



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

Antenna Test Report

Applicant: MOKO TECHNOLOGY Ltd

**Address: Factory 201, 107 Pinshun Rd Guixiang community, Guanlan Street,
Longhua, Shenzhen, China 518110**

Model Number: BS-139

Antenna Type: PCB Antenna

Trade Name: MOKOSMART

Tester : Hu Lin
Approval : Liu Feng
Date : 2024 / 01 / 05



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

1. Device Profile

2. 2.4G BT Test

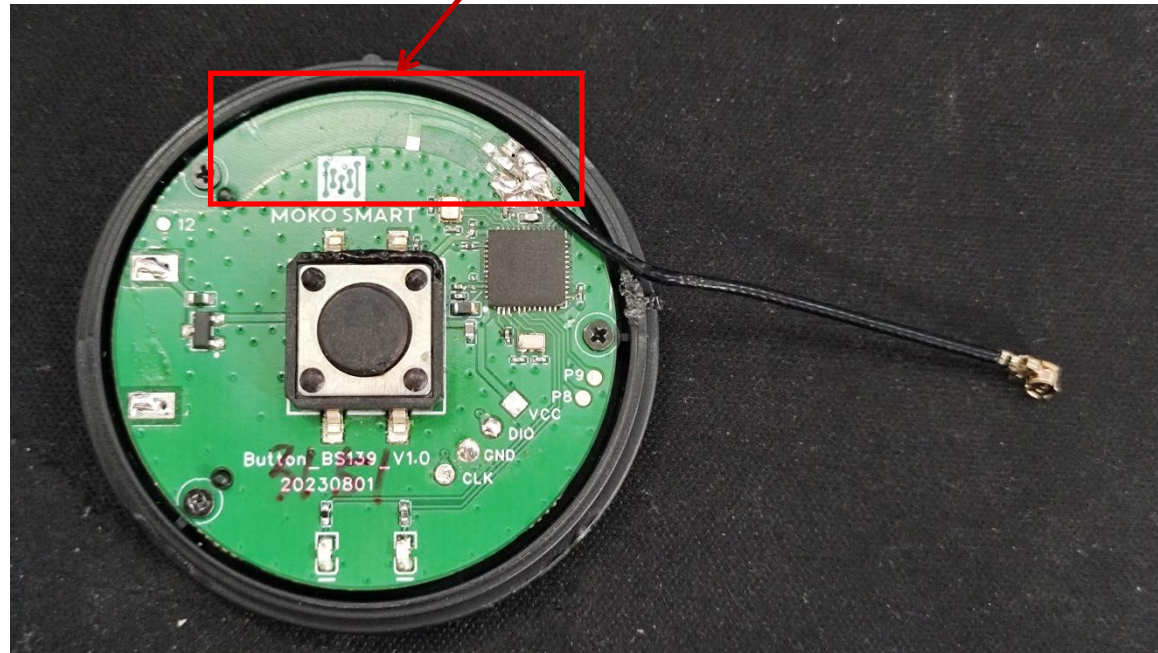


深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

1. Device Profile

BT Antenna



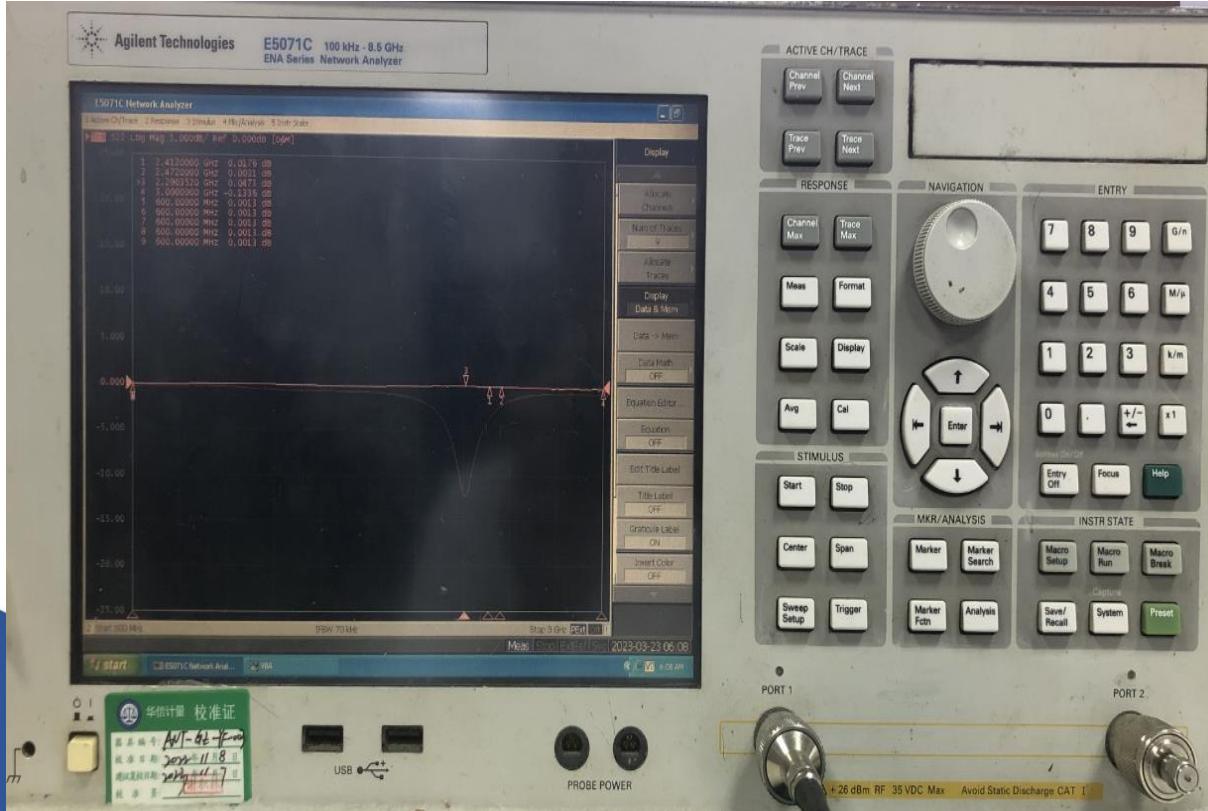


深圳市安特通讯科技有限公司

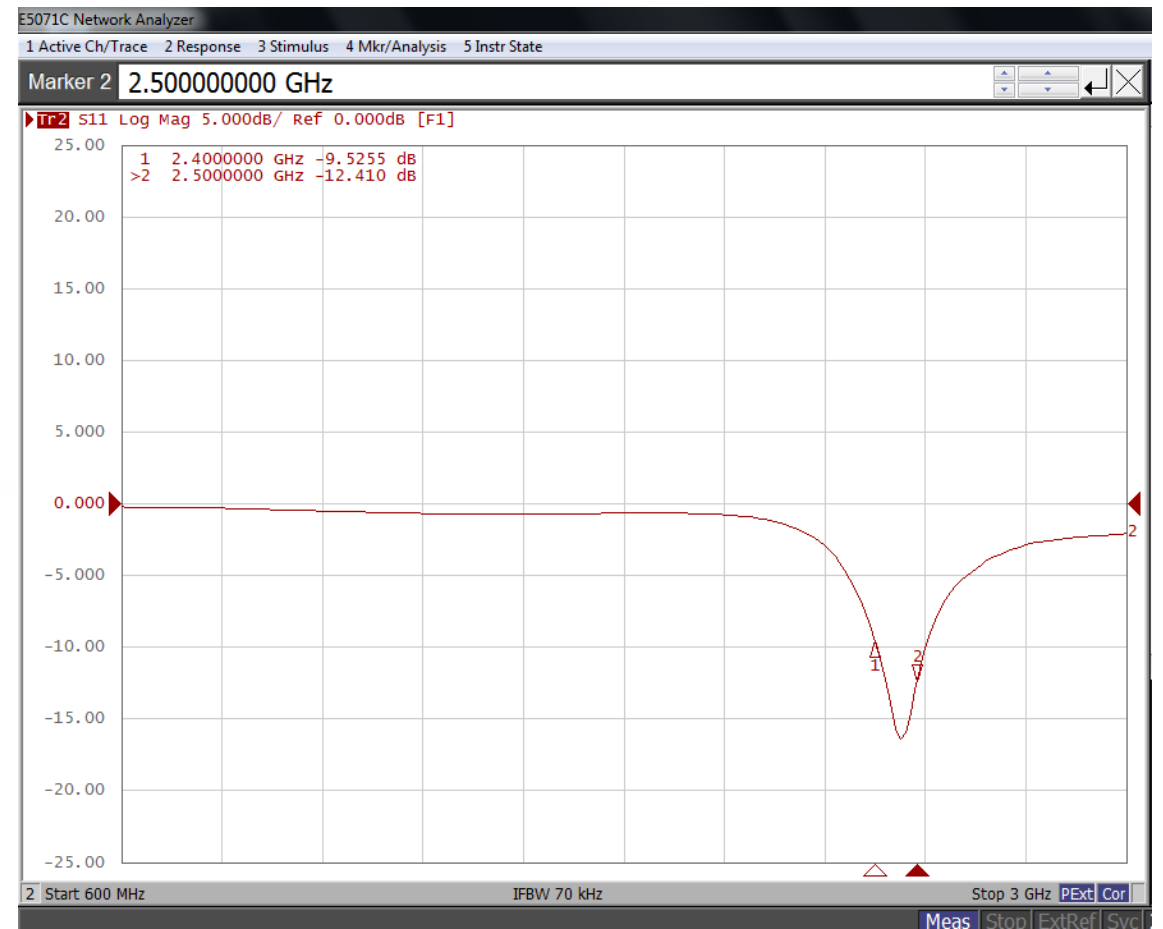
ANT Communication Technology (Shenzhen) Co., LTD.

3. BLE Antenna Test

Agilent E5071C



S-Parameter Test

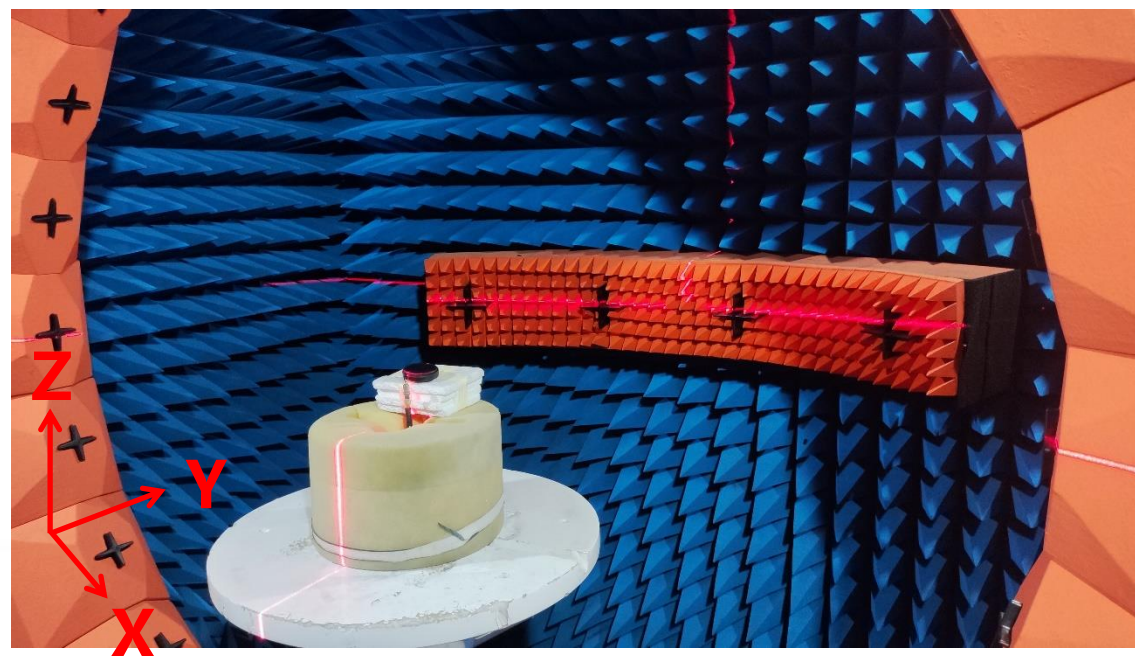
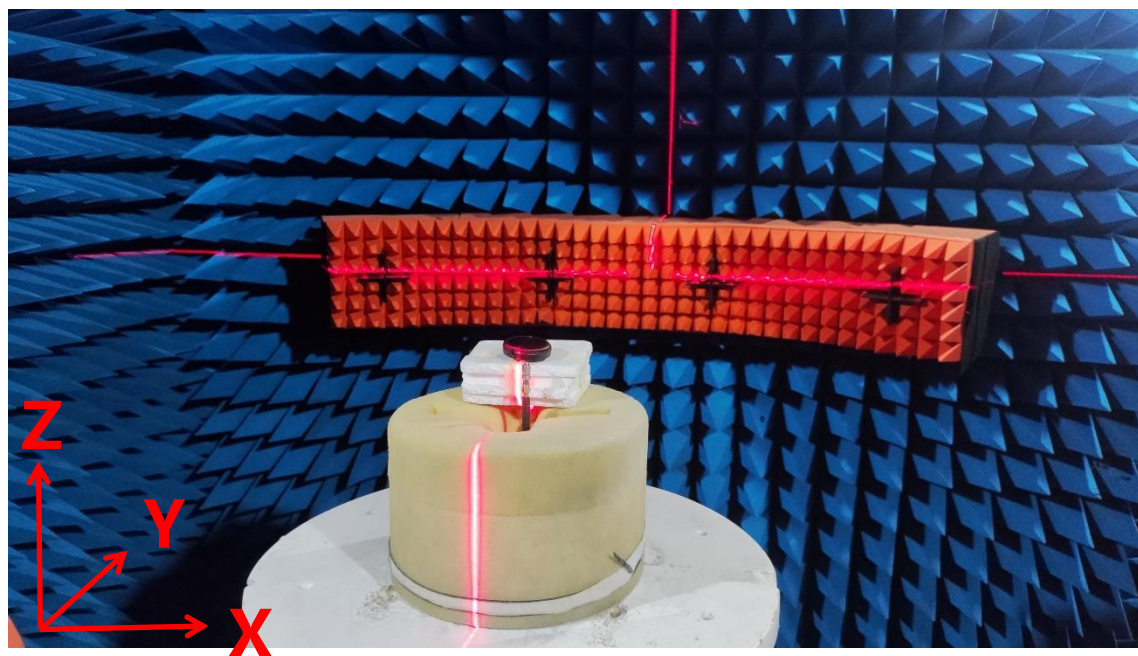




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

Antenna Passive Test





深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

Passive Test			
Frequency /Mhz	Efficiency/ dB	Efficiency/ %	MaxGain/ dBi
2400	-5.44	28.58	0.81
2410	-5.31	29.44	0.7
2420	-5.15	30.55	0.54
2430	-5.15	30.55	1.02
2440	-4.94	32.06	1.11
2450	-4.92	32.21	1.23
2460	-4.77	33.34	1.68
2470	-4.47	35.73	1.4
2480	-4.31	37.07	2.25
2490	-4.44	35.97	2.26
2500	-4.59	34.75	0.94

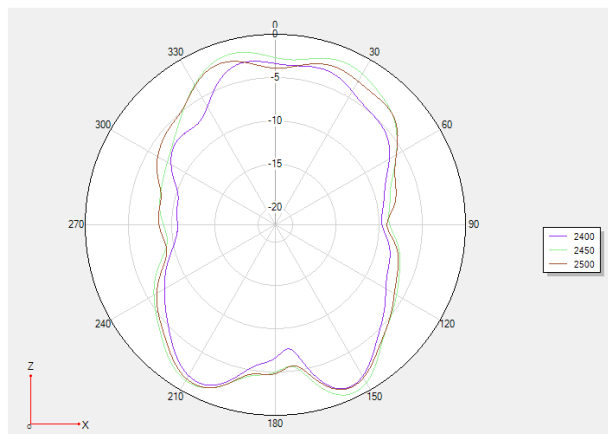


深圳市安特通讯科技有限公司

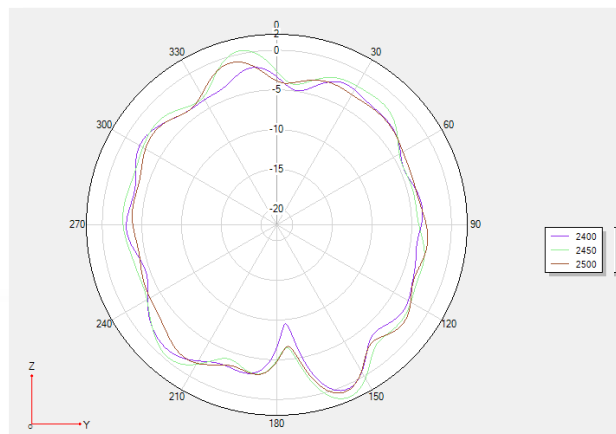
ANT Communication Technology (Shenzhen) Co., LTD.

2D-Etotal (2400/2450/2500Mhz)

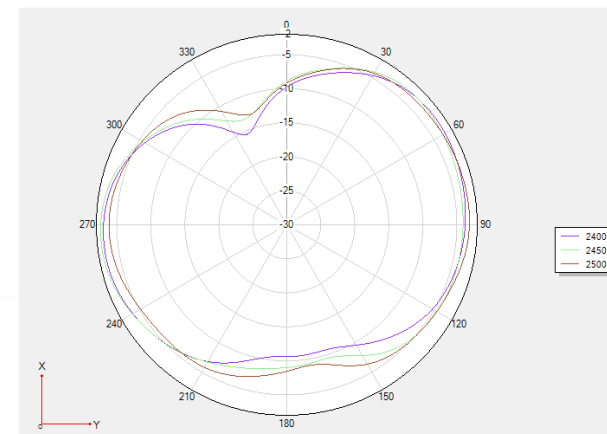
Phi 0 2D



Phi 90 2D



Theta 90 2D

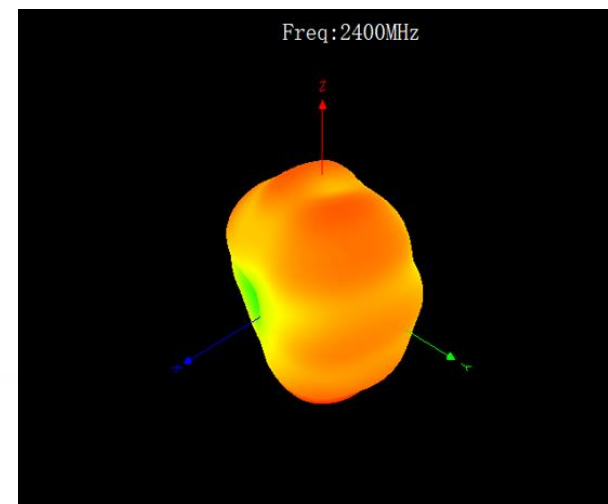
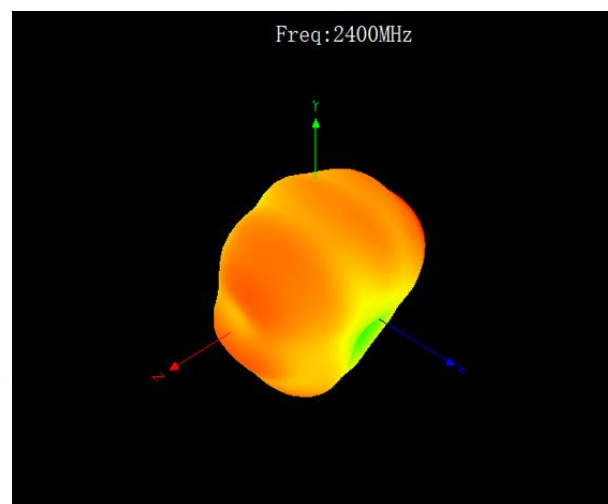
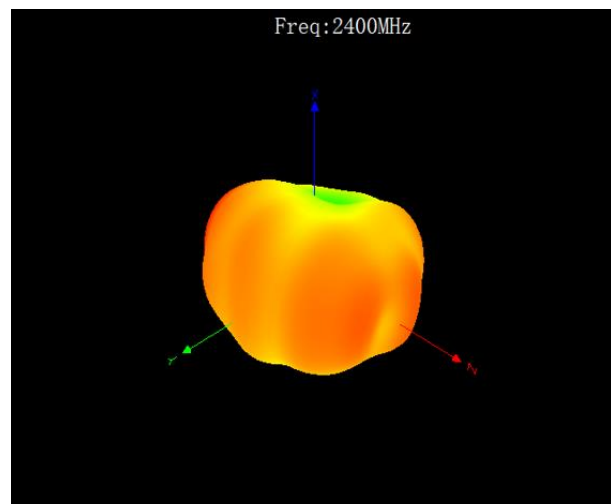




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

3D-Etotal (2400Mhz)

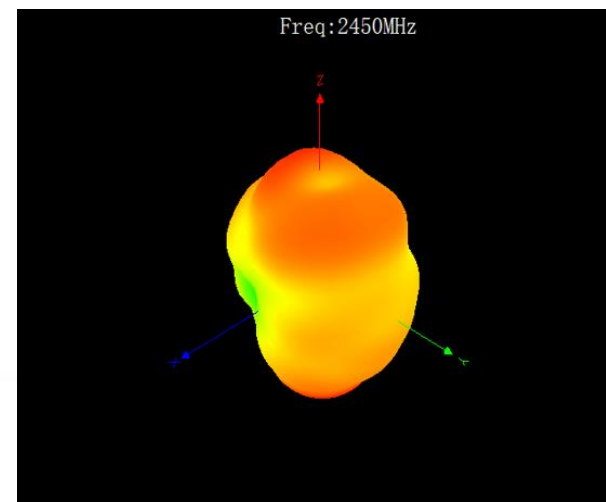
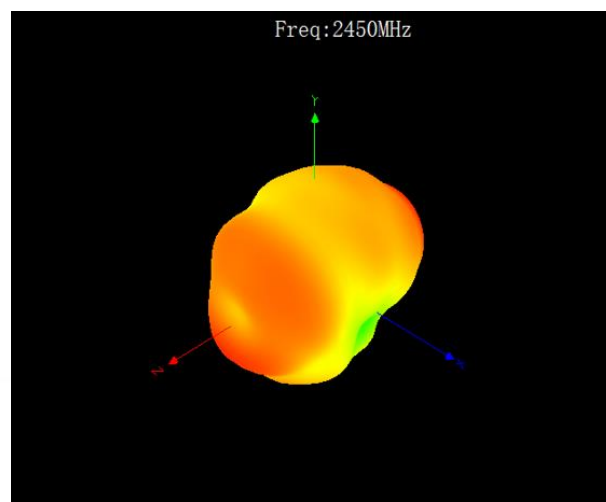
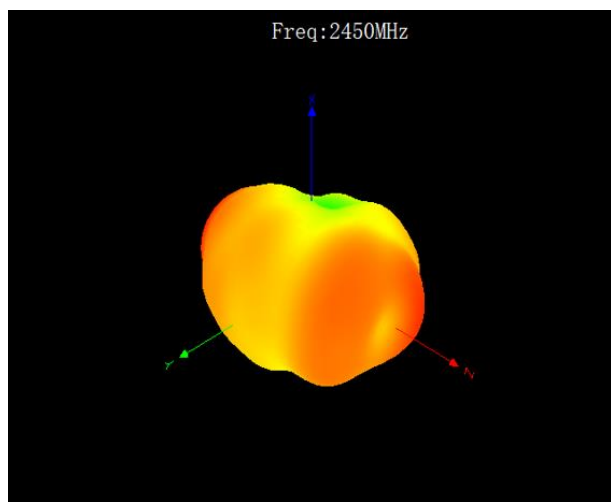




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

3D-Etotal (2450Mhz)

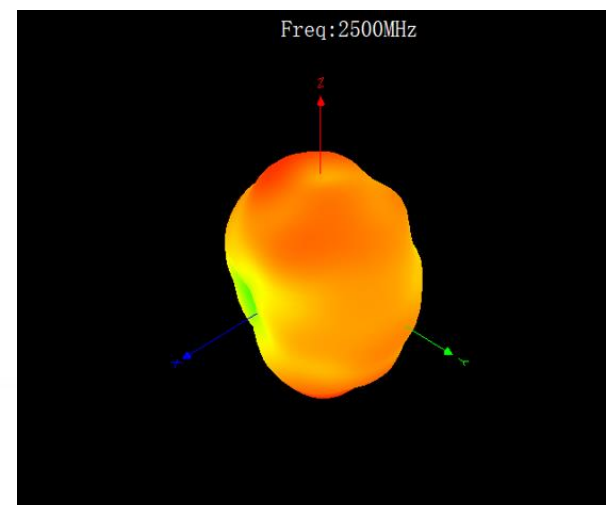
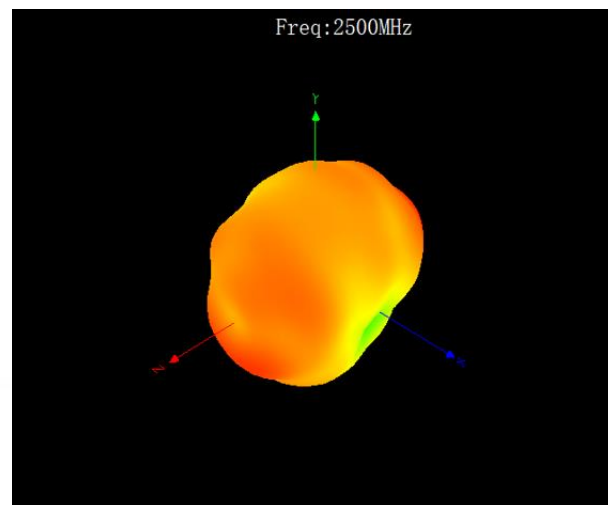
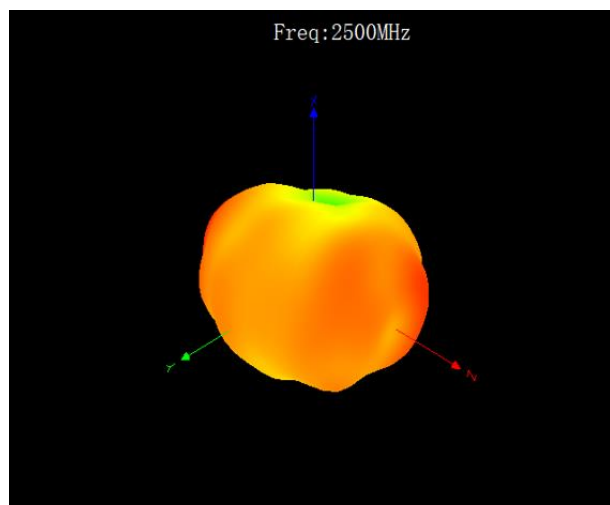




深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

3D-Etotal (2500Mhz)





深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.



THANK YOU!