

致（TO）：Dongguan Jiasong Electronic Technology Co., LTD

Date: October 30, 2024

承 認 書

(APPROVAL SHEET)

ROHS ☐

REACH ☐

CP65 ☐

HF ☐

品 名 :

PART NAME : MC-BM01

规 格 :

SPECIFICATION: PU-WIFI antenna assembly

承 認 章	APPROVEDBY
	Ke Youjie, Liu Cuilin

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER	jiasong	
	CS P/N	MC-BM01	
	PART NAME	PU-WIFI antenna assembly	
	FREQUENCY	2400~2500MHz	
	ZTX NO.	2.00001481	
	DATE	2024-10-30	

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
研发专用章		Youjie.Ke	Cuilin.Liu	



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ANTENNA SPECIFICATION

Revision history

edition	date	state
A0	2024-10-30	first edition

ANTENNA SPECIFICATION

CUS P/N: MC-BM01_PU-WIFI antenna assembly

Application Date: Oct, 30, 2024

Rev: R:A0

ZTX P/N : MC-BM01_PU-WIFI antenna assembly

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ANTENNA SPECIFICATION

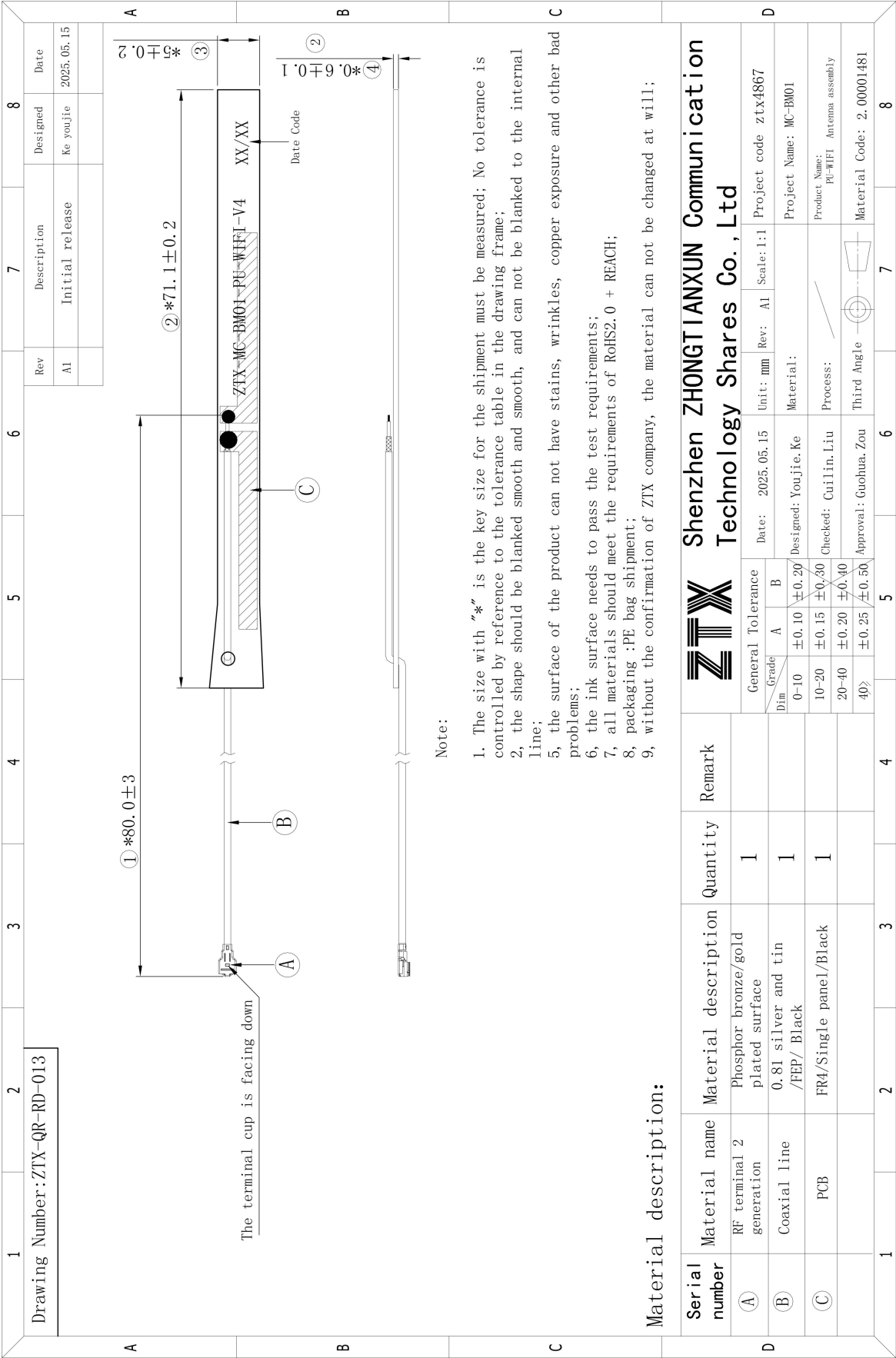
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1.Mechanical Specification

1-1 Mechanical Configuration (PU-WIFI antenna assembly)



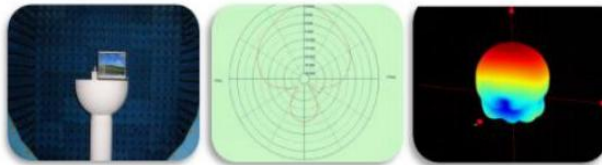
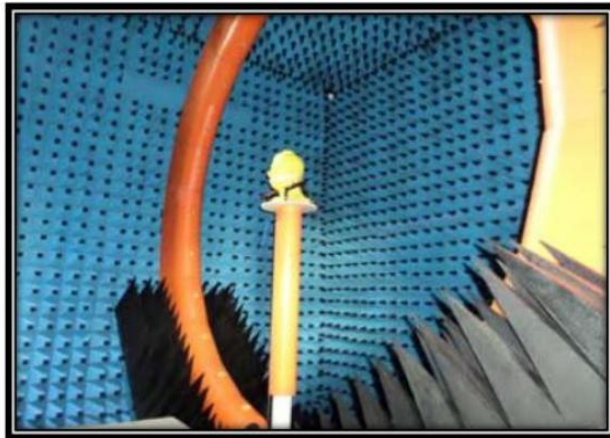
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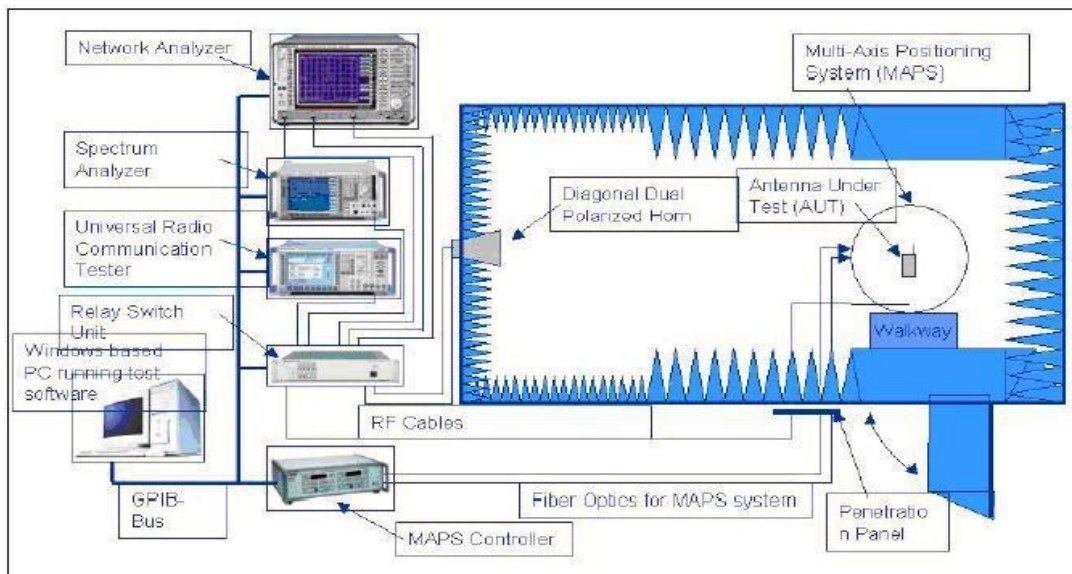
2. Test equipment



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.



ANTENNA SPECIFICATION

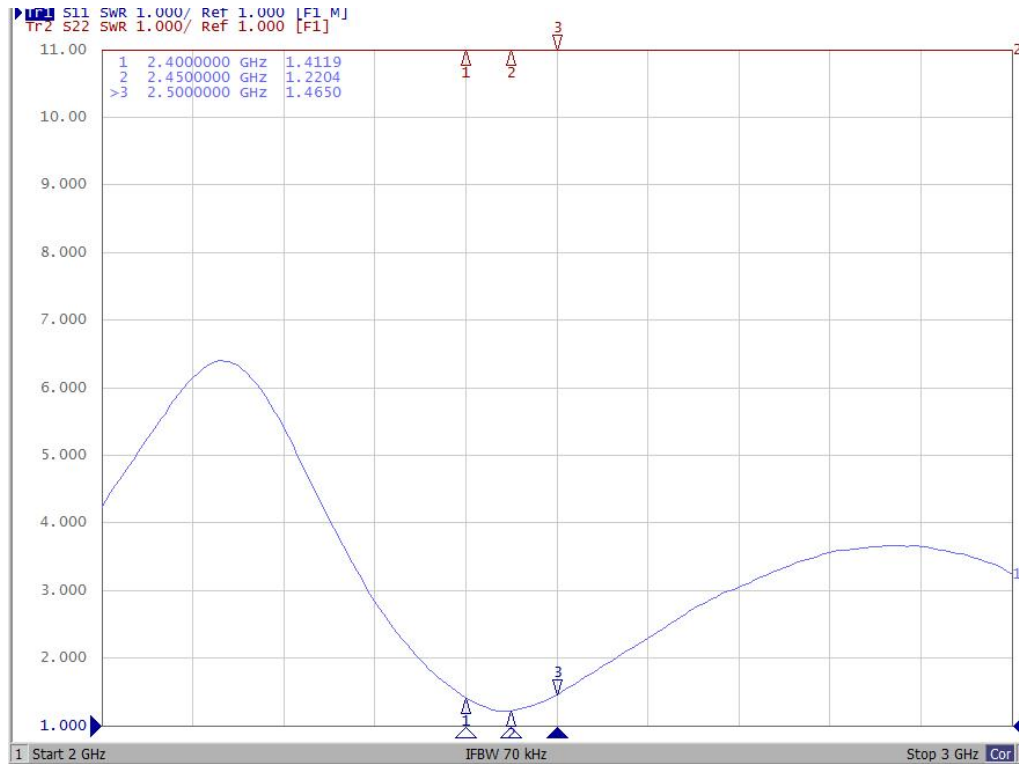
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3.Test Results Surmmary

3-1 VSWR



3-2 Passive Test

Frequency (MHz)	Efficiency	Efficiency . dB	Gain . dB
2400	66%	-1.82	2.54
2410	66%	-1.79	2.52
2420	67%	-1.75	2.80
2430	68%	-1.64	3.00
2440	68%	-1.68	2.98
2450	67%	-1.76	2.78
2460	66%	-1.81	2.52
2470	65%	-1.87	2.45
2480	65%	-1.87	2.29
2490	64%	-1.93	2.13
2500	64%	-1.94	2.31

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3-3 2D/3D Radiation Pattern Results

