



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-2 WIFI 天线

南斗星料号 Southstar P/N 3. N101. 1182

制作日期 Production date 2023. 9. 4

制作版本 Revision 2.0

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

制造厂商：深圳市南斗星科技有限公司

深圳地址：深圳市宝安区西乡鹤州恒丰工业城 C6 栋 10 楼

东莞地址：东莞市虎门镇赤岗南坊一路 3 号

电 话：0755-27474071 传真：0755-29976316

网 址：WWW.SZ-SOUTHSTAR.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	8.26	初版	
2.0	9.4	更改项目名	由 TAP3000 变更为 TAP962C



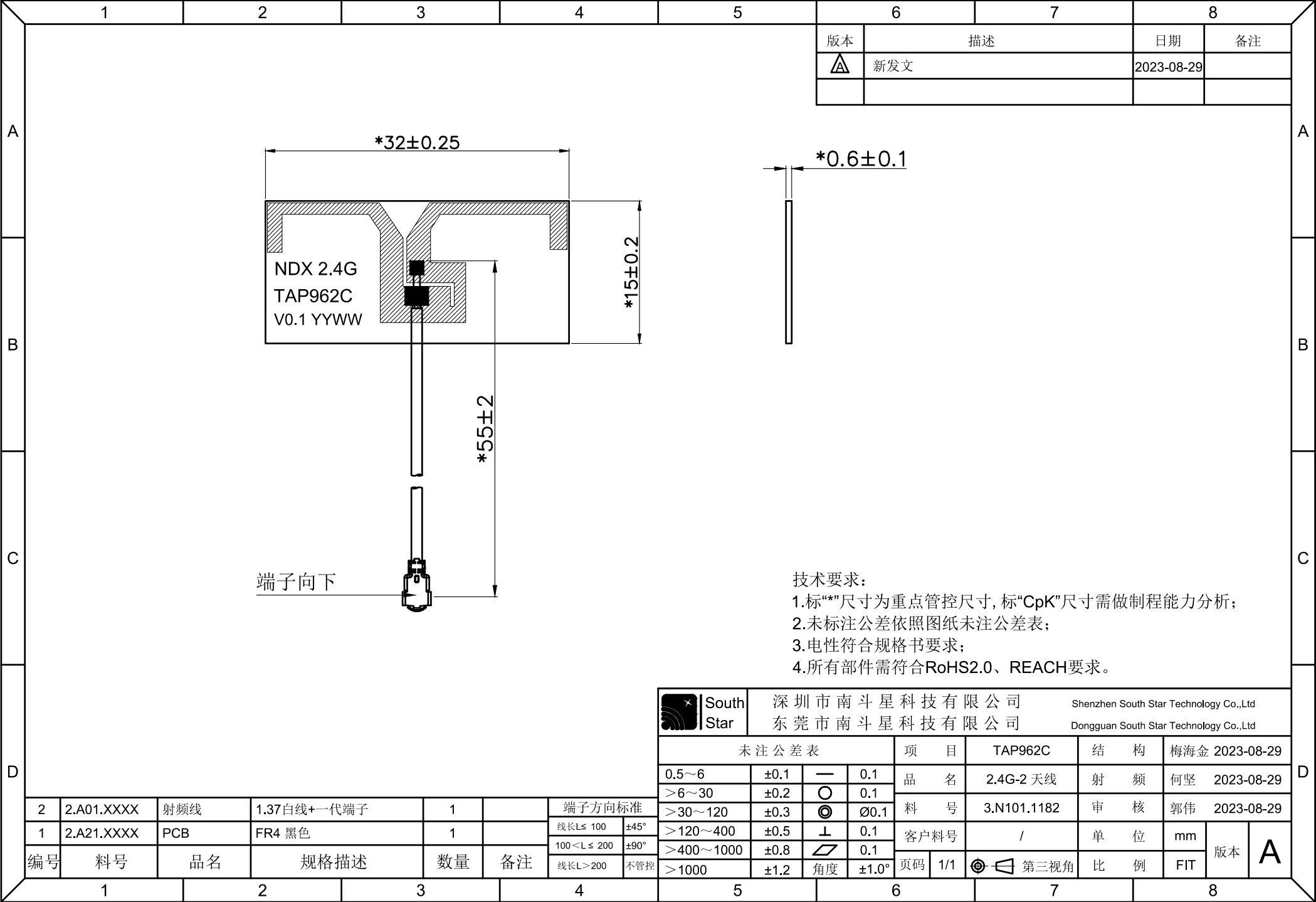
目 录

Index

一、封面（Cover）	1
二、版本记录（Colophon）	2
三、目录（Index）	3
四、基本参数（The basic parameters）	4
五、工程图纸（Product Drawing）	5
六、测试设备（Test Equipment & Conditions）	6
七、测试报告（Test Report）	7-9
八、天线装配图片（ antenna assembly picture）	9
九、包装方式（Packing method）	10

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	>68%
Impedance 阻抗	50 Ohm
Polarization 极化	Linear
Gain 增益(Peak Gain)	4.33dBi
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)

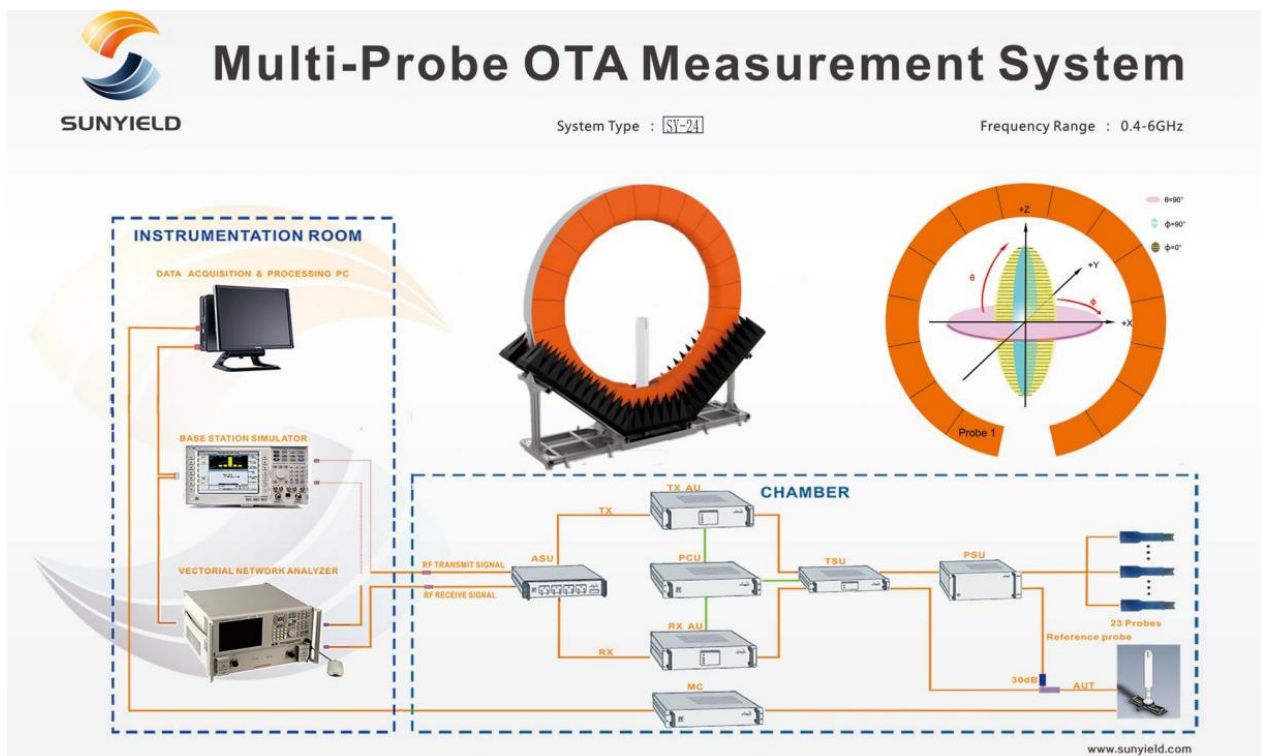
1. 网络分析仪 NetWork Analyzers:

Keysight E5071C

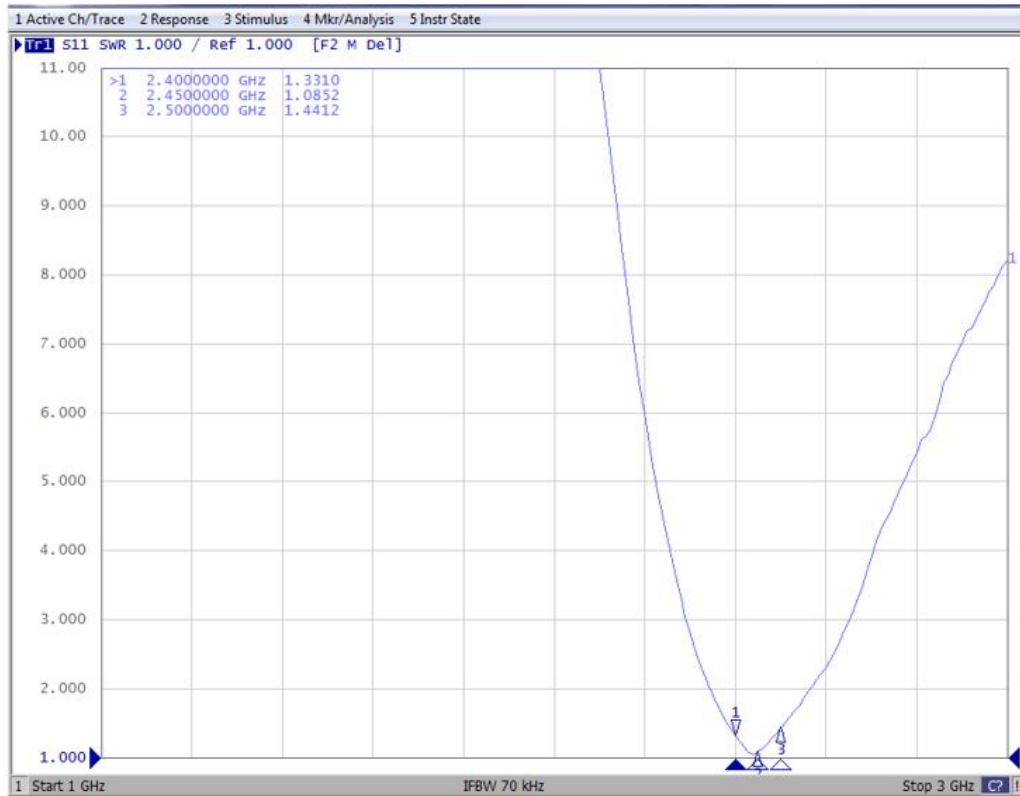
2. 综合测试仪 Comprehensive tester:

CMW500 、 MT8000A、 MT8862A

3. 3D 暗室测试系统 3D Chamber Test System:



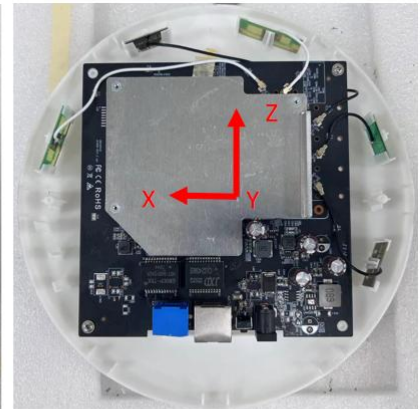
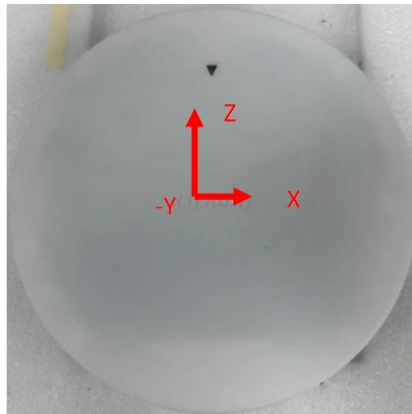
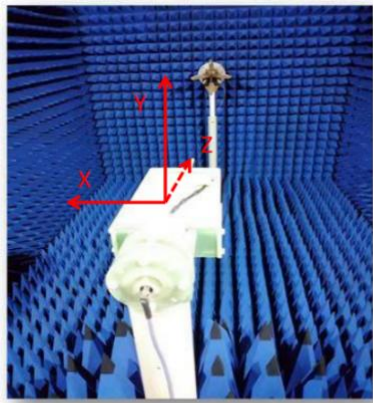
天线阻抗Antenna Impedance: S11



效率&增益Efficiency & Gain:

Freq (MHz)	Effi (%)	Gain (dBi)
2400	74.88	4.33
2410	70.22	3.89
2420	68.91	3.64
2430	70.47	3.7
2440	74.48	3.86
2450	74.99	4.04
2460	72.66	3.93
2470	72.25	3.87
2480	71.1	3.71
2490	69.49	3.32
2500	68.12	3.3
avg.	71.60	3.78

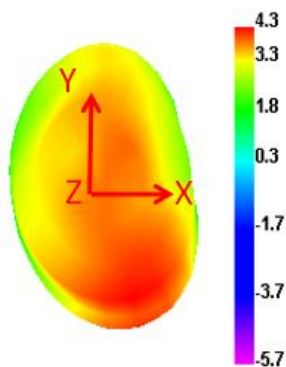
暗室图片及转轴定义Darkroom picture and axis definition:



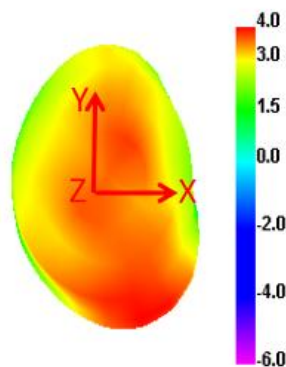
H 面: XOY轴;
E1面: XOZ轴;
E2面: YOZ轴;

天线3D&2D方向图Antenna 3D & 2D pattern:

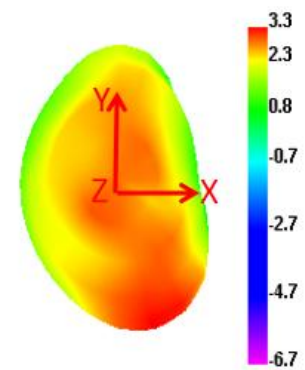
2400.000MHz



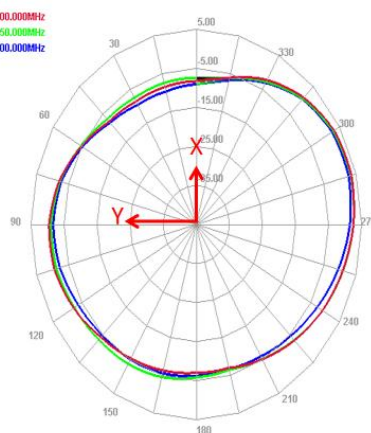
2450.000MHz



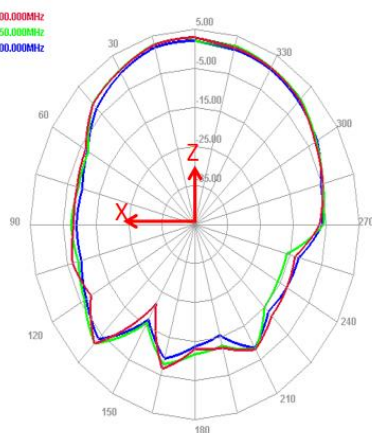
2500.000MHz



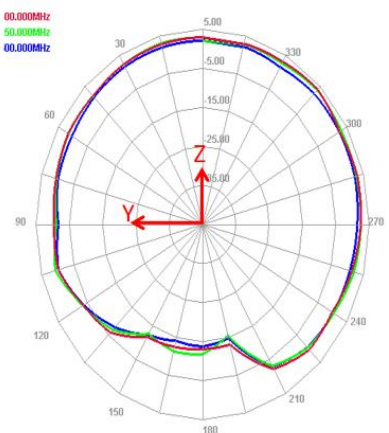
Horizontal



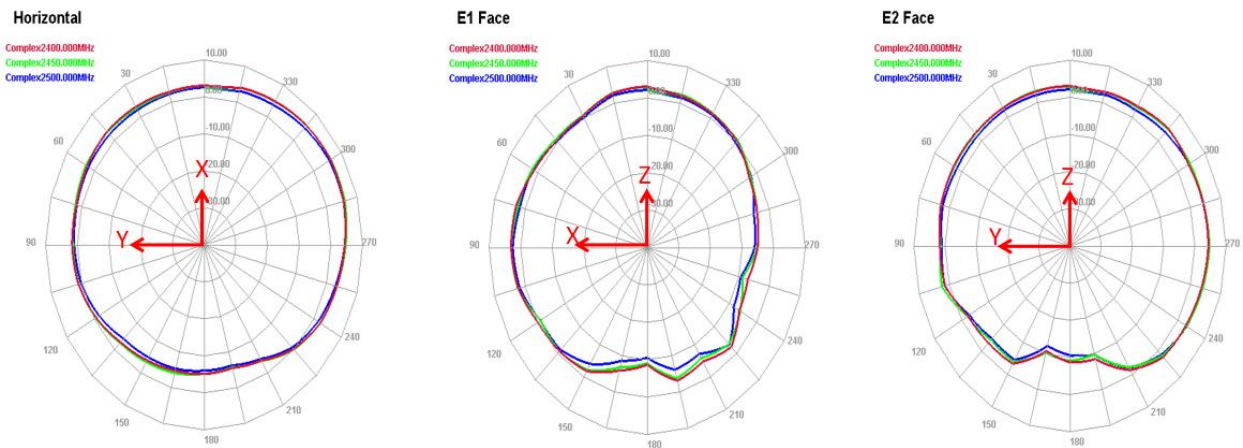
E1 Face



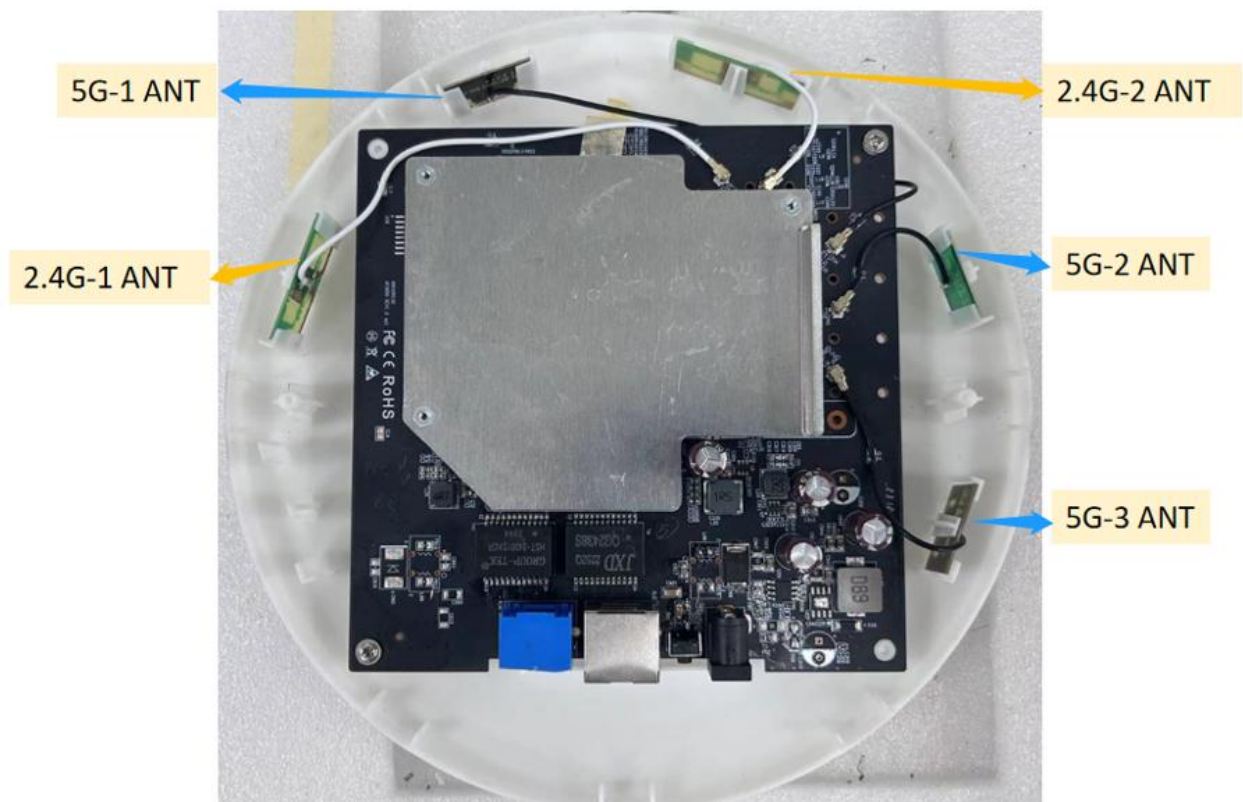
E2 Face



2.4G-1天线与2.4G-2天线_合成图2D:



天线装配图片 antenna assembly picture:



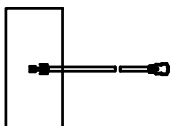


成品名称：TAP962C天线

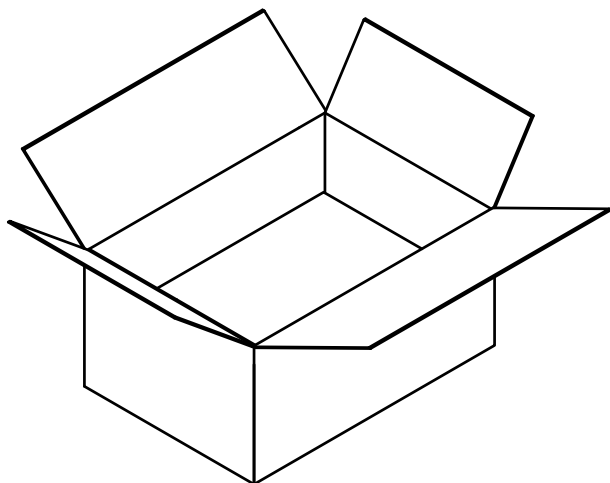
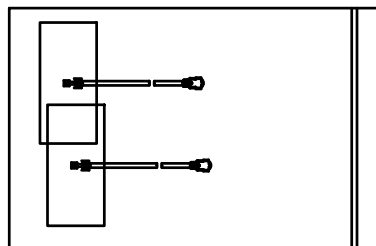
版本：A

客户：多酷

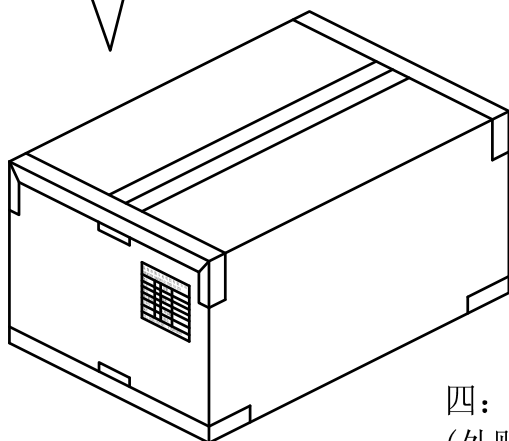
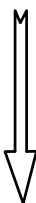
一：成品天线



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)。