

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER(客户名称)	Tonly	
CS P/N(客户机种)		
PART NAME(品名)	ZTX-SWH3-WIFI-0 天线组件	
MODEL NAME(型号名称)	ZTX-SWH3-WIFI-0-V04	
FREQUENCY(频率)	2400~2500/5150~5975/6025~6975/7025~7125MHz	
CUS.P/N(客户料号)		
ZTX NO.(物料编号)	2.00001706	
DATE(日期)	2025-07-02	

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 2025-07-02 研发专用章	MANAGER CHECKED	ME CHECKED 覃乐	RF CHECKED 刘翠琳	LISTER

ZTX 中天迅

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ANTENNA SPECIFICATION

CUS P/N :

Application Date:Jul,02,2025

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Revision history

版本	日期	状态
A0	2025-07-02	初版

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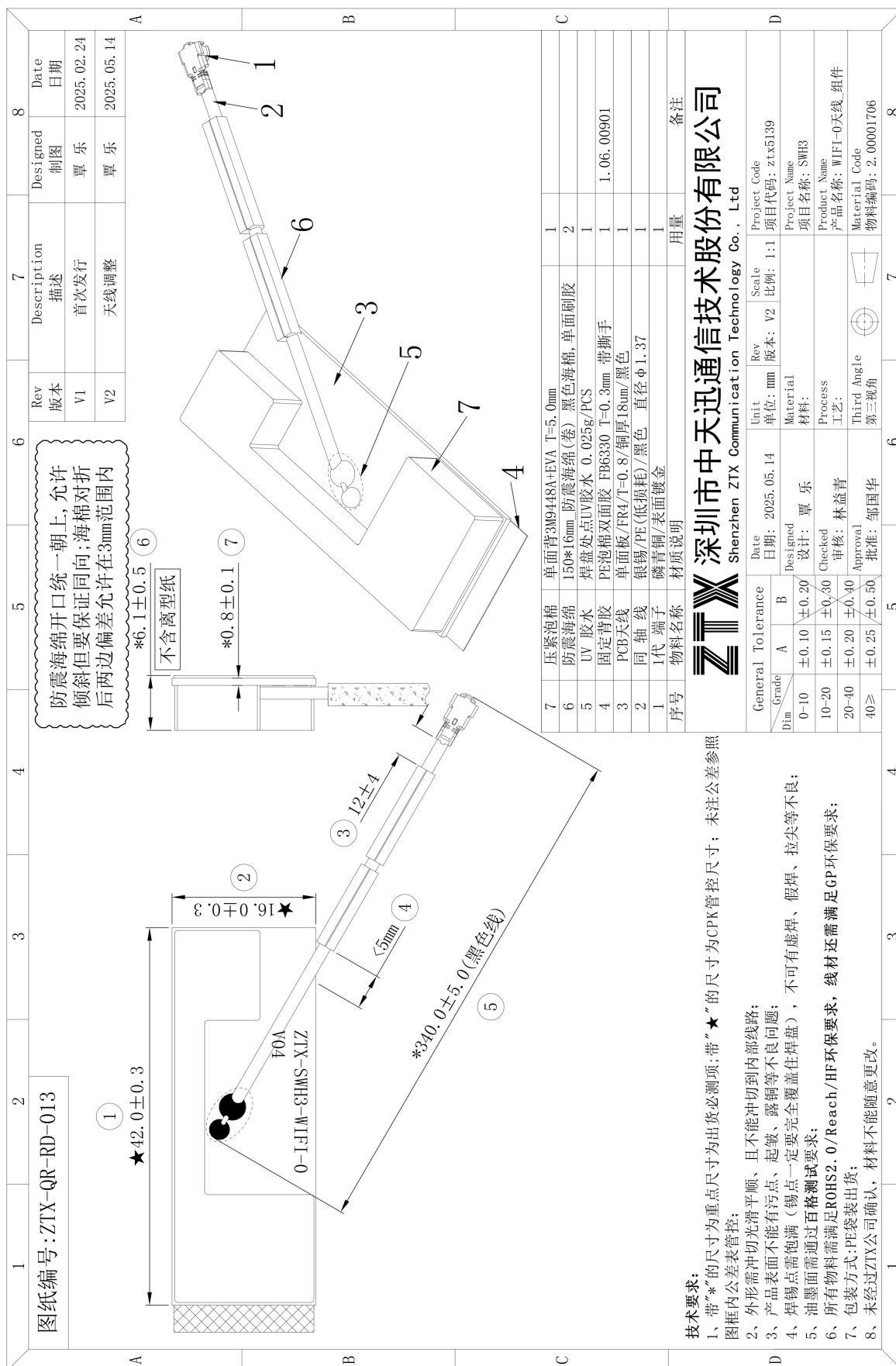
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1. Mechanical Specification

1-1 Mechanical Configuration (WiFi0 天线组件)



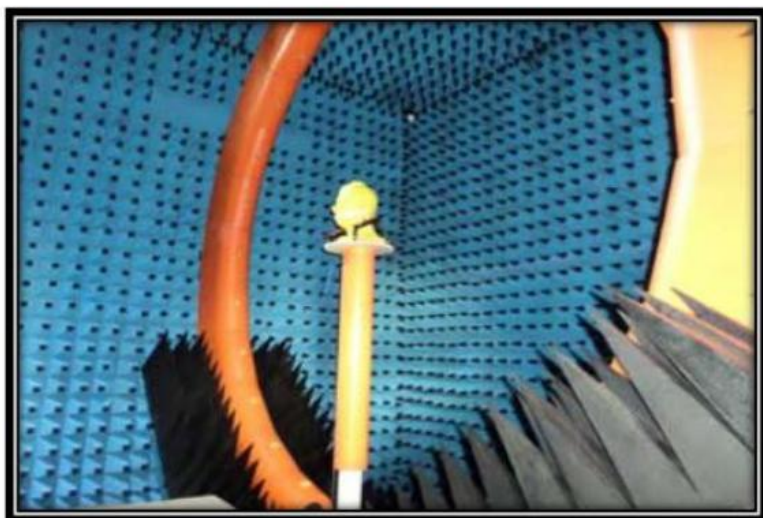
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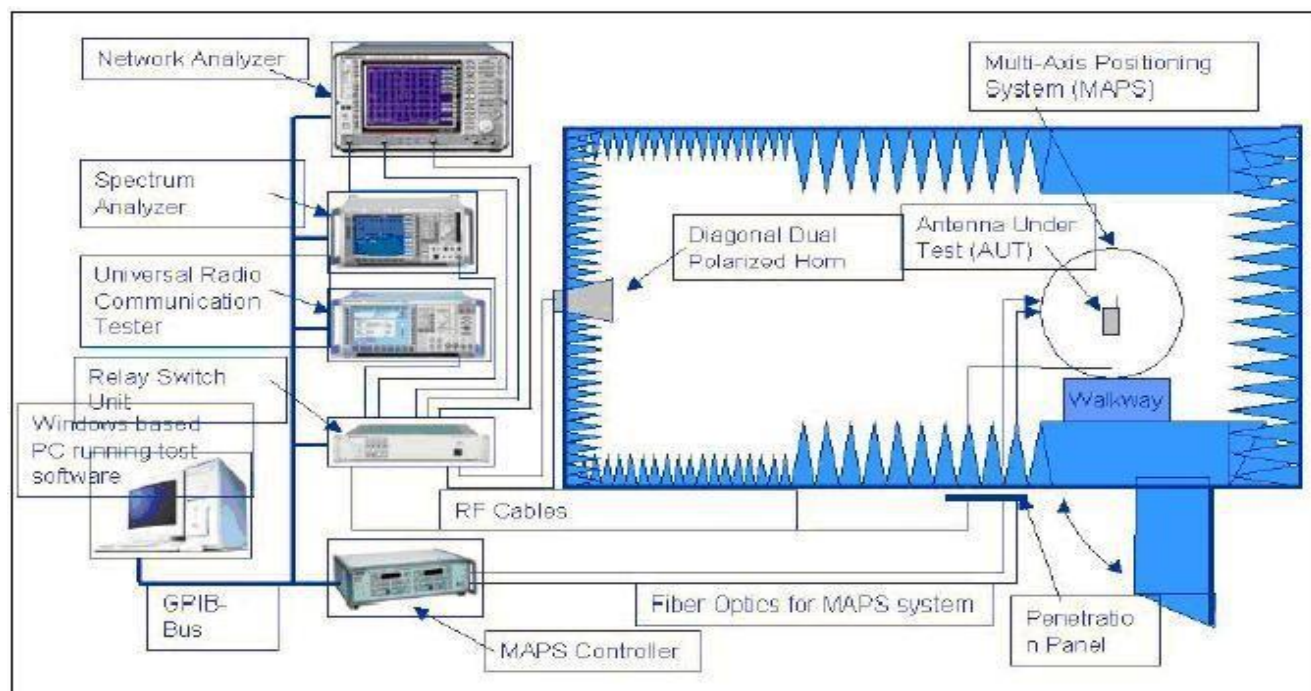
2.Test equipment



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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2-1 Passive Test

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)	Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	44%	-3.59	2.22	5850	44%	-3.56	3.77
2410	45%	-3.49	2.03	5900	44%	-3.61	3.53
2420	45%	-3.49	2.20	5950	45%	-3.49	3.85
2430	46%	-3.38	2.21	6000	42%	-3.80	3.50
2440	46%	-3.38	2.25	6050	42%	-3.80	3.48
2442	47%	-3.13	2.69	6100	41%	-3.88	3.82
2450	47%	-3.27	2.25	6150	39%	-4.04	3.78
2460	46%	-3.42	2.25	6200	38%	-4.19	3.57
2470	46%	-3.35	2.23	6250	39%	-4.14	3.46
2480	46%	-3.41	2.02	6300	38%	-4.23	3.31
2484	46%	-3.45	2.32	6350	38%	-4.21	3.07
2490	46%	-3.40	1.75	6400	38%	-4.17	3.76
2500	45%	-3.48	1.70	6450	38%	-4.22	3.58
5150	42%	-3.80	2.78	6500	38%	-4.21	3.25
5200	41%	-3.91	3.16	6550	39%	-4.05	3.28
5250	41%	-3.86	3.28	6600	38%	-4.21	2.93
5300	43%	-3.69	3.65	6650	37%	-4.30	2.54
5350	44%	-3.60	3.89	6700	37%	-4.33	2.29
5400	44%	-3.61	3.67	6750	35%	-4.60	2.18
5450	42%	-3.80	3.42	6800	37%	-4.28	2.84
5500	42%	-3.73	3.48	6850	36%	-4.43	2.79
5550	43%	-3.65	3.57	6900	36%	-4.40	2.98
5600	43%	-3.65	3.62	6950	35%	-4.54	3.13
5650	44%	-3.59	3.65	7000	36%	-4.46	2.94
5700	43%	-3.68	3.28	7050	35%	-4.56	3.60
5750	43%	-3.65	3.95	7100	35%	-4.55	3.78
5800	44%	-3.60	3.62	7150	36%	-4.42	3.69

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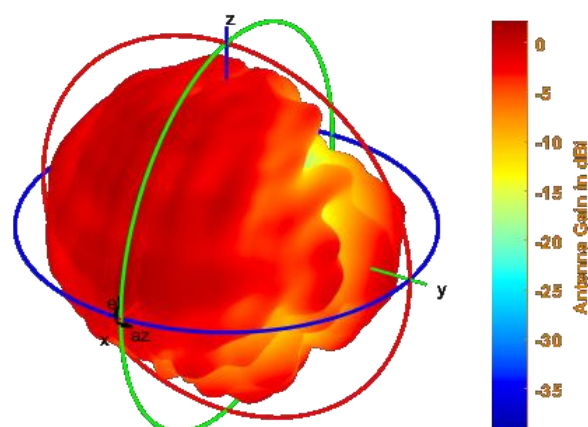
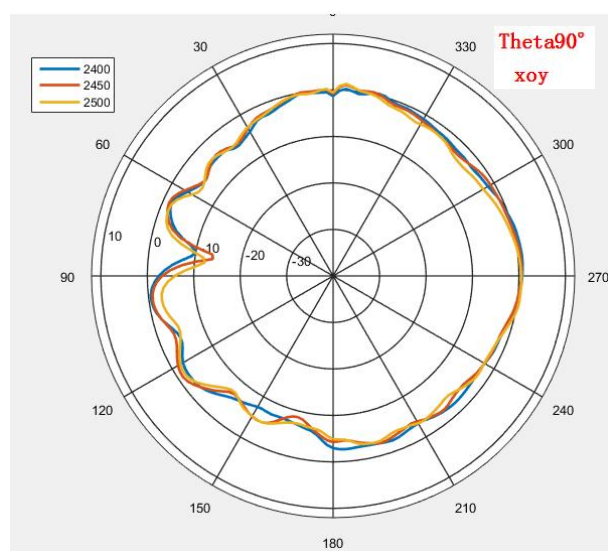
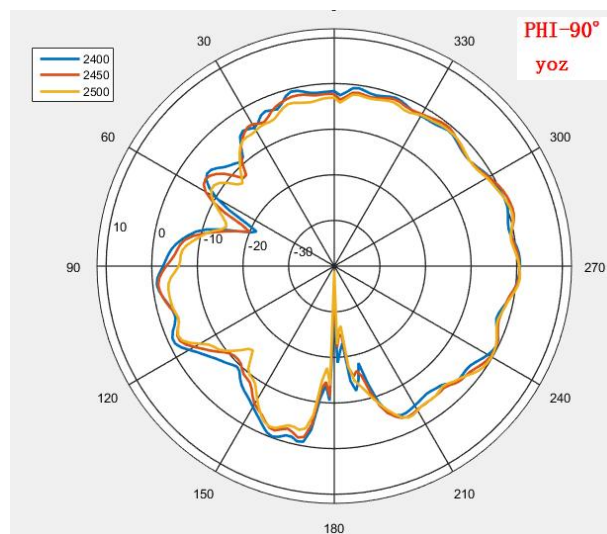
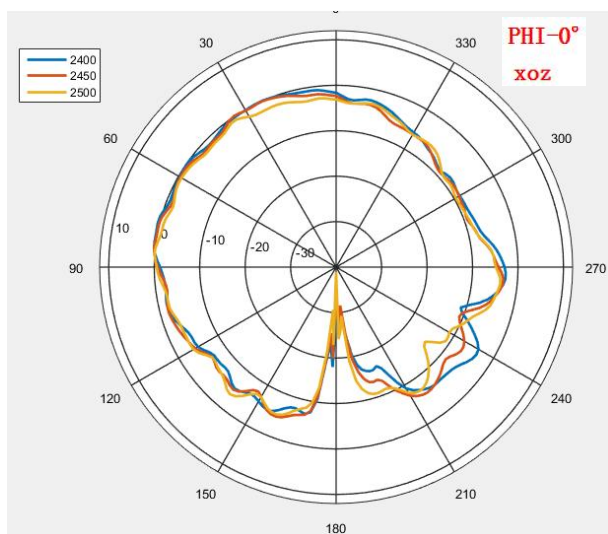
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2-2 2D/3D Radiation Pattern Results

2. 4G



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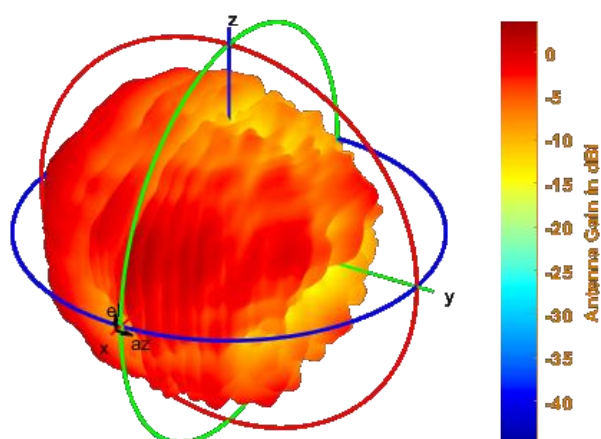
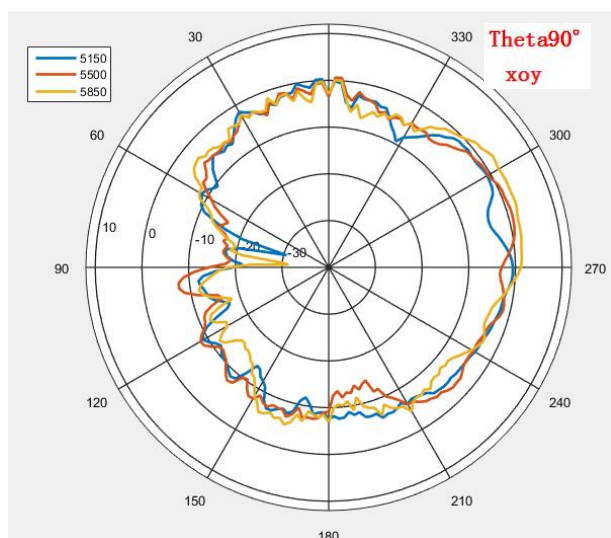
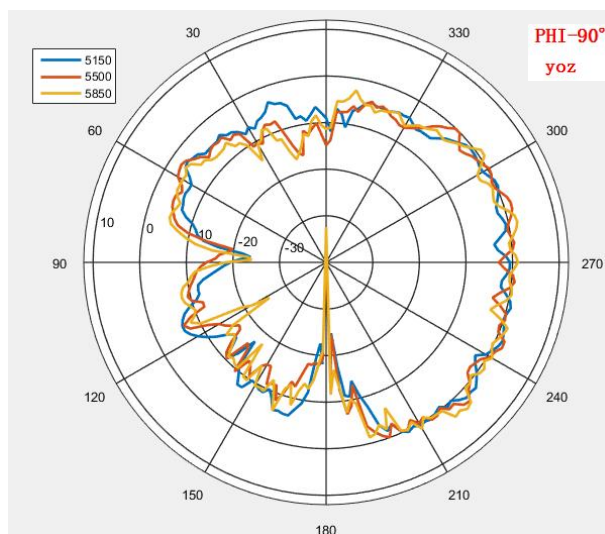
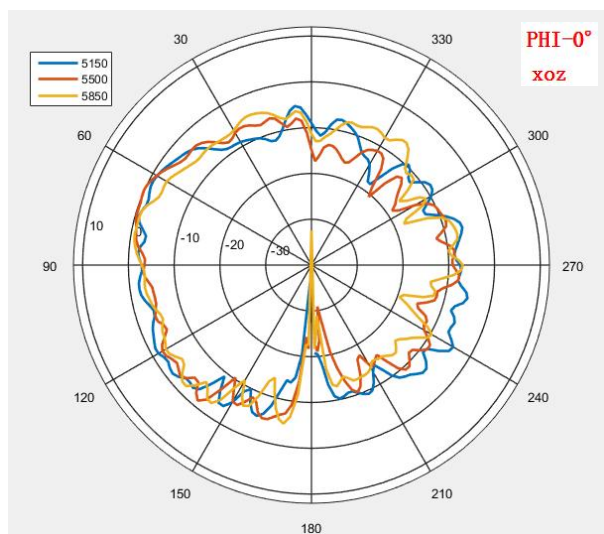
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