

SPECIFICATION

SHEET FOR APPROVAL


(Revision: R: A0)

CUSTOMER	Hesung Innovation Limited
CS P/N	DR-HPF005S Floor Circulating Fan
PART NAME	WIFI Antenna
FREQUENCY	2400~2500MHz
ZTX NO.	2.00006419
DATE	2023-11-17

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
		Zou Yilin	Wang Pei	



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ANTENNA SPECIFICATION

CUS P/N :DR-HPF005S Floor Circulating Fan WIFI Antenna ApplicationDate:Nov,17,2023

Rev: R:A0

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Revision history

Edition	Date	state
A0	2023-11-17	First edition

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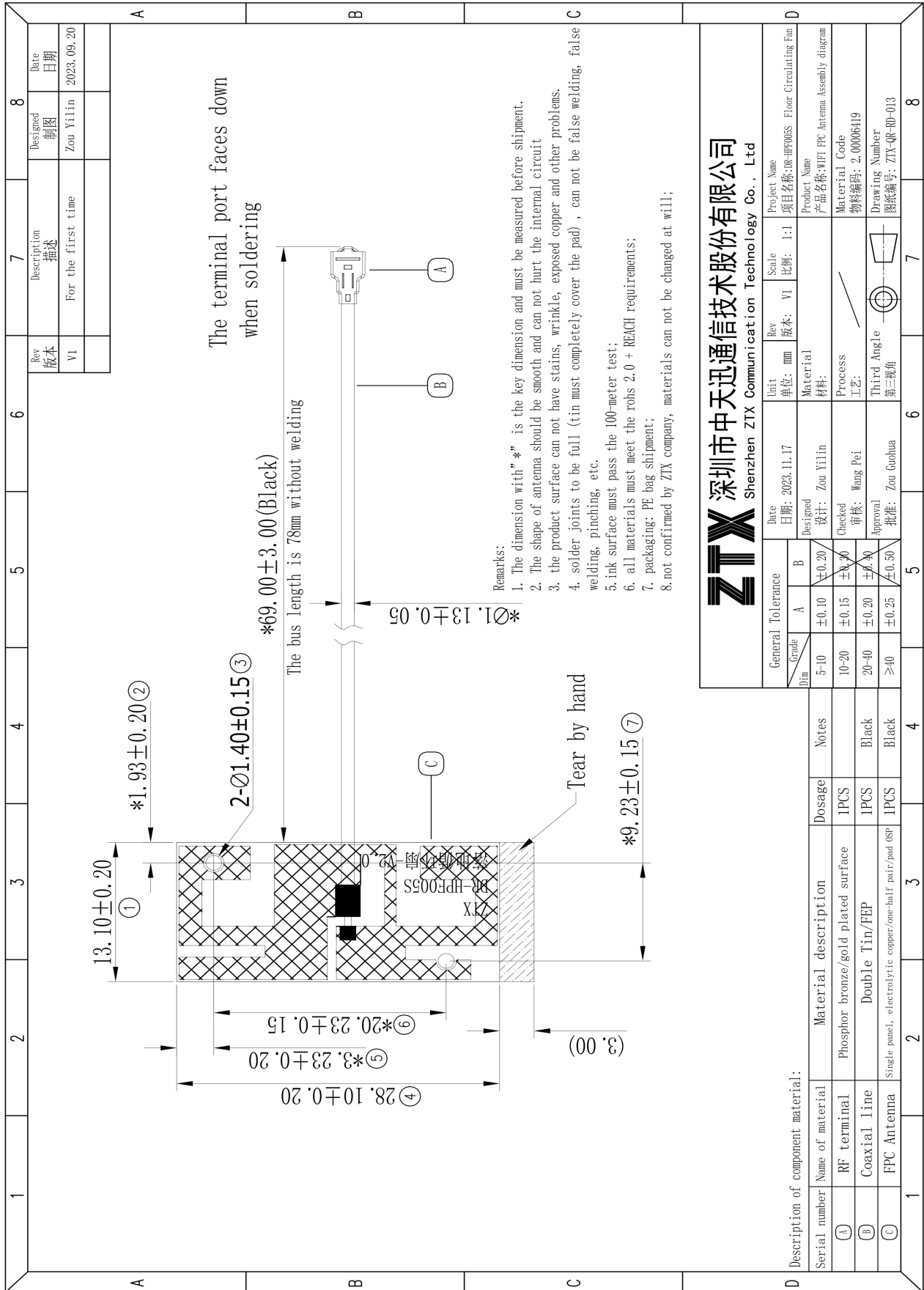
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1. Mechanical Specification

1-1 Mechanical Configuration (WIFI Antenna)



ZTX 深圳市中天迅通信科技股份有限公司
Shenzhen ZTX Communication Technology Co., Ltd

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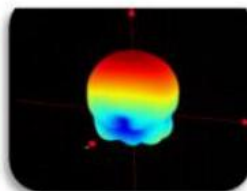
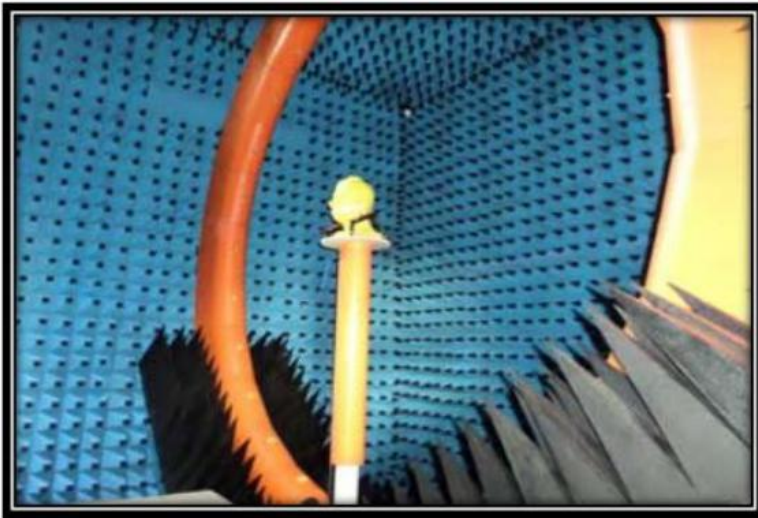
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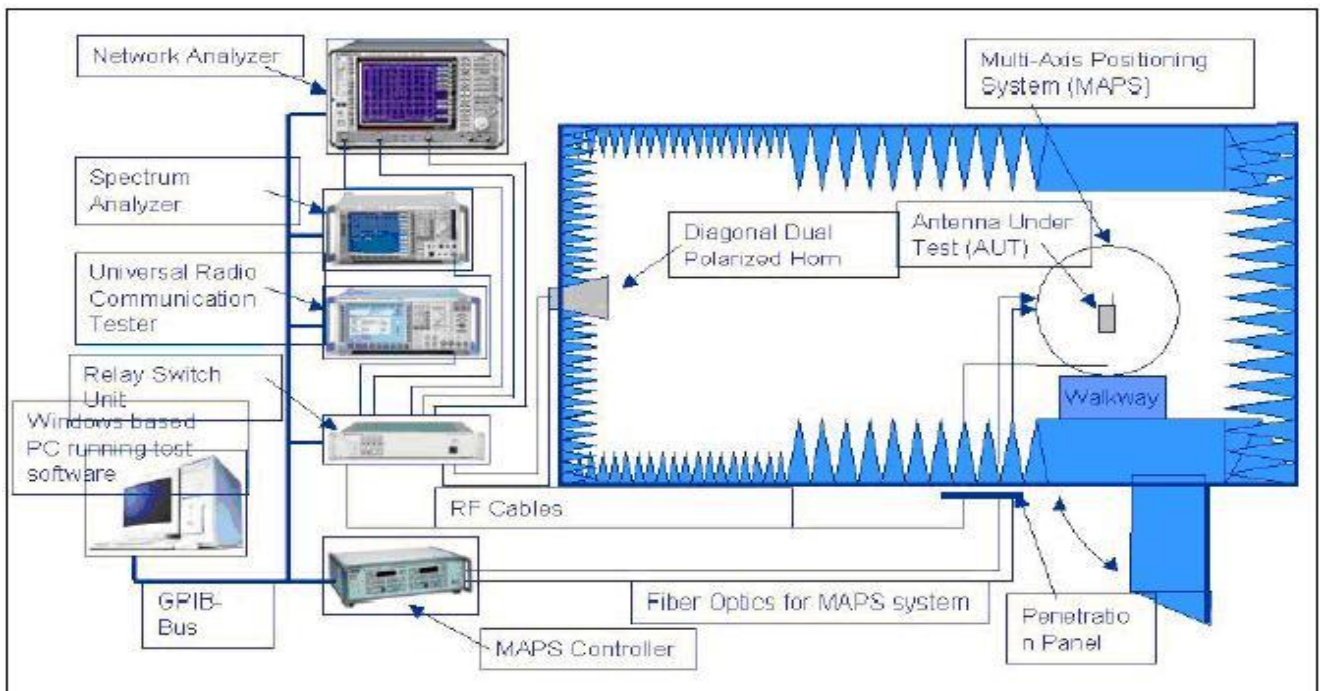
2. Test equipment



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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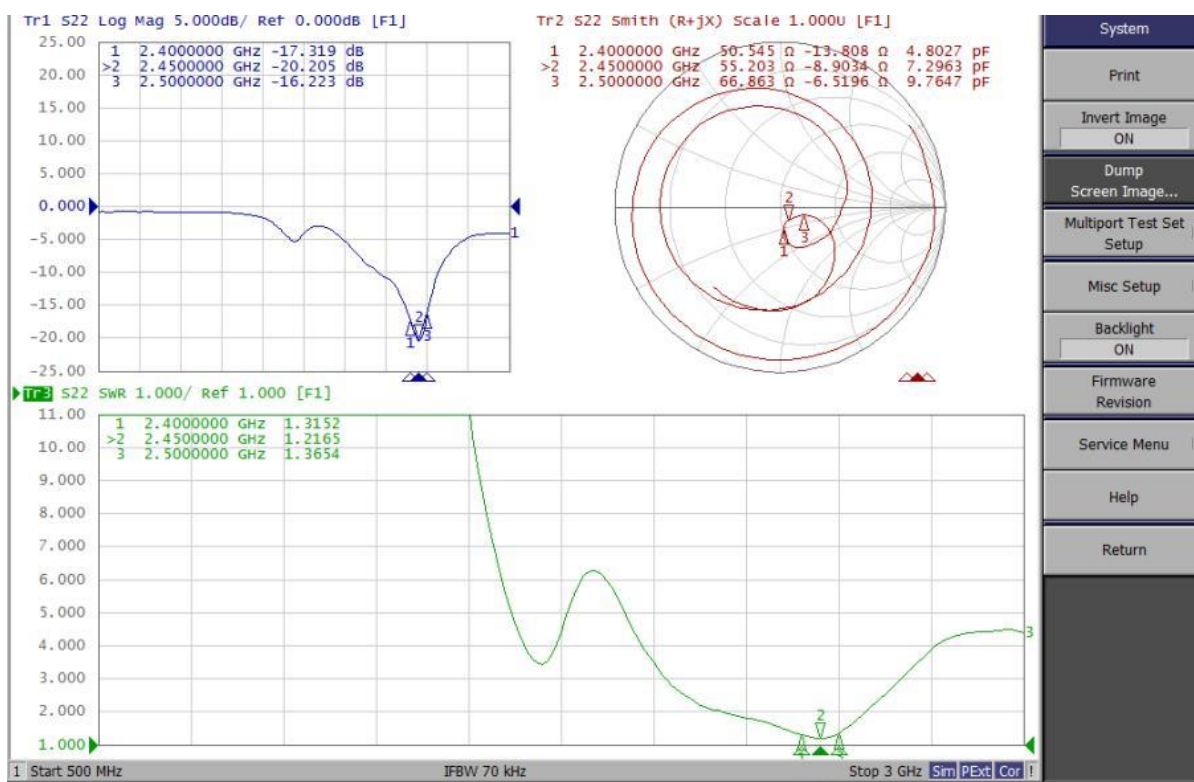
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3.Test Results Summary

3-1 Active Test

B	TRP	TIS		G	TRP	TIS		N	TRP	TIS
1	15.51	-84.4		1	12.66	-70.2		1	12.58	-64.7
6	15.23	-84		6	12.08	-70		6	12.11	-64.6
11	15.46	-84.6		11	12.51	-70.4		11	12.45	-64.8

3-2 VSWR



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3-3 No-source test data

Fre	Effi	Effi . dB	Gain.dBi
2400	62%	-2.11	3.04
2410	61%	-2.17	3.01
2420	60%	-2.19	3.05
2430	66%	-1.83	3.56
2440	66%	-1.83	3.70
2450	65%	-1.85	3.69
2460	62%	-2.06	3.41
2470	61%	-2.13	3.49
2480	63%	-1.99	3.69
2490	61%	-2.12	3.50
2500	66%	-1.82	3.90