



深圳市凯普深通讯科技有限公司

Shenzhen Kaipushen Communication Technology Co., Ltd

天线调试报告

Antenna debugging report

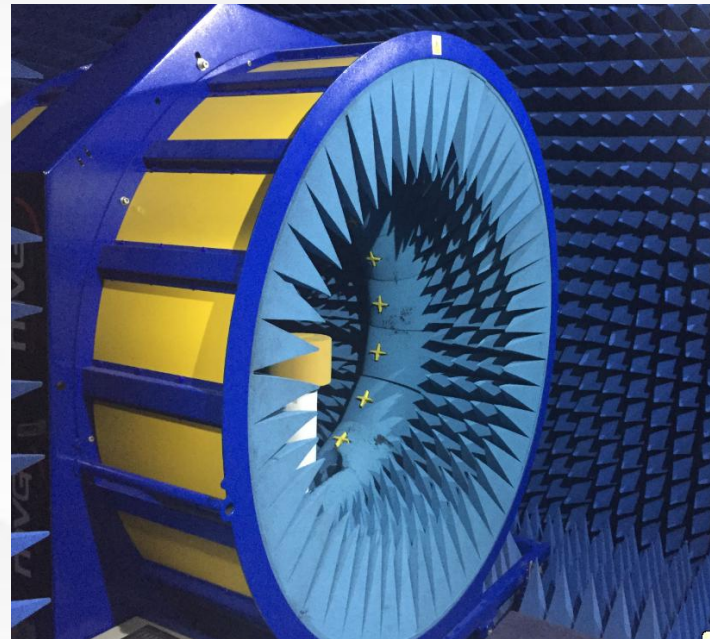
客 户customer : 图高 Tu Gon
项 目project : HT02
射 频RF : 江长兴 Jiang Gong
日 期Date : 2024.3.19



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实验室测试环境及设备

Laboratory testing environment and equipment

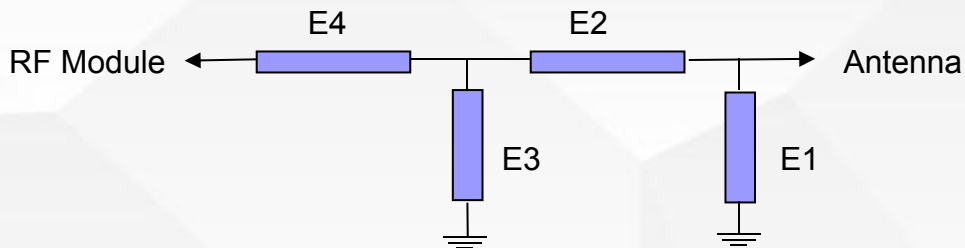


测试项目 Test items	测试设备 Test equipment
S11、S12、VSWR、LOSS	网络分析仪network analyzerE5071B、E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16暗室darkroom、GP7*4*3暗室 darkroom、E5071B
TRP、TIS	Satimo SG16暗室darkroom、GP7*4*3暗室 darkroom、8960、CMW500、MT8820C、 E4438C、



主天线匹配电路

Main antenna matching circuit



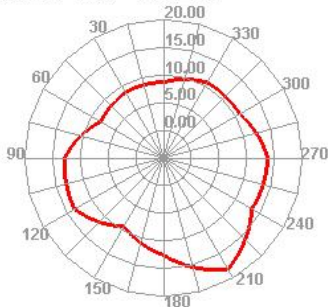
共用T1小板匹配
Common T 1 panel matching



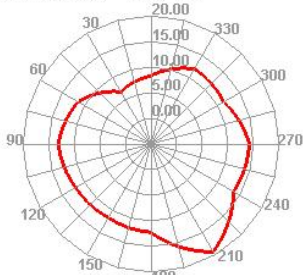
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方向图 Directions

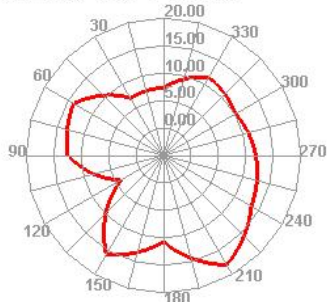
Wifi 1 TRP Phi=45



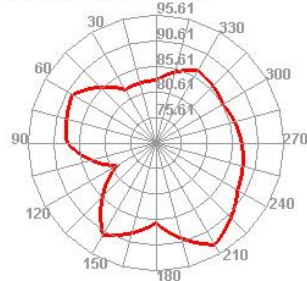
Wifi 6 TRP Phi=45



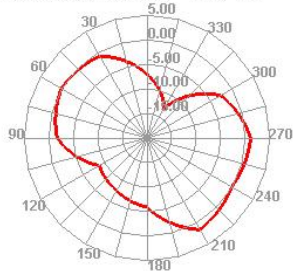
Wifi 13 TRP Phi=45



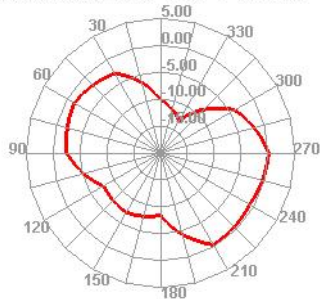
Wifi 13 TIS Phi=45



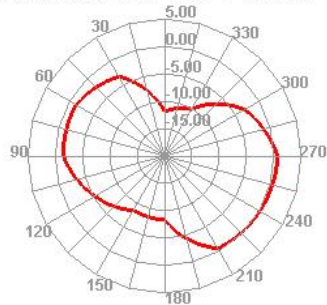
Bluetooth 0 TRP Phi=45



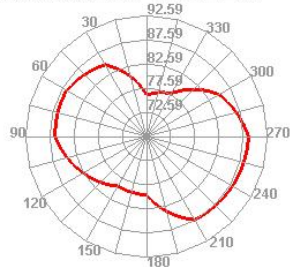
Bluetooth 39 TRP Phi=45



Bluetooth 78 TRP Phi=45



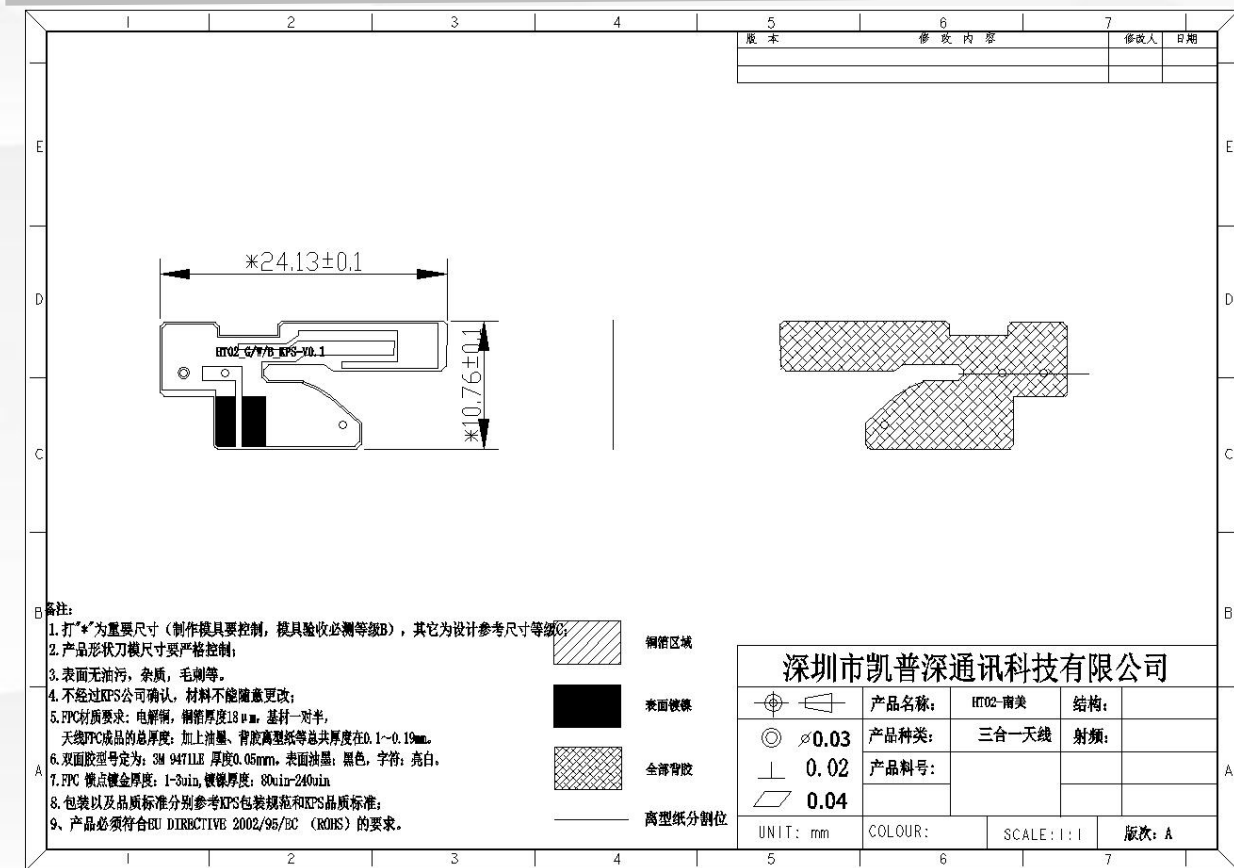
Bluetooth 78 TIS Phi=45





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天线尺寸 Antenna size





增益测试数据 GAIN test data

	2.4GWIFI	BT	5G WIFI B1	5G WIFI B3		
AVG Gain(dBi)	-2.31	-2.31	-1.5	-1.85		



联系方式

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THE END

**感谢您的宝贵意见！
Thank you for your
valuable feedback !**