



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

Manufacturer 's : HUACHUANG TECHNOLOGY LTD

Address : 701, Building A, No. 10, Jiangfu Road, Xinzhuang Community, Matian Street, Guangming District,
Shenzhen

M/N:B3

Antenna Test Report

Tester : Hu Lin
Approval : Liu Feng
Date : 2024 / 02/ 26



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1. Device Profile

2. 2400-2500MHz Test



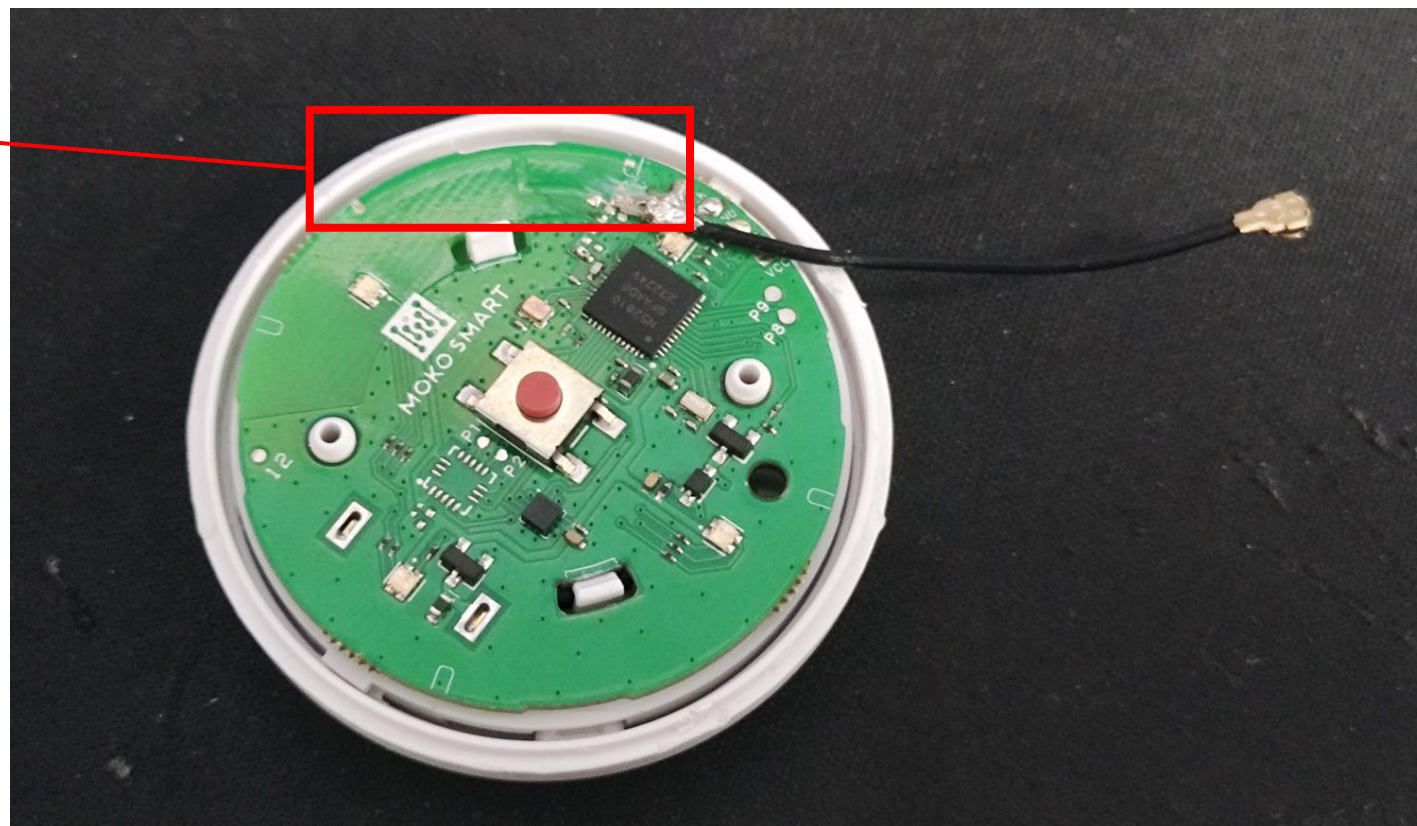


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1. Device Profile

Antenna



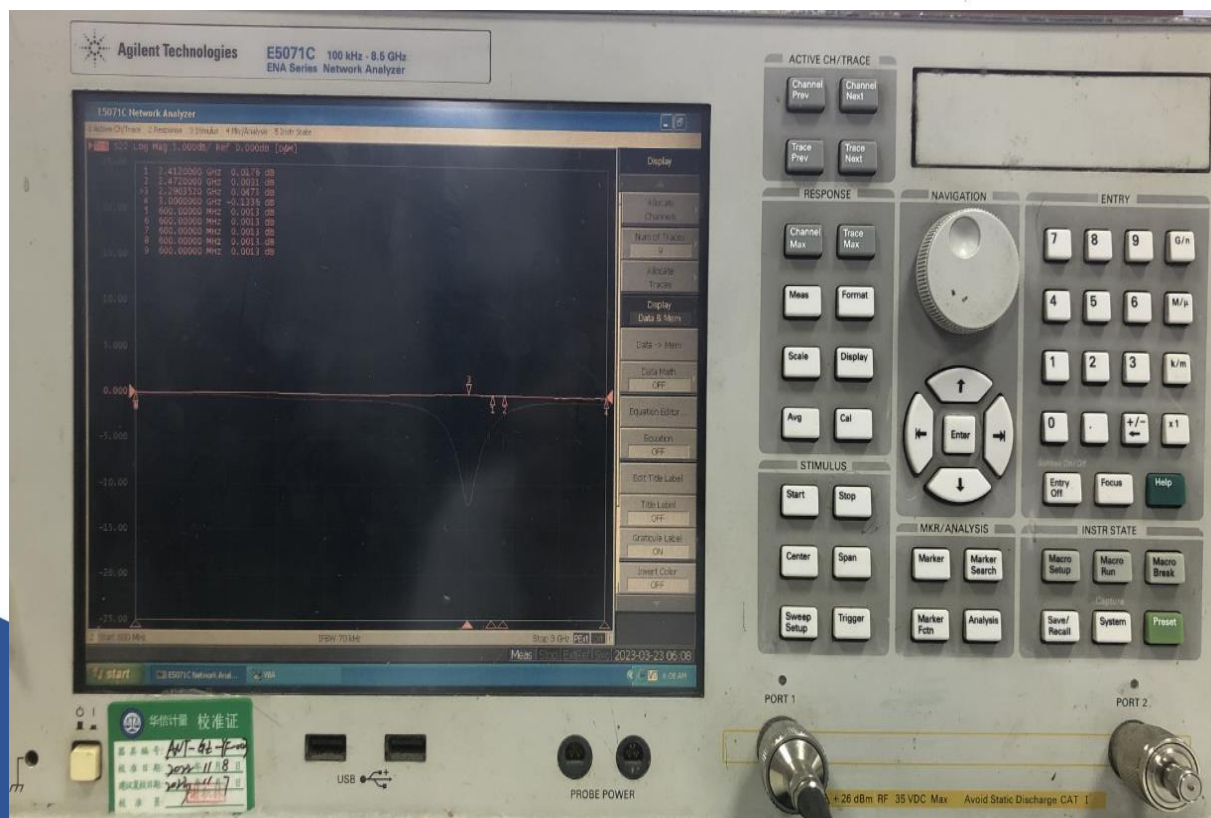


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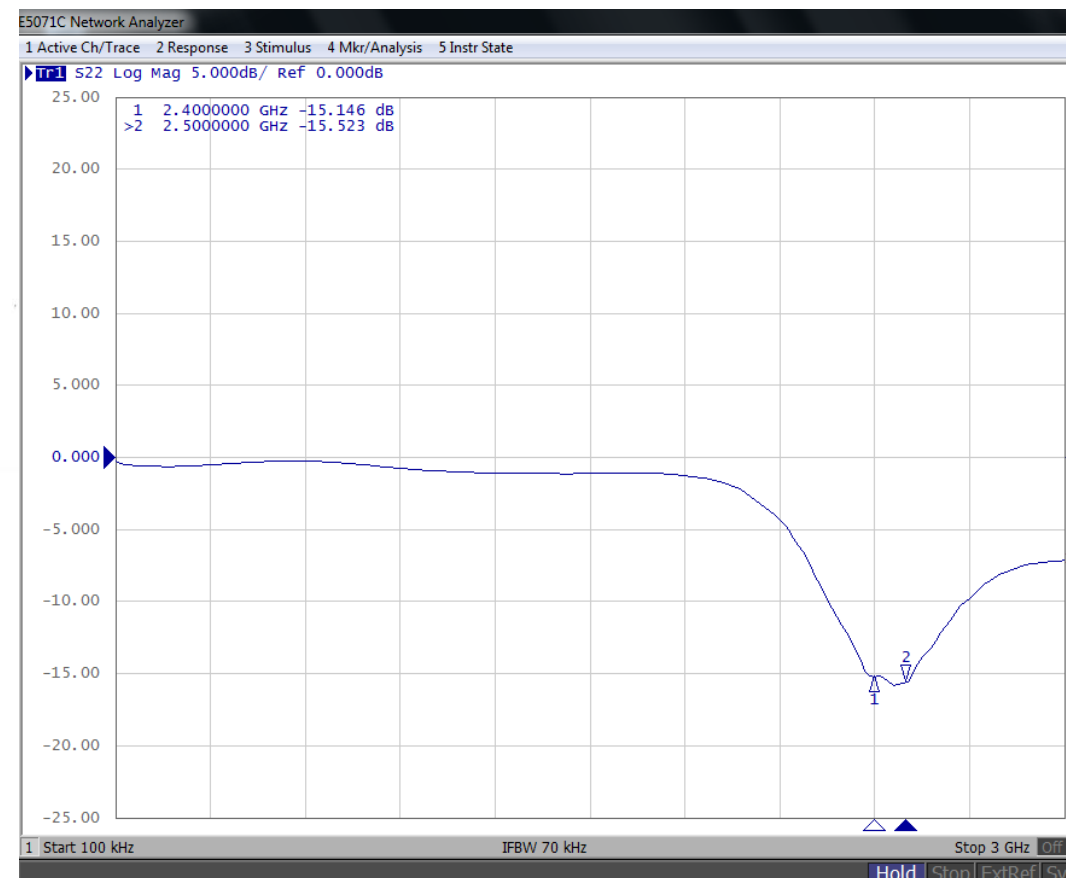
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2. 2400-2500MHz Test

Agilent E5071C



S-Parameter Test

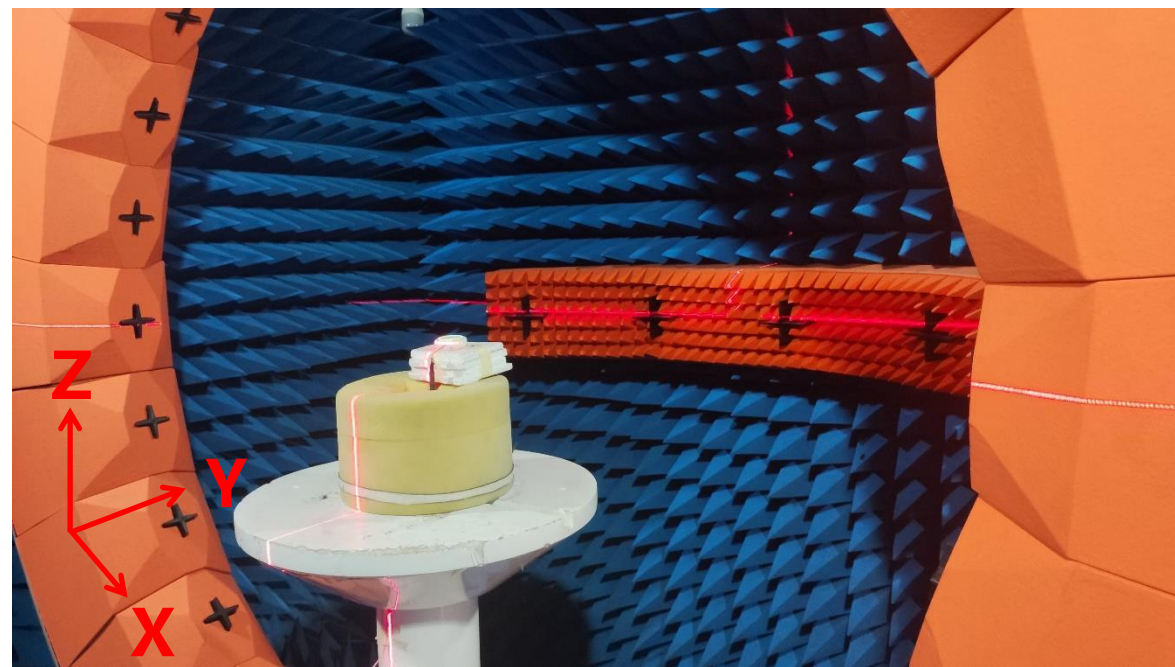
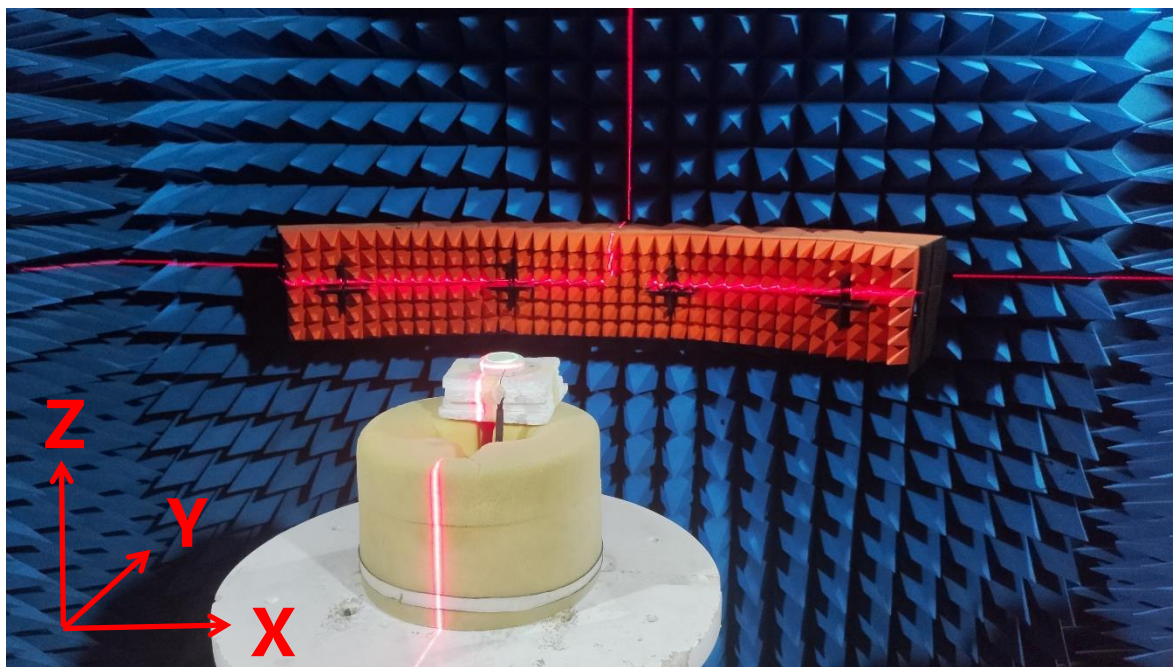




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Antenna Passive Test





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Passive Test			
Frequency /Mhz	Efficiency/ dB	Efficiency/ %	MaxGain/ dBi
2400	-2.61	54.81	1.23
2410	-2.57	55.39	1.38
2420	-2.57	55.29	1.52
2430	-2.53	55.83	1.82
2440	-2.67	54.12	1.68
2450	-2.69	53.8	1.57
2460	-2.82	52.21	1.89
2470	-2.90	51.34	1.52
2480	-2.91	51.16	1.22
2490	-3.00	50.08	1.07
2500	-3.02	49.85	1.14

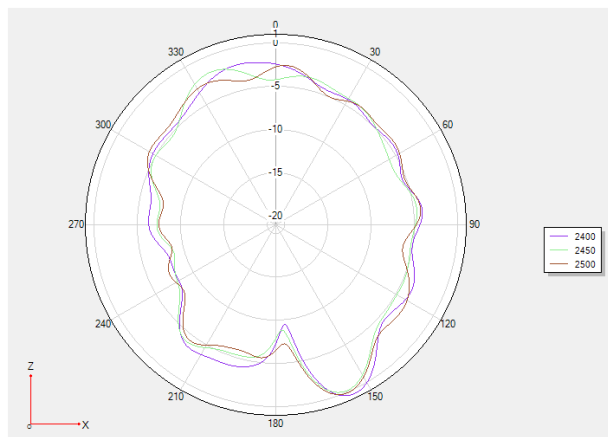


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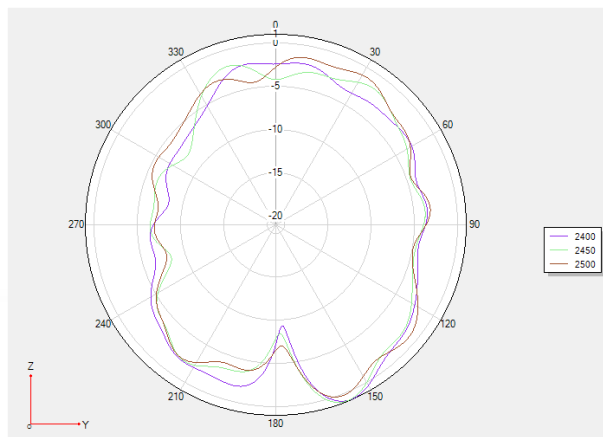
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2D-Etotal (2400/2450/2500Mhz)

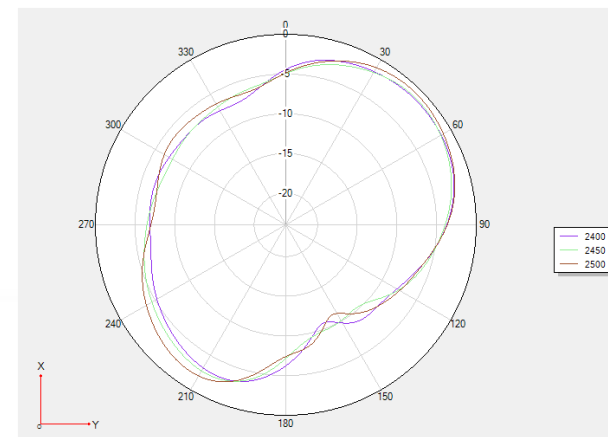
Phi 0 2D



Phi 90 2D



Theta 90 2D

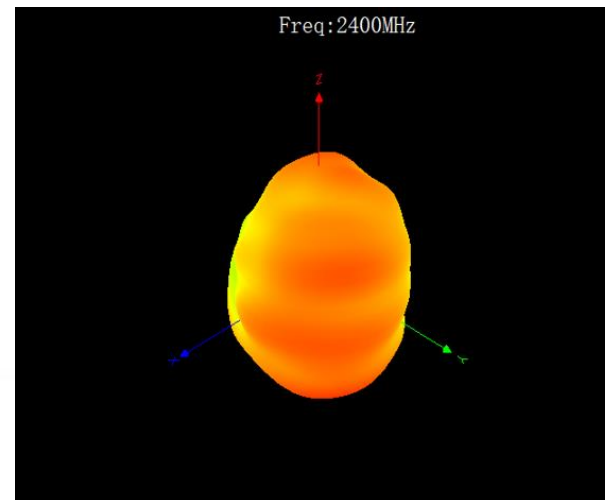
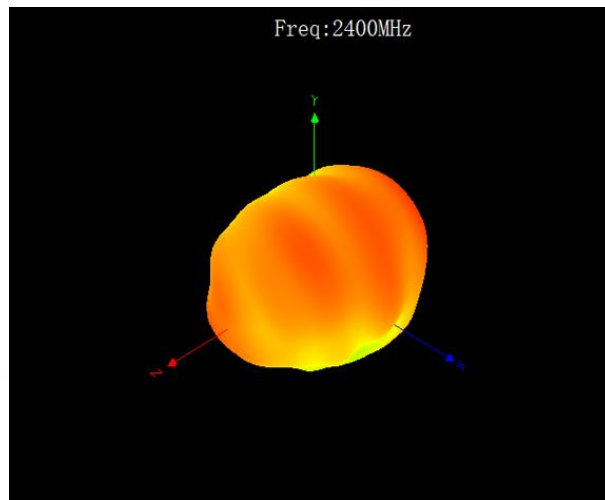
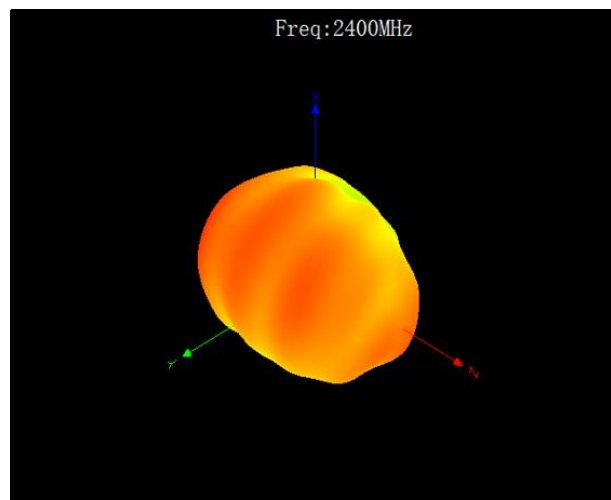




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3D-Etotal (2400Mhz)

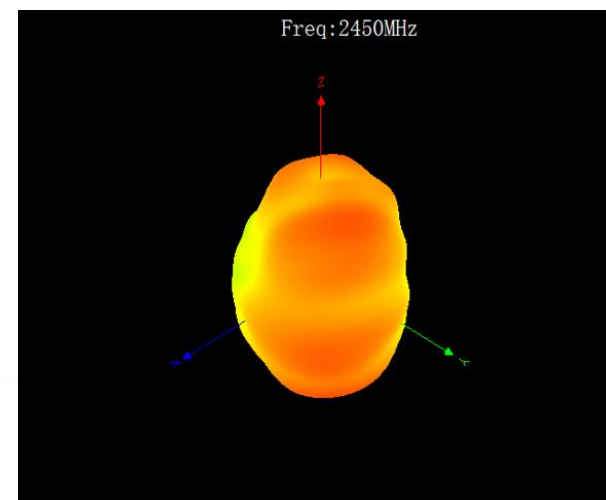
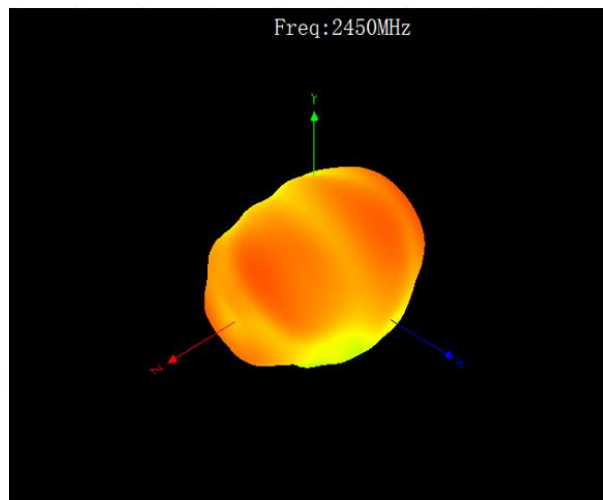
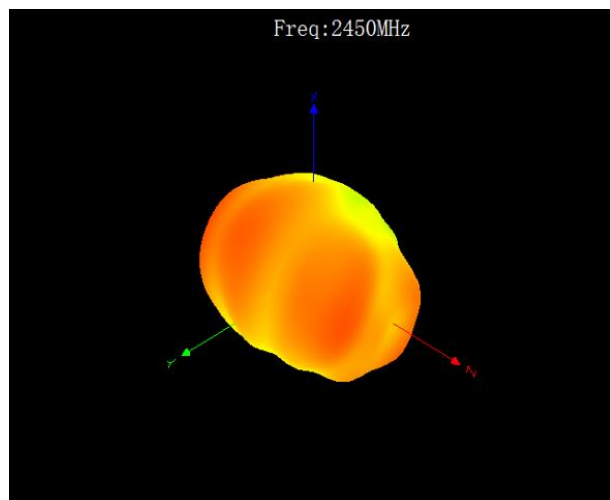




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3D-Etotal (2450Mhz)

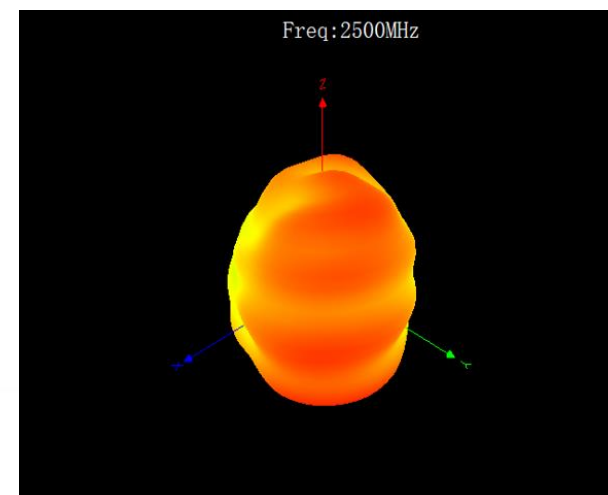
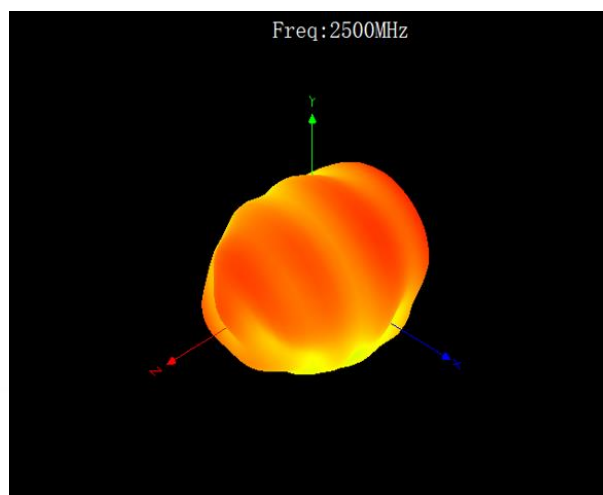
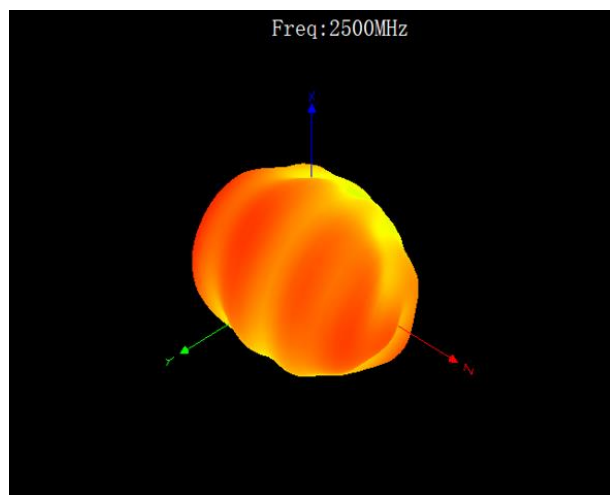




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3D-Etotal (2500Mhz)





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THANK YOU!