

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER	Guangzhou Hongding
CS P/N	X22-U2 Security Camera
PART NAME	Wi-Fi Antenna Assembly
FREQUENCY	2400~2500MHZ
CUS NO.	
ZTX NO.	2.00006537
DATE	2024/1/17

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
		Ke Youjie	Lin Yiqing	



Shenzhen ZTX Communication Technology Co., Ltd

Address: No. 34 Shilong Avenue, Shiyao Town, Bao'an District,
Shenzhen (Tenda Industrial Park)

Postal Code: 518000
Fax: 0755-27588045

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

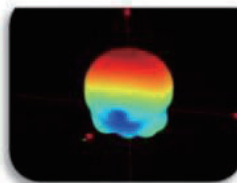
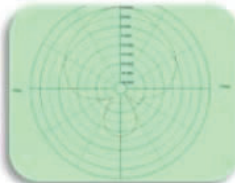
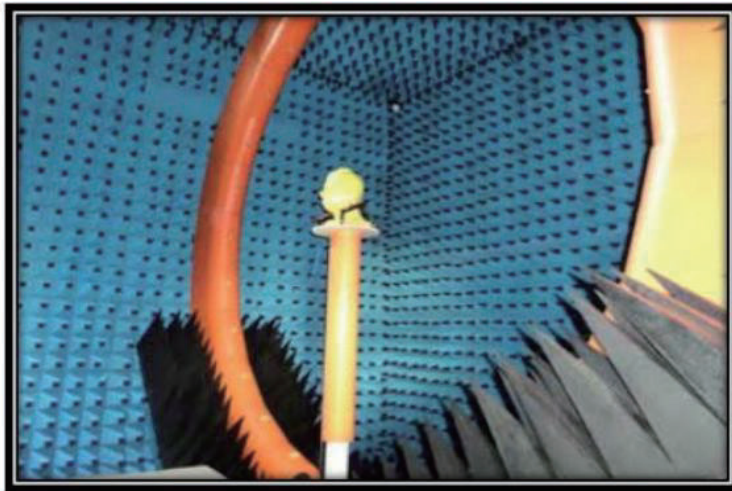
Revision history

Version	Date	Status
A0	2024/1/17	First Edition

Index

Cover	1
Revision history	2
Index	3
1. 2D Drawing.....	4
2. Test equipment	5
3. Electrical Performance Test Report	6~8

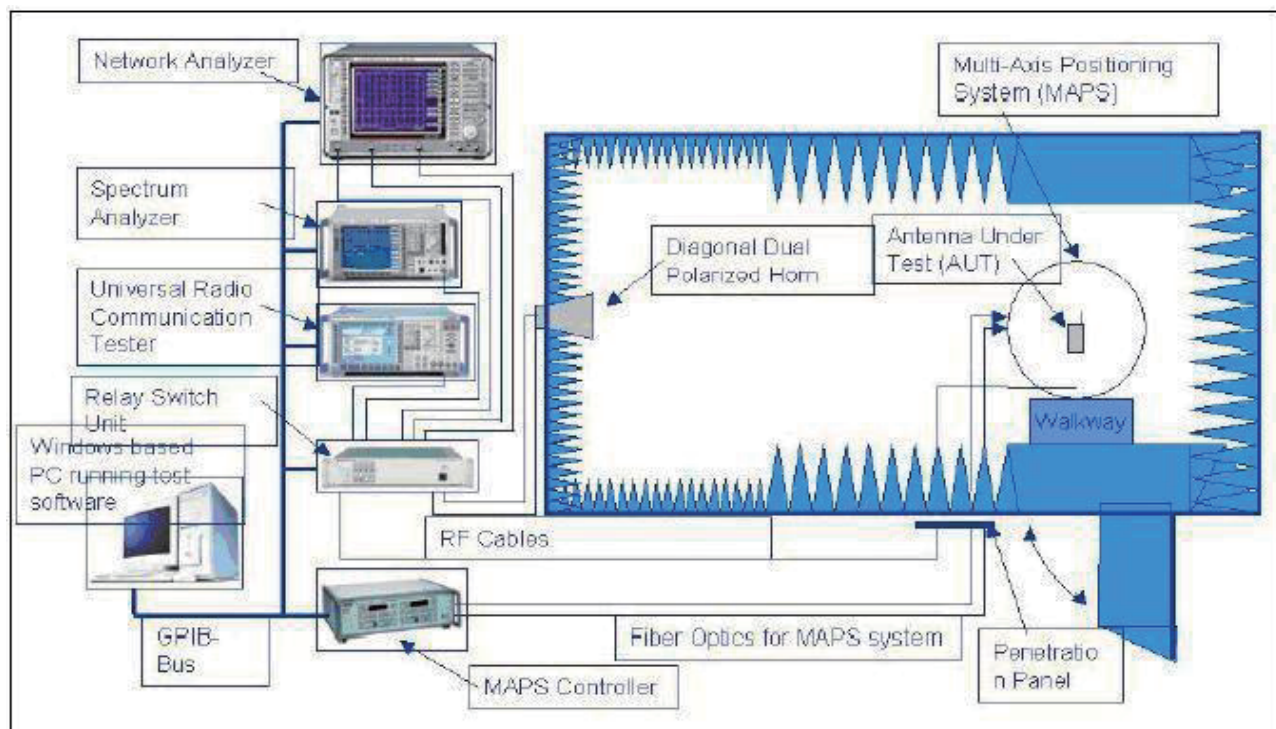
2. Test equipment



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.

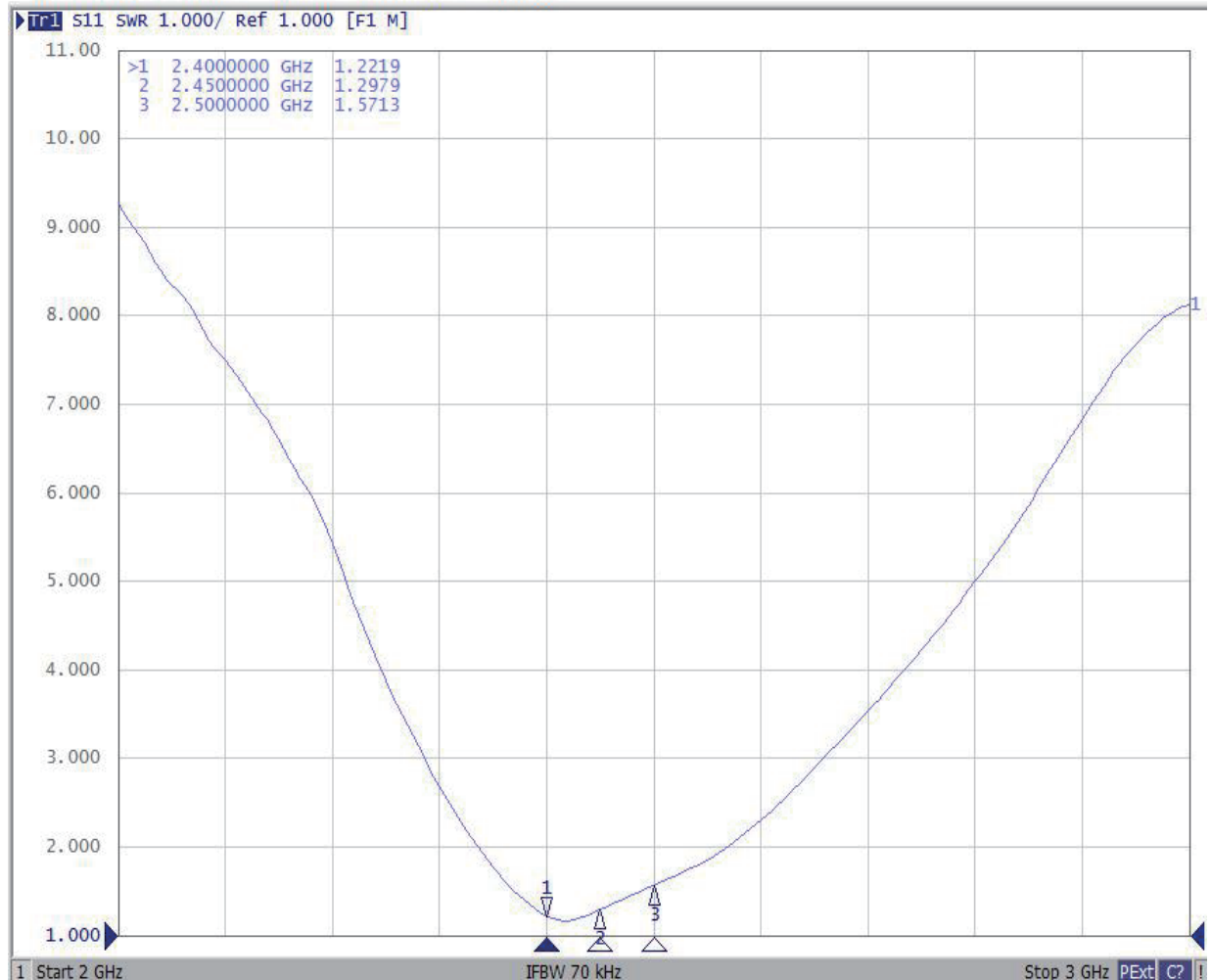


3. Test Results Summary

3-1 VSWR

E5071C Network Analyzer

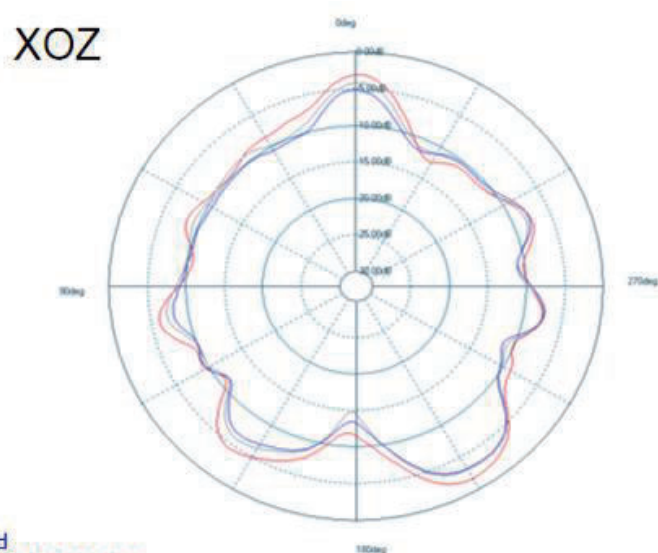
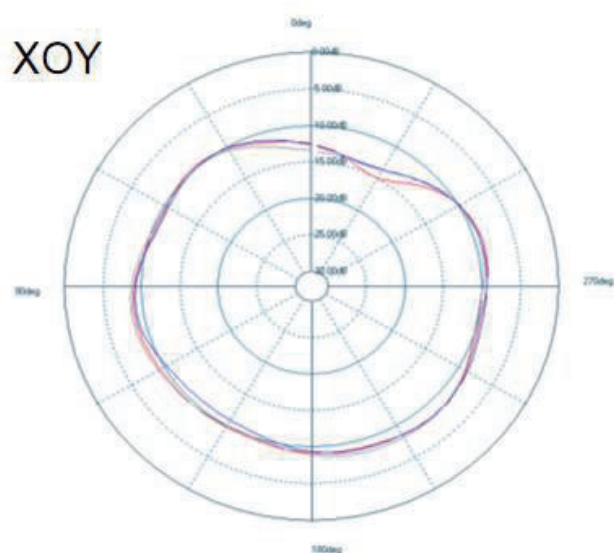
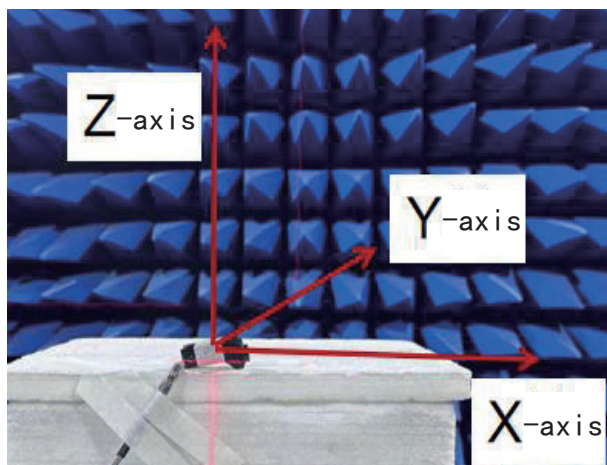
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State



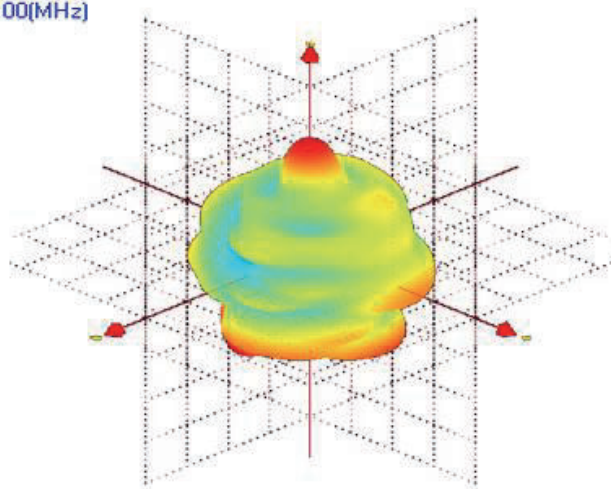
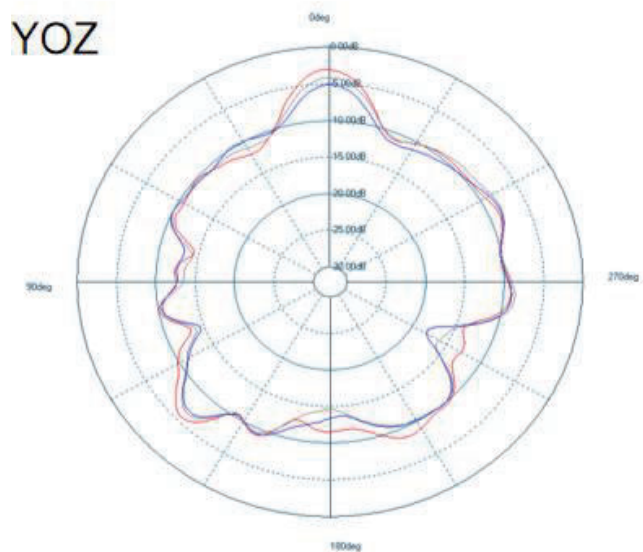
3-2 Passive Test

Frequency (MHz)	Efficiency	Efficiency. dB	Gain . dB
2400	13%	-8.96	-1.59
2410	12%	-9.13	-1.95
2420	12%	-9.18	-2.23
2430	12%	-9.23	-2.52
2440	11%	-9.43	-2.73
2450	11%	-9.48	-2.74
2460	11%	-9.76	-2.78
2470	11%	-9.62	-2.92
2480	11%	-9.68	-2.92
2490	11%	-9.78	-2.86
2500	11%	-9.74	-2.69

3-3 2D/3D Radiation Pattern Results



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



3-4 Environment treatment

