



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.
address: 701, Building A, No. 10, Jiangfu Road, Xinzhuang Community,
Matian Street, Guangming District, Shenzhen

M7 TECHNOLOGY LTD

Antenna Test Report

M/N:M7

Tester : Hu Lin
Date : 2025 / 12/ 1

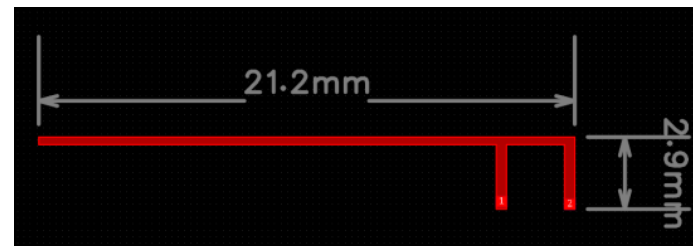


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1. Device Profile

2. BT Test



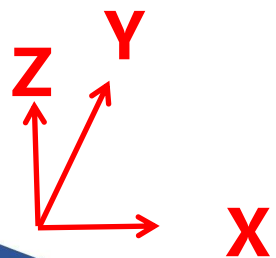
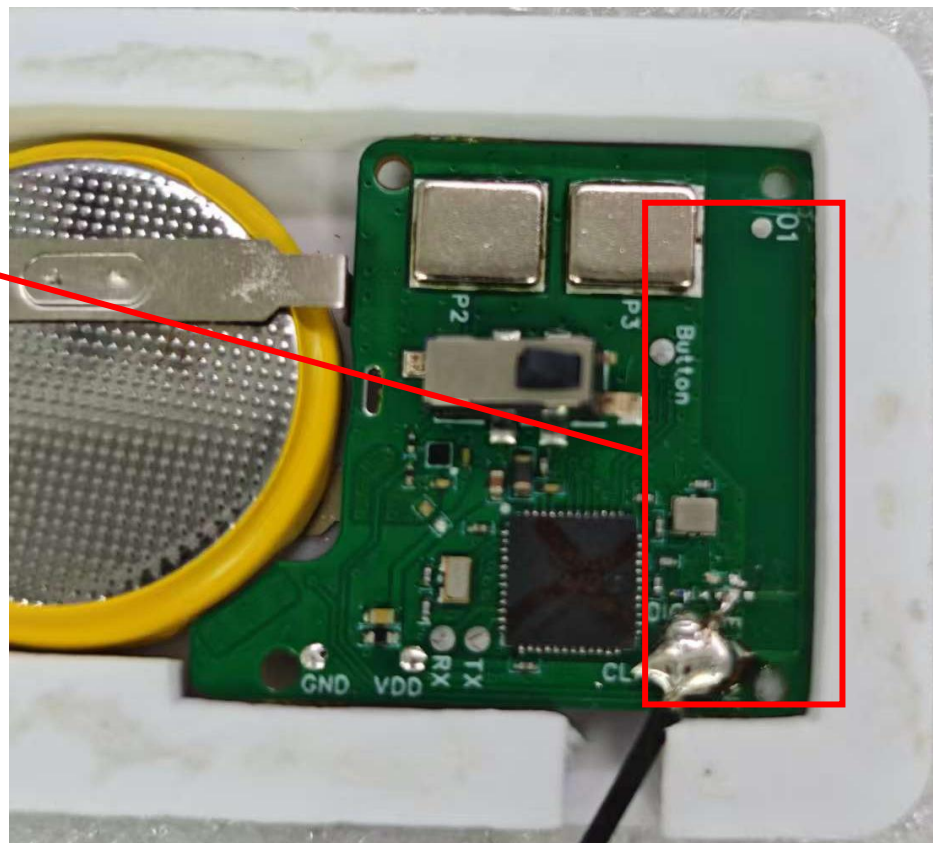


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1. Device Profile

BT Antenna



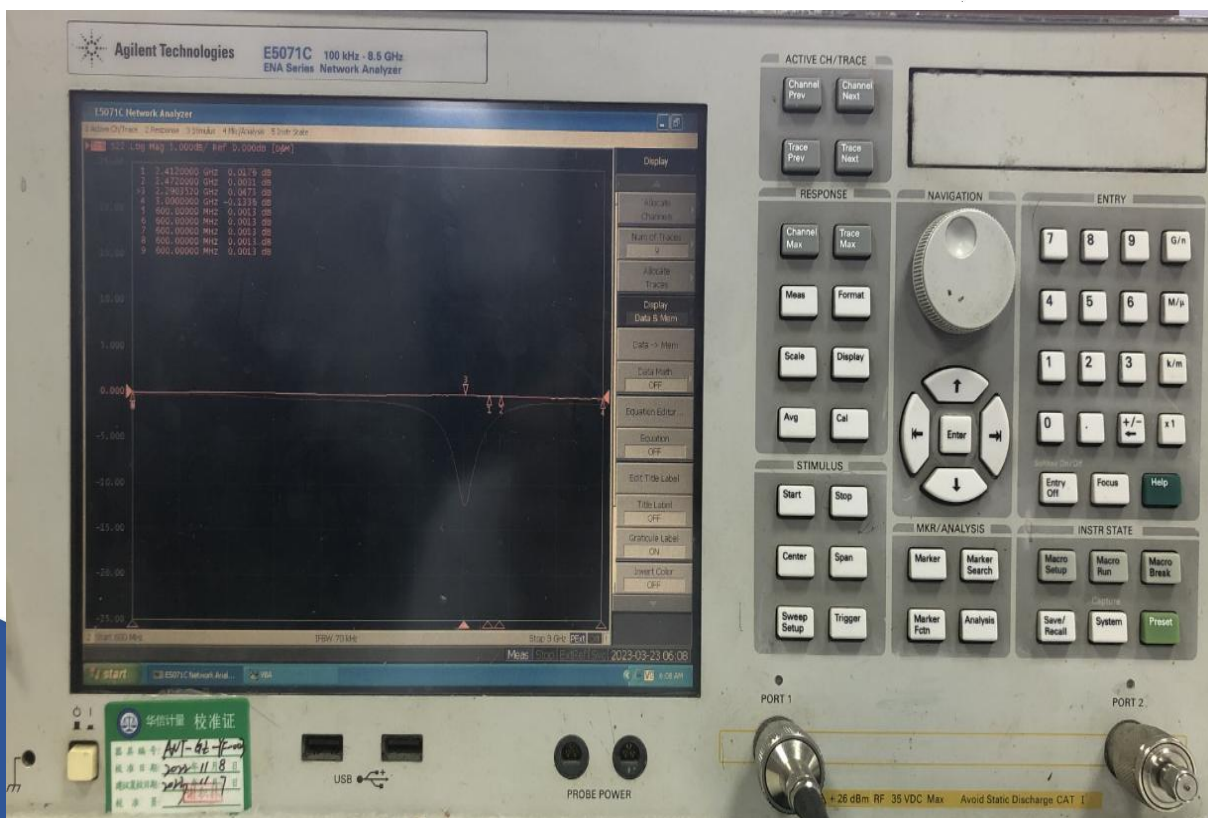


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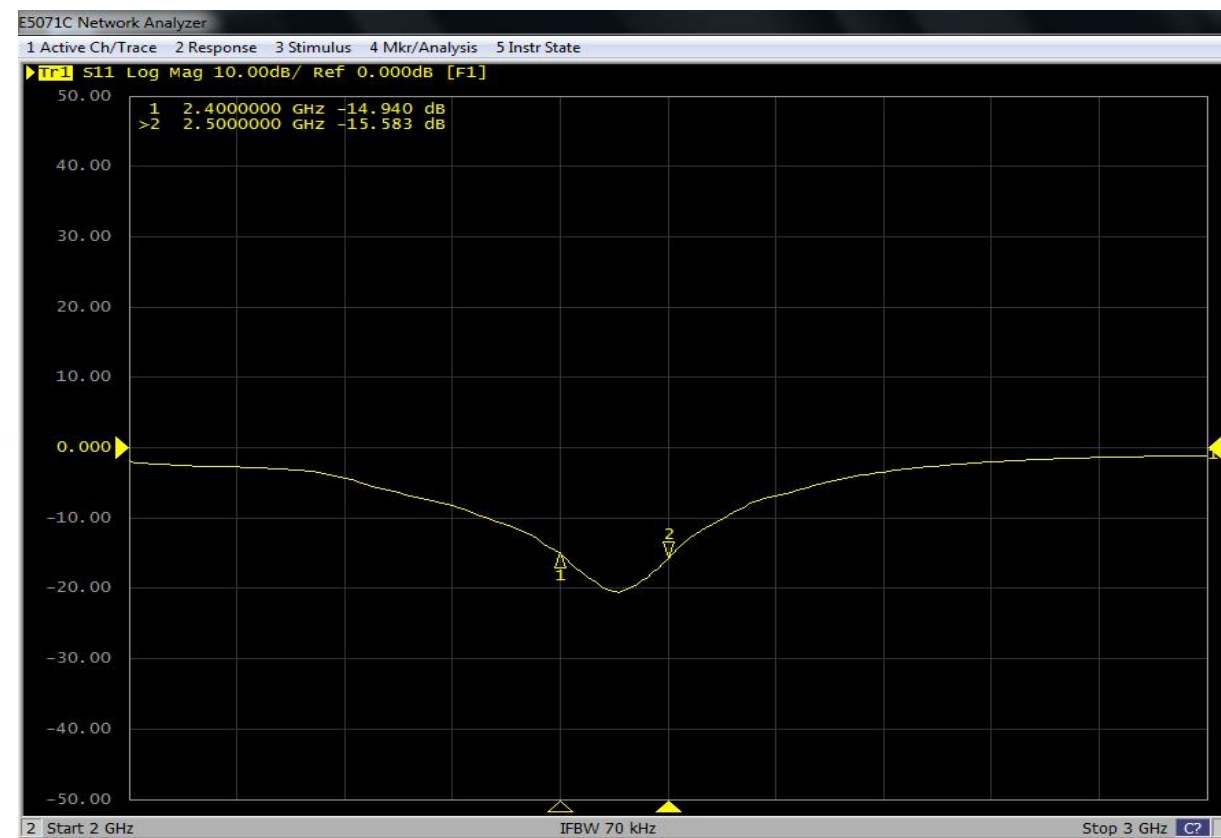
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2. wifi2.4g Test

Agilent E5071C



S-Parameter Test

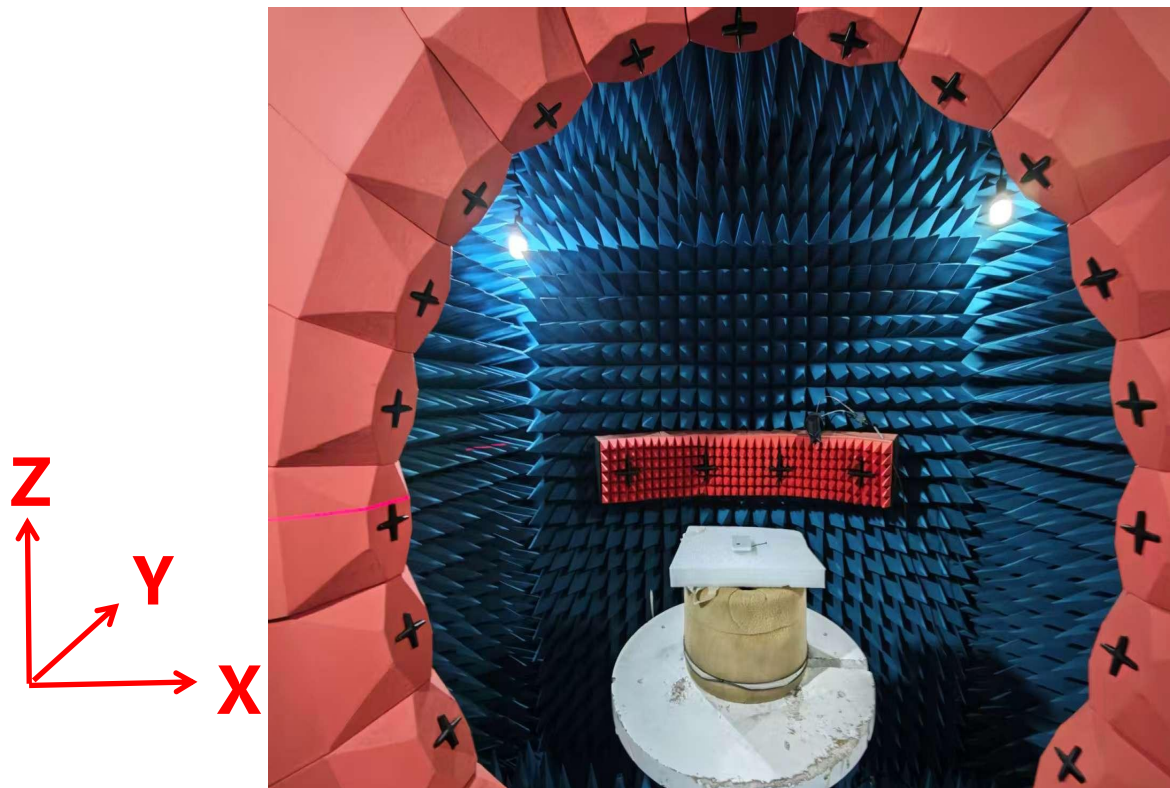




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Antenna Passive Test





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Passive Test			
Frequency/MHz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-3.75	42.16	4.43
2410	-3.69	42.77	3.51
2420	-3.61	43.6	4.89
2430	-3.60	43.64	3.84
2440	-3.40	45.7	4.75
2450	-3.27	47.12	4.18
2460	-3.29	46.88	4.53
2470	-3.56	44.09	4.41
2480	-3.62	43.42	3.98
2490	-3.75	42.21	4.53
2500	-3.72	42.42	3.44

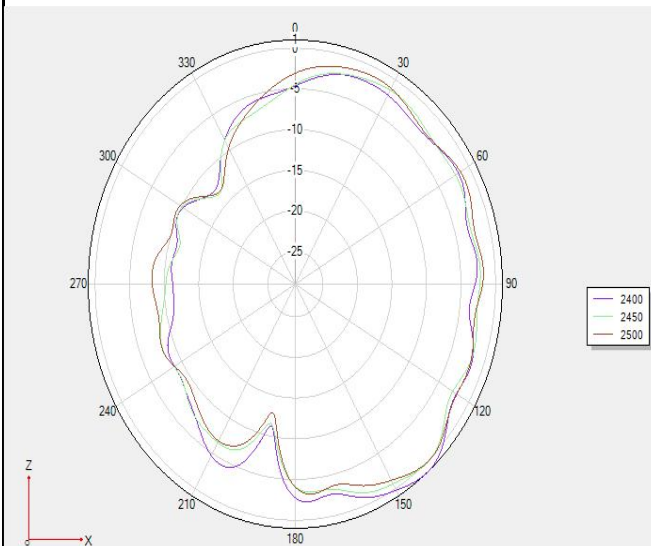


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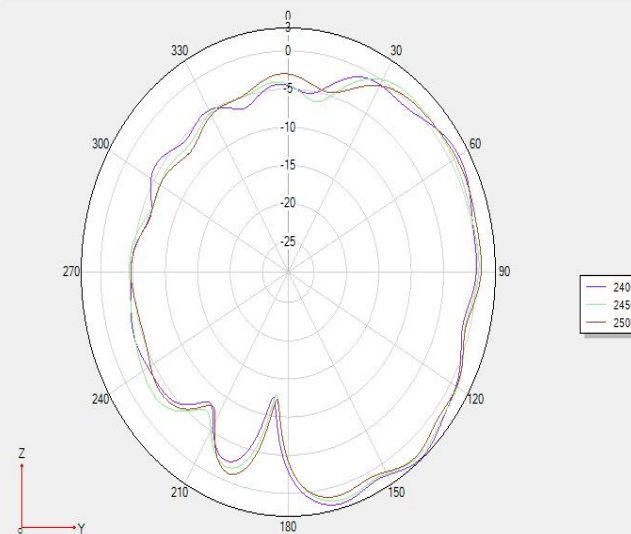
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2D-Etotal (2400/2450/2500Mhz)

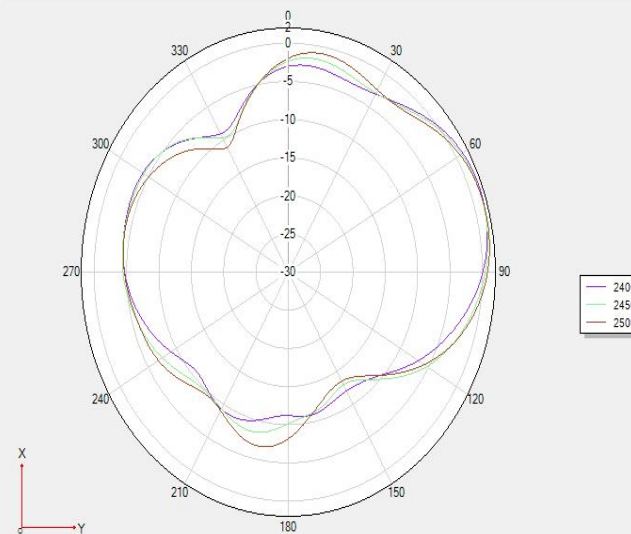
Phi 0 2D



Phi 90 2D



Theta 90 2D

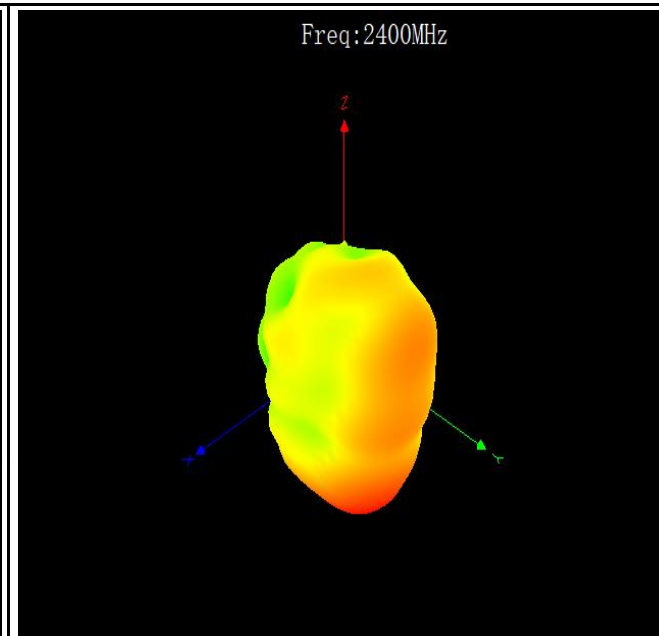
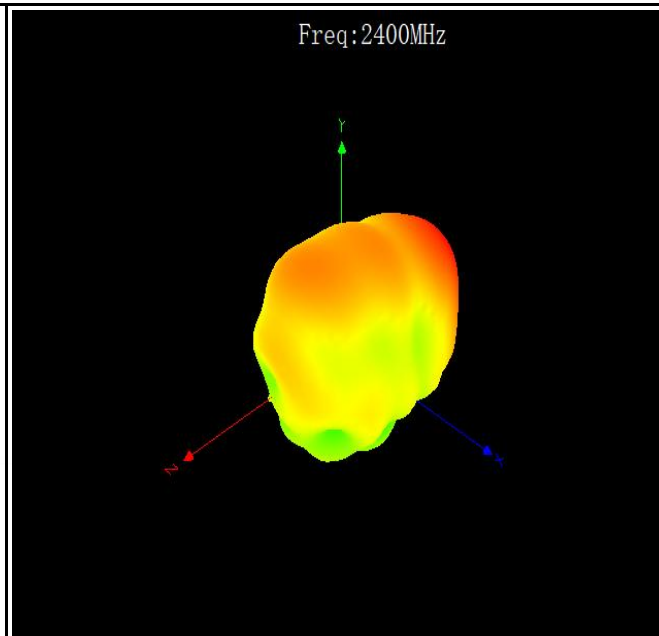
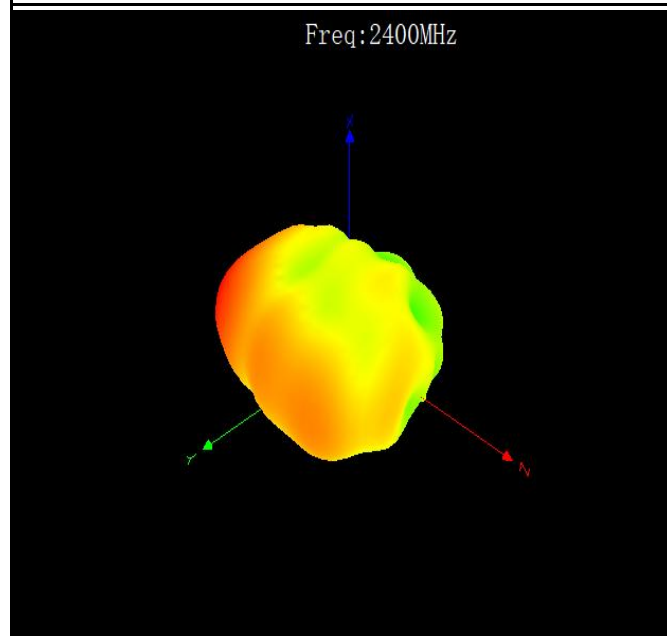




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3D-Etotal (2400Mhz)

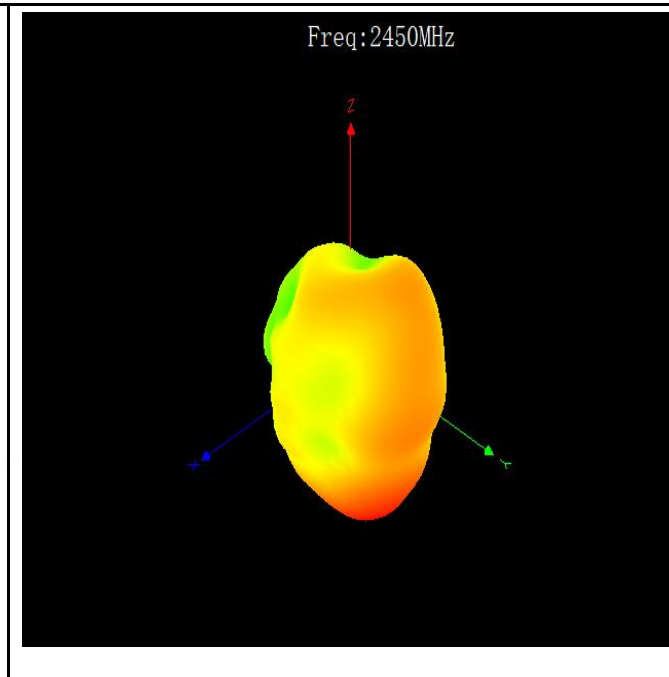
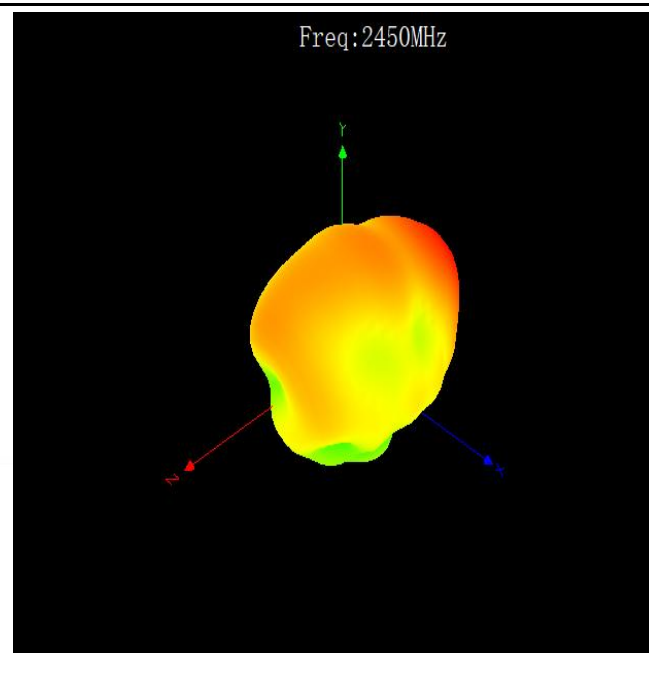
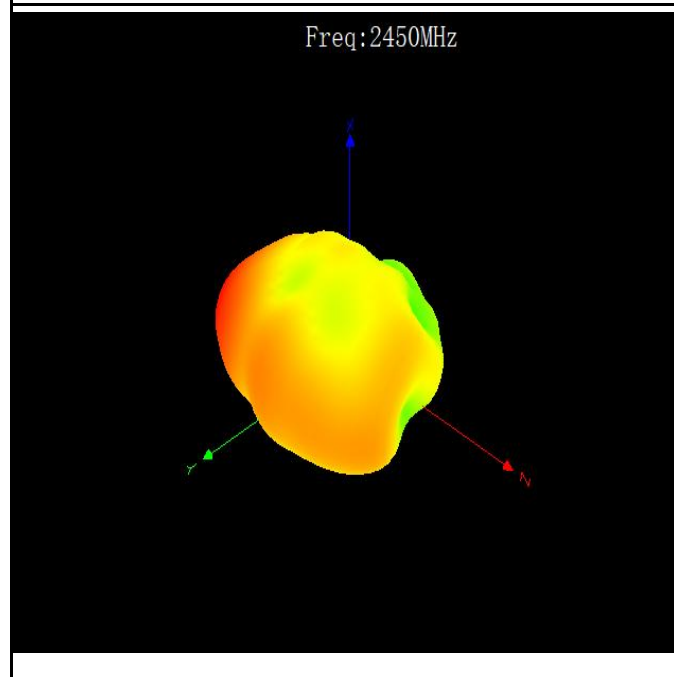




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3D-Etotal (2450Mhz)

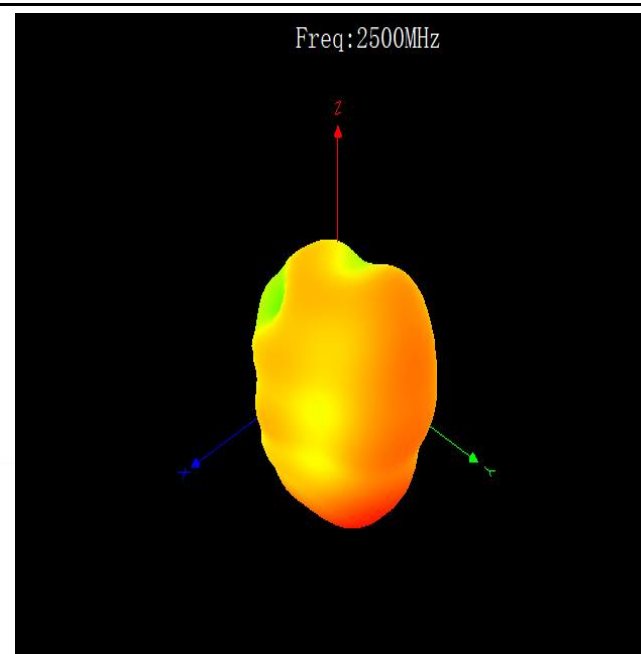
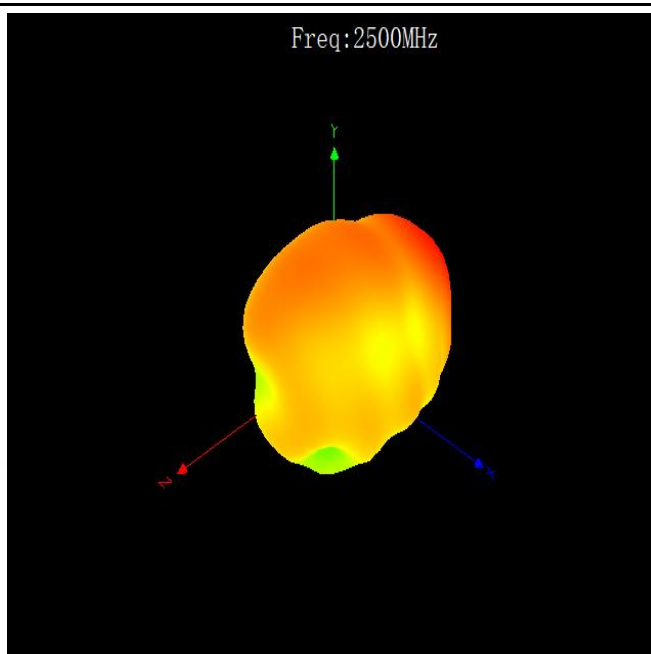
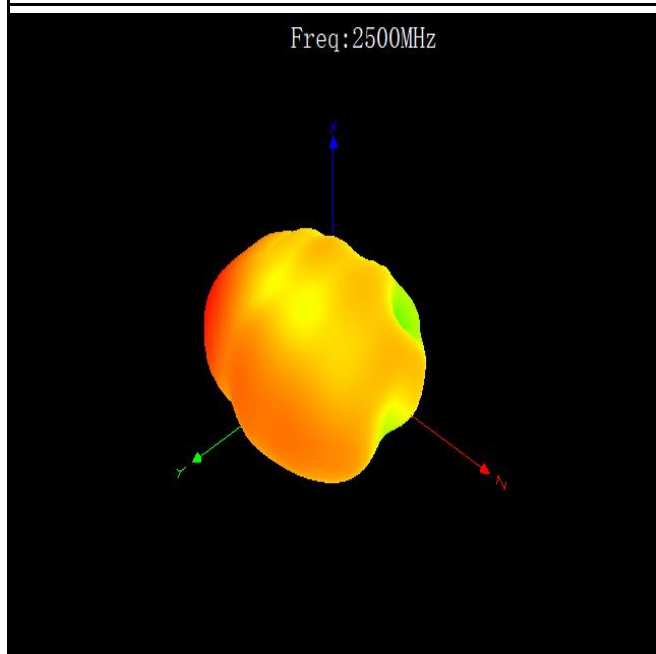




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3D-Etotal (2500Mhz)





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THANK YOU!