

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-AHS-Ant-3#天线组件	
MODEL NAME(型号名称)	ZTX-AHS-Ant-3#-V02	
FREQUENCY(频率)	2400~2500/5150~5950/6000~6950/7000~7150MHz	
CUS.P/N(客户料号)		
ZTX NO.(物料编号)	2.00001694	
DATE(日期)	2025-07-03	

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
20250703 研发专用章		覃乐	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

Revision history

版本	日期	状态
A0	2025-07-03	初版

ANTENNA SPECIFICATION

CUS P/N :

Application Date:Jul,03,2025

Rev: R:A0

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Application Date: Jul, 03, 2025

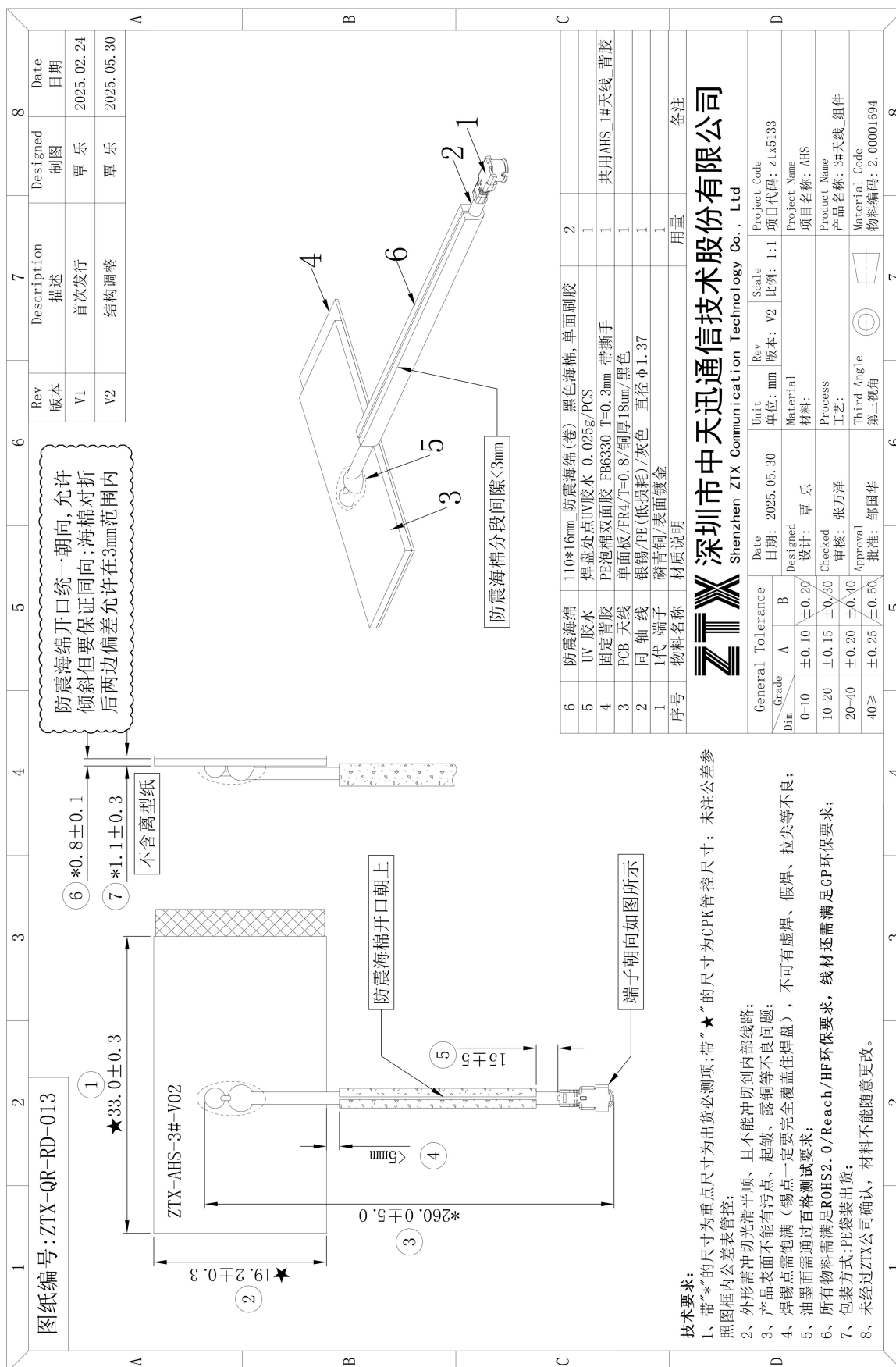
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1. Mechanical Specification

1-1 Mechanical Configuration (3#天线组件)



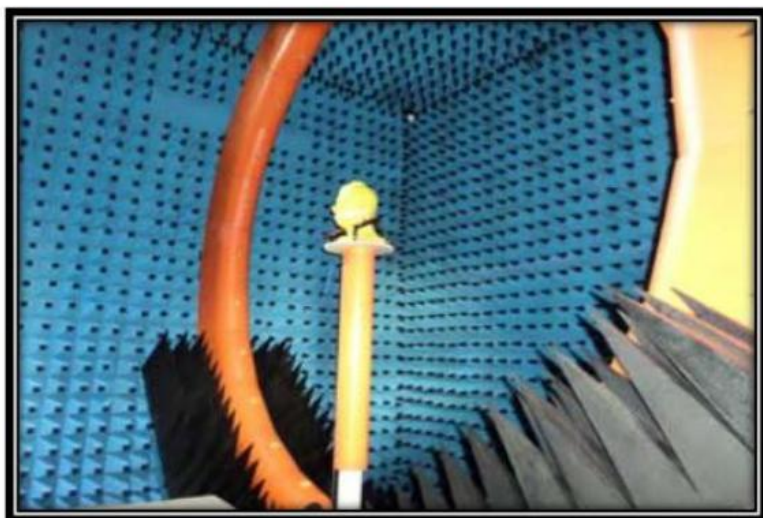
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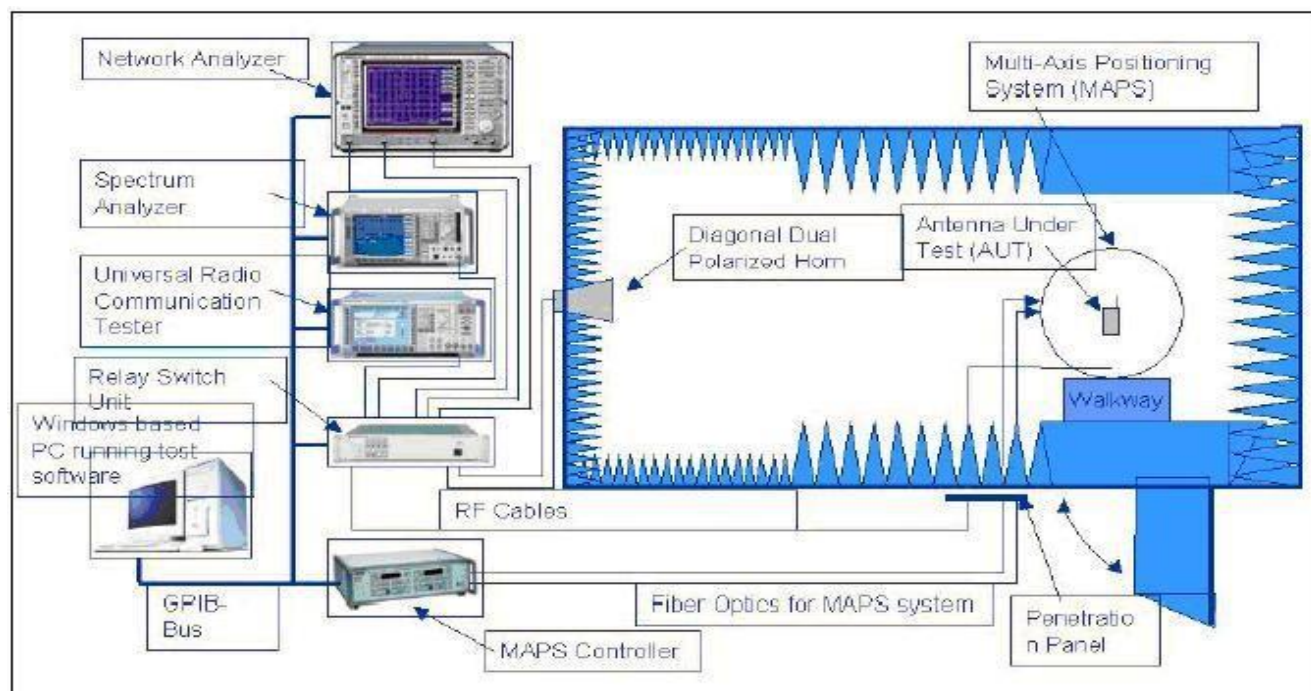
2.Test equipment



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	56%	-2.53	3.57	5925	46%	-3.39	3.01
2410	56%	-2.49	3.51	5975	46%	-3.34	2.63
2420	57%	-2.48	3.56	6025	46%	-3.37	3.39
2430	57%	-2.47	3.82	6075	46%	-3.34	2.8
2440	56%	-2.51	3.48	6125	46%	-3.39	2.94
2450	55%	-2.59	3.37	6175	46%	-3.34	3.32
2460	55%	-2.62	3.38	6225	44%	-3.52	3.42
2470	56%	-2.54	3.58	6275	45%	-3.45	2.67
2480	56%	-2.50	3.32	6325	46%	-3.40	3.83
2490	56%	-2.51	3.13	6375	46%	-3.40	3.33
2500	57%	-2.42	3.18	6425	45%	-3.50	3.32
5150	42%	-3.73	2.86	6475	45%	-3.43	3.07
5200	42%	-3.78	2.96	6525	46%	-3.35	3.1
5250	42%	-3.72	3.11	6575	44%	-3.55	2.97
5300	43%	-3.62	3.15	6625	45%	-3.49	2.87
5350	42%	-3.80	2.86	6675	45%	-3.48	2.16
5400	42%	-3.80	3.09	6725	43%	-3.70	2.12
5450	44%	-3.59	3.42	6775	44%	-3.53	2.68
5500	43%	-3.64	3.55	6825	44%	-3.61	3.27
5550	48%	-3.21	2.84	6875	44%	-3.53	2.6
5600	47%	-3.24	2.85	6925	44%	-3.60	3.13
5650	48%	-3.18	3.04	6975	43%	-3.65	2.55
5700	46%	-3.34	3.27	7025	43%	-3.64	2.71
5750	45%	-3.46	3.34	7075	43%	-3.69	2.81
5800	46%	-3.40	3.6	7125	43%	-3.65	2.94
5850	46%	-3.35	2.98				

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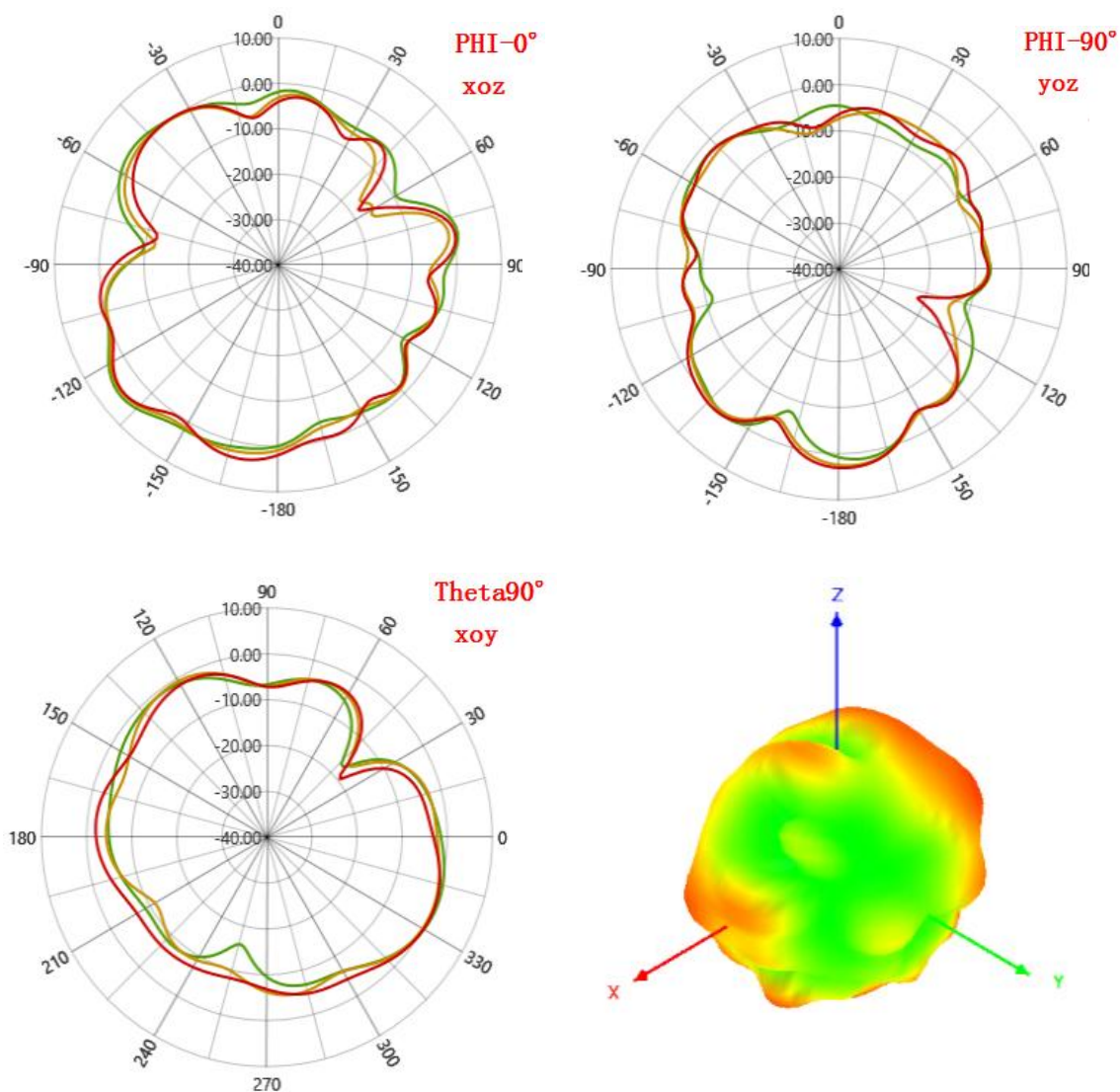
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2-2 2D/3D Radiation Pattern Results

2. 4G



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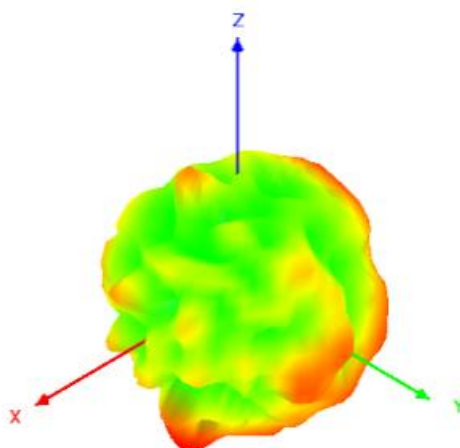
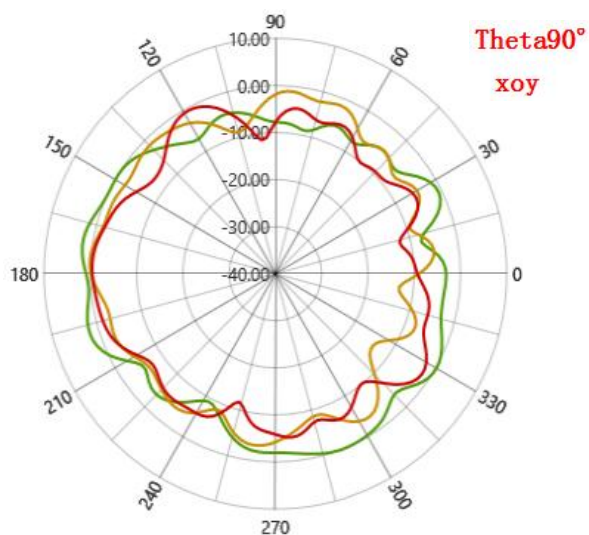
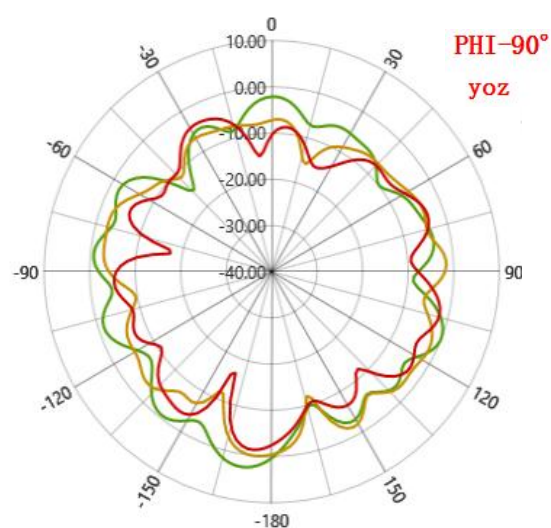
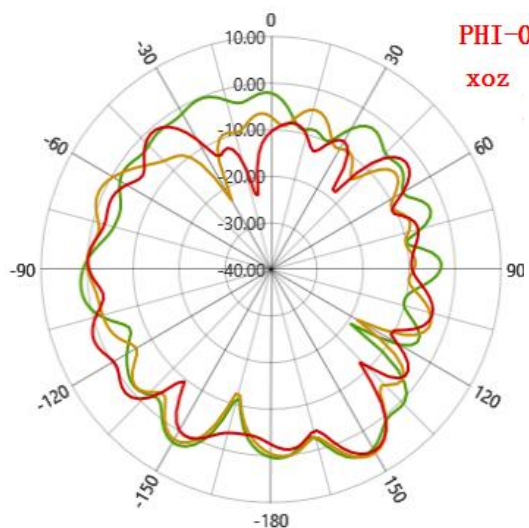
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5G



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