

ANTENNA SPECIFICATION

CUS P/N:WTD1pro_BT Antenna components
ZTX P/N :WTD1pro_BT Antenna components

Application Date:Jul,10,2024
Editor:

Rev: R:A0
Page 2 of 8

1. Index

Order	Content	page
-	Cover	-
-	Version change record	1
1	Index	2
2	Test Equipment & Conditions	3~5
3	Antenna physical picture	/
4	S11	6
5	Drawing	7
6	Package	/
7	FAI	/
8	Reliability Report	/
9	Raw Material Detection List	/



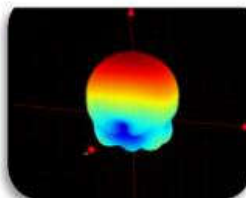
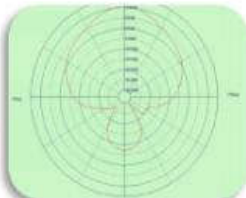
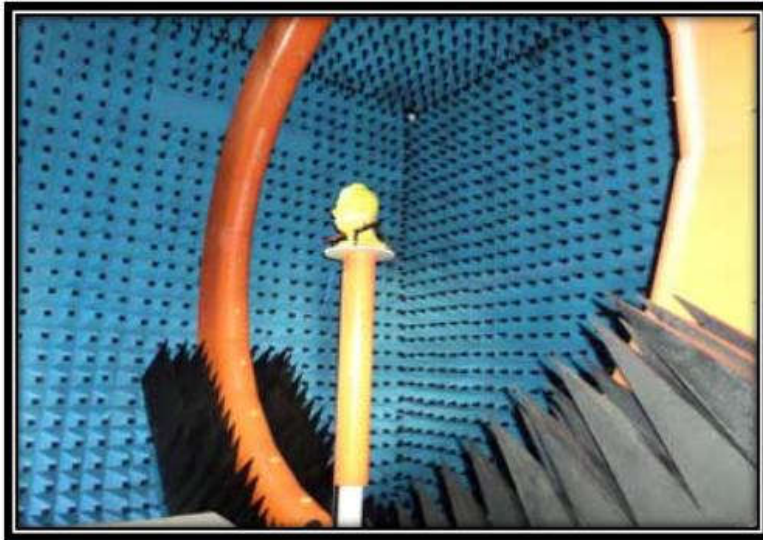
ANTENNA SPECIFICATION

CUS P/N:WTD1pro_BT Antenna components
ZTX P/N :WTD1pro_BT Antenna components

Application Date:Jul,10,2024
Editor:

Rev: R:A0
Page 3 of 8

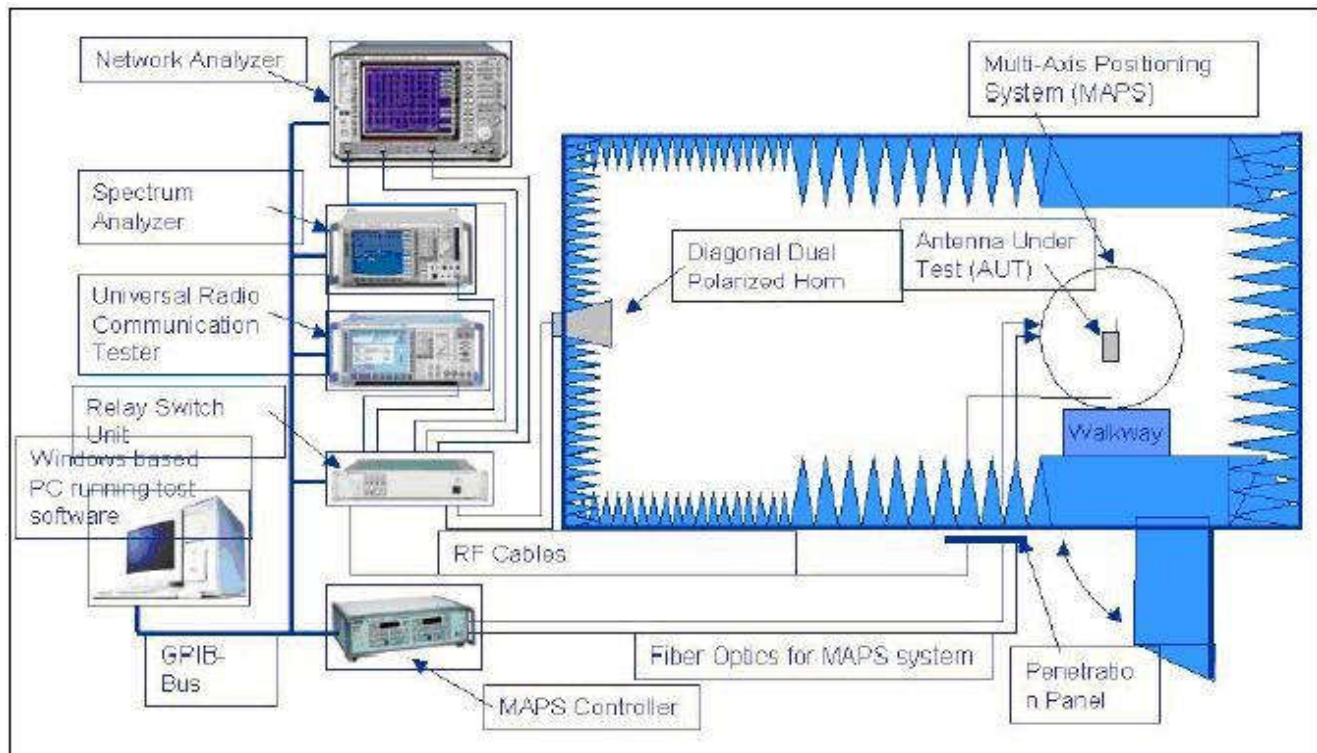
2. Test Equipment & Conditions



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 CITA 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:WTD1pro_BT Antenna components
ZTX P/N :WTD1pro_BT Antenna components

Application Date:Jul,10,2024
Editor:

Rev: R:A0
Page 4 of 8

2-1 Passive Test

Frequency	Efficiency	Efficiency . dB	Gain . dB
2400	50%	-3.01	2.00
2410	50%	-3.01	2.21
2420	51%	-2.90	2.35
2430	53%	-2.73	2.56
2440	50%	-3.01	2.60
2450	50%	-3.01	2.64
2460	50%	-3.01	2.62
2470	52%	-2.84	2.82
2480	51%	-2.92	2.74
2490	52%	-2.84	2.34
2500	51%	-2.90	1.82



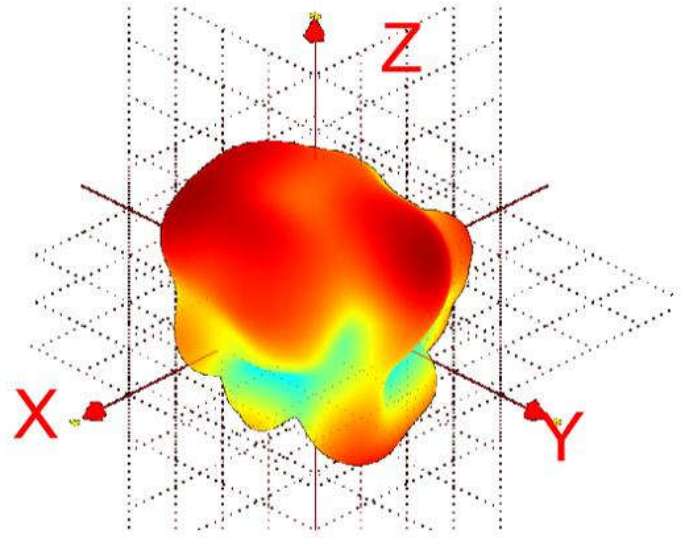
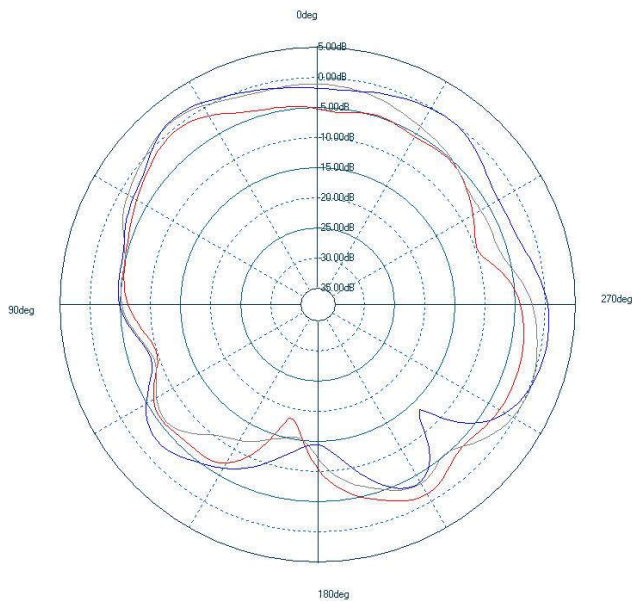
ANTENNA SPECIFICATION

CUS P/N:WTD1pro_BT Antenna components
ZTX P/N :WTD1pro_BT Antenna components

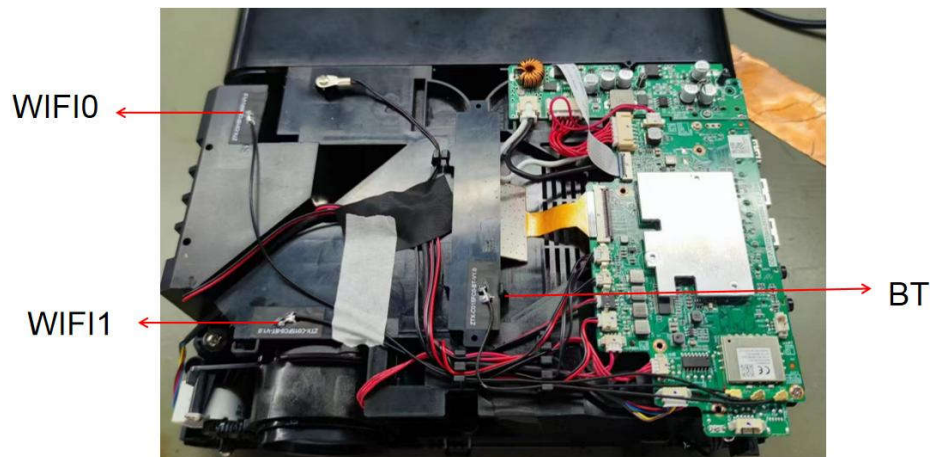
Application Date:Jul,10,2024
Editor:

Rev: R:A0
Page 5 of 8

2-2 2D/3D Radiation Pattern Results



2-3 Environmental treatment



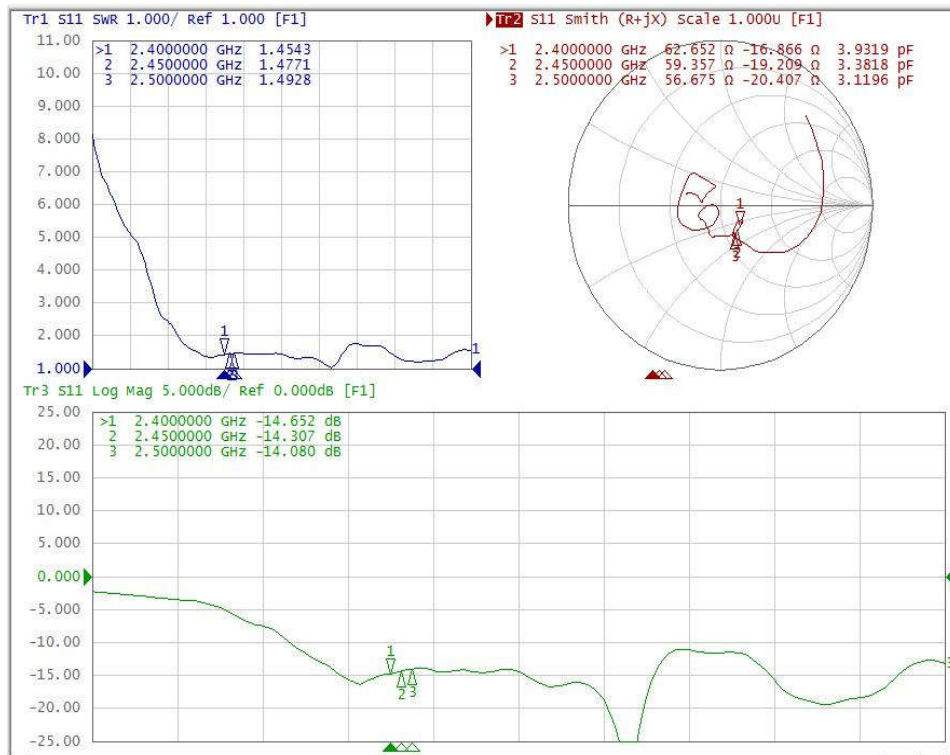
ANTENNA SPECIFICATION

CUS P/N:WTD1pro_BT Antenna components
ZTX P/N :WTD1pro_BT Antenna components

Application Date:Jul,10,2024
Editor:

Rev: R:A0
Page 6 of 8

4.S11



ANTENNA SPECIFICATION

CUS P/N:WTD1pro_BT Antenna components
ZTX P/N :WTD1pro_BT Antenna components

Application Date:Jul,10,2024
Editor:

Rev: R:A0
Page 7 of 8

5.Drawing



ANTENNA SPECIFICATION

CUS P/N:WTD1pro_BT Antenna components

Application Date:Jul,10,2024

Rev: R:A0

ZTX P/N :WTD1pro_BT Antenna components

Editor:

Page 8 of 8

Certification of Restricted substance

we hereby certify that all the Material fully conform to the requirements of the ShiYuan/or its affiliated companies Declaration of conformity that had been signed , and the maximum concentration value of restricted substance in Materials comply with the latest 《Regulations on the management of hazardous substances》 .

