

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER	Anker	
	CS P/N	T2352	
	PART NAME	WIFI antenna components	
	FREQUENCY	2400~2500MHz	
	CUS NO.		
	ZTX NO.	2.00001479	
	DATE	2024-12-04	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章):

Shenzhen ZTX Communication Technology Co., Ltd				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		Zhengwei.Chen	Xiangrong.Zhou	



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ANTENNA SPECIFICATION

Revision history

edition	date	status
A0	2024-12-04	first edition

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ANTENNA SPECIFICATION

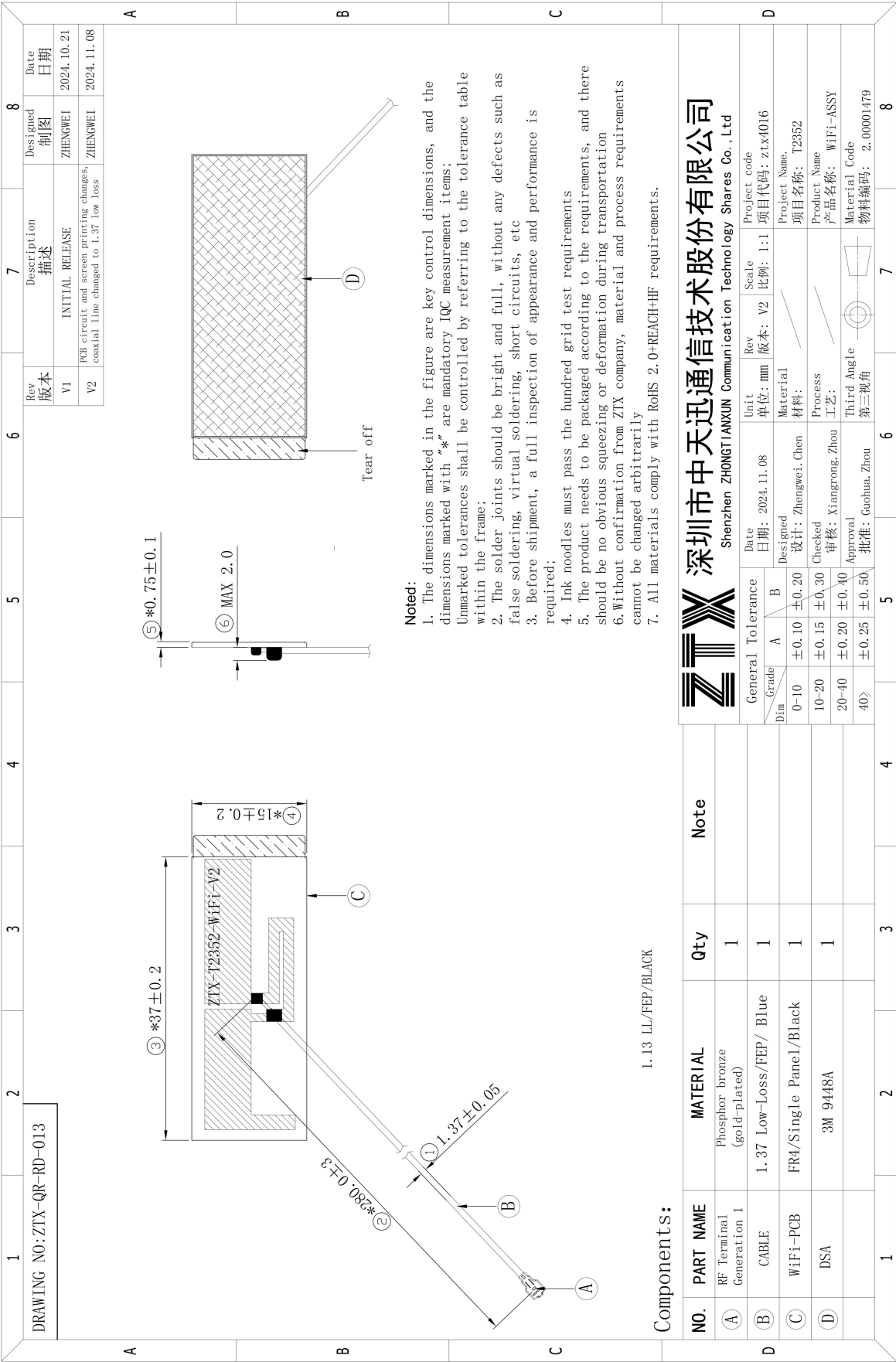
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1. Mechanical Specification

1-1 Mechanical Configuration (WIFI antenna components)



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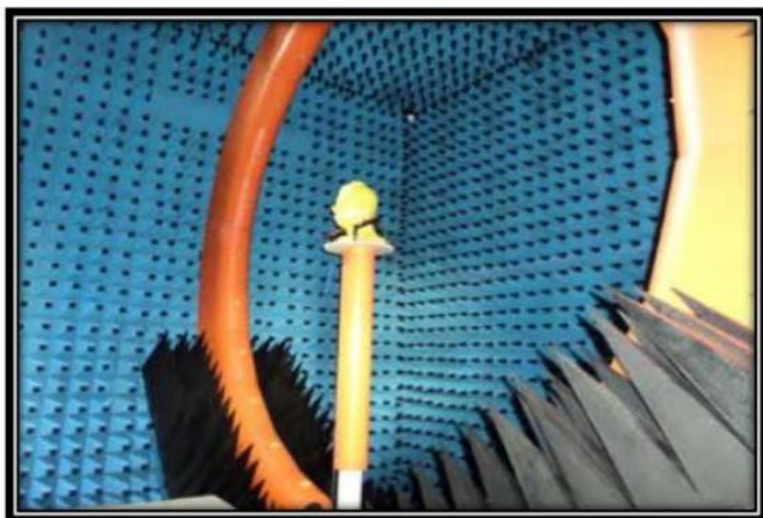
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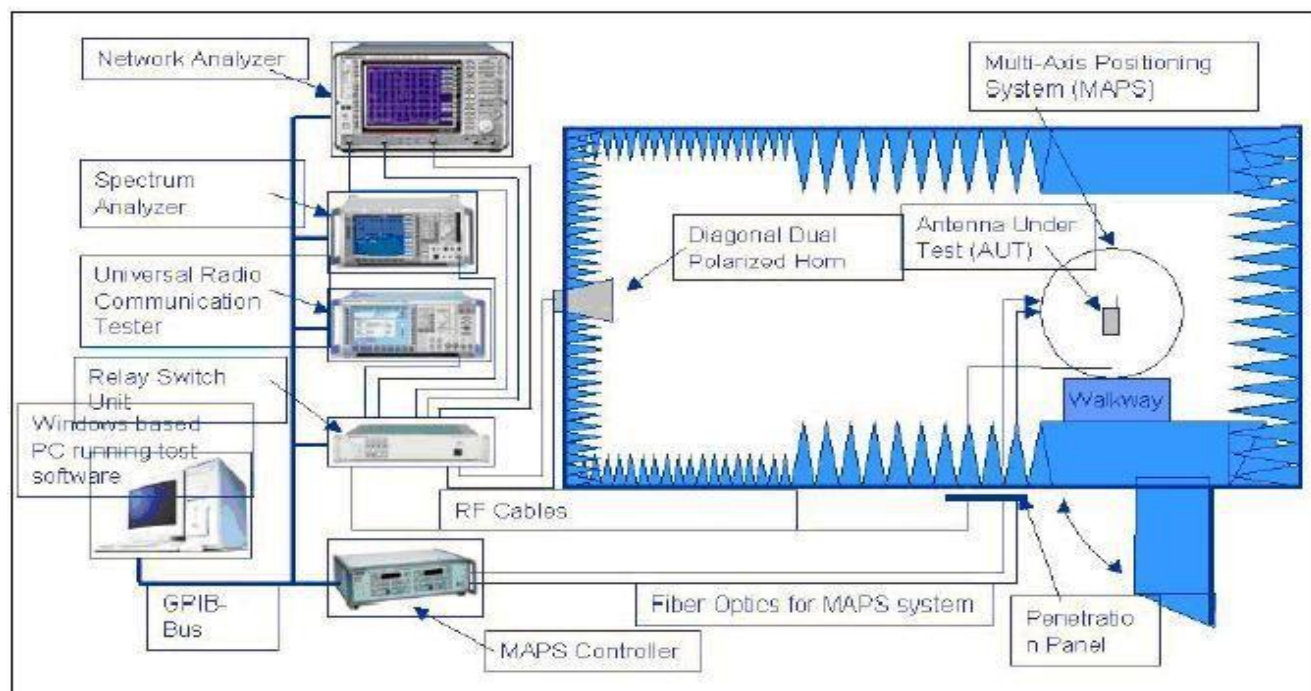
2.Test equipment



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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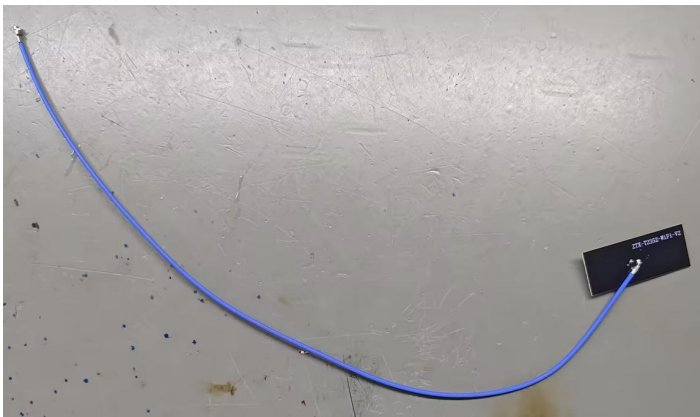
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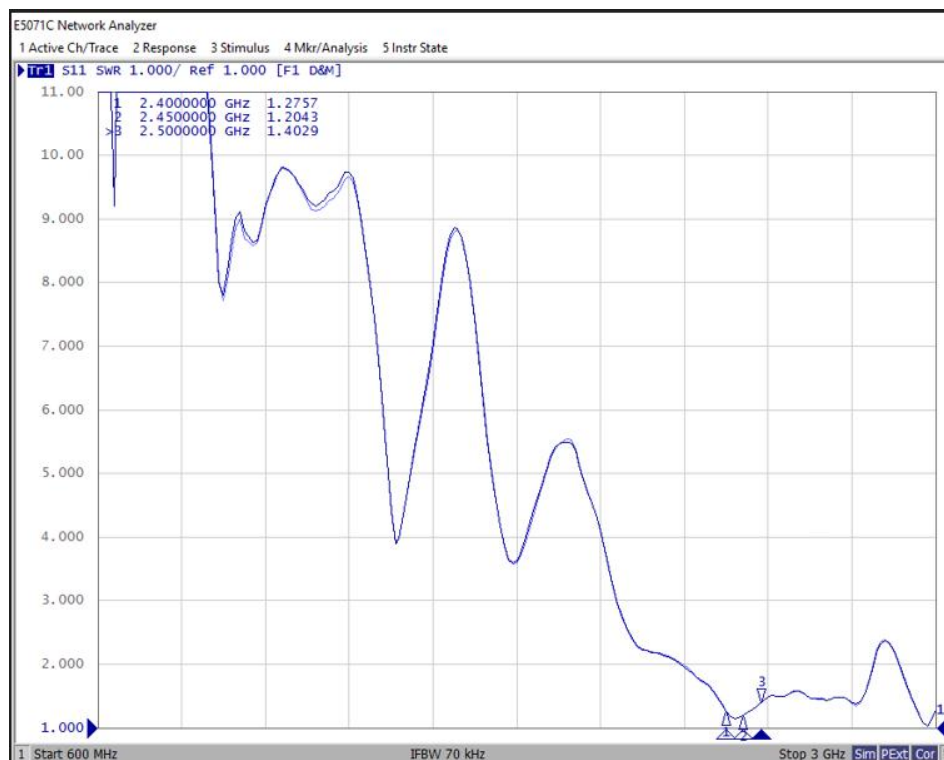
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3.Test Results Surmmary

天线类型 Antenna type	Dipole Antenna（偶极子天线）
天线极化 Antenna polarization	linear（线性极化）
	

3-1 VSWR



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3-2 Passive Test

Frequency	Efficiency		Peak Gain
Mhz	%	db	dBi
2400	58%	-2.35	3.06
2410	56%	-2.49	3.00
2420	57%	-2.42	3.22
2430	58%	-2.38	3.35
2440	57%	-2.41	3.50
2450	57%	-2.41	3.52
2460	56%	-2.49	3.50
2470	56%	-2.50	3.49
2480	55%	-2.63	3.46
2490	55%	-2.61	3.27
2500	55%	-2.57	2.85

3-3 Environmental treatment



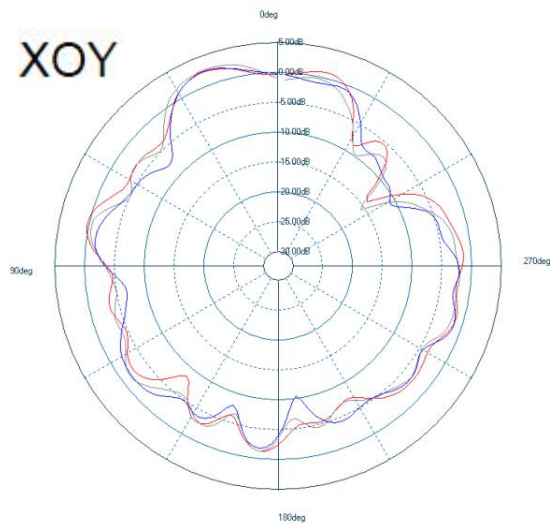
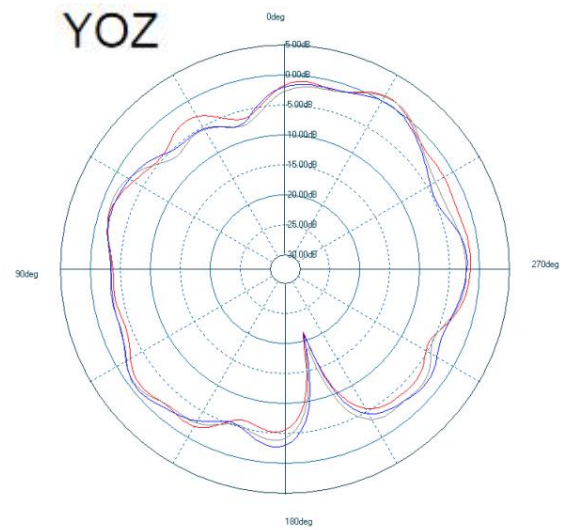
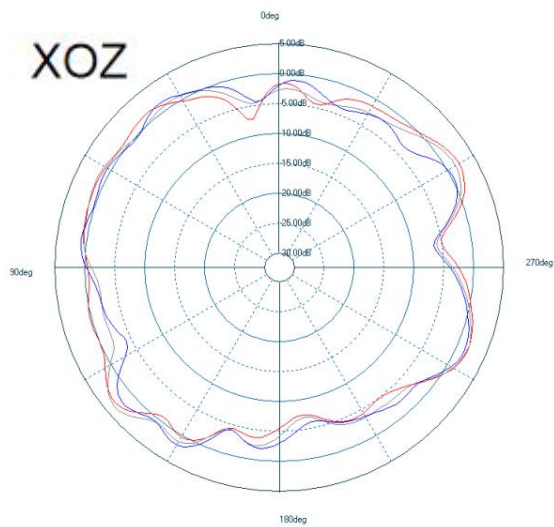
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3-4 2D/3D Radiation Pattern Results



2450MHz

