

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER	Anker	
	CS P/N	T8173	
	PART NAME	WIFI antenna	
	FREQUENCY	2400~2500MHz	
	CUS NO.		
	ZTX NO.	1.03.03517	
	DATE	2025-05-21	

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
		Youjie.Ke	Wang.Wu	



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ANTENNA SPECIFICATION

CUS P/N:T8173_WIFI antenna

Application Date:Apr,21,2025

Rev: R:A0

ZTX P/N :T8173_WIFI antenna

Editor:

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Revision history

Edition	Date	state
A0	2025-05-21	First edition

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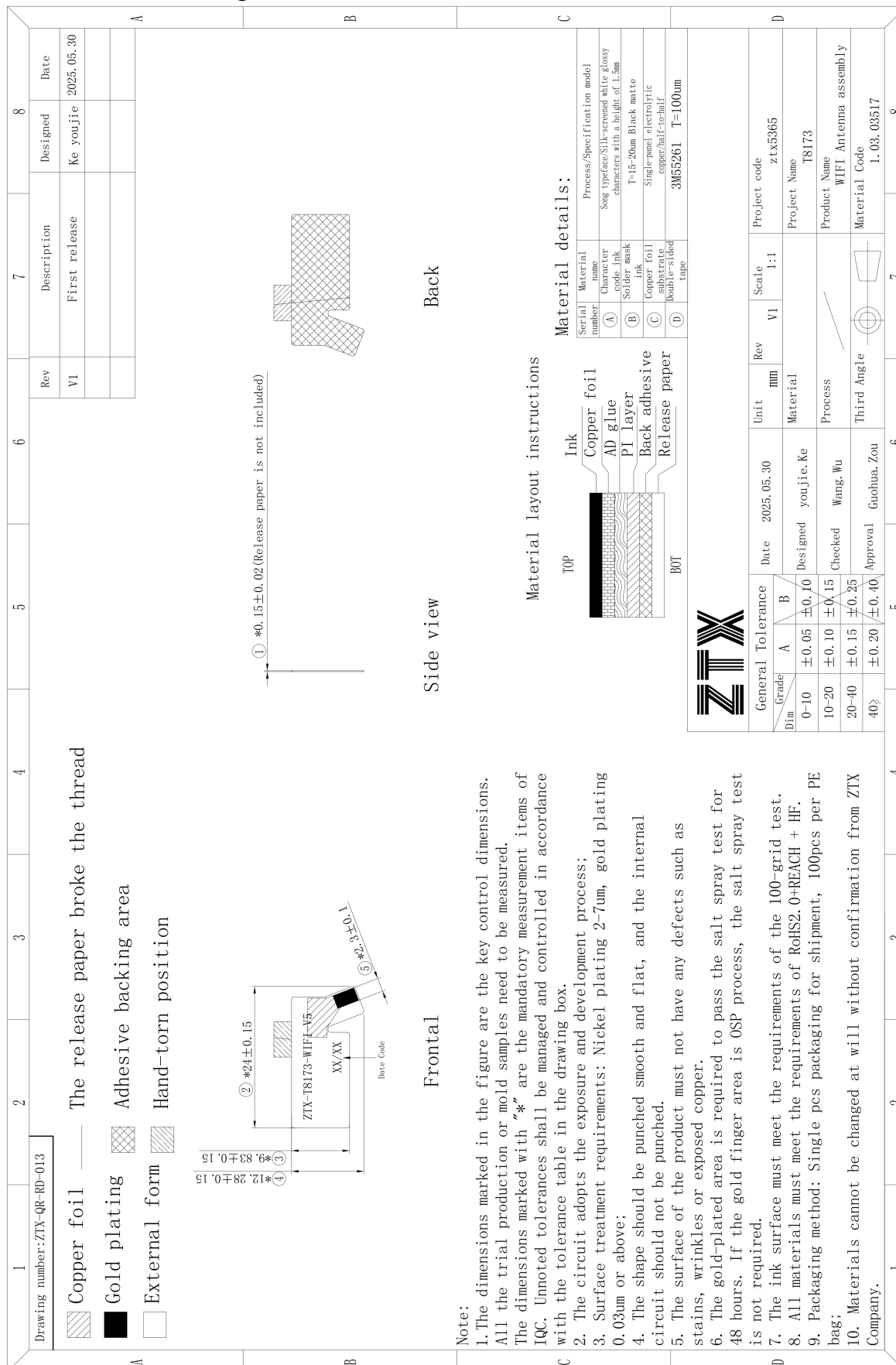
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1. Mechanical Specification

1-1 Mechanical Configuration (WIFI antenna)



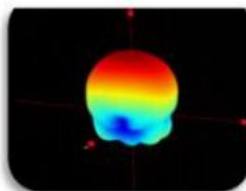
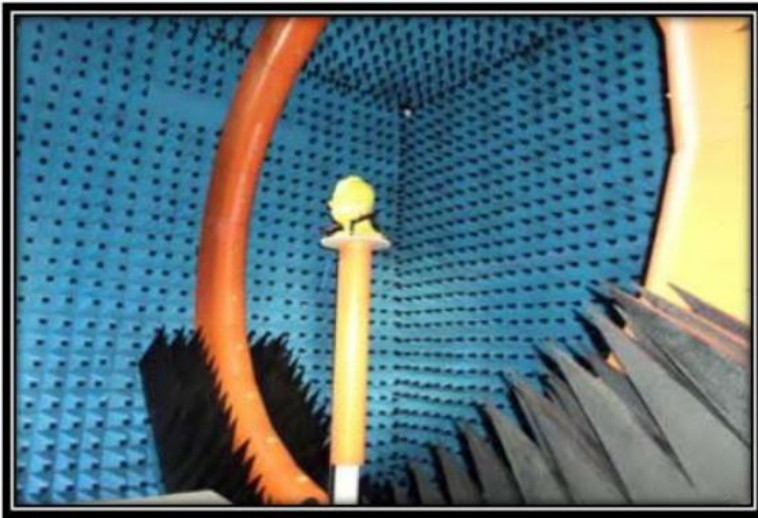
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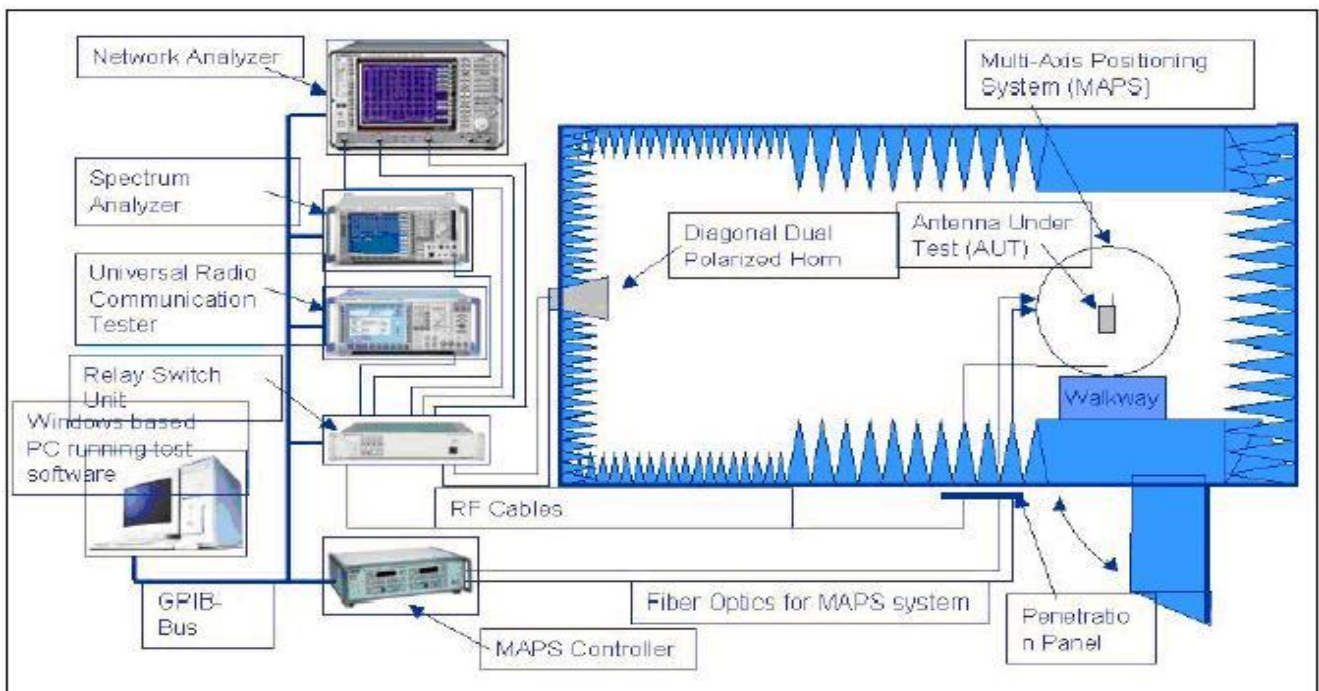
2. Test equipment



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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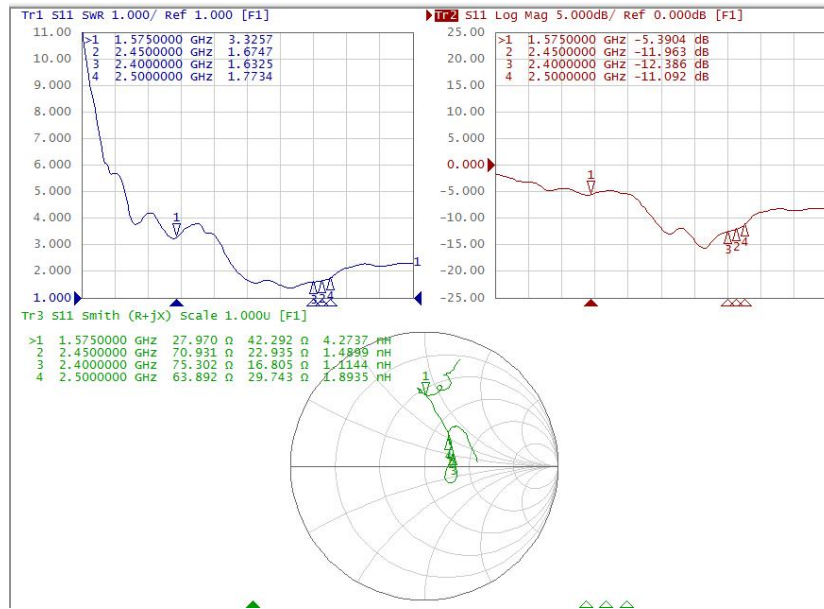
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3.Test Results Surmmary

3-1 VSWR



3-2 Passive Test

Frequency	Efficiency	Efficiency . dB	Gain .dBi
2400	65%	-1.85	3.64
2410	64%	-1.92	3.37
2420	63%	-1.98	3.26
2430	64%	-1.94	3.30
2440	64%	-1.93	3.19
2450	64%	-1.97	3.22
2460	63%	-2.01	3.19
2470	60%	-2.18	2.90
2480	62%	-2.10	3.01
2490	61%	-2.15	2.71
2500	61%	-2.12	2.53

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3-3 2D/3D Radiation Pattern Results

