



深圳市凯普深通讯科技有限公司

Shenzhen cape deep communication technology co., LTD

天线测试报告

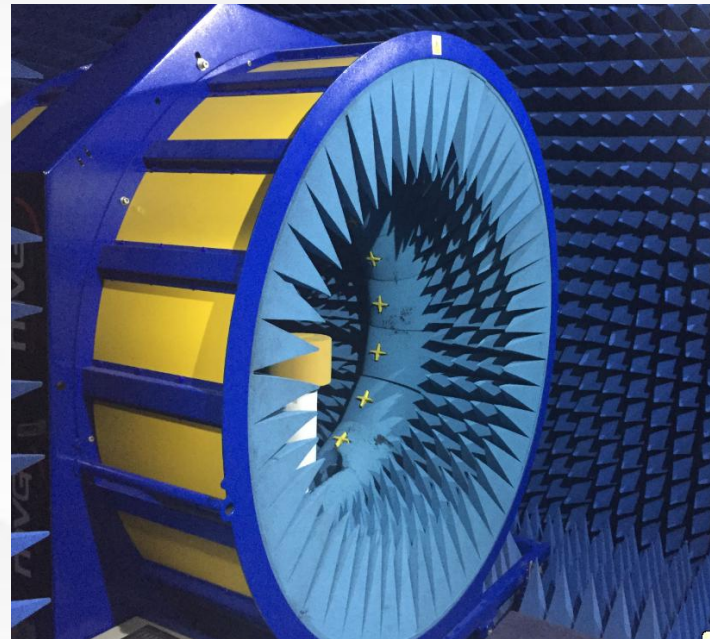
test report



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实验室测试环境及设备

Laboratory test environment and equipment



测试项目 Test items	测试设备 Test Equipment
S11、S12、VSWR、LOSS	网络分析仪E5071B、E5062A Network Analyzer E5071B,E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16暗室、GP7*4*3暗室、E5071B Satimo SG16 darkroom、GP7*4*3、E5071B
TRP、TIS	Satimo SG16暗室、GP7*4*3暗室、8960、 CMW500、MT8820C、E4438C、 Satimo SG16 darkroom、GP7*4*3darkroom、8960 CMW500、MT8820C、E4438C、



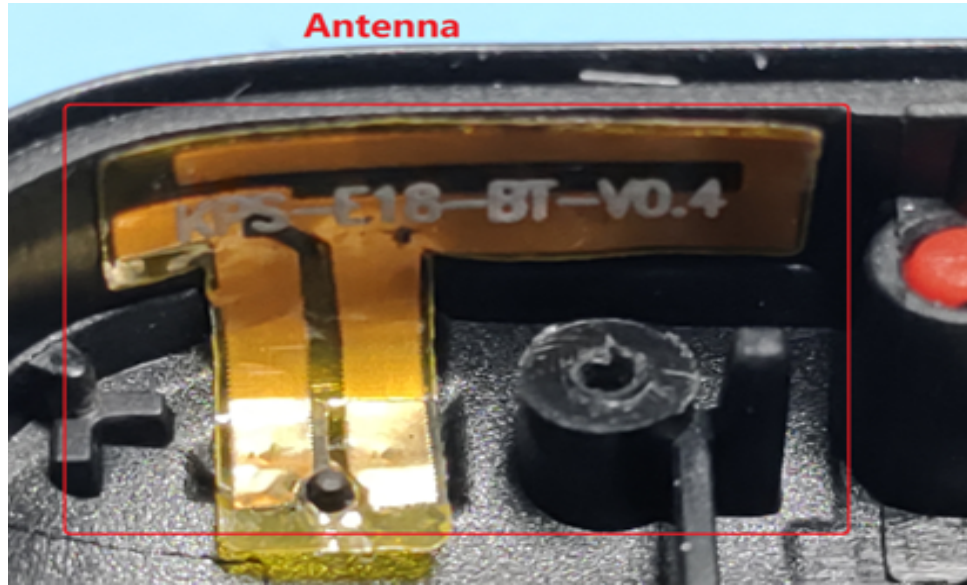
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项目调试简介

Introduction to project debugging

整机类型 Machine type	成人手表 adult watch				
		频段信息 frequency band information	天线形式 Antenna form	peak gain	匹配改动 match changes
天线种类及频段信息 Antenna type and frequency band information	天线类型 Antenna type	BT天线 BT antenna (2400-2480M)	单极 Monopolar	-1.74	否 no
天线材质 Antenna material	导线 wire				

Antenna

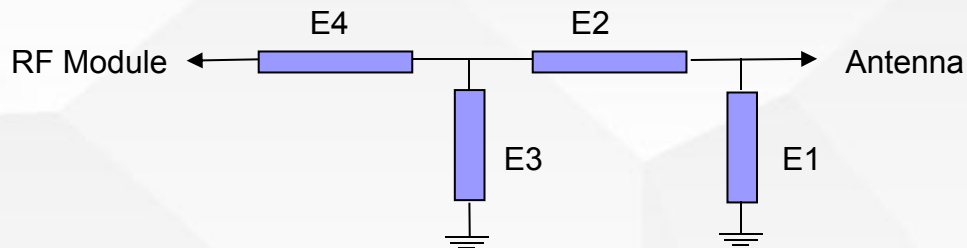




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天线匹配电路

Antenna matching circuit



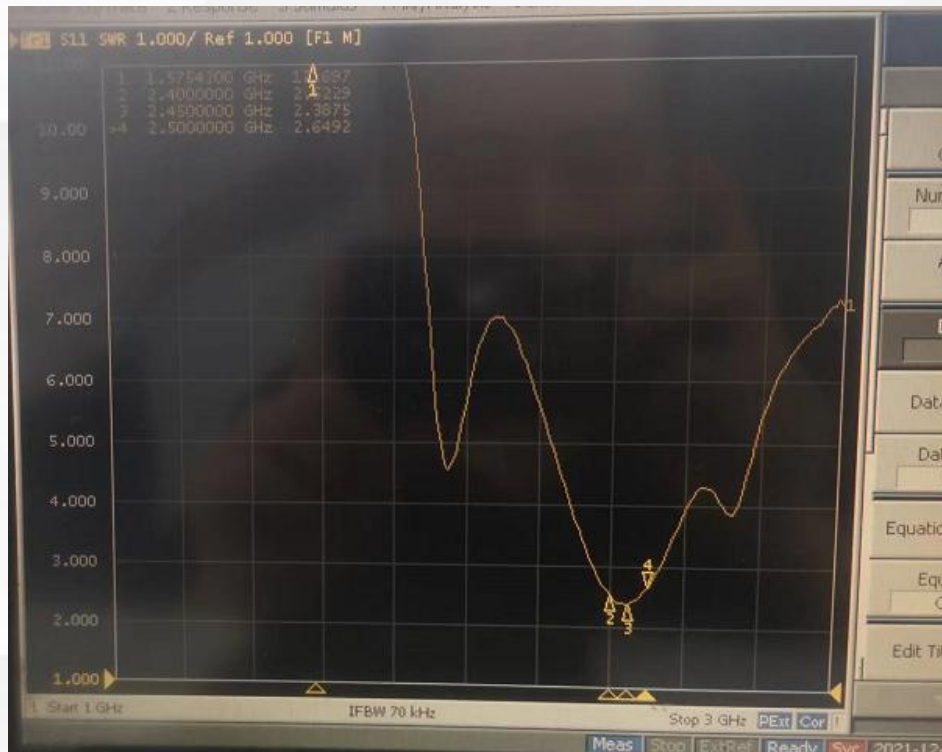
	Element	Value	附图说明 Description of drawings
BT天线 BT antenna	E1(0201)		贵司原有匹配 Your company has a match
	E2(0201)		
	E3(0201)		



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天线无源驻波图

Antenna passive standing wave diagram





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BT 天线无源效率图

BT Antenna Passive Efficiency Diagram

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	21.34	-6.71	-2.95
2410	21.62	-6.65	-2.86
2420	22.79	-6.42	-2.49
2430	23.89	-6.22	-2.17
2440	25.46	-5.94	-1.8
2450	25.35	-5.96	-1.74
2460	24.23	-6.16	-1.84
2470	21.8	-6.62	-2.17
2480	21.1	-6.76	-2.27
2490	21.32	-6.71	-2.06
2500	21.84	-6.61	-1.92



整机环境处理

The whole environment processing

整机原环境处理

The whole environment processing



联系方式

contact details

电话TEL : 13819148423

邮箱Mail : kpsyana3@szkpstx.com



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THE END

感谢您的宝贵意见！

Thanks for your valuable opinion