



承认书

APPROVAL SHEET

样品封订

客户名称 Customer Name 多酷

产品型号 Product Model WR3600H

客户料号 Customer P/N

规格描述 Specifications 黑色利刃型外置天线, 2.4G, 1.37 白色 L=150mm

南斗星料号 Southstar P/N 3.N102.1338

制作日期 Production date 2024.08.09

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南斗星 (Southstar)		
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客户 (Customer)		
采 购 (PUR)	品质 (QC)	研发 (R&D)

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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	2024.08.09	初版	



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基本参数 (The basic parameters):

A. 电性能Electrical Characteristics	
Frequency 频率	2400MHz ~2500MHz
VSWR 电压驻波比	≤2
Efficiency 效率	77.57%@2450MHz
Impedance 阻抗	50 Ohm
Polarization 极化	Linear
Gain 增益	5.22dBi@2450MHz
Note 备注:	
B. 材料&物理性能Material & Mechanical Characteristics	
射频材料 Material of Radiator	外置
射频线类型 Cable Type	1.37mm 白色
接头类型 Connector Type	一代
C. 环境 Environmental	
工作温度 Operation Temperature	-30℃ ~ +65℃
存放温度 Storage Temperature	-40℃ ~ +70℃

测试设备 (Test Equipment & Conditions):

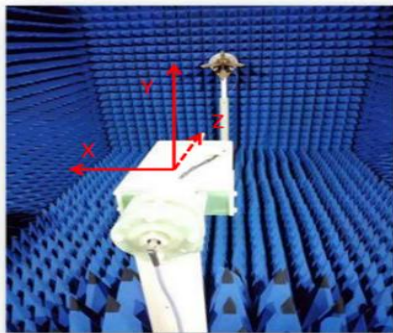
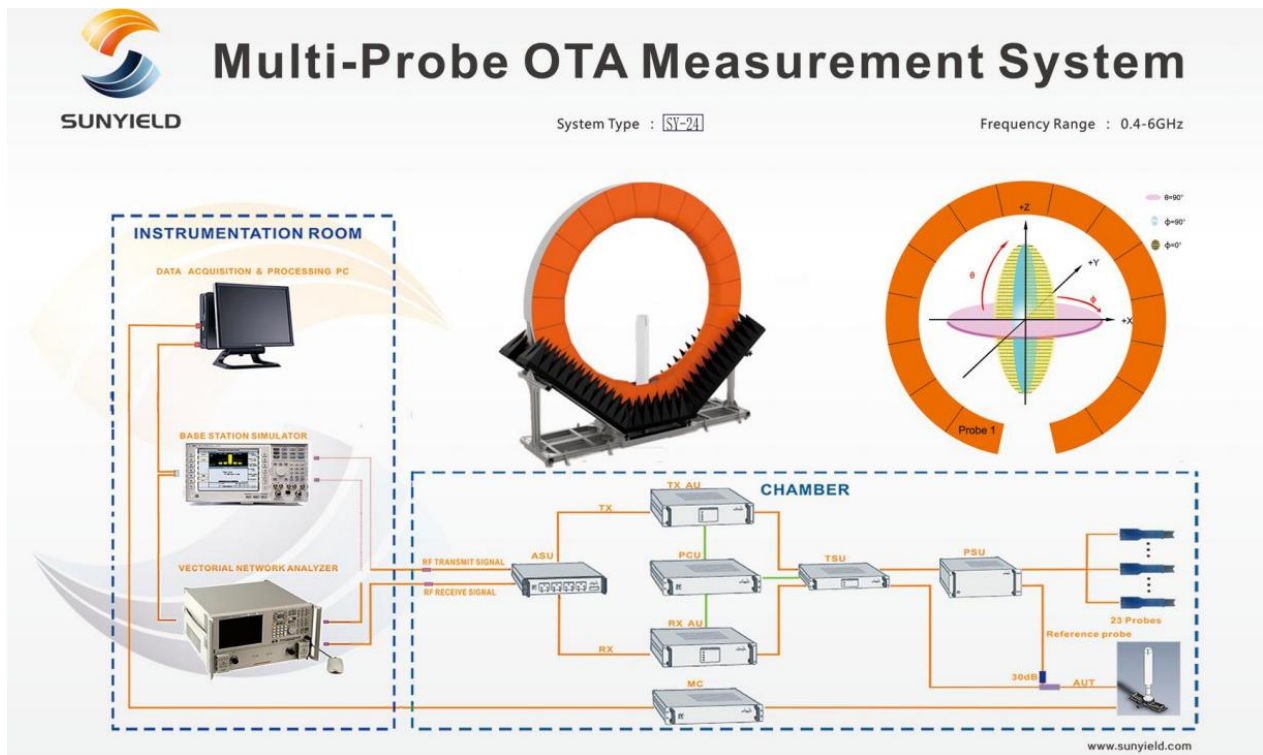
1. 网络分析仪 NetWork Analyzers:

Keysight E5071C

2. 综合测试仪 Comprehensive tester:

CMW500 、 MT8000A、 MT8862A

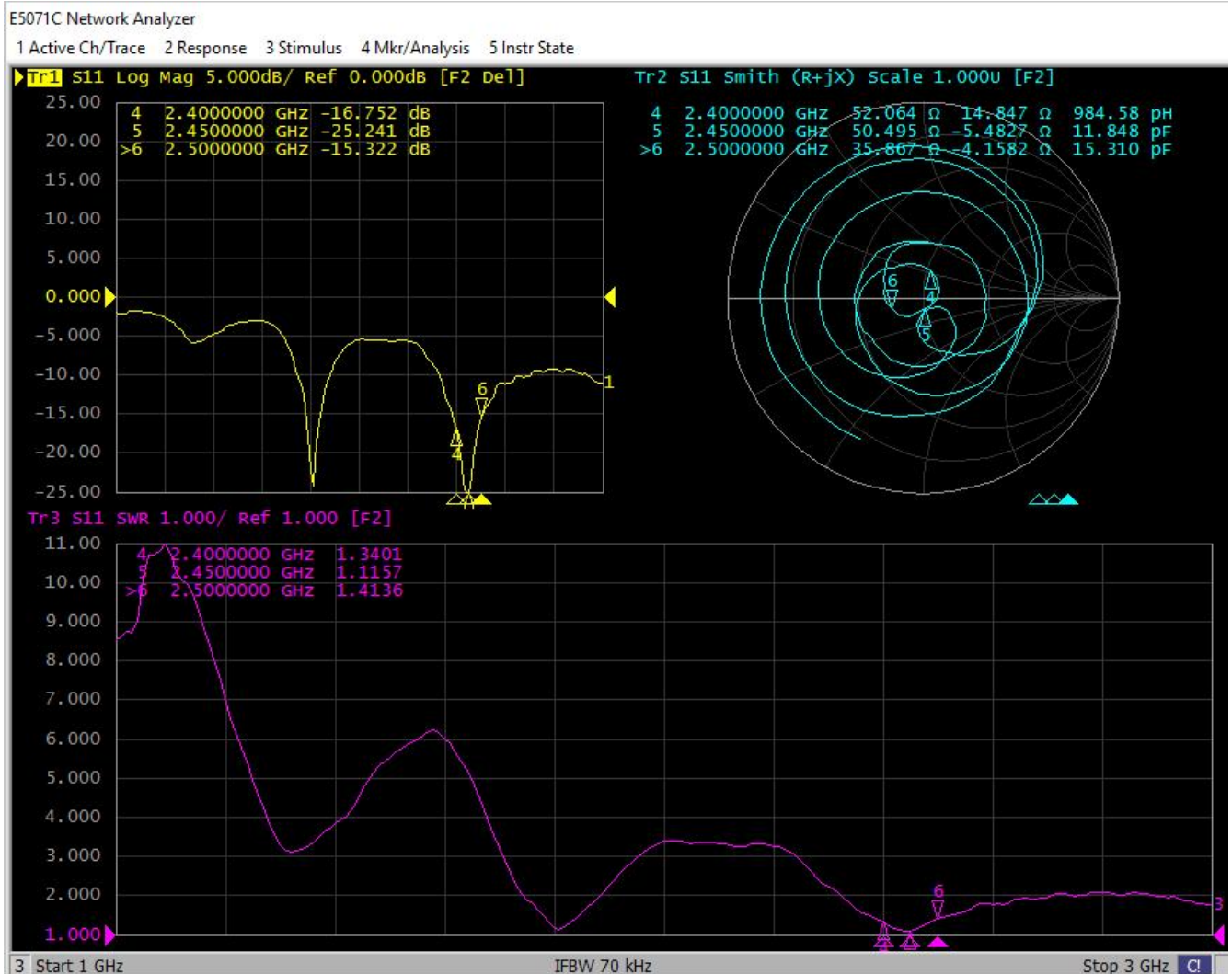
3. 3D 暗室测试系统 3D Chamber Test System:



H 面: XOY轴;
E1面: XOZ轴;
E2面: YOZ轴;



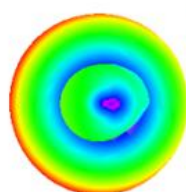
天线阻抗 (Antenna Impedance) : S11



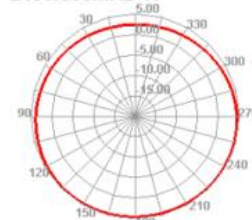
效率&增益(Efficiency & Gain):

Freq (MHz)	Effi (%)	Gain (dBi)
2400	72.18	4.71
2410	73.32	4.86
2420	74.64	4.91
2430	74.85	4.9
2440	75.69	5
2450	77.57	5.22
2460	78.06	5.38
2470	77.82	5.26
2480	76.93	5.13
2490	75.87	5.04
2500	75.53	5.02

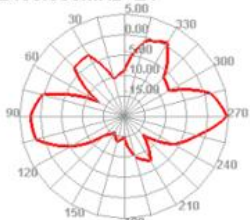
2400.000MHz



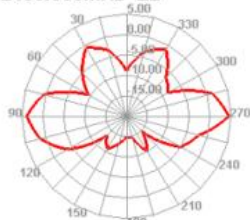
2400.000MHz H



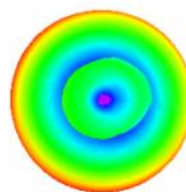
2400.000MHz E1



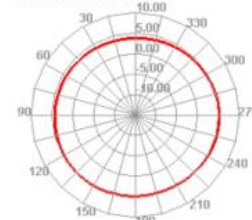
2400.000MHz E2



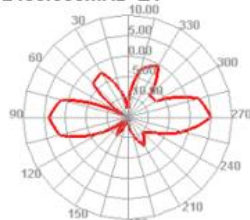
2450.000MHz



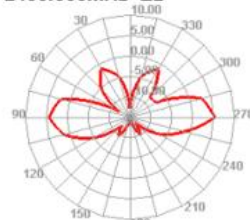
2450.000MHz H



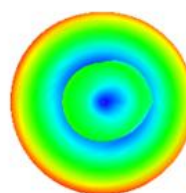
2450.000MHz E1



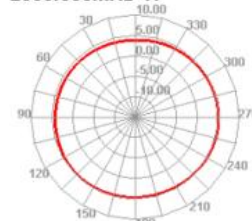
2450.000MHz E2



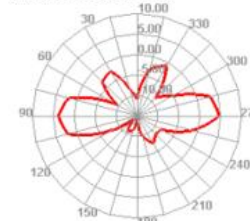
2500.000MHz



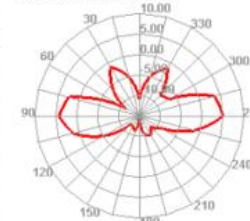
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



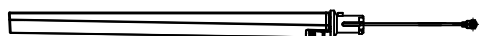
天线装配图片 (Antenna assembly picture):



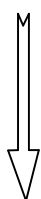
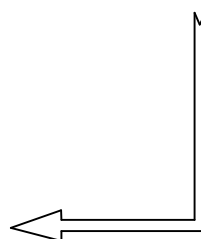
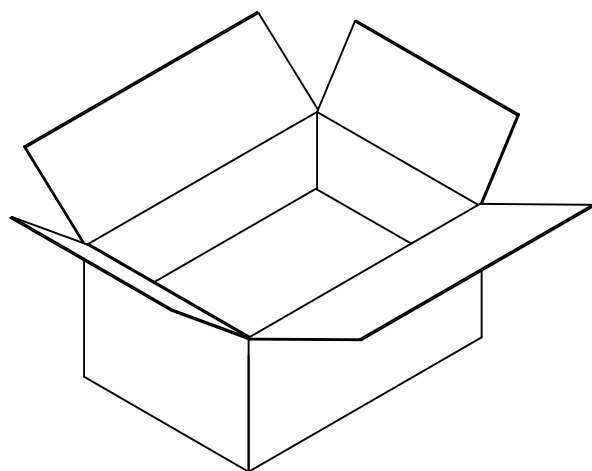
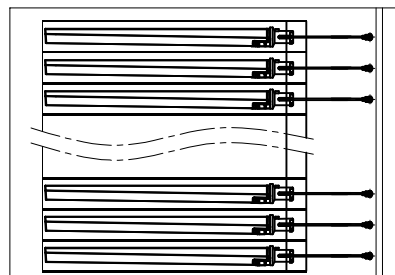
成品名称：利刃外置天线-黑色

版本：A

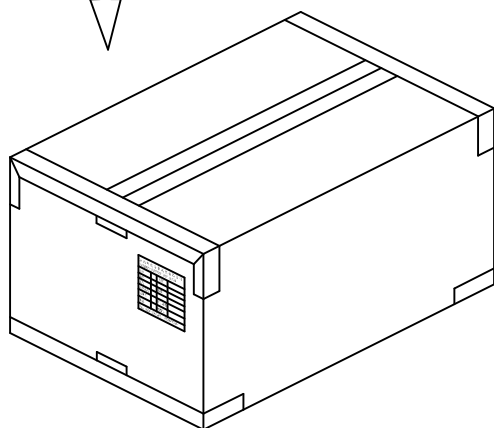
一：成品天线



二：每10PCS装排袋，50PCS产品用一个夹链袋包装。



三：装箱, 每箱装600PCS (以实际包装为准)。



四：封箱，外箱贴我司生产标签和ROHS标签。

制作：雷双露

审核：