SPECIFICATION

SHEET FOR APPROVAL

（Revision：R：A0）

	CUSTOMER	Anker	
	CS P/N	T2351	
	PART NAME	2.4G antenna components	
	FREQUENCY	2400~2500MHz	
	CUS NO.		
	ZTX NO.	2.00006505	
	DATE	2024-11-11	

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	Wenqi.Liu	

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Revision history

edition	date	status
A0	2024-11-11	first edition

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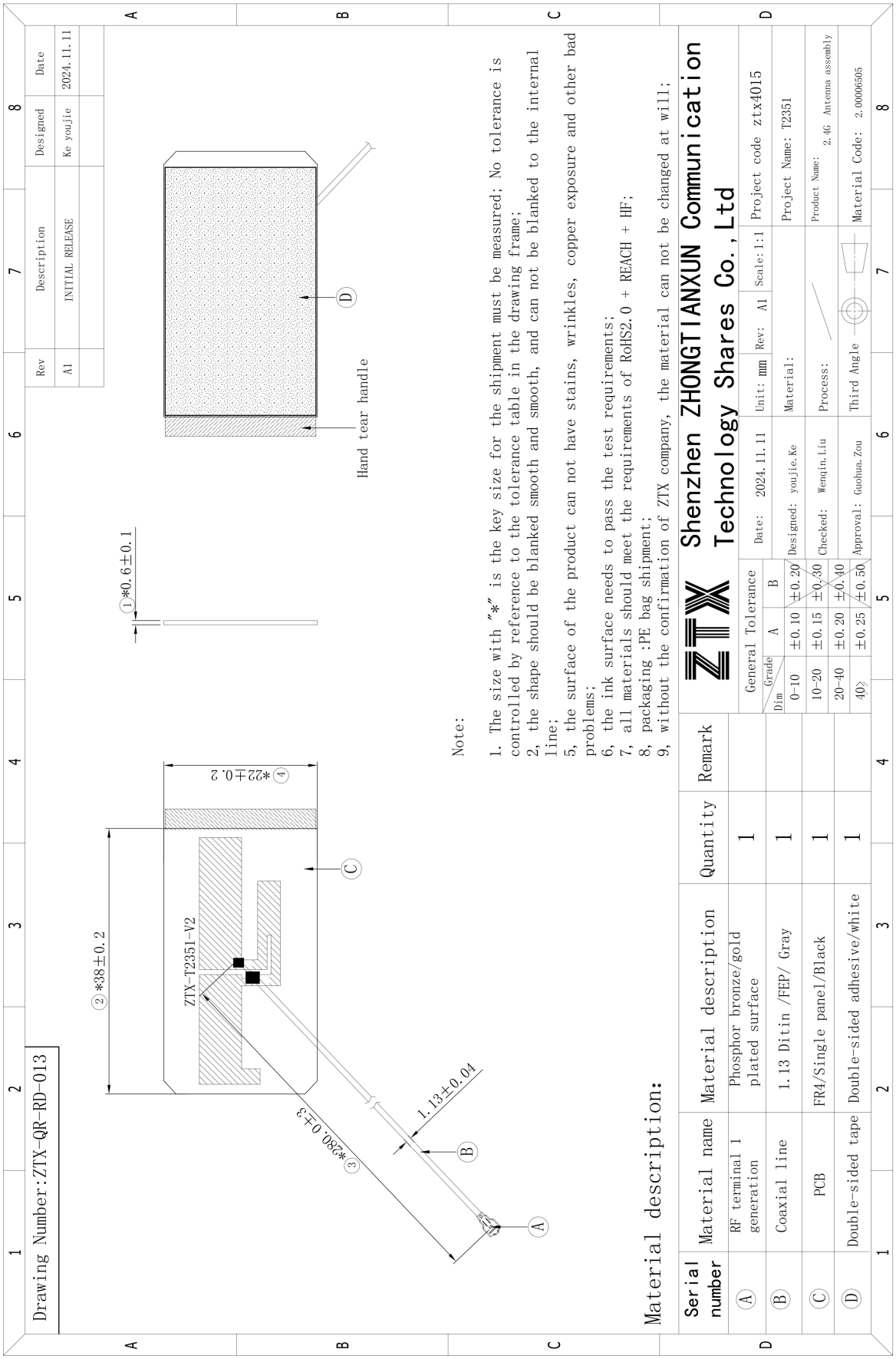
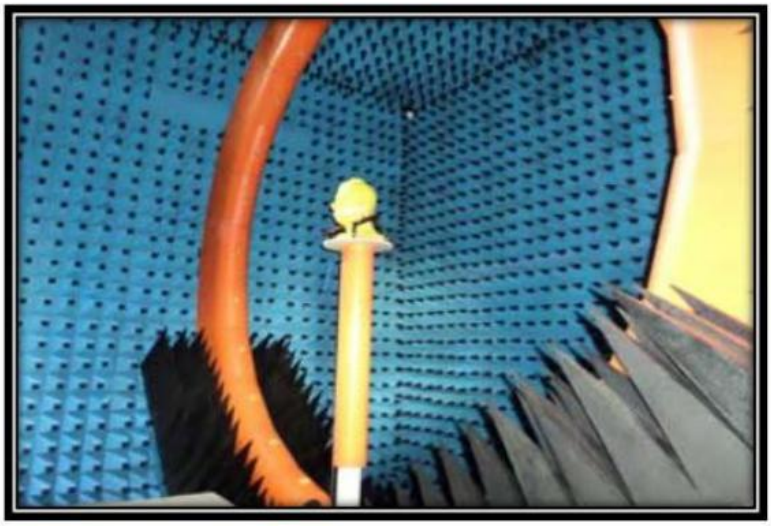
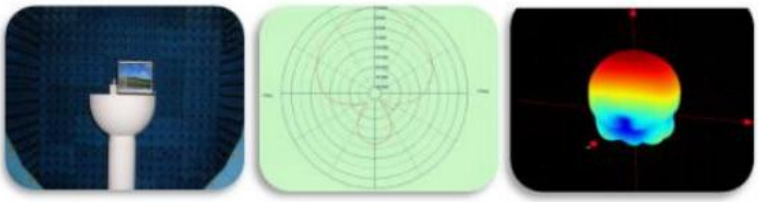
1. Mechanical Specification

1-1 Mechanical Configuration（2.4G antenna components）



2.Test equipment

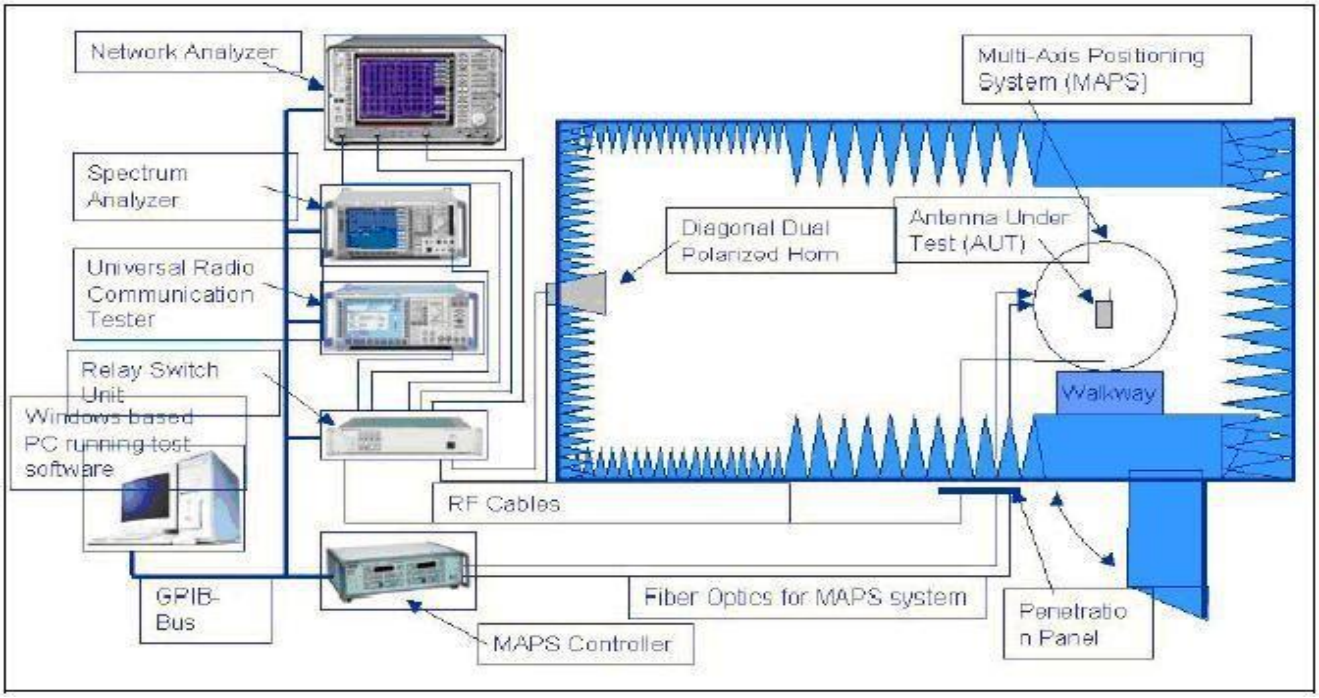




Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems（one in SHENZHEN, another one in Shanghai）, ETS OTA Standard test system，Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CTIA standards.

Testing range:

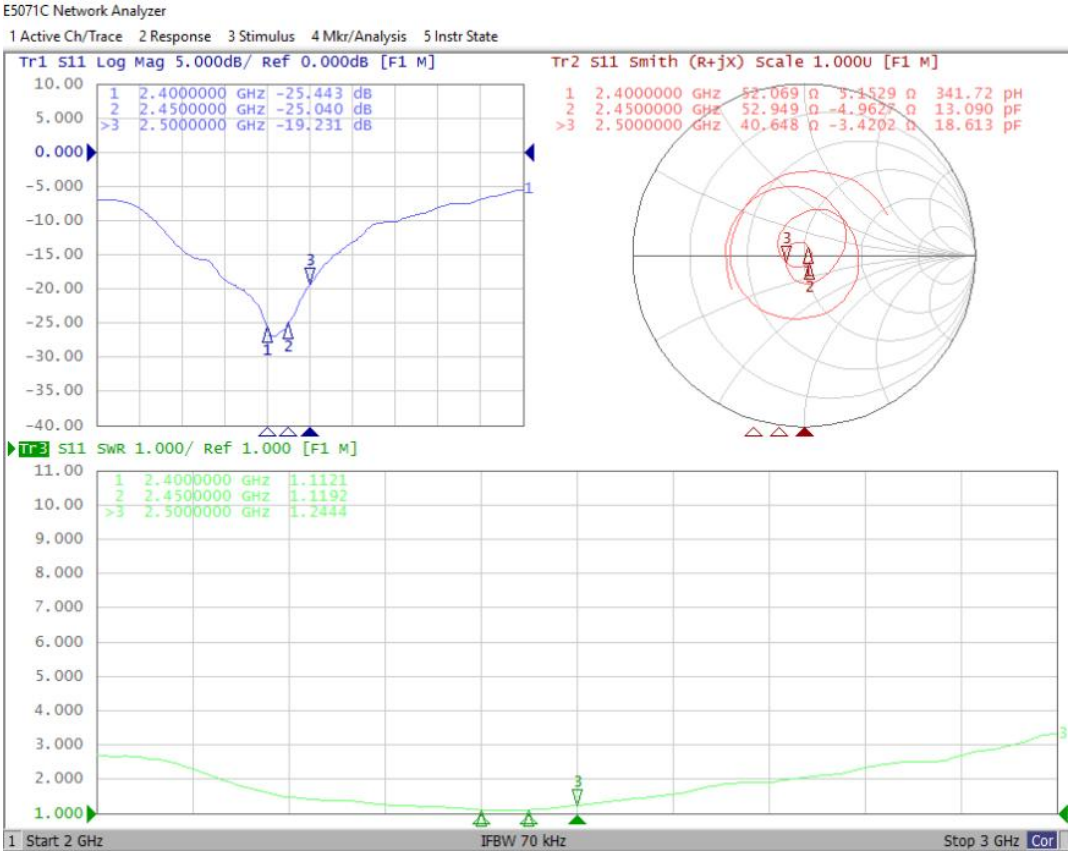
Support active, passive testing of GSM/CDMA/WCDMA/TD-SCDMA/LTE/WIFI/WLAN/WiMax/BT /GPS/MIMO/UWB within0.4-6G.



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）

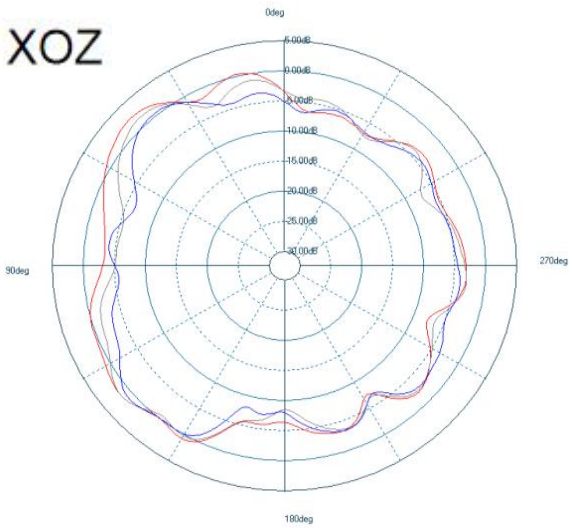
3-1 VSWR

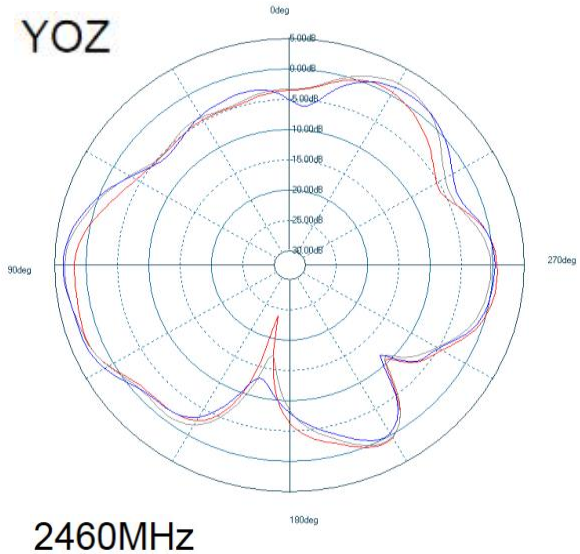


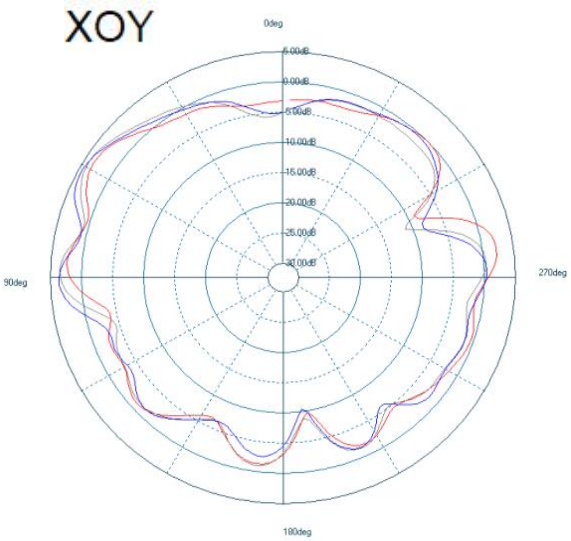
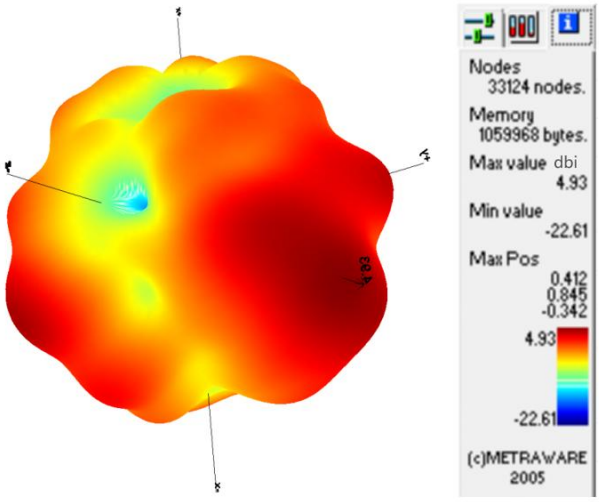
3-2 Passive Test

Frequency	Efficiency		Peak Gain
Mhz	%	db	dbi
2400	68%	-1.68	4.10
2410	67%	-1.755	4.10
2420	66%	-1.82	4.11
2430	67%	-1.77	4.34
2440	67%	-1.74	4.66
2450	66%	-1.82	4.80
2460	66%	-1.79	4.93
2470	64%	-1.93	4.91
2480	64%	-1.93	4.66
2490	63%	-2.00	4.38
2500	65%	-1.88	4.47

3-3 2D/3D Radiation Pattern Results







2460MHz