致（TO）：东莞勤增电声科技有限公司
Dong Guan Kan Tsang ElectroacousticTechnology Co.,Ltd.

日期：2024 年 8 月 19 日

承　　認　　書

（APPROVAL AHEET）

ROHS □　　REACH □　　CP65 □　　HF □

品　　名　：
PART NAME　：　KT902

规　　格　：
SPECIFICATION：　WiFi-PU-天线组件

勤 增 料 号　：

承　認　章	APPROVEDBY
深圳市中天迅通信技术股份有限公司 2024.08.19 研发专用章	陈正伟、王倩

SPECIFICATION

SHEET FOR APPROVAL

（Revision：R：A0）

	CUSTOMER(客户名称)	Dong Guan Kan Tsang ElectroacousticTechnology Co.,Ltd.	
	CS P/N(客户机种)	KT902	
	PART NAME(品名)	WiFi-PU-天线组件	
	FREQUENCY(频率)	2400~2500MHz	
	ZTX NO.(物料编号)	2.00001378	
	DATE(日期)	2024-08-19	

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
		陈正伟	王倩	

深圳市中天迅通信技术股份有限公司 2024.08.19 研发专用章

ZTX 中天迅

Shenzhen ZTX Communication Technology Co., Ltd

地址：深圳市宝安区石岩镇石龙大道 34 号(腾达工业园)

Address:No.34 Shilong Avenue, Shiyan Town, Baoan District, Shenzhen (Tengda Industrial Park)

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Revision history

版本	日期	状态
A0	2024-08-19	初版

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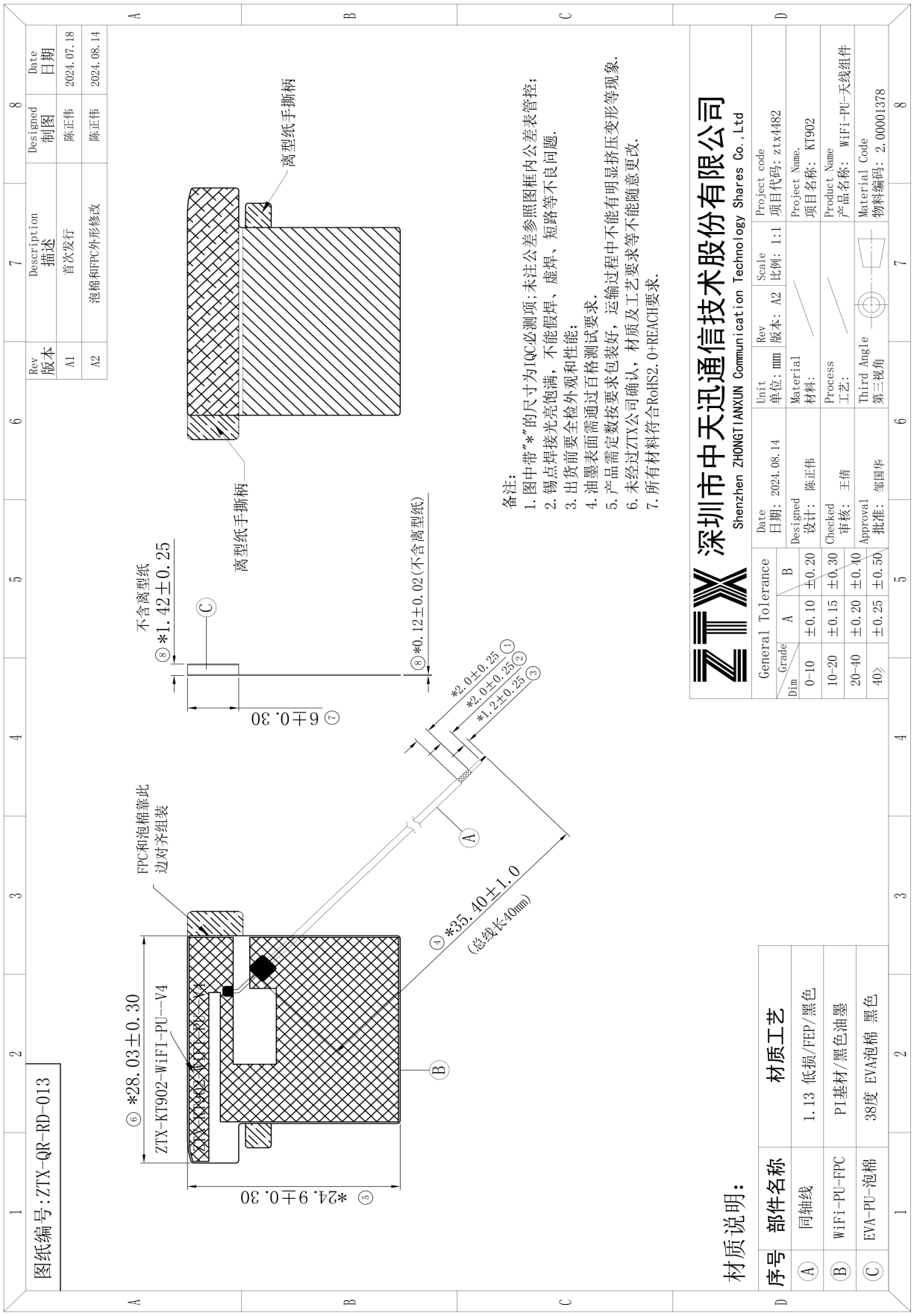
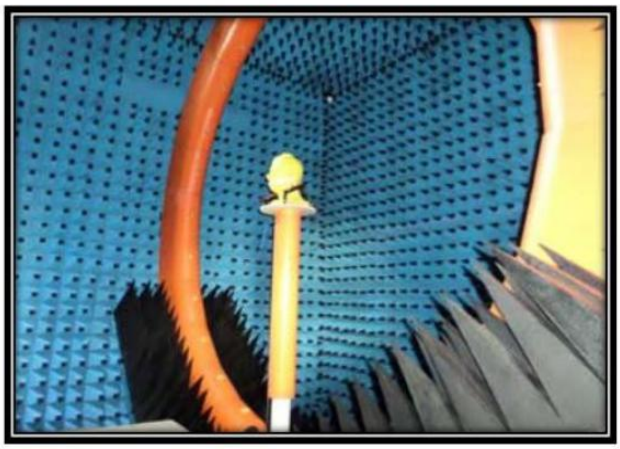
1.Mechanical Specification

1-1 Mechanical Configuration（WiFi-PU-天线组件）



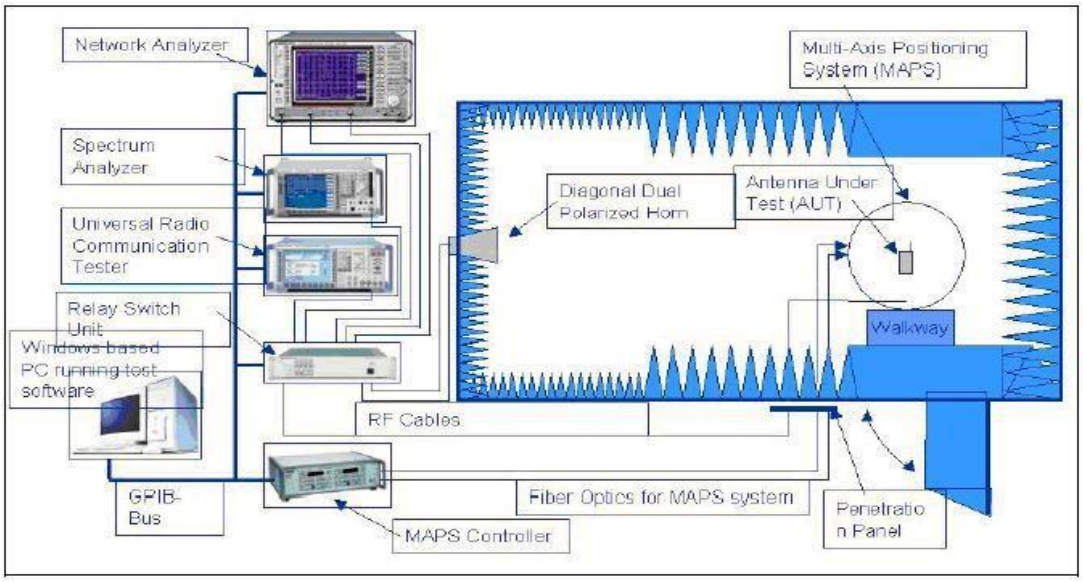
2.Test equipment



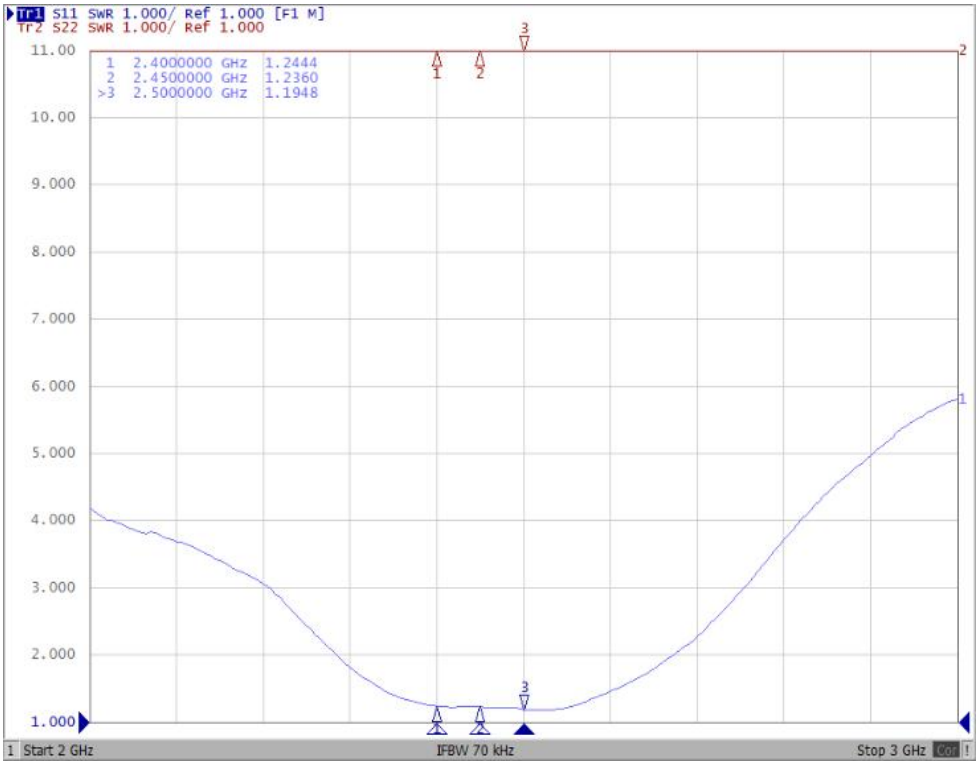
Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems（one in SHENZHEN, another one in Shanghai）, ETS OTA Standard test system，Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide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



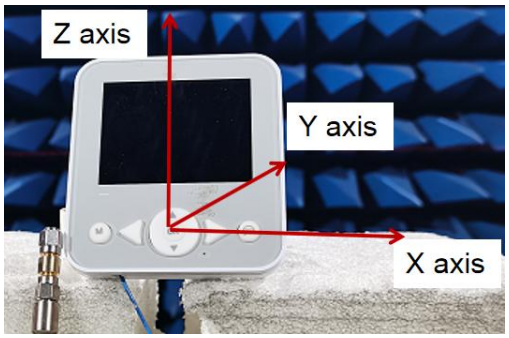
2-1 VSWR

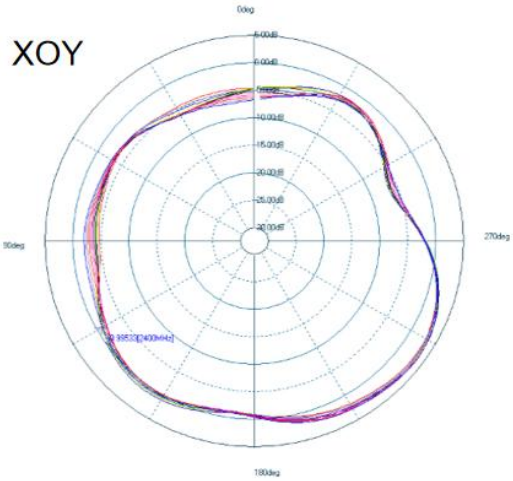


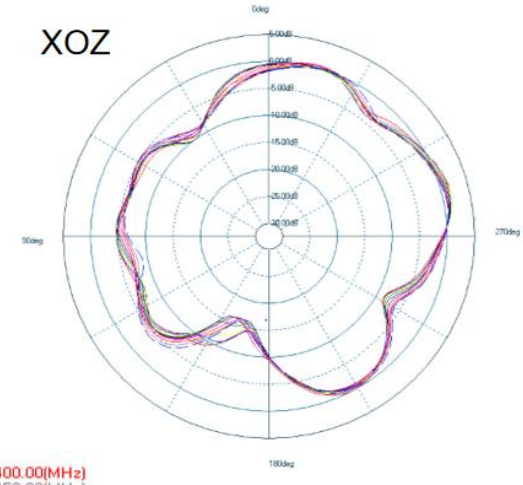
2-2 Passive Test

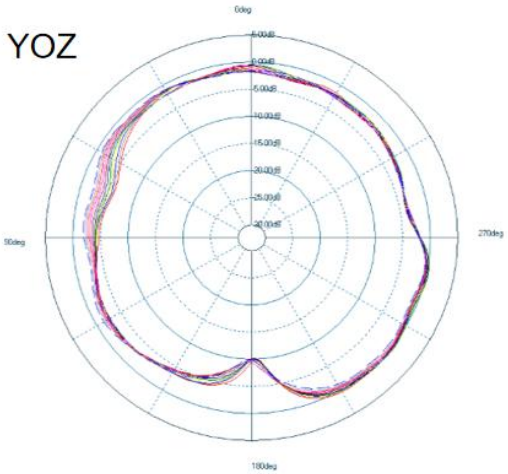
Frequency	Efficiency	Efficiency . dB	Gain . dB
2400	62%	-2.11	2.56
2410	61%	-2.13	2.13
2420	62%	-2.11	2.75
2430	62%	-2.06	2.64
2440	62%	-2.05	2.37
2450	62%	-2.09	2.78
2460	62%	-2.11	2.93
2470	62%	-2.06	3.12
2480	63%	-1.99	3.06
2490	64%	-1.94	3.23
2500	65%	-1.90	3.04

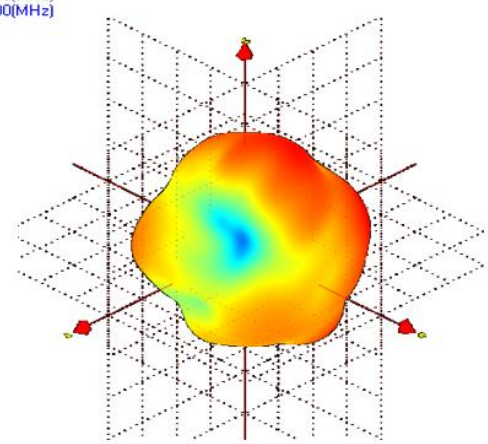
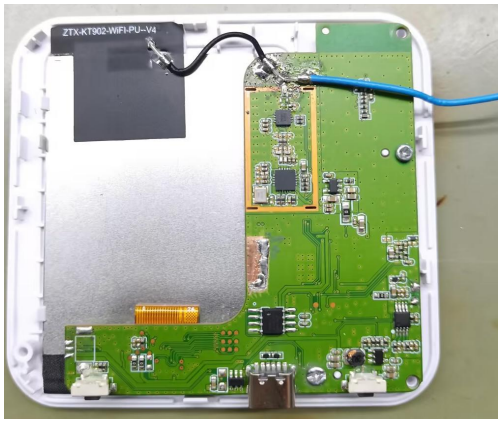
2-3 2D/3D Radiation Pattern Results











2-4 Environmental treatment