

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-RH5-BT 天线组件	
MODEL NAME(型号名称)	ZTX-RH5-BT-V02	
FREQUENCY(频率)	2400~2500MHz	
CUS.P/N(客户料号)		
ZTX NO.(物料编号)	2.00001696	
DATE(日期)	2025-06-27	

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
2025-06-27 研发专用章		覃乐	熊皓	



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ANTENNA SPECIFICATION

CUS P/N:
ZTX P/N :RH5-BT-V02

Application Date:Jun,27,2025
Editor:
Rev: R:A0
Page 1 of 6

Revision history

版本	日期	状态
A0	2025-06-27	初版

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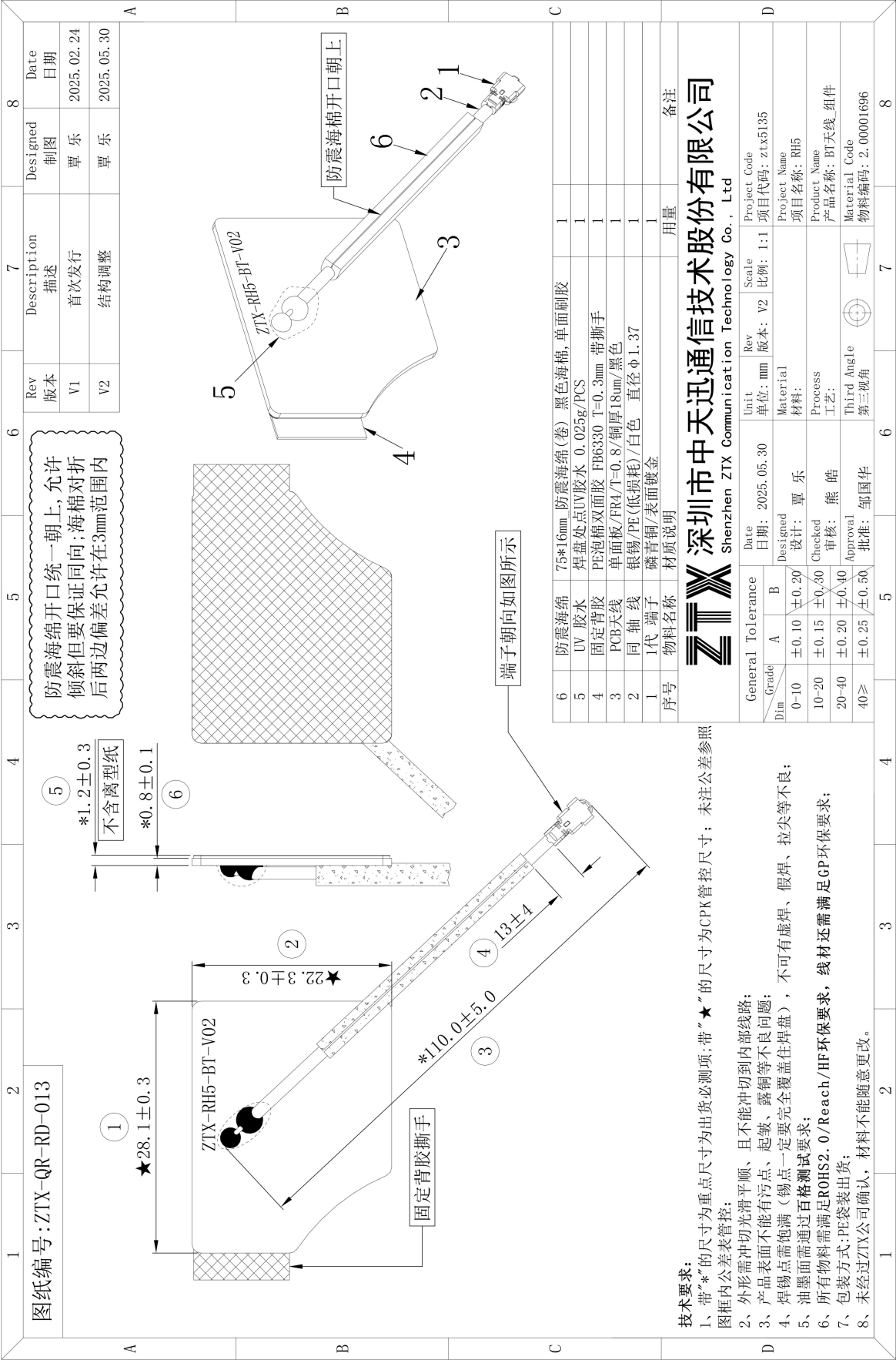
Rev: R:A0
Page 2 of 6

Index

		Revision history	1
		Index	2
1		Mechanical Specification	3
	1-1	Mechanical Specification (BT 天线组件)	3
2		Test equipment	4
	2-1	Passive Test	5
	2-2	2D/3D Radiation Pattern Results	5

ANTENNA SPECIFICATION

1. Mechanical Specification
1-1 Mechanical Configuration (BT 天线组件)



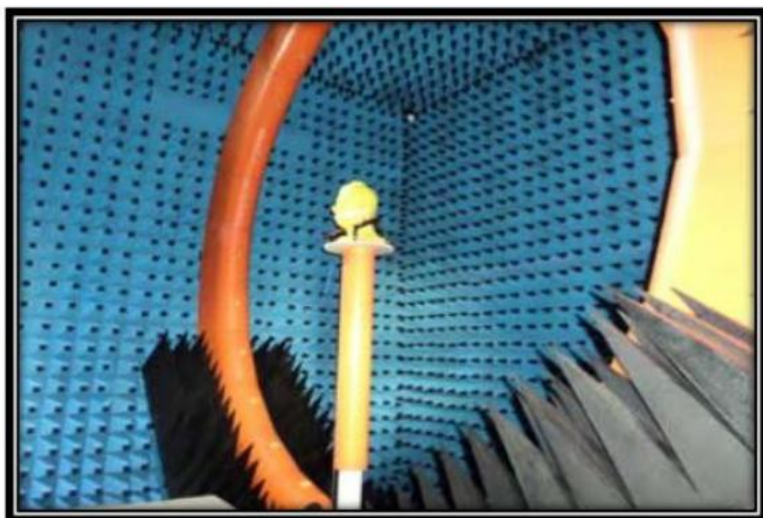
ANTENNA SPECIFICATION

CUS P/N:
ZTX P/N :RH5-BT-V02

Application Date:Jun,27,2025
Editor:

Rev: R:A0
Page 4 of 6

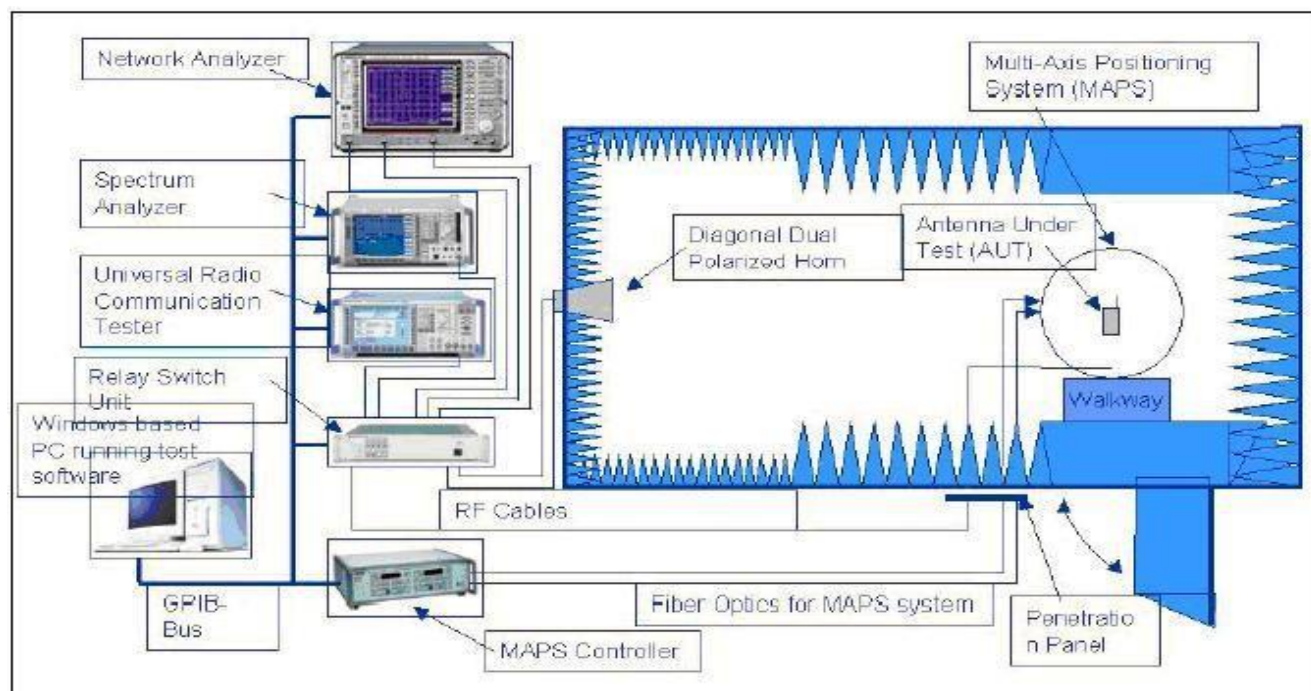
2.Test equipment



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.



ANTENNA SPECIFICATION

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Editor:

Rev: R:A0
Page 5 of 6

2-1 Passive Test

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	52%	-2.81	2.43
2410	54%	-2.70	2.33
2420	55%	-2.63	2.76
2430	56%	-2.53	2.62
2440	56%	-2.55	2.38
2450	55%	-2.56	2.45
2460	55%	-2.57	2.69
2470	56%	-2.55	3.15
2480	56%	-2.55	3.07
2490	56%	-2.53	2.95
2500	55%	-2.58	2.87

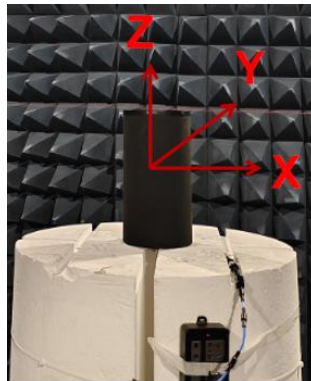
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Rev: R:A0
Page 6 of 6

2-2 2D/3D Radiation Pattern Results



2. 4G

