

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER(客户名称)	Anker	
CS P/N(客户机种)	T8520P	TC8520
PART NAME(品名)	BT天线	
FREQUENCY(频率)	2.4-2.5GHz	
ANTENNA MANUFACTURER (天线制造商)	深圳市中天迅通信技术股份有限公司	
ZTX NO.(物料编号)		
DATE(日期)	2023-04-23	

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
2023.04.23 研发专用章		陈斌	李昌明	



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ANTENNA SPECIFICATION

CUS P/N :ZXT-T8520P BT天线

ApplicationDate:Apr,23,2023

Rev: R:A0

ZTX P/N :ZXT-T8520P BT天线

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Revision history

版本	日期	状态
A0	2023-04-23	初版

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ANTENNA SPECIFICATION

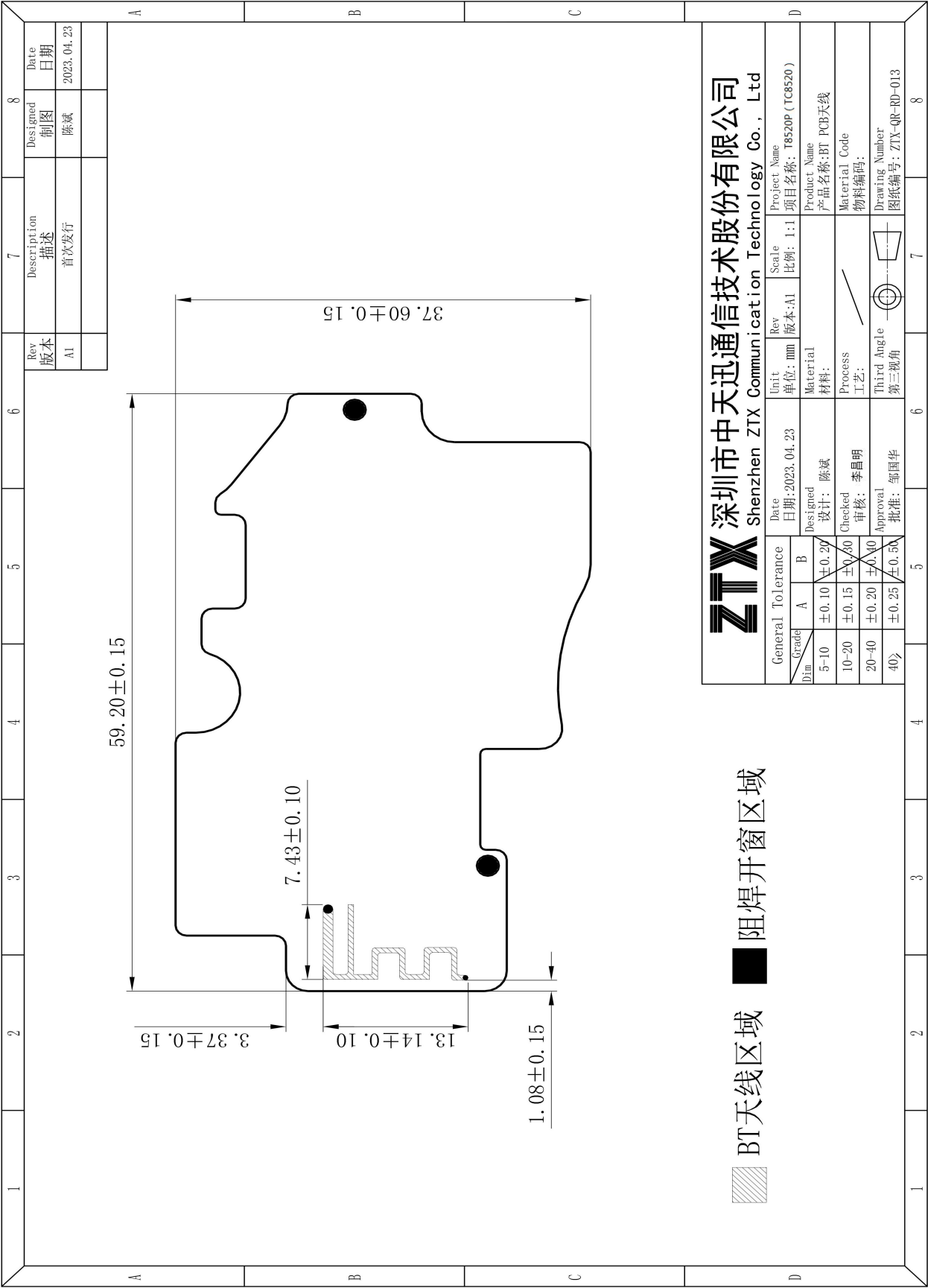
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1. Mechanical Specification

1-1 Mechanical Configuration (T8520P BT天线)



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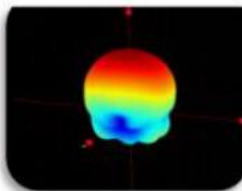
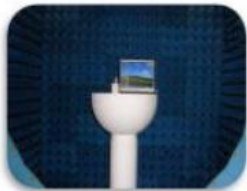
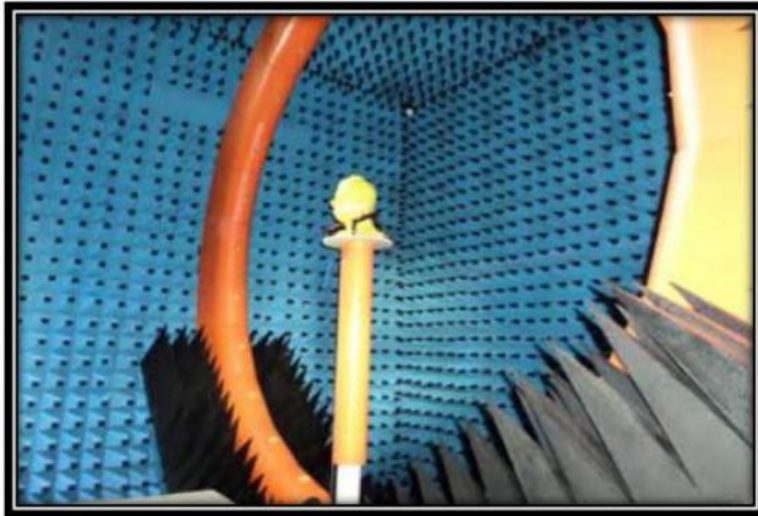
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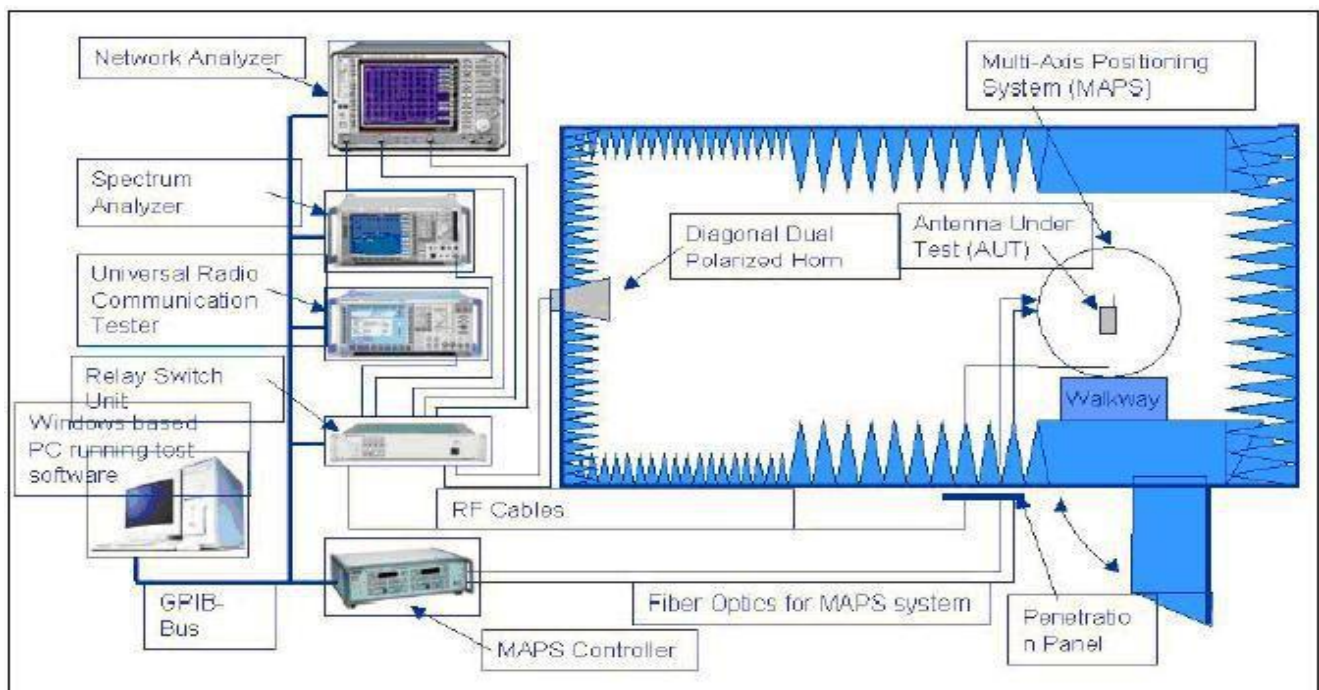
2.Test equipment



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 within0.4-6G.



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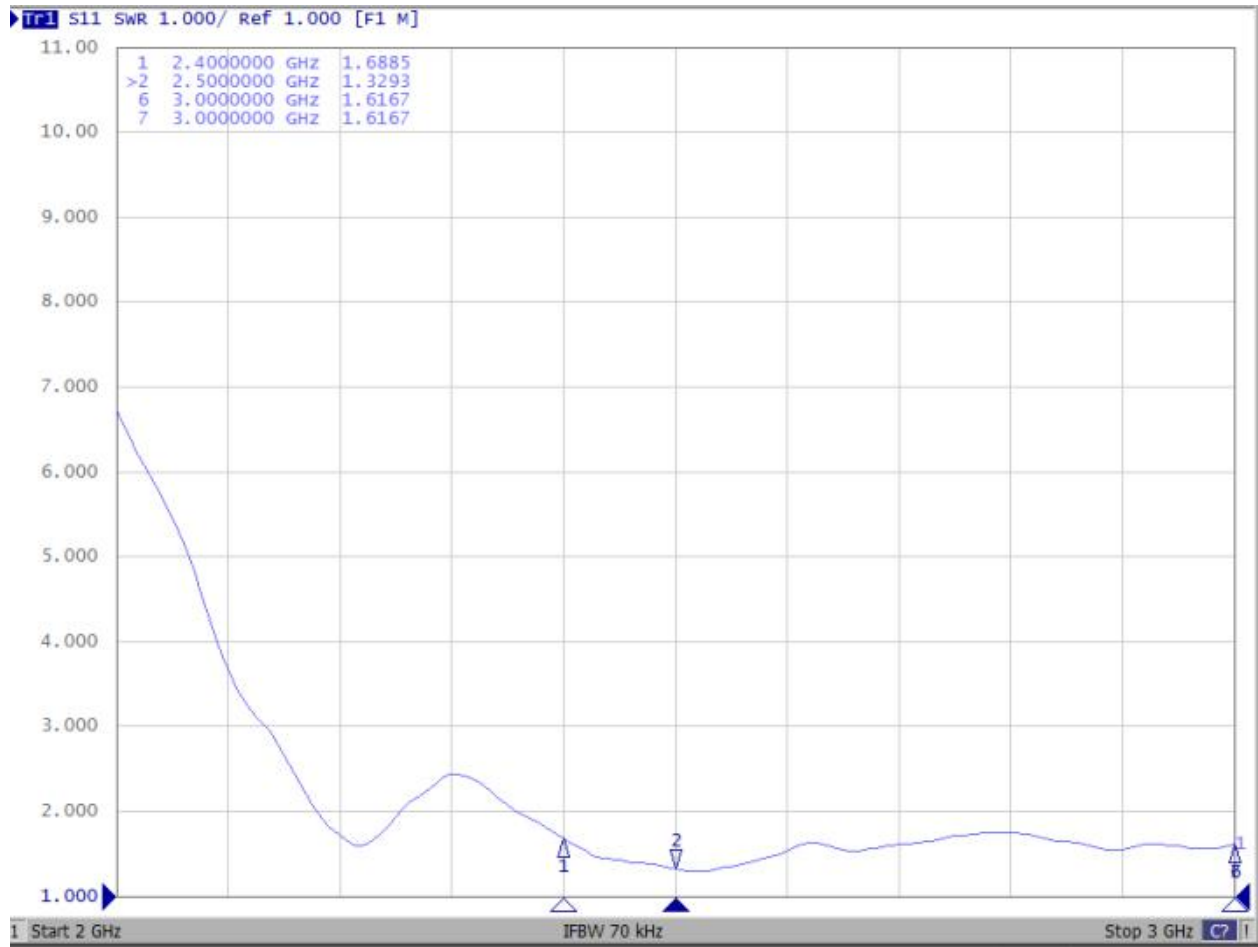
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3.Test Results Summary

3-1 VSWR



3-2 Passive Test

Frequency	Efficiency	Efficiency dB	Gain dB
2.4E+09	45%	-3.4	3.2
2.41E+09	48%	-3.2	3.6
2.42E+09	48%	-3.2	3.9
2.43E+09	50%	-3.1	4.2
2.44E+09	48%	-3.2	4.2
2.45E+09	49%	-3.1	4.4
2.46E+09	50%	-3.0	4.0
2.47E+09	49%	-3.1	4.0
2.48E+09	51%	-3.0	4.3
2.49E+09	51%	-2.9	4.6
2.5E+09	53%	-2.8	4.6

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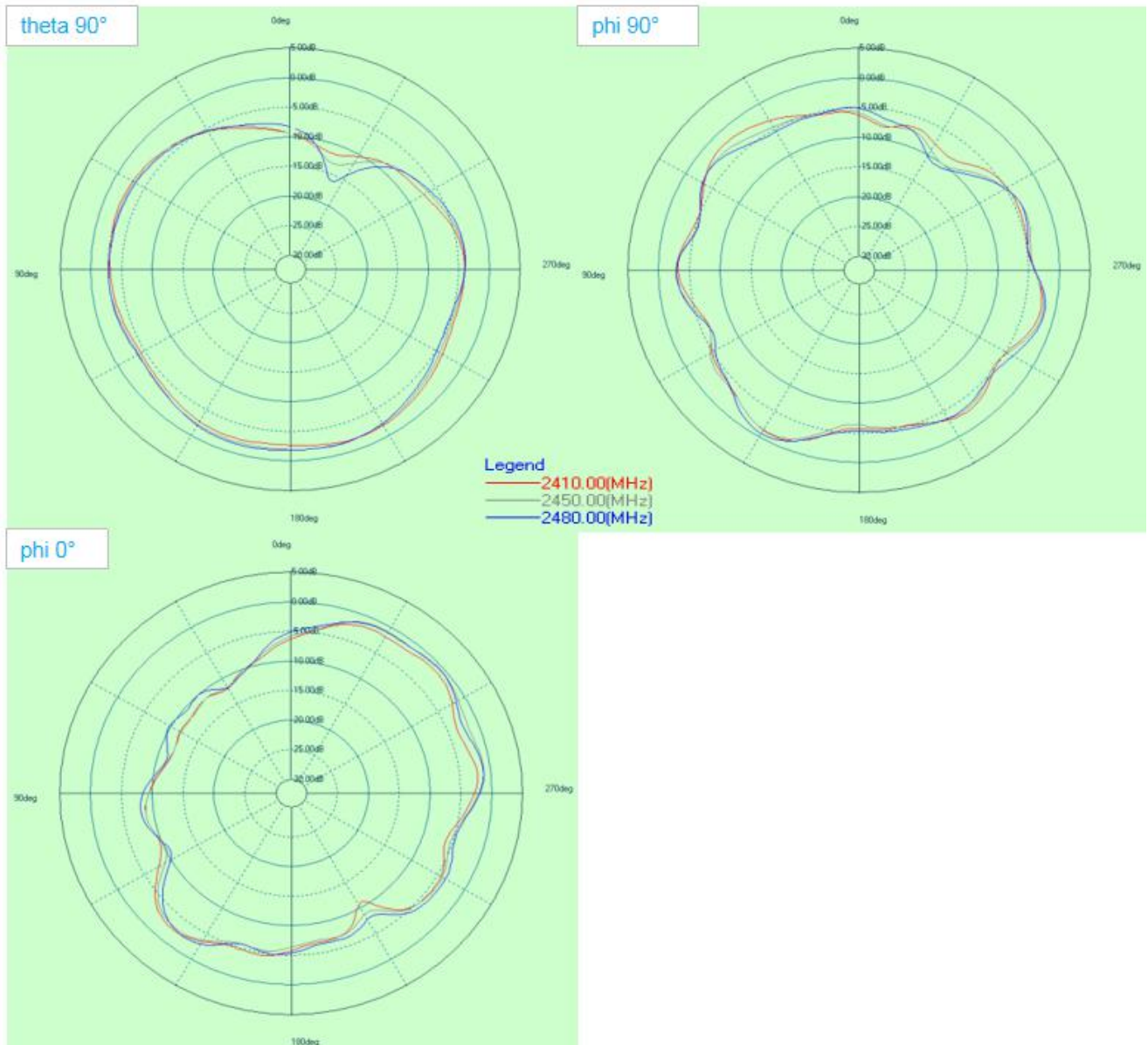
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3-3 2D/3D Radiation Pattern Results



5-5 Environment treatment

