

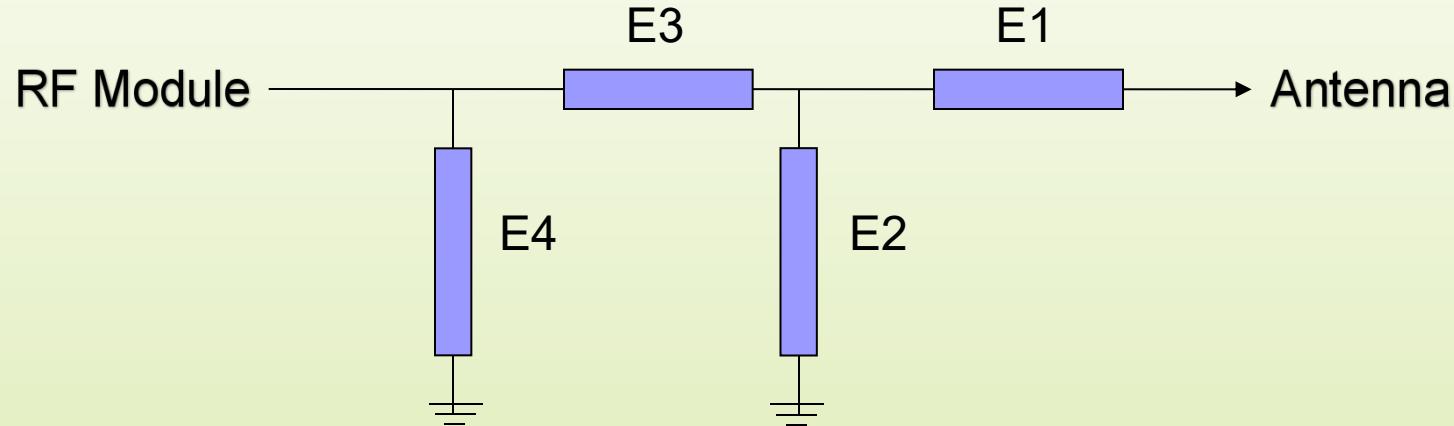


# 深圳市烨盛通讯技术有限公司

Shenzhen Yesheng Communication Technology Co.,Ltd.

## 天线测试报告

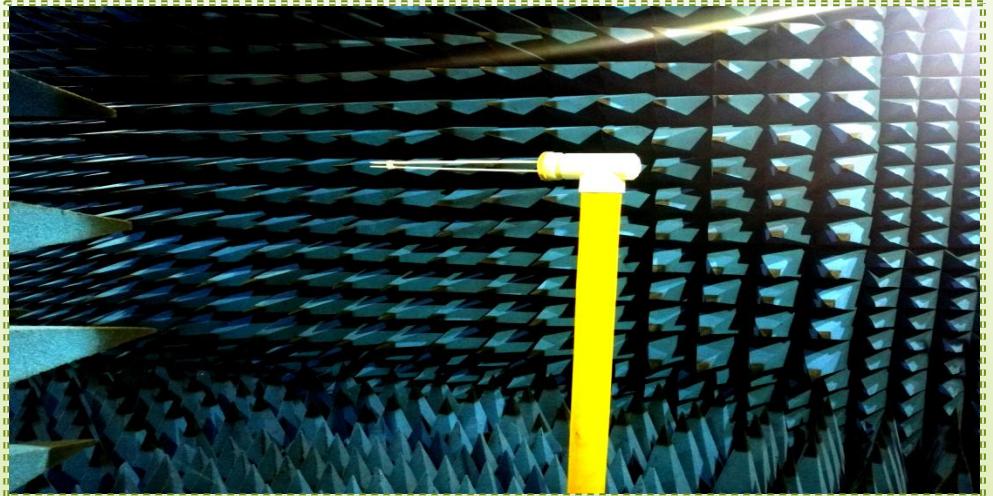
Customer :	Project Name: JL-001
Mobile phone type: 鸡笼电动门	Date: 2022-12-20
Structure mode: FPC+射频线	Antenna type: 内置天线
Frequency Range : WiFi	

**01** Matching circuit

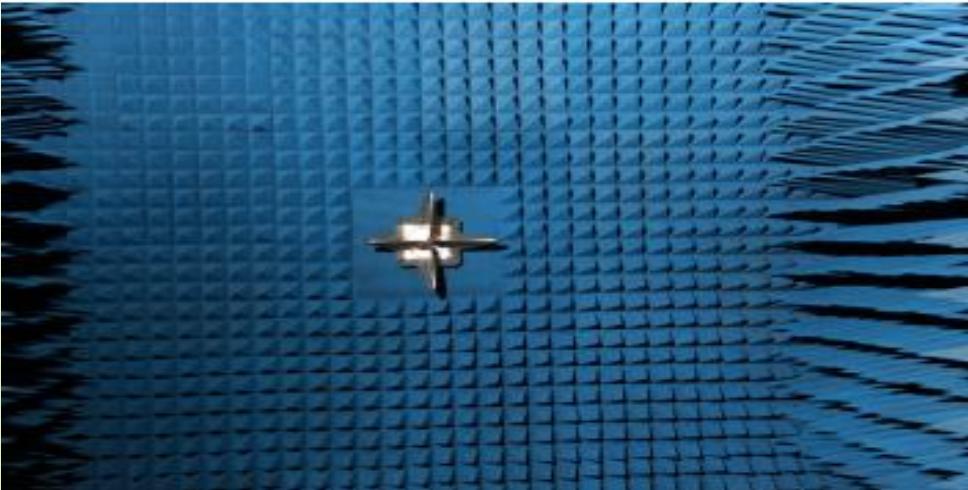
Main antenna		WIFI			
Element	Value	Element	Value	Element	Value
E1(0402)		E1(0402)		E1(0402)	
E2(0402)		E2(0402)		E2(0402)	
E3(0402)		E3(0402)		E3(0402)	
E4(0402)		E4(0402)		E4(0402)	

## 2.0 Test equipment

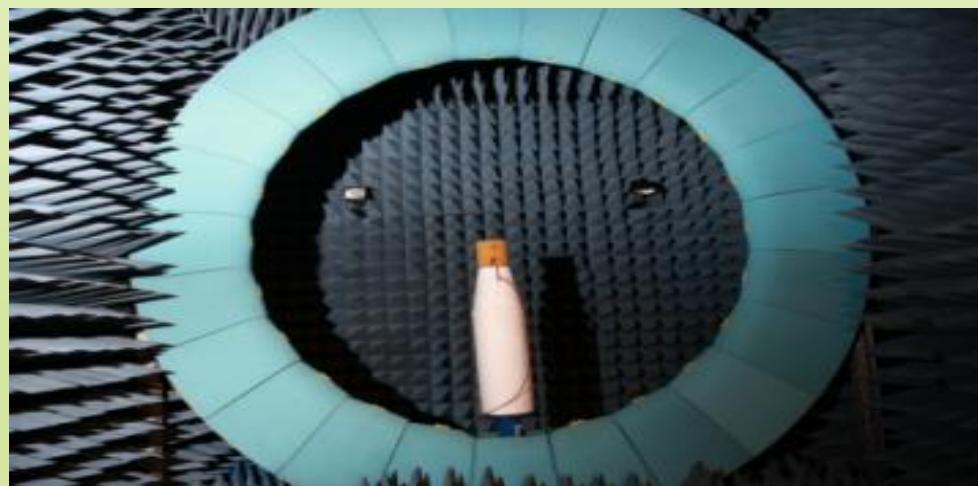
ETS

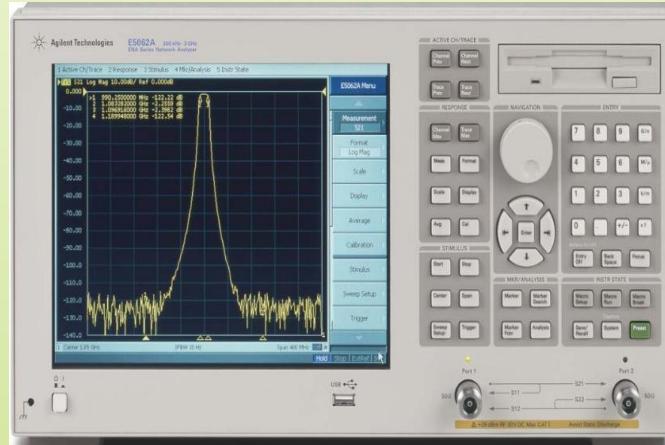


SATIMO--24



罗德斯瓦茨屏蔽箱





测试系统

SATIMO

ETS

有缘测试

支持2G/3G/4G

无源测试

600MHZ——6G

4.0

WSR



## 4.1

## WiFi天线



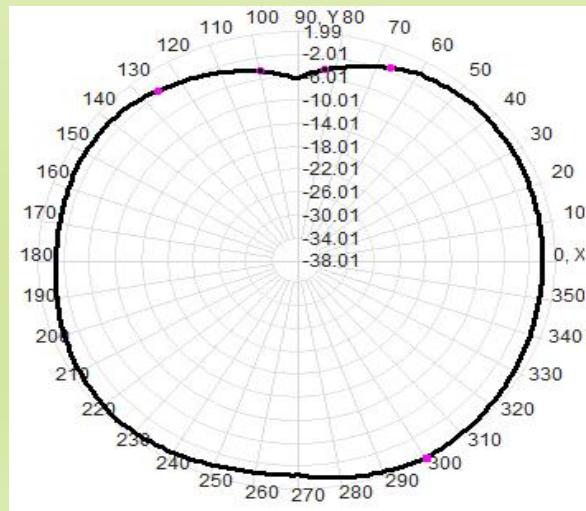
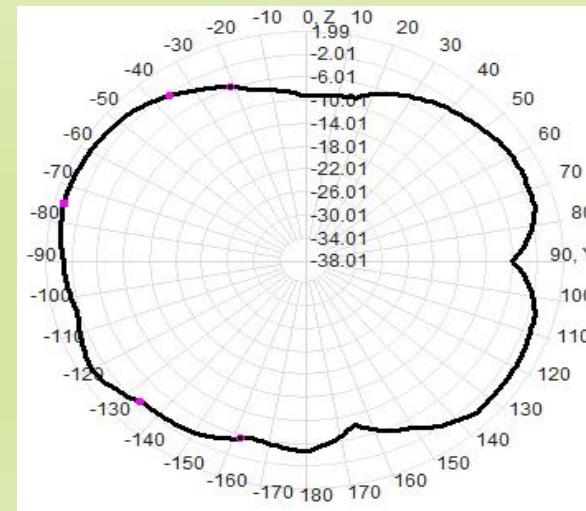
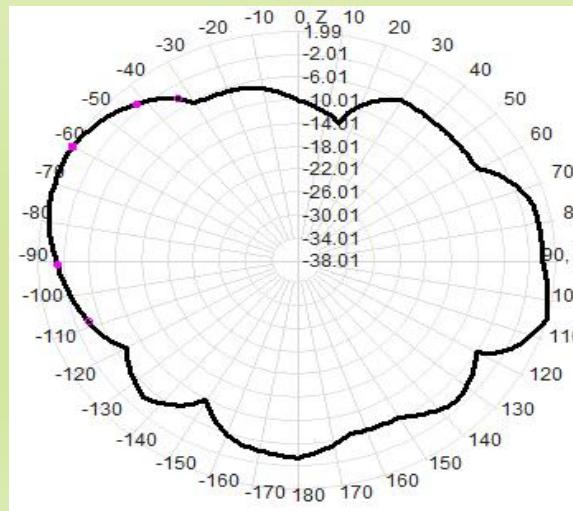
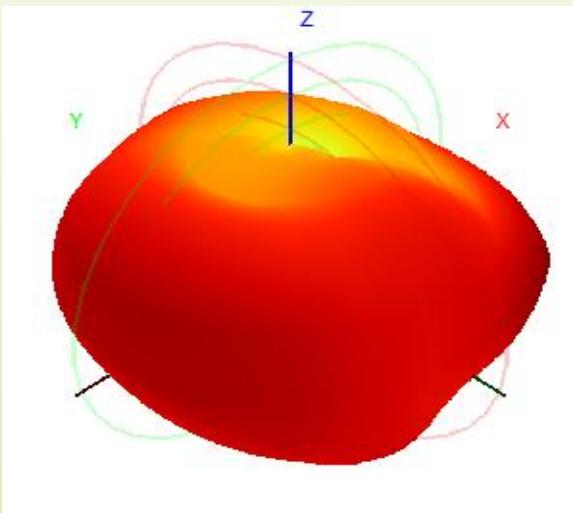
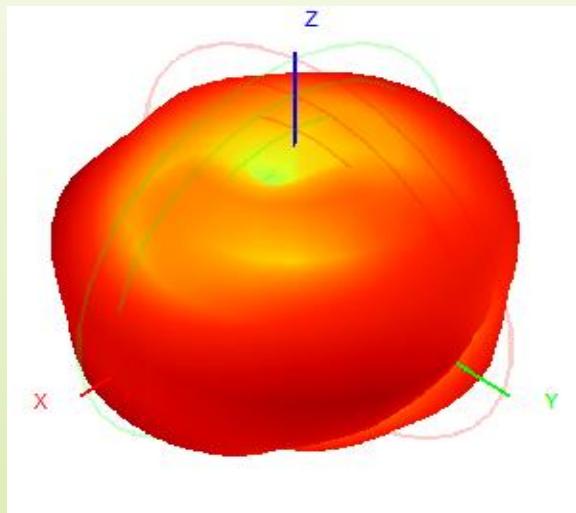
## 5.0 测试数据 WIFI

Band	Channel	TRP	TIS
WIFI2.4G-B- 11Mbps	CH1	13.4	-85.8
	CH7	13.7	-85.1
	CH13	13.9	-85.2

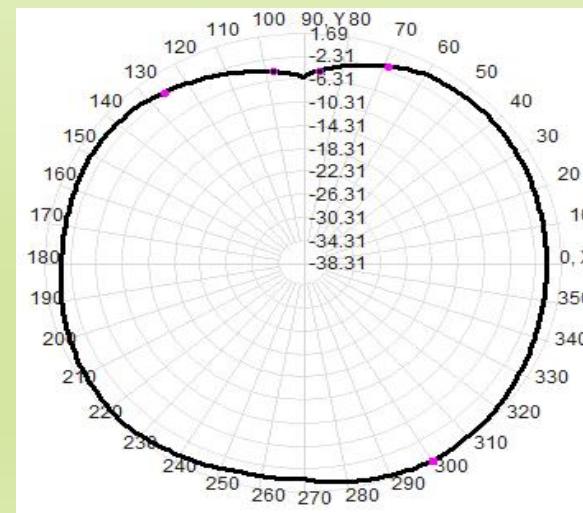
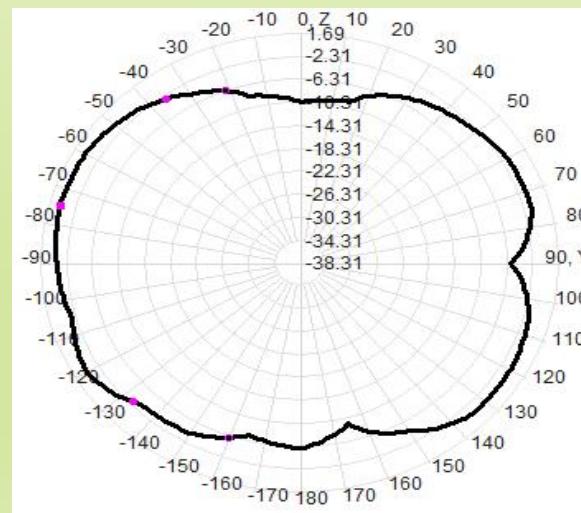
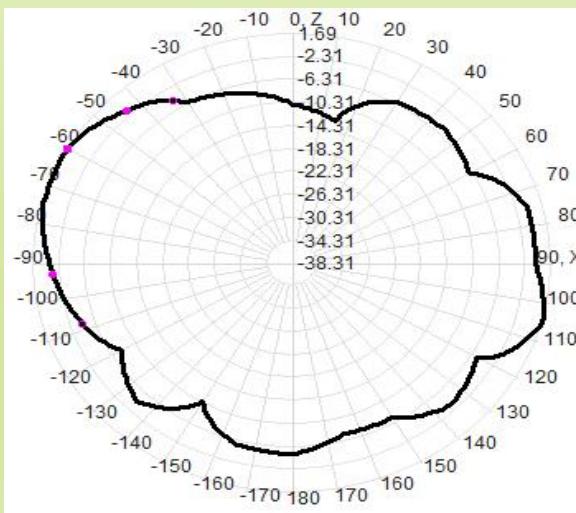
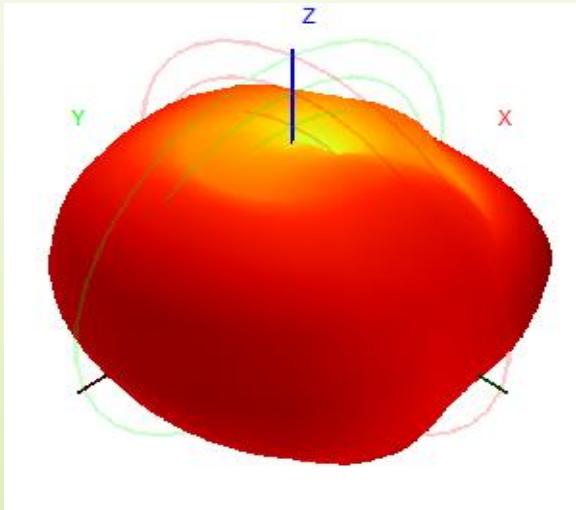
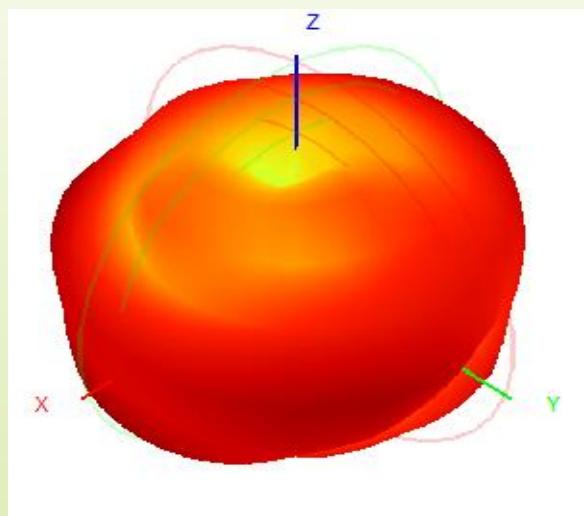
## 6.0 增益/效率

Frequency ID	1	2	3	4	5	6
Frequency (MHz)	2400	2420	2440	2460	2480	2500
Gain (dBi)	3.19	2.43	2.80	2.89	2.79	2.53
Efficiency (%)	67.33	62.58	71.94	71.92	67.56	57.63

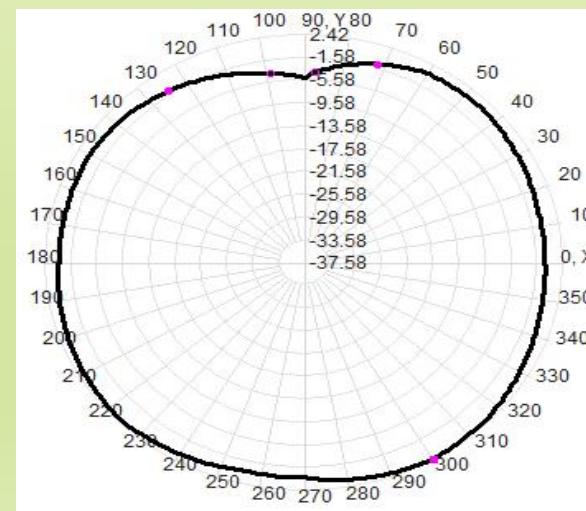
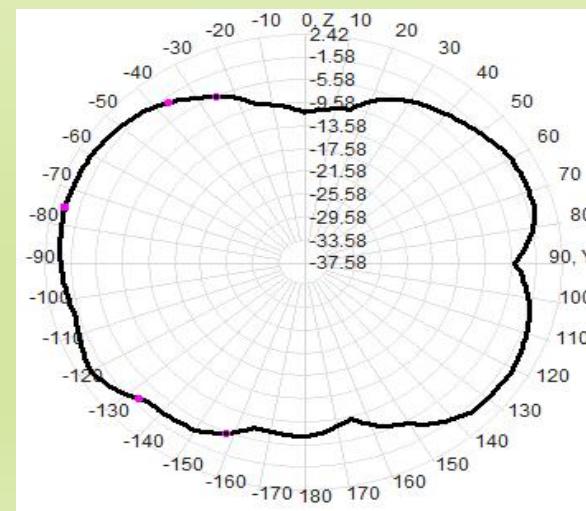
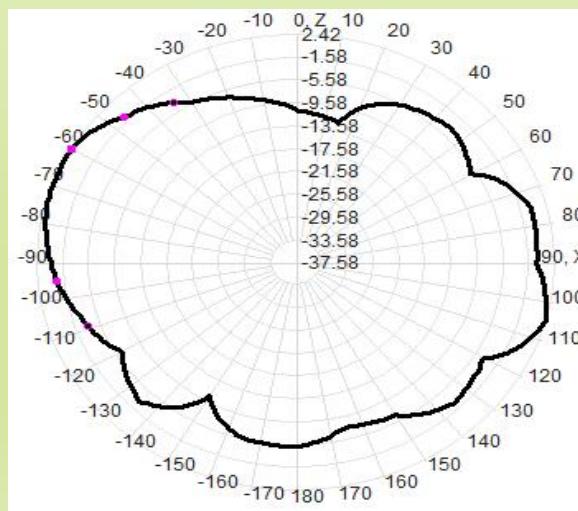
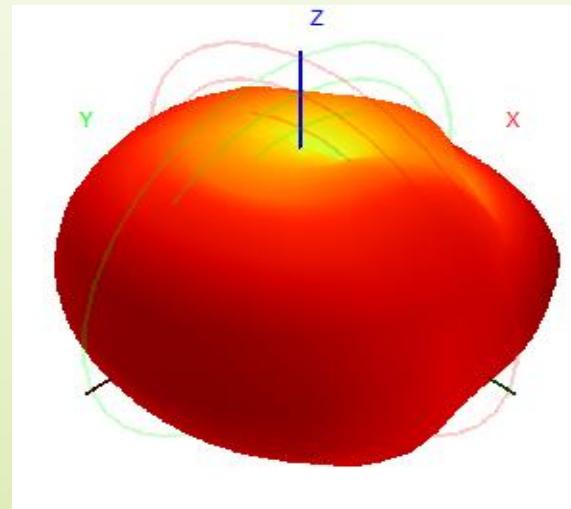
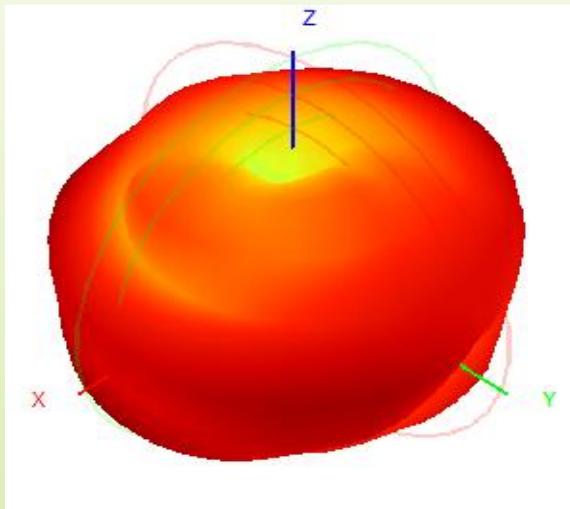
2400MHz



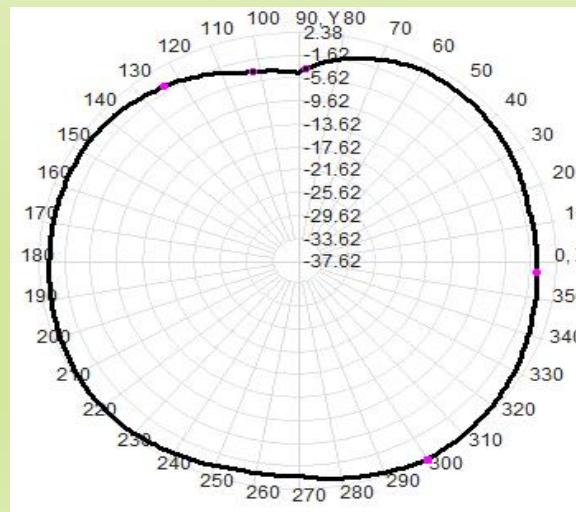
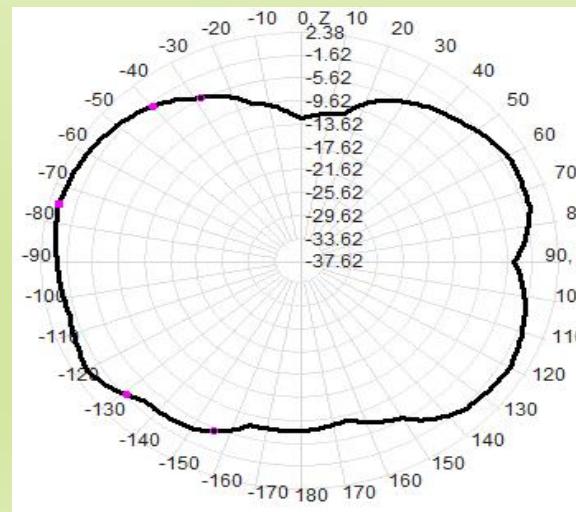
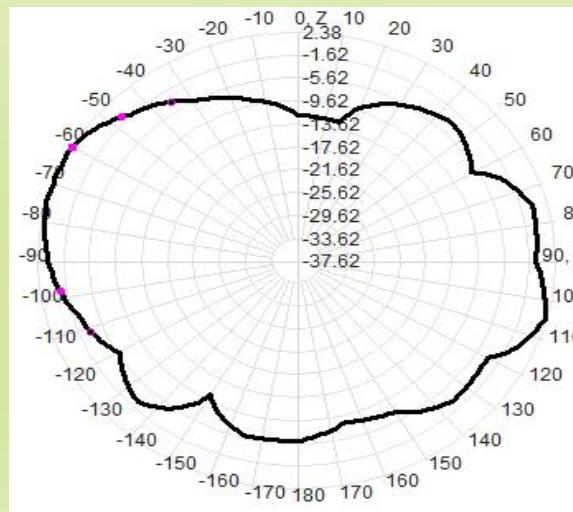
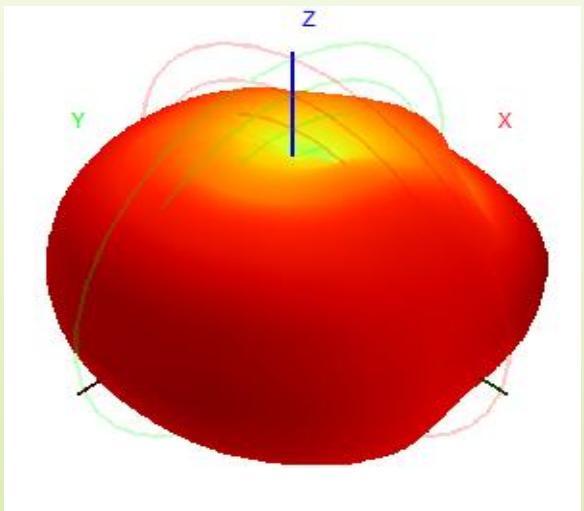
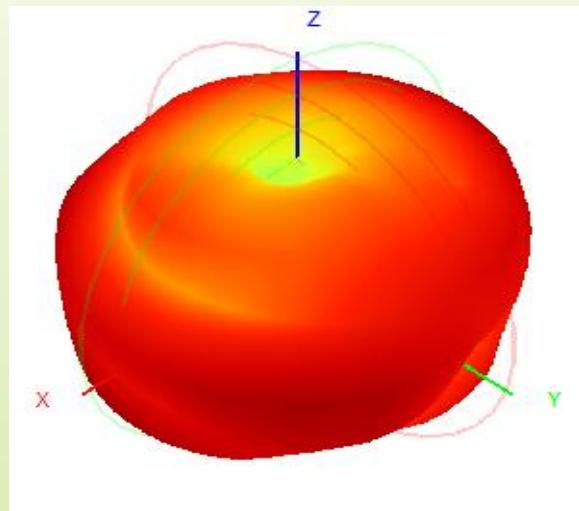
2420MHz



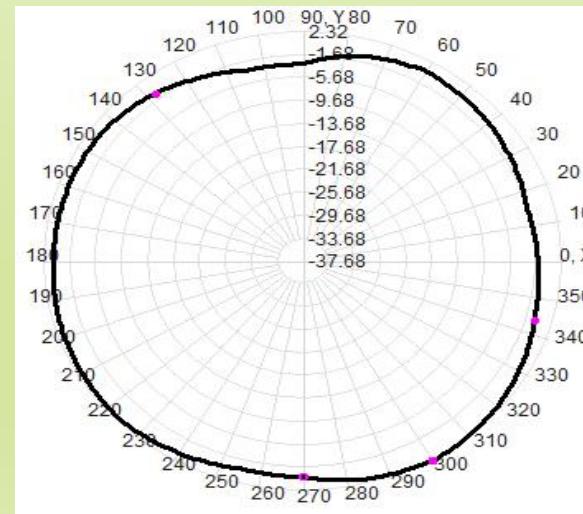
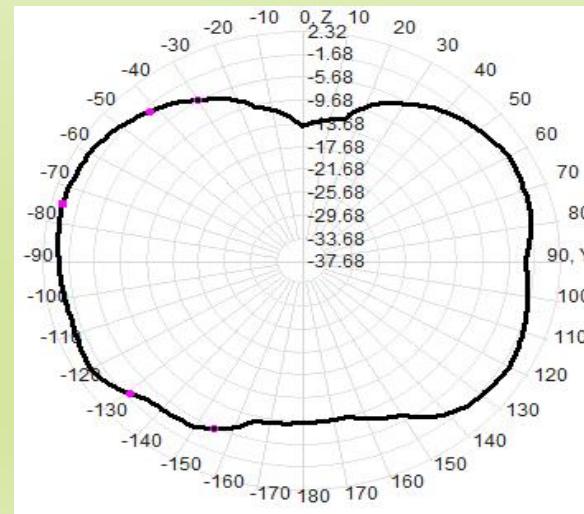
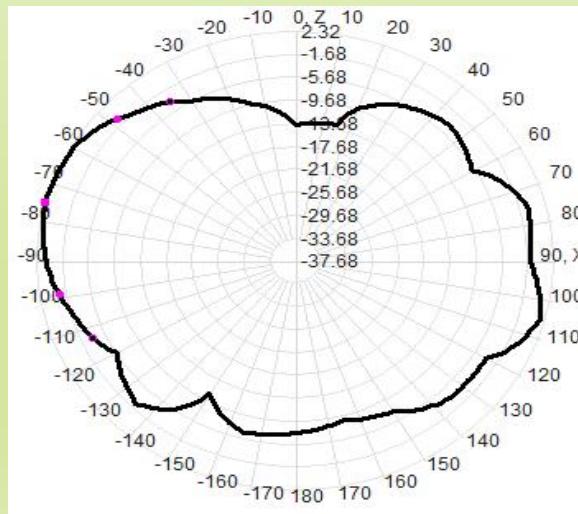
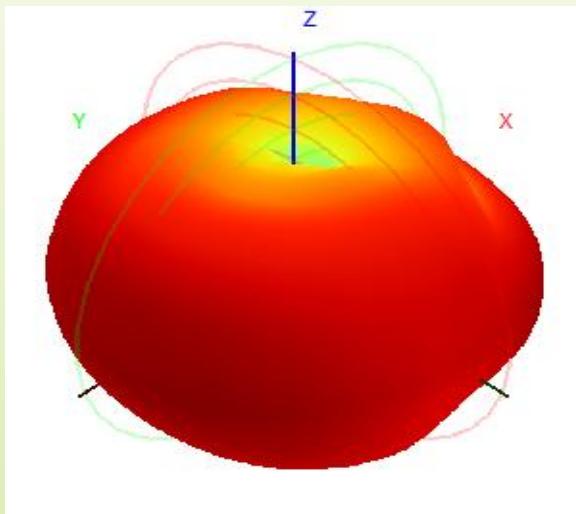
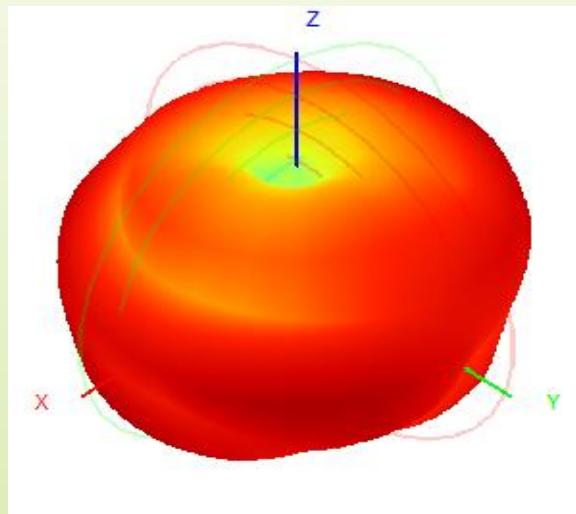
2440MHz



2460MHz



2480MHz



2500MHz

