

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	



Shenzhen ZTX Communication Technology Co., Ltd

Address: No.34, Shilong Avenue, Shiyang Town, Baoan District, Shenzhen, (Tengda Industrial Park) 518000

Tel.: 0755-27588320 Fax: 0755-27588045 <http://www.chinaztx.com>

ANTENNA SPECIFICATION

CUS P/N:T8173_WIFI antenna

Application Date:Apr,21,2025

Rev: R:A0

ZTX P/N :T8173_WIFI antenna

Editor:

Page 1 of 6

Revision history

Edition	Date	state
A0	2025-05-21	First edition

ANTENNA SPECIFICATION

CUS P/N:T8173_WIFI antenna

Application Date:Apr,21,2025

Rev: R:A0

ZTX P/N :T8173_WIFI antenna

Editor:

Page 2 of 6

Index

		Revision history	1
		Index	2
1		Mechanical Specification	3
	1-1	Mechanical Specification (WIFI antenna)	3
2		Test equipment	4
3		Test Results Summary	5
	3-1	VSWR	5
	3-2	Passive Test	5
	3-3	2D/3D Radiation Pattern Results	5
			6

ANTENNA SPECIFICATION

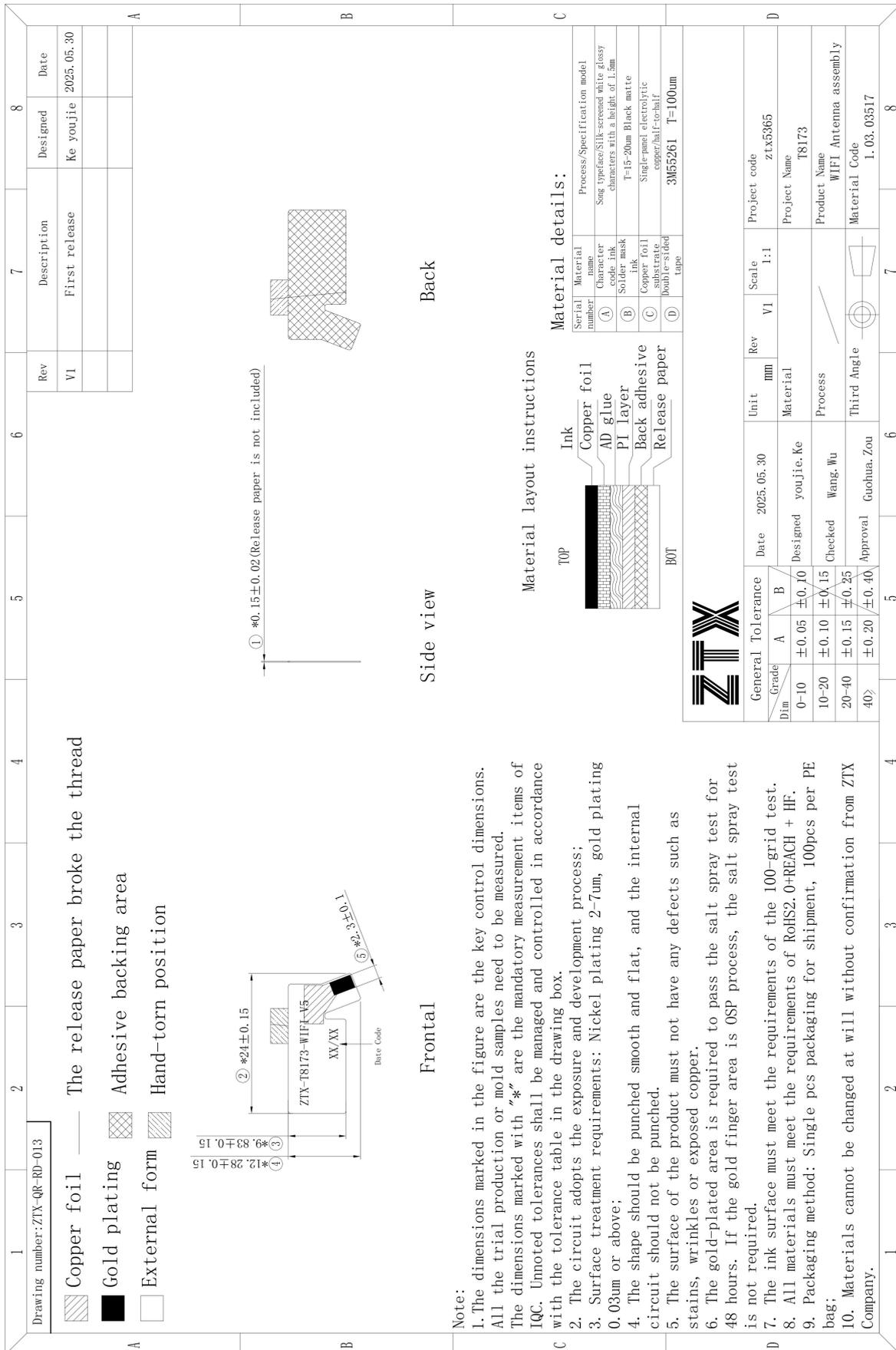
CUS P/N:T8173_WIFI antenna
ZTX P/N :T8173_WIFI antenna

Application Date:Apr,21,2025
Editor:

Rev: R:A0
Page 3 of 6

1. Mechanical Specification

1-1 Mechanical Configuration (WIFI antenna)



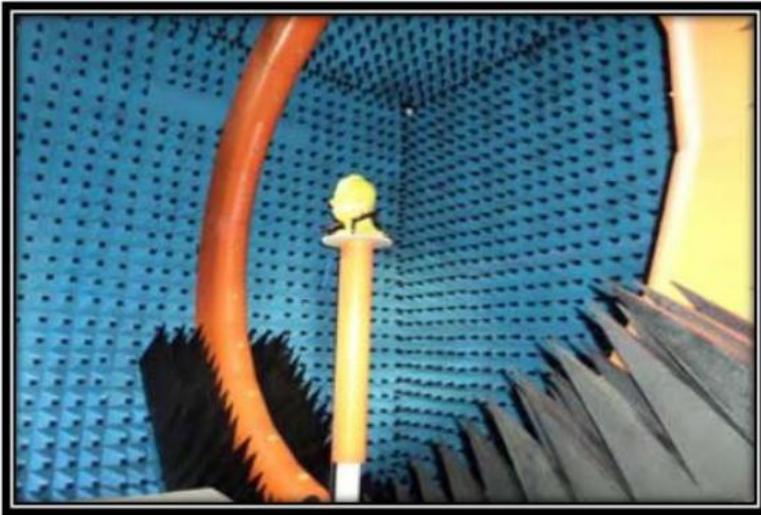
ANTENNA SPECIFICATION

CUS P/N:T8173_WIFI antenna
ZTX P/N :T8173_WIFI antenna

Application Date:Apr,21,2025
Editor:

Rev: R:A0
Page 4 of 6

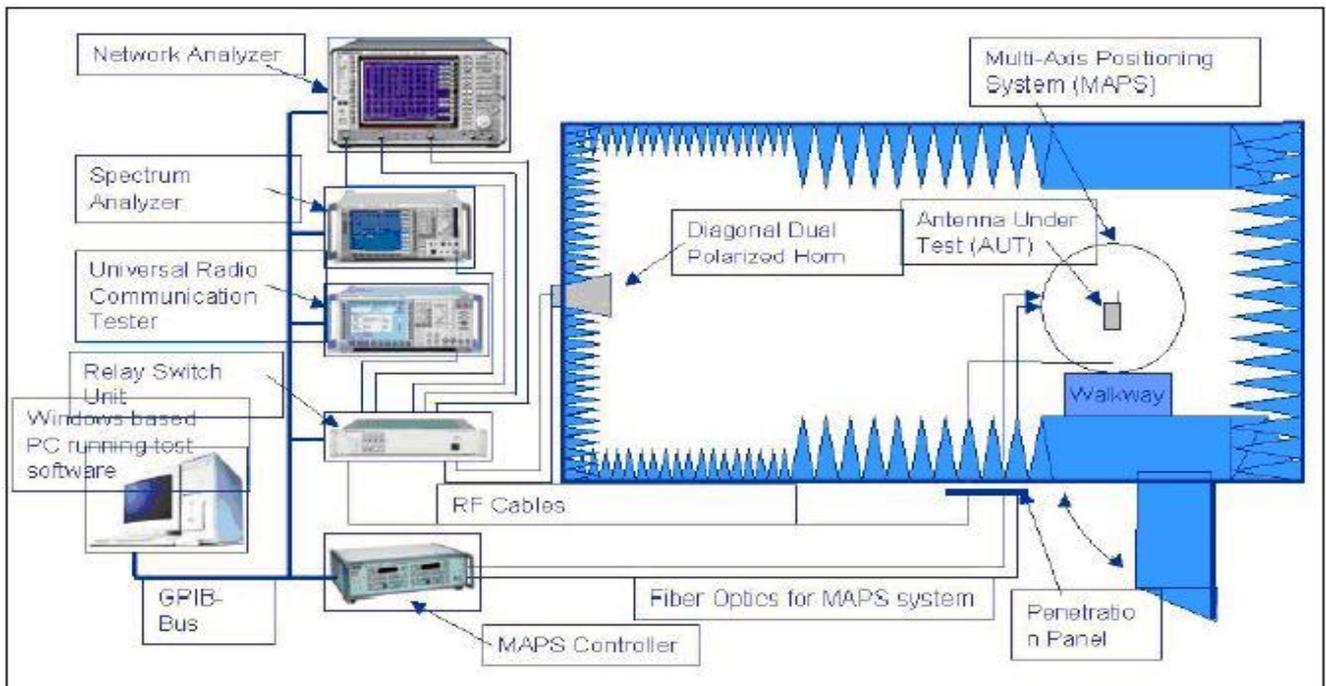
2. Test equipment



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

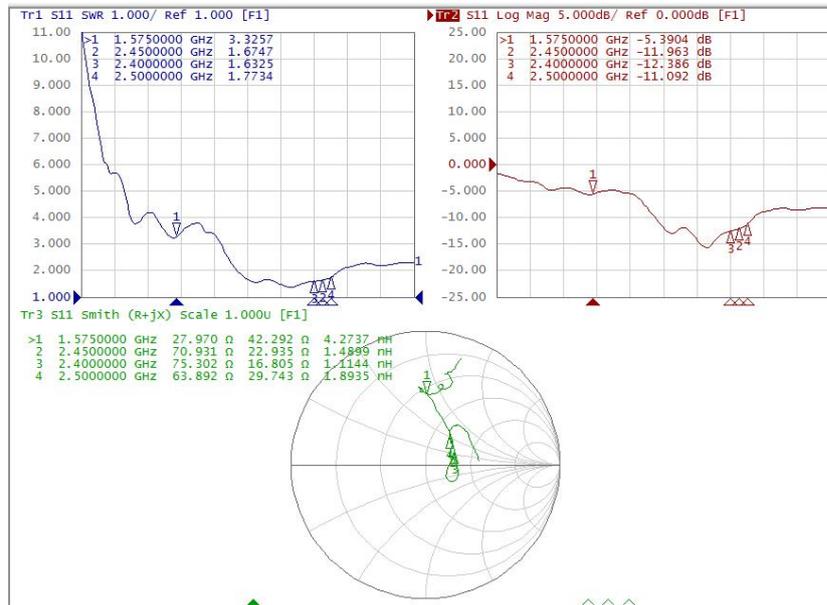
CUS P/N:T8173_WIFI antenna
ZTX P/N :T8173_WIFI antenna

Application Date:Apr,21,2025
Editor:

Rev: R:A0
Page 5 of 6

3.Test Results Summary

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

ANTENNA SPECIFICATION

CUS P/N:T8173_WIFI antenna
ZTX P/N :T8173_WIFI antenna

Application Date:Apr,21,2025
Editor:

Rev: R:A0
Page 6 of 6

3-3 2D/3D Radiation Pattern Results

