



承认书

APPROVAL SHEET

样品封订

客户名称 Customer Name 多酷

产品型号 Product Model AP905

客户料号 Customer P/N

规格描述 Specifications 外置天线, 双频, SMA公头母针

南斗星料号 Southstar P/N 3.N101.1363

制作日期 Production date 2024.10.25

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制造厂商: 深圳市南斗星科技有限公司

办公地址: 深圳市宝安区福海街道新和社区宝安大道 6099 号星港同创汇天枢座 803

制造地址: 广东省东莞市虎门镇赤岗南坊一路 3 号

电 话: 0755-27474071 0769-88086190

网 址: //www.southstar-tech.com



深圳市南斗星科技有限公司

SHENZHEN SOUTH STAR TECHNOLOGY CO.,LTD

承认书变更履历

版本	日期	变更描述	备注
1.0	2024. 10. 25	初版	



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A. 电性能Electrical Characteristics

Frequency 频率	2400MHz~2500MHz、5150MHz~5850MHz
VSWR 电压驻波比	≤2.5
Efficiency 效率	70.01%@2450MHz 66.23%5500MHz
Impedance 阻抗	50 Ohm
Polarization 极化	Linear
Gain 增益	1.65dBi@ 2450MHz 4.39dBi@5500MHz
Note 备注:	

射频材料 Material of Radiator	外置
射频线类型 Cable Type	1.78mm棕色同轴线
接头类型 Connector Type	SMA

工作温度 Operation Temperature	-30°C ~ +65°C
存放温度 Storage Temperature	-40°C ~ +70°C

测试设备 (Test Equipment & Conditions):

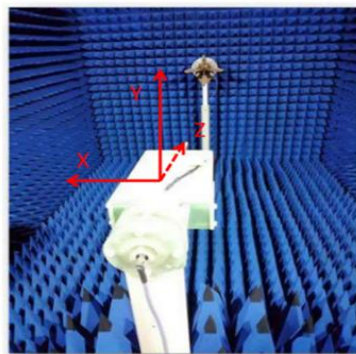
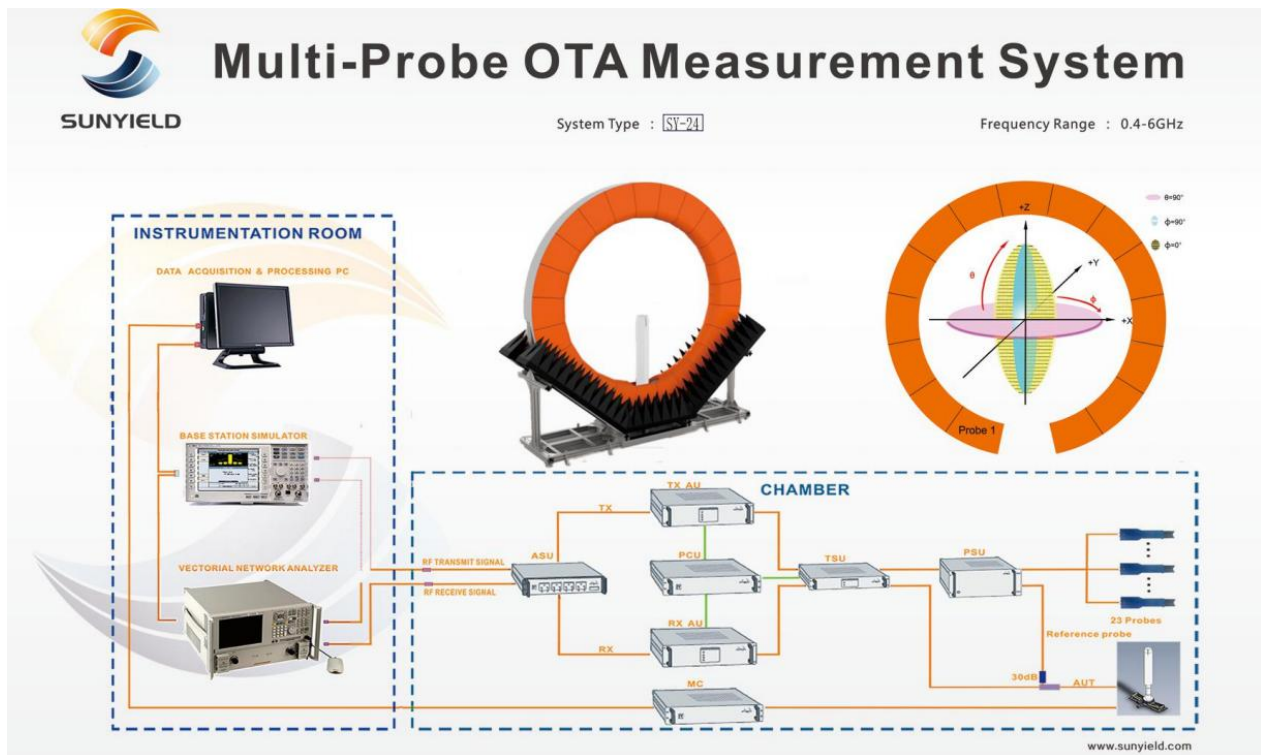
1. 网络分析仪 NetWork Analyzers:

Keysight E5071C

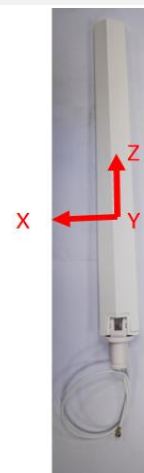
2. 综合测试仪 Comprehensive tester:

CMW500 、 MT8000A、 MT8862A

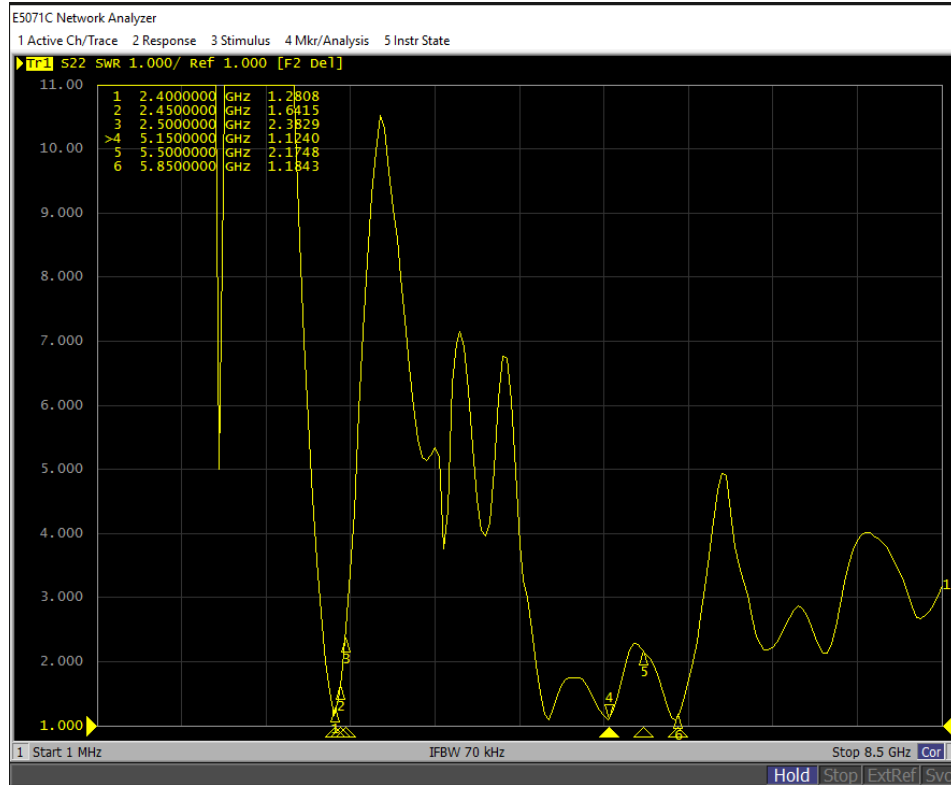
3. 3D 暗室测试系统 3D Chamber Test System:



H 面: XOY轴;
E1面: XOZ轴;
E2面: YOZ轴;

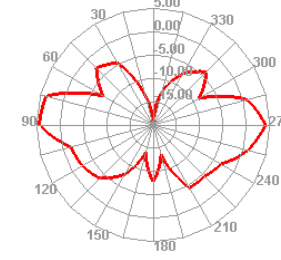
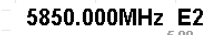
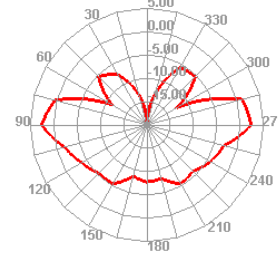
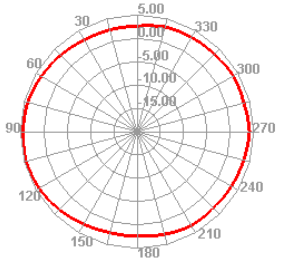
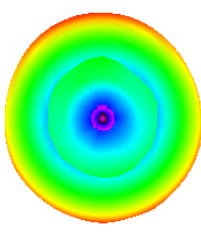
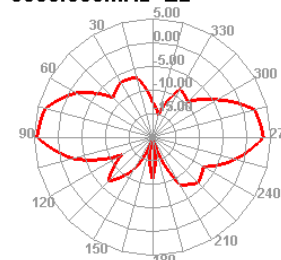
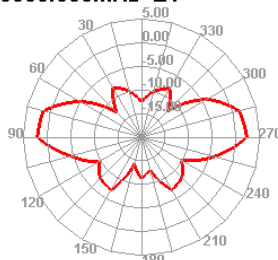
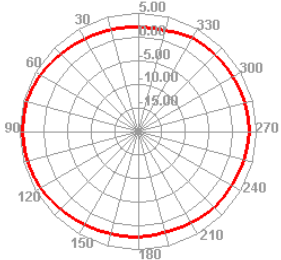
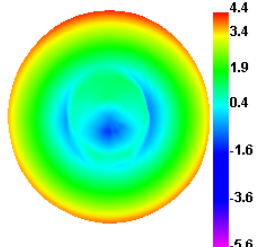
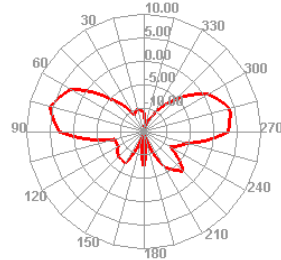
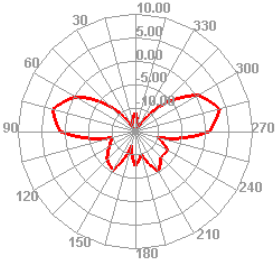
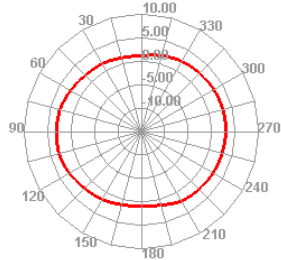
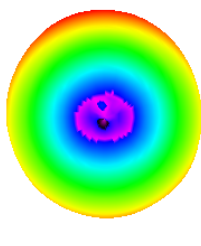
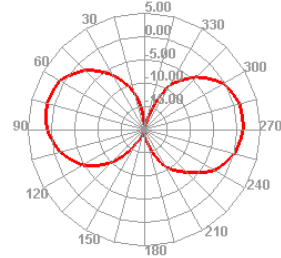
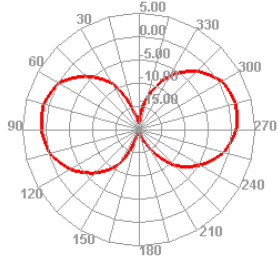
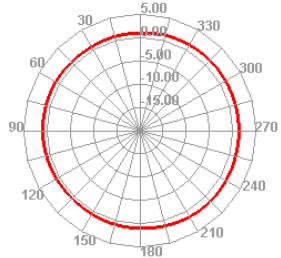
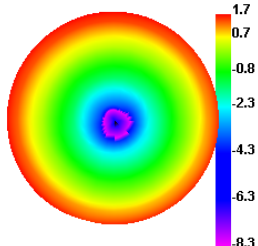
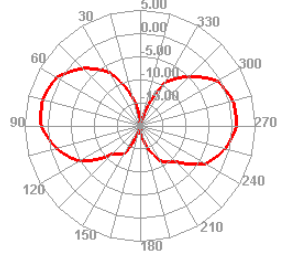
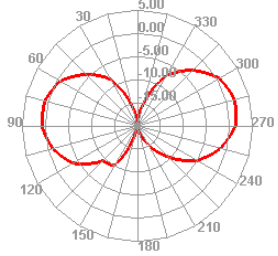
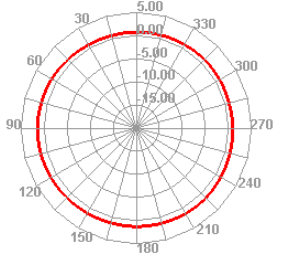
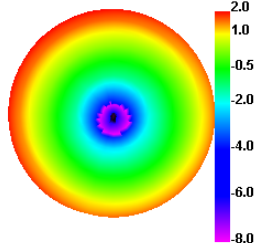
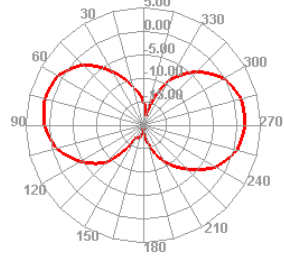
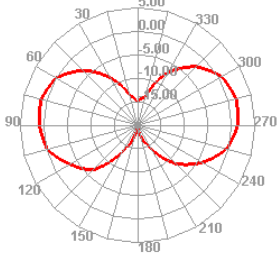
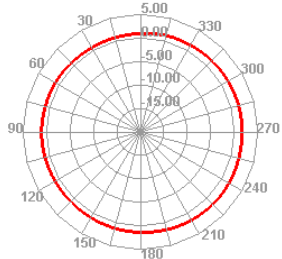
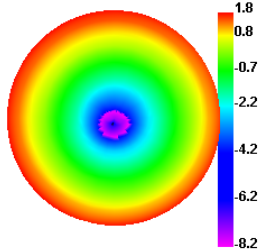


天线阻抗 (Antenna Impedance) : S11



效率&增益 (Efficiency & Gain) :

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
2400	73.28	1.81	5150	70.87	5.72
2410	70.83	1.69	5200	70.35	4.83
2420	72.35	1.84	5250	69.4	4.57
2430	72.83	1.87	5300	64.19	4.05
2440	71.22	1.74	5350	61.18	3.55
2450	70.01	1.65	5400	62.48	3.95
2460	69.89	1.66	5450	62.5	4.17
2470	67.53	1.58	5500	66.23	4.39
2480	66.67	1.68	5550	63.4	4.19
2490	70.93	2.14	5600	64.21	4.37
2500	66.15	1.99	5650	66.34	4.55
			5700	69.36	4.62
			5750	71.07	4.72
			5800	70.62	4.7
			5850	74.05	4.63

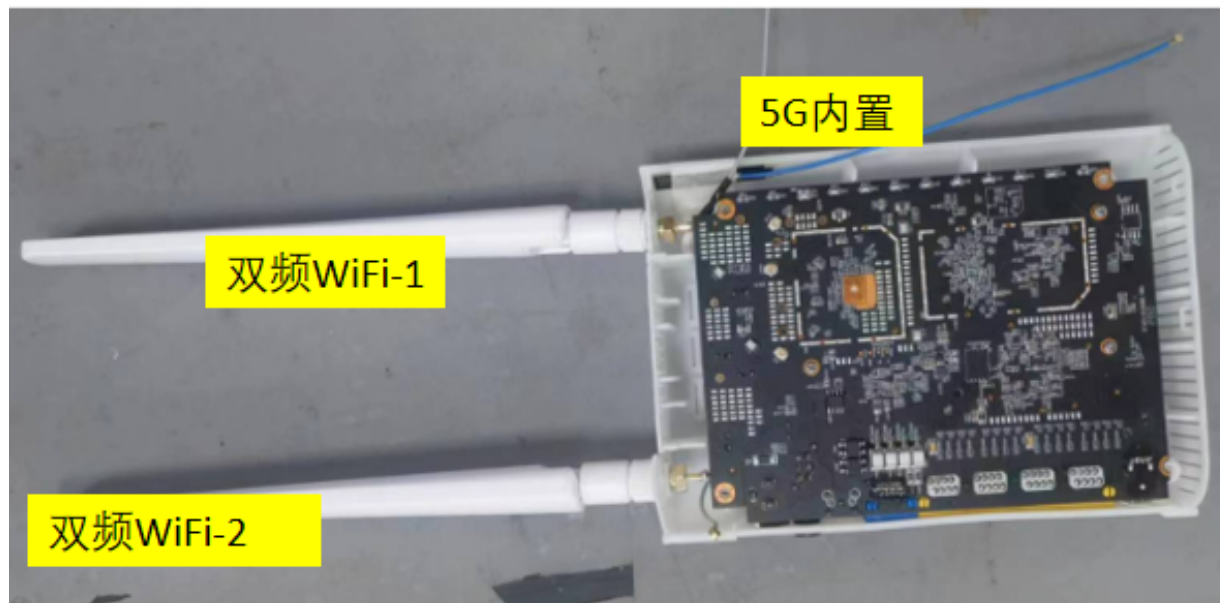




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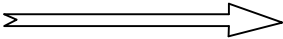
天线装配图片 (Antenna assembly picture):



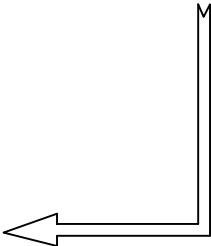
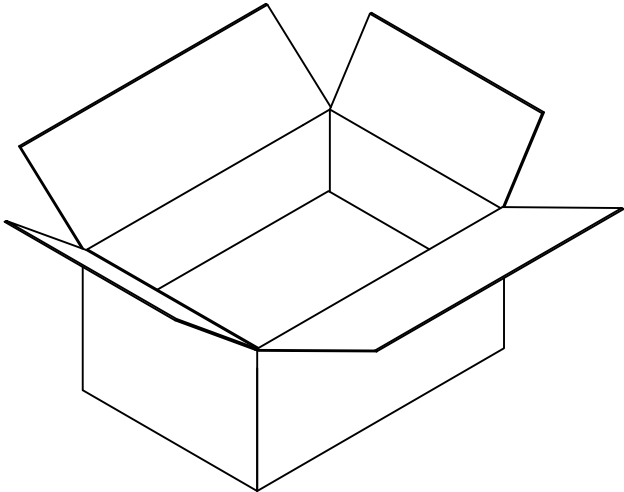
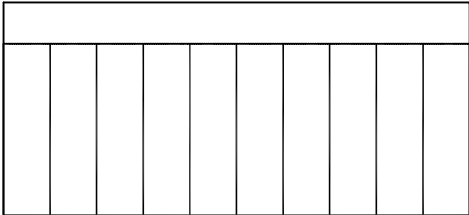


成品名称 天线	版本：A
	客户：多酷

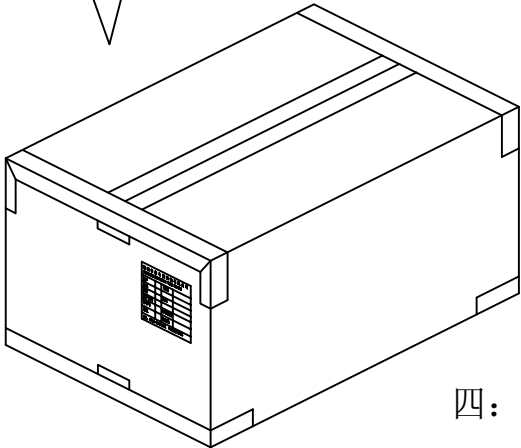
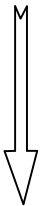
一：成品天线



二：装排袋，每排袋装50PCS产品，
然后5排带装一大夹链袋。



三：装箱 (20包/1000pcs装一箱)。



四：封箱，外箱贴我司生产标签。