

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER	Anker
CS P/N	T8707
PART NAME	Sub-1G antenna assembly
FREQUENCY	863~928MHz
CUS NO.	
ZTX NO.	2.00001718
DATE	2025-05-07

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
		Le.Qin	Yiqing.Lin	



Shenzhen ZTX Communication Technology Co., Ltd

Address: No.34, Shilong Avenue, Shiyuan Town, Baoan District, Shenzhen, (Tengda Industrial Park) 518000

Tel.: 0755-27588320 Fax: 0755-27588045 <http://www.chinaztx.com>

ANTENNA SPECIFICATION

CUS P/N:T8707_Sub-1G antenna assembly
ZTX P/N :T8707_Sub-1G antenna assembly

Application Date:May,07,2025
Editor:

Rev: R:A0
Page 1 of 6

Revision history

Edition	Date	state
A0	2025-05-07	First edition

ANTENNA SPECIFICATION

CUS P/N:T8707_Sub-1G antenna assembly
ZTX P/N :T8707_Sub-1G antenna assembly

Application Date:May,07,2025
Editor:

Rev: R:A0
Page 2 of 6

Index

		Revision history	1
		Index	2
1		Mechanical Specification	3
	1-1	Mechanical Specification (Sub-1G antenna assembly)	3
2		Test equipment	4
3		Test Results Summary	5
	3-1	S11	5
	3-2	No-source test data	5
	3-3	2D/3D Radiation Pattern Results	6

ANTENNA SPECIFICATION

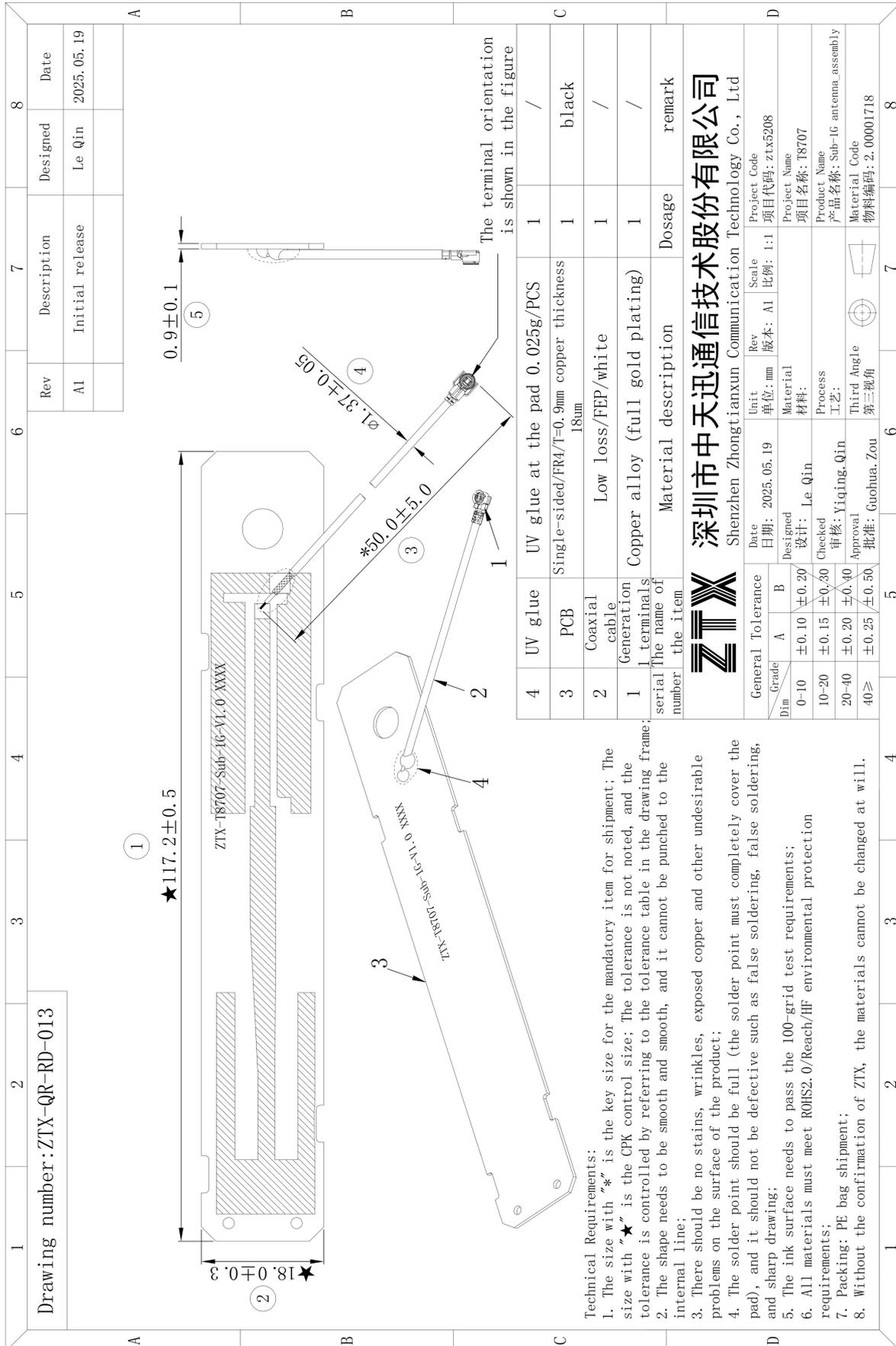
CUS P/N:T8707_Sub-1G antenna assembly
ZTX P/N :T8707_Sub-1G antenna assembly

Application Date:May,07,2025
Editor:

Rev: R:A0
Page 3 of 6

1. Mechanical Specification

1-1 Mechanical Configuration (Sub-1G antenna assembly)



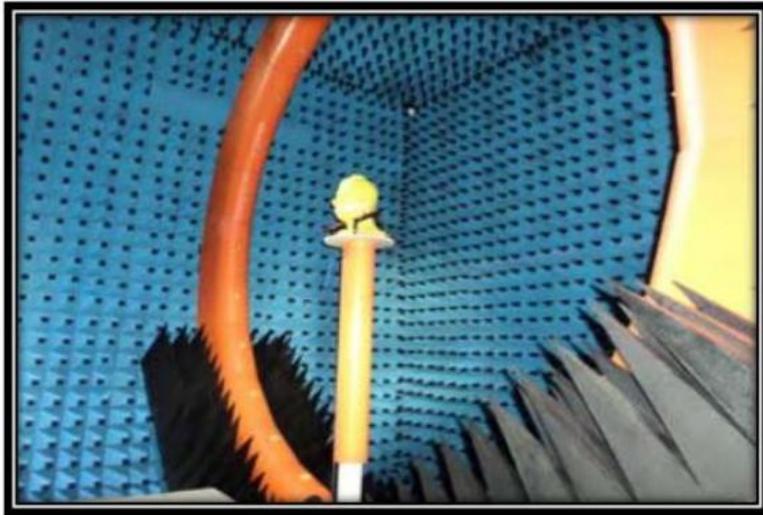
ANTENNA SPECIFICATION

CUS P/N:T8707_Sub-1G antenna assembly
ZTX P/N :T8707_Sub-1G antenna assembly

Application Date:May,07,2025
Editor:

Rev: R:A0
Page 4 of 6

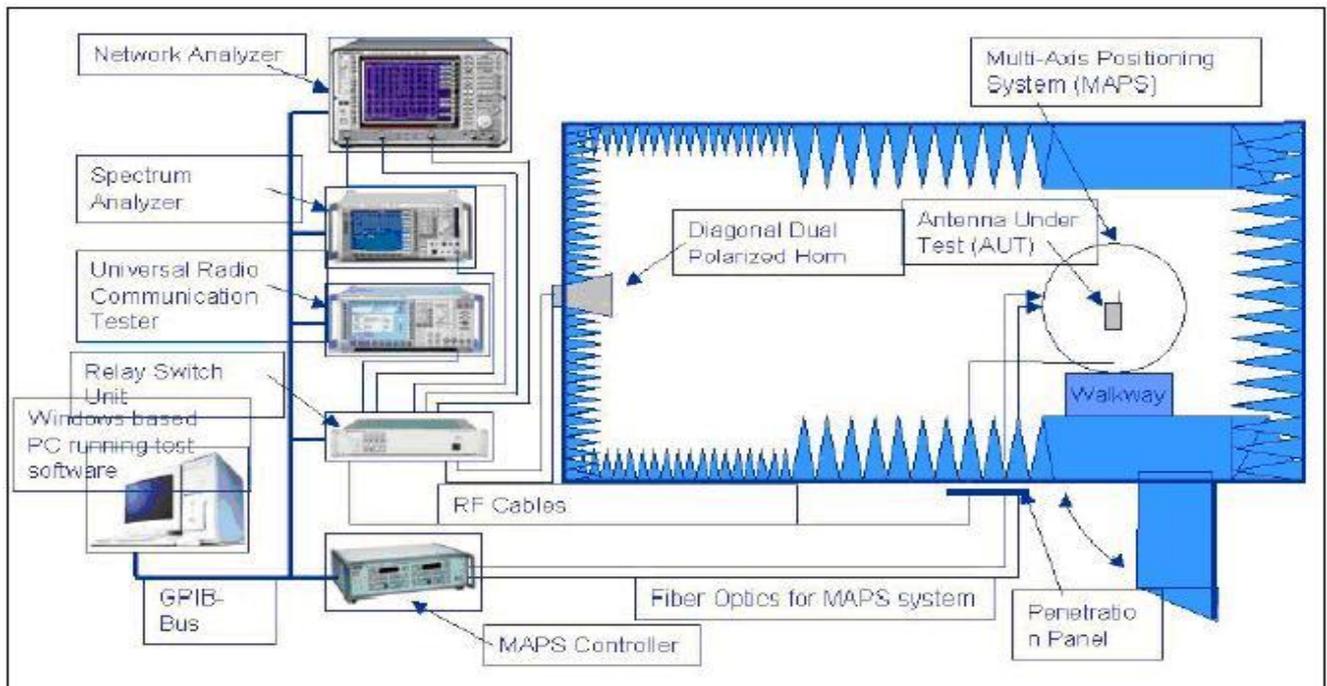
2. Test equipment



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.



ANTENNA SPECIFICATION

CUS P/N:T8707_Sub-1G antenna assembly
ZTX P/N :T8707_Sub-1G antenna assembly

Application Date:May,07,2025
Editor:

Rev: R:A0
Page 5 of 6

3.Test Results Summary

3-1 S11



3-2 No-source test data

Frequency (MHz)	Efficiency	Efficiency. dB	Gain . dBi
863	61%	-2.14	3.33
864	61%	-2.11	3.29
865	62%	-2.09	3.25
866	61%	-2.12	3.17
867	61%	-2.15	3.11
868	61%	-2.18	3.11
869	60%	-2.19	3.15
870	61%	-2.17	3.23
902	59%	-2.27	2.81
904	60%	-2.19	2.97
906	60%	-2.18	2.91
908	59%	-2.28	2.68
910	59%	-2.29	2.47
912	58%	-2.37	2.42
914	58%	-2.35	2.47
916	59%	-2.30	2.60
918	59%	-2.31	2.52
920	58%	-2.40	2.30
922	56%	-2.49	2.13
924	56%	-2.50	2.36
926	58%	-2.38	2.58
928	57%	-2.41	2.57

ANTENNA SPECIFICATION

CUS P/N:T8707_Sub-1G antenna assembly
ZTX P/N :T8707_Sub-1G antenna assembly

Application Date:May,07,2025
Editor:

Rev: R:A0
Page 6 of 6

3-3 2D/3D Radiation Pattern Results

