

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER	Anker
CS P/N	T8172
PART NAME	WIFI0 antenna assembly
FREQUENCY	2400~2500MHz
CUS NO.	
ZTX NO.	2.00001776
DATE	2025-06-05

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	Yiqing.Lin	



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ANTENNA SPECIFICATION

CUS P/N:T8172_WIFI0 antenna assembly
ZTX P/N :T8172_WIFI0 antenna assembly

Application Date:Jun,05,2025
Editor:

Rev: R:A0
Page 1 of 6

Revision history

Edition	Date	state
A0	2025-06-05	First edition

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CUS P/N:T8172_WIFI0 antenna assembly
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Application Date:Jun,05,2025
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Page 2 of 6

Index

		Revision history	1
		Index	2
1		Mechanical Specification	3
	1-1	Mechanical Specification (WIFI0 antenna assembly)	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	6

ANTENNA SPECIFICATION

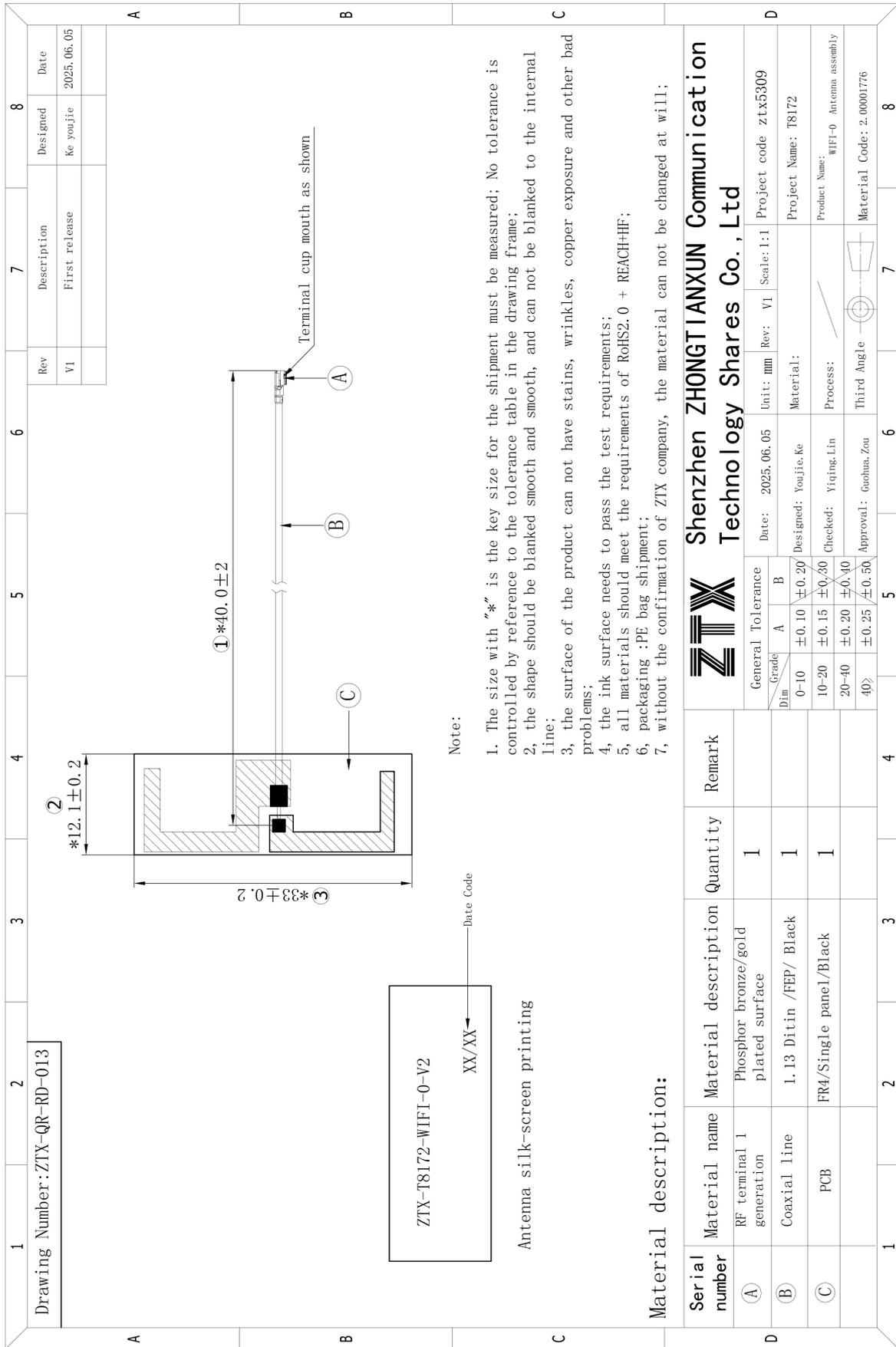
CUS P/N:T8172_WIFI0 antenna assembly
ZTX P/N :T8172_WIFI0 antenna assembly

Application Date:Jun,05,2025
Editor:

Rev: R:A0
Page 3 of 6

1. Mechanical Specification

1-1 Mechanical Configuration (WIFI0 antenna assembly)



ZTX Shenzhen ZHONGTIANXUN Communication
Technology Shares Co., Ltd

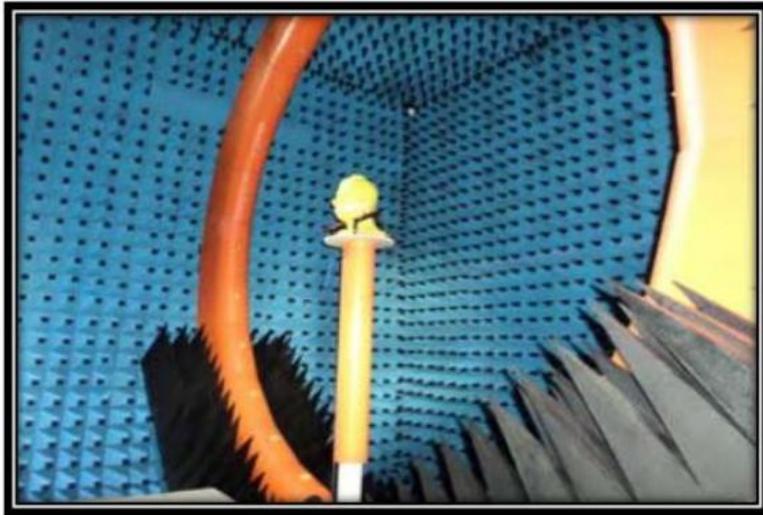
ANTENNA SPECIFICATION

CUS P/N:T8172_WIFI0 antenna assembly
ZTX P/N :T8172_WIFI0 antenna assembly

Application Date:Jun,05,2025
Editor:

Rev: R:A0
Page 4 of 6

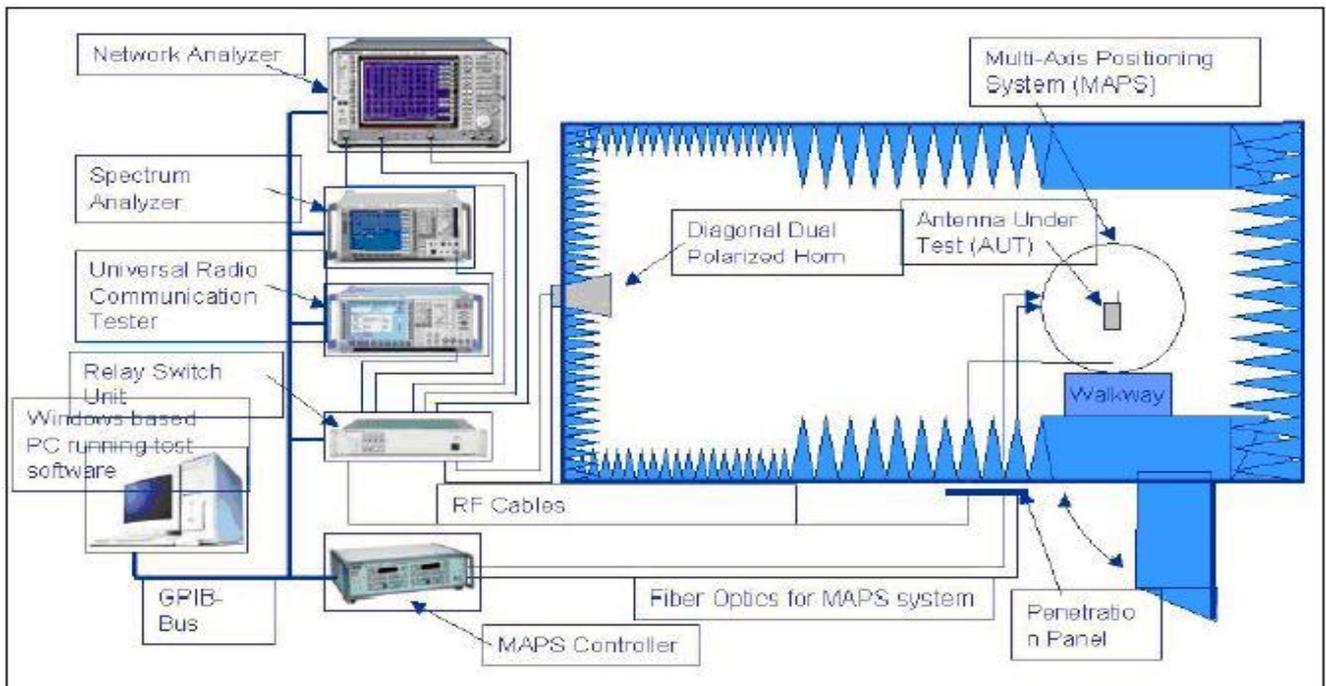
2. Test equipment



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

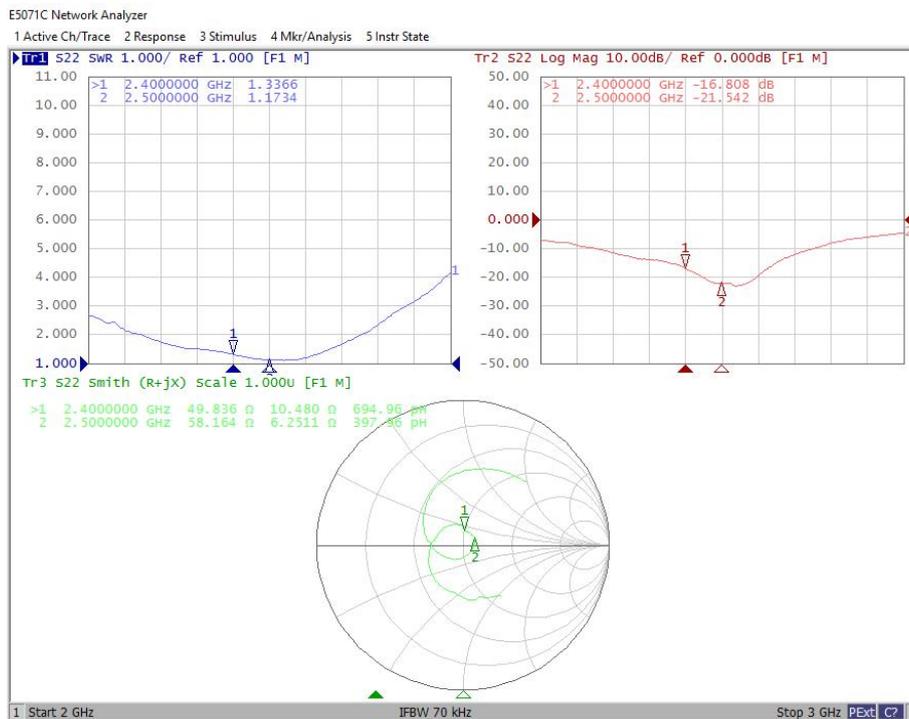
CUS P/N:T8172_WIFIO antenna assembly
ZTX P/N :T8172_WIFIO antenna assembly

Application Date:Jun,05,2025
Editor:

Rev: R:A0
Page 5 of 6

3.Test Results Summary

3-1 VSWR



3-2 Passive Test

Frequency (MHz)	Efficiency	Efficiency.dB	Gain . dBi
2400	64%	-1.93	2.29
2410	64%	-1.91	2.45
2420	64%	-1.94	2.82
2430	65%	-1.89	2.94
2440	65%	-1.86	2.71
2450	65%	-1.87	2.59
2460	65%	-1.84	2.92
2470	66%	-1.79	3.44
2480	67%	-1.76	3.49
2490	67%	-1.74	3.54
2500	69%	-1.64	3.56

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Rev: R:A0
Page 6 of 6

3-3 2D/3D Radiation Pattern Results

