

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A1)

	CUSTOMER(客户名称)	利利普	
	CS P/N(客户机种)	AN-UW	
	PART NAME(品名)	WIFI	
	FREQUENCY(频率)	2400-2500MHz , 5150-5850MHz。	
	ZTX NO.(物料编号)	F.00000692	
	DATE(日期)	2024-5-7	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章): _____

ZHONG TIAN XUN TECHNOLOGY CO., LTD				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		胡小良	王而栋	



福州中天迅通信技术有限公司

ZHONGTIAN XUN Communication Technology Co.,Ltd.

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ANTENNA SPECIFICATION

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Revision history

版本	日期	状态
A1	2024-5-7	初版。



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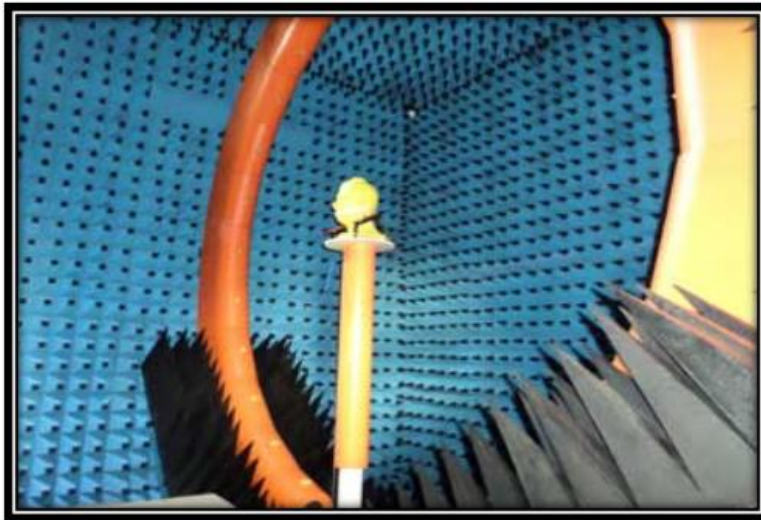
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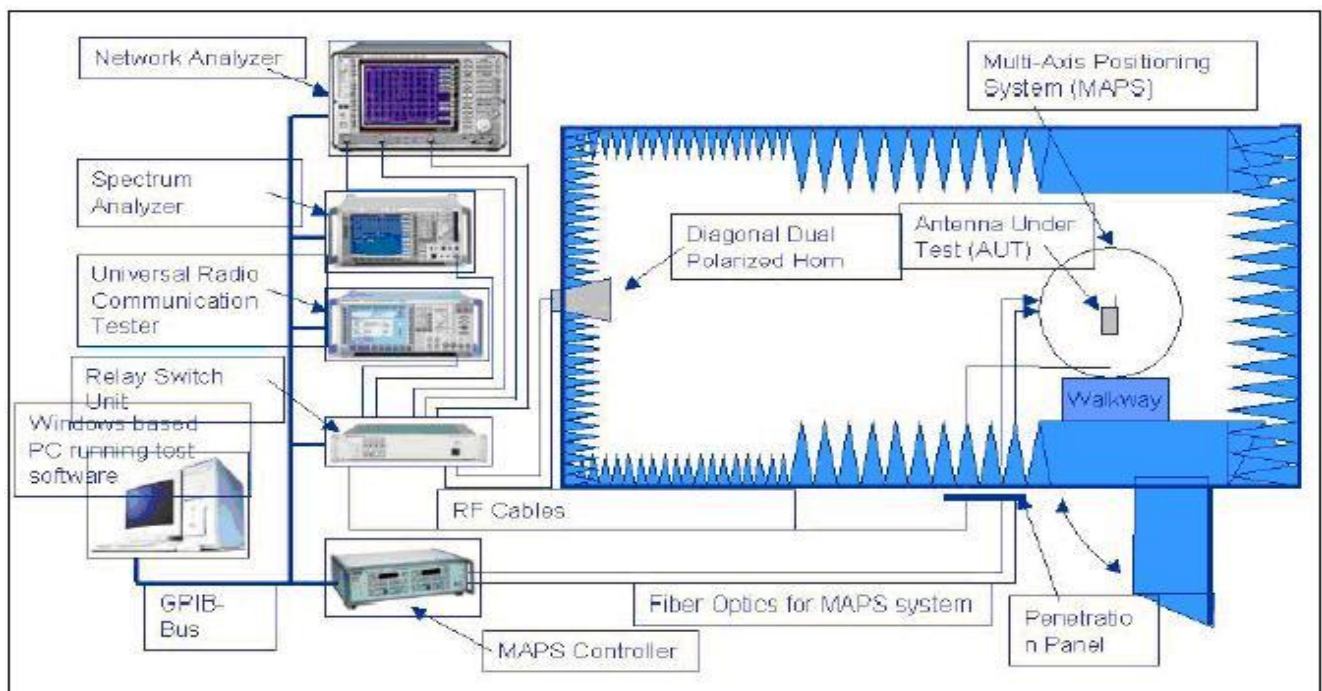
1. Test equipment



Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems (one in SHENZHEN, another one in Shanghai), ETS OTA Standard test system, Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CITA standards.

Testing range:

Support active, passive testing of
GSM/CDMA/WCDMA/TD-
SCDMA/LTE/WIFI/WLAN/WiMax/BT
/GPS/MIMO/UWB within 0.4-6G.



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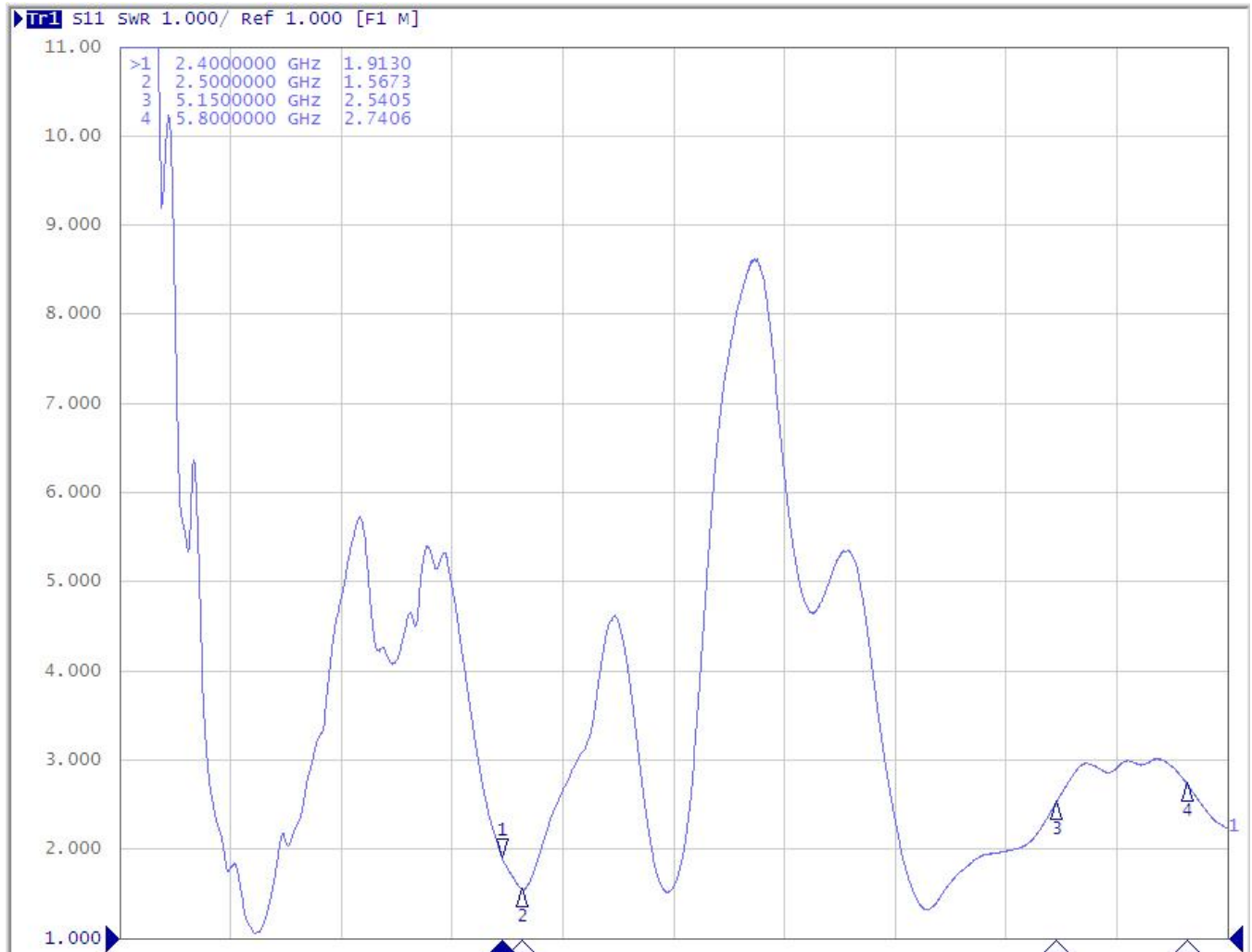
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2.Antenna test data

2-1 VSWR



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2-2 Antenna passive test

chNo	Freq	Gain	Efficiency (%)	chNo	Freq	Gain	Efficiency (%)
1	2400	2.732606	52.70404	14	5250	-0.78547	27.63936
2	2410	2.710148	54.39427	15	5300	-0.76698	28.49631
3	2420	2.675013	55.58142	16	5350	-0.04669	39.91141
4	2430	2.300837	55.2824	17	5400	1.374303	42.67859
5	2440	1.780455	53.42083	18	5450	0.172925	33.0115
6	2450	1.805044	54.6451	19	5500	-0.46731	26.87114
7	2460	1.781451	56.15553	20	5550	0.563507	35.36657
8	2470	1.845995	57.31771	21	5600	-1.73174	28.98843
9	2480	1.871972	55.59602	22	5650	-2.8503	25.28724
10	2490	1.852472	56.44451	23	5700	-1.01764	27.13378
11	2500	1.838674	55.02292	24	5750	-0.49078	29.73817
12	5150	-0.19748	29.3465	25	5800	-0.23842	27.42128
13	5200	-0.00215	32.97662	26	5850	-1.27444	26.75497



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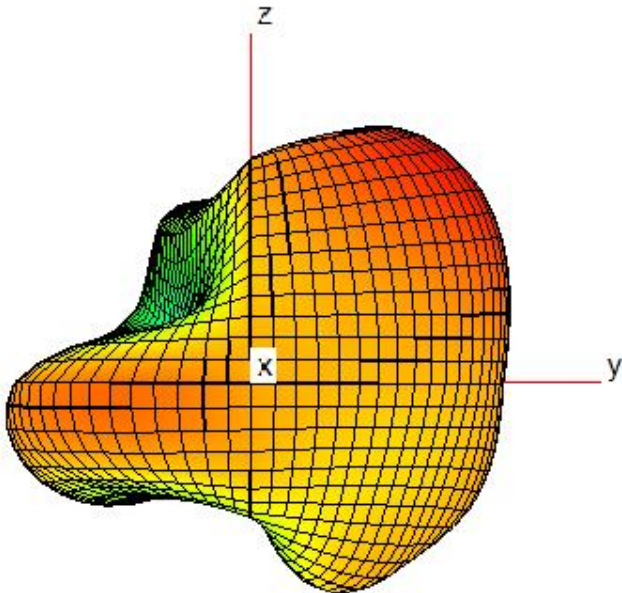
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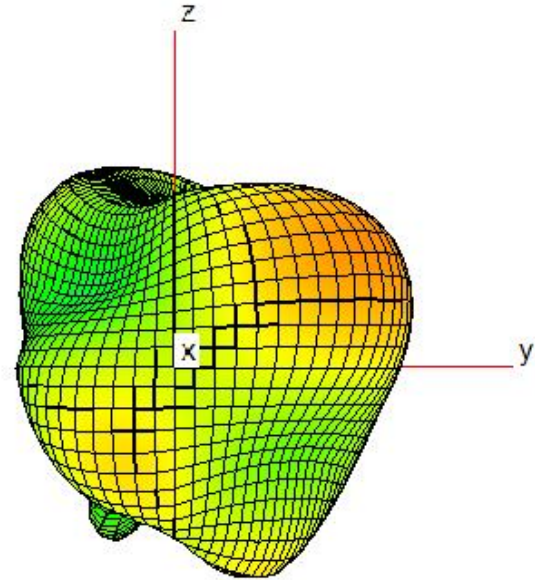
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2-3 3D radiation drawing



2450MHz



5500MHz



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2-4 Active test data

频段	参数\信道	1	7	13
11B	TRP	14.77	14.88	15.18
	TIS	-83.66	-85.01	-85.44
11G	TRP	14.51	14.81	14.91
	TIS	-69.34	-72.04	-73.47
11G/N	TRP	13.83	13.71	13.99
	TIS	-67.39	-69.74	-69.50
频段	参数\信道	36	64	157
11A	TRP	15.26	14.89	13.03
	TIS	-72.49	-72.84	-71.75



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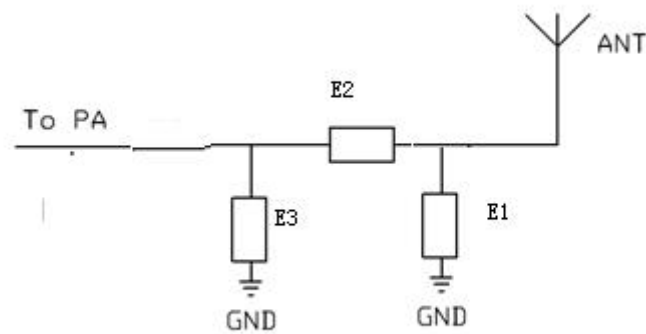
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2-5 Matching circuit



匹配说明	
E1	NC
E2	0Ω
E3	NC



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2-6 Environment treatment



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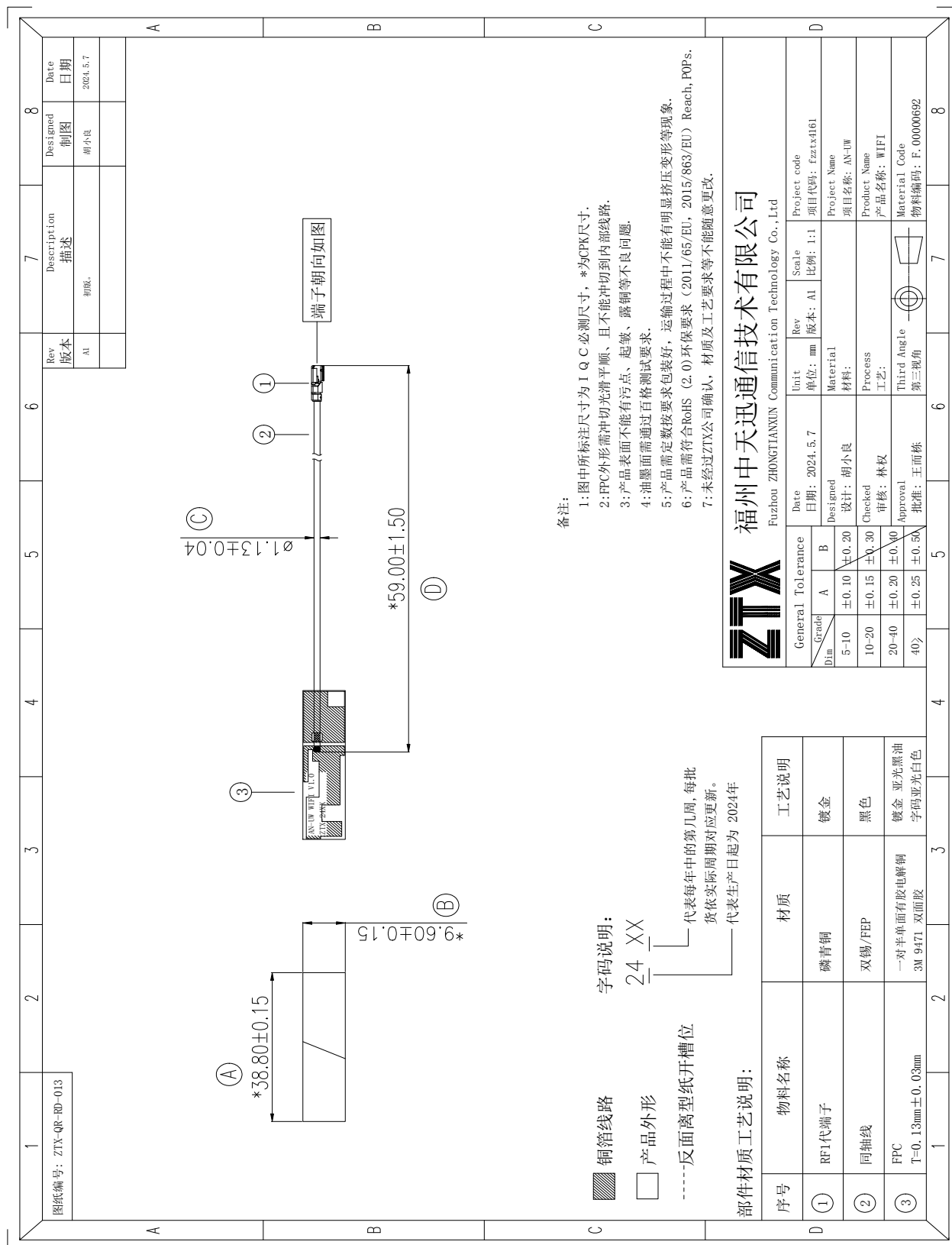
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3. Mechanical Specification



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4.Size report

5.Salt-Spray test

6.Environment Characteristic

NO.	ITEM	TEST CONDITION	SPECIFICATION
4-1	High Temperature/Humidity Storage Test(non operating)	1.Temperature: $+70 \pm 2^{\circ}\text{C}$ 2.Humidity: 90~95%RH 3.Time: 48hrs	No material deformation is allowed.
4-2	Low Temperature/Humidity Storage Test(non operating)	1.Temperature: $-30 \pm 2^{\circ}\text{C}$ 2.Humidity: 0%RH 3.Time:48hrs	The VSWR, Gain, Radiation Pattern must be met specifications after these test.



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7.The packing way

福州中天迅通信技术有限公司 Fuzhou ZHONGTIANXUN Communication Technology Co., Ltd				包 装 规 范							
产品名称 WIFI		产品型号 AN-UW		工序序号/名称 包装		版本 A1	文件编号 ZTX-QD-WI-023	仪器校准及要求: 1.测试设备必须接地; 2.重新连接接口后或连接测试不稳定时,需对仪器进行校正; 3.测试产品时保证天线垂直,并远离人体或金属器件30cm以上;			
 图1: 确认数量  图2: 封口PE袋包装/贴标签  图3: 封口PE袋包装/贴标签  图4: 装箱  图5: 贴外箱标签/附出货检验报告  图6: 封箱 <td colspan="6">作业方法a作业参数(自检该工序作业合格后,方能流入下一道工序)</td> <td colspan="2"></td>				作业方法a作业参数(自检该工序作业合格后,方能流入下一道工序)							
				1.确认数量50pcs产品橡皮筋包扎;							
				2.将50pcs产品装入(240*160mm)PE开口袋中,贴小标签,填写产品名称、物料号、数量、周期等信息;							
				2.每5袋装入(330*230mm)PE封口袋装好(250PCS)的PE袋,贴小标签,填写产品名称、物料号、数量、周期等信息;							
				3.装箱,纸箱规格(45*32.5*21cm),每箱装(5000pcs)尾数除外,并附手写检验报告一份;							
				4.标签贴于外箱的右上角,外标签内容(含:企业名称,供应商代码,客户规格号,生产周期,生产批次包装数量,供应商代码,内附检验报告,R0B6等);							
				5.将贴好标签的箱子用胶纸以“工”字型封箱;							
				6S要求:							
				1.保持检测现场台面整洁,无尘、水、油污;							
				2.物料摆放整齐,标识清楚;							
注意事项: 1.客户物料编码和数量是否正确,标签必须用机打印的 2.内标签、外标签、出货报告、送货单内容需一致。											
3.如是试产物料或有变更均需贴相应标识,尾数箱需贴尾数标识,内附检验报告等											
物料名称		物料代码		规格		用量		备注			
PE开口袋		1. 12. 000030		240*160*0.05mm		100/袋					
PE封口袋		1. 12. 000023		330*230*mm		10/袋					
纸板		1. 13. 000003		42*30cm		2张/箱					
纸箱		1. 12. 000086		45*32.5*21cm		1/箱					
标签											
橡皮筋											
版本				修订内容		修订日期		修订人			
制订		胡小良		审核		易爱玲		批准			
张武民											