

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A1)

	CUSTOMER(客户名称)	新大陆
	CS P/N(客户机种)	U2000-2
	PART NAME(品名)	WIFI&GPS
	FREQUENCY(频率)	2400-2500MHz, 5150-5850MHz, 1575MHz。
	ZTX NO.(物料编号)	E.03.01091
	DATE(日期)	2024-9-6

Remark(备注):

Sign(客户确认签字盖章): _____

ZHONG TIAN XUN TECHNOLOGY CO., LTD		
ME CHECKED	RF CHECKED	APPROVAL
胡小良		



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ANTENNA SPECIFICATION

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Revision history

版本	日期	状态
A1	2024-9-6	初版。



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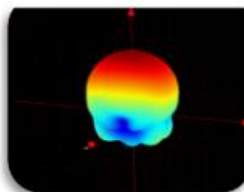
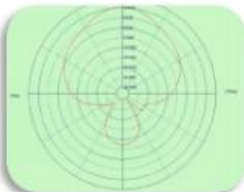
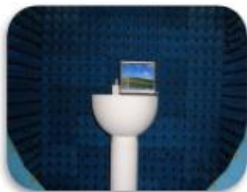
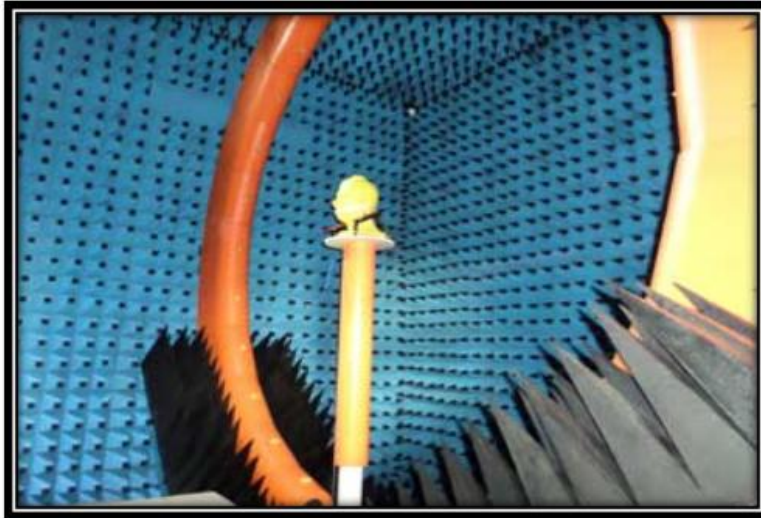
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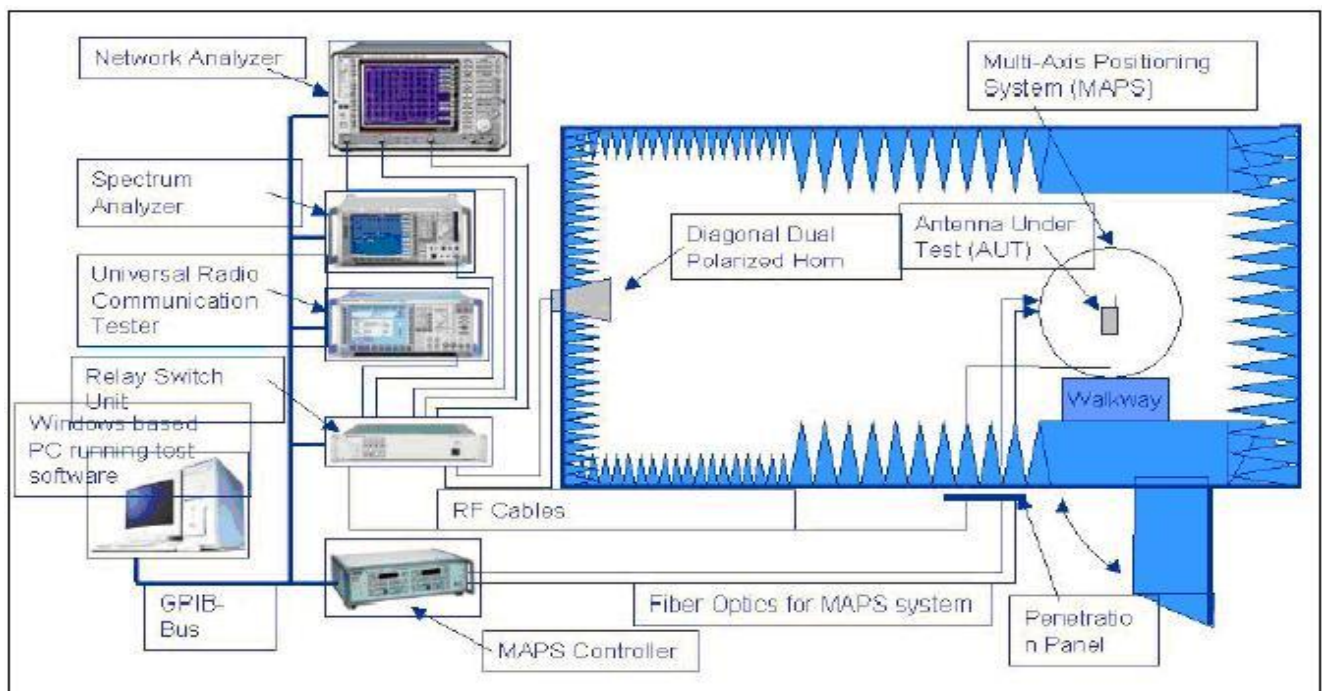
1. Test equipment



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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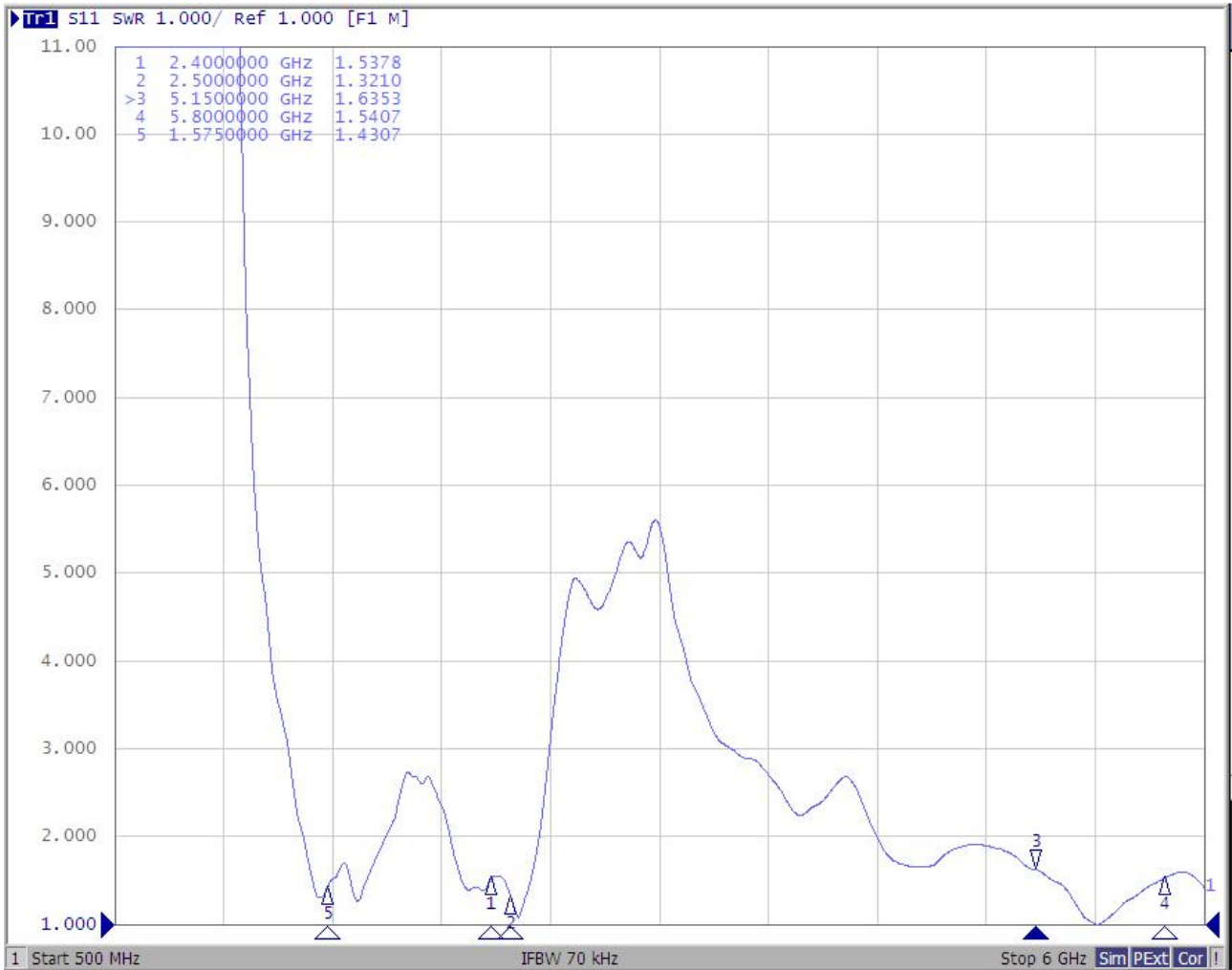
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2. Antenna test data

2-1 VSWR



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2-2 Antenna passive test

chNo	Freq	Gain	Efficiency_Pcent
1	1550	1.588130188	32.591248
2	1555	1.516685475	32.870104
3	1560	1.405377459	33.091495
4	1565	1.345294193	32.978276
5	1570	1.318091579	32.584882
6	1575	1.30869702	32.611546
7	1580	1.221423067	31.318004
8	1585	1.13500808	30.07673
9	1590	1.055634784	29.562112
10	1595	1.086014958	30.083559
11	1600	1.324772116	33.726853
12	1605	1.265357622	33.43443
13	1610	1.134531531	33.288819



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14	1615	1. 080449583	33. 308644
15	1620	1. 074184133	33. 434429
16	2400	1. 525351253	49. 895647
17	2410	1. 483078981	50. 799732
18	2420	1. 59966073	51. 251318
19	2430	1. 673174264	51. 113887
20	2440	1. 752197087	51. 035379
21	2450	2. 014837712	54. 039044
22	2460	1. 893408964	53. 799348
23	2470	1. 727381712	54. 400851
24	2480	1. 408191676	52. 756528
25	2490	1. 048240469	50. 313776
26	2500	0. 772057243	48. 872453
27	5150	-0. 170864634	34. 141555
28	5200	0. 757770659	39. 37268



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29	5250	0.270546958	37.995511
30	5300	1.345731373	45.256122
31	5350	0.878935546	44.124903
32	5400	1.52582088	51.255668
33	5450	0.943257741	40.709069
34	5500	0.505188309	33.474838
35	5550	1.085787895	34.549171
36	5600	0.452301604	38.810167
37	5650	0.826607858	48.717176
38	5700	0.418334869	49.007705
39	5750	0.569133135	44.240144
40	5800	0.915276788	42.679472
41	5850	0.741875964	47.208854



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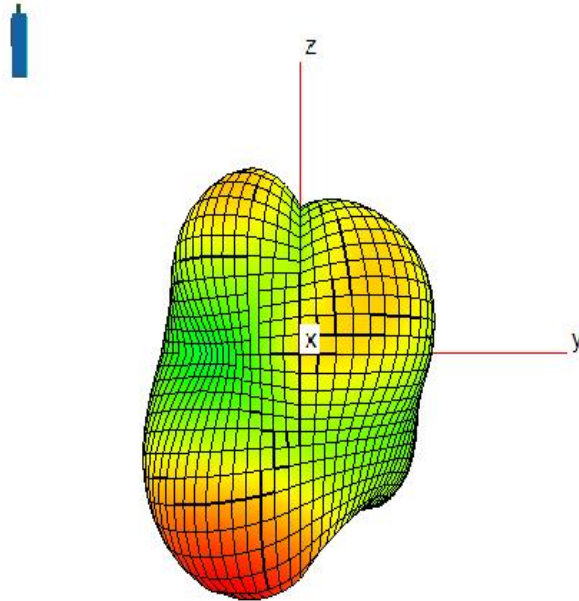
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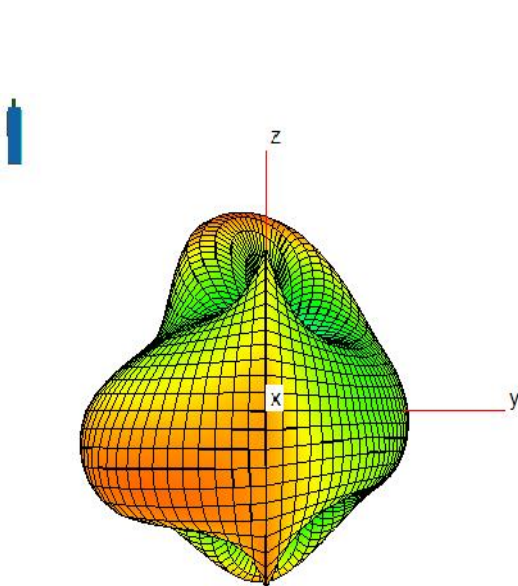
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2-3 3D radiation drawing

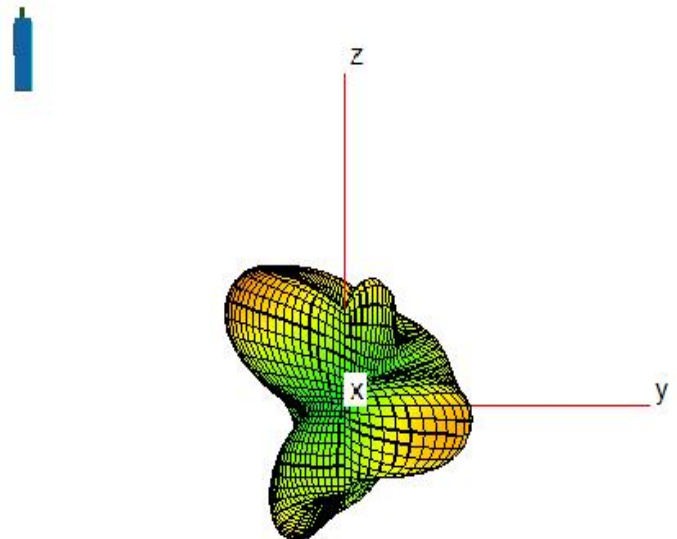
1575MHZ



2450MHZ



5500MHZ



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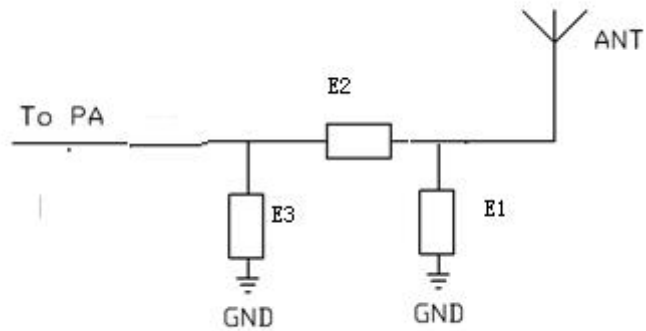
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2-5 Matching circuit



匹配说明	LTE
E1	
E2	4.7PF
E3	



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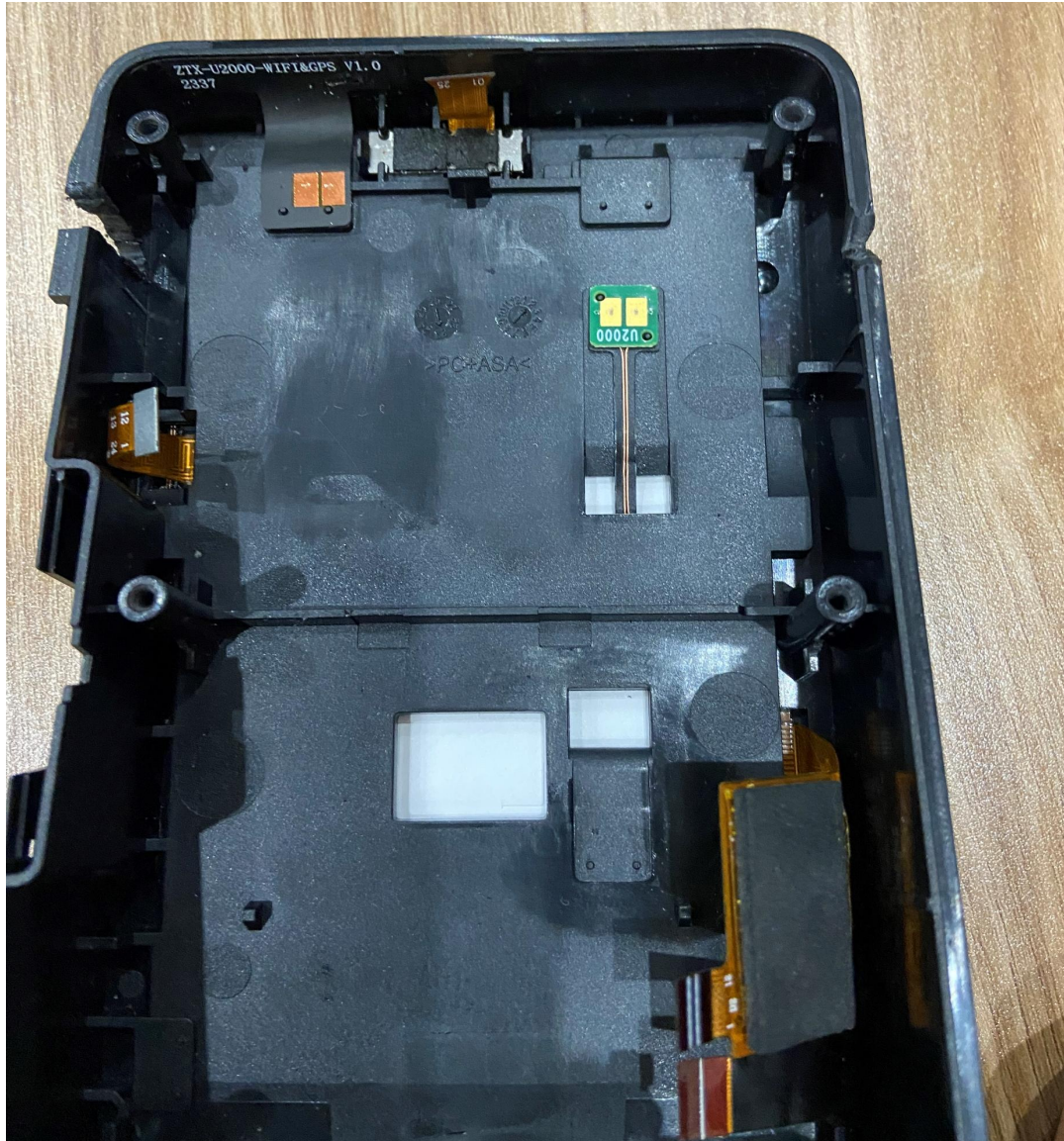
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2-6 Environment treatment



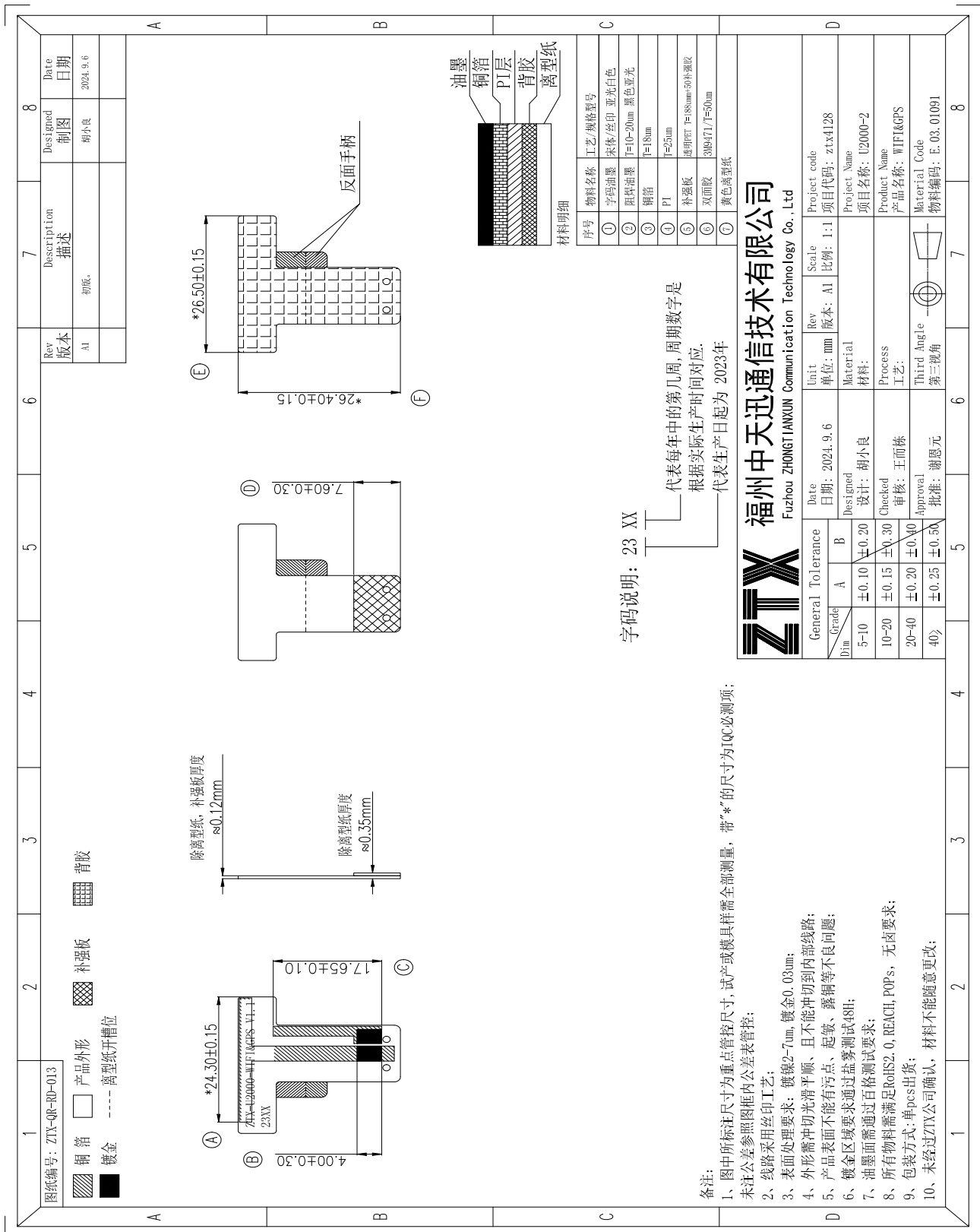
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3. Mechanical Specification



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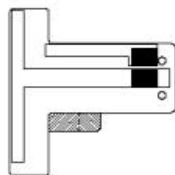
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4. The packing way

福州中天迅通信技术有限公司 Fuzhou ZHONGTI/ANXUN 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&GPS	U2000-2	ZTX-QD-WI-024	A1	包装	/	/			
 				注意事项：					
				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，避免应起皱影响客户入库。					
				4.条码需清晰可扫描					
				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，）					
物料编号		物料名称及规格		用量		工/夹装治具			
修订内容				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			