



深圳市安威无线科技有限公司

行业领先的一站式通信射频天线解决方案制造商

J20 天线

RF：吴希

手机号：13751118278

报告版次：

报告时间：2024. 9. 6

行业领先的一站式通信射频天线解决方案制造商

One stop communication RF antenna solution manufacturer

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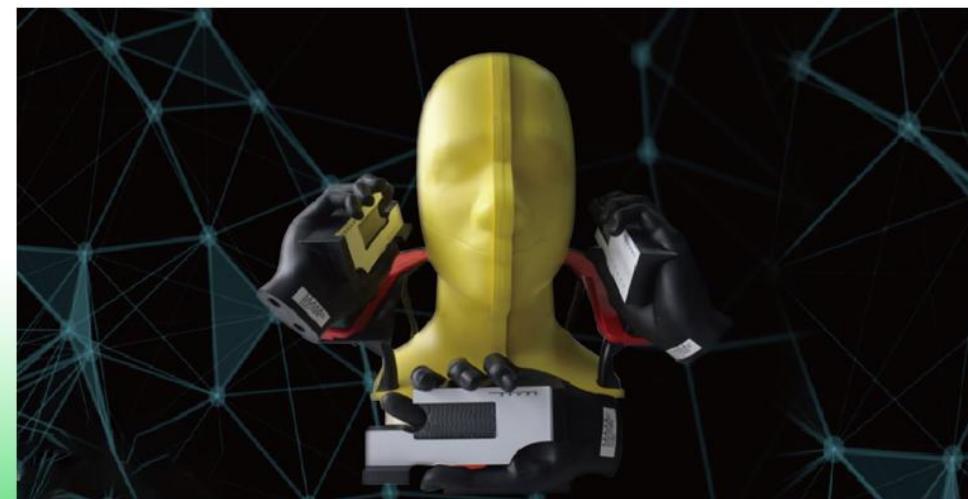
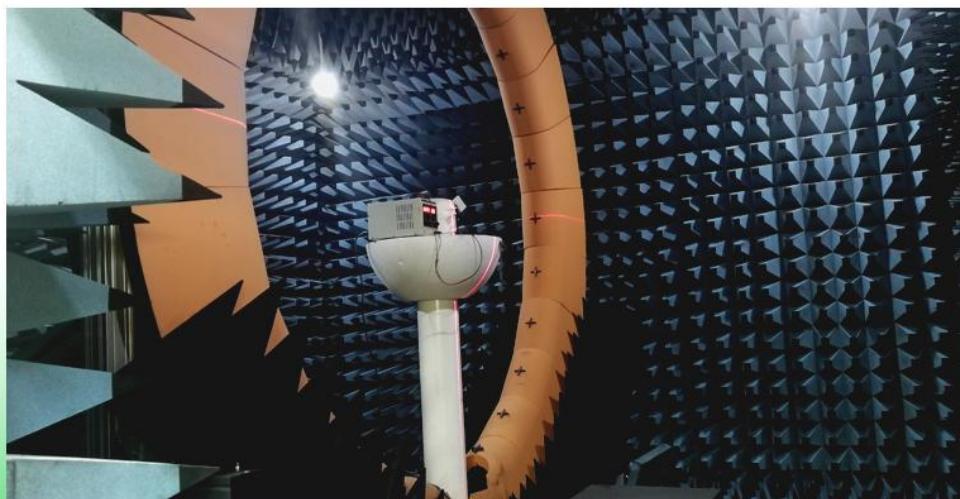
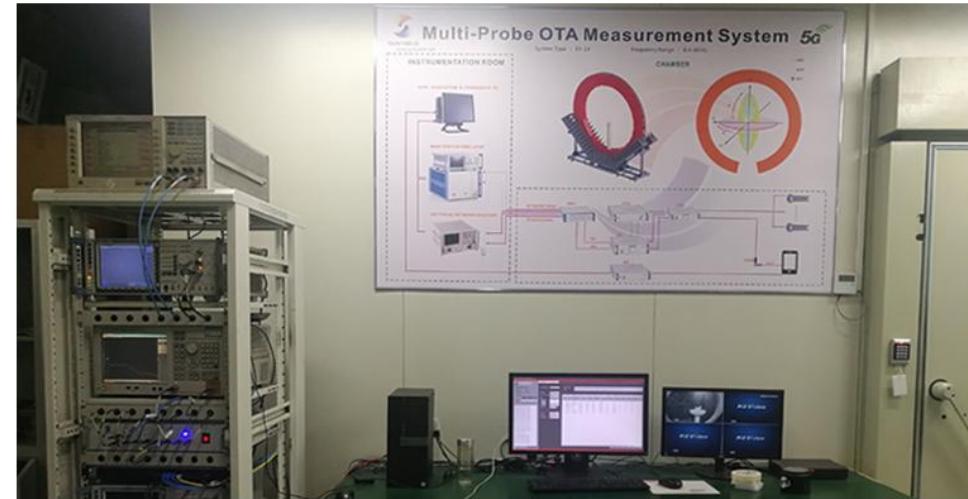
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项目调试简介

项目调试简介

板型	整机						
	天线概况	天线	频段	天线状态	天线形式	设计区域	
			GPSL1+L5				
			2.4GBT				有
样机状态	调试机器		环境处理				

项目开发环境



安威无线一直都是您值得信赖且优秀的合作伙伴，我们为您提供全方位一站式的产品天线以及技术服务！

“质量第一，服务至上”是安威一直以来的发展宗旨

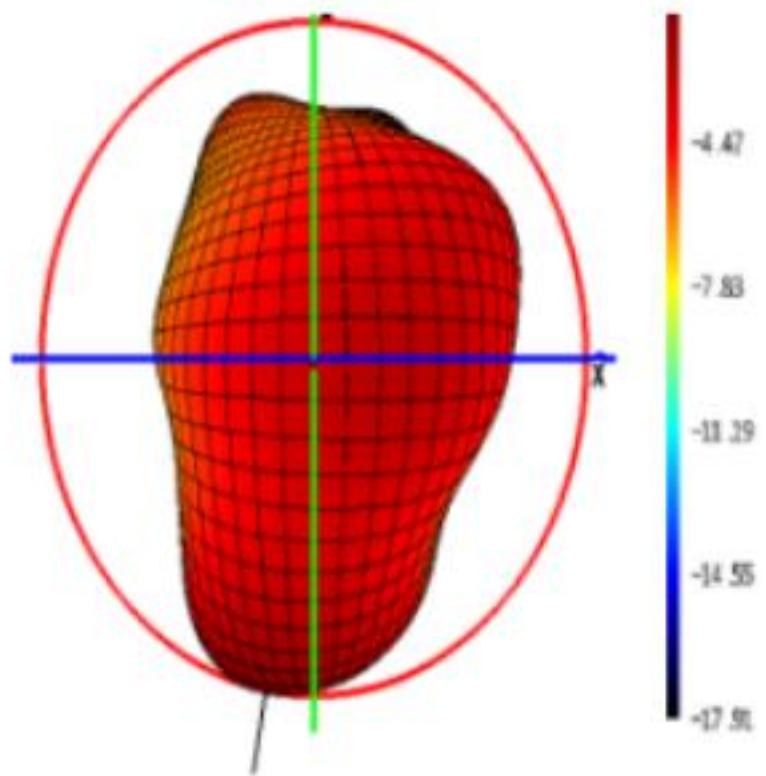
携手共进 共创未来

JOIN HANDS TO CREATE THE FUTURE

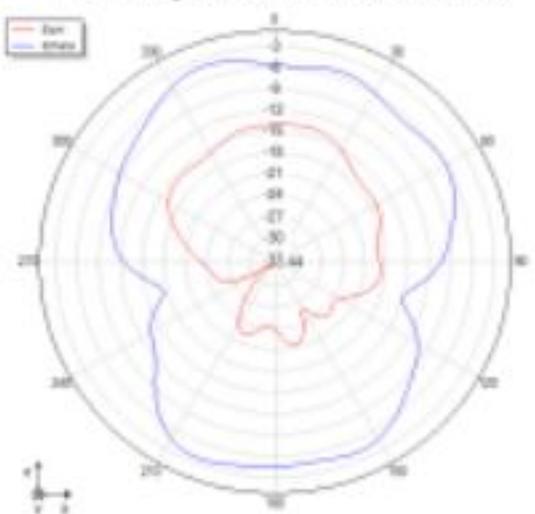
整机正反面图



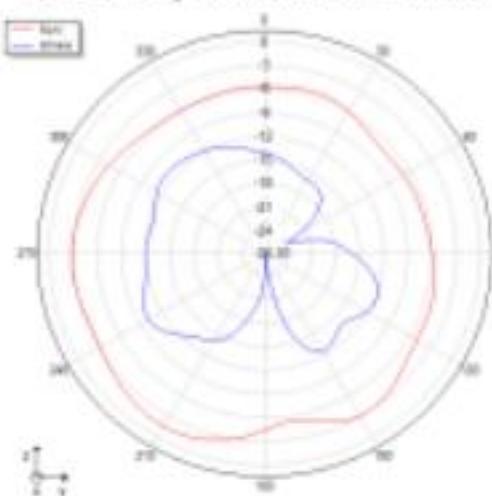
GPS antenna apple map



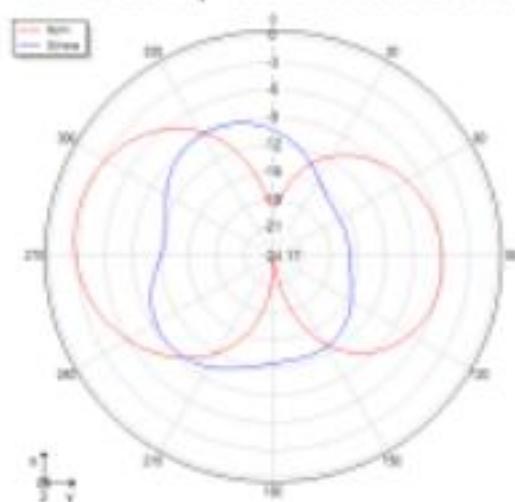
Phi=0 freq=1575.42004394531MHz



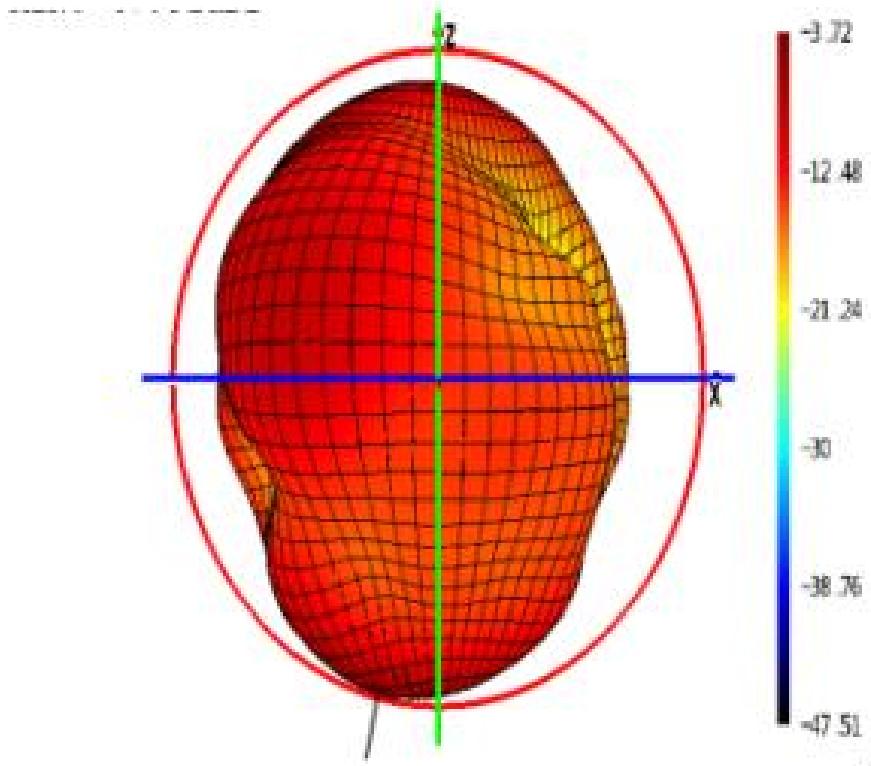
Phi=90 freq=1575.42004394531MHz



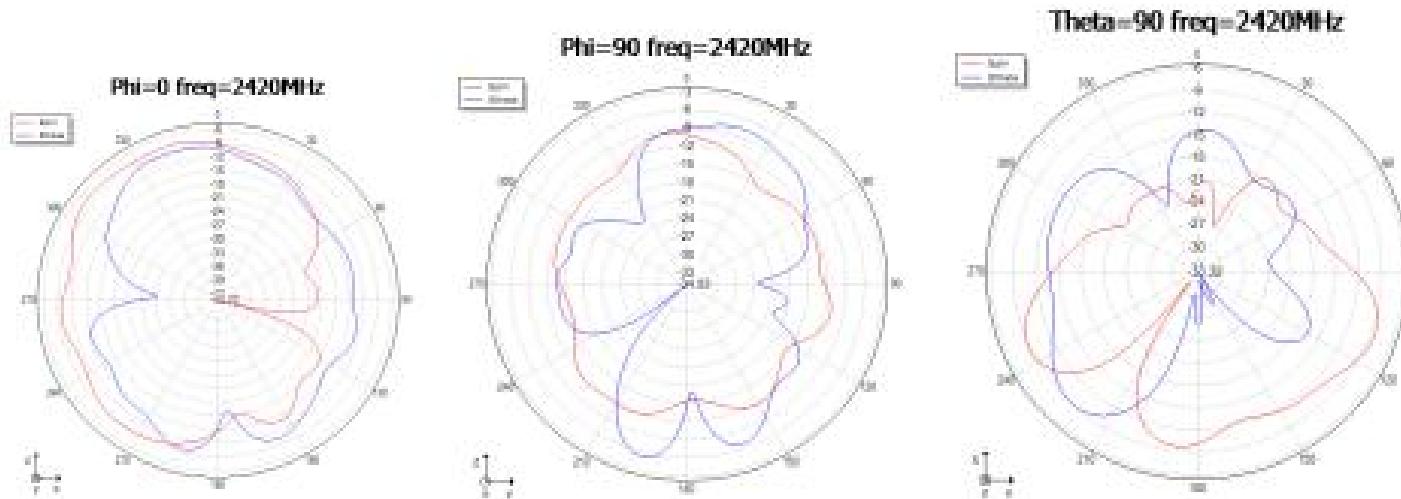
Theta=90 freq=1575.42004394531MHz



(2.4G BT antenna) apple Map



(2.4G BT Antenna) PolarGraphs/EtotalGraphs



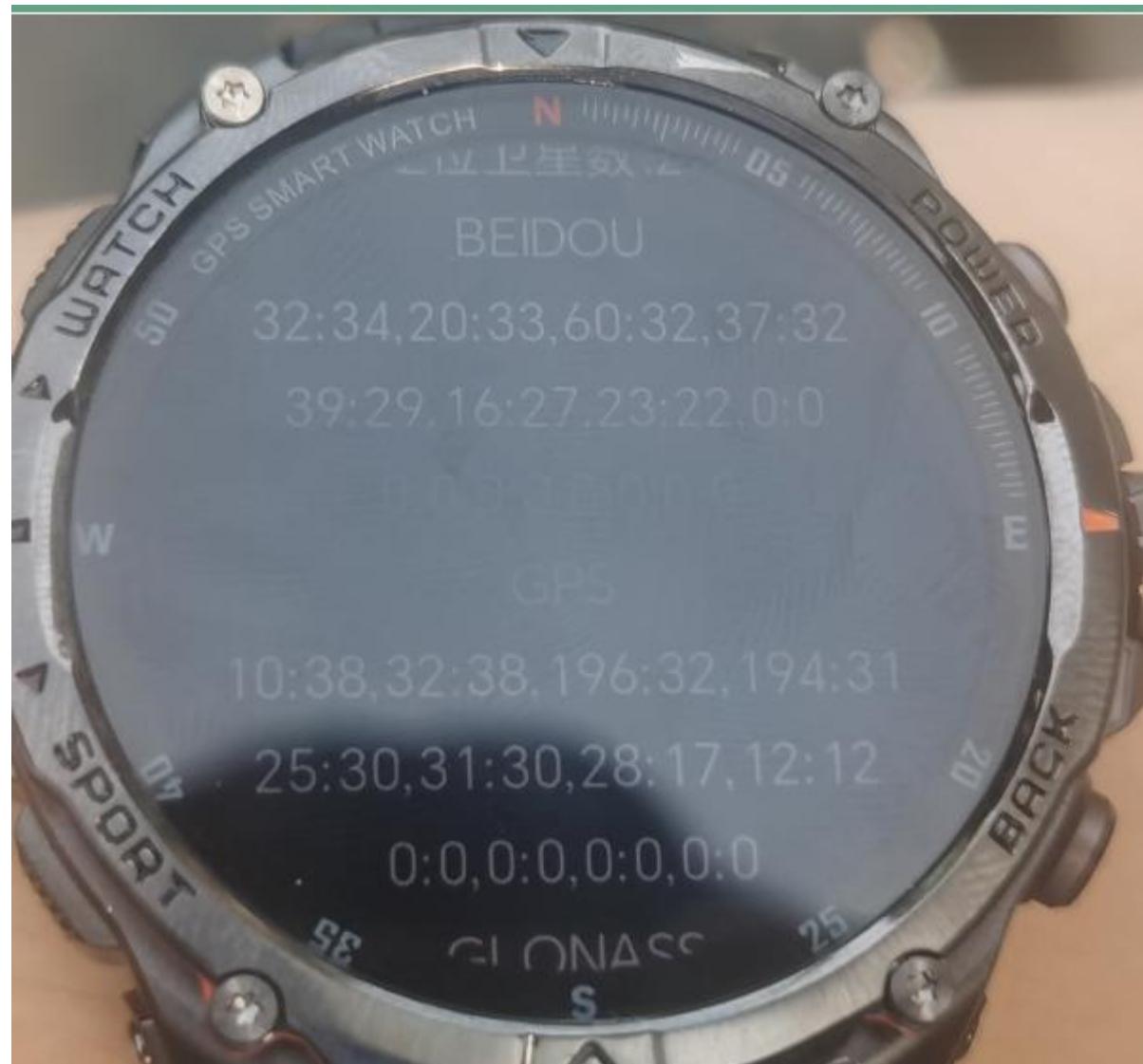
GPS, BT天线无源效率，增益

frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(%)
1575	-3.61	14.92
2400	-2.69	16.39
2410	-2.5	15.36
2420	-3.16	17.85
2430	-3.21	16.68
2440	-3.13	17.10
2450	-2.92	17.46
2460	-3.04	17.19
2470	-3.77	18.28
2480	-3.42	18.00
2490	-3.35	18.18
2500	-3.36	19.03

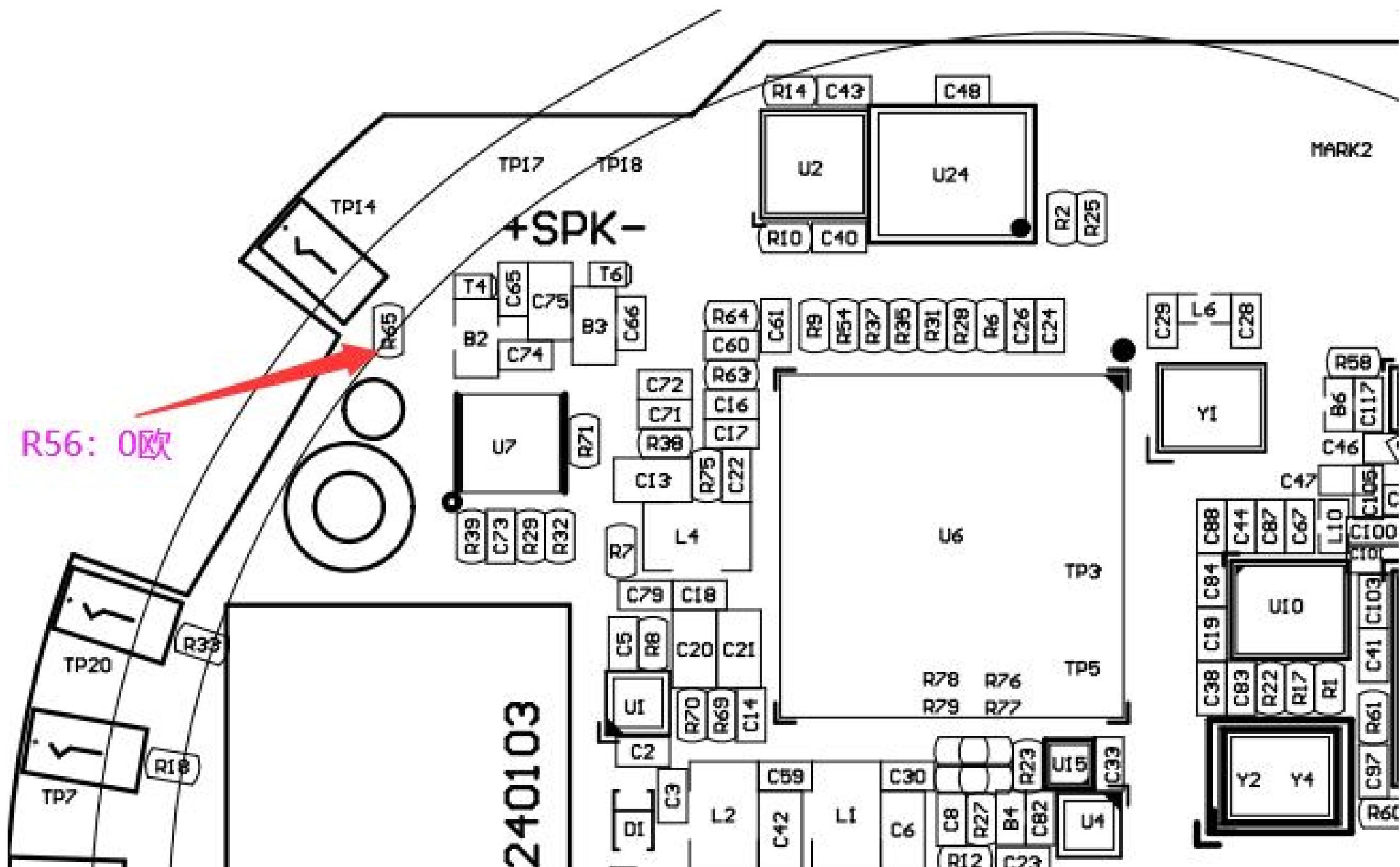
GPS, BTReturn Loss&VSWR



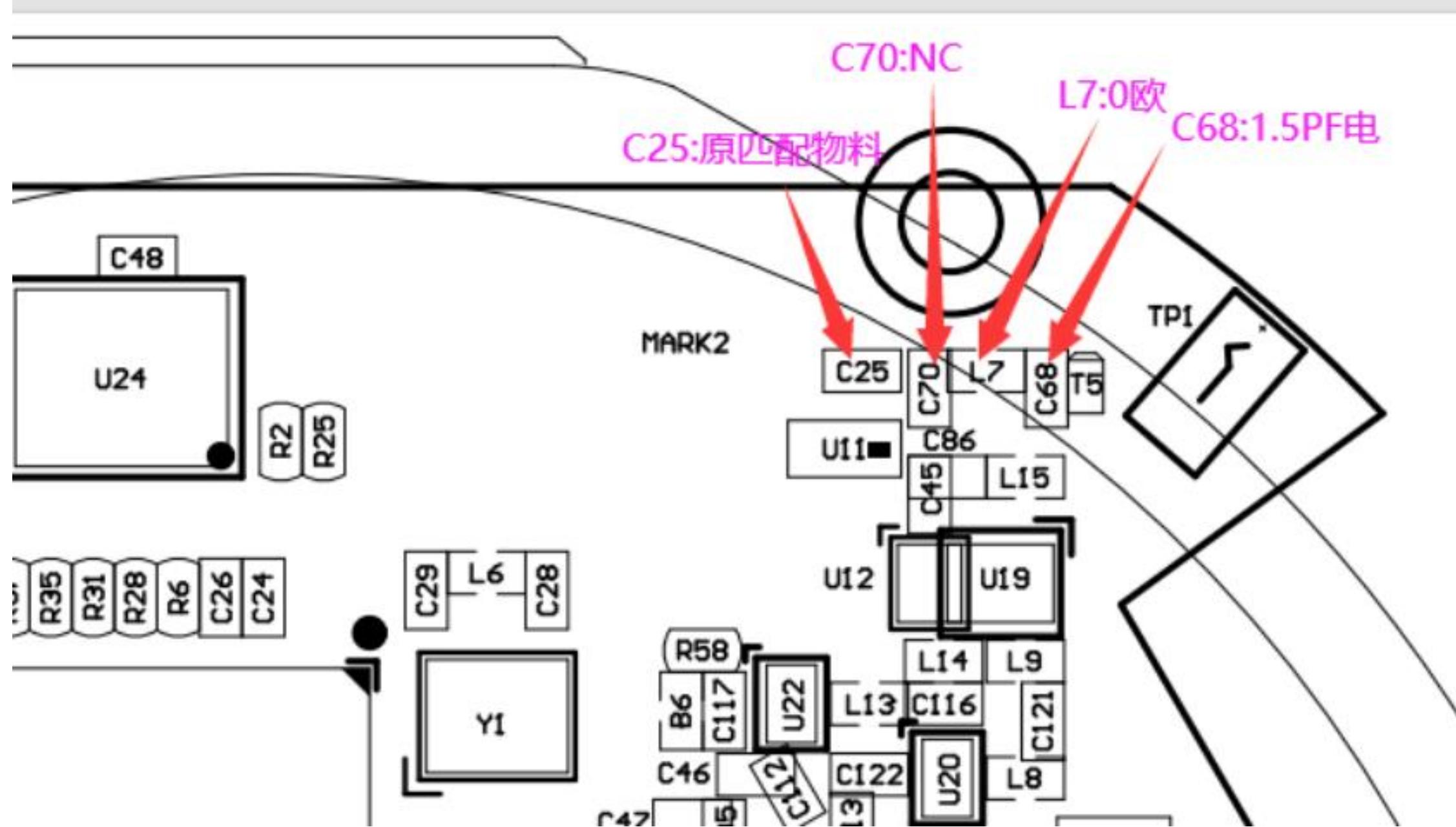
带手实测
天气：晴天
测试时间：下午



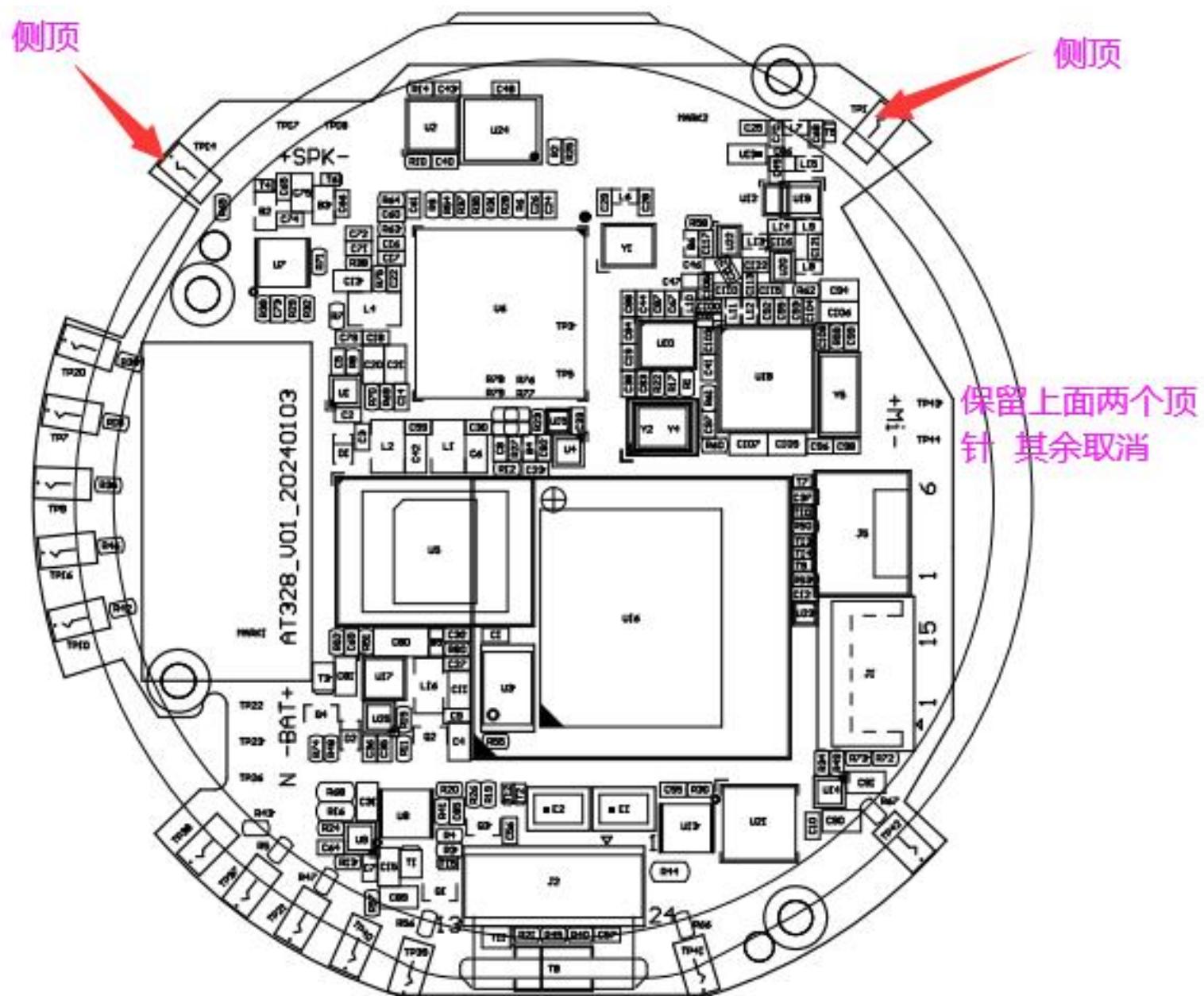
GPS天线匹配



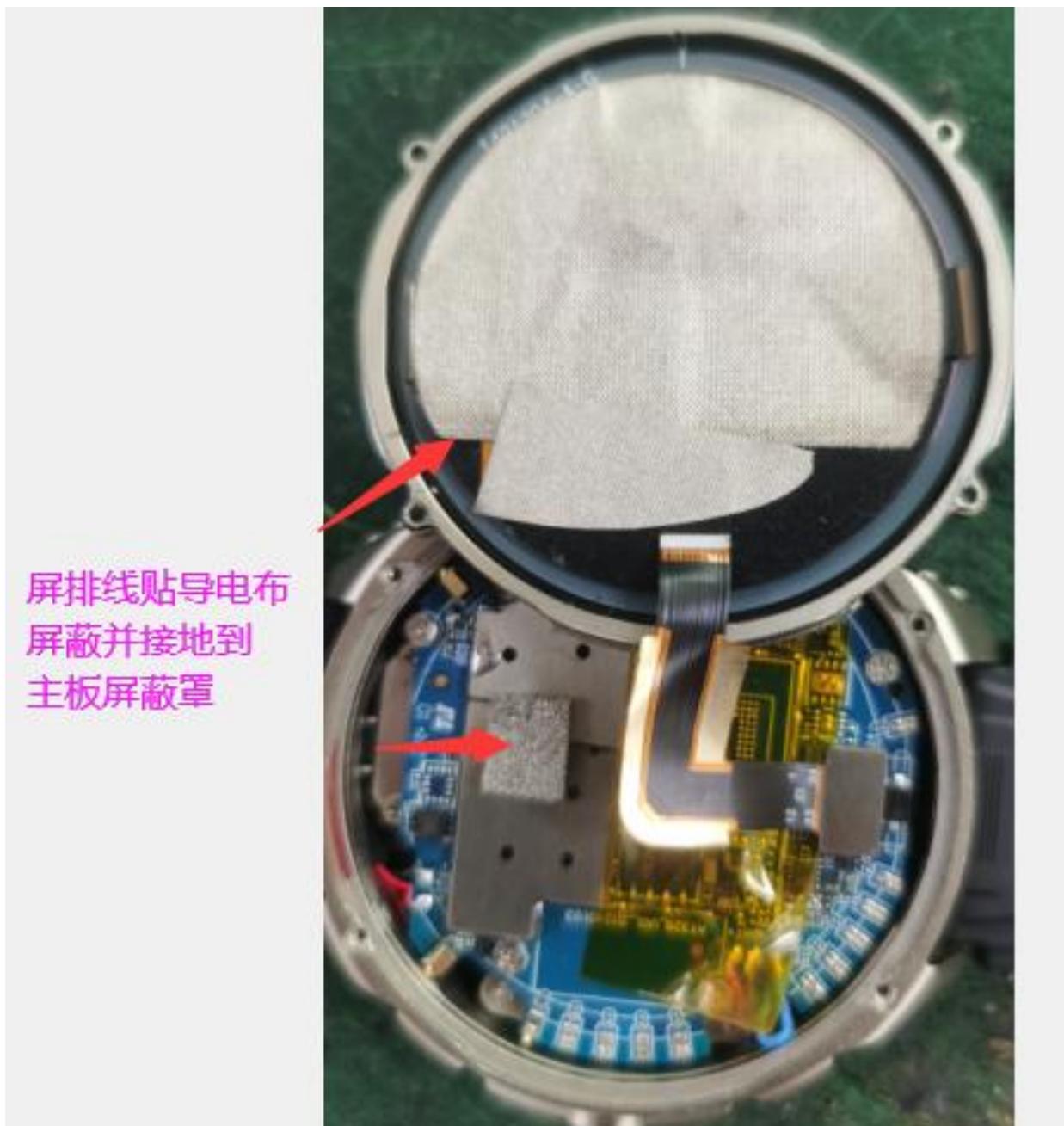
GPS天线匹配



天线顶针位置



环境处理





深圳市安威无线科技有限公司
Shenzhen Anwei Wireless Technology Co., Ltd

The End

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携手共进 共创未来
JOIN HANDS TO CREATE THE FUTURE