

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER(客户名称)	惠州市博实结科技有限公司
CS P/N(客户机种)	NOVA Camera
PART NAME(品名)	WIFI天线组件
FREQUENCY(频率)	2400~2500/5150~5850MHz
CUS NO.(客户编号)	1301-01422
ZTX NO.(物料编号)	2.00001753
DATE(日期)	2025/4/15

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章):

Shenzhen ZTX Communication Technology Co., Ltd				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		覃乐	冯家能	



Shenzhen ZTX Communication Technology Co., Ltd

地址: 深圳市宝安区石岩镇石龙大道34号(腾达工业园)

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Revision history

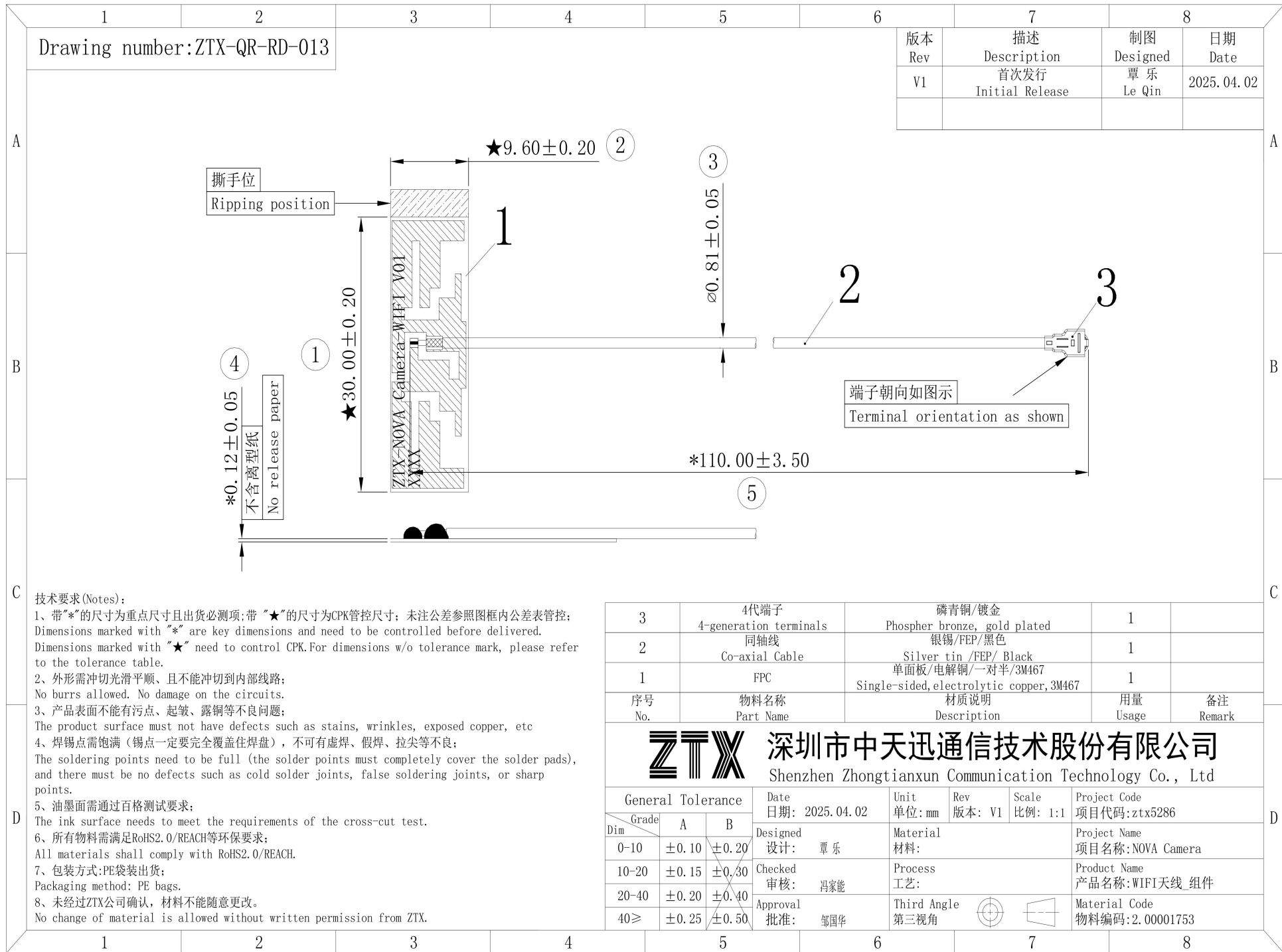
版本	日期	状态
A0	2025/4/15	初版

供应商信息

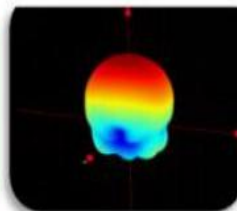
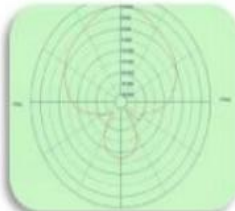
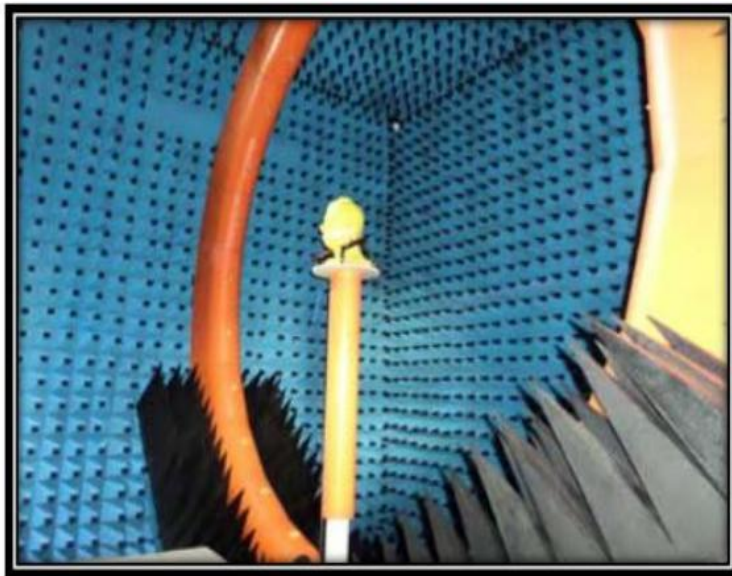
供应商名称:	深圳市中天迅通信科技股份有限公司
供应商地址:	深圳市宝安区石岩镇石龙大道34号
Supplier Address :	No. 34, Shilong Avenue, Shiyan Town, Bao'an District, Shenzhen
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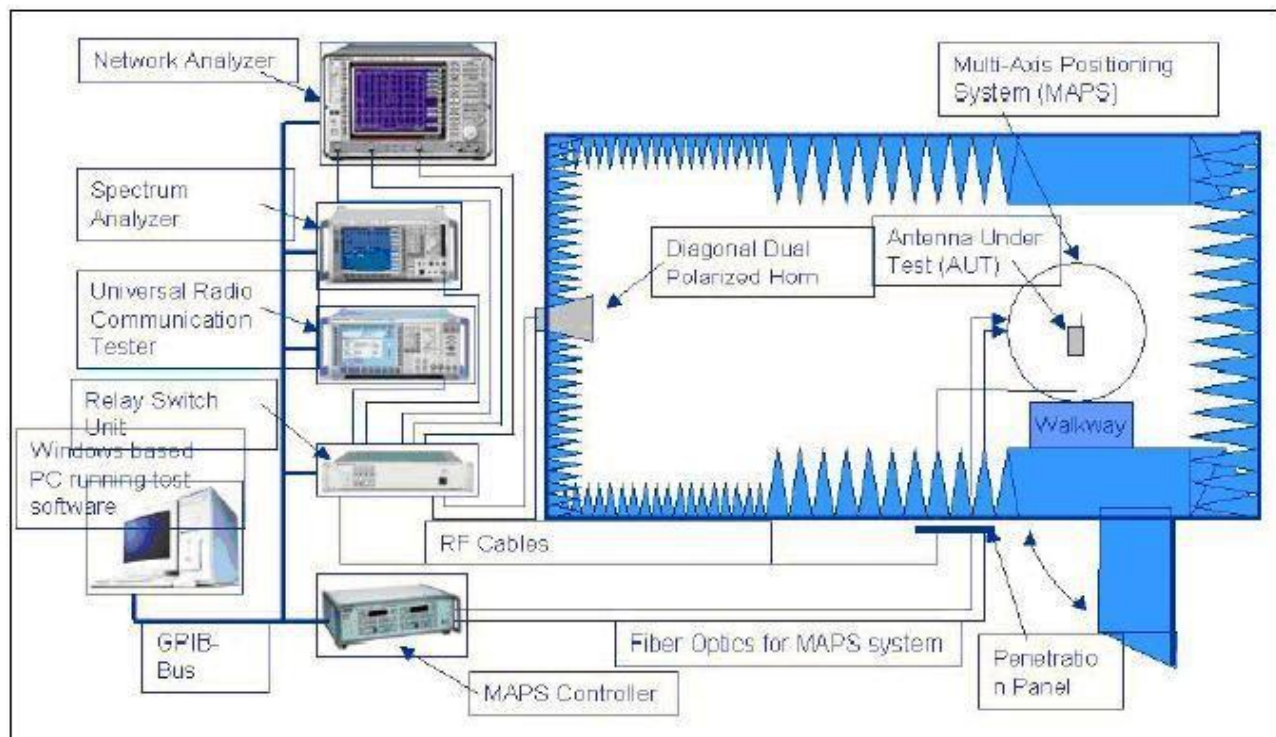
2. Test equipment



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.



3. Test Results Summary

3-1 Antenna parameters

Frequency Range(MHz)	2400-2500	5150-5875
VSWR	<2.0:1	<2.0:1
Average Efficiency	80%	80%
Peak Gain	2.5dBi	7.0dBi
Average Gain	-1.8dB	0.1dB
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	30 mmx9.5 mmx 0.2 mm	
Weight	<0.7 g	
Mounting	Adhesive Tape	
Mating Connector	MHF and MHF4-type,Refer to page 5	
Cable(Coaxial)	0.81mm and 1.13mm Dia.,Refer to page 5	
Operating Temperature	-40 to+85°C	
Storage Temperature	-40 to+85°C	
Hazardous Materials	A certificate of conformance is available from the product page on TE website.	

3-2 S11



3-3 2D/3D Radiation Pattern Results

