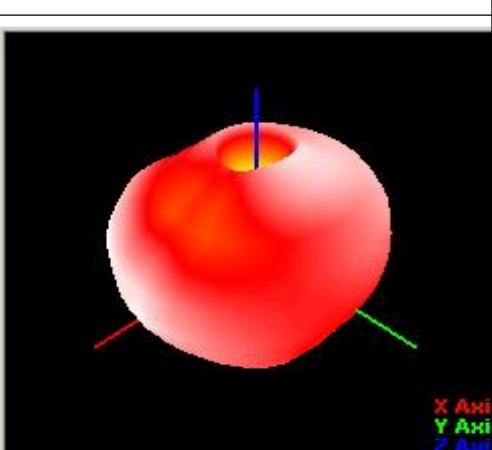
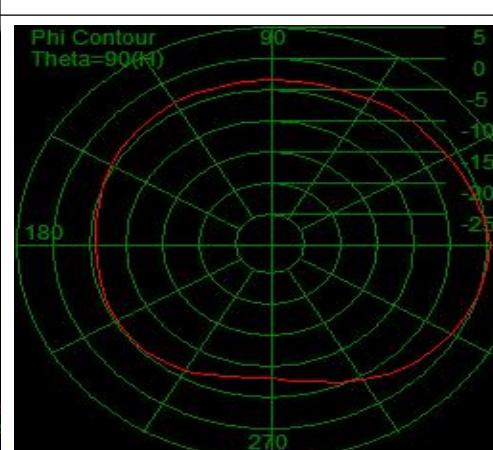
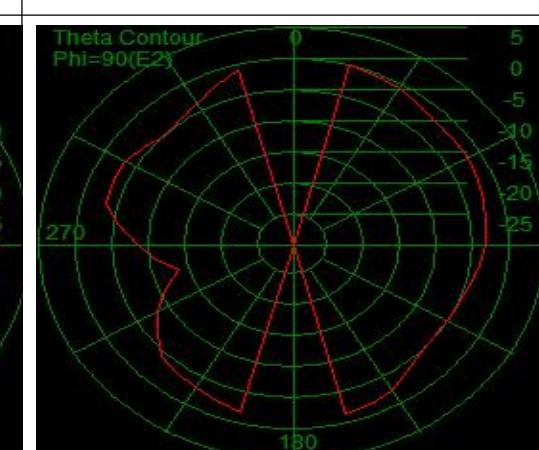




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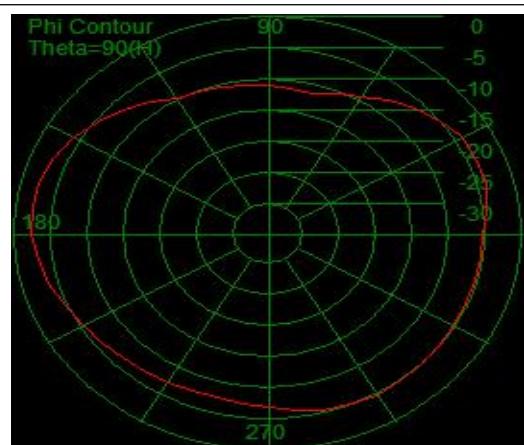
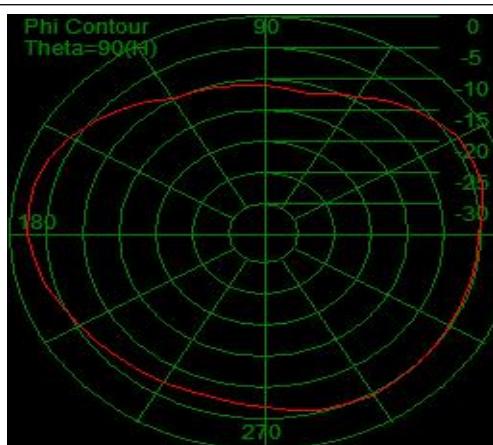
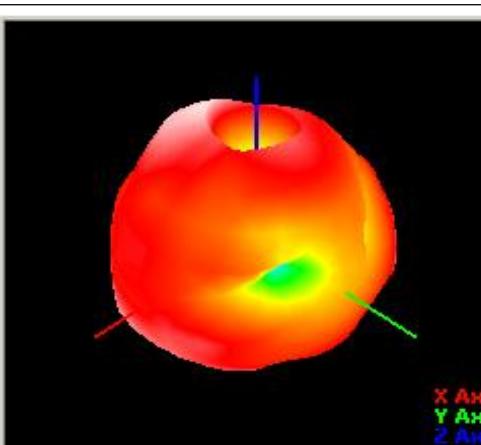
2D、3DRaditation Pattern

	 Phi Contour Theta=90(H1)	 Theta Contour Phi=90(E2)
700M (频率)	Gain(Peak):-0.06dBi(增益)	Efficiency:31% (效率)
	 Phi Contour Theta=90(H1)	 Theta Contour Phi=90(E2)
760M (频率)	Gain(Peak):-1.03dBi(增益)	Efficiency:30.1% (效率)
	 Phi Contour Theta=90(H1)	 Theta Contour Phi=90(E2)
860M(频率)	Gain(Peak):-0.85dBi(增益)	Efficiency:33.6% (效率)



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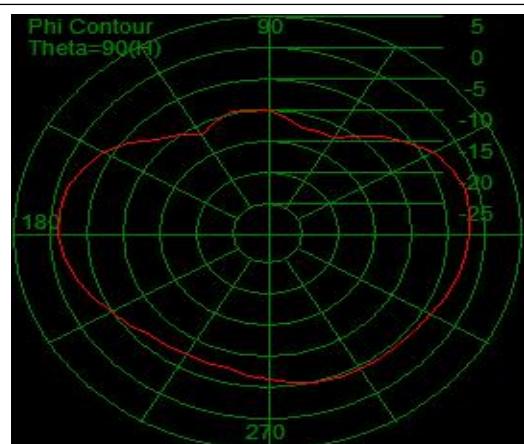
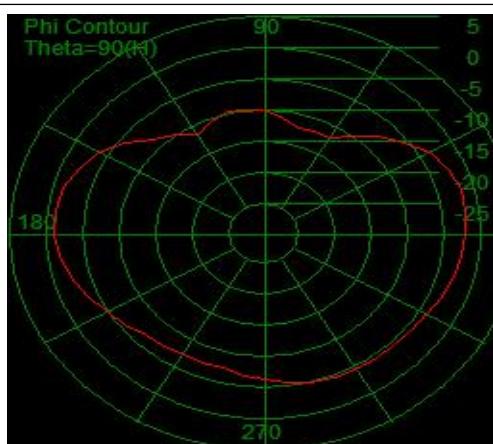
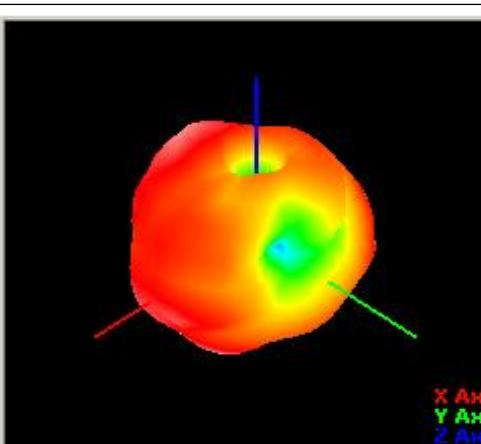
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960M (频率)

Gain(Peak):0.54dBi(增益)

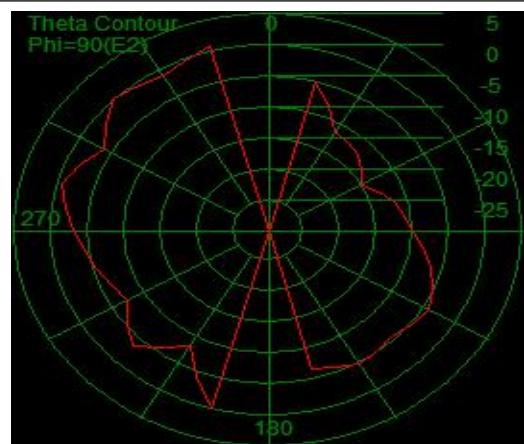
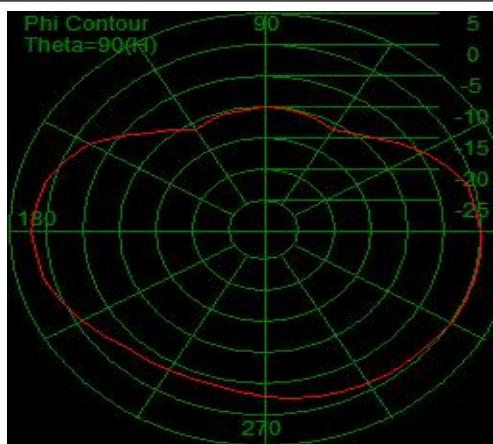
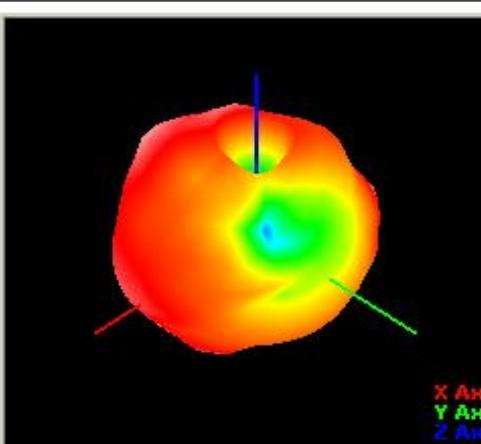
Efficiency:43.3% (效率)



1700M (频率)

Gain(Peak):5.31dBi(增益)

Efficiency:77% (效率)



1900M (频率)

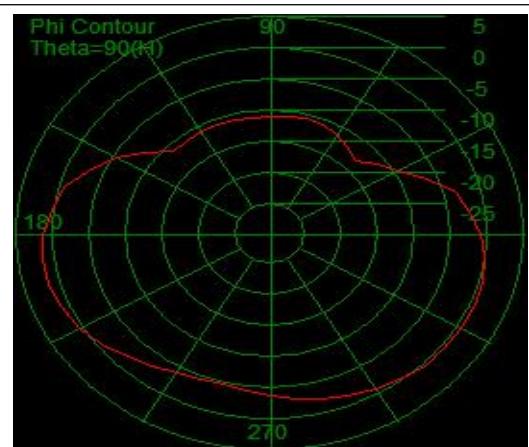
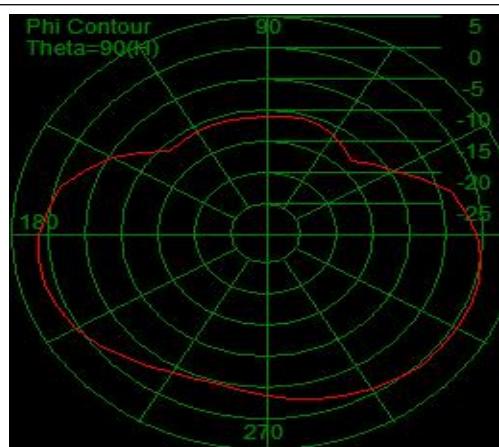
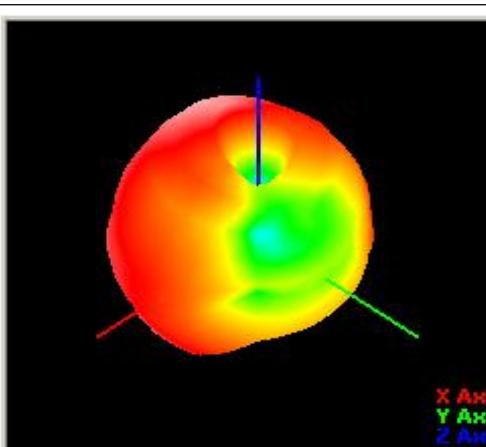
Gain(Peak):3.78dBi(增益)

Efficiency:54% (效率)



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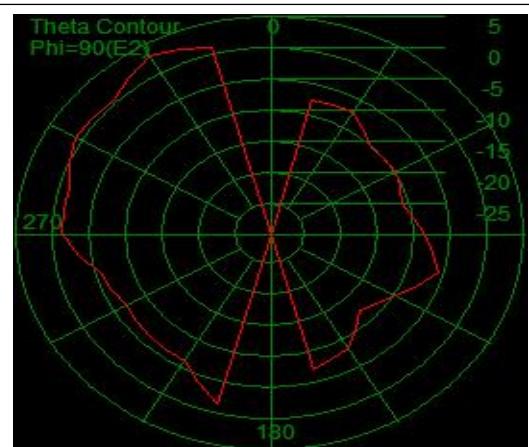
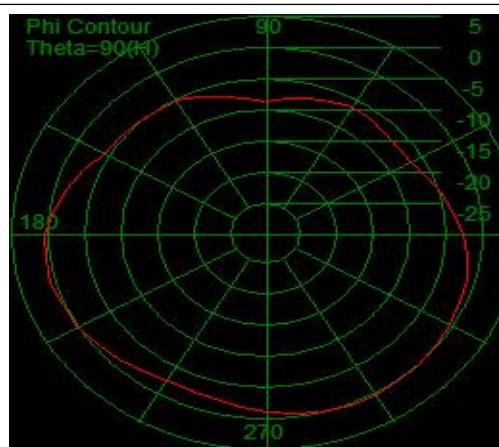
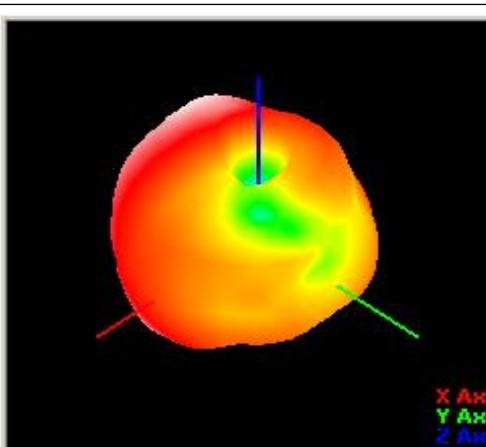
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2100M (频率)

Gain(Peak):3.72dBi(增益)

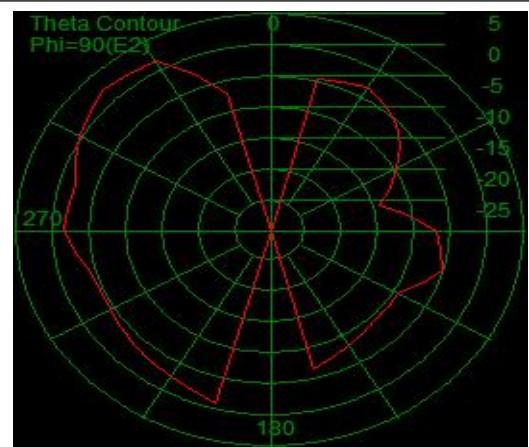
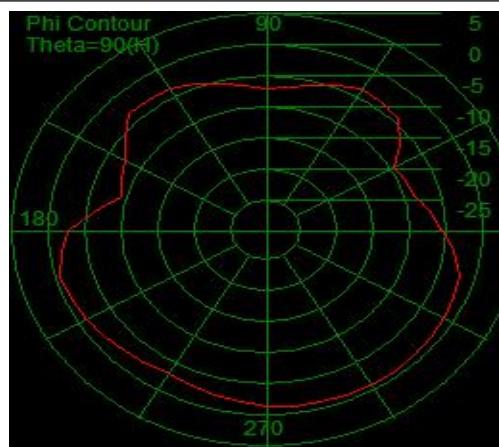
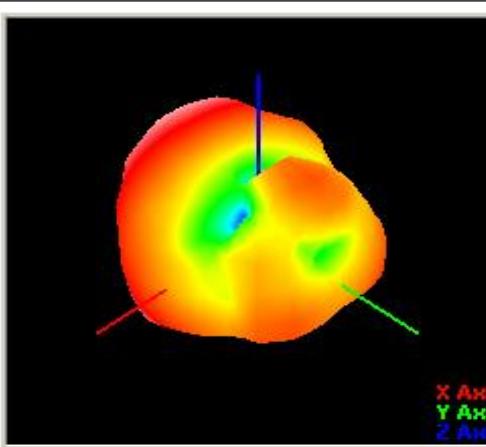
Efficiency:51.6% (效率)



2300M (频率)

Gain(Peak):2.2dBi(增益)

Efficiency:51% (效率)



2700M (频率)

Gain(Peak):0.08dBi(增益)

Efficiency:45.6% (效率)