



Shenzhen Jiexuntong Wireless Technology Co., Ltd

Antenna specification sheet

客户名称：人为数码

Customer Name: Human Digital

客户料号：Project Model: JR01

天线规格：FPC 天线

Antenna specification: FPC antenna



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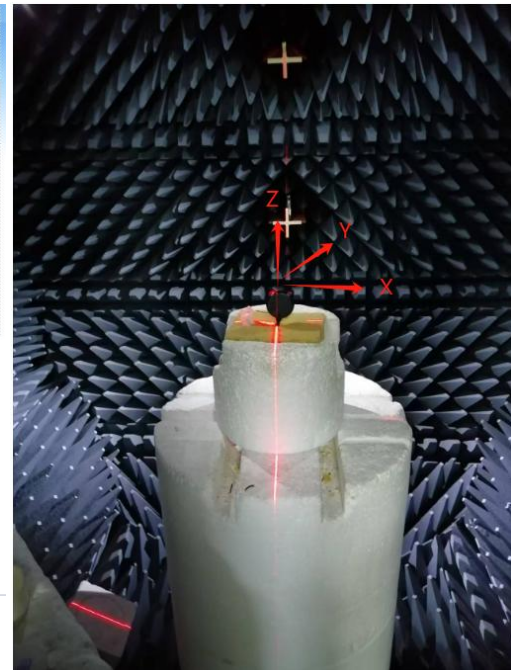


一、天线图片 Antenna image



二、测试环境 testing environment

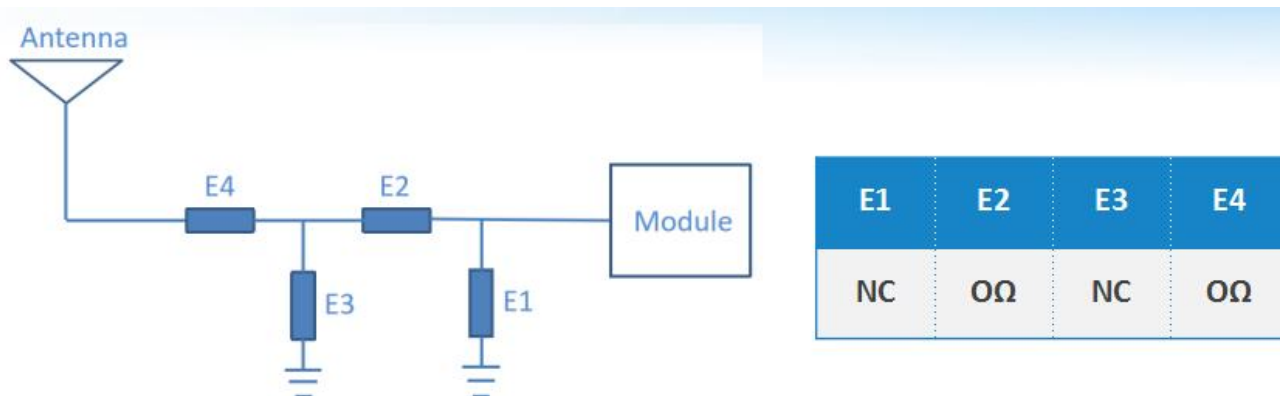
测试项目 Test project	测试参数 Test parameters	测试设备 Testing equipment
1、S参数 S parameter	VSWR; Smith;	网络分析仪：安捷伦5071B Network analyzer: Agilent 5071B
2、无源测试 Passive testing	效率、增益测试 Efficiency and gain testing	综合测试仪：网络分析仪：安捷伦5071B 微波暗室：GTS Chamber Comprehensive tester: Network analyzer: Agilent 5071B Microwave darkroom: GTS Chamber





三、天线匹配 Antenna matching

3.1.天线 antenna



*:我司未对原有天线前端匹配做更改。

Our company has not made any changes to the original antenna front-end matching

四、产品规格 Product specifications

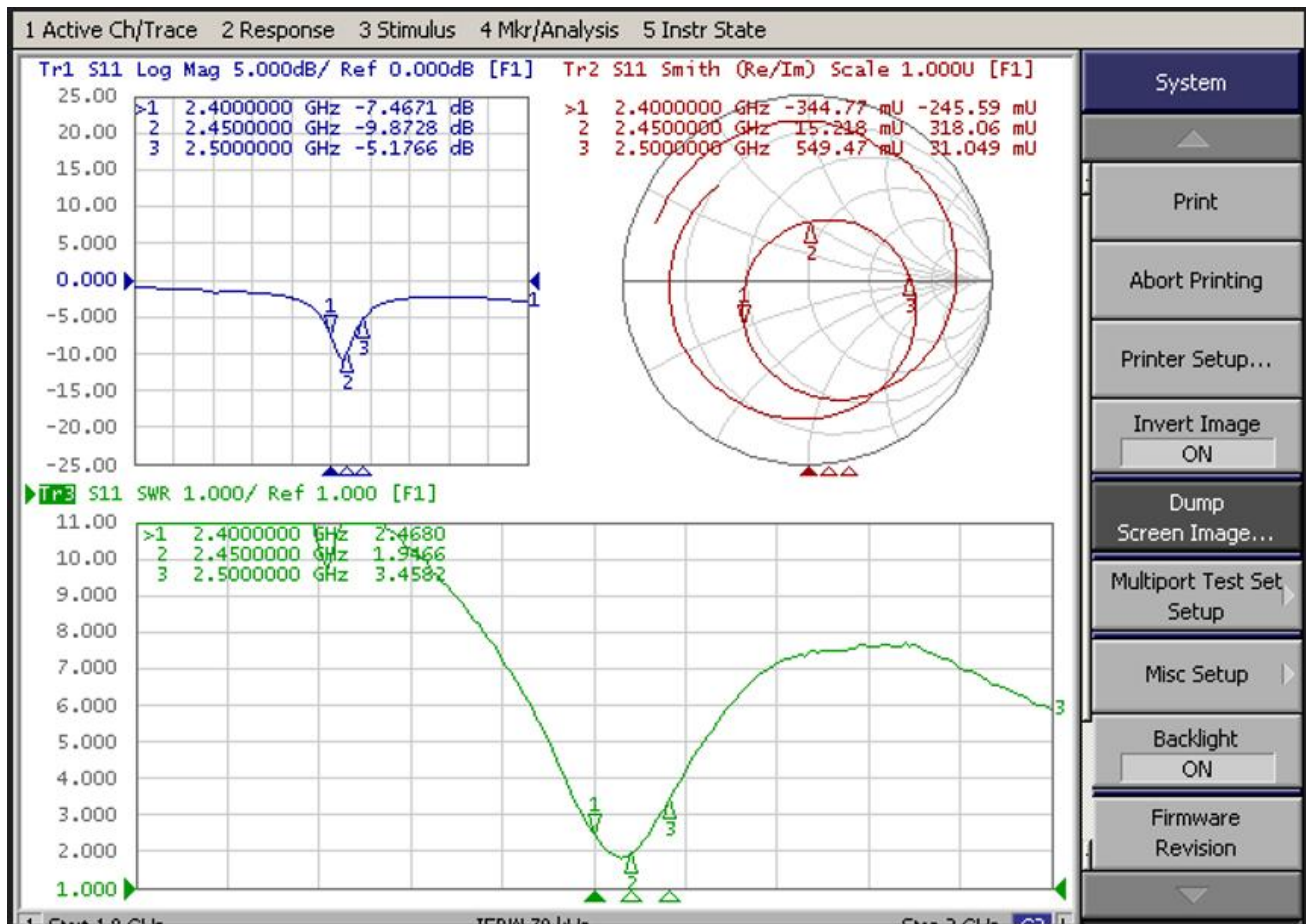
无源电性能指标 Passive Electrical Specifications

频率范围 Frequency Range (MHz)	2400-2500MHZ
输入阻抗 Input Impendence (Ω)	50
电压驻波比 VSWR	≤4
增益 Gain (dBi)	<2dBi



五、电气性能报告 Electrical Performance Report

- 驻波比图 VSWR tandinG WAVE RATIO (VSWR) DIAGRAM



Frequency (MHz)	2400	2450	2500
VSWR	2.46	1.94	3.45

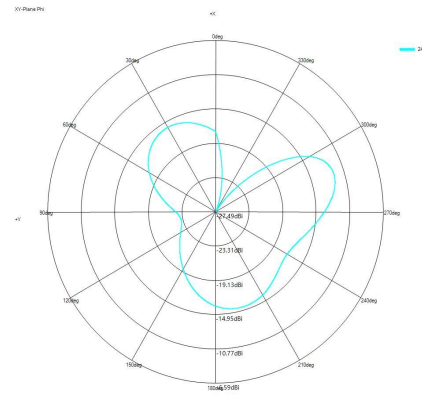
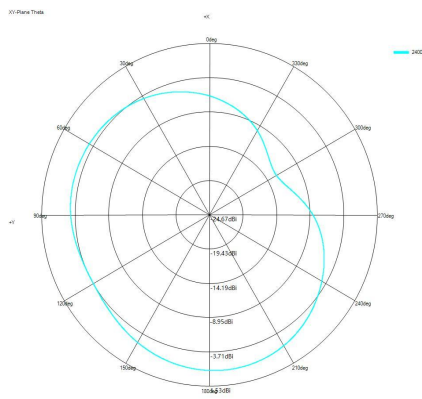
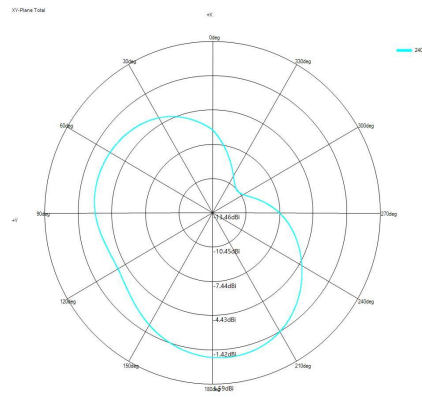
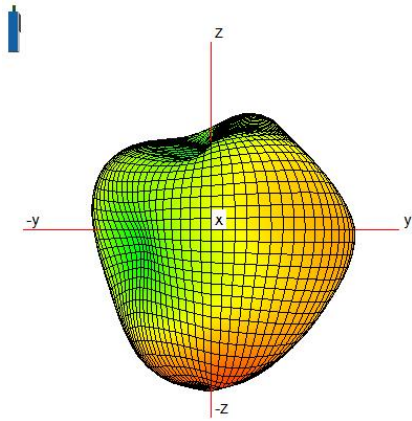


Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	1.57910836	-3.882665001	40.90095984
2410	1.563472231	-3.981668413	39.9791134
2420	1.370006059	-3.188930716	38.11596578
2430	1.255313868	-3.347069145	38.31302462
2440	1.130627869	-3.499295056	37.0470987
2450	0.863245673	-3.816483528	36.54767045
2460	0.433582483	-4.25020291	35.4124314
2470	0.036743923	-4.716852996	35.37110419
2480	-0.329835682	-5.12779223	35.95050414
2490	-0.651065371	-5.476039771	34.07106401
2500	-0.985049785	-5.821293865	32.35077189



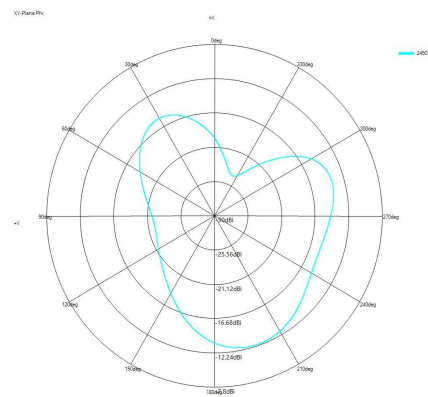
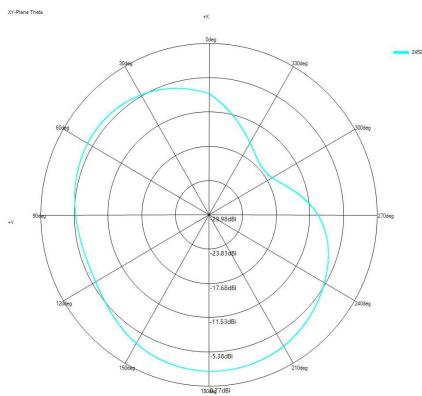
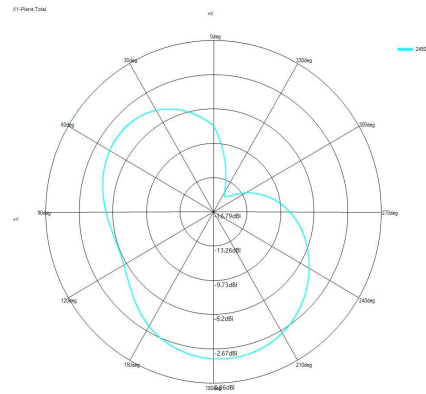
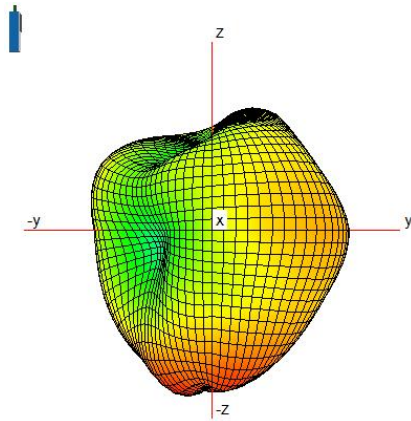
● 方向图 Direction diagram

BT 天线 2400Mhz antenna 2400MHz



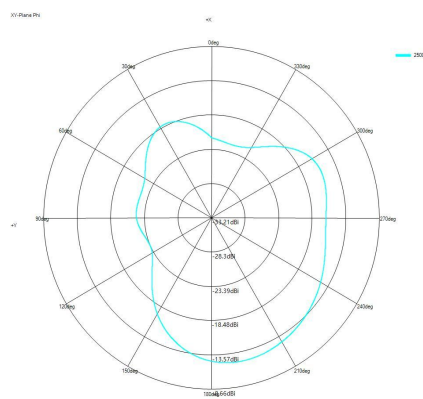
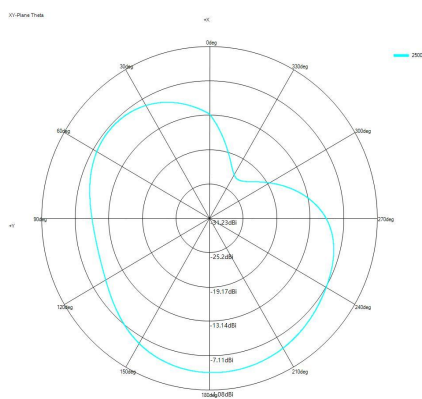
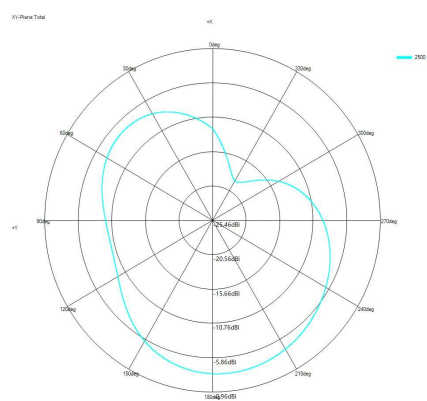
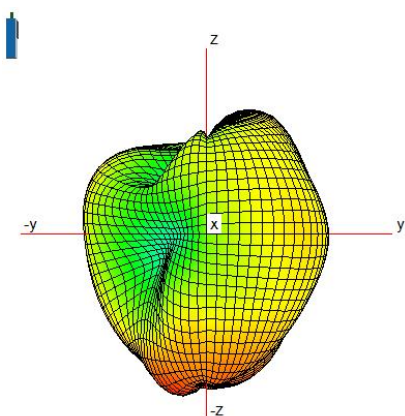


BT 天线 2450Mhz antenna2450Mhz





BT 天线 antenna2500Mhz antenna2500Mhz





六、工程图 schedule drawing; engineering drawing

