



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

HUACHUANG TECHNOLOGY LTD

Antenna Test Report

Tester : Hu Lin
Date : 2025 / 04/ 07



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1. Device Profile

2. BT Test



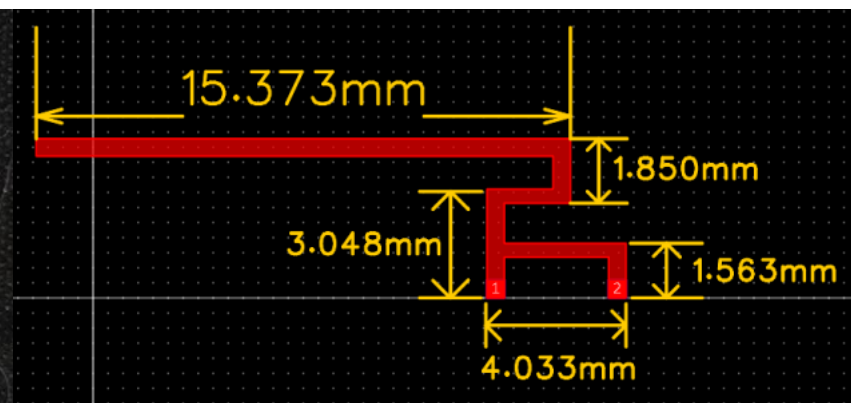
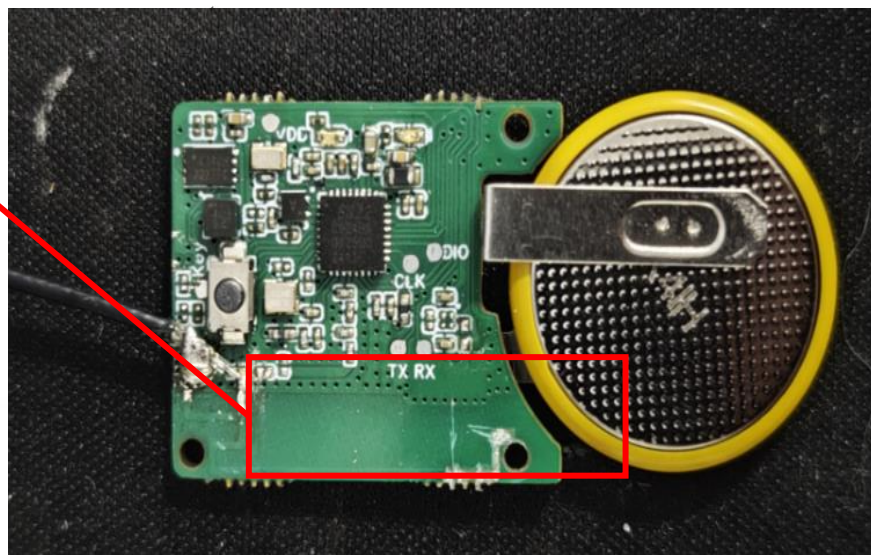
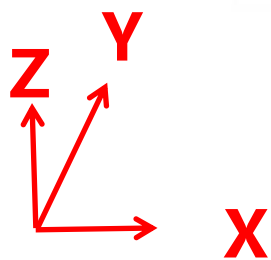
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1. Device Profile

M/N:S05T

BT Antenna



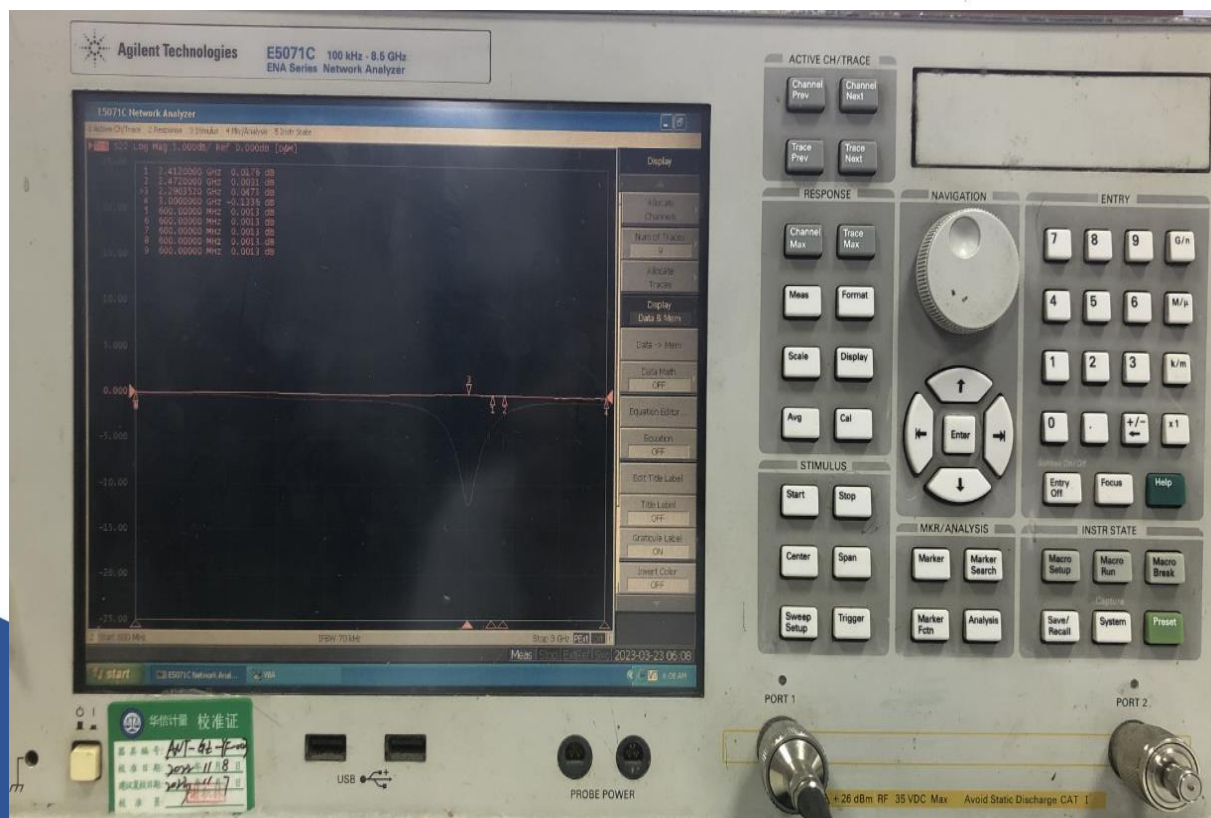


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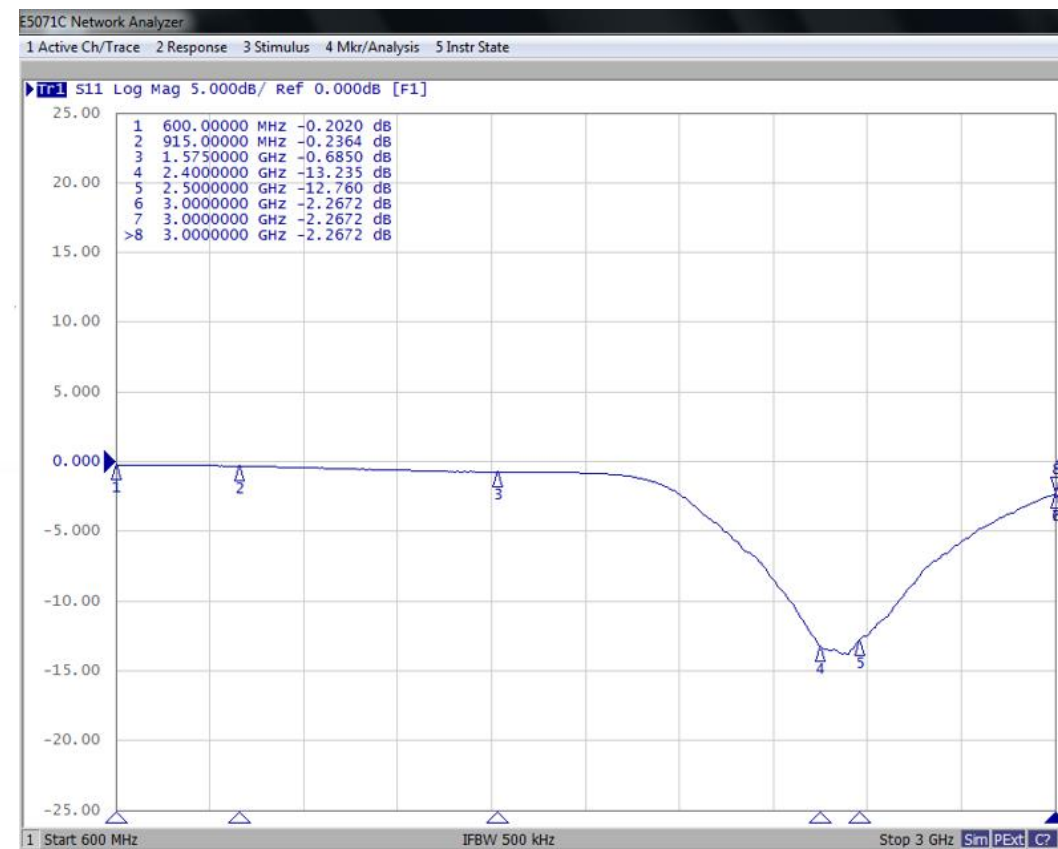
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2. BT Test

Agilent E5071C



S-Parameter Test

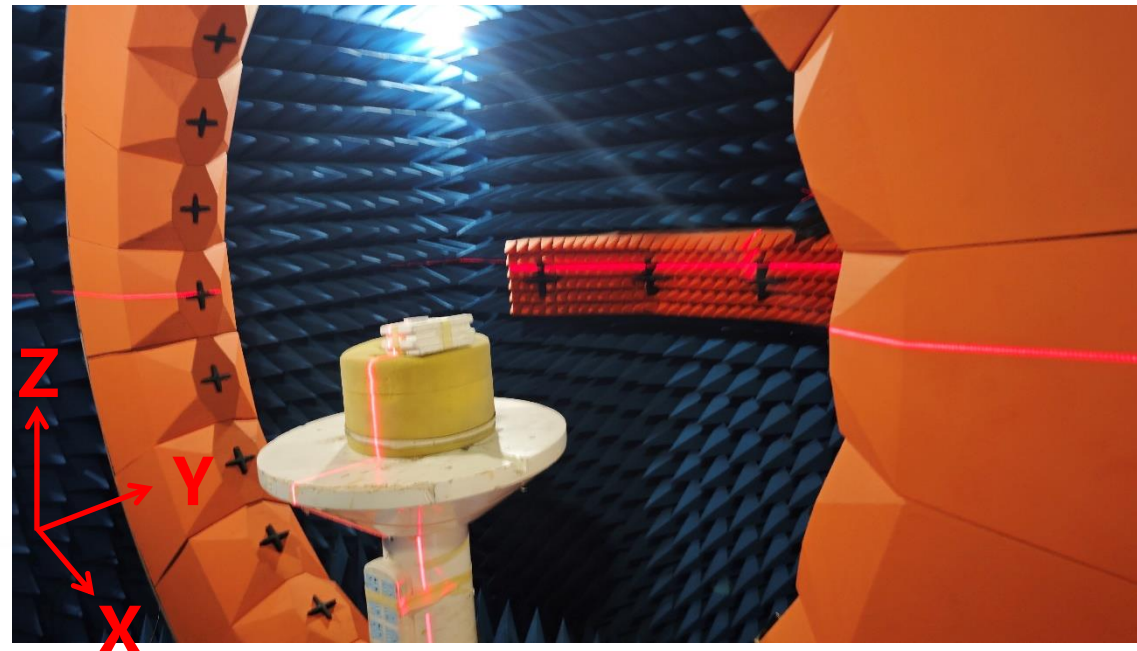
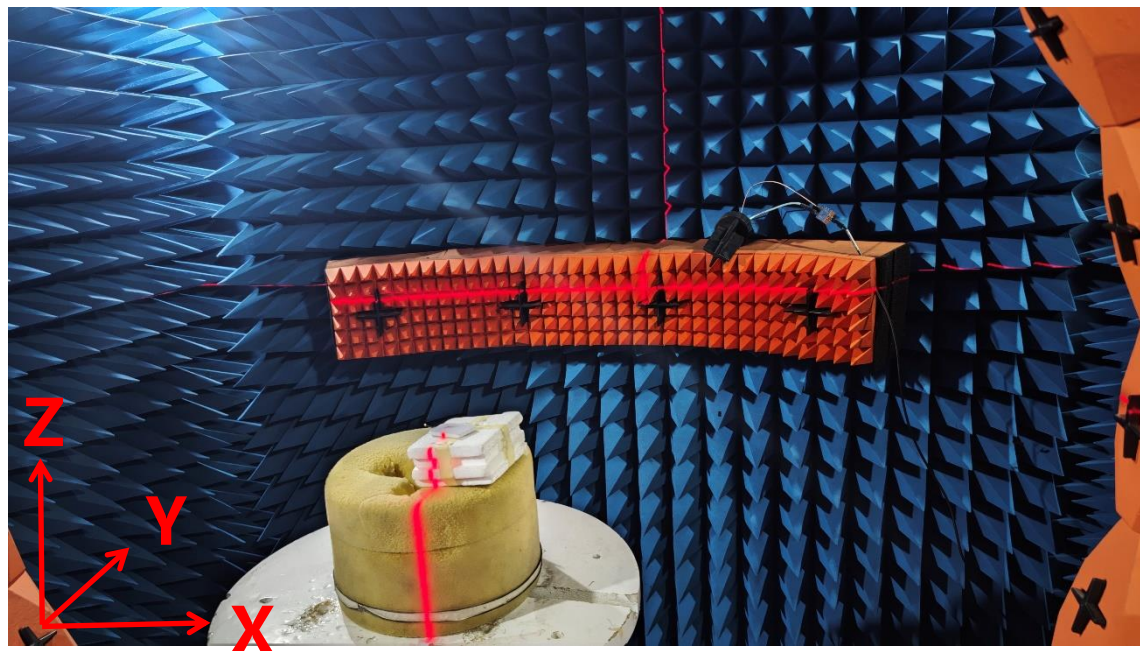




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-3.59	43.75	2.46
2410	-3.44	45.29	2.28
2420	-3.6	43.65	2.46
2430	-3.23	47.53	3.03
2440	-3.85	41.21	2.76
2450	-3.19	47.97	3.44
2460	-4.01	39.72	2.45
2470	-3.18	48.08	4.25
2480	-3.76	42.07	2.96
2490	-2.93	50.93	4.54
2500	-3.52	44.46	2.39

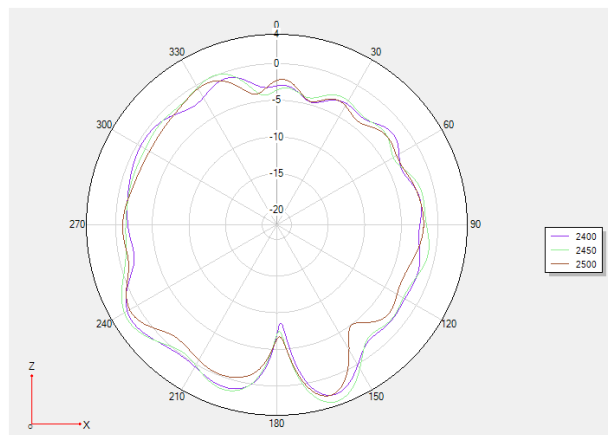


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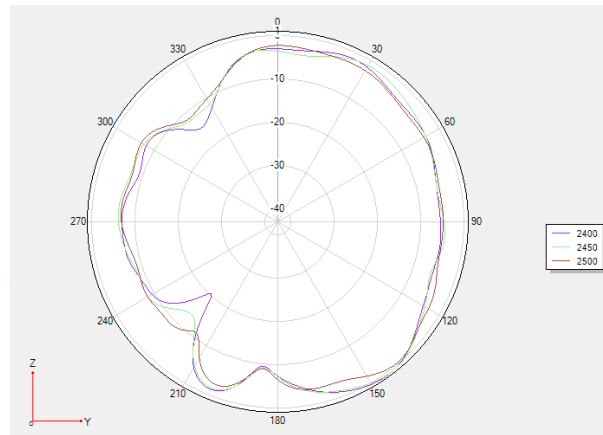
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2D-Etotal (2400/2450/2500Mhz)

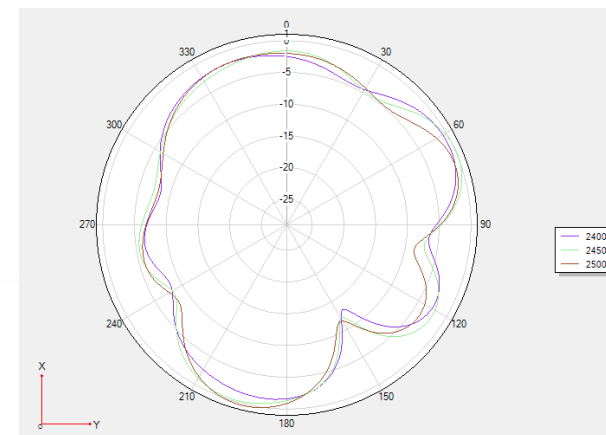
Phi 0 2D



Phi 90 2D



Theta 90 2D

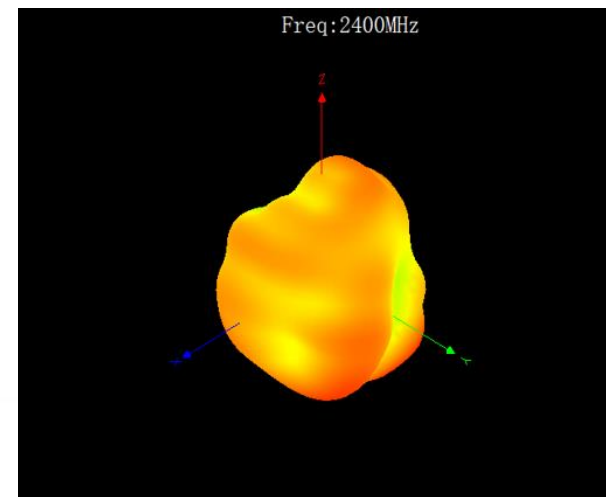
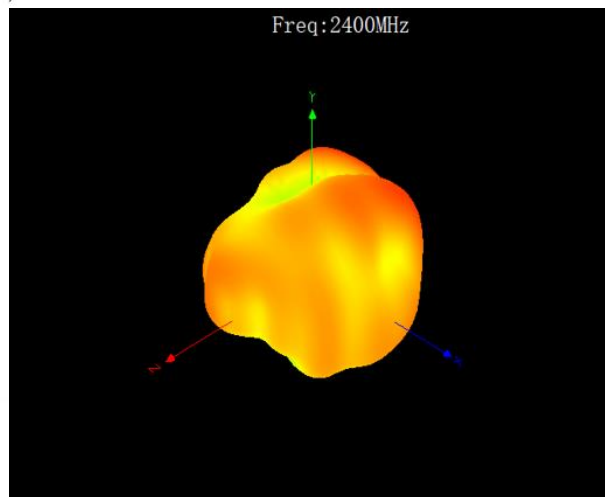
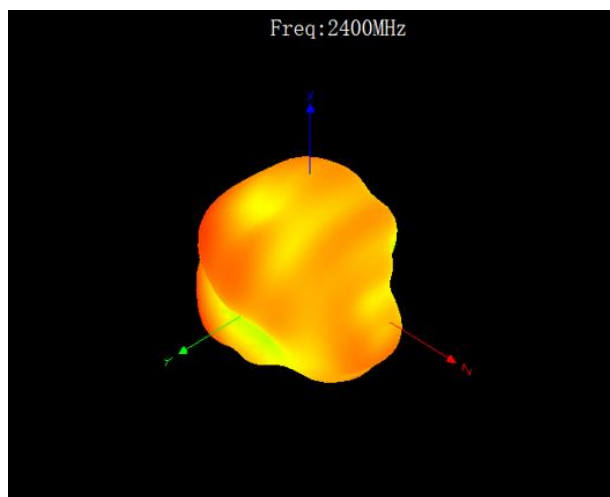




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3D-Etotal (2400Mhz)

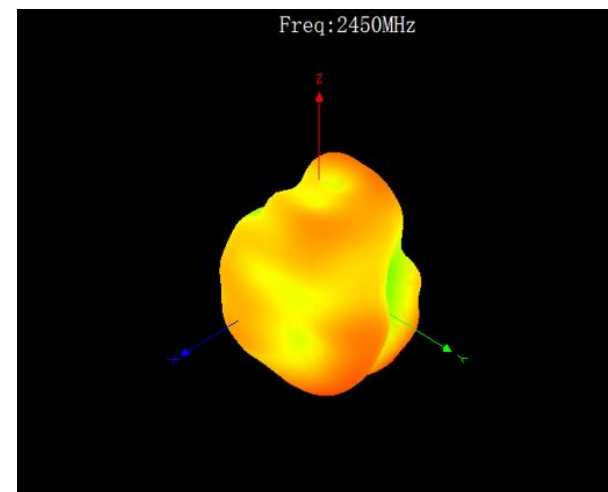
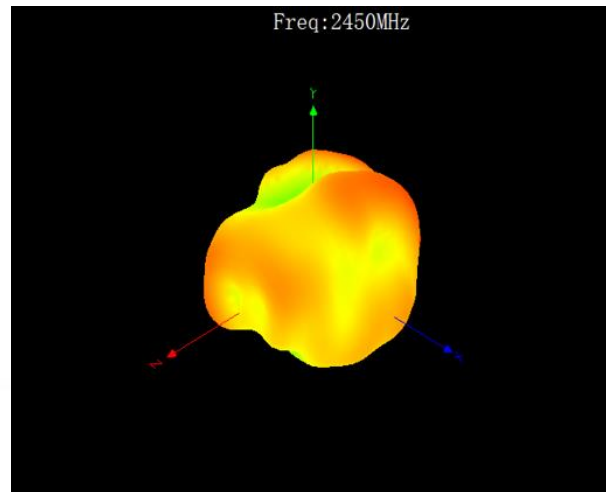
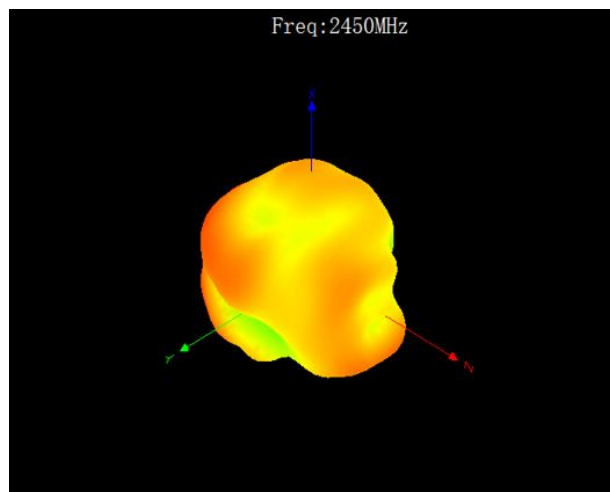




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3D-Etotal (2450Mhz)

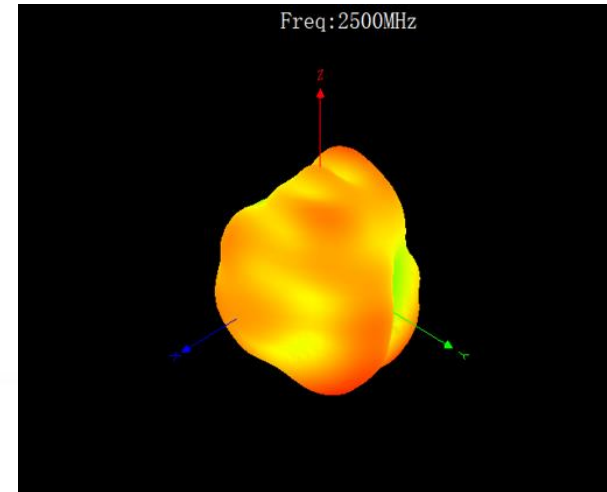
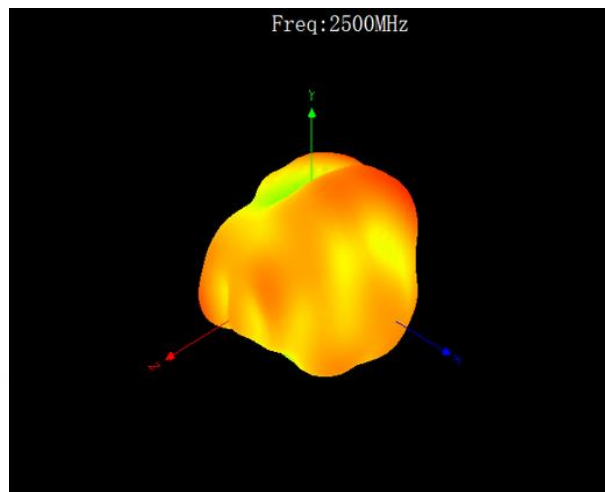
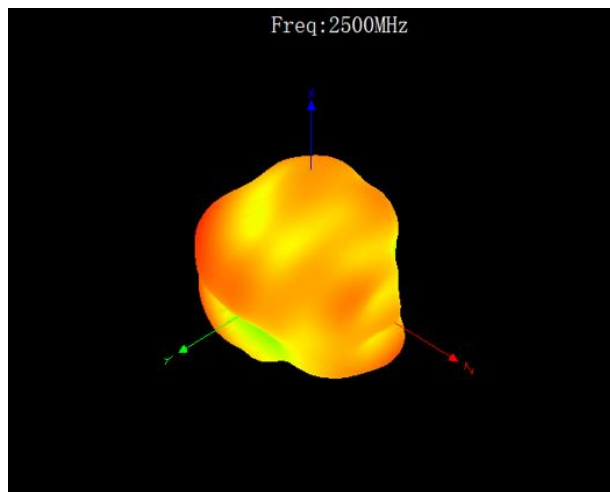




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3D-Etotal (2500Mhz)





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THANK YOU!