

致（TO）：东莞勤增电声科技有限公司

日期：2024 年 5 月 27 日

承 認 書

(APPROVAL SHEET)

ROHS ☐

REACH ☐

CP65 ☐

HF ☐

品 名 :

PART NAME : KT828

规 格 :

SPECIFICATION: 2.4G antenna components

勤 增 料 号 :

承 認 章	APPROVED BY
2024.06.27 Le. Qin 研发专用章	

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER	Kan Tsang	
	CS P/N	KT828	
	PART NAME	2.4G antenna components	
	FREQUENCY	2400~2500MHz	
	ZTX NO.	2.00001145	
	DATE	2024-06-27	

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
		Le.Qin	Qiong.Huang	



Shenzhen ZTX Communication Technology Co., Ltd

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Tel.: 0755-27588320 Fax: 0755-27588045 <http://www.chinaztx.com>

ANTENNA SPECIFICATION

CUS P/N : KT828_2.4G antenna components

Application Date:Jun,27,2024

Rev: R:A0

ZTX P/N : KT828_2.4G antenna components

Editor:

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Revision history

edition	date	status
A0	2024-06-27	first edition

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ANTENNA SPECIFICATION

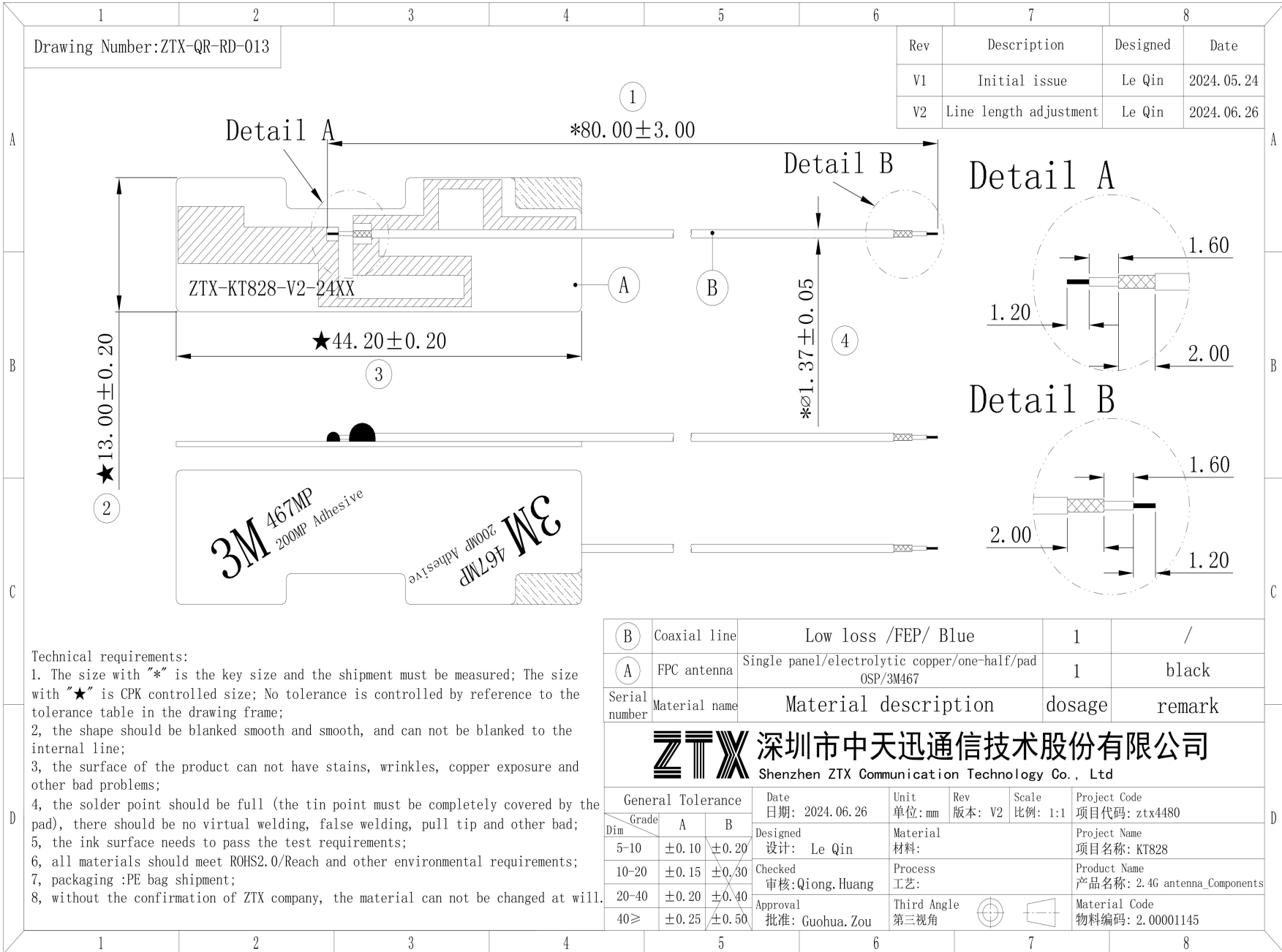
CUS P/N : KT828_2. 4G antenna components
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1.Mechanical Specification

1-1 Mechanical Configuration (2.4G antenna components)



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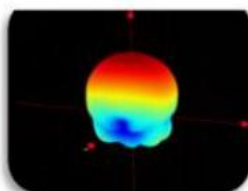
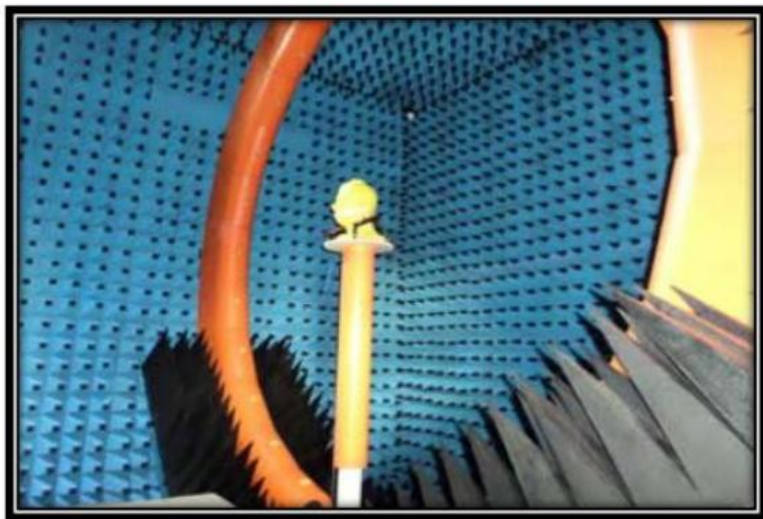
Rev: R:A0

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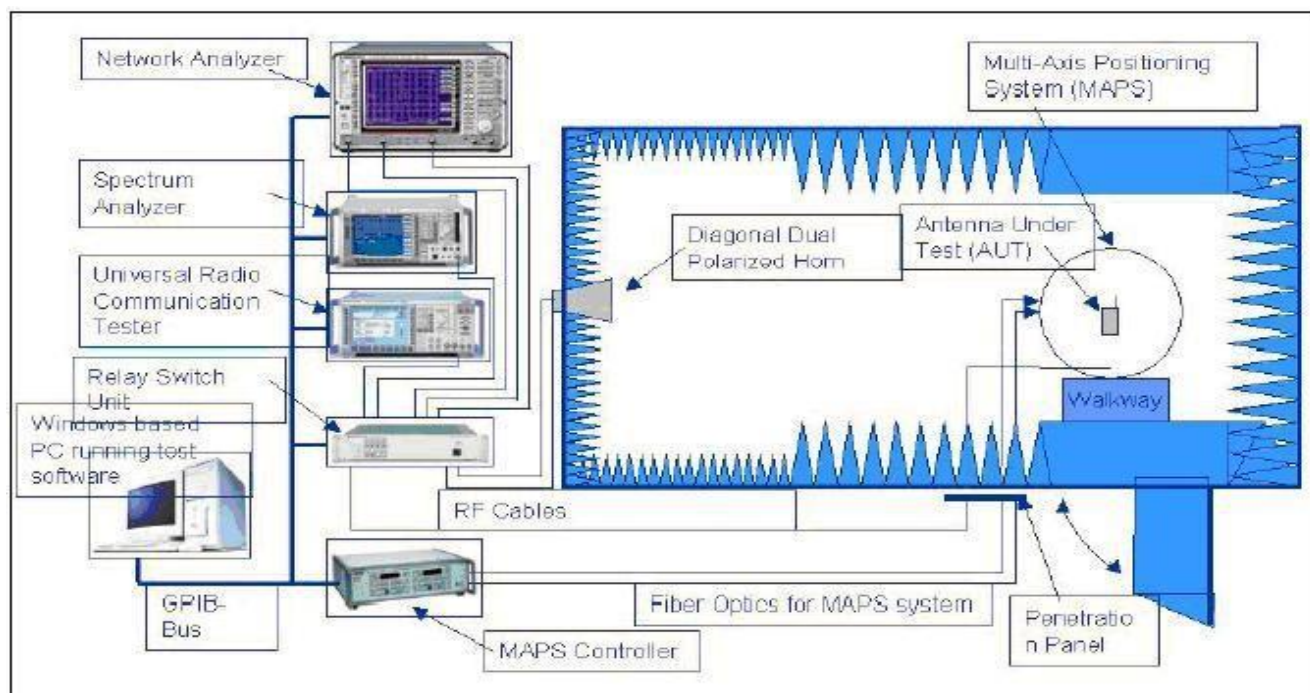
2. Test equipment



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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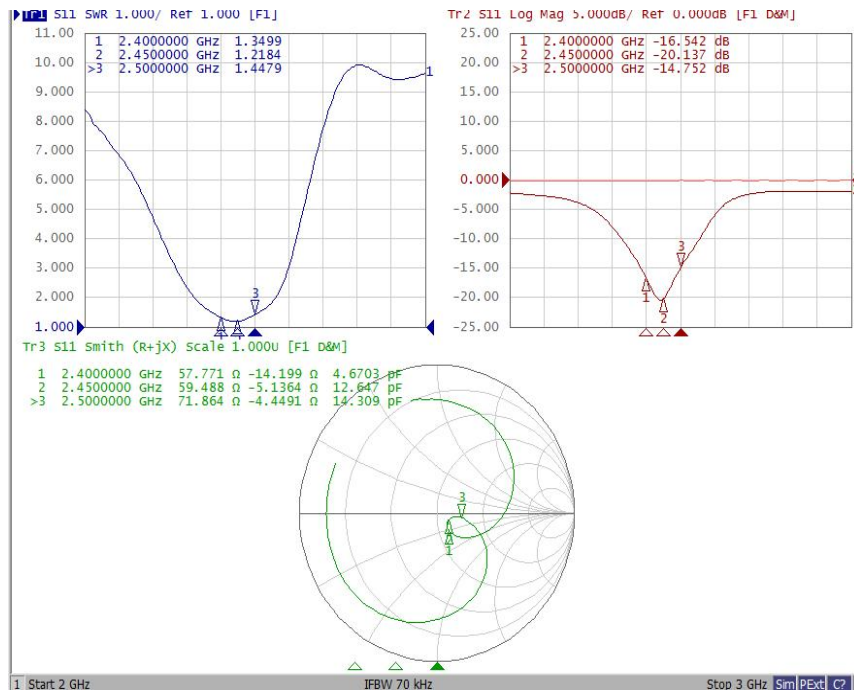
Rev: R:A0

ZTX P/N : KT828_2.4G antenna components

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2-1 VSWR



2-2 Passive Test

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

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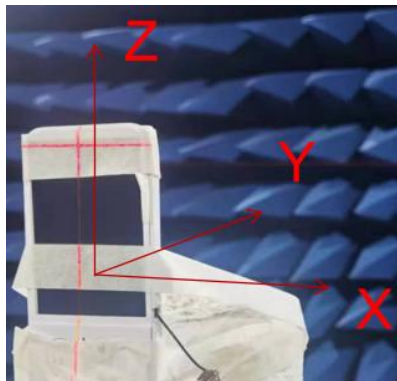
Rev: R:A0

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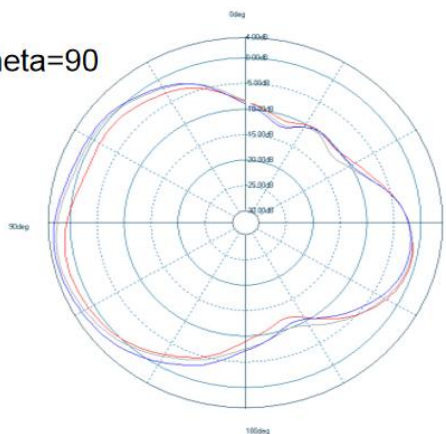
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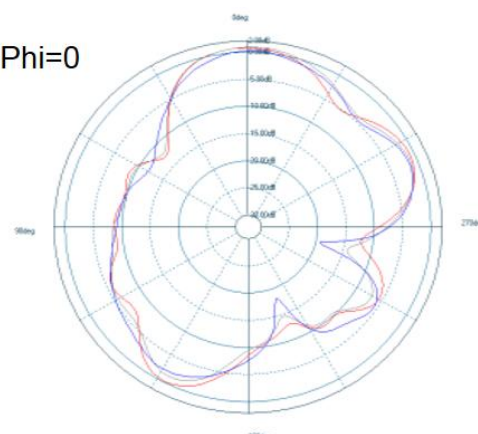
2-3 2D/3D Radiation Pattern Results



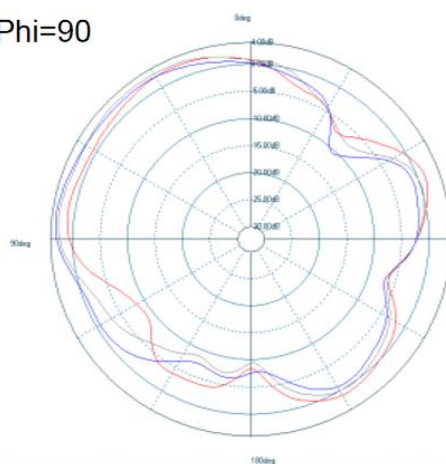
Theta=90



Phi=0



Phi=90



3D

