

样品承认书

Parts Approval Sheet

生产供应商: 深圳市中天迅通信技术股份
有限公司

Supplier

型号/规格:

Type/Spec

品牌: ZTX

Brand

送样日期: 2022-10-12

Send out Date

承认日期:

Approve Date

物料名称: WIFI 片式铁片天线

Parts Name

海勤料号:

Parts No

样品数量: 1pcs

Quantity

文件编号:

Document No

版本: A2

Version

Supplier		Customer	
Approved By	Prepared By	Engineering Dept	Quality Dept
黄琼	赖宁平		

供应商地址: 深圳市宝安区石岩镇石龙大道 34 号(腾达工业园)

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A2)

	CUSTOMER(客户名称)	安徽海勤科技有限公司	
	CS P/N(客户机种)	RV1109V01	T1109
	PART NAME(品名)	WIFI 天线	
	FREQUENCY(频率)	2.4G~2.5GHz+5.15G~5.85Hz	
	ZTX NO.(物料编号)	1.01.02028	
	DATE(日期)	2022-10-12	

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	QA CHECKED
		赖宁平	黄琼	



深圳市中天迅通信技术有限公司

SHENZHEN ZHONGTIAN XUN Communication Technology Co.,Ltd.

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ANTENNA SPECIFICATION

CUS.P/N :RV1109V01 (T1109) WIFI 天线 Application Date:Oct,12, 2022

Rev: R:A2

Ace P/N : RV1109V01 (T1109) WIFI 天线 Editor:

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Revision history

版本	日期	状态
A1	2022-08-03	首版
A2	2022-10-12	材质由 C7701 洋白铜改为 SUS304



深圳市中天迅通信技术股份有限公司

SHENZHEN ZHONGTIAN XUN Communication Technology Co.,Ltd.

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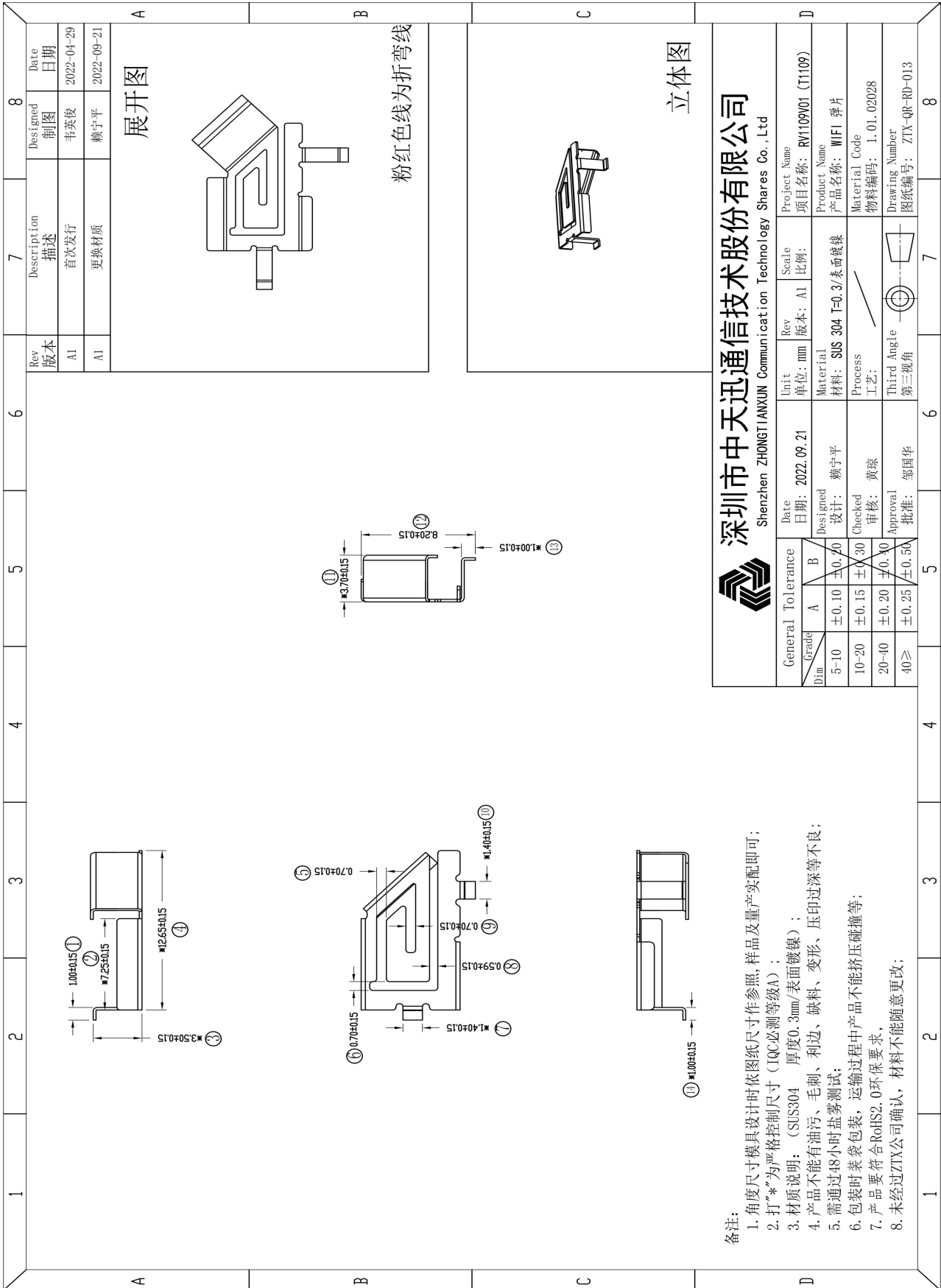
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1.Mechanical Specification

1-1 Mechanical Configuration(WIFI 天线)



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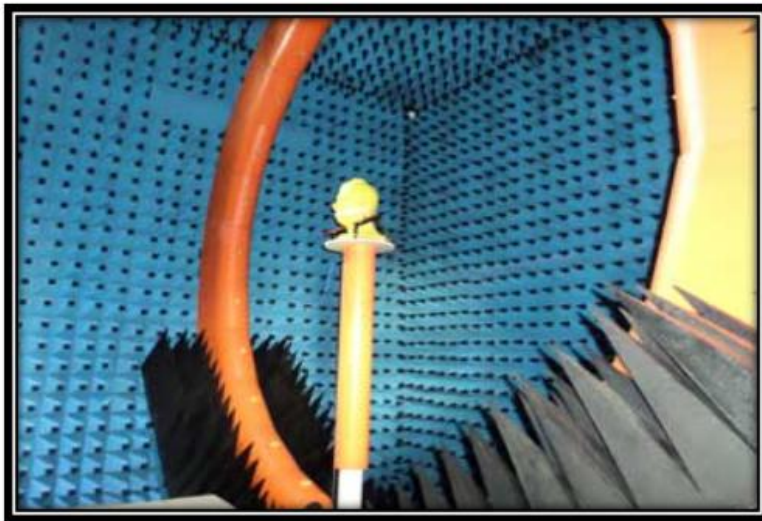
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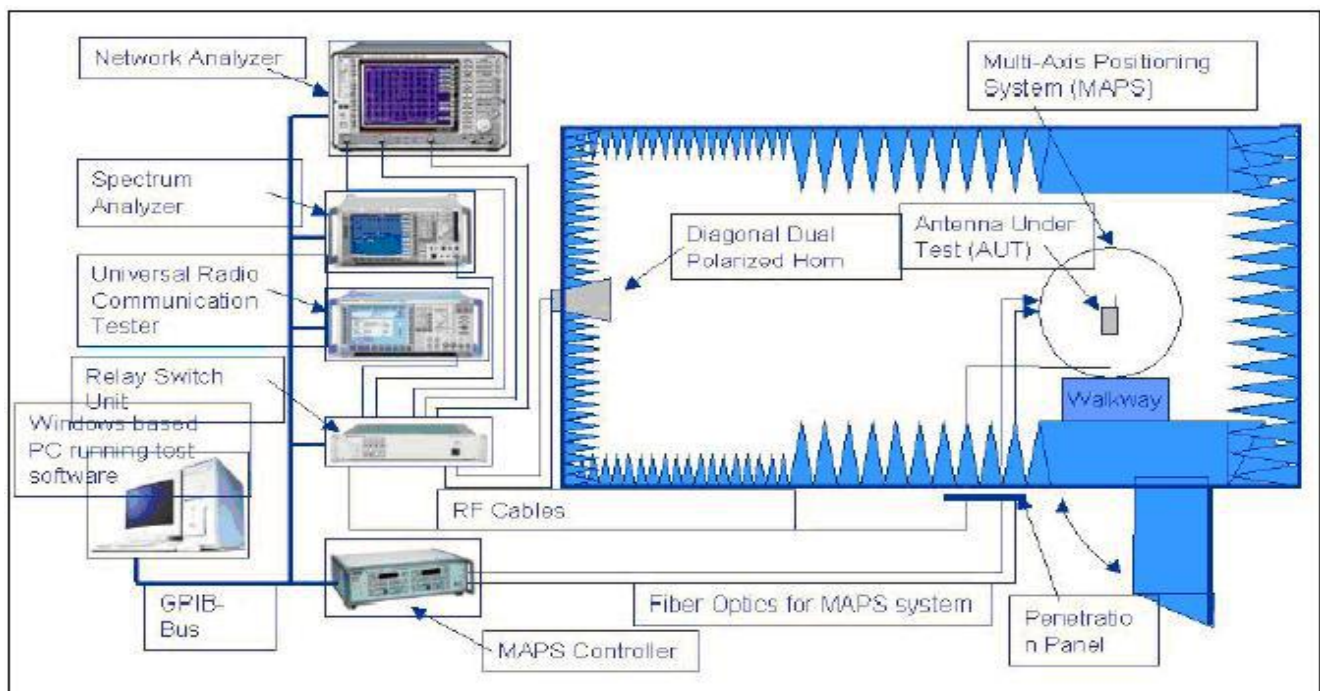
2. Test equipment



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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3.Antenna test data

3-1 Position description

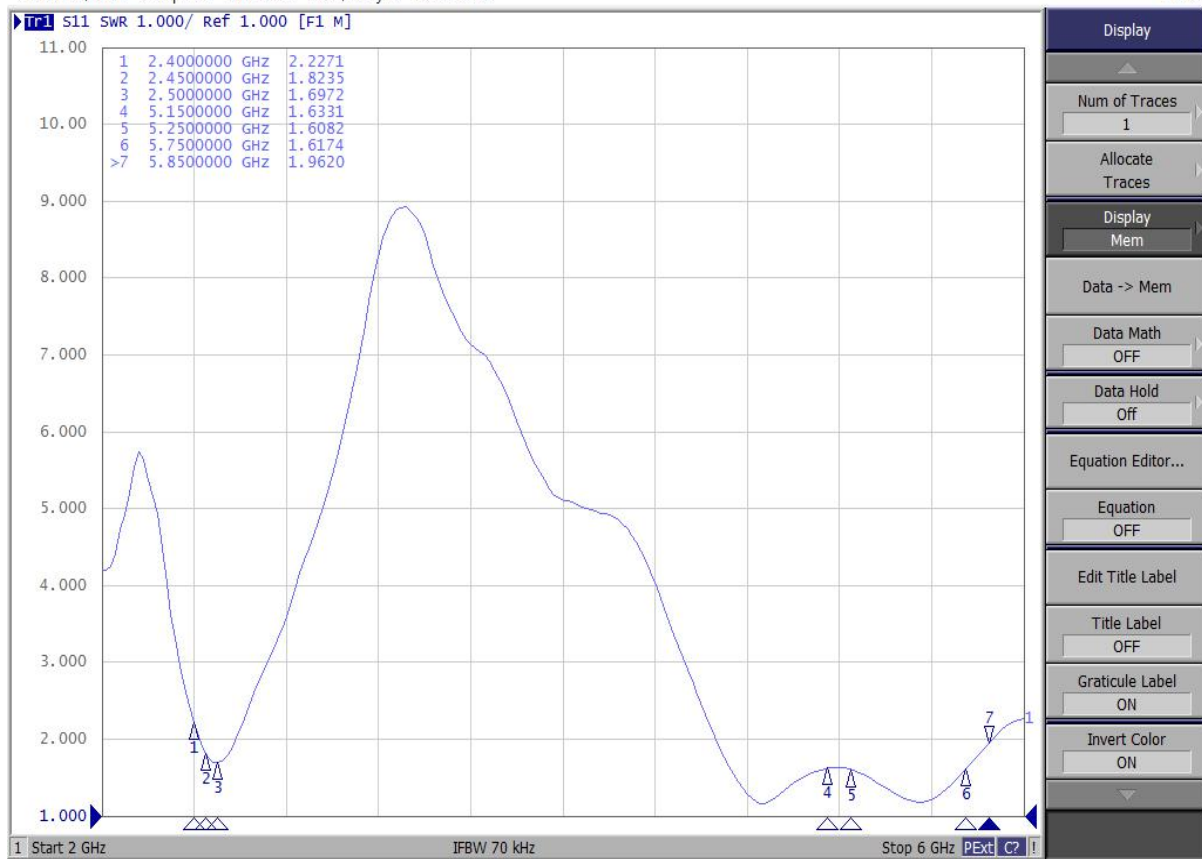


3-2 VSWR

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Resize



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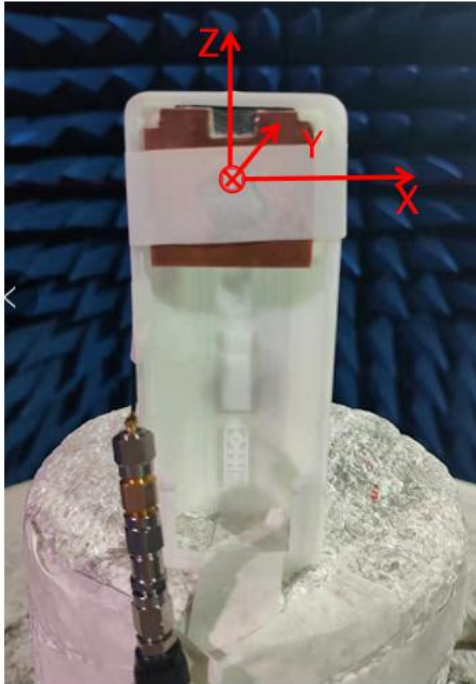
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3-3 Environment treatment



Measurement orientation



Antenna location

3-4 No-source test data

Frequency	Efficien	Efficien	Gain . dB
2.4E+09	50%	-3.05	4.24
2.41E+09	52%	-2.87	4.33
2.42E+09	50%	-2.97	4.77
2.43E+09	51%	-2.92	4.95
2.44E+09	53%	-2.78	5.18
2.45E+09	52%	-2.81	5.27
2.46E+09	52%	-2.86	5.75
2.47E+09	52%	-2.88	5.21
2.48E+09	51%	-2.88	5.23
2.49E+09	53%	-2.78	5.34
2.5E+09	54%	-2.72	5.17
5.15E+09	52%	-2.80	3.01
5.2E+09	52%	-2.86	3.00
5.25E+09	54%	-2.71	3.10
5.3E+09	50%	-3.00	3.09
5.35E+09	52%	-2.86	3.21
5.4E+09	52%	-2.81	3.10
5.45E+09	51%	-2.95	3.58
5.5E+09	53%	-2.75	3.69
5.55E+09	54%	-2.65	3.68
5.6E+09	52%	-2.88	3.86
5.65E+09	50%	-3.00	3.63
5.7E+09	51%	-2.88	3.18
5.75E+09	53%	-2.78	3.29
5.8E+09	50%	-3.00	3.19
5.85E+09	50%	-3.04	3.05



ANTENNA SPECIFICATION

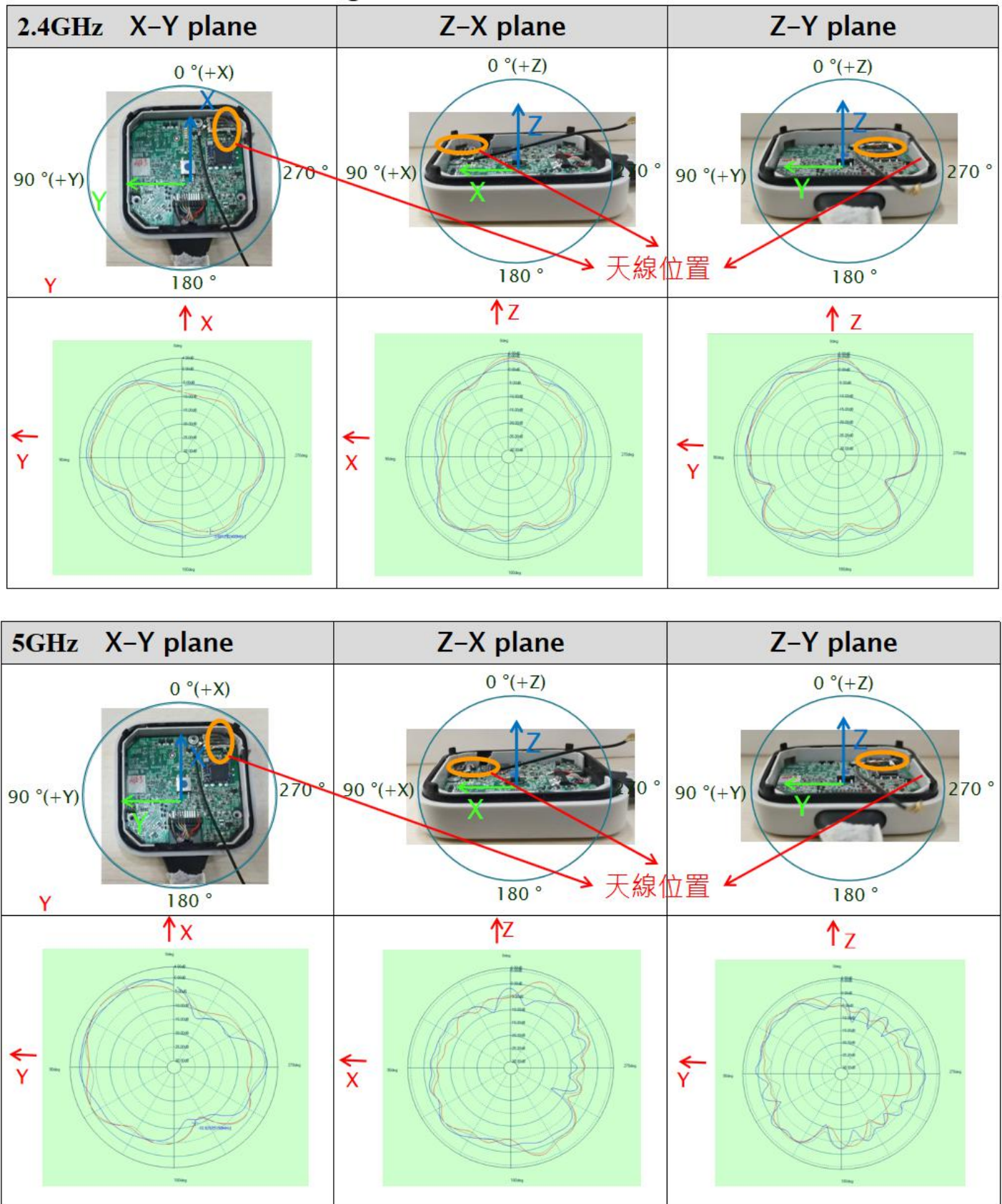
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3-5 Directional drawing of horizontal plane of&3D radiation drawing



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4.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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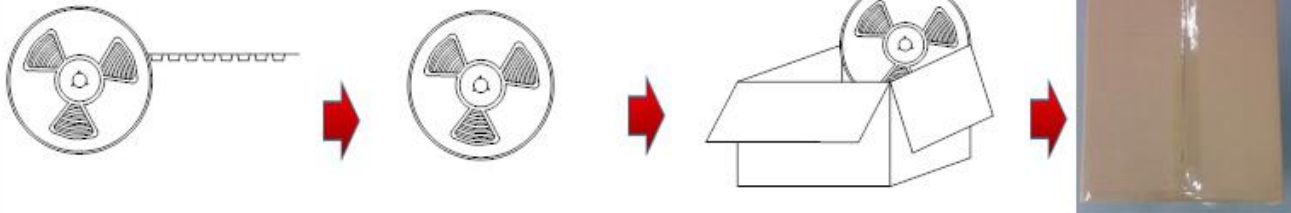
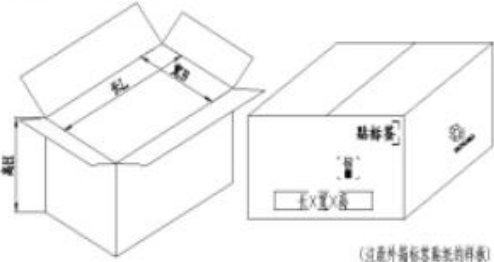
5.The packing way



深圳市中天迅通信科技股份有限公司

SHENZHEN ZHONGTIAN XUN Communication Technology Co.,Ltd.

包装规范&作业指导书

客户名称	海勤科技	产品型号	RV1109V01 (T1109)		产品名称	WIFI天线
纸箱规格	K=K(牛皮纸) 520*340*340mm		物料编号	/	用量	1PCS
载带盘	/		物料编号	/	用量	XXPCS
纸板规格	/		其他物料	标签/胶带		
每箱数量	XXXXXPCS		载带盘	XXXXPCS/盘		
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.					
包装简图： 采用载带包装形式：XXXXPCS/盘→贴标签→每 XX 盘（XXXXXPCS）装箱→贴标签→封箱						
						
NO	变 更 内 容		变更人及日期			
标签简图：			外箱简图：			
			 (注意外箱标签需贴制件标识)			

制表：韦泓佳

审核：向恒锋

核准：党非非



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SHENZHEN ZHONGTIAN XUN Communication Technology Co.,Ltd.