



# 测试数据

## Test Data

版本: V1.0

制造商:深圳市中天迅通信技术股份有限公司 manufacturer:Shenzhen Zhongtianxun Communication Technology Co., Ltd.			
射频 RF	王宁wangning 17827623394	结构 MD	
审核 Checked	黄烈云huanglieyun 136 1302 2071	业务 Business	叶航 yehang 138 7415 1221
公司地址 Add.:	深圳市宝安石岩石龙大道34号 NO. 34 Shilong Road, Bao'an District, Shenzhen, Guangdong		
项目信息 Project Message			
项目名称 Preject Name	A1753		
天线类型 Antenna Type	FPC+Cable	天线尺寸 Antenna Size	FPC:41. 20mm*9. 9mm, Cable:160mm
天线制式 Antenna System	wifi	日期 Date	2023. 10. 12

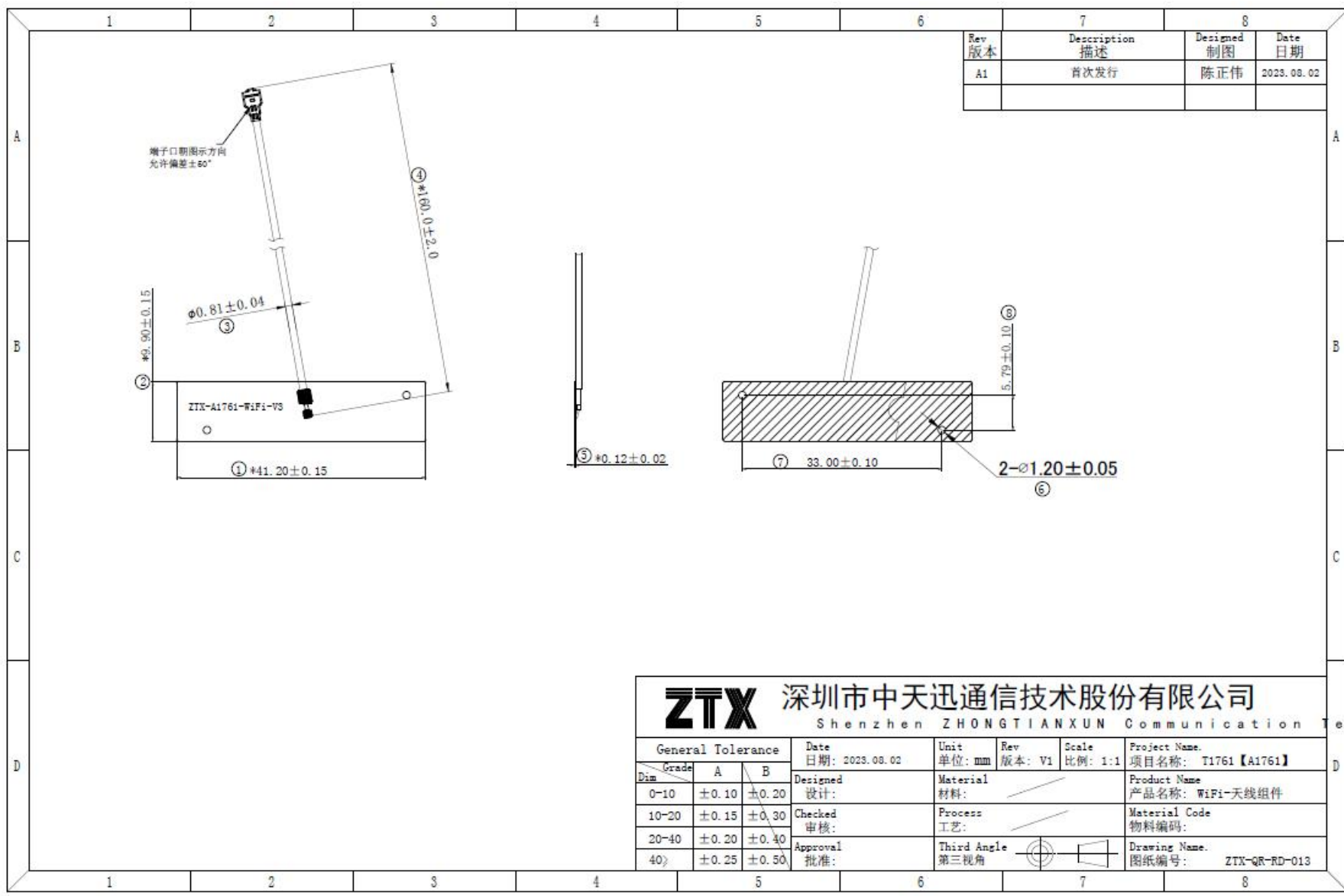
Add:深圳市宝安区石岩街道石龙大道34号

Add: NO. 34 Shilong Road, Bao'an District, Shenzhen, Guangdong

TEL:0755-27588360 /27572127 FAX:0755-27588320

Website:www.chinaztx.com

## 2. 4G-WIFI天线尺寸 Antenna Size



Rev 版本	Description 描述	Designed 制图	Date 日期
A1	首次发行	陈正伟	2023.08.02

**ZTX** 深圳市中天迅通信技术有限公司  
Shenzhen ZHONGTIANXUN Communication

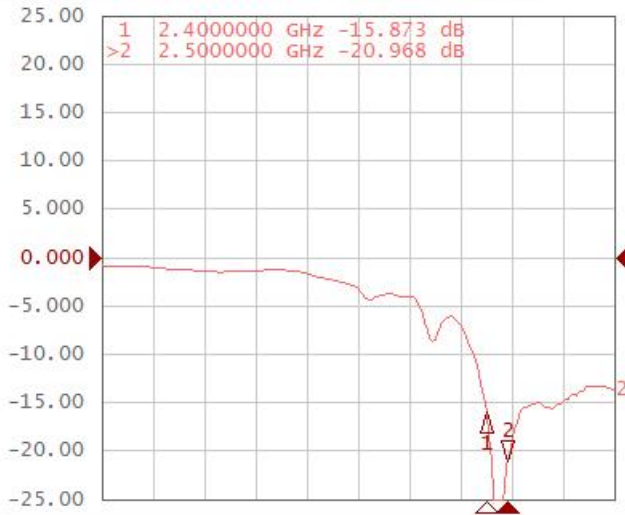
General Tolerance		Date 日期: 2023.08.02	Unit 单位: mm	Rev 版本: V1	Scale 比例: 1:1	Project Name 项目名称: T1761【A1761】
Dim	Grade	A	B	Designed 设计:	Material 材料:	Product Name 产品名称: WiFi-天线组件
0-10	$\pm 0.10$	$\pm 0.20$		Checked 审核:	Process 工艺:	Material Code 物料编码:
10-20	$\pm 0.15$	$\pm 0.30$		Approval 批准:	Third Angle 第三视角	Drawing Name 图纸编号: ZTX-QR-RD-013
20-40	$\pm 0.20$	$\pm 0.40$				
40 $\geq$	$\pm 0.25$	$\pm 0.50$				

## 2. 4G-WIFI天线 Antenna (LOGMAG+VSWR+SMITH)

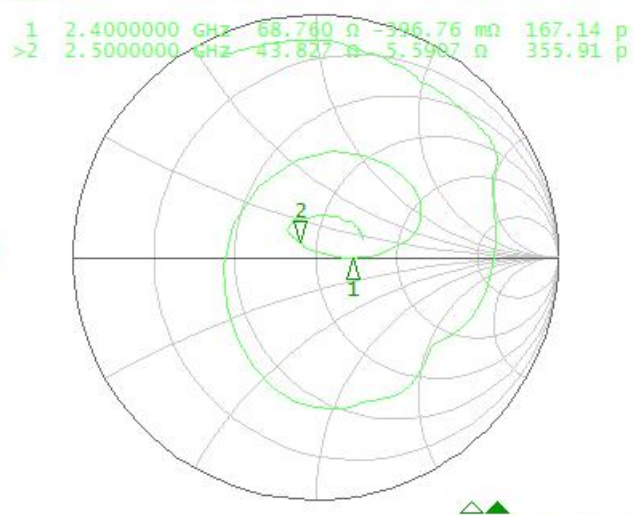
Tr1 S22 SWR 1.000/ Ref 1.000 [F1 M]



Tr2 S22 Log Mag 5.000dB/ Ref 0.000dB [F1 M]



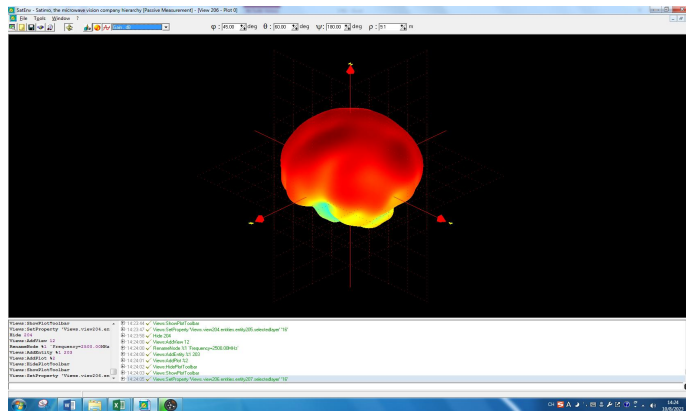
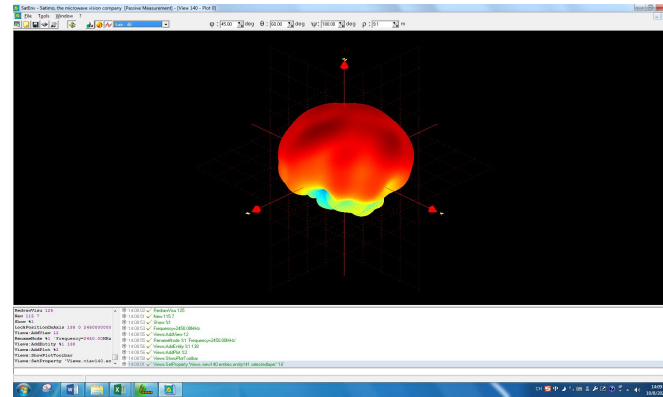
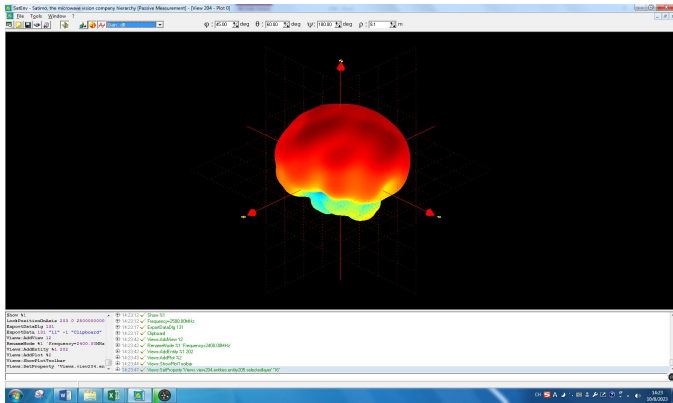
Tr3 S22 Smith (R+jX) scale 1.000U [F1 M]



## 2. 4G-WIFI天线效率及增益 Antenna Efficiency And Gain

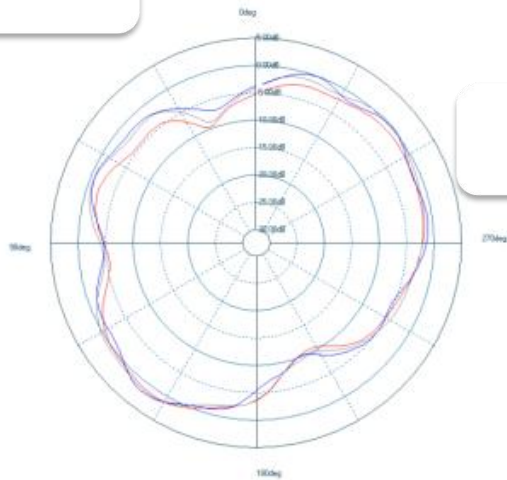
Passive Test For 2400MHz~2500MHz				
Freq	Effi	Effi	Gain	
(MHz)	(%)	(dB)	(dBi)	
2400	51.19%	-2.9	3.27	
2410	50.60%	-3.0	3.27	
2420	52.09%	-2.8	3.46	
2430	53.71%	-2.7	3.51	
2440	54.70%	-2.6	3.58	
2450	55.85%	-2.5	3.65	
2460	55.03%	-2.6	3.61	
2470	53.18%	-2.7	3.56	
2480	53.27%	-2.7	3.46	
2490	52.38%	-2.8	3.24	
2500	53.18%	-2.7	3.25	

# Radiation Pattern For 2.4G-WIFI Antenna (2450MHz)



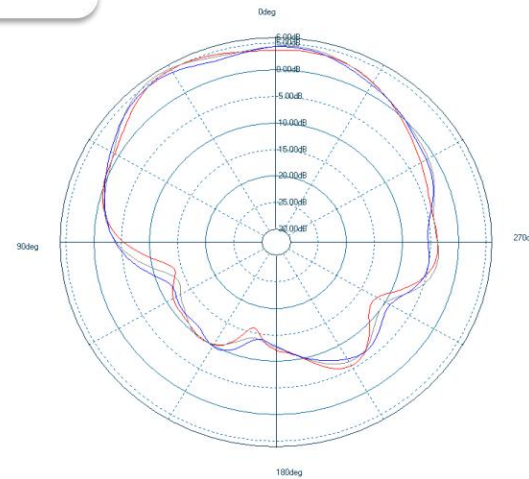
## 2. 4G-WiFi方向图 Direction Diagram

**XOY**

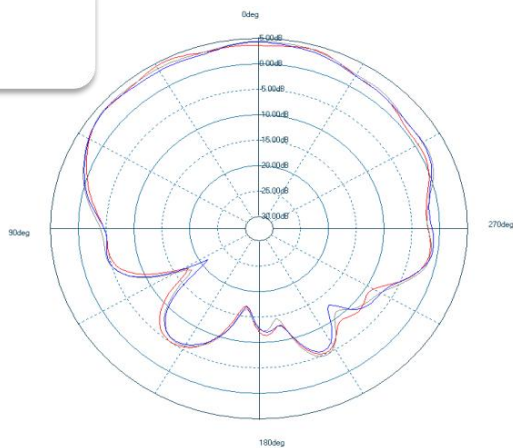


**MIN:-12.23**

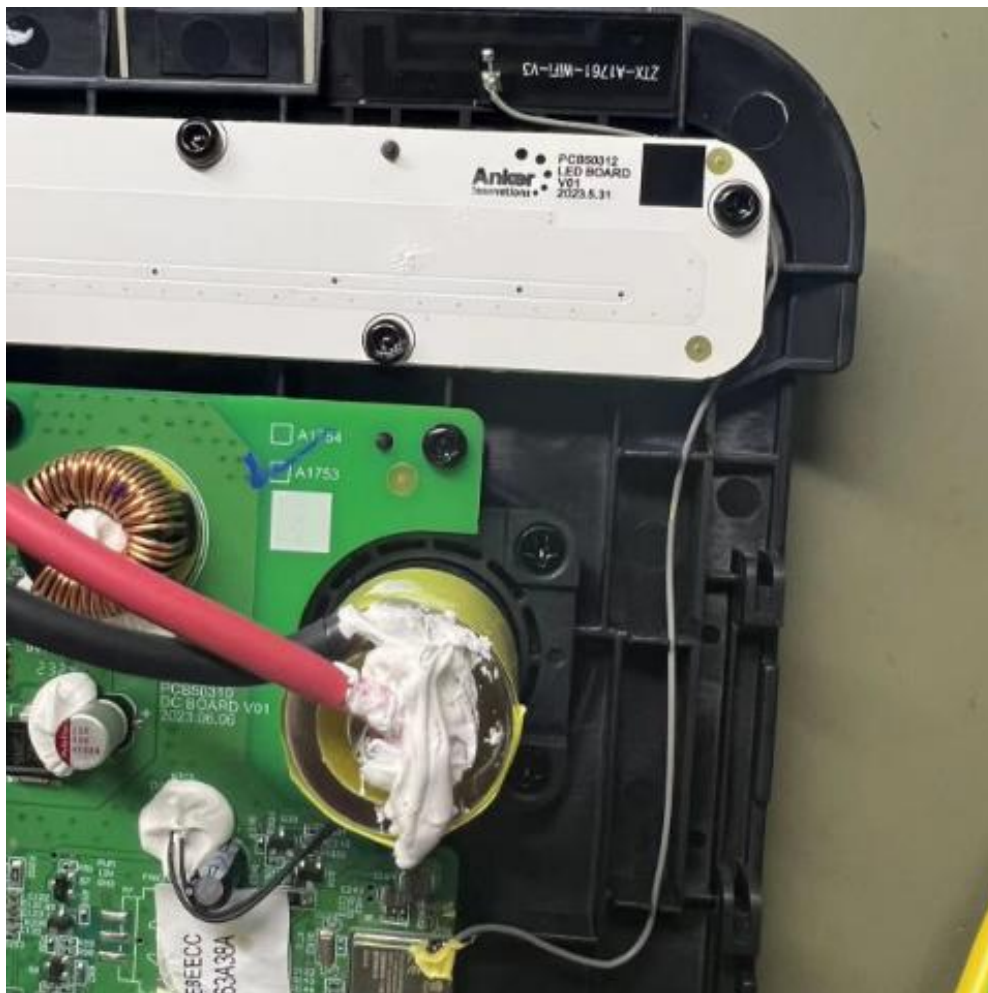
**XOZ**

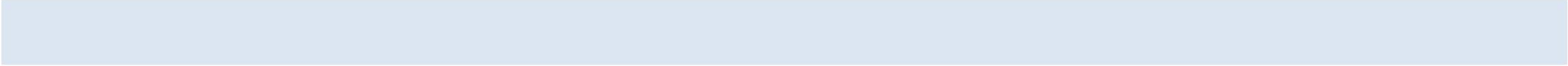


**YOZ**



# 天线位置 Antenna Position





谢谢!

Thank You!