



承认书

APPROVAL SHEET

客户名称 Customer Name 多酷

产品型号 Product Model TAP962C

客户料号 Customer P/N

规格描述 Specifications 2. 4G-1 WIFI 天线

南斗星料号 Southstar P/N 3. N101. 1181

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客户 (Customer)		
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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	8.26	初版	
2.0	9.4	更改项目名	由 TAP3000 变更为 TAP962C



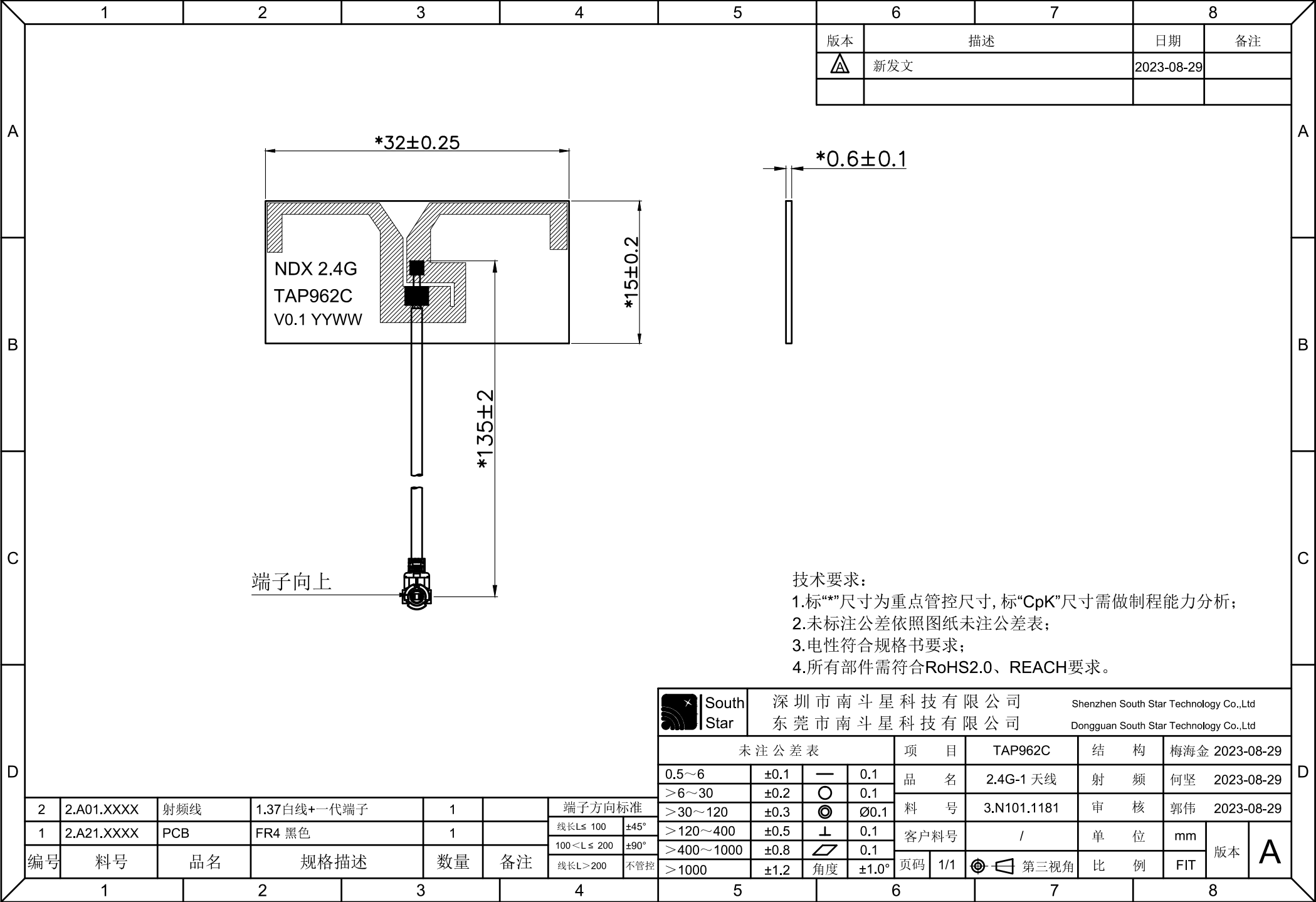
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基本参数(The basic parameters)

A. 电性能Electrical Characteristics	
Frequency 频率	2400MHz~ 2500MHz
VSWR 电压驻波比	<2
Efficiency 效率	>69%
Impedance 阻抗	50 Ohm
Polarization 极化	Linear
Gain 增益(Peak Gain)	4.29dBi
Antenna type 天线类型	PIFA
B. 材料&物理性能Material & Mechanical Characteristics	
射频材料 Material of Radiator	PCB Black
射频线类型 Cable Type	Φ 1.37mm White
接头类型 Connector Type	一代
C. 环境 Environmental	
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)

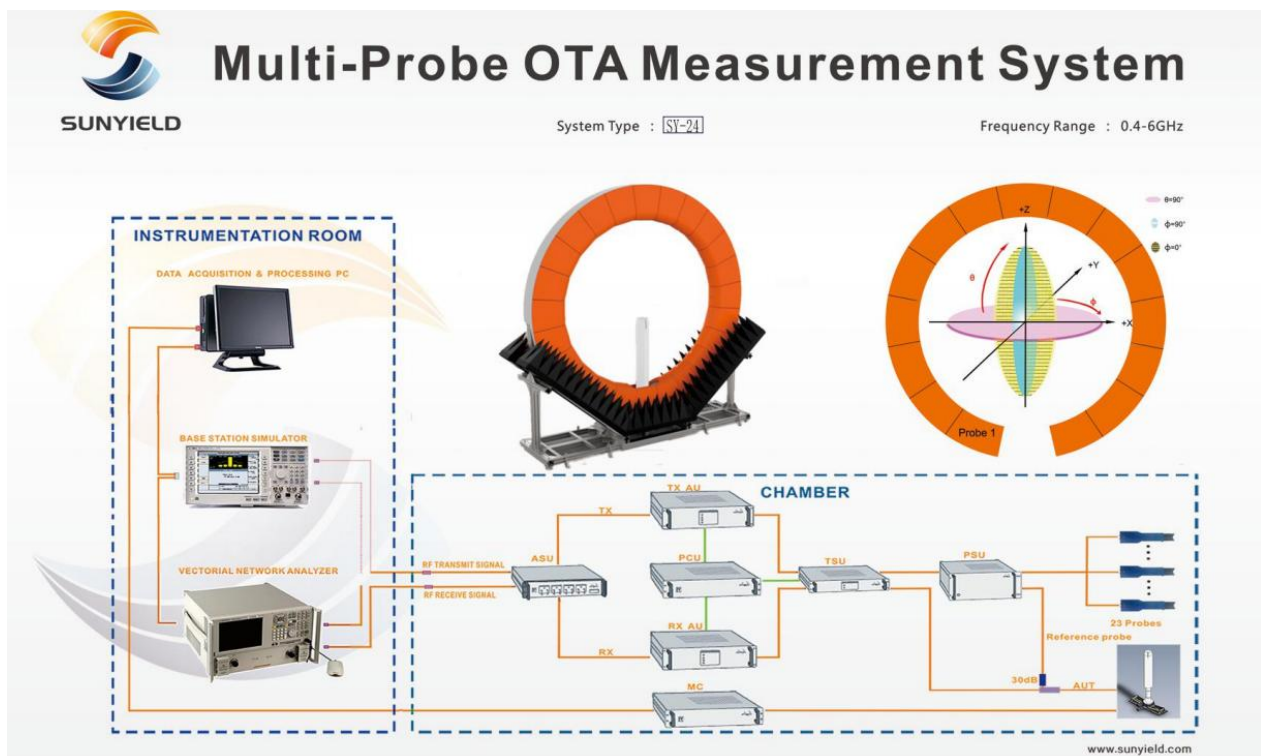
1. 网络分析仪 NetWork Analyzers:

Keysight E5071C

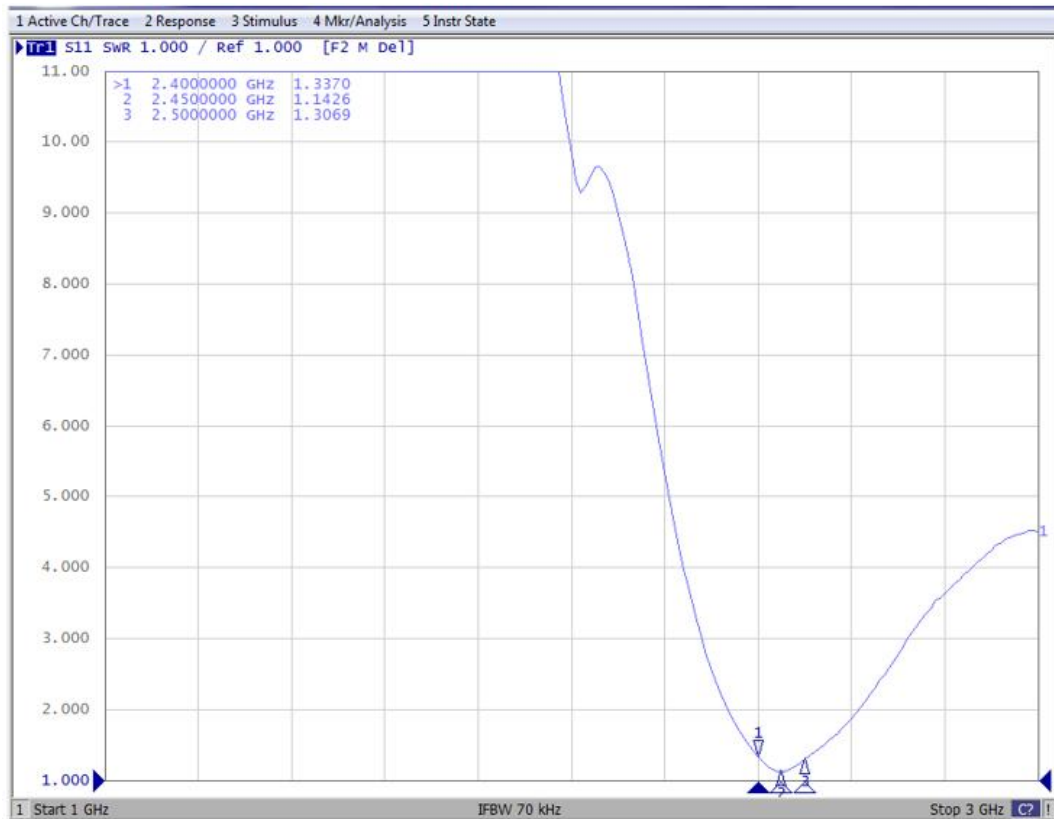
2. 综合测试仪 Comprehensive tester:

CMW500 、 MT8000A、 MT8862A

3. 3D 暗室测试系统 3D Chamber Test System:



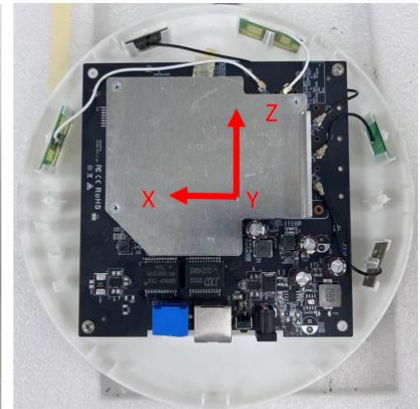
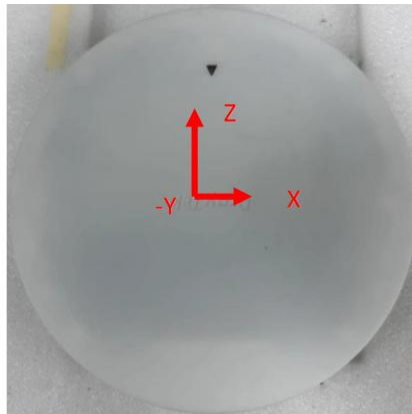
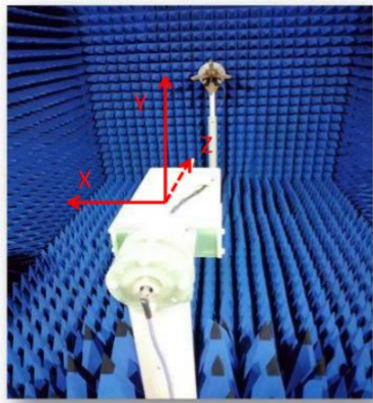
天线阻抗Antenna Impedance: S11



效率&增益Efficiency & Gain:

Freq (MHz)	Effi (%)	Gain (dBi)
2400	72.81	4.07
2410	69.88	3.8
2420	69.47	3.83
2430	70.16	4
2440	74.72	4.29
2450	73.87	4.27
2460	72.59	4.06
2470	71.29	3.87
2480	71.94	3.77
2490	70.24	3.52
2500	69.44	3.31
avg.	71.49	3.89

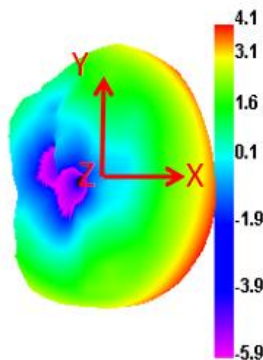
暗室图片及转轴定义Darkroom picture and axis definition:



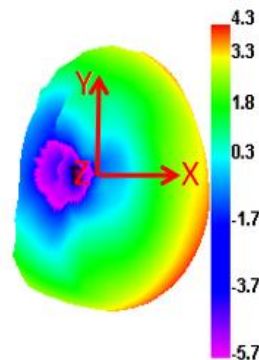
H 面: XOY轴;
E1面: XOZ轴;
E2面: YOZ轴;

天线3D&2D方向图Antenna 3D & 2D pattern:

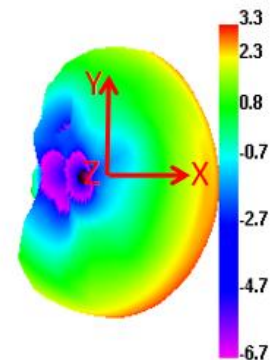
2400.000MHz



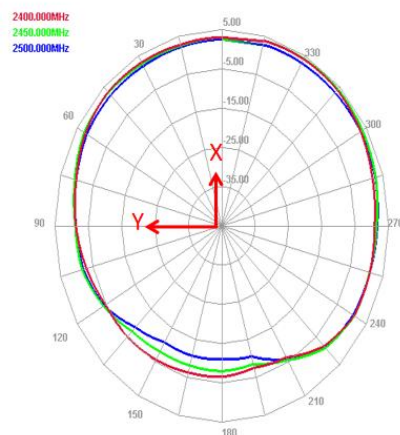
2450.000MHz



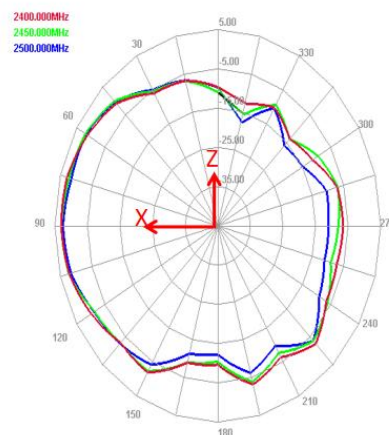
2500.000MHz



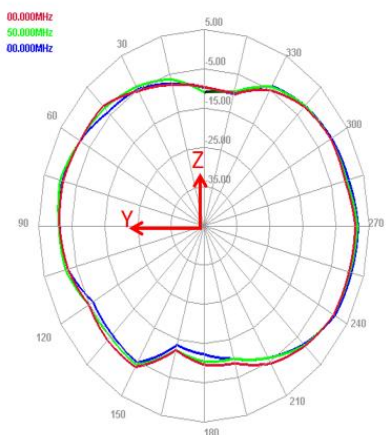
Horizontal



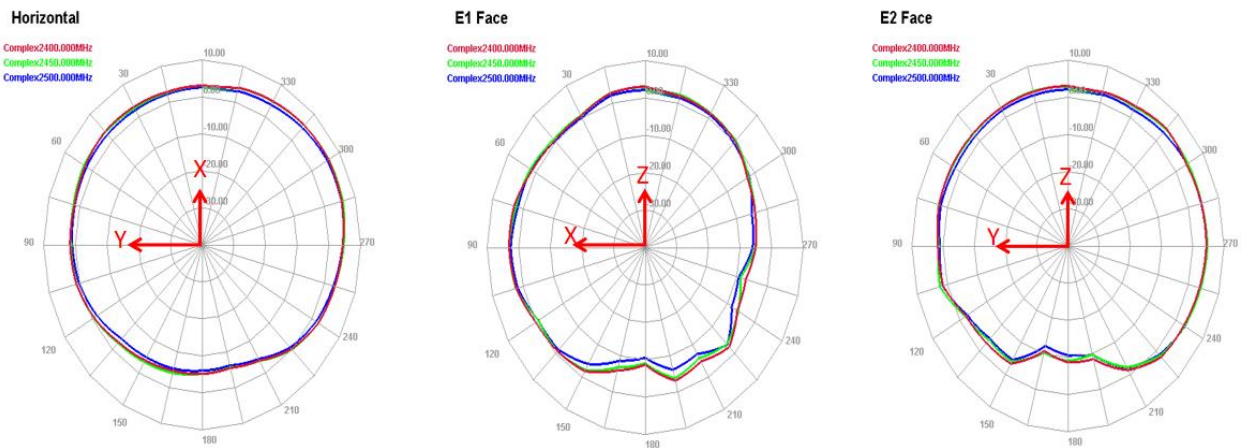
E1 Face



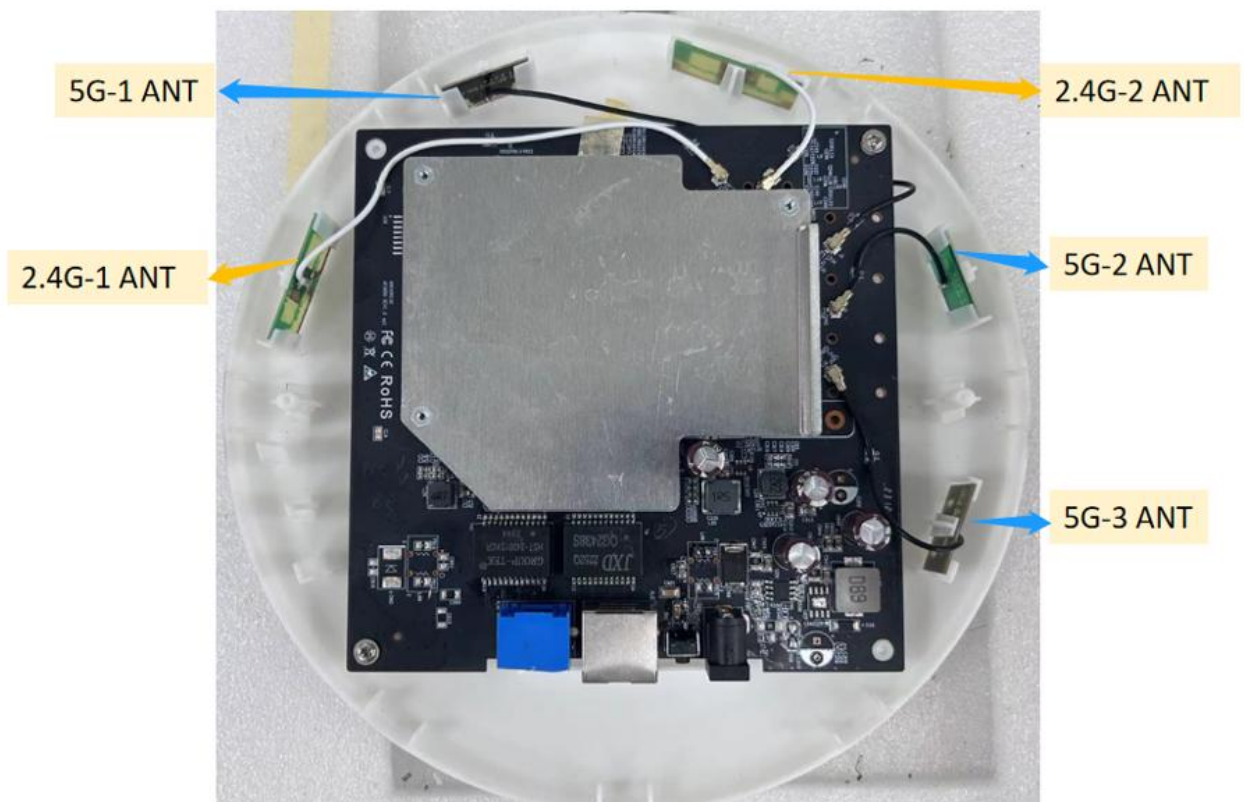
E2 Face



2.4G-1天线与2.4G-2天线_合成图2D:



天线装配图片 antenna assembly picture:



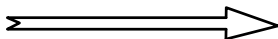
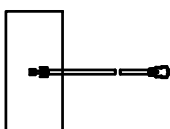


成品名称：TAP962C天线

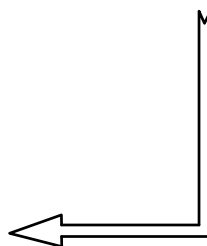
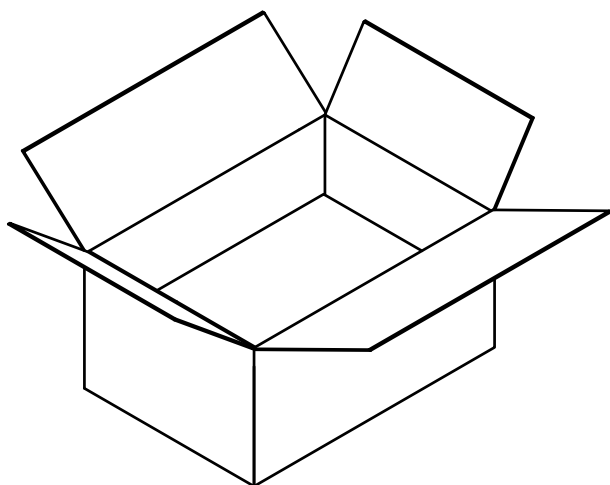
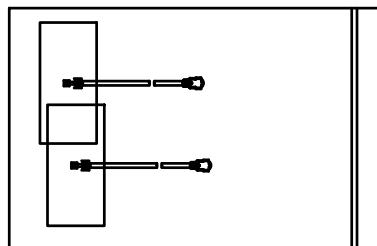
版本：A

客户：多酷

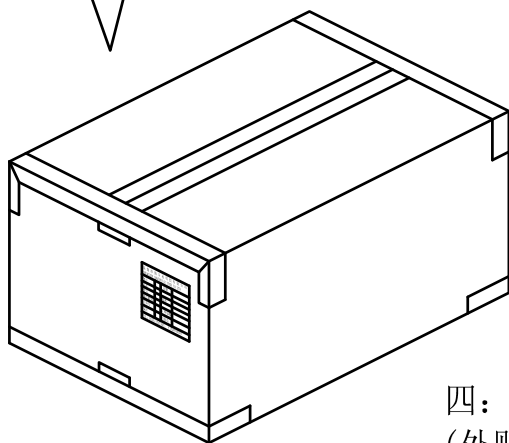
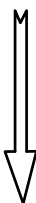
一：成品天线



二：装袋，每PE袋装300PCS产品.



三：装箱(以实际包装为准)。



四：封箱，外箱贴我司生产标签
(外贴RoHS、无铅、Pb等标识)。