

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER(客户名称)	Anker	
CS P/N(客户机种)	T8416	T84X
PART NAME(品名)	WIFI Antenna	
FREQUENCY(频率)	2.4-2.5GHz/5.15~5.85GHz	
ANTENNA MANUFACTURER (天线制造商)	Shenzhen ZTX Communication Technology Co., Ltd	
ZTX NO.(物料编号)	2.00005876	
DATE(日期)	2023-03-31	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章): _____

MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
2023.03.31		Qin le	Chang ming li	

研发专用章

ZTX 中天迅

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ANTENNA SPECIFICATION

CUS P/N :T8416 WIFI Antenna
ZTX P/N :T8416 WIFI Antenna

ApplicationDate:Mar,31,2023
Editor:

Rev: R:A0
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Revision history

Edition	Date	State
A0	2023-03-31	editio princeps

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ANTENNA SPECIFICATION

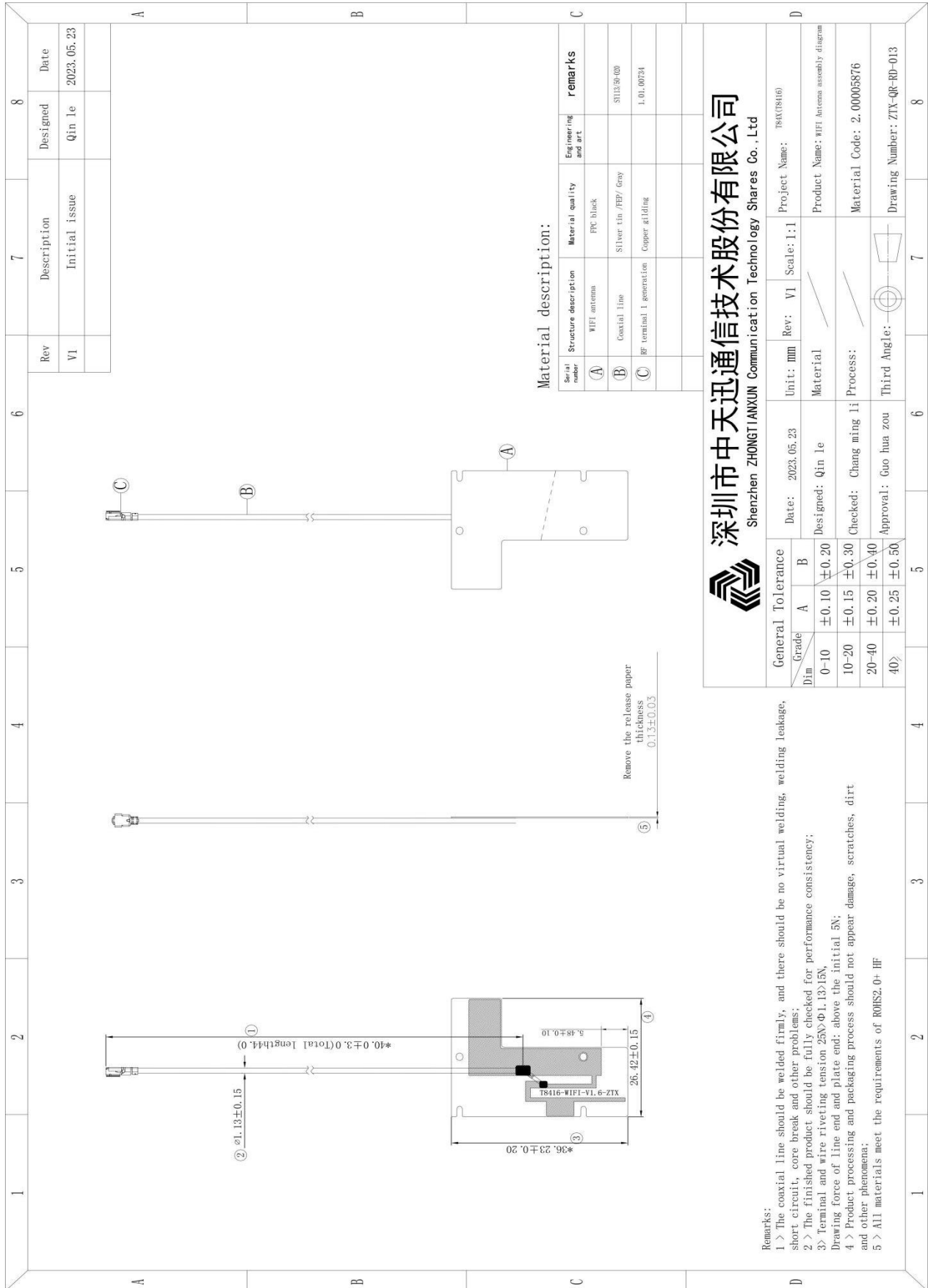
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1. Mechanical Specification

1-1 Mechanical Configuration (T8416 WIFI Antenna)



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

Date: 2023.05.23	Unit: mm	Rev: VI	Scale: 1:1	Project Name: T8416(8416)
Designed: Qin le	Material			Product Name: WIFI antenna assembly diagram
Checked: Chang ming li	Process:			Material Code: 2.00005876
Approval: Guo hua zou	Third Angle:			Drawing Number: ZTX-QR-RD-013

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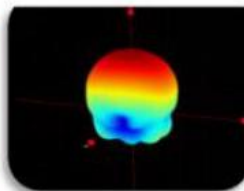
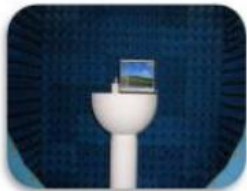
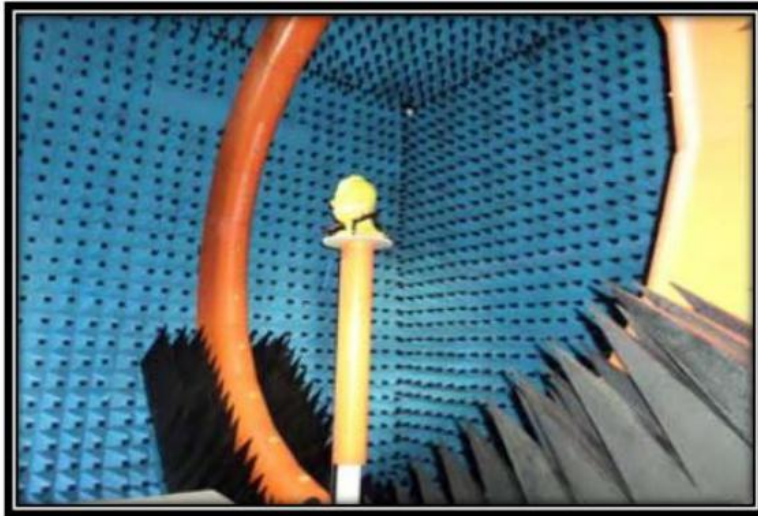
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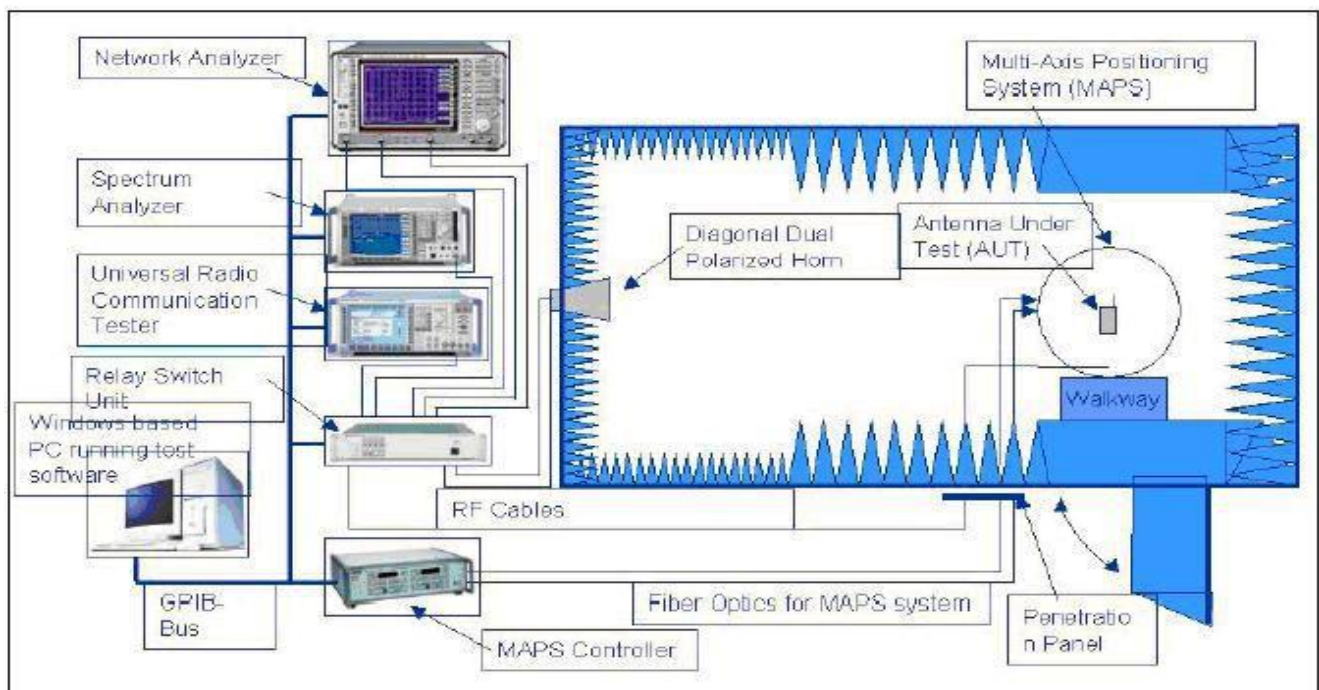
2.Test equipment



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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3.Test Results Summary

3-1 Active Test

WIFI B	Channels	TRP	TIS	WIFI A	Channels	TRP	TIS
1	2.412 GHz	17.59	-82.11	36	5.18 GHz	14.38	-70.11
6	2.437 GHz	17.17	-82.99	149	5.745 GHz	14.27	-71.34
13	2.452 GHz	17.09	-82.57	165	5.825 GHz	12.45	-71.84

3-2 Passive Test

Frequency	Efficiency	Gain . dBi	Frequency	Efficiency	Gain . dBi
2.40E+09	60%	3.49	5.15E+09	50%	1.77
2.41E+09	59%	3.60	5.20E+09	50%	1.86
2.42E+09	58%	3.50	5.25E+09	51%	2.03
2.43E+09	58%	3.53	5.30E+09	52%	2.56
2.44E+09	57%	3.42	5.35E+09	53%	2.75
2.45E+09	58%	3.25	5.40E+09	51%	2.13
2.46E+09	57%	3.22	5.45E+09	52%	1.95
2.47E+09	53%	2.96	5.50E+09	52%	1.87
2.48E+09	55%	3.11	5.55E+09	51%	1.27
2.49E+09	53%	3.01	5.60E+09	48%	0.58
2.50E+09	55%	3.38	5.65E+09	50%	0.80
			5.70E+09	50%	1.57
			5.75E+09	50%	1.24
			5.80E+09	51%	1.26
			5.85E+09	55%	1.73