SPECIFICATION

SHEET FOR APPROVAL

（Revision：R：A0）

	CUSTOMER	和生创新	
	CS P/N		
	TEST MODEL	HTF028S	
	PART NAME	WIFI antenna assembly	
	FREQUENCY	2400-2500MHz	
	ZTX NO.	2.00006416	
	DATE	2026-07-08	

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
		Youjie.Ke	Xaingrong.Zhou	

深圳市中天迅通信技术股份有限公司 2026.07.08 研发专用章

ZTX 中天迅

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Revision history

Edition	Date	state
A0	2026-07-08	First edition

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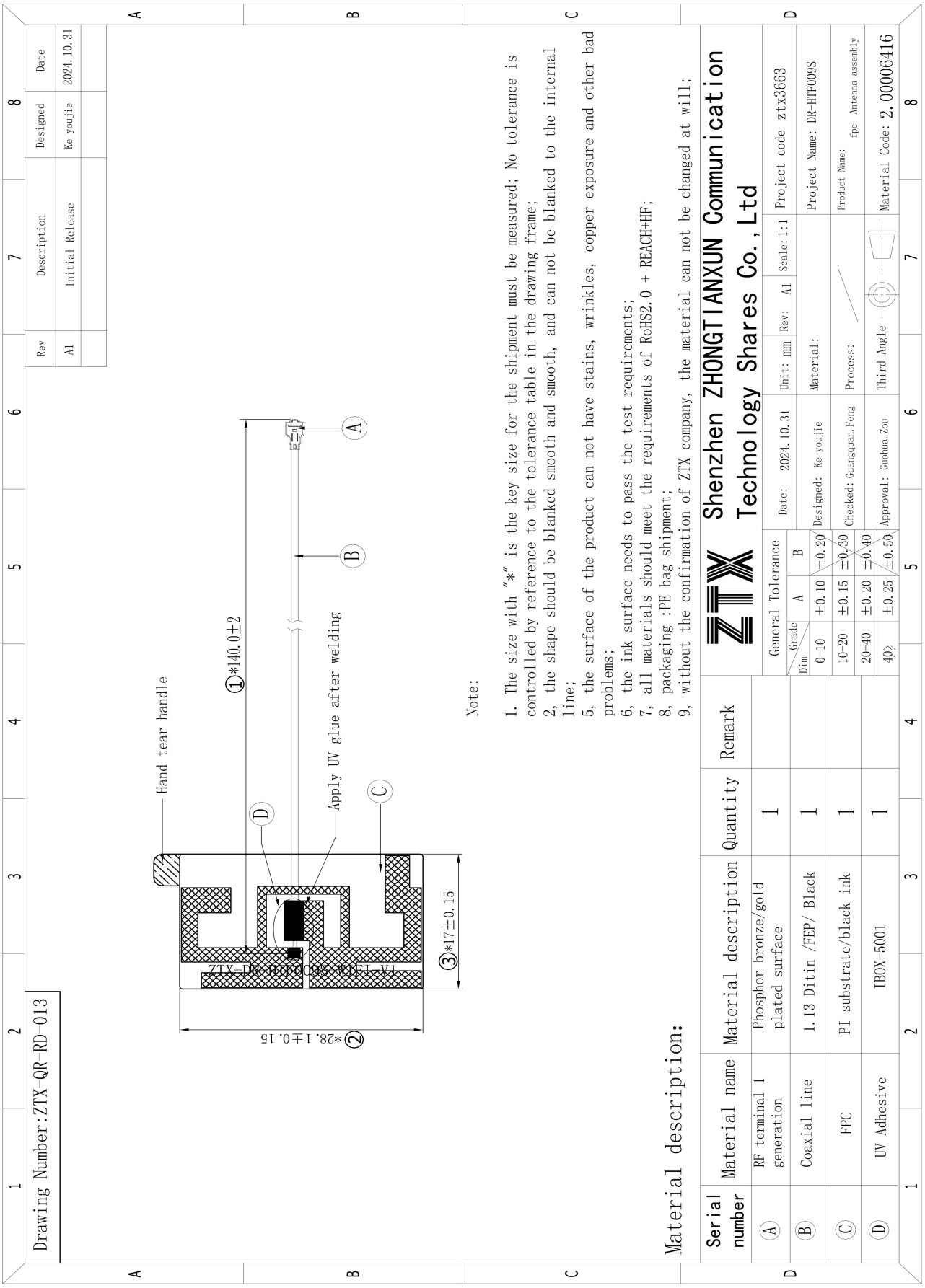
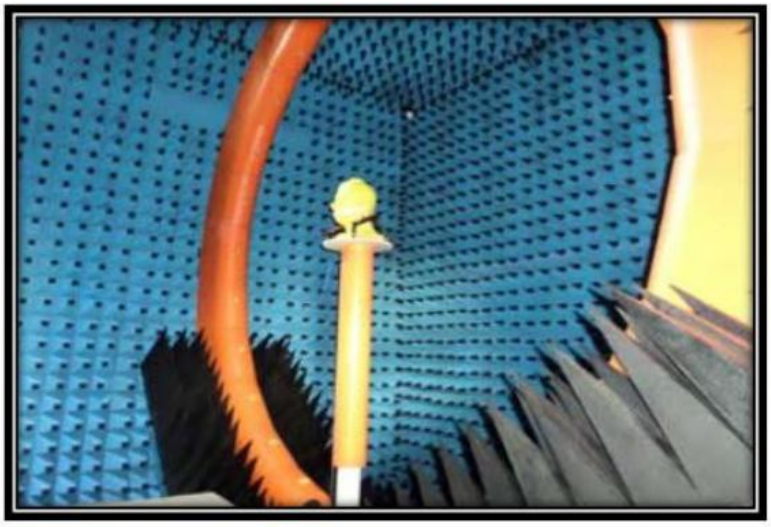
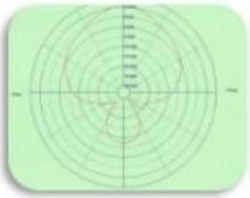
1. Mechanical Specification

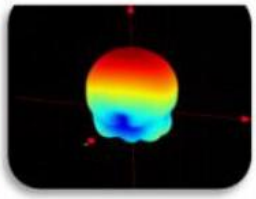
1-1 Mechanical Configuration(WIFI antenna assembly)



2. Test equipment



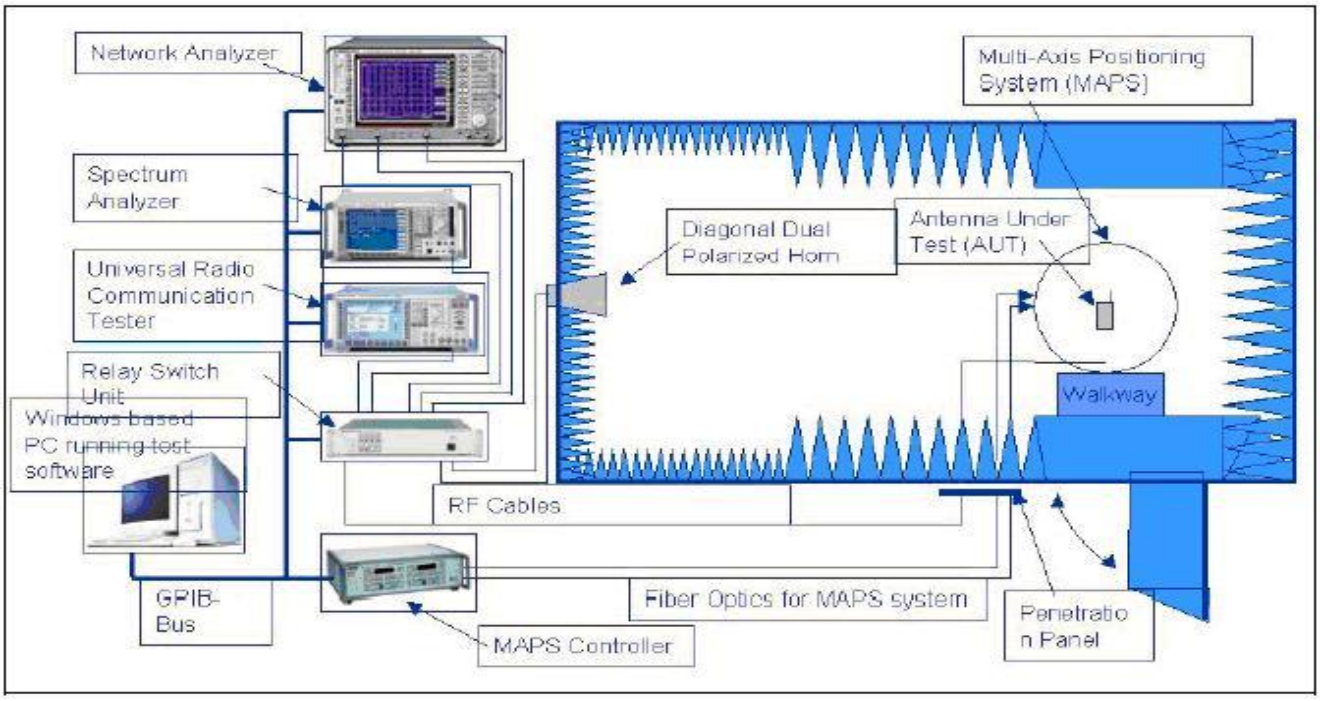




Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems（one in SHENZHEN, another one in Shanghai）, ETS OTA Standard test system，Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide 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 within0.4-6G.

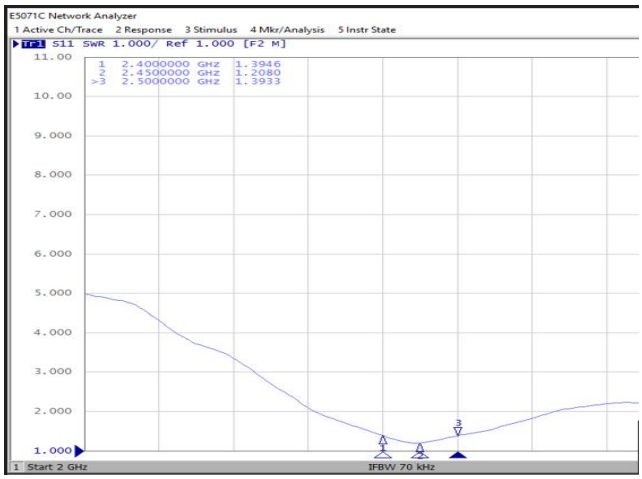


3.Test Results Summary

3-1 Active test

Mode	Channels	TRP	TIS
B (11M/11M)	1	16.58	-84.25
	6	16.95	-84.15
	11	16.73	-84.09
G (6M/54M)	1	15.21	-71.51
	6	15.33	-71.22
	11	15.26	-71.04
N (MCS0/MCS7)	1	14.55	-68.01
	6	14.98	-68.12
	11	14.72	-68.07

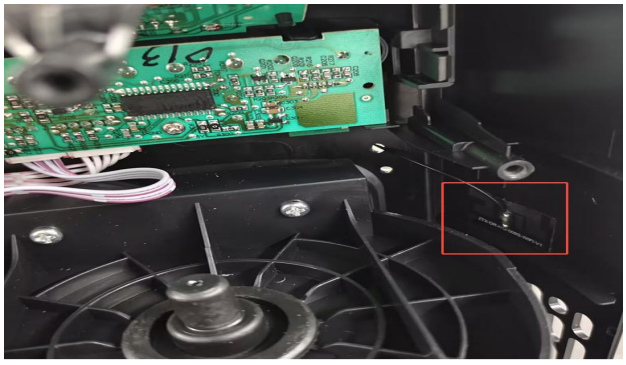
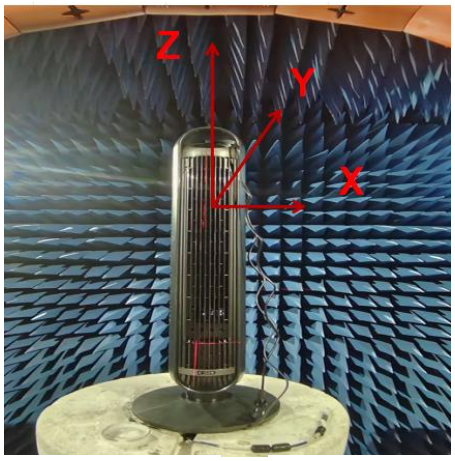
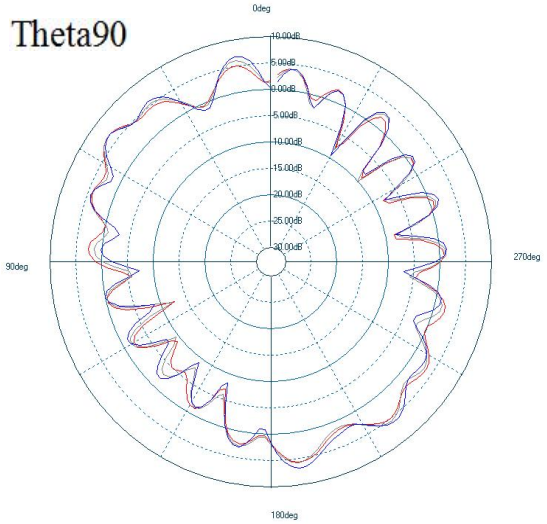
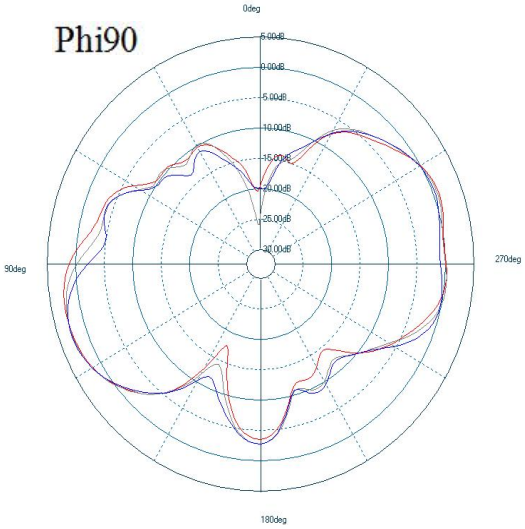
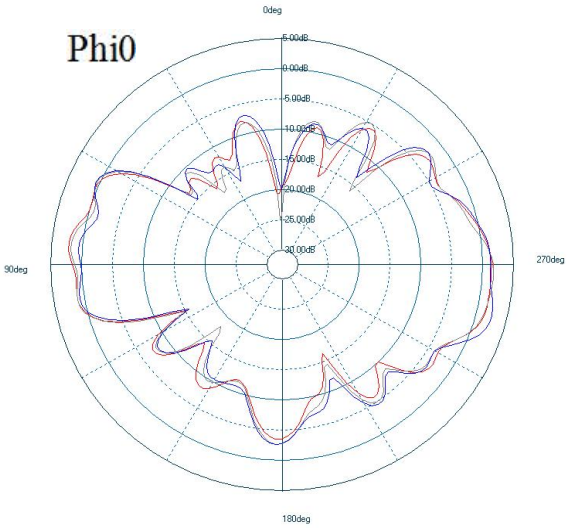
3-2 S11



3-3 Passive test

Frequency(MHz)	Efficiency	Efficiency . dB	Gain . dB
2400	66%	-1.80	6.66
2410	65%	-1.84	6.68
2420	68%	-1.69	6.91
2430	68%	-1.68	7.05
2440	69%	-1.63	7.28
2450	67%	-1.77	7.31
2460	66%	-1.83	7.43
2470	66%	-1.80	7.47
2480	65%	-1.88	7.51
2490	66%	-1.80	7.66
2500	68%	-1.69	7.91

3-4 Environmental treatment



3-5 2D Radiation Pattern Results