

SPECIFICATION

SHEET FOR APPROVAL

(Revision: A0)

CUSTOMER(客户名称)	Anker Innovations Limited	
CS P/N(客户机种)	C37	
PART NAME(品名)	Wi-Fi ant	
FREQUENCY(频率)	2400~2500MHz	
CUS NO.(客户编号)		
ZTX NO.(物料编号)	1.01.02172	
DATE(日期)	2025-12-15	

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
		柯友杰	黄琼	



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ANTENNA SPECIFICATION

CUS P/N:C37_Wi-Fi ant
ZTX P/N :C37_Wi-Fi ant

Application Date:Dec,15,2025
Editor:

Rev: R:A0
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Revision history

版本	日期	状态
A0	2025-12-15	初版

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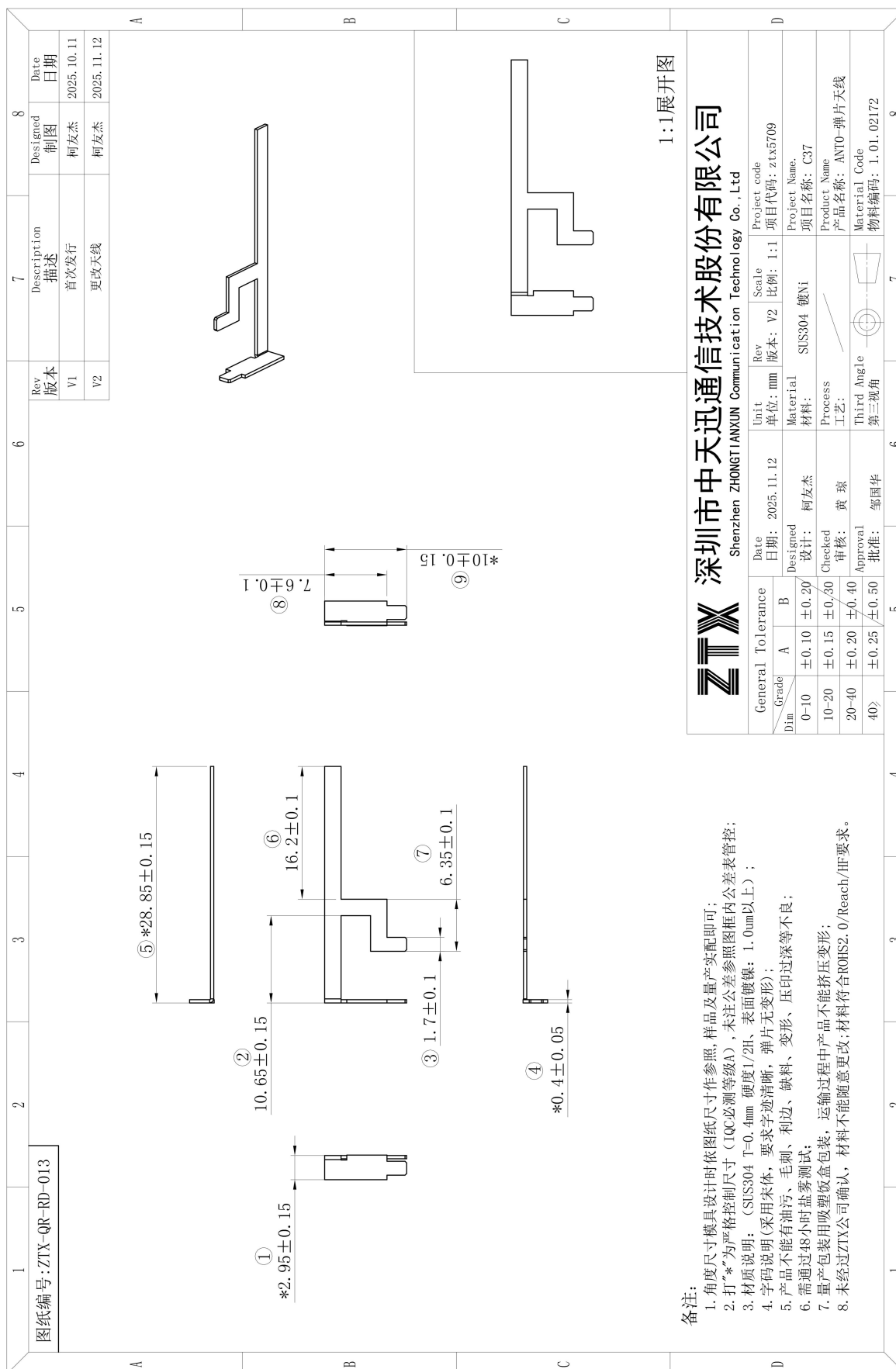
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1. Mechanical Specification

1-1 Mechanical Configuration (Wi-Fi ant)



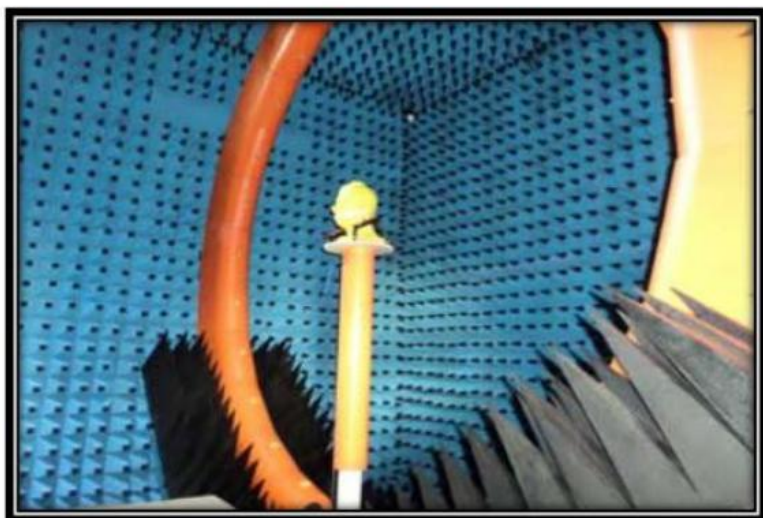
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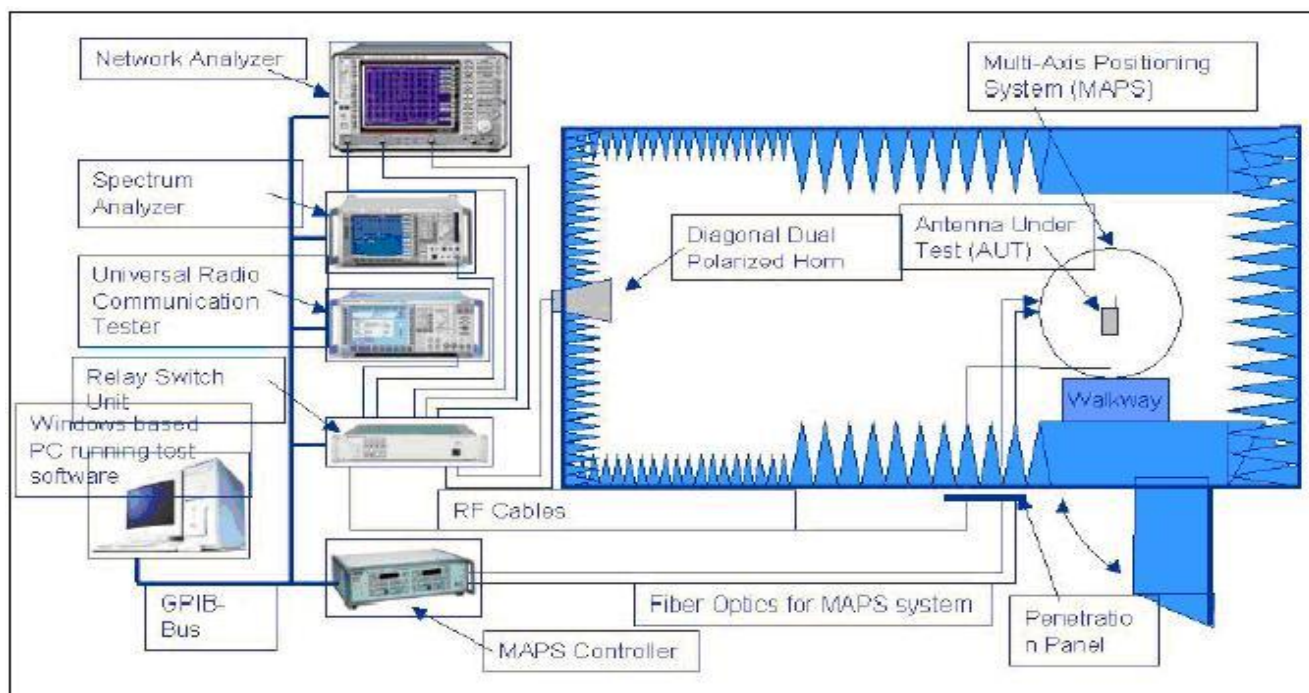
2. Test equipment



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.



ANTENNA SPECIFICATION

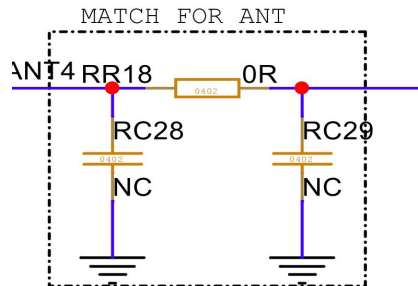
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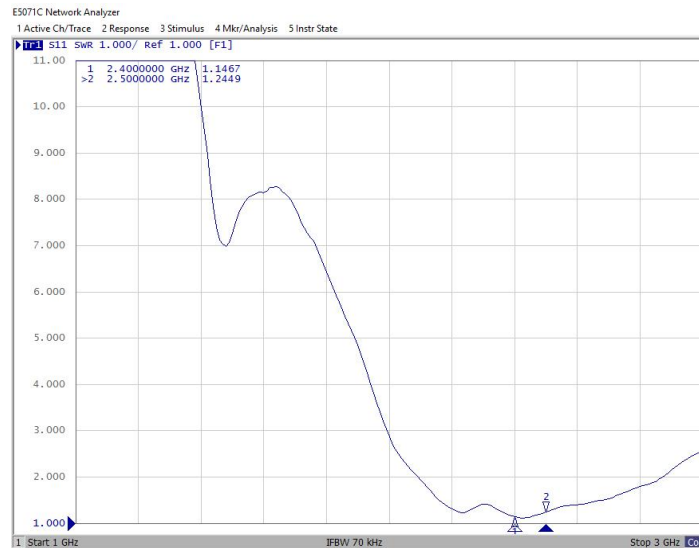
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3.Test Results Summary

3-1 Circuit matching



3-2 VSWR



3-3 Passive test

Frequency(MHz)	Efficiency	Efficiency . dB	Gain . dBi
2400	78%	-1.07	1.80
2410	76%	-1.20	1.76
2420	78%	-1.10	1.87
2430	79%	-1.04	2.02
2440	77%	-1.11	2.27
2450	76%	-1.18	2.37
2460	78%	-1.08	2.22
2470	75%	-1.23	2.14
2480	76%	-1.19	2.09
2490	75%	-1.26	1.94
2500	76%	-1.20	1.84

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3-4 2D/3D Radiation Pattern Results

