

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: Transmitter-end copper tube antenna

承 認 章	APPROVED BY
Lee.Qin、Pei.Wang	

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER	Kan Tsang New Technology Development Limited	
	CS P/N	KT566	
	PART NAME	Transmitter-end copper tube antenna	
	FREQUENCY	2400~2500MHz	
	ZTX NO.	1.21.00028	
	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	



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ANTENNA SPECIFICATION

Revision history

edition	date	state
A0	2024-12-12	first edition

ANTENNA SPECIFICATION

CUS P/N: KT566_Transmitter-end copper tube antenna Application Date:Dec,12,2024

Rev: R:A0

ZTX P/N : KT566_Transmitter-end copper tube antenna Editor:

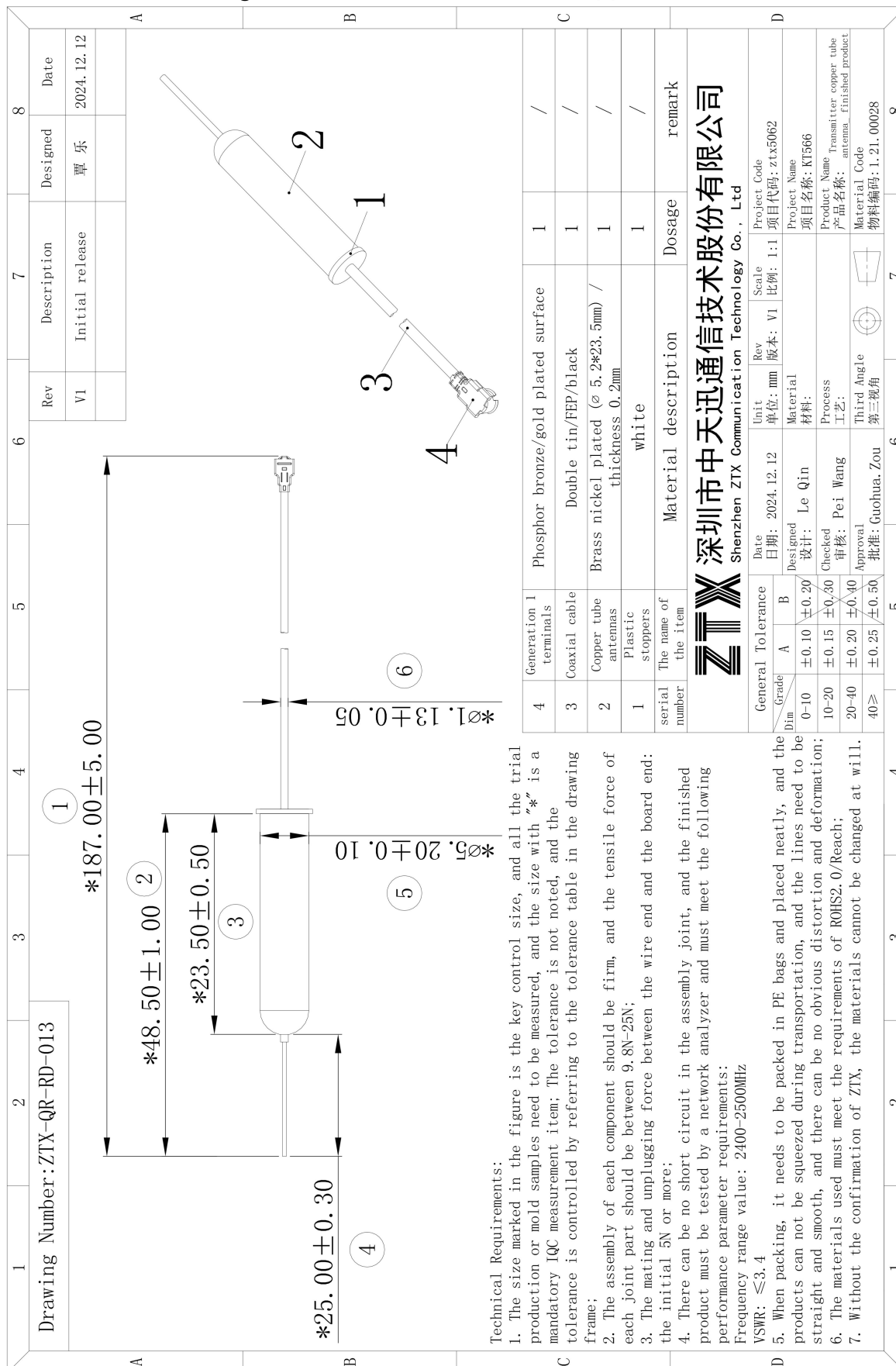
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1.Mechanical Specification

1-1 Mechanical Configuration (Transmitter-end copper tube antenna)



ANTENNA SPECIFICATION

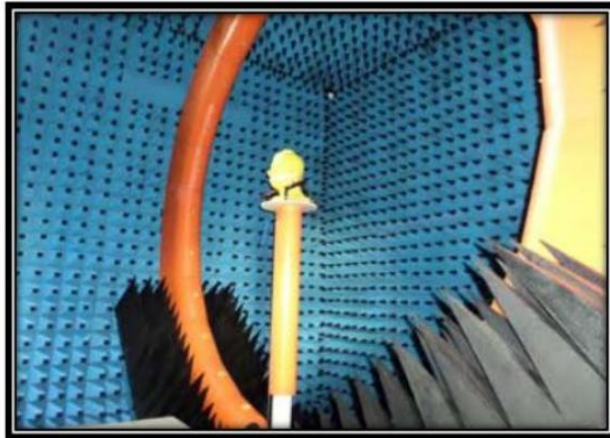
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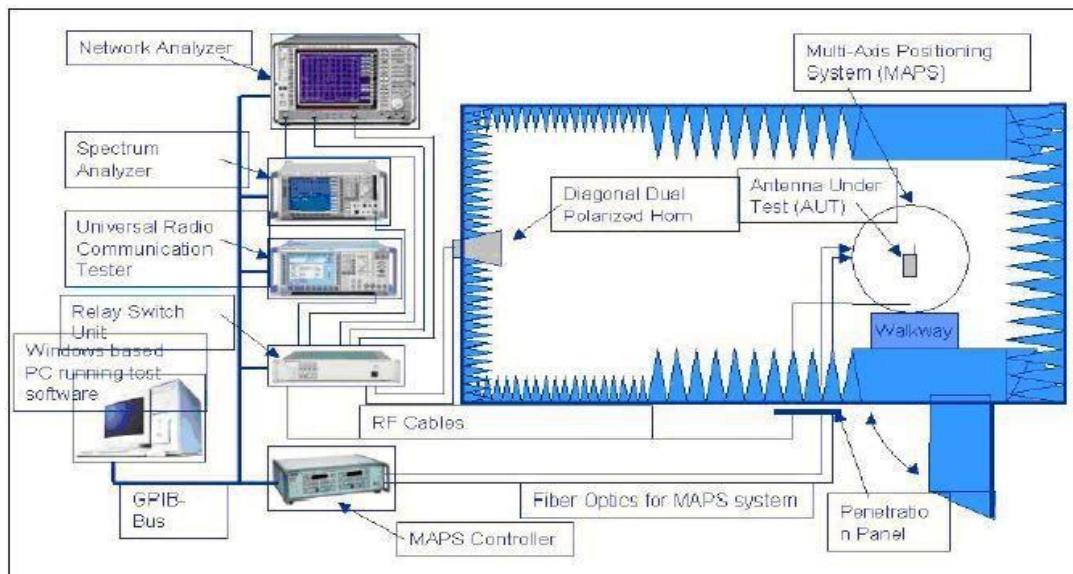
2. Test equipment



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: Copper tube antenna

Frequency	Efficiency	Gain . dB
2400MHz	69%	2. 83
2410MHz	66%	2. 31
2420MHz	65%	2. 28
2430MHz	66%	2. 31
2440MHz	65%	2. 03
2450MHz	64%	2. 41
2460MHz	63%	2. 65
2470MHz	64%	2. 68
2480MHz	65%	2. 79
2490MHz	65%	2. 93
2500MHz	68%	3. 32

ANTENNA SPECIFICATION

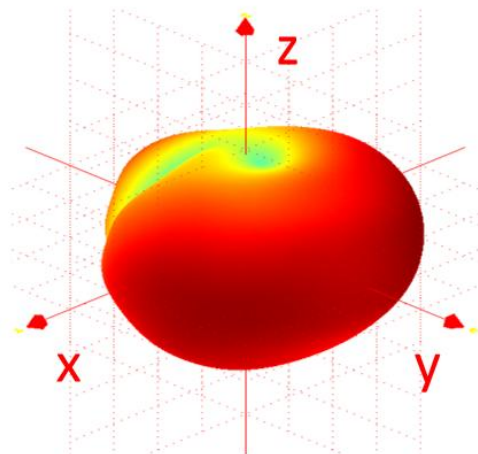
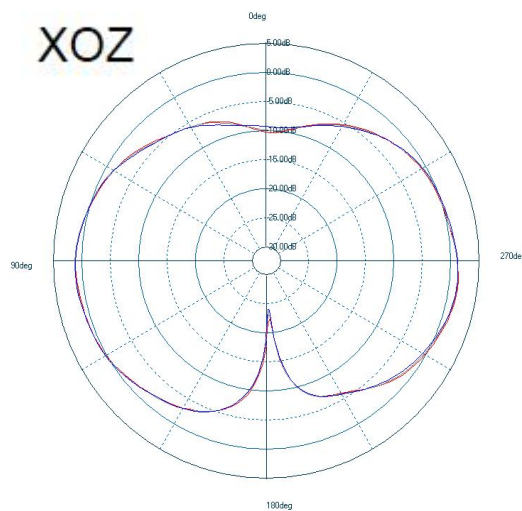
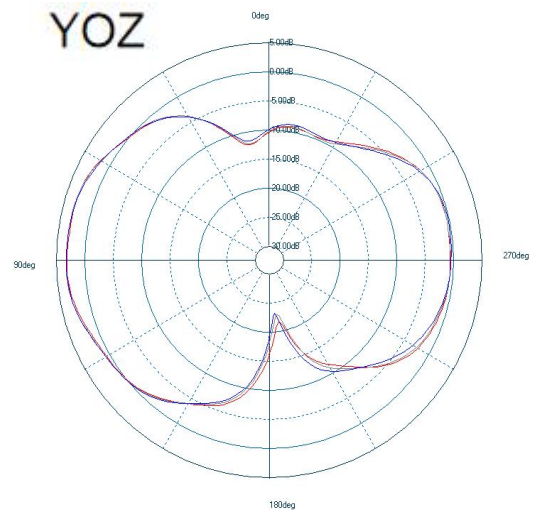
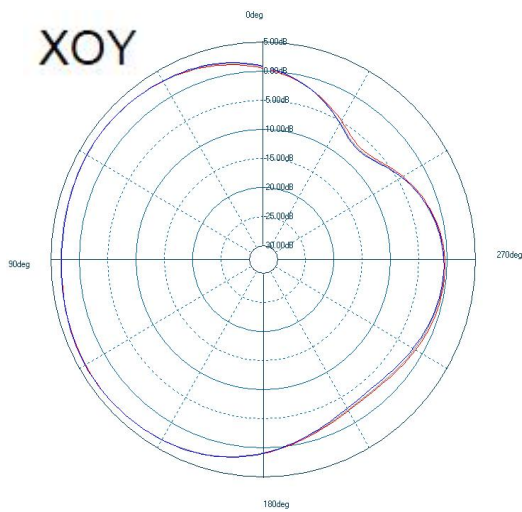
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3-3 2D/3D Radiation Pattern Results



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3-4 Environmental treatment

