

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-SWH5-BT 天线组件	
MODEL NAME(型号名称)	ZTX-SWH5-BT-V01	
FREQUENCY(频率)	2400~2500MHz	
CUS.P/N(客户料号)		
ZTX NO.(物料编号)	2.00001723	
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	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		覃乐	冯家能	



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ANTENNA SPECIFICATION

CUS P/N:
ZTX P/N:SWH5-BT-V01

Application Date:Jul,02,2025
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Rev: R:A0
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Revision history

版本	日期	状态
A0	2025-07-02	初版

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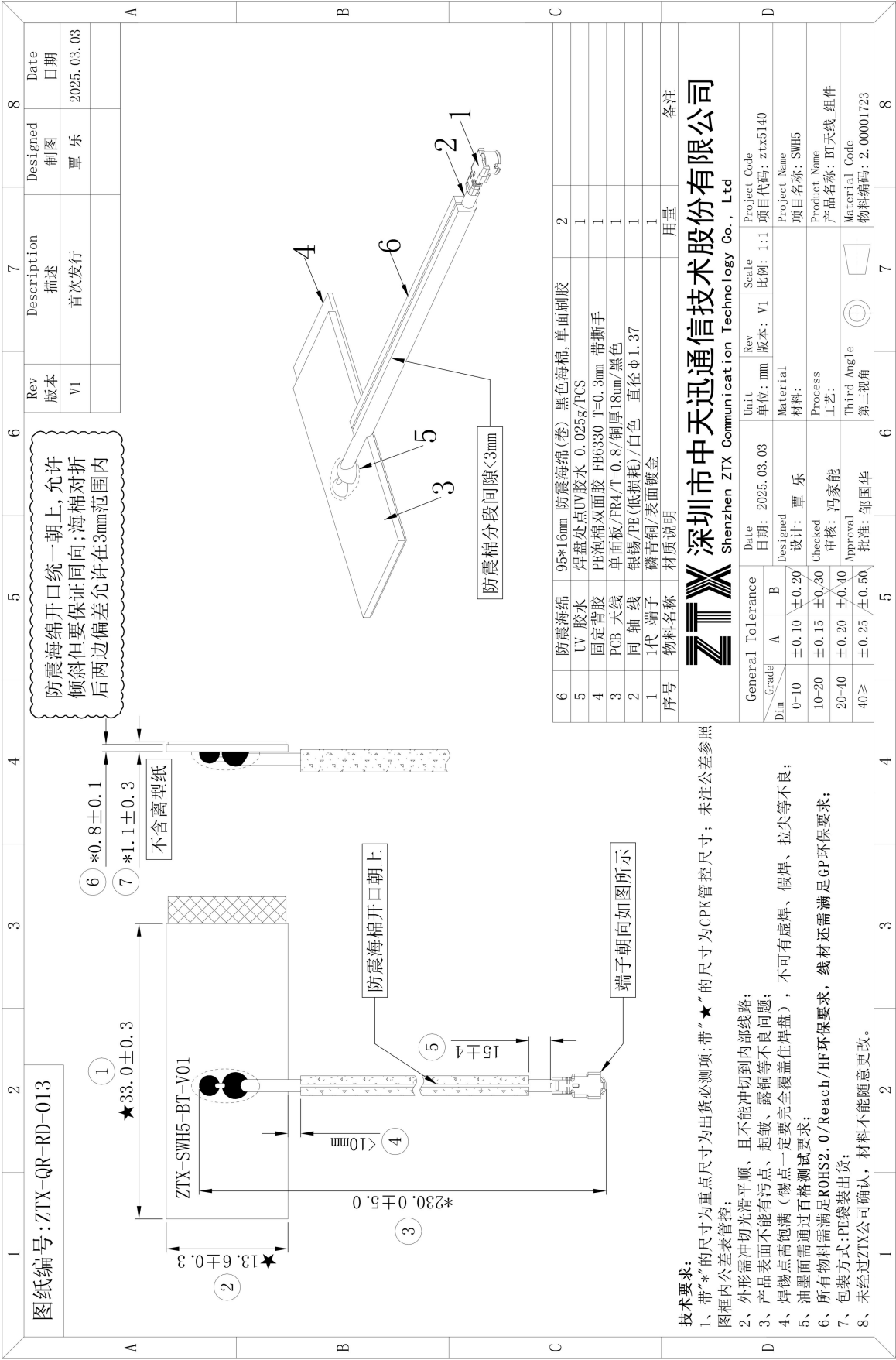
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ANTENNA SPECIFICATION

1. Mechanical Specification

1-1 Mechanical Configuration (BT 天线组件)



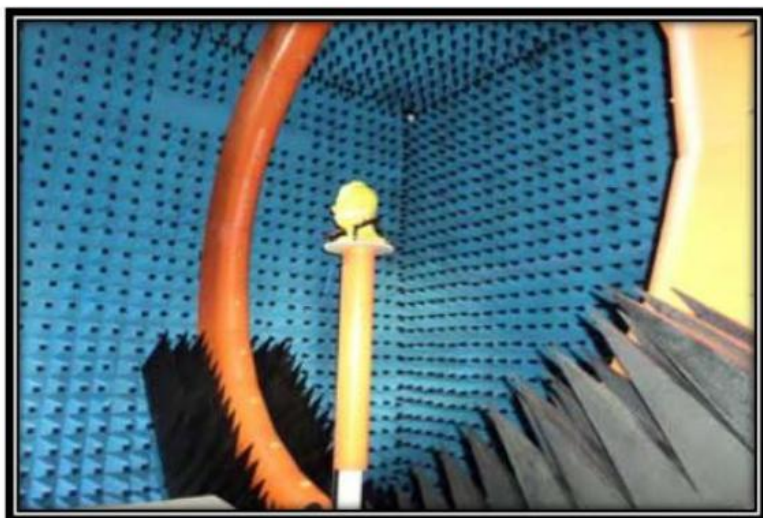
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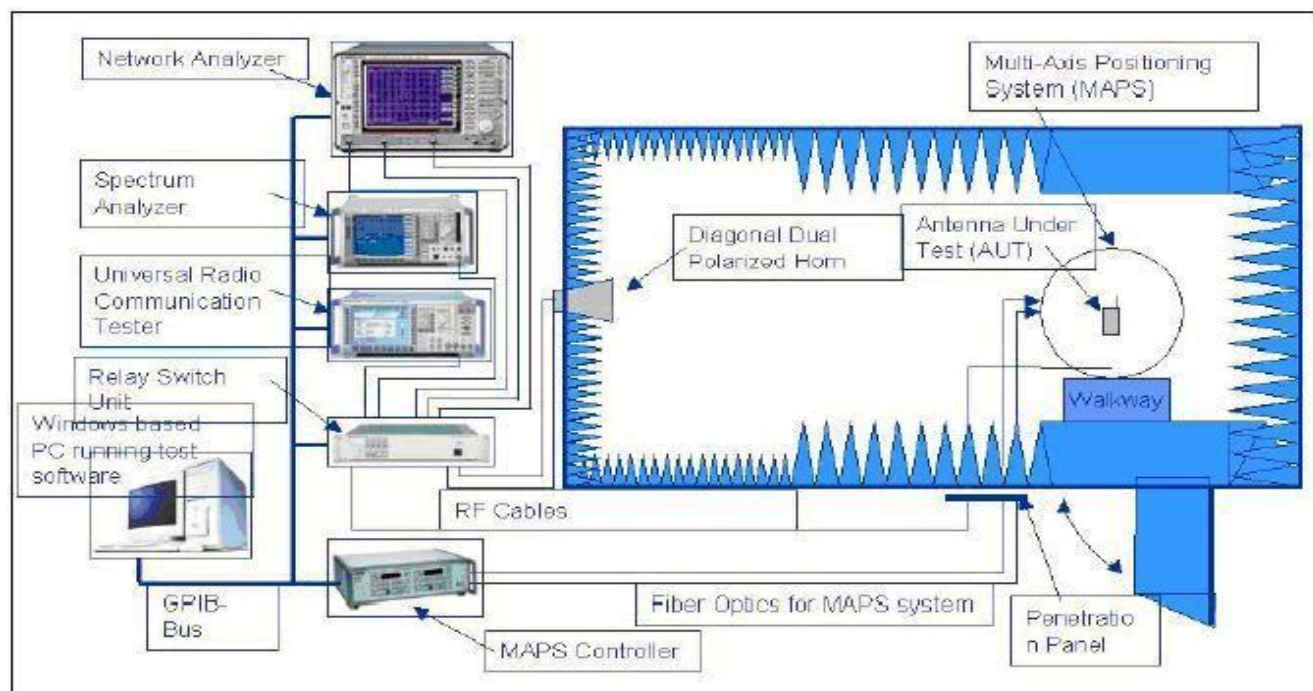
2.Test equipment



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)
2400	50%	-2.99	2.81
2410	52%	-2.82	2.90
2420	50%	-3.01	2.83
2430	52%	-2.83	2.81
2440	51%	-2.96	2.82
2442	52%	-2.83	2.71
2450	52%	-2.82	2.87
2460	52%	-2.83	2.94
2470	52%	-2.80	2.89
2480	52%	-2.87	2.80
2484	52%	-2.81	2.92
2490	53%	-2.76	2.58
2500	53%	-2.74	2.23

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2-2 2D/3D Radiation Pattern Results

2. 4G

