

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A1)

	CUSTOMER	
	CS P/N	SR800
	PART NAME	WIFI
	FREQUENCY	2400-2500MHz, 5150-5850MHz。
	ZTX NO.	E.03.01144
	DATE	2026-4-10

Remark

Sign

: _____

ZHONG TIAN XUN TECHNOLOGY CO., LTD		
ME CHECKED	RF CHECKED	APPROVAL
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ANTENNA SPECIFICATION

CUS P/N : SR800 WIFI

ApplicationDate:Apr,10,2025

Rev: R:A1

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Revision history

版本	日期	状态
A1	2025-1-3	初版。
	2026-4-10	增加性能数据。



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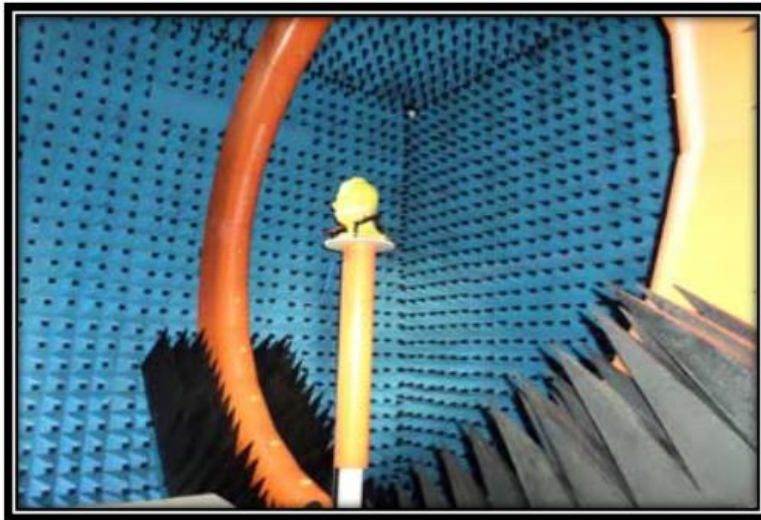
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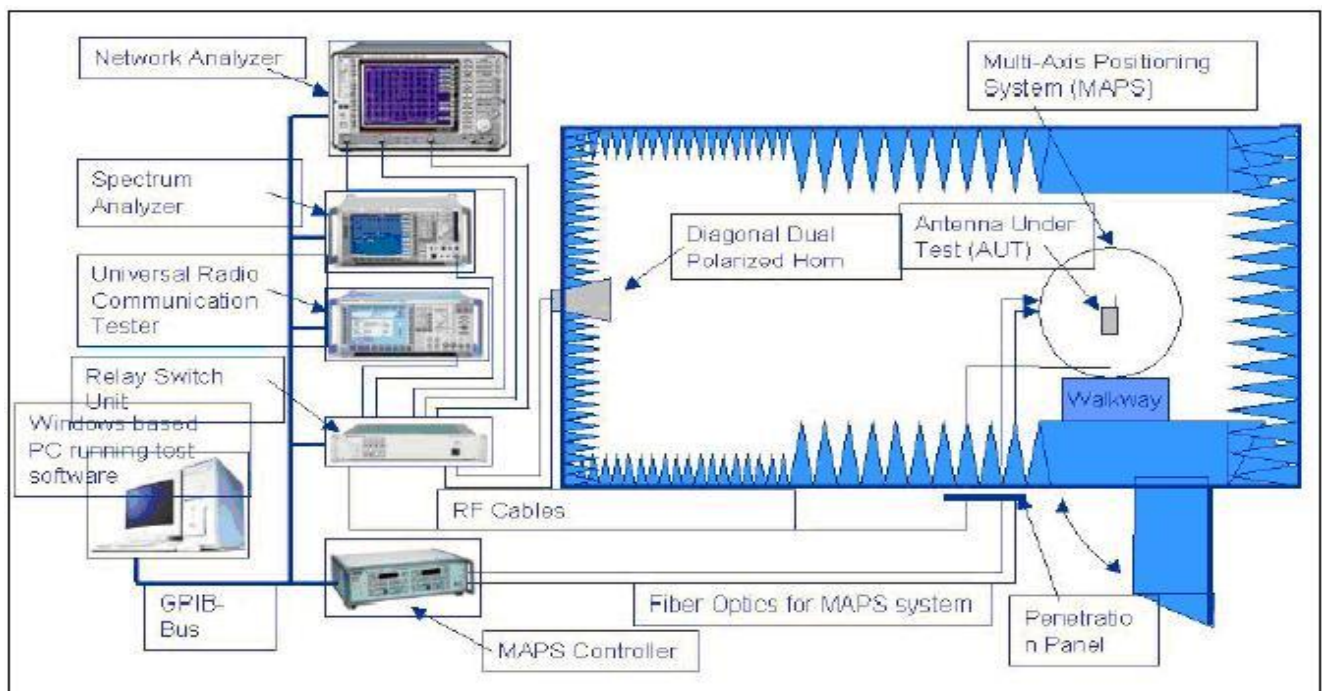
1. Test equipment



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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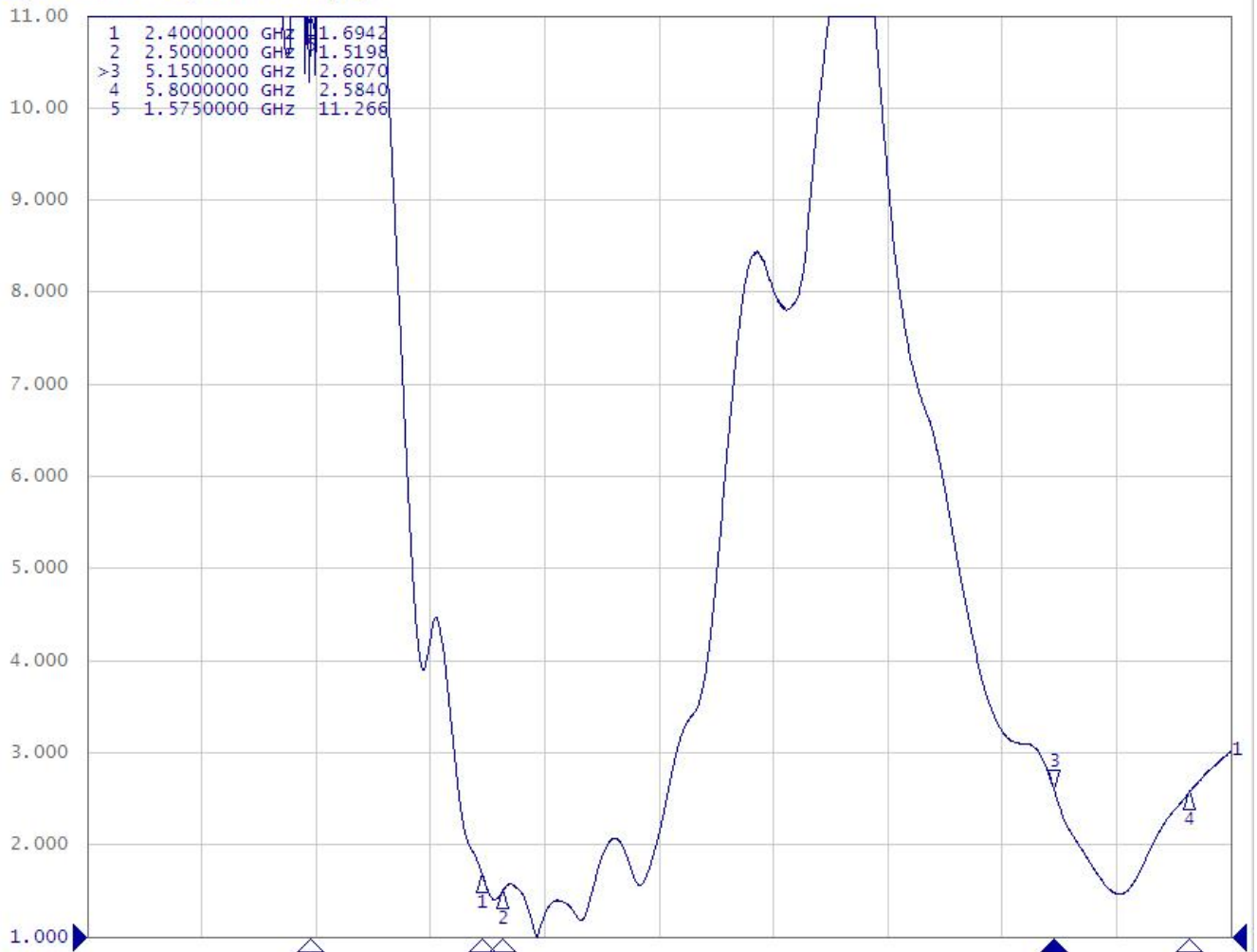
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2.Antenna test data

2-1 VSWR

▶ S11 SWR 1.000/ Ref 1.000 [F1]



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2-2 Antenna passive test

chNo	Freq (MHz)	Gain(dBi)	Efficiency_Pcent (%)
1	2400	0.340006	41.08459
2	2410	0.438004	42.76269
3	2420	0.395784	45.00587
4	2430	0.594531	44.78217
5	2440	0.563919	43.94396
6	2450	0.591428	46.01489
7	2460	0.513093	45.87515
8	2470	0.577019	46.344
9	2480	0.497078	45.53864
10	2490	0.461558	44.4178
11	2500	0.482315	45.54905
12	5150	-3.47151	19.68761
13	5200	-3.02685	20.82622
14	5250	-1.59241	22.53769
15	5300	-2.13389	21.25626
16	5350	-1.36271	21.41336



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17	5400	-2.31323	23.65739
18	5450	-2.32551	19.66227
19	5500	-2.42295	21.37529
20	5550	-1.70301	21.65371
21	5600	-1.38015	20.41426
22	5650	-1.67289	24.47961
23	5700	-1.39538	24.05882
24	5750	-1.99112	23.1925
25	5800	-1.48164	23.45022
26	5850	-1.36210	28.3299



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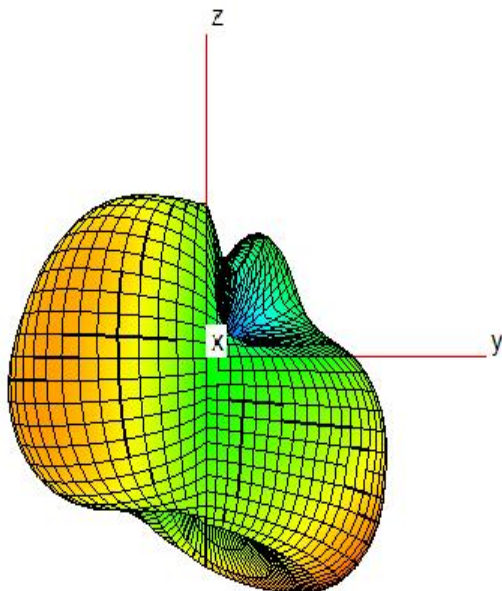
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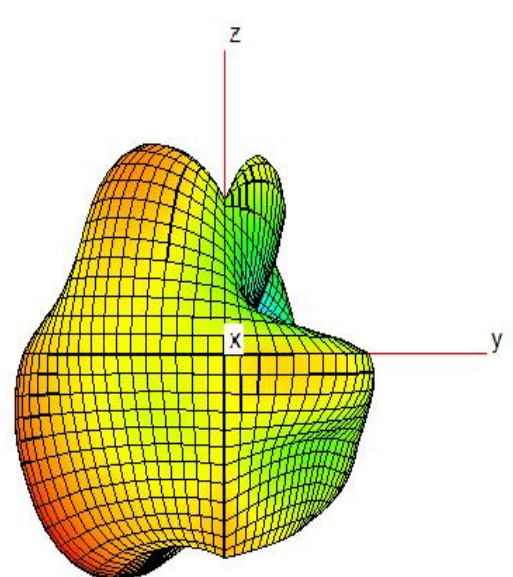
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2-3 3D radiation drawing

2450MHz



5500MHz



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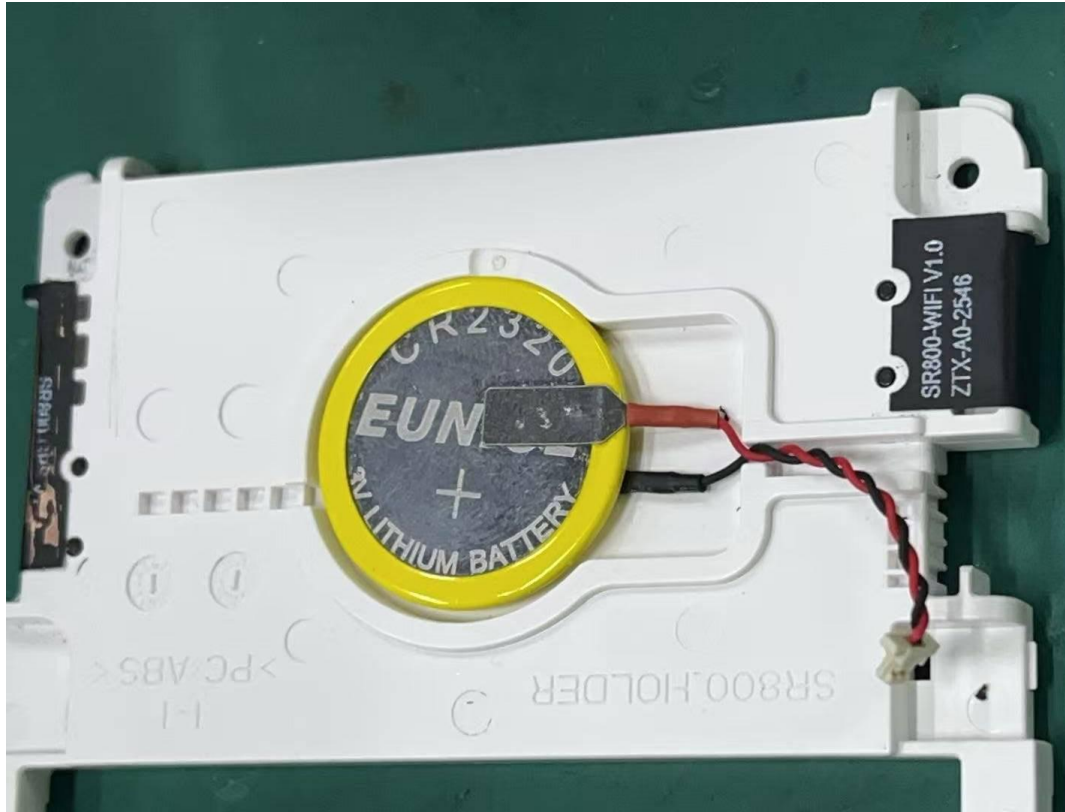
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2-4 Matching circuit



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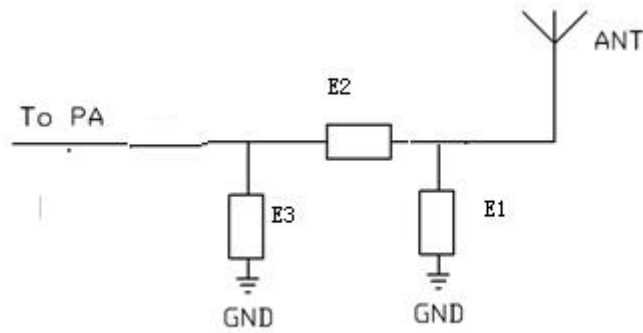
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2-5 Environment treatment



匹配说明	
E1	NC
E2	1nH
E3	0.5pF



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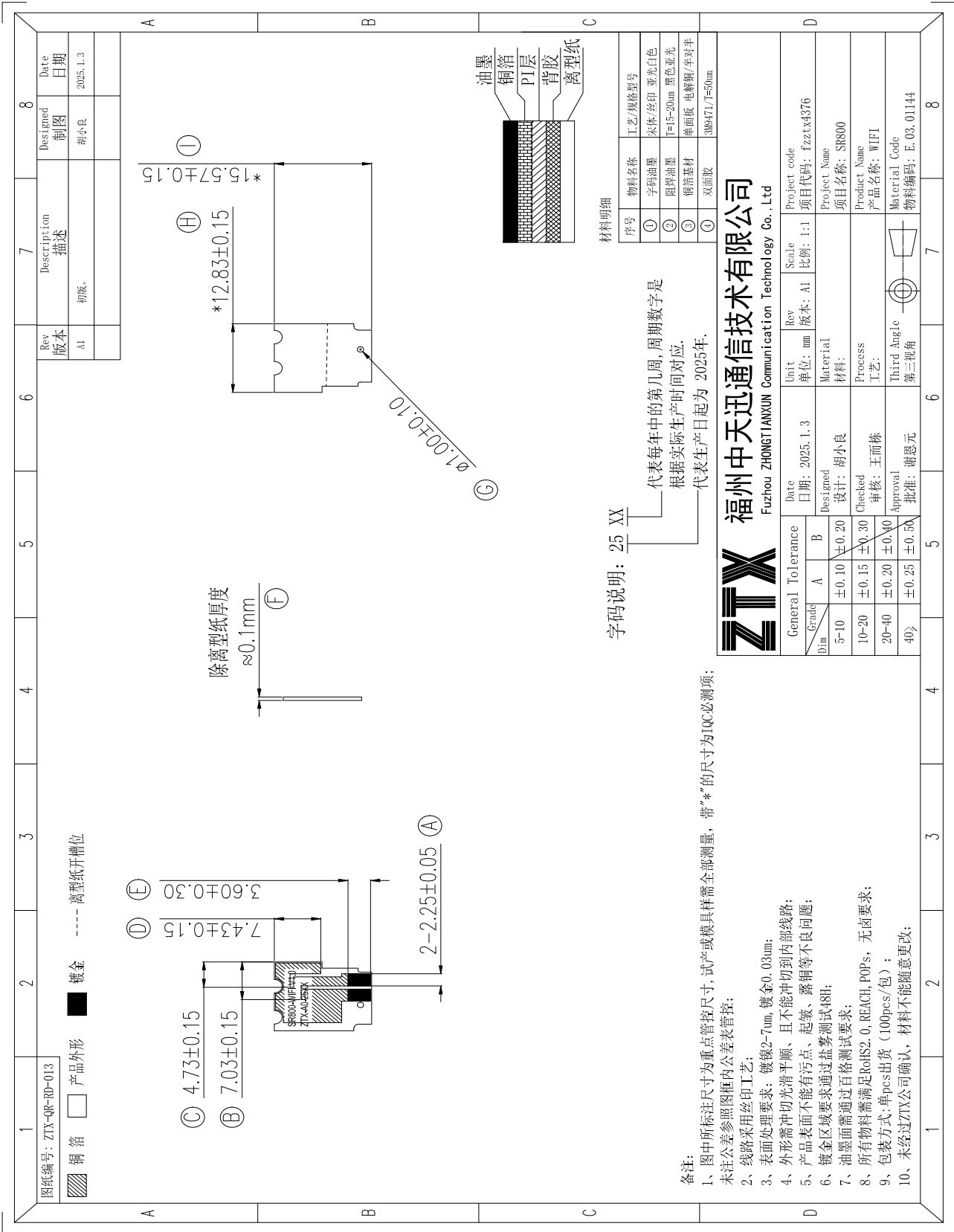
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3. Mechanical Specification



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4. The packing way

福州中天迅通信技术有限公司 Fuzhou ZHONGTIANXUN Communication Technology Co., Ltd						
作业指导书						
产品名称	产品型号	文件编号	版本	工序序号/名称	工序工时	日产量
WIFI	SR800	ZTX-QD-WI-024	A1	包装	/	/
				注意事项:		
 图1：确认数量				1.发现重量有超出公差范围时，须对数量进行清点		
				2.外箱只允许有1个物料标签，其余如有多余标签时必须将其清理干净。		
				3.条码标签在贴于外箱时，应尽量平整，避免引起皱影响客户入库。		
				4.条码需清晰可扫描		
 图2：入大袋				1. 产品采用单PCS出货，每（100pcs）产品用PE封口旋袋包装；		
				3. 外箱上除标签贴外，不能有任何丝印（即空白纸箱）出货；		
				4. 将包装好的产品装入纸箱，每箱数量根据订单数量要求进行数量确认，保证每箱装入的数量正确。		
				5. 在装好产品的箱子上将外箱标签及物料追溯码，RoHS贴于外箱的右上角，打印标签内容包括（生产厂家，型号，产品名称，客户编码，数量，订单号，日期，QA检验，）		
 图3：小标签及追溯码				物料名称及规格		
				用量		
修订内容				工/夹装器具		
修订日期				修订人		
版本						
制订				胡小良		审核
				易爱玲		品质确认
				杨登山		批准
						张武民