

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER(客户名称)	和生创新	
	CS P/N(客户机种)		
	TEST MODEL (测试机型)	DR-HCF001S, DR-HCF003S	
	PART NAME(品名)	WIFI 天线组件	
	FREQUENCY(频率)	2400~2500MHz	
	ZTX NO.(物料编号)	2.00006696	
	DATE(日期)	2024-10-09	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章):

Shenzhen ZTX Communication Technology Co., Ltd				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		柯友杰	江博厚	



Shenzhen ZTX Communication Technology Co., Ltd

地址: 深圳市宝安区石岩镇石龙大道 34 号(腾达工业园)

邮编: 518000

电话: 0755-27588320

传真: 0755-27588045

<http://www.chinaztx.com>

ANTENNA SPECIFICATION

CUS P/N:DR-HCF001S_WIFI 天线组件

Application Date:Oct,09,2024

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Revision history

版本	日期	状态
A0	2024-10-09	初版

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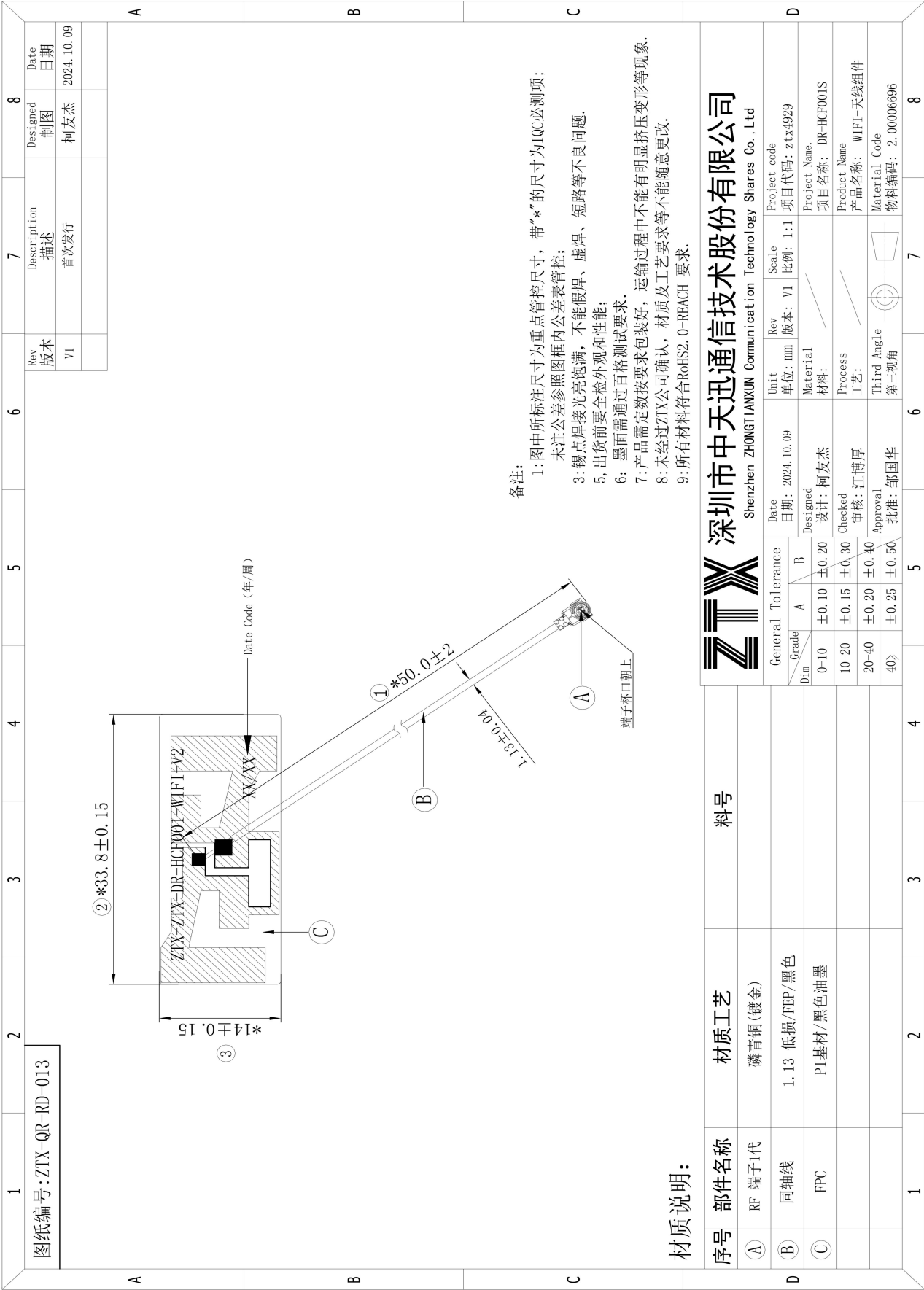
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1. Mechanical Specification

1-1 Mechanical Configuration (WIFI 天线组件)



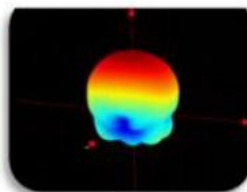
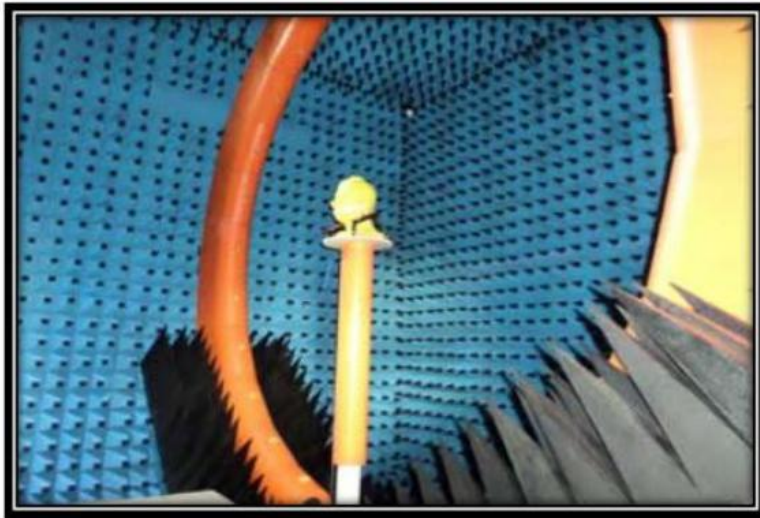
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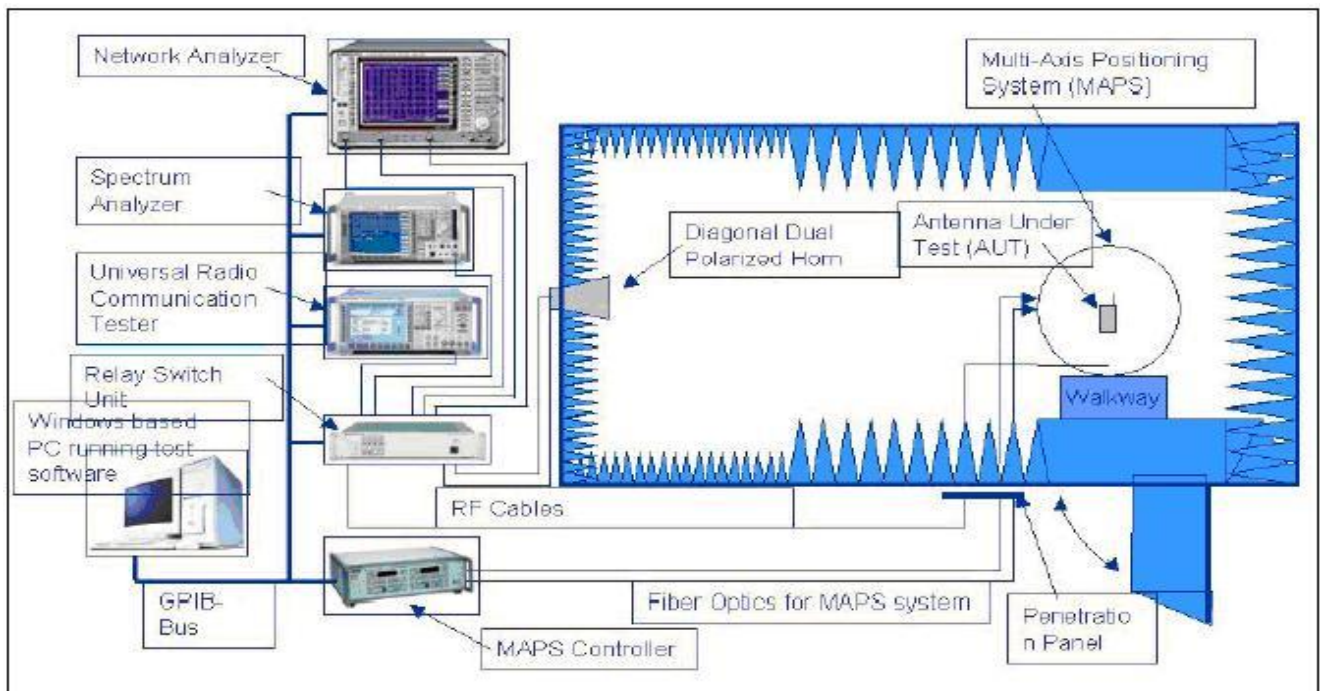
2. Test equipment



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 CTIA 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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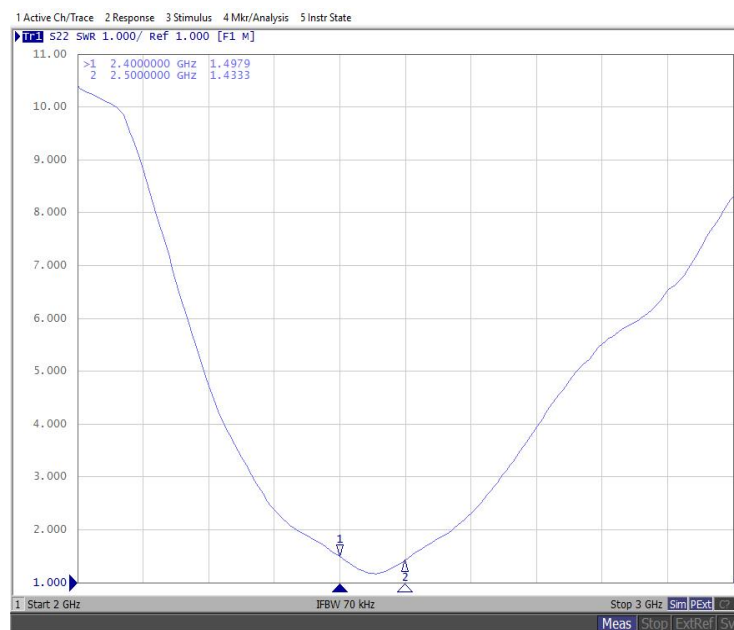
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3.Test Results Summary

3-1 Active Test

Channels	B		G		N	
	TRP	TIS	TRP	TIS	TRP	TIS
1	15. 21	-83. 48	12. 12	-69. 64	12. 46	-66. 28
6	15. 74	-83. 26	12. 37	-69. 73	12. 59	-66. 10
11	15. 68	-83. 59	12. 21	-69. 34	12. 43	-66. 13

3-2 VSWR



3-3 No-source test data

Frequency	Efficiency	Efficiency. dB	Gain. dB
2400MHz	63%	-2. 01	4. 59
2410MHz	64%	-1. 94	4. 72
2420MHz	66%	-1. 80	5. 12
2430MHz	64%	-1. 94	5. 01
2440MHz	65%	-1. 87	5. 03
2450MHz	65%	-1. 87	4. 76
2460MHz	64%	-1. 94	4. 59
2470MHz	64%	-1. 94	4. 57
2480MHz	62%	-2. 08	4. 23
2490MHz	61%	-2. 15	4. 32
2500MHz	61%	-2. 15	4. 19

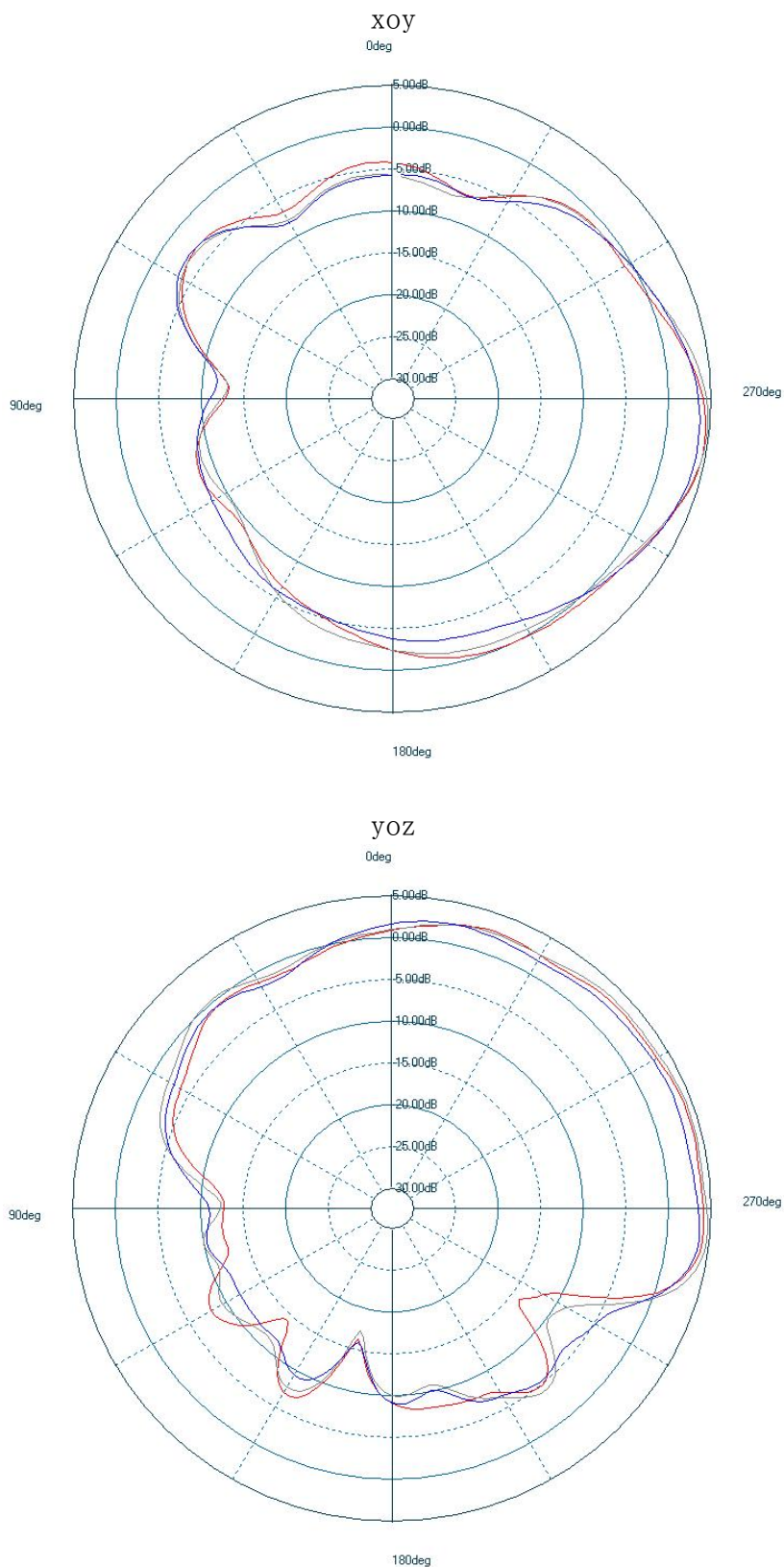
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3-4 2D/3D Radiation Pattern Results

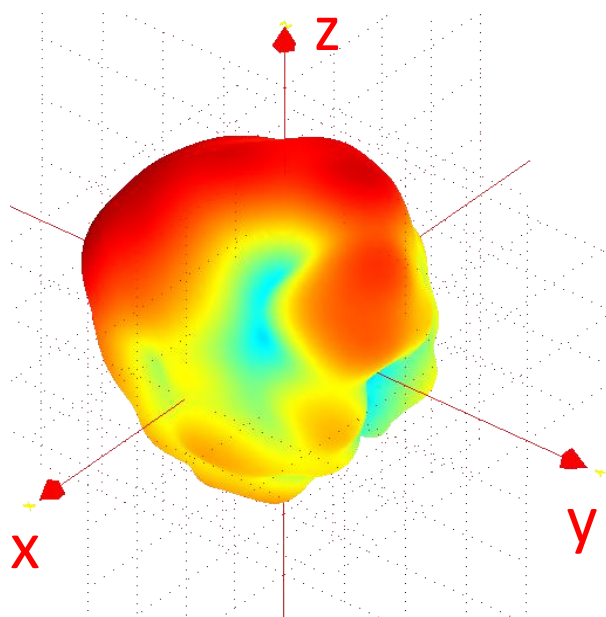
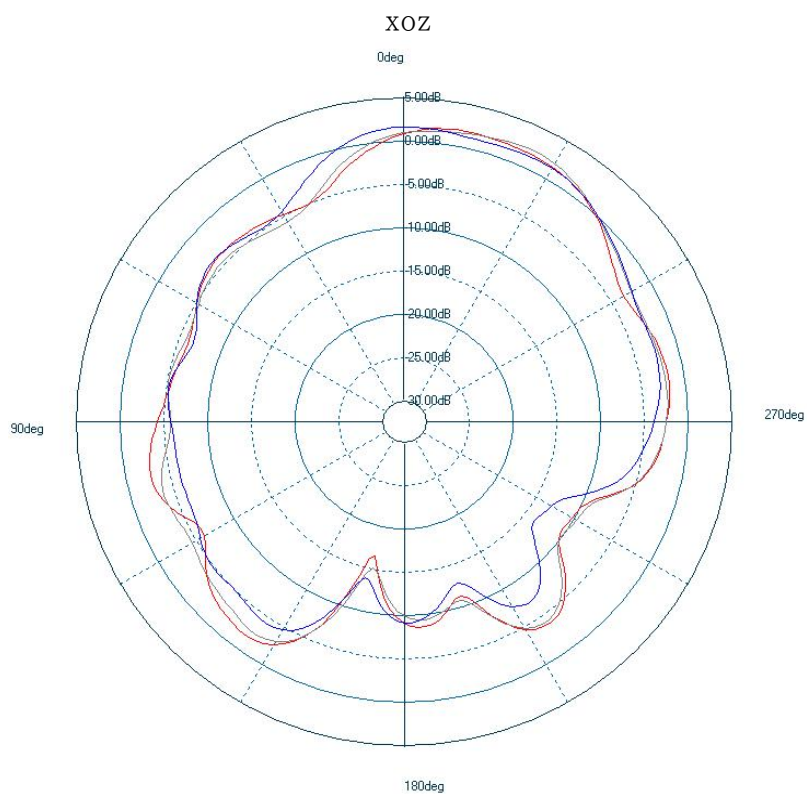


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3-5 Environmental treatment

WIFI天线位置

