

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER	Anker	
CS P/N	T86P2 derivative	
PART NAME	WIFI antenna assembly	
FREQUENCY	2400~2500MHz	
CUS NO.		
ZTX NO.	2.00002278	
DATE	2026-03-02	

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
		Wujun.Li	Yi.Zou	



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ANTENNA SPECIFICATION

Revision history

Edition	Date	state
A0	2026-03-02	First edition

ANTENNA SPECIFICATION

CUS P/N:T86P2 derivative_WIFI antenna assembly Application Date:Mar,02,2026
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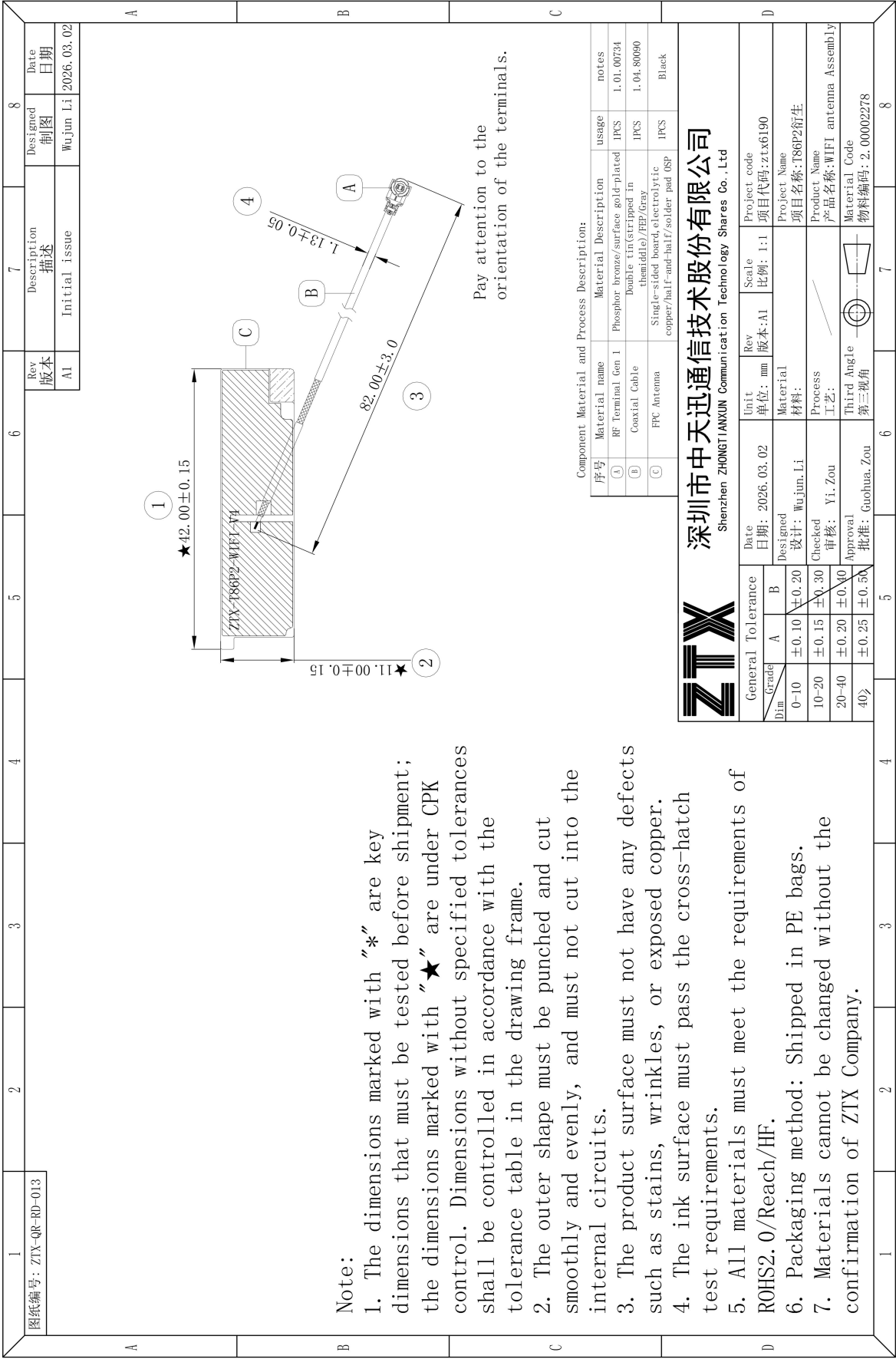
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1. Mechanical Specification

1-1 Mechanical Configuration(WIFI antenna assembly)



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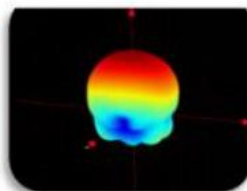
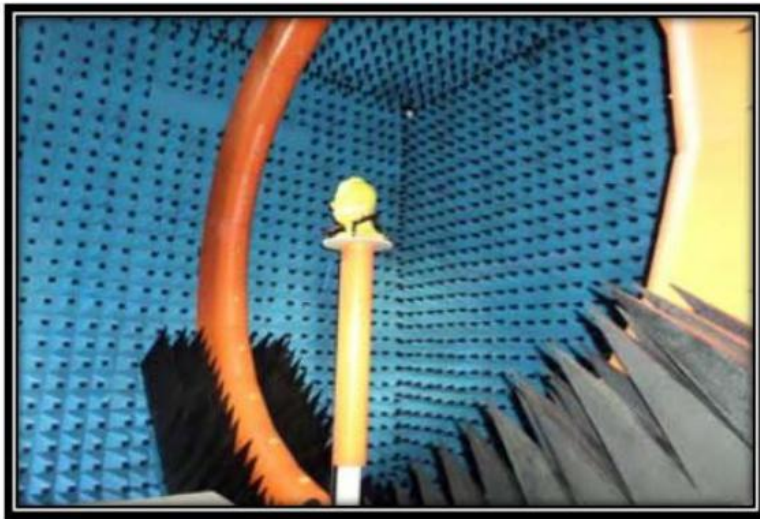
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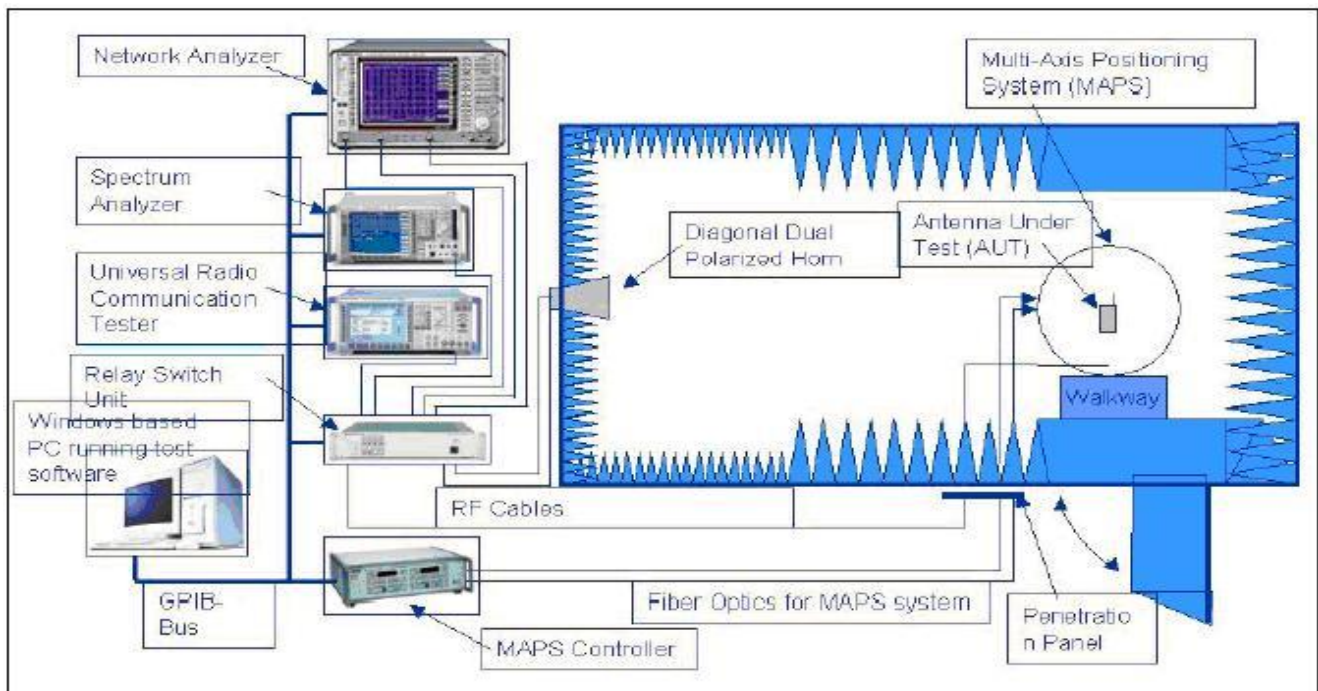
2. Test equipment



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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3.Test Results Summary

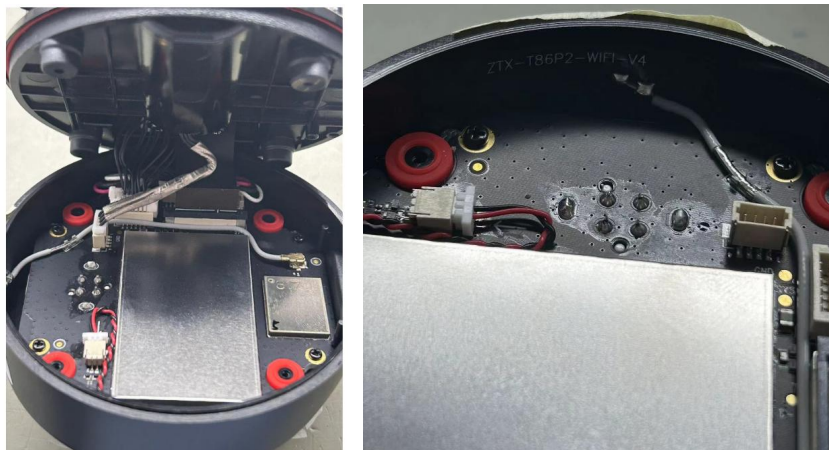
3-1 S11



3-2 Passive test

Frequency(MHz)	Efficiency	Efficiency. db	Gain. dBi
2400	53%	-2.8	2.14
2410	53%	-2.72	2.37
2420	56%	-2.52	2.57
2430	59%	-2.3	2.90
2440	61%	-2.14	3.35
2450	61%	-2.17	3.52
2460	58%	-2.35	3.53
2470	57%	-2.46	3.26
2480	58%	-2.39	3.05
2490	56%	-2.5	2.86
2500	56%	-2.51	2.86

3-3 Environment treatment



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3-4 2D/3D Radiation Pattern Results

