

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER	Anker	
CS P/N	T8144	
PART NAME	WIFI0 antenna components	
FREQUENCY	2400~2500MHz	
CUS NO.		
ZTX NO.	2.00001665	
DATE	2025-03-20	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark:

Sign:

Shenzhen ZTX Communication Technology Co., Ltd				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
2025-03-20		Le.Qin	Jianeng.Feng	



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ANTENNA SPECIFICATION

CUS P/N:T8144_WIFI0 antenna components

Application Date:Mar,20,2025

Rev: R:A0

ZTX P/N :T8144_WIFI0 antenna components

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Revision history

Edition	Date	state
A0	2025-03-20	First edition

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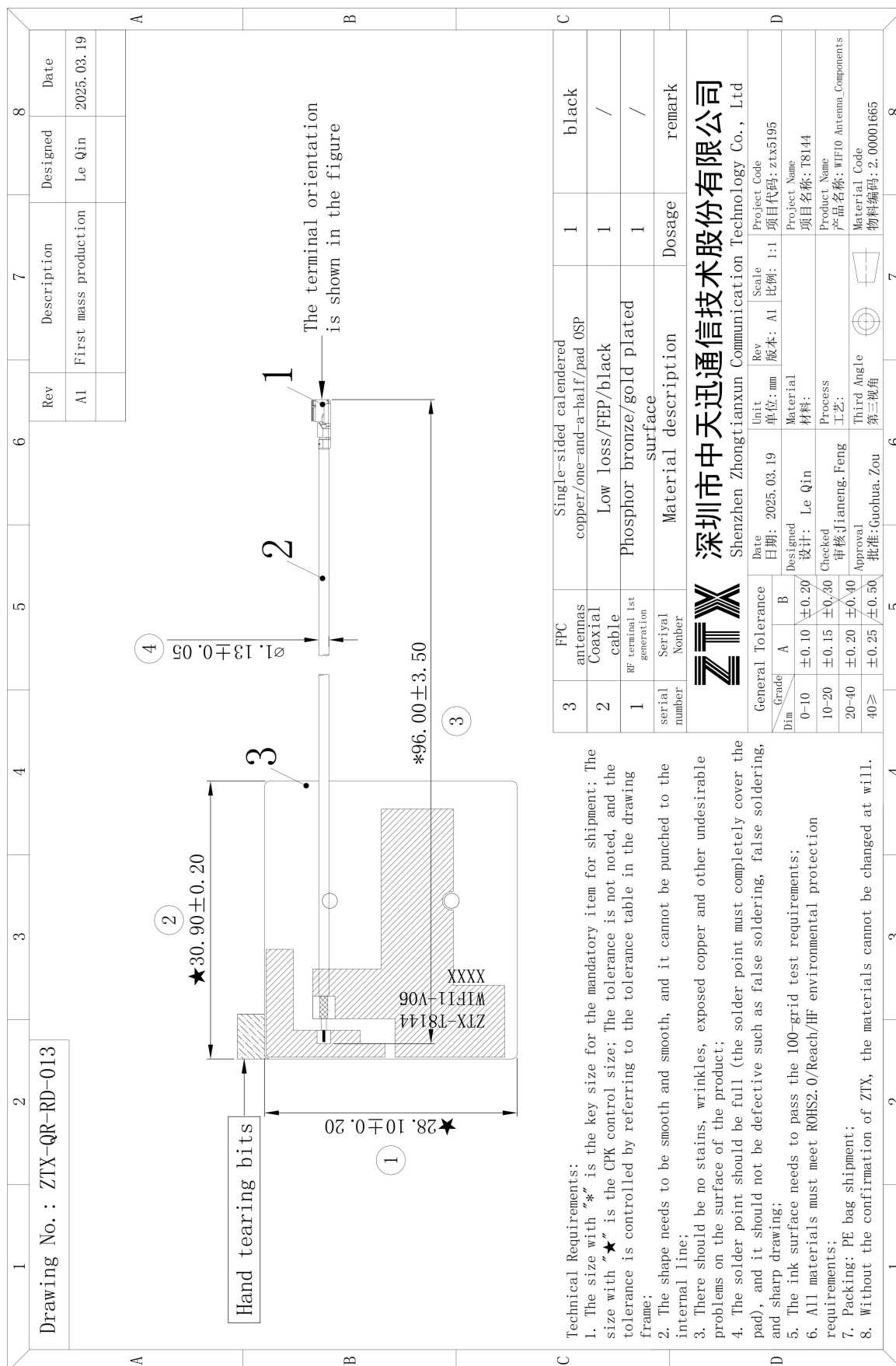
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1. Mechanical Specification

1-1 Mechanical Configuration (WIFI0 antenna components)



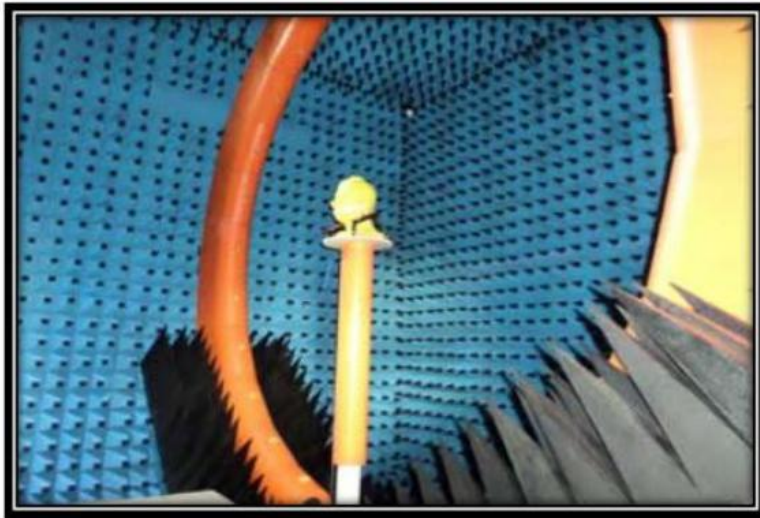
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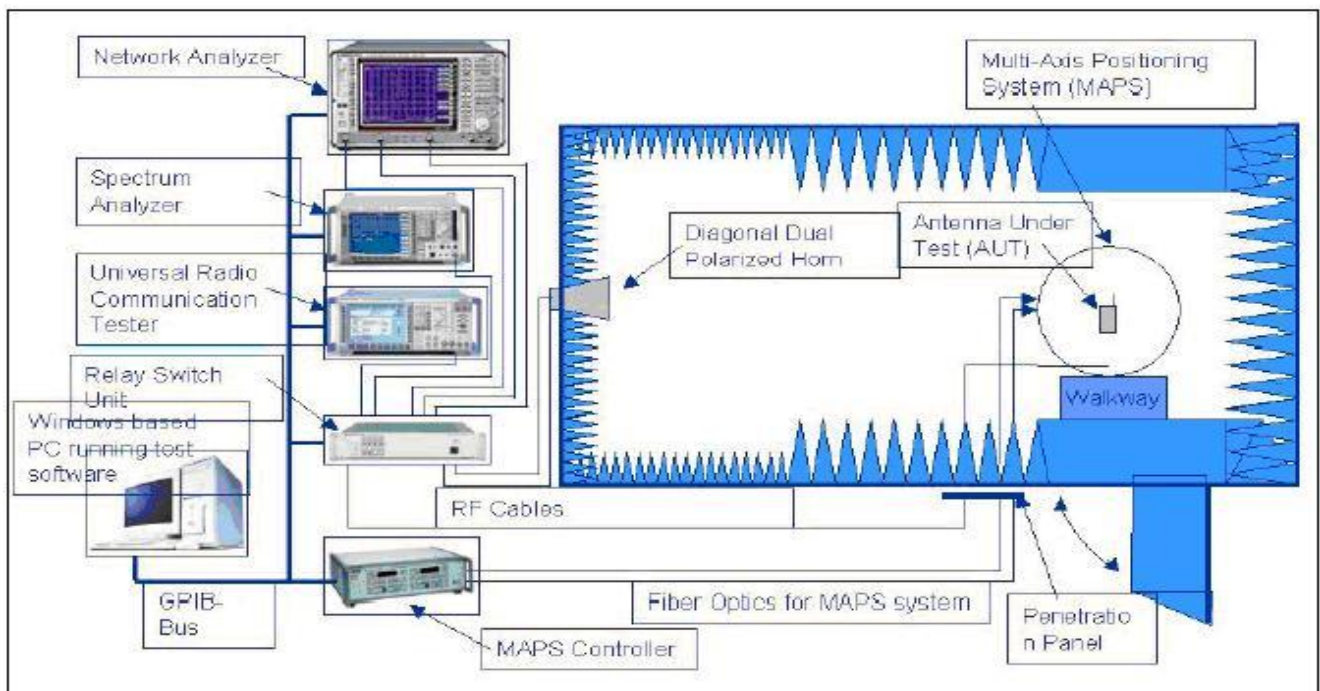
2. Test equipment



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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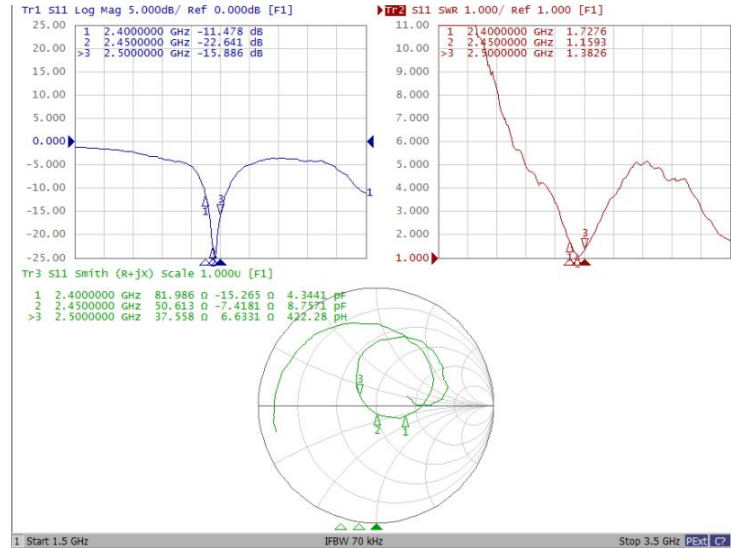
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3.Test Results Surmmary

3-1 S11



3-2 No-source test data

Frequency	Efficiency	Efficiency . dB	Gain . dBi
2400	60%	-2.25	2.46
2410	61%	-2.15	2.37
2420	63%	-1.98	2.51
2430	63%	-1.79	2.84
2440	64%	-1.75	2.77
2450	64%	-1.75	2.96
2460	64%	-1.76	3.37
2470	63%	-1.78	3.13
2480	61%	-1.77	3.60
2490	61%	-1.76	3.92
2500	60%	-1.75	3.76

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3-3 2D Radiation Pattern Results

