

ANTENNA SPECIFICATION

CUS.P/N : A3319 BT-ANT

Application Date:Nov,23,2023

Rev: R:A0

Ace P/N : A3319 BT-ANT

Editor:

Page 3 of 7

1.Mechanical Specification

1-1 Mechanical Configuration(BT-ANT)

图纸编号: ZTX-QR-RD-013		1	2	3	4	5	6	7	8
Rev 版本		Description 描述		Designed 制图		Date 日期			
A1		first issue 首次发行		zhengwei chen		2023.12.12			

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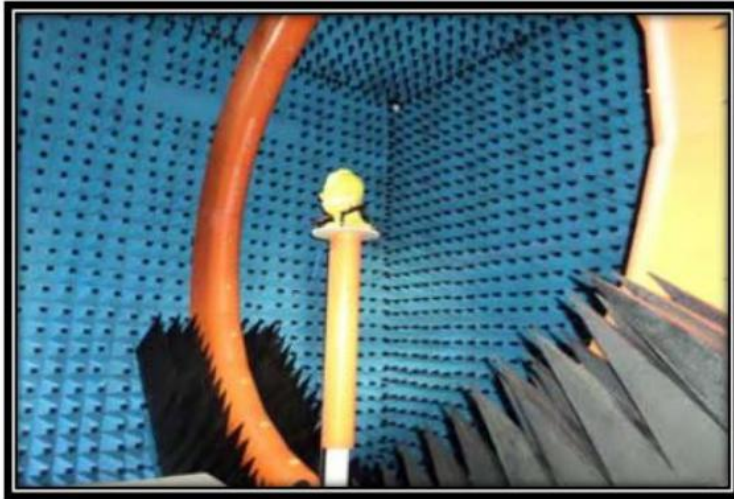
Rev: R:A0

Ace P/N : A3319 BT-ANT

Editor:

Page 4 of 7

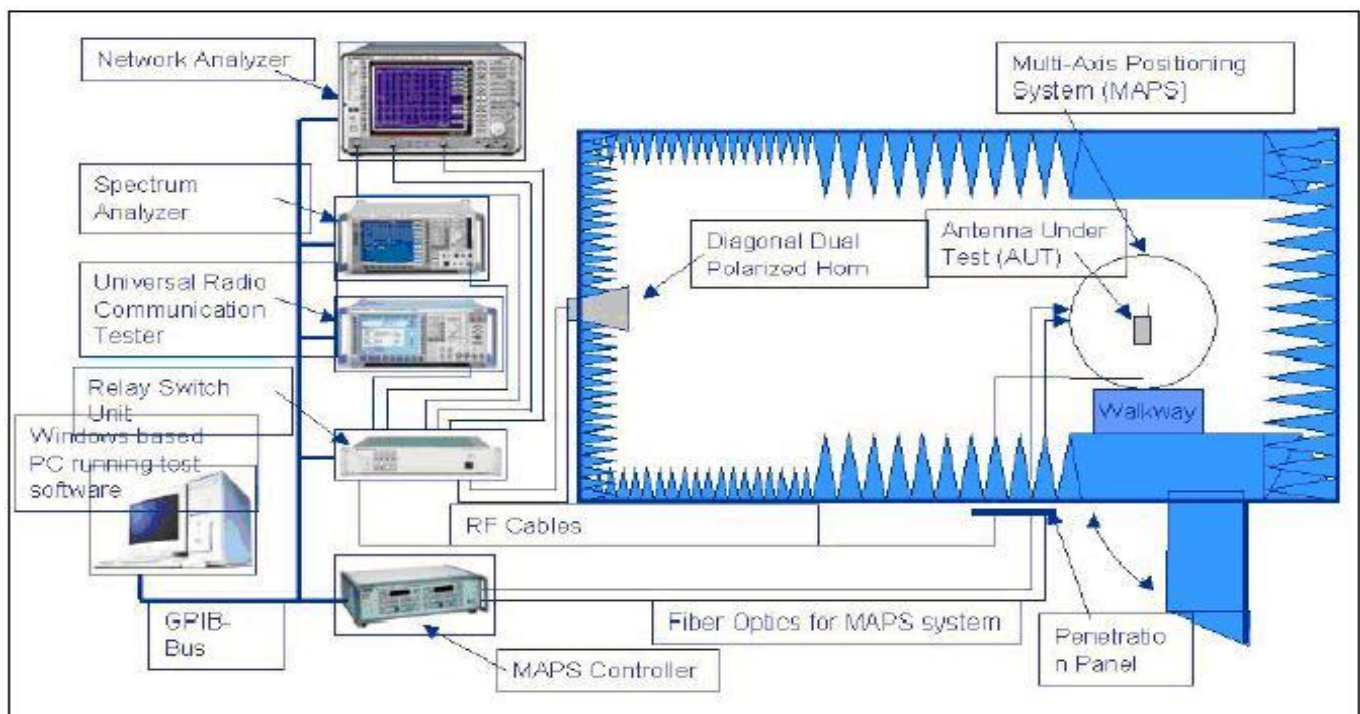
2. Test equipment



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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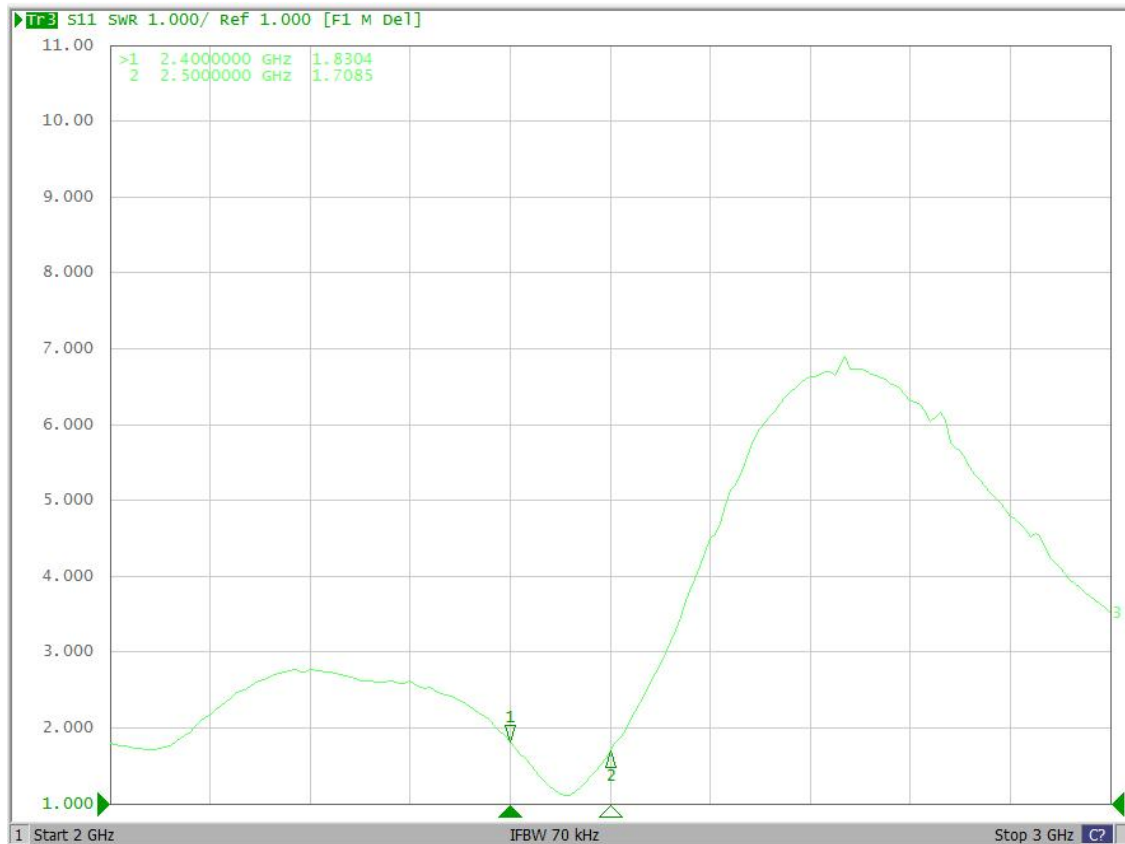
Ace P/N : A3319 BT-ANT

Editor:

Page 5 of 7

3.Test Results Summary

3-1 VSWR



3-2 Passive Test

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dB)
2400	50%	-3.05	2.83
2410	51%	-2.94	2.95
2420	54%	-2.67	3.21
2430	56%	-2.49	3.45
2440	56%	-2.48	3.43
2450	57%	-2.45	3.56
2460	53%	-2.73	3.03
2470	55%	-2.63	3.22
2480	56%	-2.51	3.50
2490	55%	-2.62	3.30
2500	54%	-2.71	2.87

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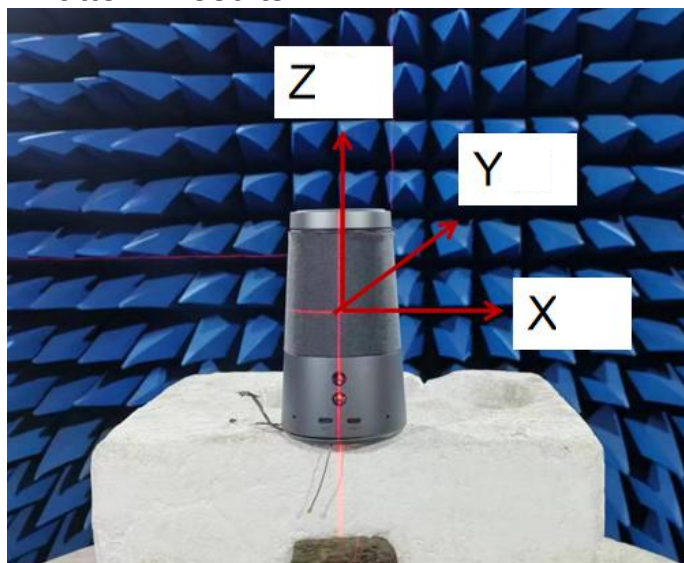
Rev: R:A0

Ace P/N : A3319 BT-ANT

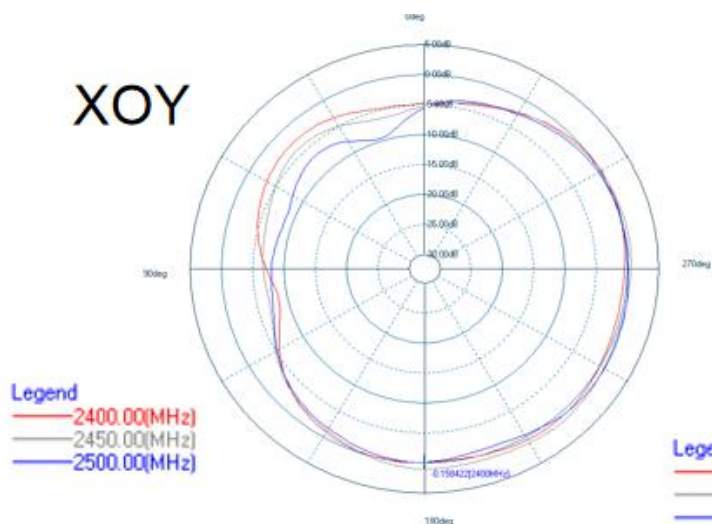
Editor:

Page 6 of 7

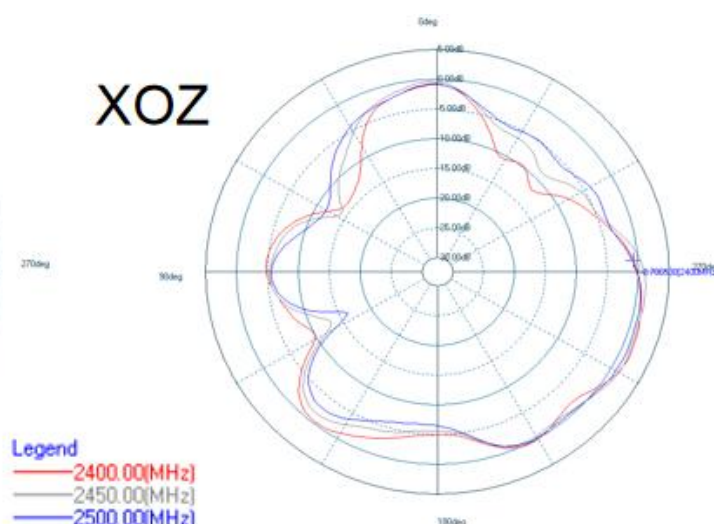
3-3 2D/3D Radiation Pattern Results



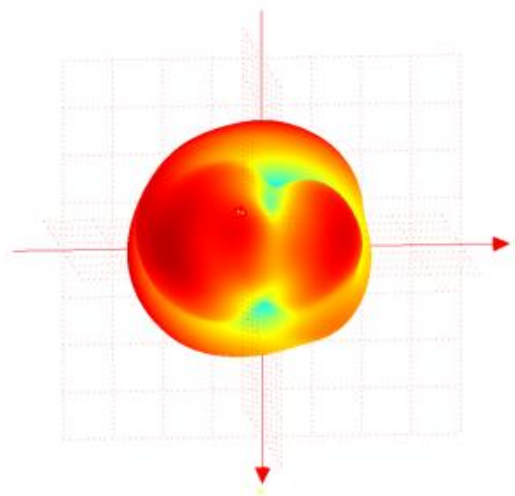
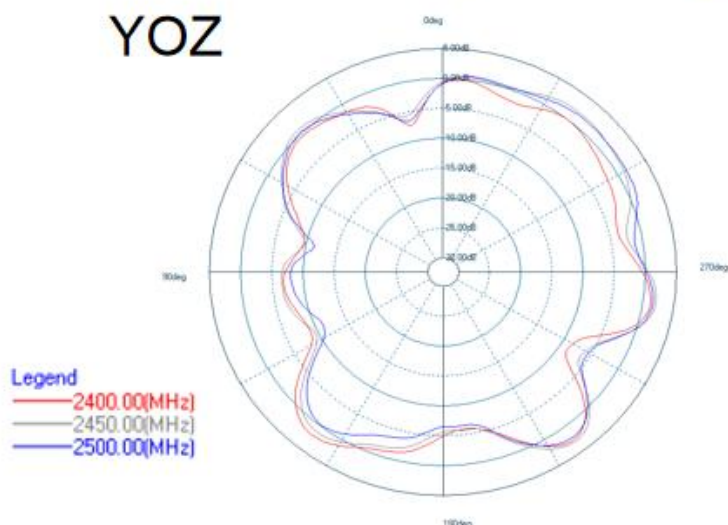
XOY



XOZ



YOZ



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Ace P/N : A3319 BT-ANT

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Page 7 of 7

3-4 Environment treatment

