

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A3)

CUSTOMER(客户名称)	新大陆
CS P/N(客户机种)	X800
PART NAME(品名)	WIFI
FREQUENCY(频率)	2400-2500MHz, 5150-5850MHz。
ZTX NO.(物料编号)	E.03.00759
DATE(日期)	2023-3-1

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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Editor:

Page 2 of 14

Revision history

版本	日期	状态
A1	2022-7-28	规格书制定。
A2	2022-12-22	图纸更新。
A3	2023-3-1	增加测试数据。



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Editor:

Page 3 of 14

Index

	<i>Revision history</i>	
1.	<i>Test equipment</i>	4
2.	<i>Antenna test data</i>	5~11
2-1	<i>VSWR</i>	5
2-2	<i>Antenna passive test</i>	6~7
2-3	<i>3D radiation drawing</i>	8
2-4	<i>Active test data</i>	9
2-5	<i>Matching circuit</i>	10
2-6	<i>Environment treatment</i>	11
3.	<i>Mechanical Specification</i>	12
4.	<i>Size report</i>	13
5.	<i>Salt-Spray test</i>	13
6.	<i>Environment Characteristic</i>	13
7.	<i>The packing way</i>	14



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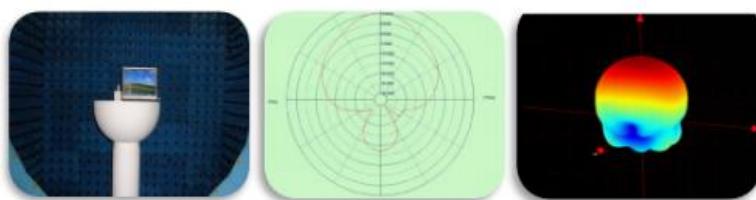
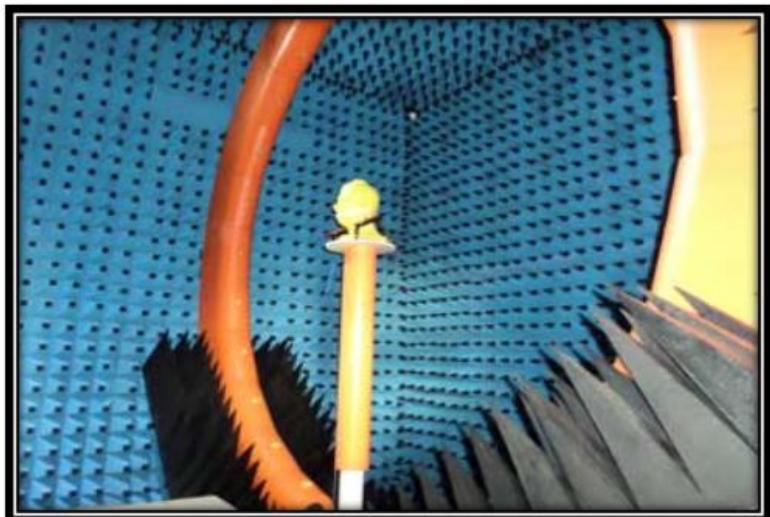
Rev: R:A3

ZTX P/N : X800 WIFI

Editor:

Page 4 of 14

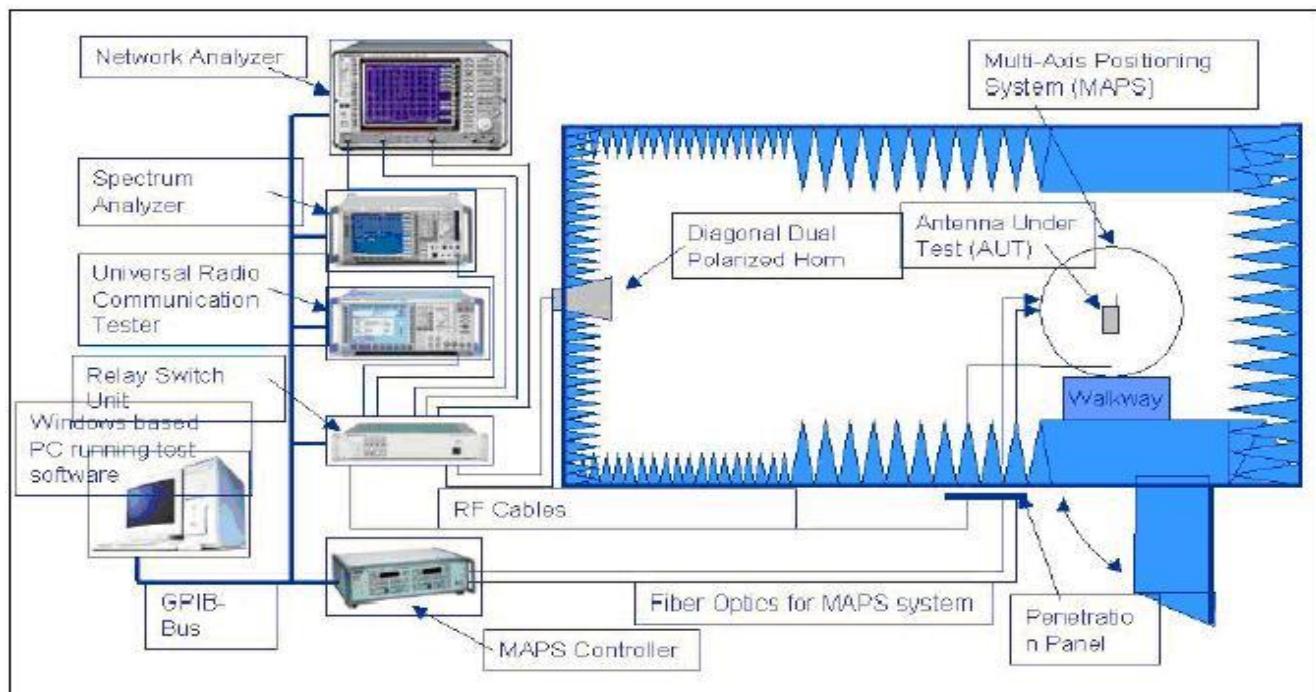
1. Test equipment



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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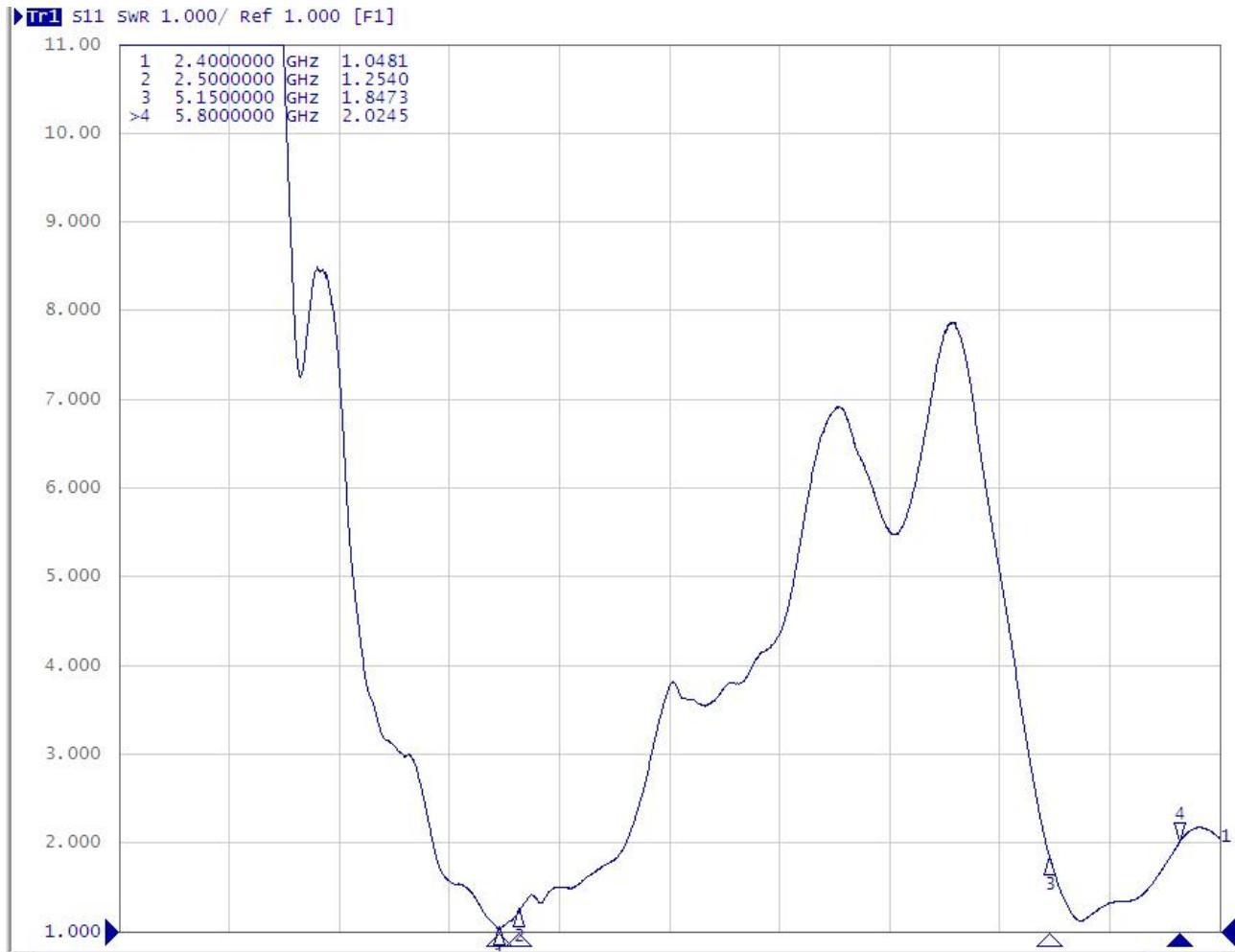
ZTX P/N : X800 WIFI

Editor:

Page 5 of 14

2. Antenna test data

2-1 VSWR



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ZHONGTIAN XUN Communication Technology Co.,Ltd.

ANTENNA SPECIFICATION

CUS P/N : X800 WIFI

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Rev: R:A3

ZTX P/N : X800 WIFI

Editor:

Page 6 of 14

2-2 Antenna passive test

chNo	Freq	Gain	Efficiency_Pcent
1	2400	1. 1922164	44. 855008
2	2410	1. 3645988	45. 903587
3	2420	1. 4023172	46. 126535
4	2430	1. 2962766	44. 085831
5	2440	1. 0179428	41. 564436
6	2450	0. 9685235	41. 670571
7	2460	1. 1855699	41. 874028
8	2470	1. 2983338	42. 552646
9	2480	1. 0247009	39. 696784
10	2490	0. 8921609	38. 544112
11	2500	1. 1751113	39. 477215
12	5150	-0. 818419	25. 355195
13	5200	-0. 215171	25. 623878
14	5250	0. 0903806	25. 851781
15	5300	0. 6791725	28. 236323
16	5350	1. 690755	34. 129921



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Rev: R:A3

ZTX P/N : X800 WIFI

Editor:

Page 7 of 14

chNo	Freq	Gain	Efficiency_Pcent
17	5400	1. 858255	33. 135233
18	5450	1. 6312782	31. 780603
19	5500	1. 0931888	31. 312547
20	5550	0. 1835138	30. 164183
21	5600	0. 7696519	26. 864125
22	5650	1. 7341115	29. 621267
23	5700	2. 7511208	35. 437679
24	5750	1. 1327721	27. 346993
25	5800	1. 3802596	25. 980697
26	5850	1. 8661969	30. 540181



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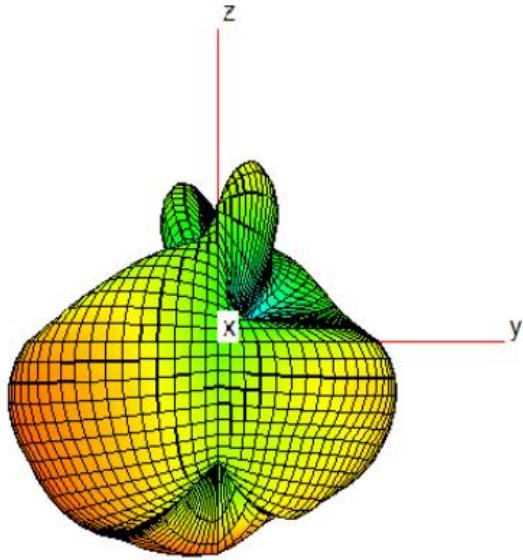
ZTX P/N : X800 WIFI

Editor:

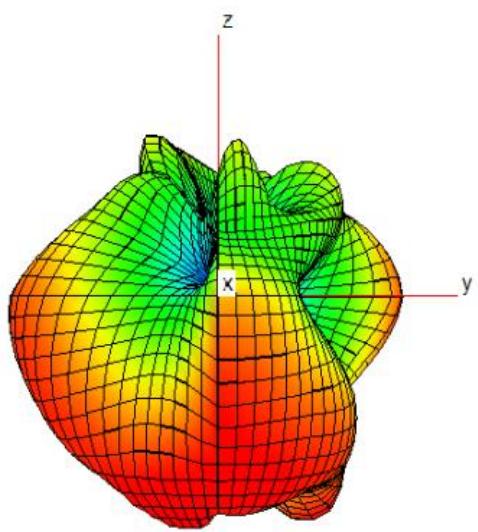
Page 8 of 14

2-3 3D radiation drawing

2450MHz



5500MHz



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ZHONGTIAN XUN Communication Technology Co.,Ltd.

ANTENNA SPECIFICATION

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ApplicationDate:Mar,1,2023

Rev: R:A3

ZTX P/N : X800 WIFI

Editor:

Page 9 of 14

2-4 Active test data

频段	参数\信道	1	7	13
11G	TRP	10.09	10.13	10.30
	TIS	-67.29	-67.38	-67.15
频段	参数\信道	36	64	157
11A	TRP	9.04	9.78	11.39
	TIS	-65.45	-66.80	-68.15



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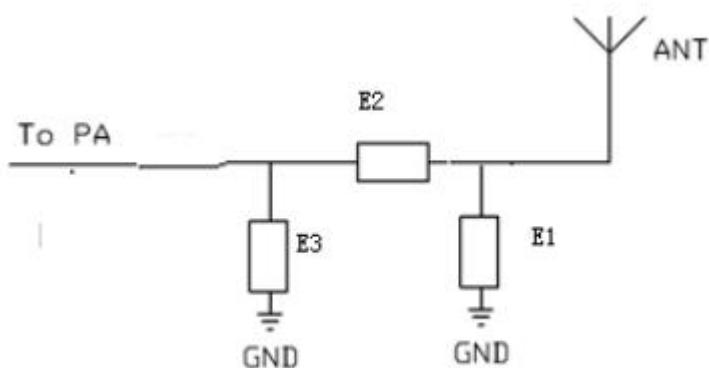
Rev: R:A3

ZTX P/N : X800 WIFI

Editor:

Page 10 of 14

2-5 Matching circuit



匹配说明	
E1	NC
E2	OR
E3	NC



福州中天迅通信技术有限公司
ZHONGTIAN XUN Communication Technology Co.,Ltd.

ANTENNA SPECIFICATION

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Rev: R:A3

ZTX P/N : X800 WIFI

Editor:

Page 11 of 14

2-6 Environment treatment



福州中天迅通信技术有限公司
ZHONGTIAN XUN Communication Technology Co.,Ltd.

ANTENNA SPECIFICATION

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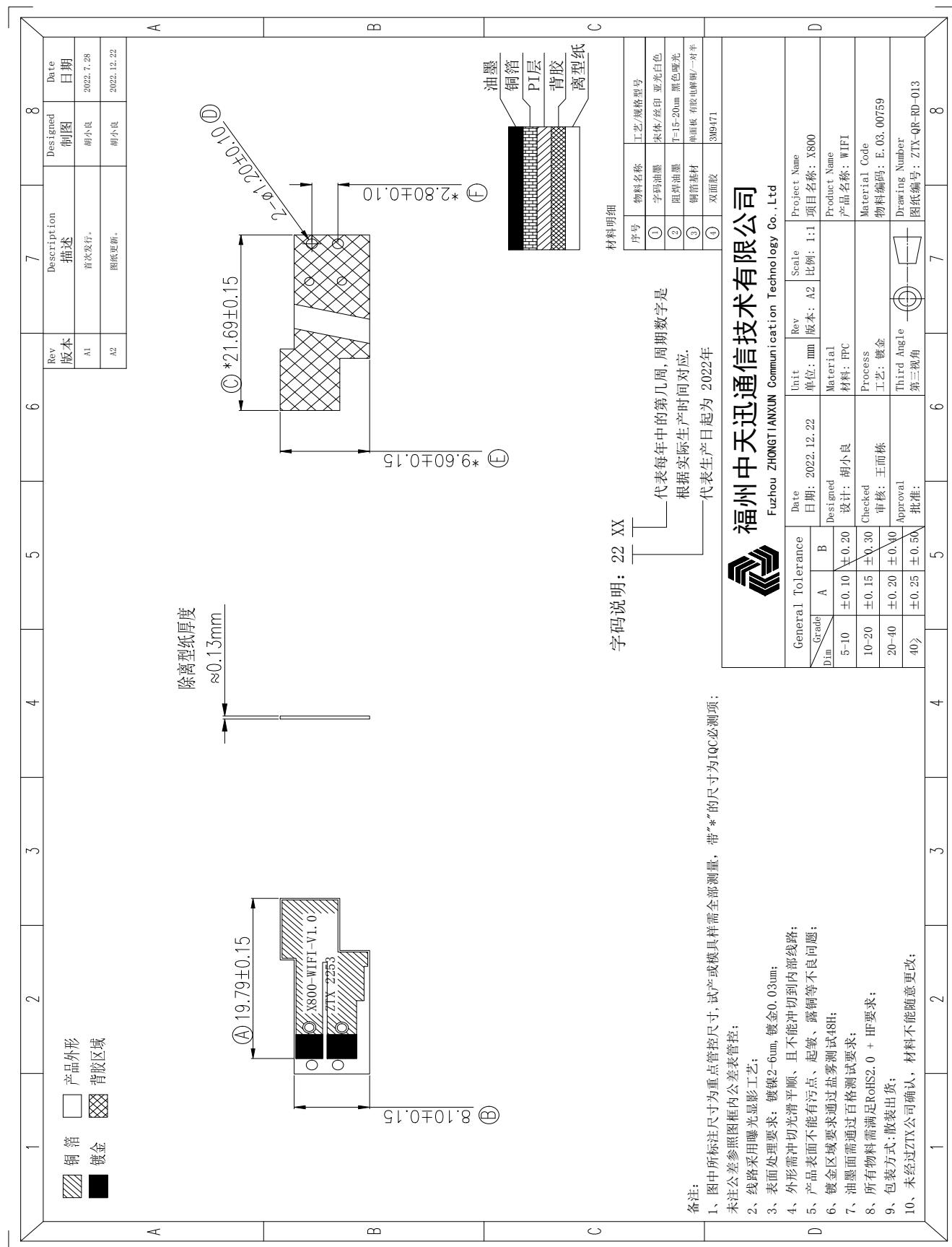
Rev: R:A3

ZTX P/N : X800 WIFI

Editor:

Page 12 of 14

3. Mechanical Specification



福州中天迅通信技术有限公司
ZHONGTIAN XUN Communication Technology Co.,Ltd.

ANTENNA SPECIFICATION

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Rev: R:A3

ZTX P/N : X800 WIFI

Editor:

Page 13 of 14

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 ±2°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±2°C 2.Humidity: 0%RH 3.Time: 48hrs	The VSWR, Gain, Radiation Pattern must be met specifications after these test.



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Rev: R:A3

ZTX P/N : X800 WIFI

Editor:

Page 14 of 14

7. The packing way

福州中天迅通信技术有限公司 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																													
WIFI	X800	ZTX-QD-WI-024	A1	包装	/																													
作业方法(自检该工序作业合格后,方能流入下一道工序)					注意事项:																													
<p>1. 产品采用单PCS出发,每(100pcs)产品用90*130mmPE封口膜</p> <p>2. 每个160*240mmPE开口膜袋装10小袋(1000PCS),尾数除外;</p>					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。																													
<p>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。</p> <p>4. 条码需清晰可扫描</p>																																		
<p>3. 外箱上除标签贴外,不能有任何丝印(即空白纸箱)出货;</p> <p>4. 将包装好后的產品装入纸箱,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。</p>					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,)																													
<table border="1"> <tr> <td>NPW码:XXXXXX000000</td> <td>物料编号</td> <td>物料名称及规格</td> <td>用量</td> <td>工/夹具治具</td> </tr> <tr> <td>产品名称:XX00000000</td> <td></td> <td>纸箱(45*32.5*21)cm</td> <td>1</td> <td>电子称</td> </tr> <tr> <td>物码: XX0000000000</td> <td></td> <td>PE封口袋(90*130)mm</td> <td>200</td> <td>封口机</td> </tr> <tr> <td>数量: 1000pcs</td> <td></td> <td>PE开口袋(160*240)mm</td> <td>20</td> <td></td> </tr> <tr> <td>重量: XX g</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>周期: XXXXXX</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					NPW码:XXXXXX000000	物料编号	物料名称及规格	用量	工/夹具治具	产品名称:XX00000000		纸箱(45*32.5*21)cm	1	电子称	物码: XX0000000000		PE封口袋(90*130)mm	200	封口机	数量: 1000pcs		PE开口袋(160*240)mm	20		重量: XX g					周期: XXXXXX				
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周期: XXXXXX																																		
<p>图1: 确认数量</p>  <p>图2: 每10小袋用大PE袋包装</p> 																																		
<p>图3: 贴外箱标签, 封箱</p> 																																		
版本		修订内容		修订日期	修订人																													
制订	胡小良	审核	易爱玲	品质确认	胡春梅																													
				批准	张武民																													



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