



深圳市昱晟通讯设备有限公司

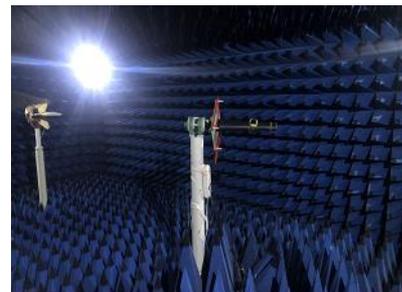
Yusheng Communications-equipment Co.,LTD

微佳信息M4009L天线测试报告

射频：贺磊

日期：2022-10-12

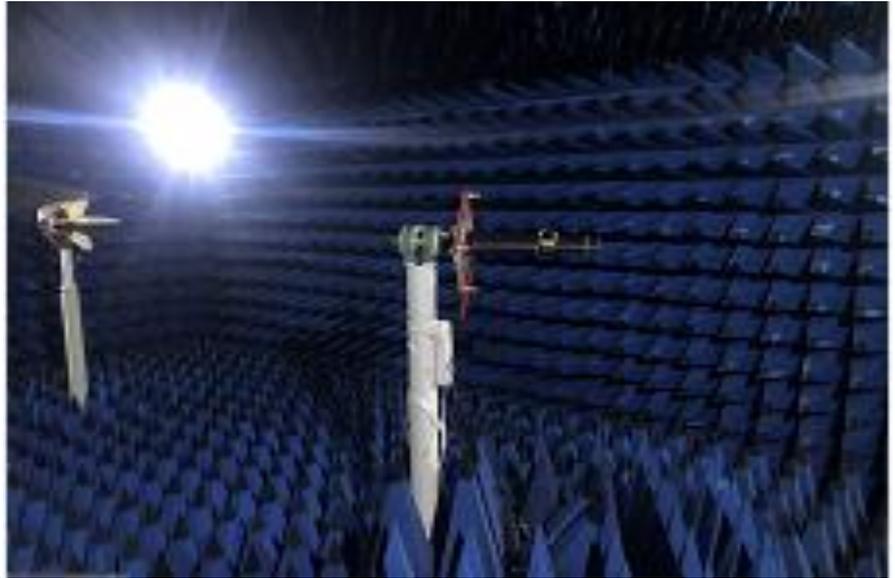
联系方式：15767667652





项目开发环境

我们正在从互联网时代迈向智能时代，国家在构建数字社会与智慧城市。未来的5-10年无论是消费电子市场还是物联网市场都存在着巨大的发展潜力。无线通讯领域是非常多元化的，未来昱晟依托天线主业的客户平台优势和本身的综合实力，力争为客户提供具有市场竞争力的专业级产品解决方案。



昱晟通讯的产品几乎涵盖所有无线终端设备的天线应用，包括汽车天线、高精度测量测绘天线、无人机地面与卫星数据导航、高精度定位天线、医疗设备无线传输、消费类天线(手机天线、PAD、笔记本电脑天线)，基站/室内分布天线，智能穿戴天线(智能手表、TWS耳机)，安防家居天线以及多种无线数据传输及无线控制的智能设备天线等。

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天线有源参数

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GPS、WIFI实测

5

天线环境处理及改善

6

总结&附加说明

项目调试简介

机 型	手机			
板 型	主板			
频段及天线材质	主天线	频 段		材 质
		2G	GSM850/900/1800/1900	FPC
		3G	WCDMA B1/2/4/5	
	4G	LTE: 2/4/5/12/13/66		
	其他天线	GWB	1575.42MHz/2.450G	FPC
		DRX	1700MHz-2700MHz	FPC
性能要求	按客户要求执行			

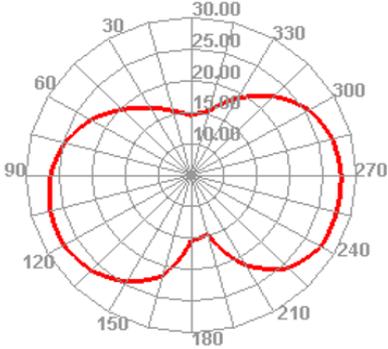


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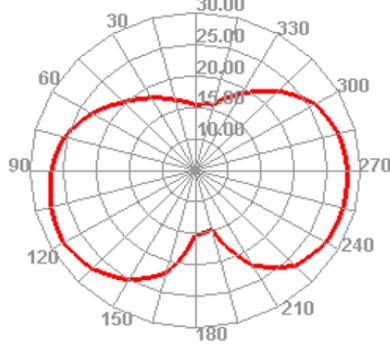
报告版本	报告时间	本次天线研发解决的问题
V1.0	2022-10-8	天线增益报告

苹果图

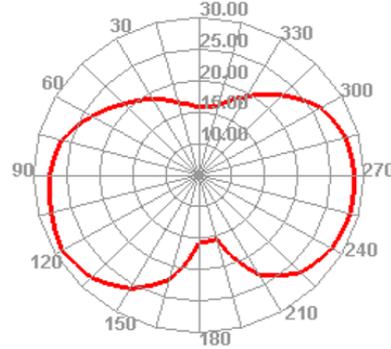
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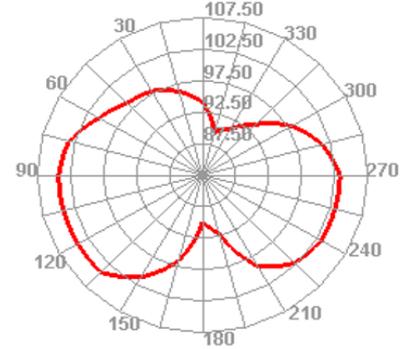
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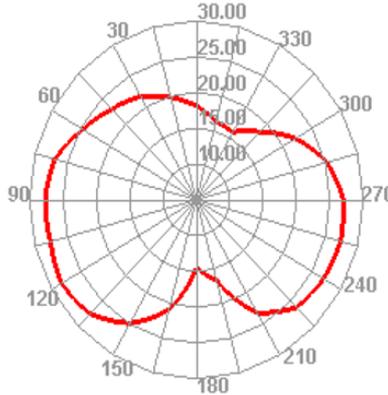
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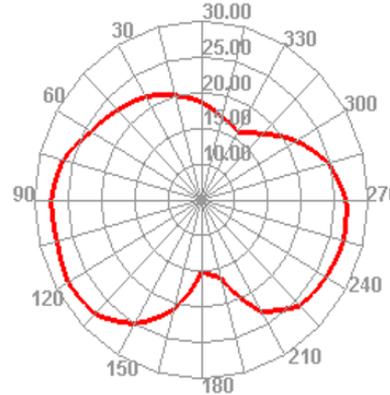
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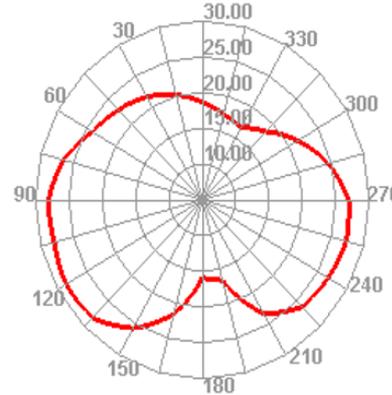
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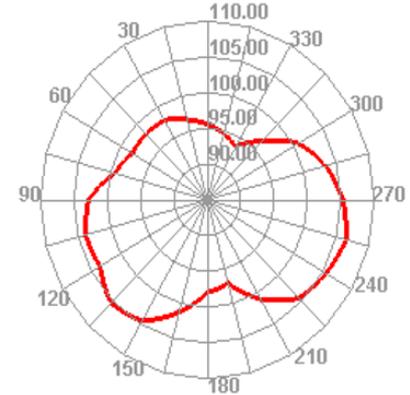
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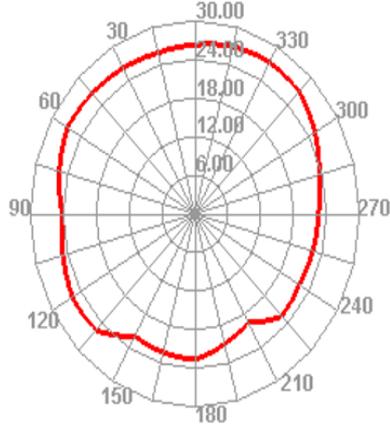


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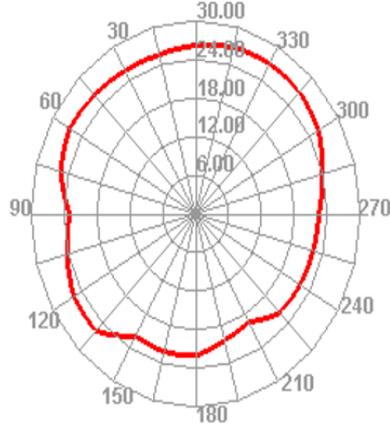


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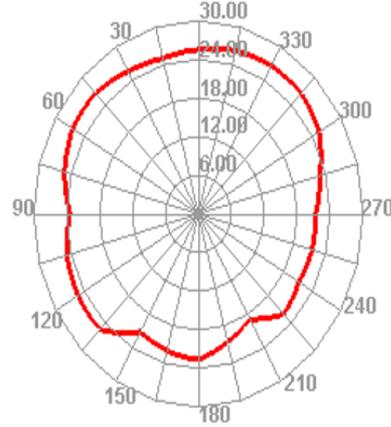
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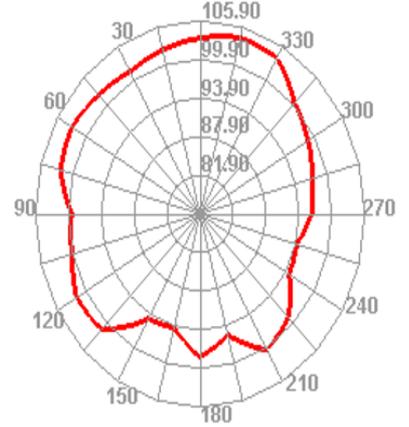
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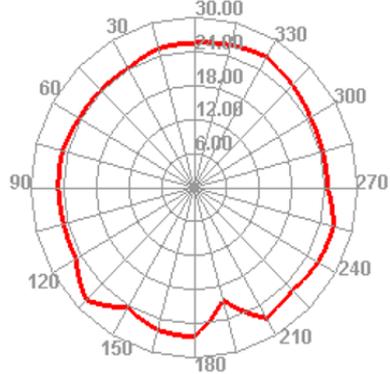
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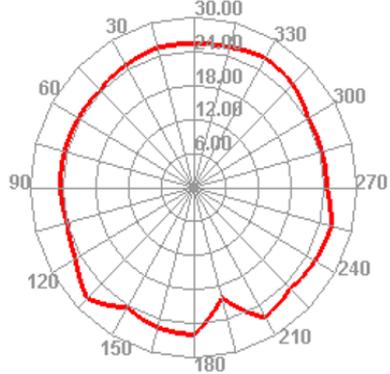
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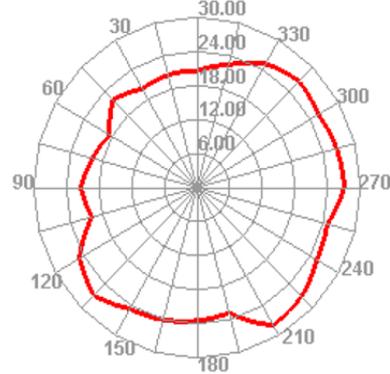
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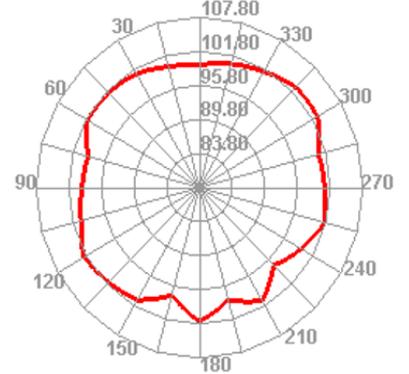
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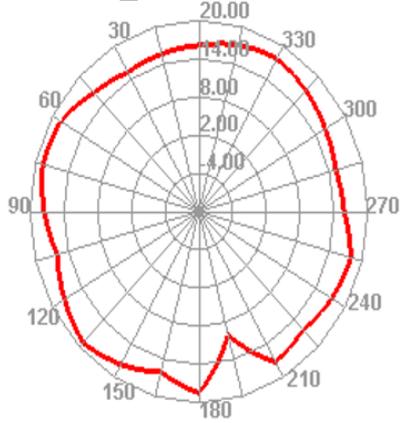


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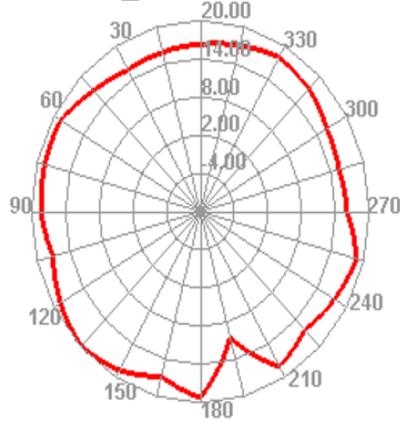


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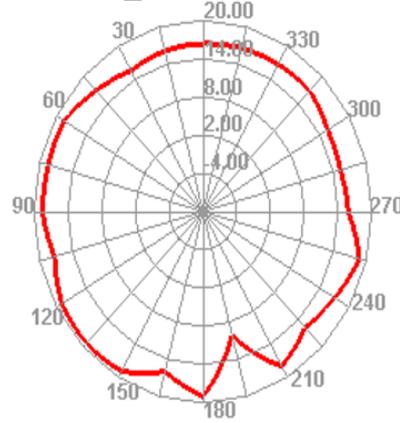
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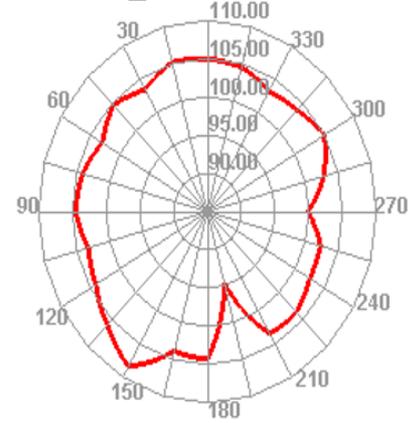
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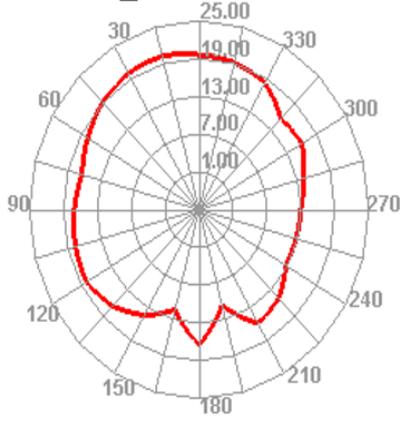
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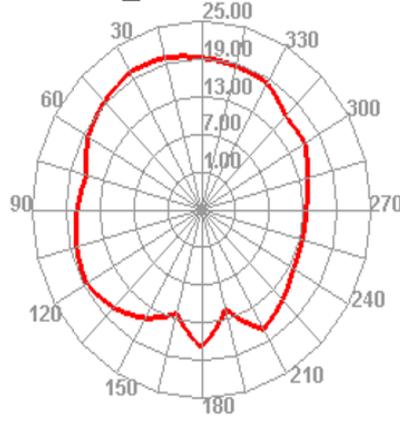
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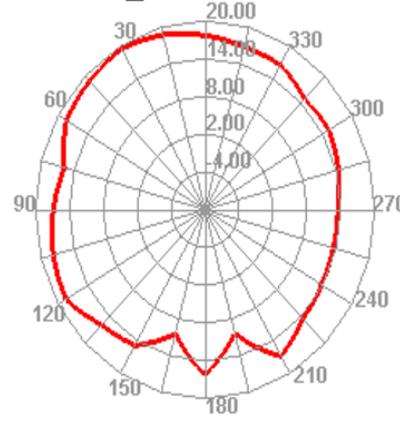
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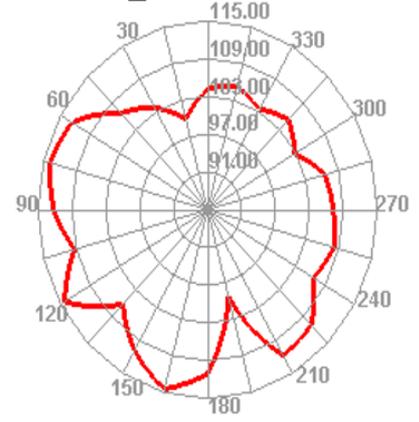
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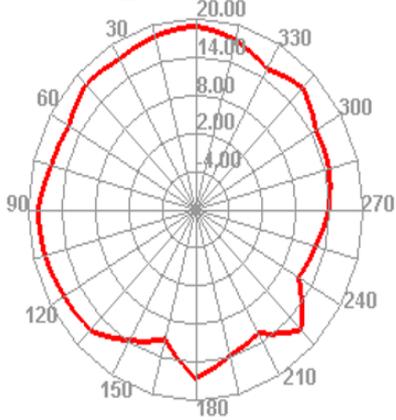


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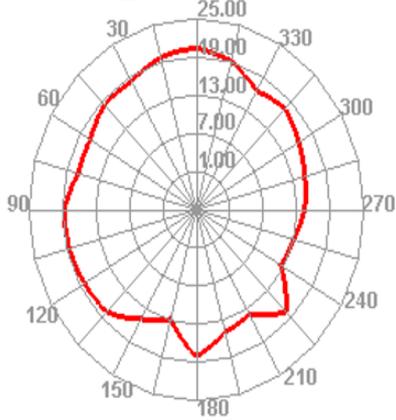


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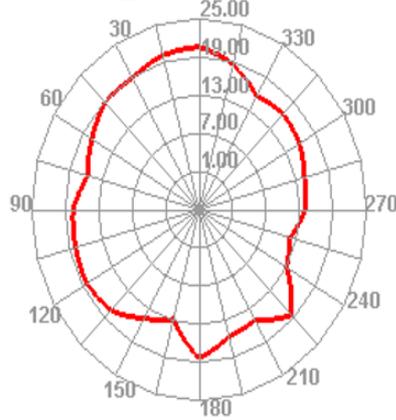
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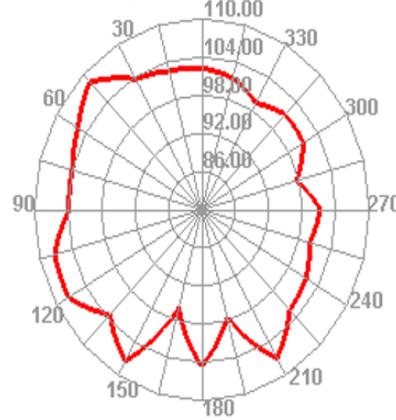
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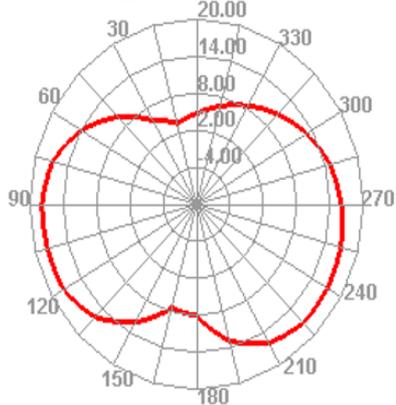
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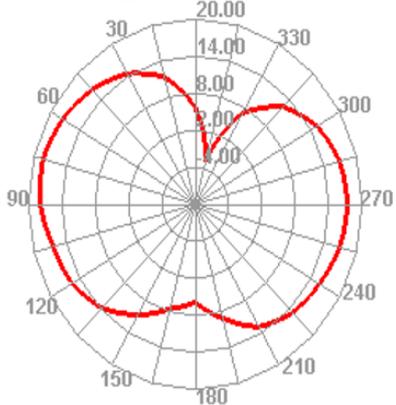
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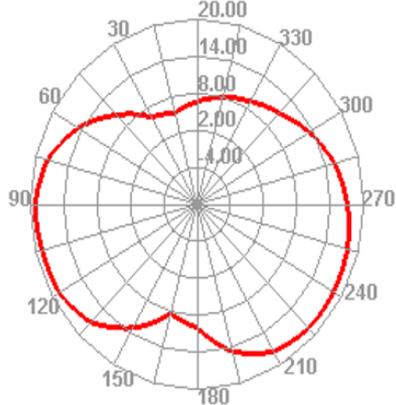
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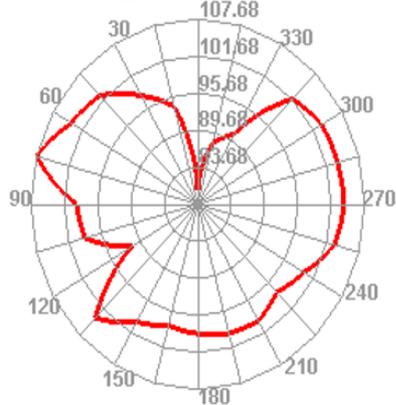
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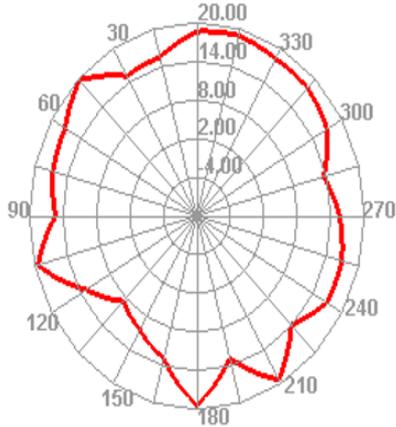


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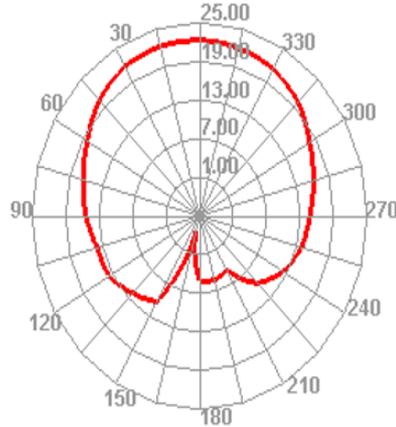


苹果图

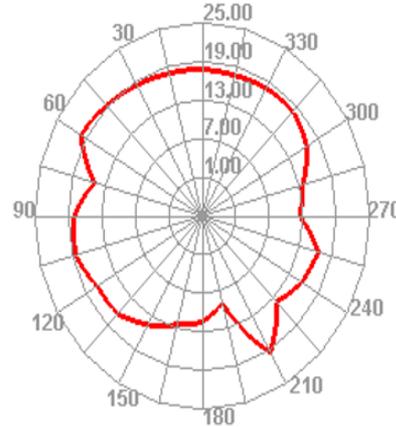
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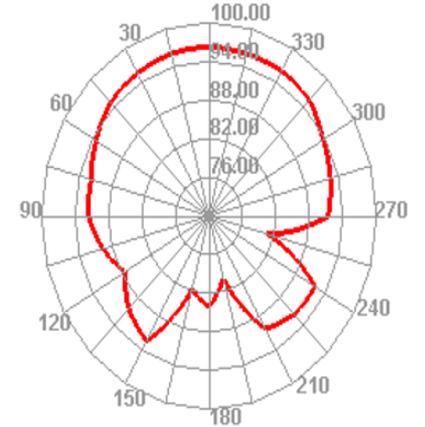
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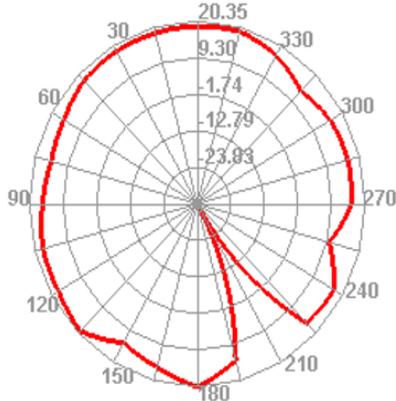
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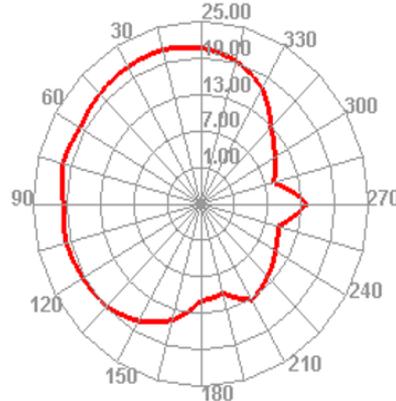
LTE2 1150 TIS Phi=45



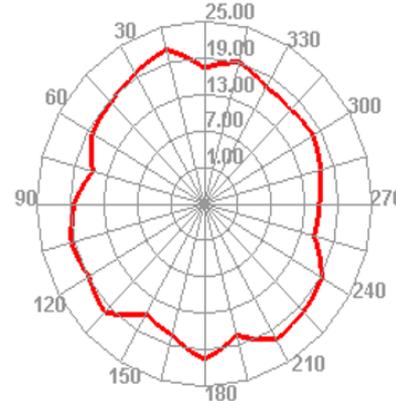
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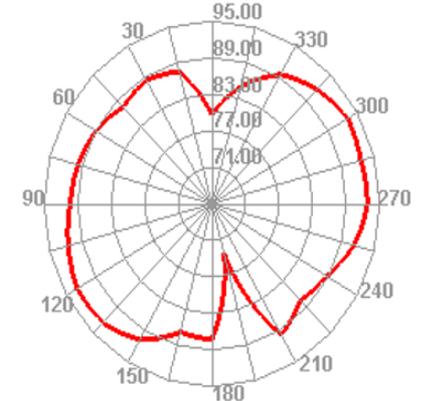
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LTE4 20350 TRP Phi=45

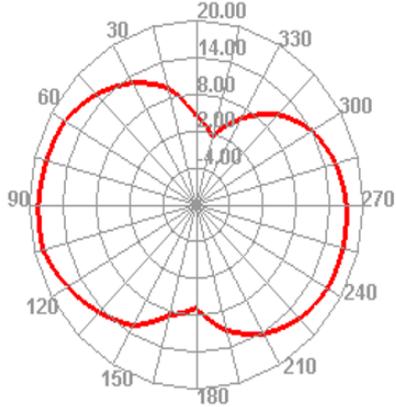


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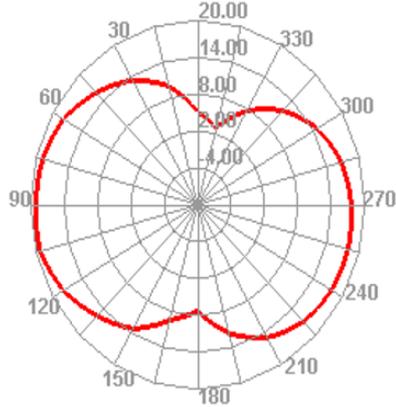


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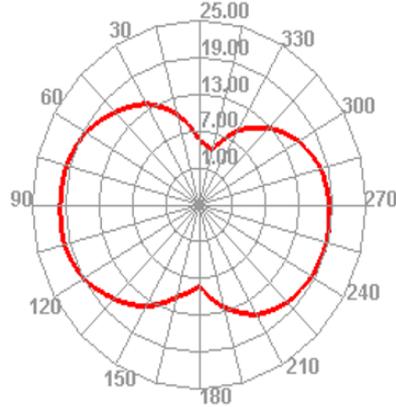
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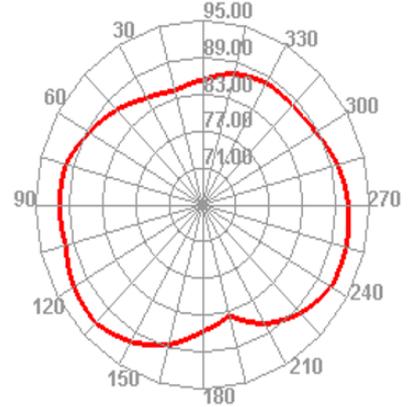
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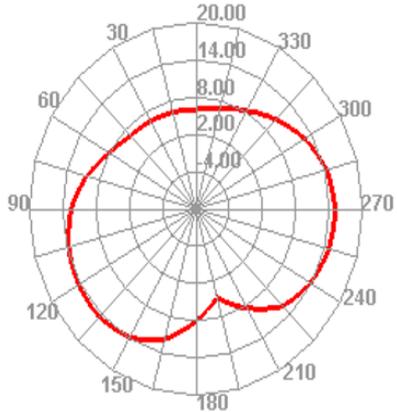
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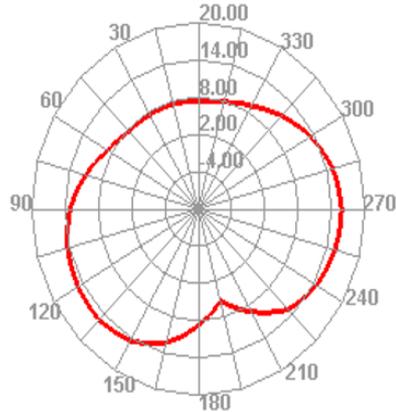
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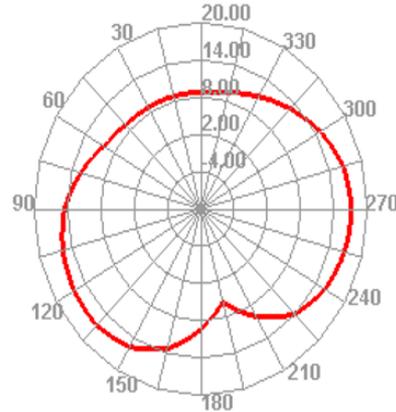
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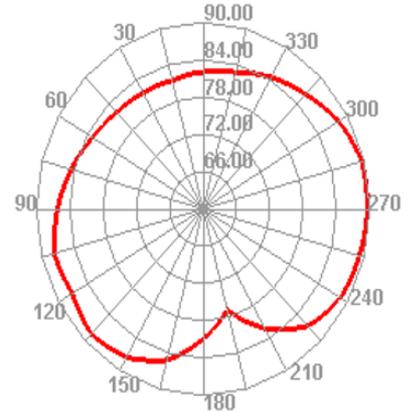
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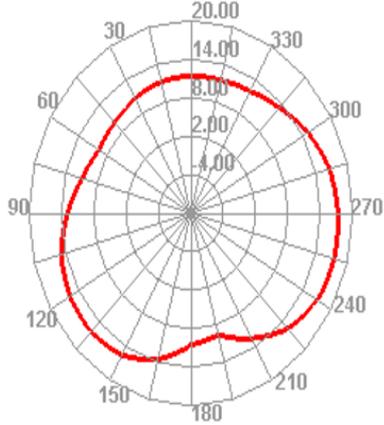


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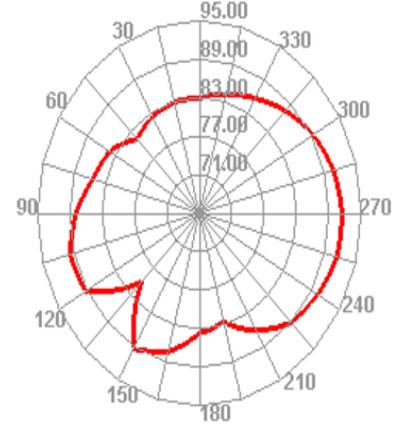


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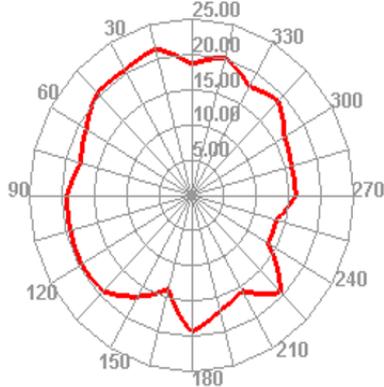
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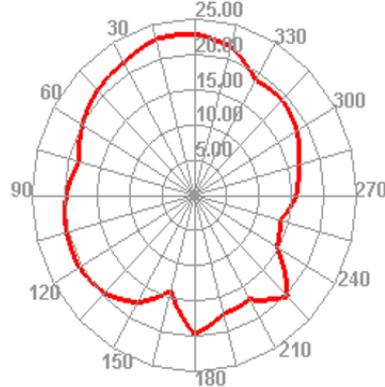
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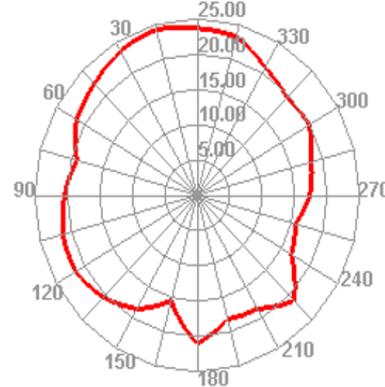
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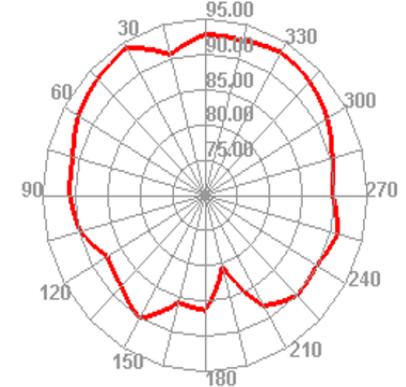
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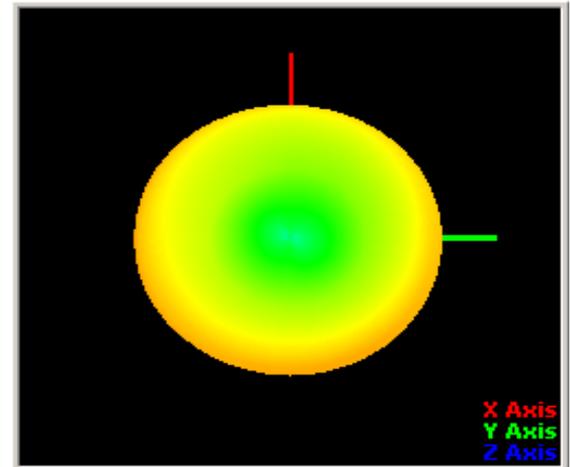
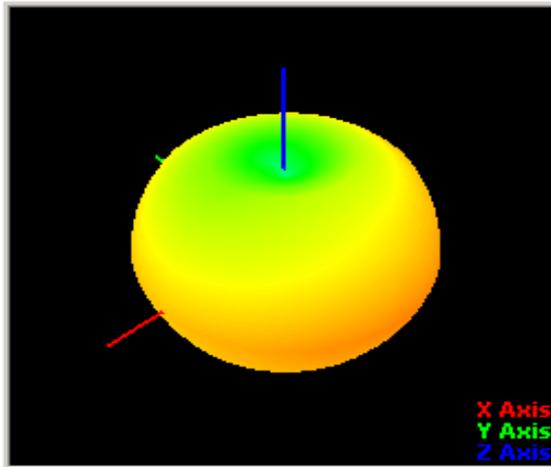
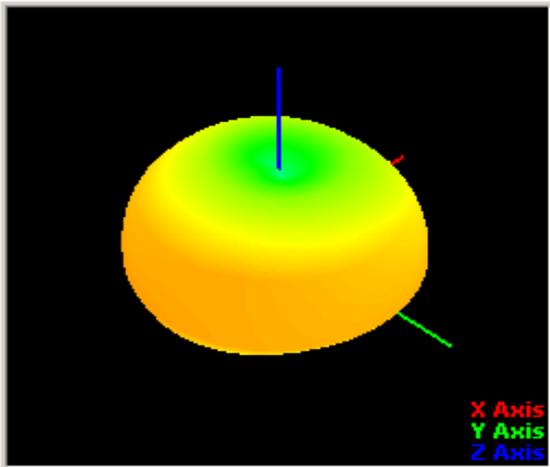
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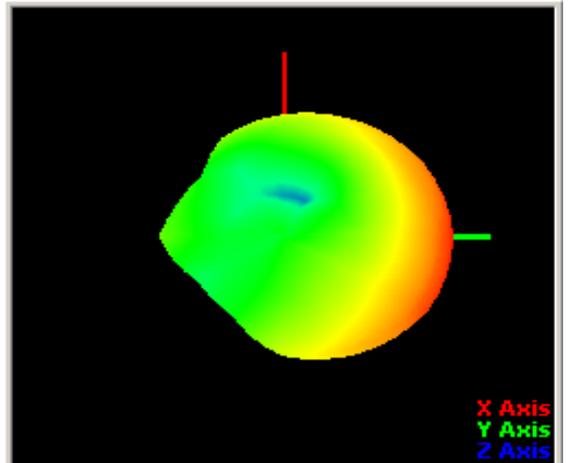
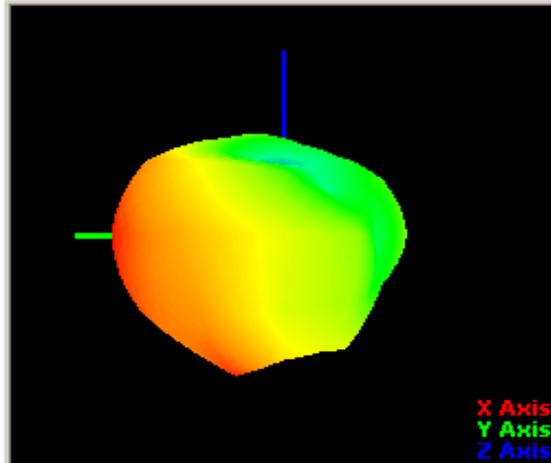
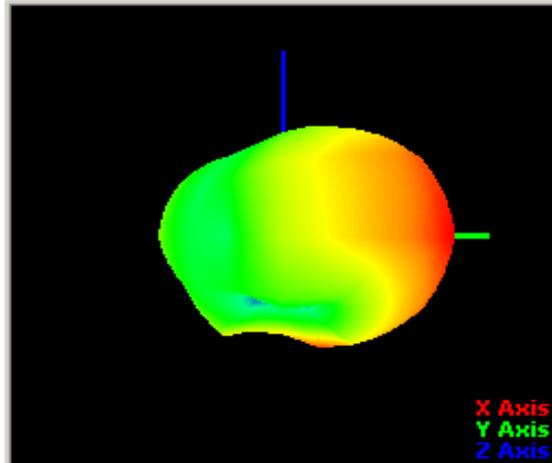
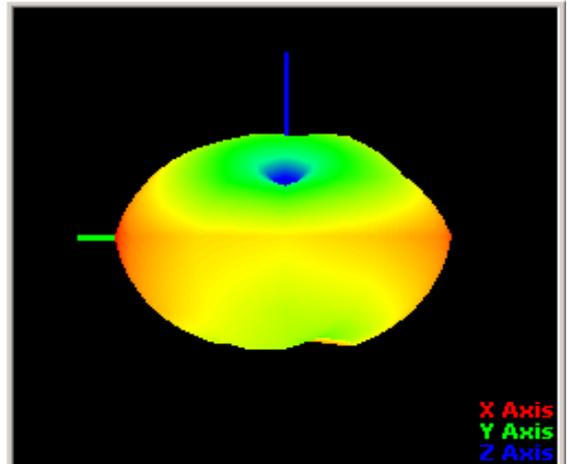
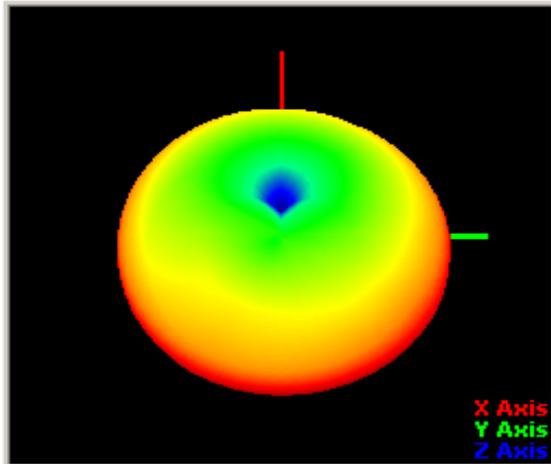
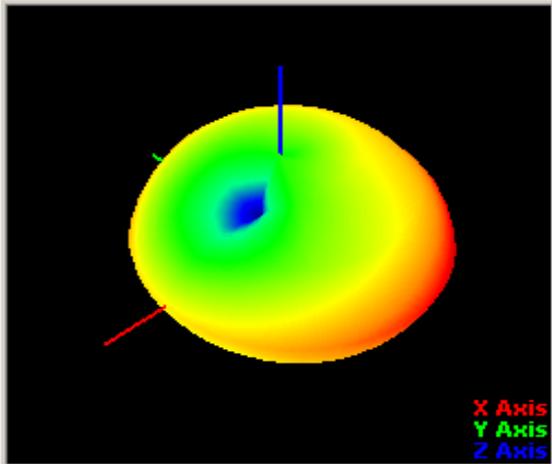
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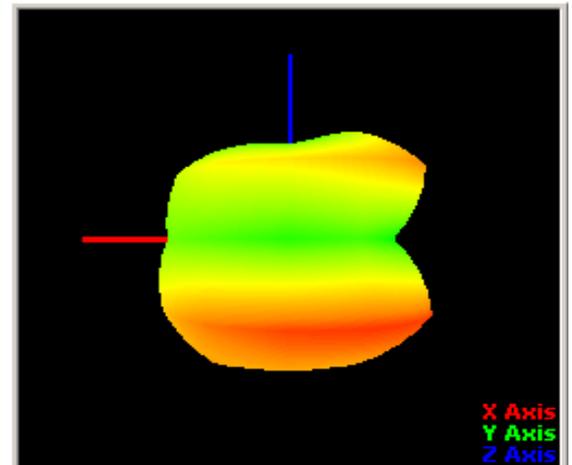
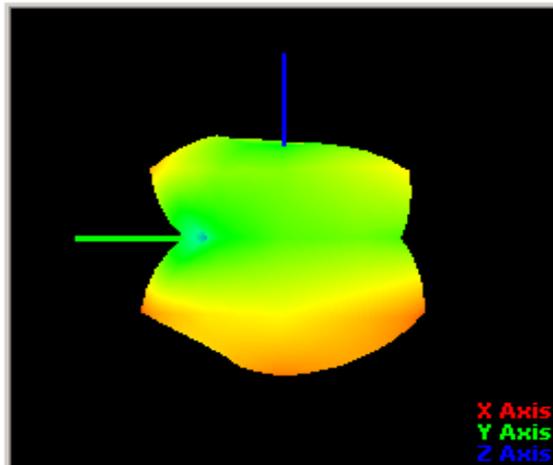
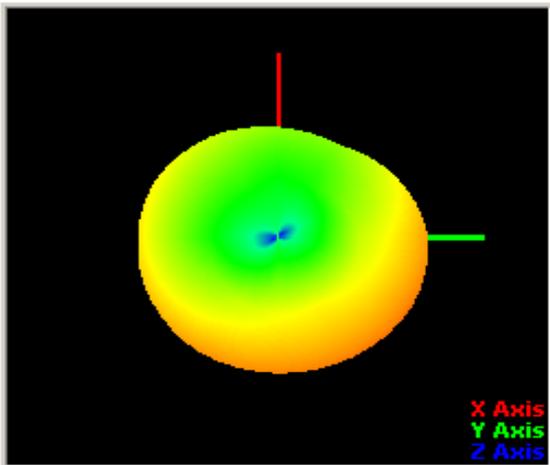
苹果图GSM850/WCDMA850/B5



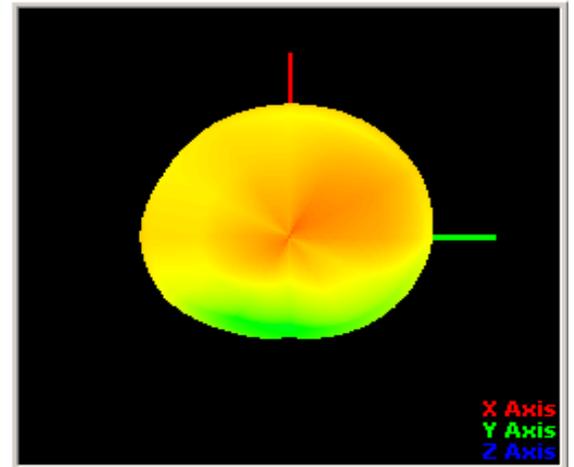
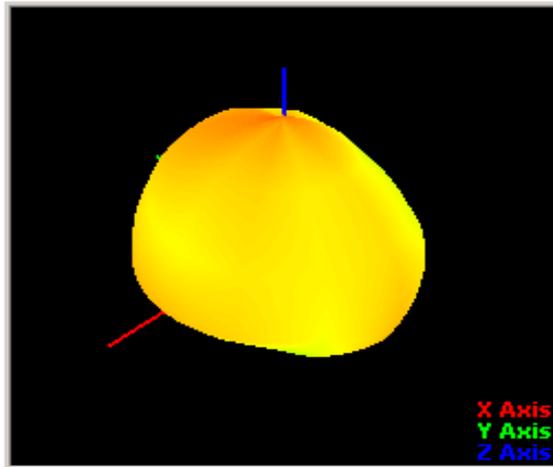
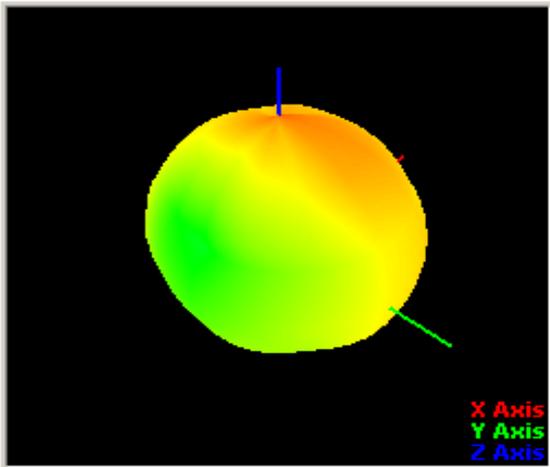
苹果图GSM900/1800



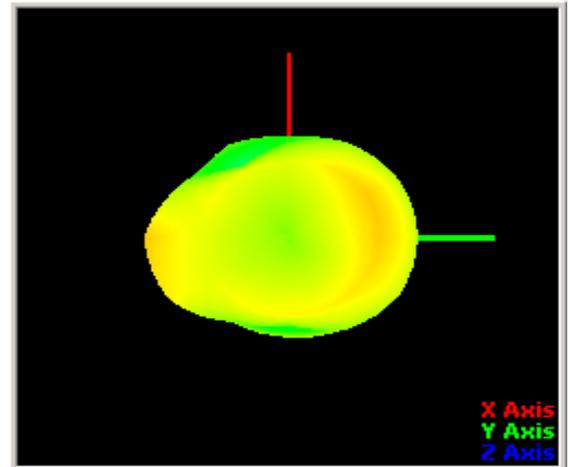
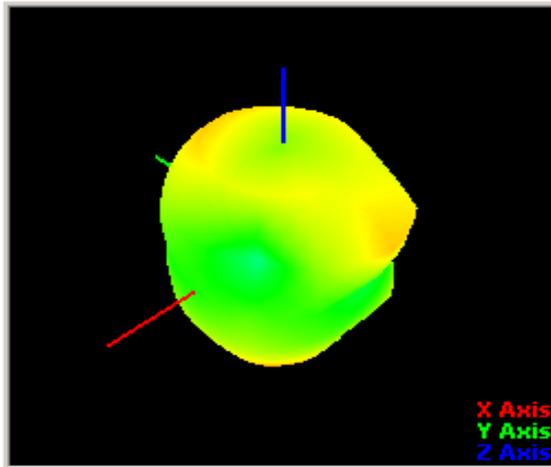
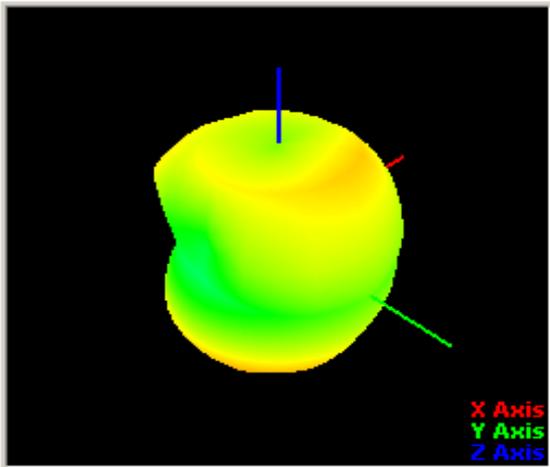
苹果图WCDMA1700/B4/B66



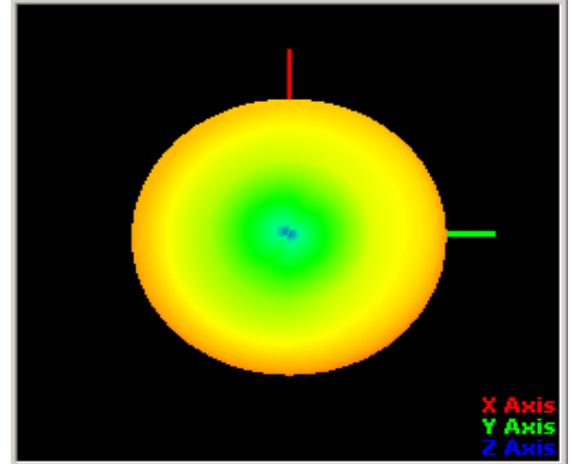
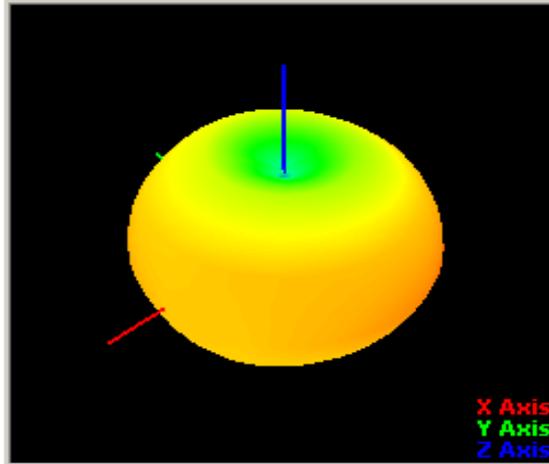
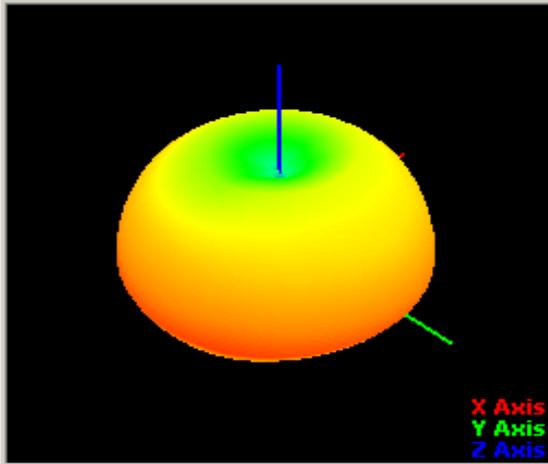
苹果图GSM1900/WCDMA1900/B2



苹果图WCDMA2100



苹果图LTE B12/13



天线增益

Band	Gain (MAX)		
GSM850	1.31	GPS	1.28
EGSM900	1.37	WiFi	1.17
DCS1800	1.23	BT	1.17
PCS1900	1.21		
WCDMA2100	1.47		
WCDMA1900	1.21		
WCDMA850	1.31		
WCDMA1700	1.15		
Band2	1.21		
Band4	1.15		
Band5	1.31		
Band12	1.07		
Band13	1.07		
Band66	1.15		

Thank you!



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