

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

Date: January 06, 2025

承 認 書

(APPROVAL SHEET)

ROHS ☐

REACH ☐

CP65 ☐

HF ☐

品 名 :

PART NAME : MC-BM01

规 格 :

SPECIFICATION: WIFI clip antenna

承 認 章

APPROVED BY



Ke Youjie, Liu Cuilin

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER	jiasong	
	CS P/N	MC-BM01	
	PART NAME	WIFI clip antenna	
	FREQUENCY	2400~2500MHz	
	ZTX NO.	1.01.01300	
	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	



Shenzhen ZTX Communication Technology Co., Ltd

Address: No.34, Shilong Avenue, Shiyan Town, Baoan District, Shenzhen, (Tengda Industrial Park) 518000

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

ANTENNA SPECIFICATION

Revision history

edition	date	state
A0	2024-10-30	first edition

ANTENNA SPECIFICATION

CUS P/N: MC-BM01_WIFI clip antenna

Application Date: Oct, 30, 2024

Rev: R:A0

ZTX P/N: MC-BM01_WIFI clip antenna

Editor:

Page 2 of 6

Index

		Revision history	1
		Index	2
1		Mechanical Specification	3
	1-1	Mechanical Specification (WIFI clip antenna)	3
2		Test equipment	4
3		Test Results Summary	5
	3-1	VSWR	5
	3-2	Passive Test	5
	3-3	2D/3D Radiation Pattern Results	6

ANTENNA SPECIFICATION

CUS P/N: MC-BM01_WIFI clip antenna

Application Date: Oct, 30, 2024

Rev: R:A0

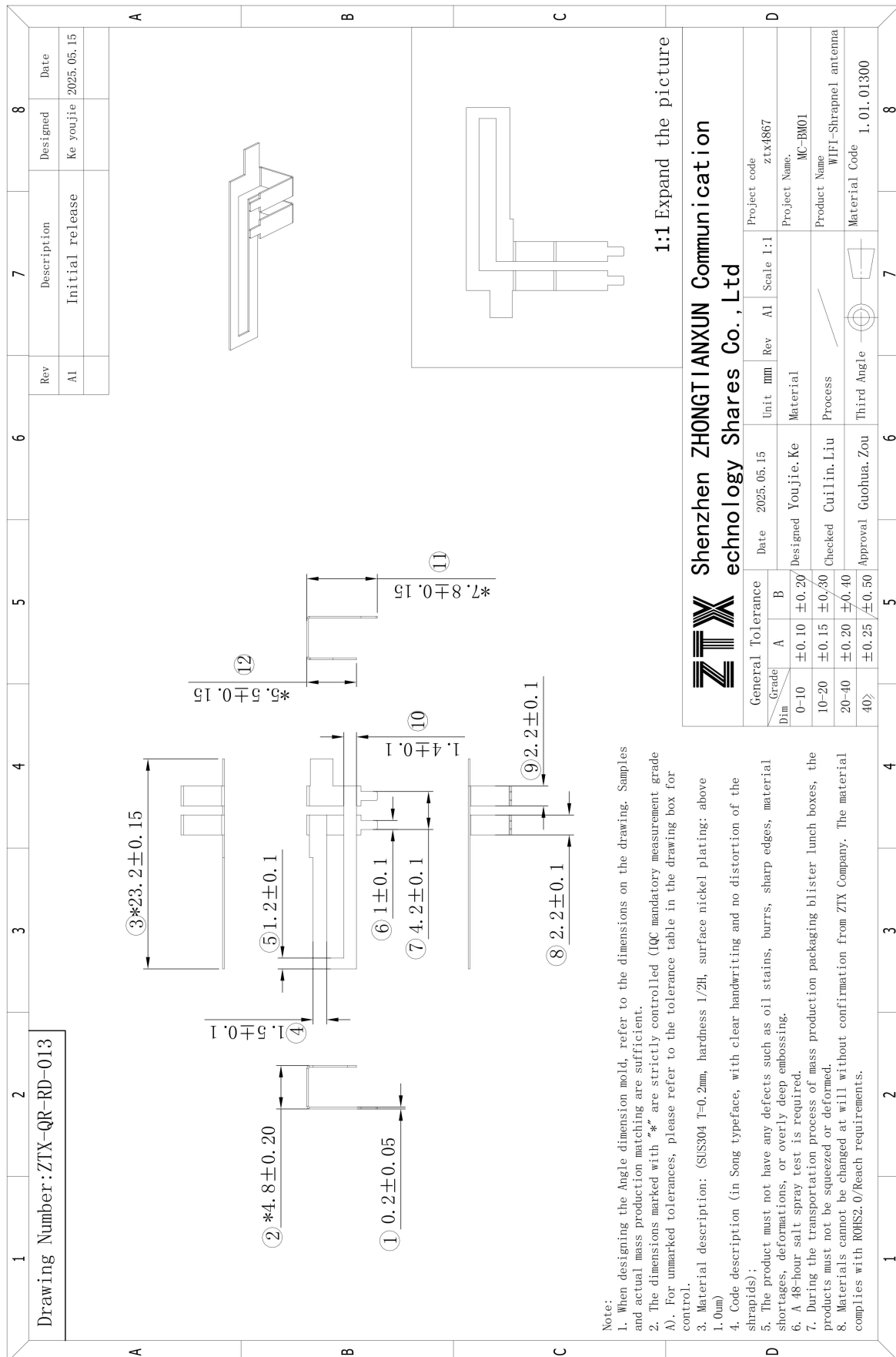
ZTX P/N: MC-BM01_WIFI clip antenna

Editor:

Page 3 of 6

1.Mechanical Specification

1-1 Mechanical Configuration (WIFI clip antenna)



ANTENNA SPECIFICATION

CUS P/N: MC-BM01_WIFI clip antenna

ZTX P/N : MC-BM01_WIFI clip antenna

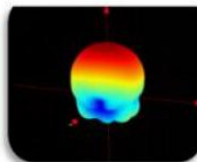
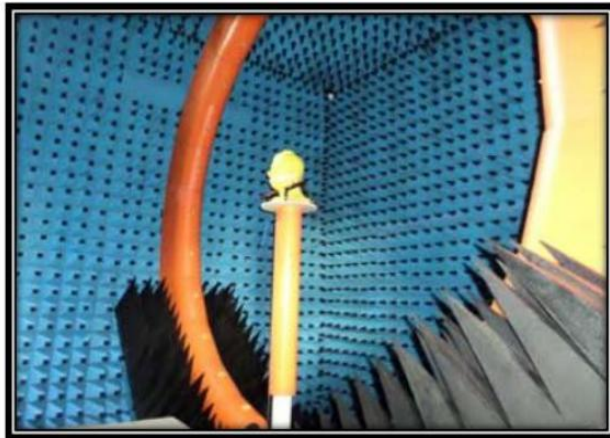
Application Date: Oct, 30, 2024

Editor:

Rev: R:A0

Page 4 of 6

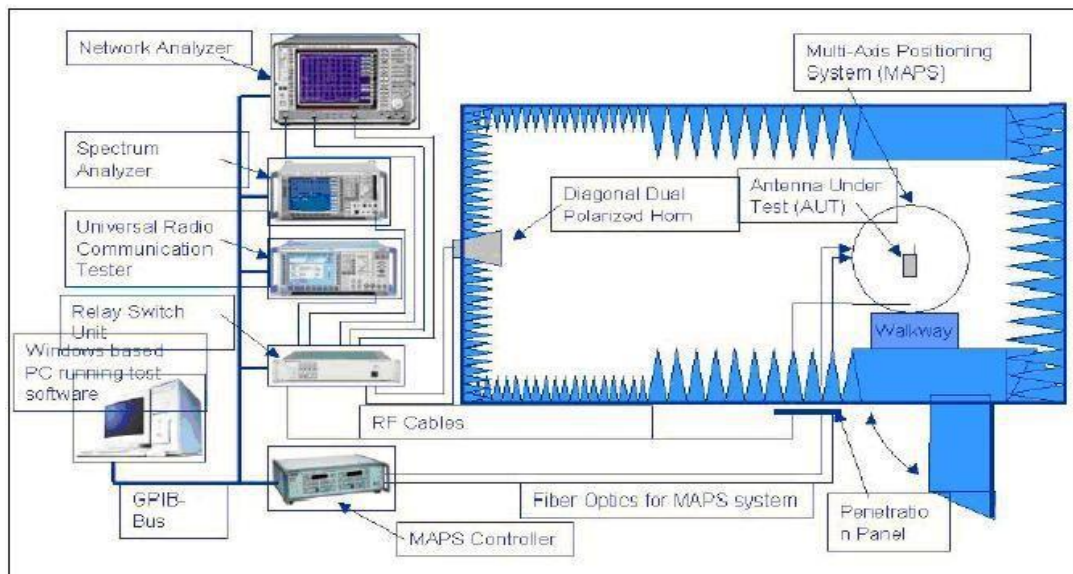
2. Test equipment



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

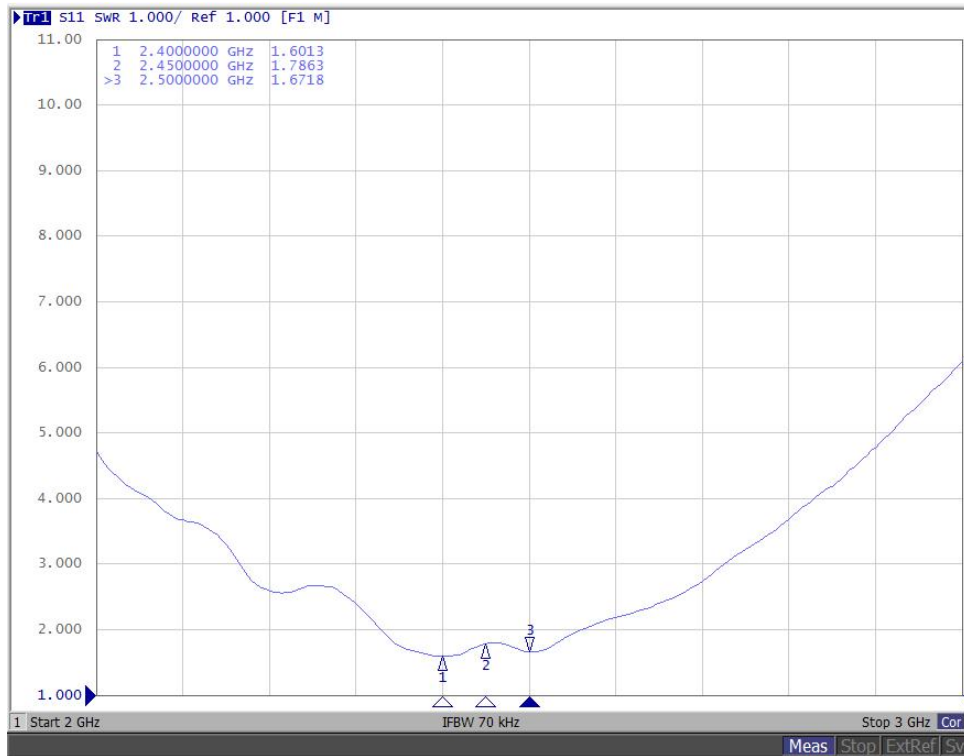
CUS P/N: MC-BM01_WIFI clip antenna
ZTX P/N : MC-BM01_WIFI clip antenna

Application Date: Oct, 30, 2024
Editor:

Rev: R:A0
Page 5 of 6

3. Test Results Summary

3-1 VSWR



3-2 Passive Test

Frequency (MHz)	Efficiency	Efficiency . dB	Gain . dB
2400	63%	-2.02	3.61
2410	62%	-2.07	3.49
2420	62%	-2.04	3.37
2430	64%	-1.92	3.17
2440	64%	-1.96	2.97
2450	64%	-1.92	2.83
2460	61%	-2.18	2.76
2470	62%	-2.05	2.54
2480	62%	-2.09	2.47
2490	60%	-2.21	2.55
2500	60%	-2.23	2.60

ANTENNA SPECIFICATION

CUS P/N: MC-BM01_WIFI clip antenna

Application Date: Oct, 30, 2024

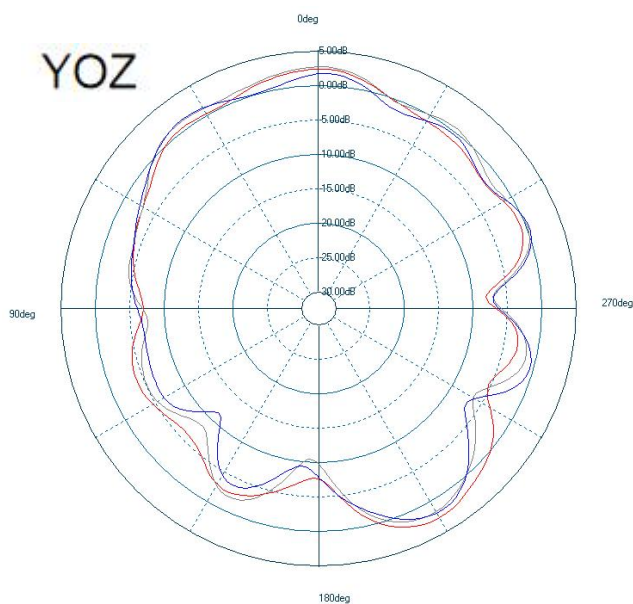
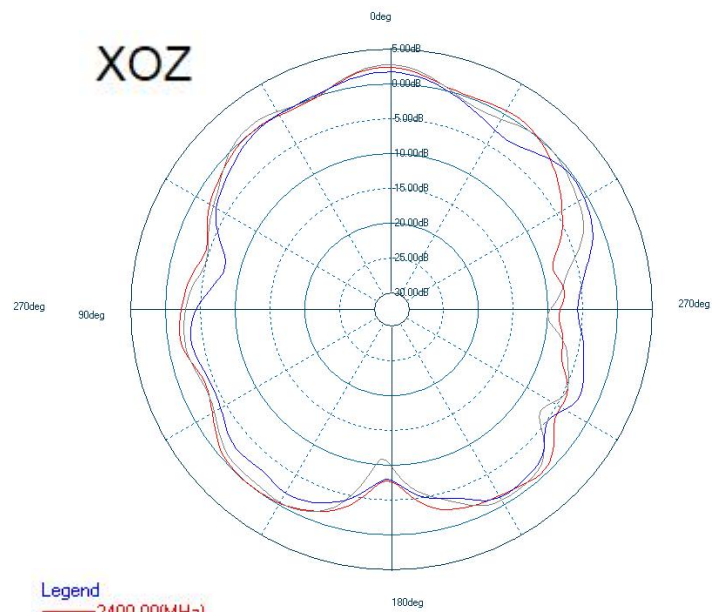
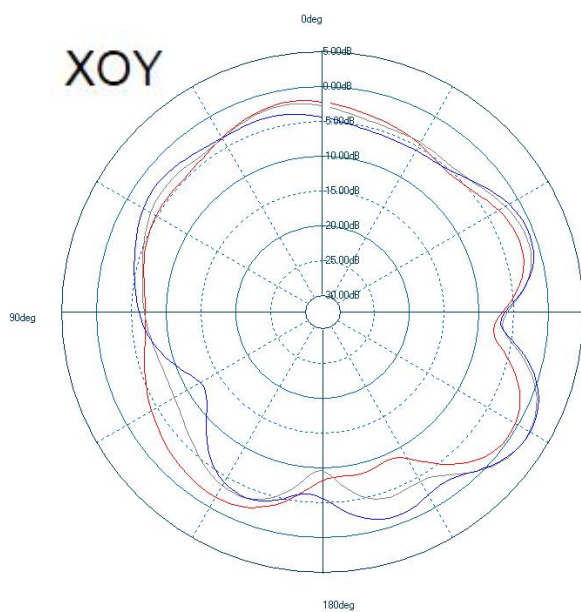
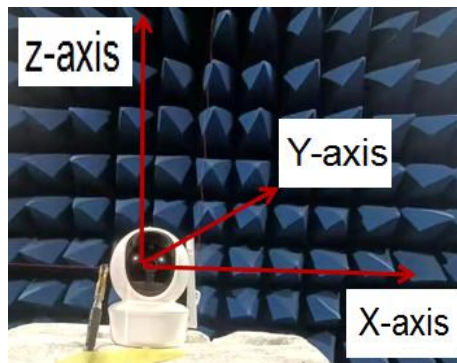
Rev: R:A0

ZTX P/N: MC-BM01_WIFI clip antenna

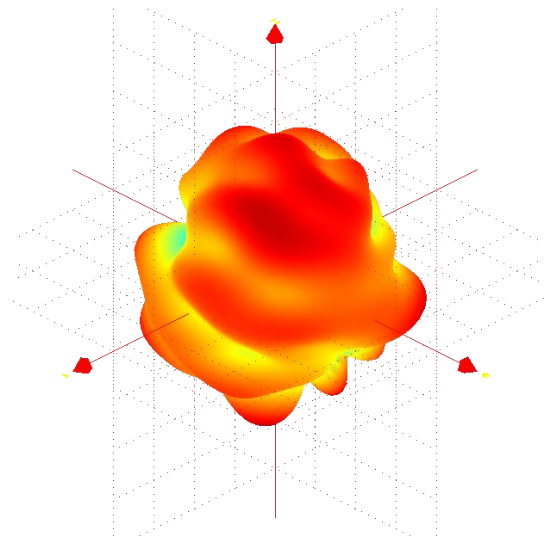
Editor:

Page 6 of 6

3-3 2D/3D Radiation Pattern Results



Legend
— 2400.00(MHz)
— 2450.00(MHz)
— 2500.00(MHz)



ANTENNA SPECIFICATION

CUS P/N: MC-BM01_WIFI clip antenna

Application Date: Oct, 30, 2024

Rev: R:A0

ZTX P/N : MC-BM01_WIFI clip antenna

Editor:

Page 7 of 6
