

致 (TO) : Kan Tsang New Technology Development Limited

Date: December 12, 2024

承 認 書

(APPROVAL SHEET)

ROHS ☐

REACH ☐

CP65 ☐

HF ☐

品 名 :

PART NAME : KT566

规 格 :

SPECIFICATION: WIFI antenna components

承 認 章

APPROVED BY

Lee.Qin、Pei.Wang

2024.12.12

研发专用章

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER	Kan Tsang New Technology Development Limited	
	CS P/N	KT566	
	PART NAME	WIFI antenna components	
	FREQUENCY	2400~2500MHz	
	ZTX NO.	2.00001547	
	DATE	2024-12-12	

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	Pei.Wang	



Shenzhen ZTX Communication Technology Co., Ltd

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ANTENNA SPECIFICATION

Revision history

edition	date	state
A0	2024-12-12	first edition

ANTENNA SPECIFICATION

CUS P/N: KT566_WIFI antenna components

Application Date:Dec,12,2024

Rev: R:A0

ZTX P/N : KT566_WIFI antenna components

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ANTENNA SPECIFICATION

CUS P/N: KT566_WIFI antenna components

ZTX P/N : KT566 WIFI antenna components

Application Date:Dec,12,2024

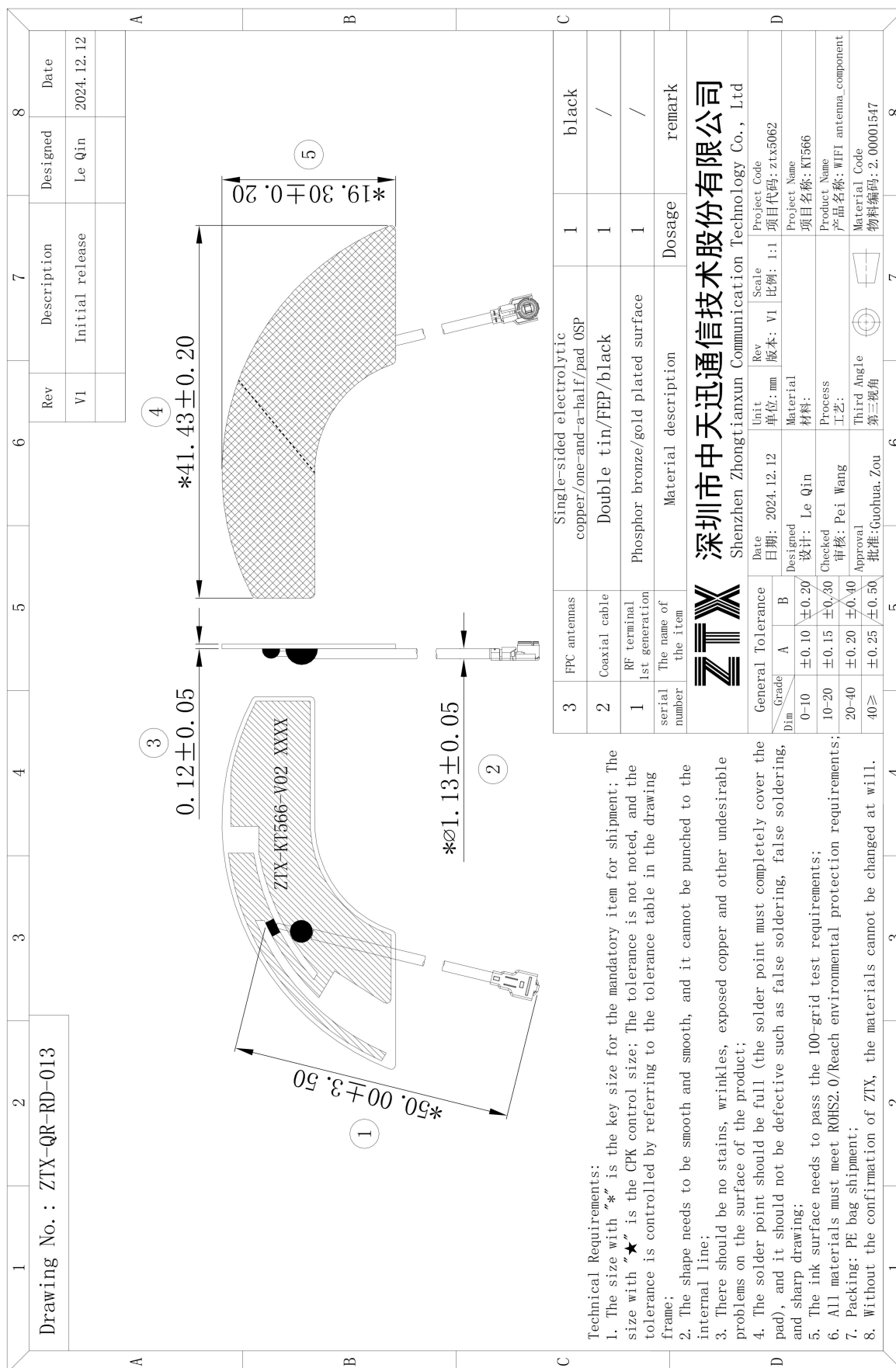
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1.Mechanical Specification

1-1 Mechanical Configuration (WIFI antenna components)



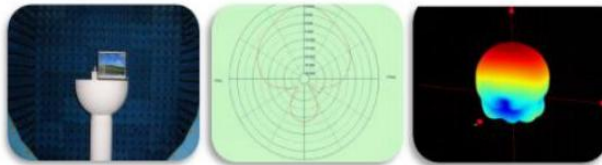
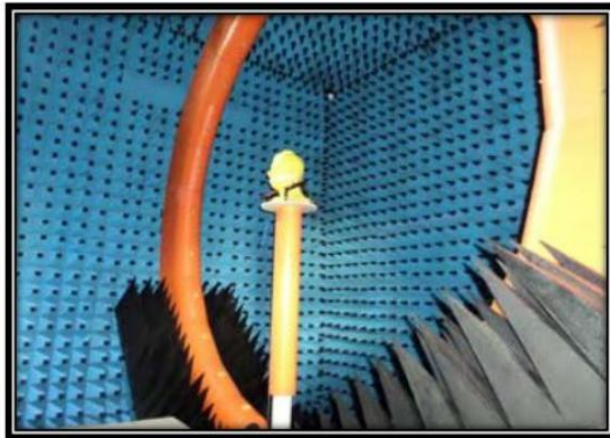
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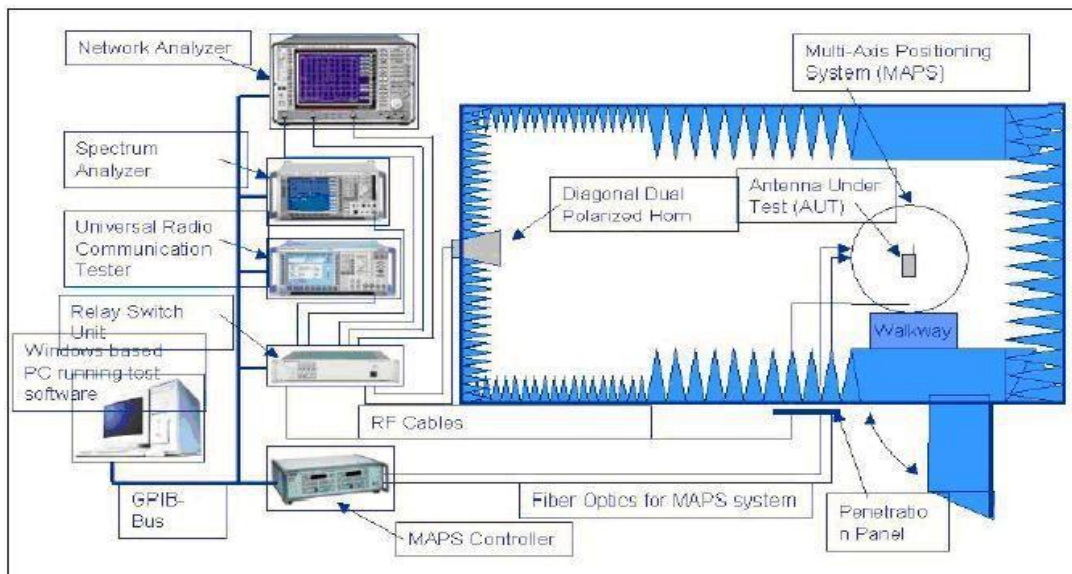
2. Test equipment



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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3. Test Results Summary

3-1 VSWR



3-2 Passive Test Antenna Type: FPC antenna

Frequency	Efficiency	Gain . dB
2400MHz	63%	4.25
2410MHz	60%	3.99
2420MHz	60%	3.64
2430MHz	61%	3.51
2440MHz	61%	3.31
2450MHz	61%	2.97
2460MHz	60%	2.70
2470MHz	62%	2.52
2480MHz	64%	2.61
2490MHz	64%	2.82
2500MHz	67%	3.31

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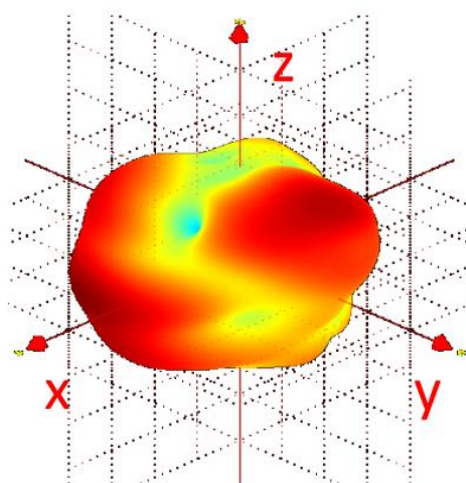
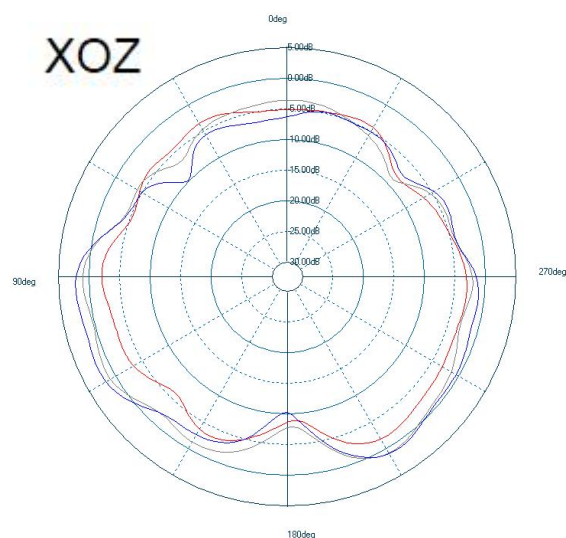
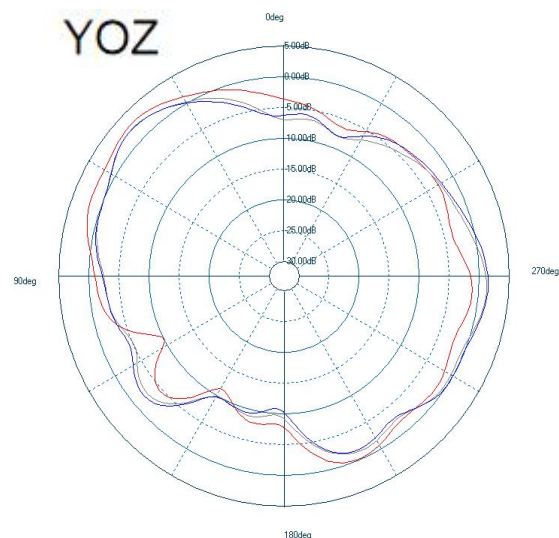
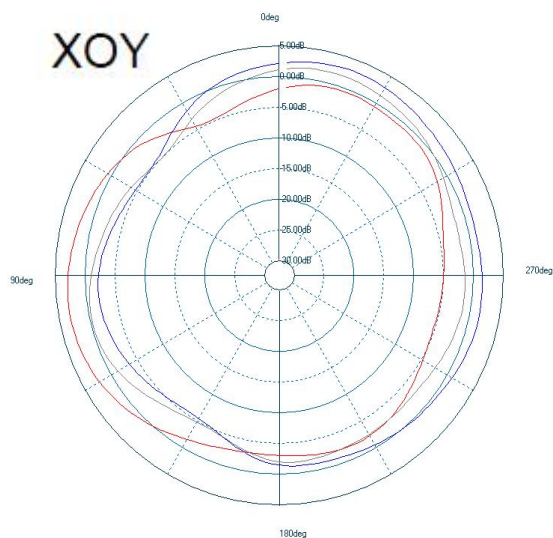
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3-3 2D/3D Radiation Pattern Results



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3-4 Environmental treatment

