



深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

网址: www.zkant.com

产品规格书

Product Specification

客户名称 Customer Name: 联宠智能科技有限公司

项目名称 Project Name: F04 喂食器

规格描述 Product Spec: IPEX-3 代-1.13-FPC

客户物料编码: 20.01.10.00008

日期 Date: 2023/11/24

制作 drawing	审核 check	批准 approved
温勇鹏	王昌荣	蒋振华



客户承认 Customer Approve

审核 check	批准 approved	承认 approval



深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

网址: www.zkant.com

目录

Index

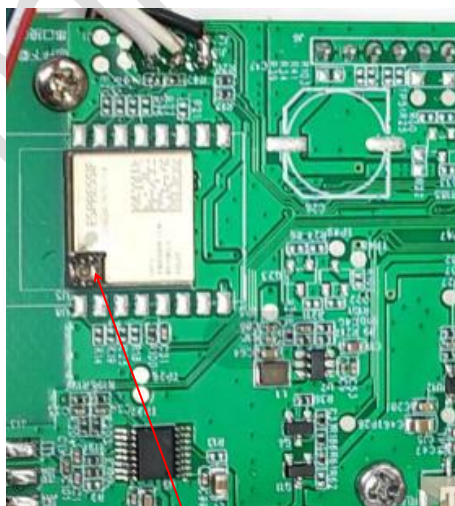
一、项目图 Project Chart	-----page3
二、天线匹配 Antenna Matching	-----page3
三、电性能指标 Electrical Performance Index	----page4/5/6/7
四、测试设备及原理 Testing Equipment&Principle	--page8/9
五、环境处理 Environmental treatment	-----Page10
六. 工程图纸 Product Drawing	-----Page11
七. 产品包装规范 Code for product packaging	-----Page12

1. 项目图 Project Chart



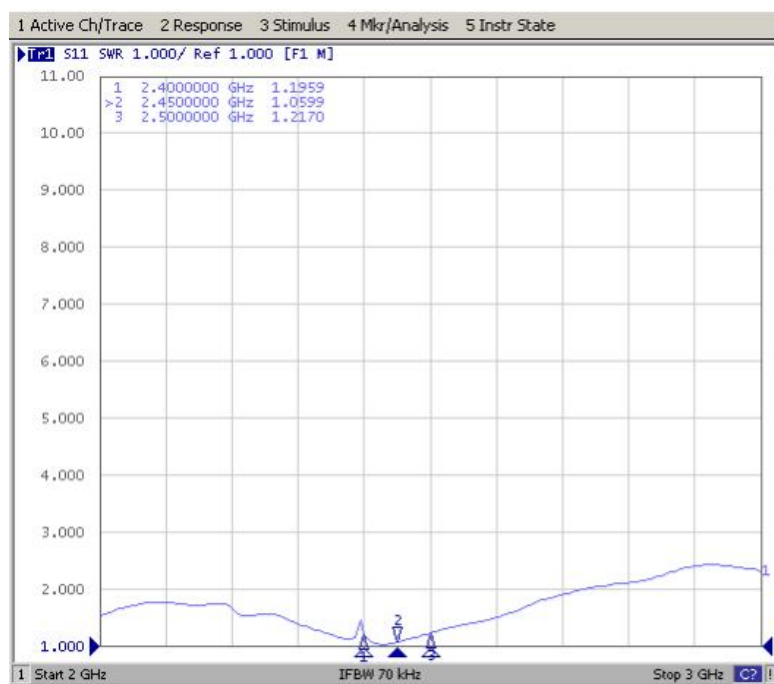
F04 喂食器

2. 天线匹配 Antenna Matching

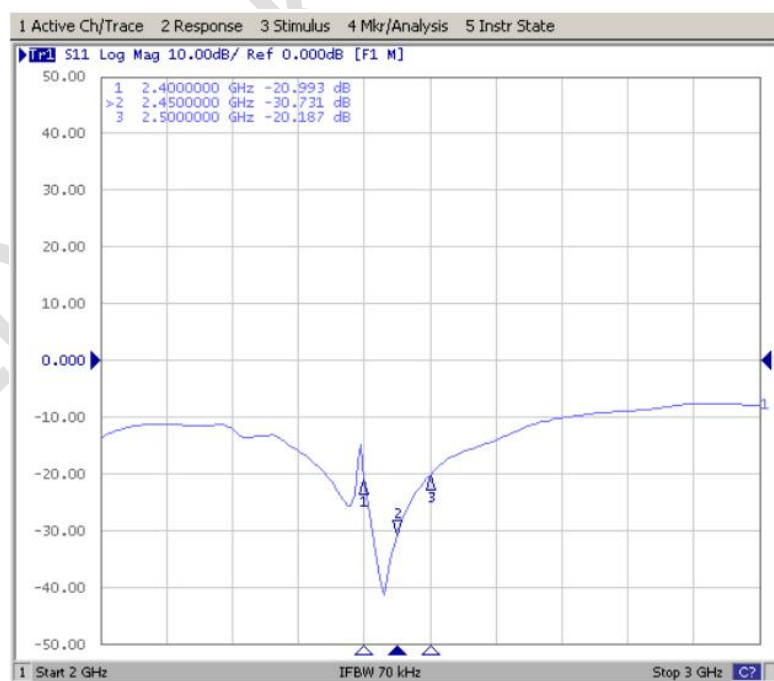


天线匹配未改动

3. 电性能指标 Electrical Performance Index



SWR



LOSS



深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

网址: www.zkant.com

Min door 2400-2500			
Frequency MHZ	2400	2450	2500
VSWR	1.19	1.05	1.21

一. 无源增益效率:

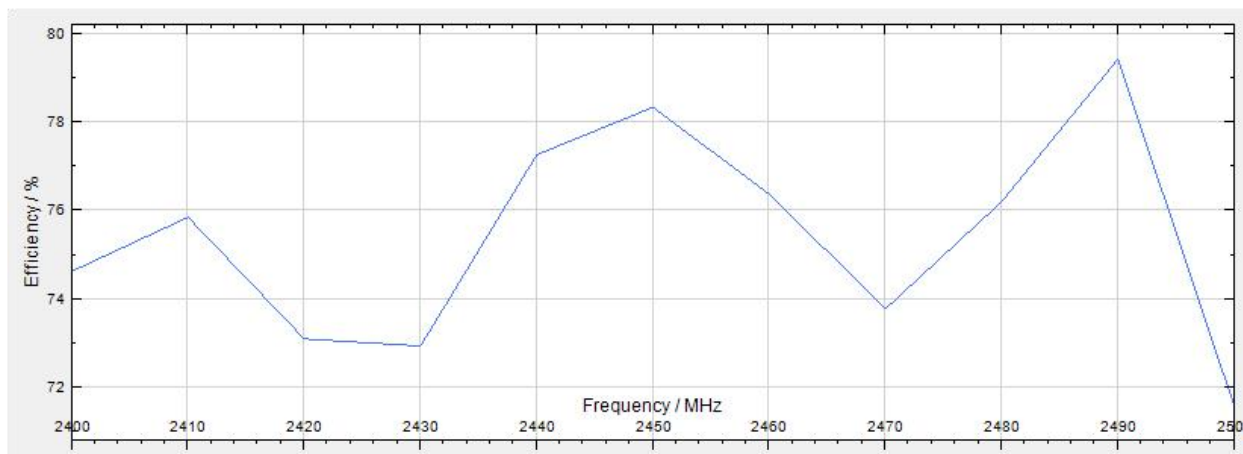
2.4G 增益 效率		
Frequency MHZ	Gain	Efficiency Pcent
2400	4.48	74.6
2410	4.75	75.8
2420	4.61	73.1
2430	4.78	72.9
2440	5.04	77.2
2450	5.05	78.3
2460	4.9	76.3
2470	4.7	73.7
2480	4.87	76.2
2490	5.1	79.4
2500	4.67	71.6



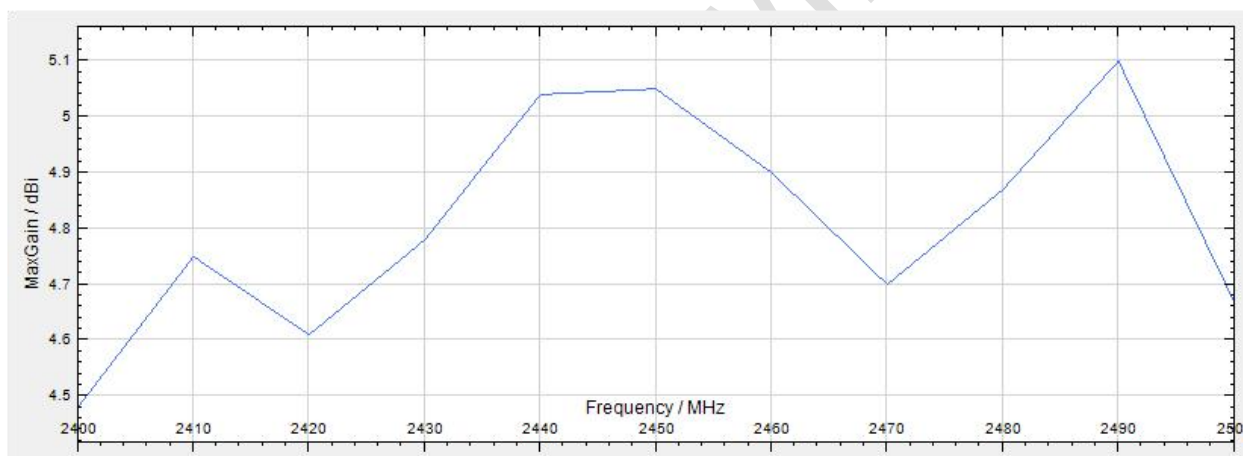
深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

网址: www.zkant.com

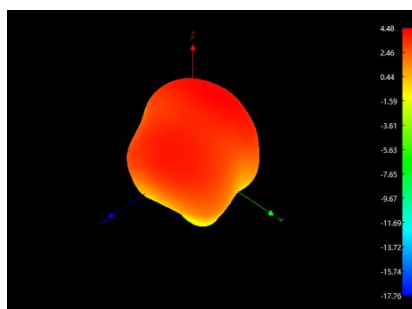


Efficiency

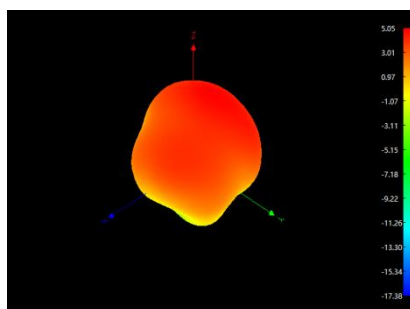


Gain

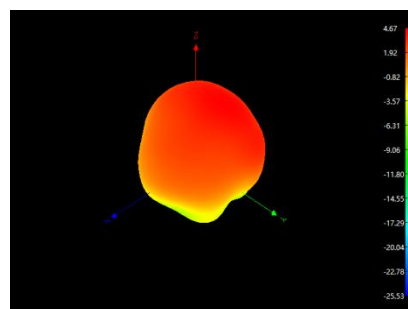
二. 苹果图方向图:



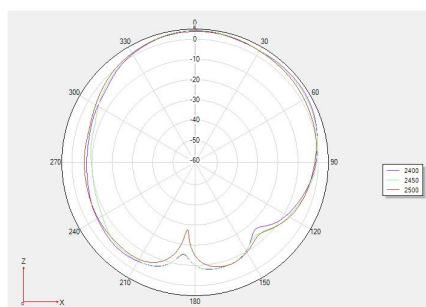
2400MHZ



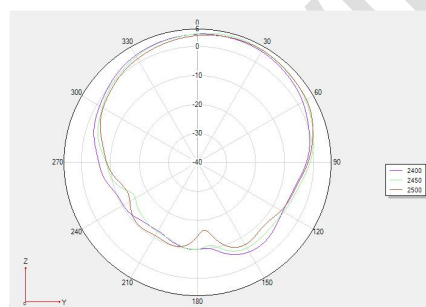
2450MHZ



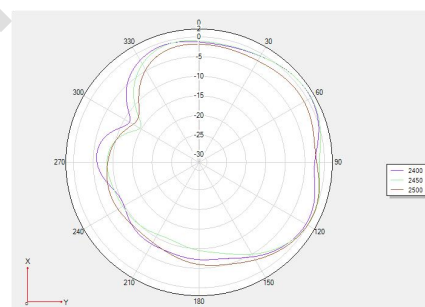
2500MHZ



Z-X



Z-Y



X-Y

三. 有源测试:

Active Test_WIFI_B					
Channel	Frequency	MAX	TRP(11bPS)	MIN	TIS(11MbPS)
1	2412		20.5		-87.8
6	2437		20.1		-87.9
11	2462		19.9		-87.9

4. 测试设备及原理 Testing Equipment and Principle

1. 测试设备:

网络分析仪 Network Analyzers :

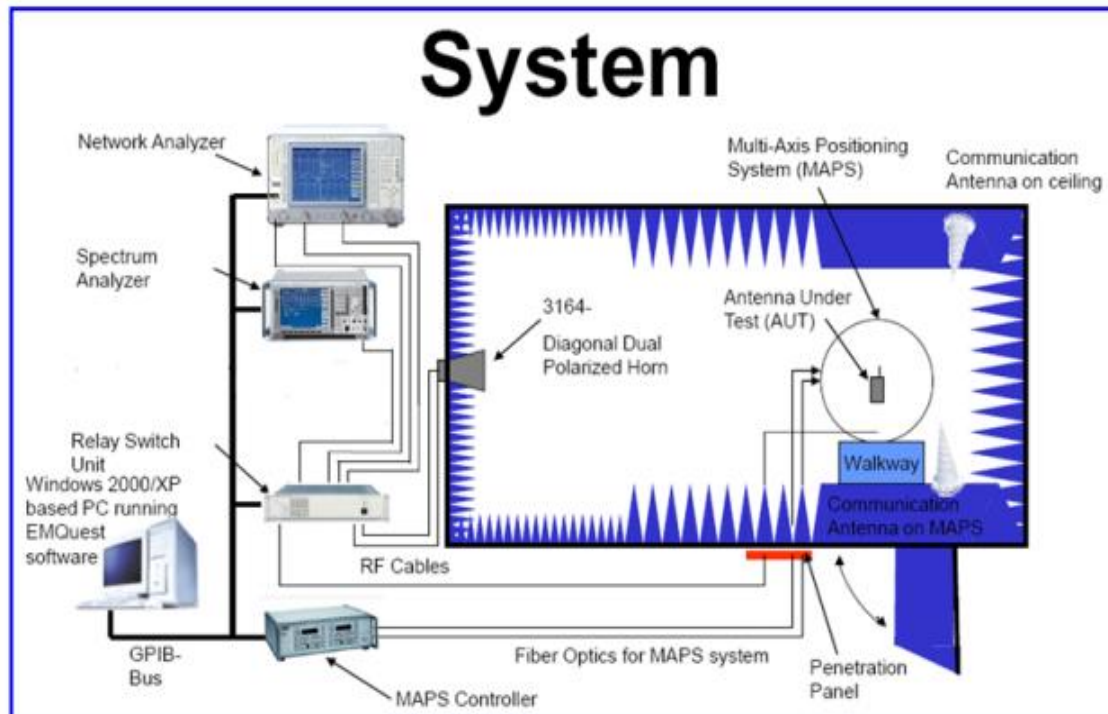
Agilent 8753D E5071C

综合测试仪 Communications Test Set:

Agilent CMW500

3D 暗室测试系统 3D Chamber Test System:

2. 测试原理:

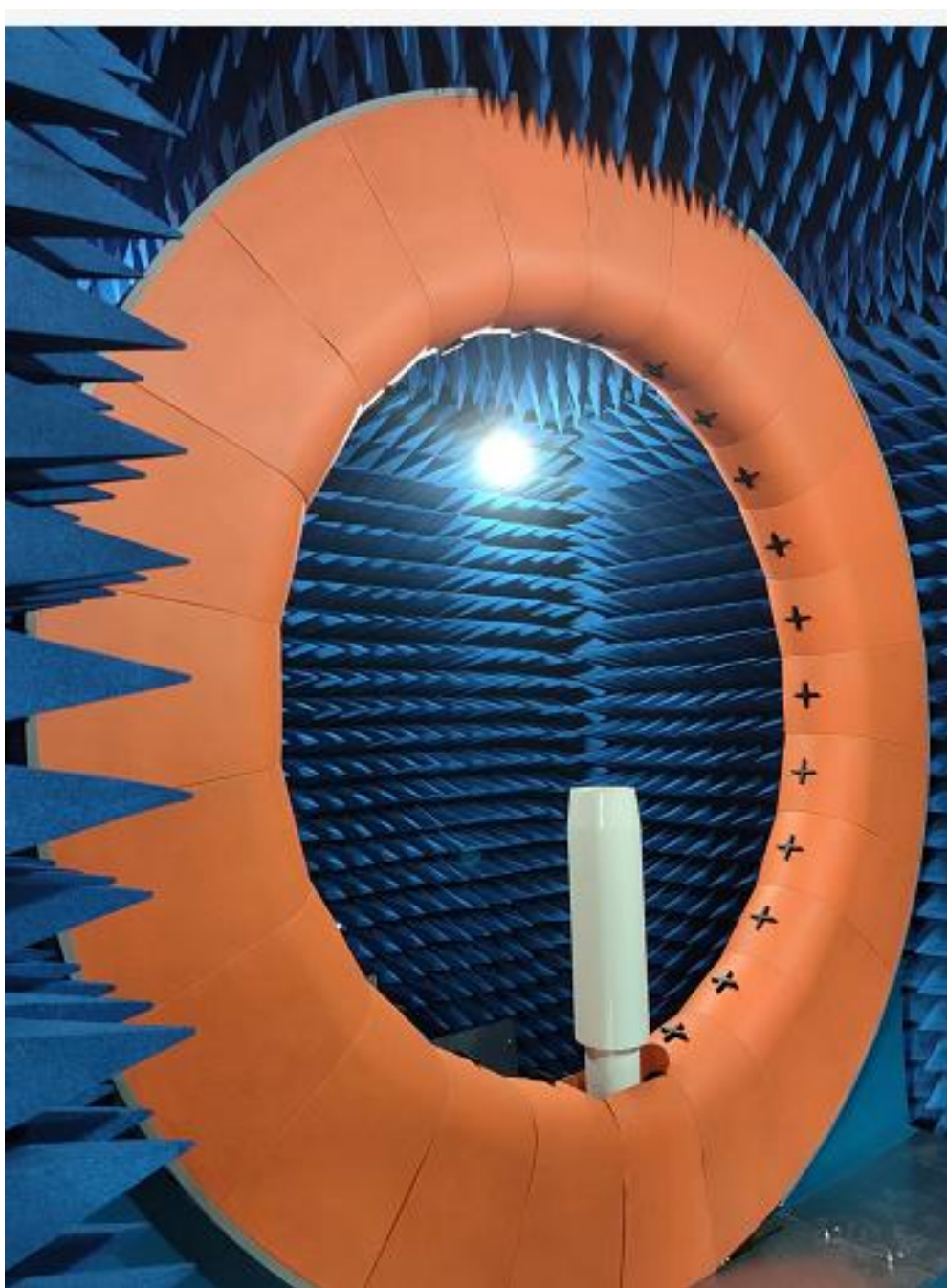




深圳市中科无线技术有限公司

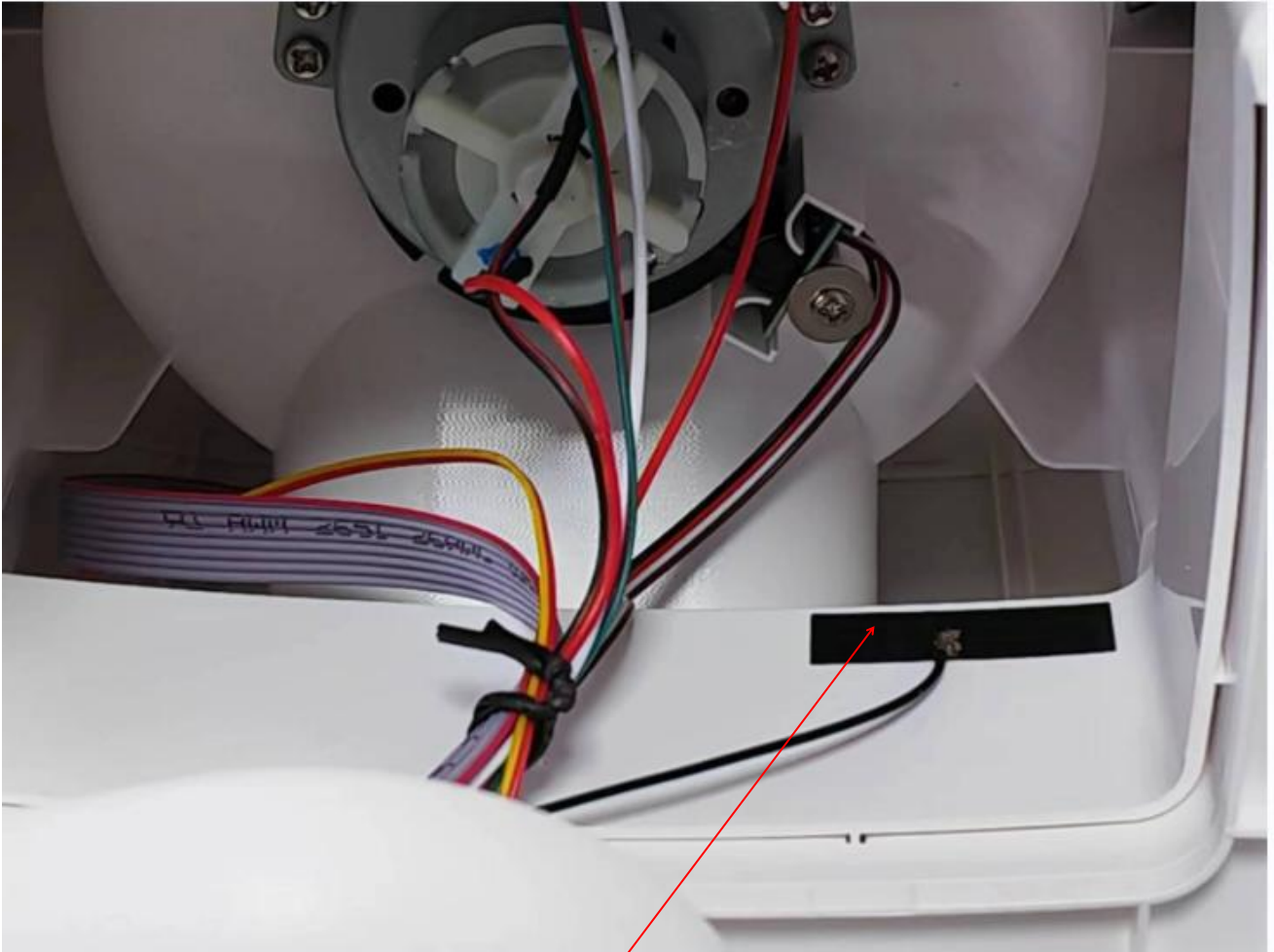
Shenzhen zhongke wireless technology Co.Ltd 电话: 0755-33118958

网址: www.zkant.com



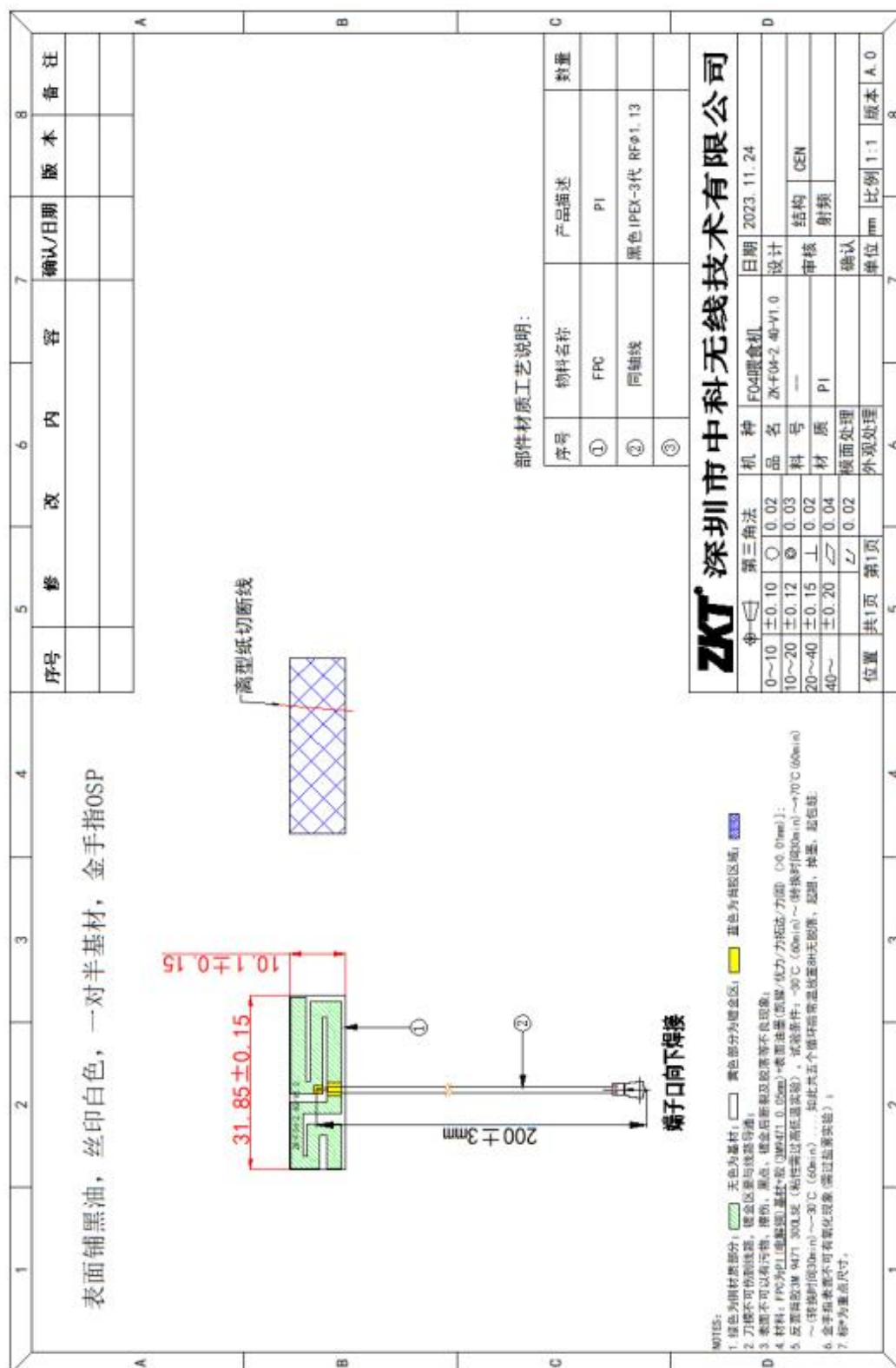
24 探头微波暗室测试设备

5. 环境处理 Envionmentltreatment



按图将天线贴在壳的此处, 其它的线远离天线, 避免对天线产生干扰

6. 工程图纸 Product Drawing



7. 产品包装规范 Code for product packaging

产品名称/规

一、标签要求

采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

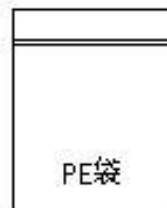
采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

二、装箱要求

作业说明:

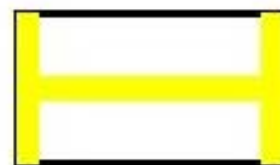
1. 内包装:

产品 100 PCS 一小袋

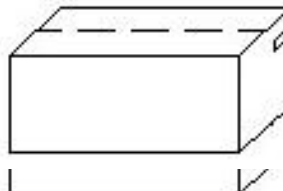


2. 外包装:

根据实际数量定数量/箱



纸箱



注意事项:

1. 是否要增设隔板、珍珠棉;
2. 标签的贴附, 如 ROHS 等;