



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

Antenna Test Report

M/N:LW008-PTE

Tester : Hu Lin
Date : 2025 / 01 / 13

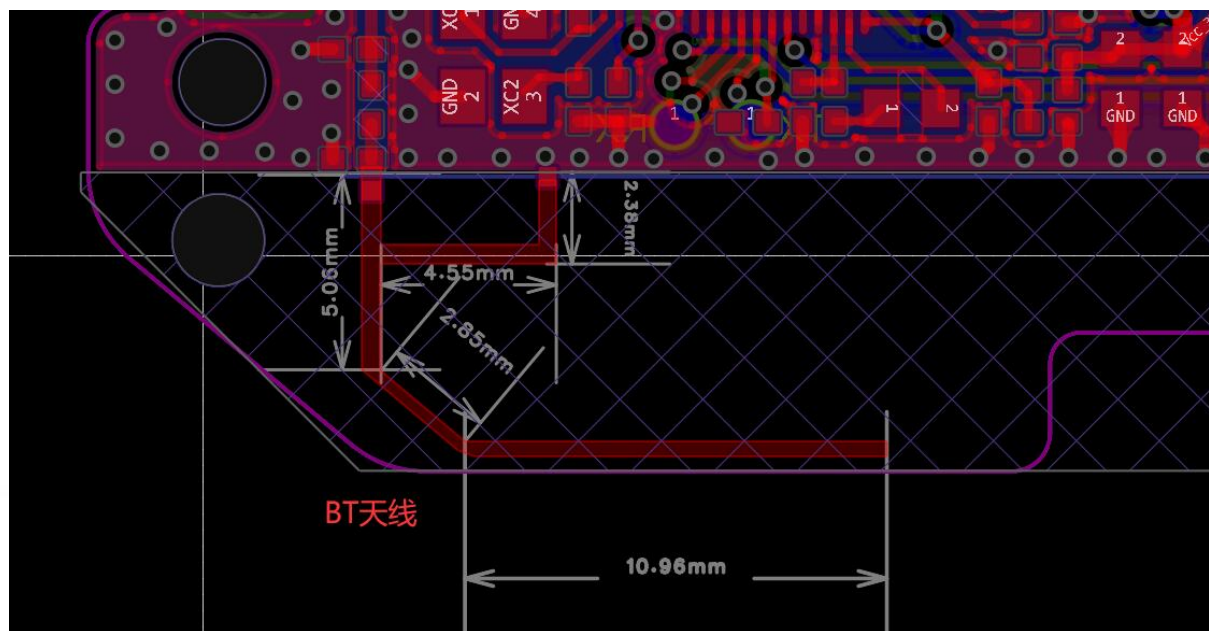


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1. Device Profile

2. BT Test

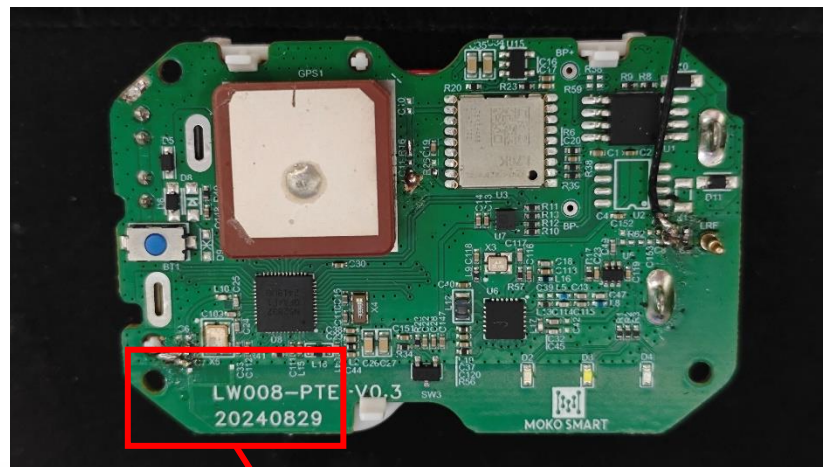




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1. Device Profile



BT Antenna

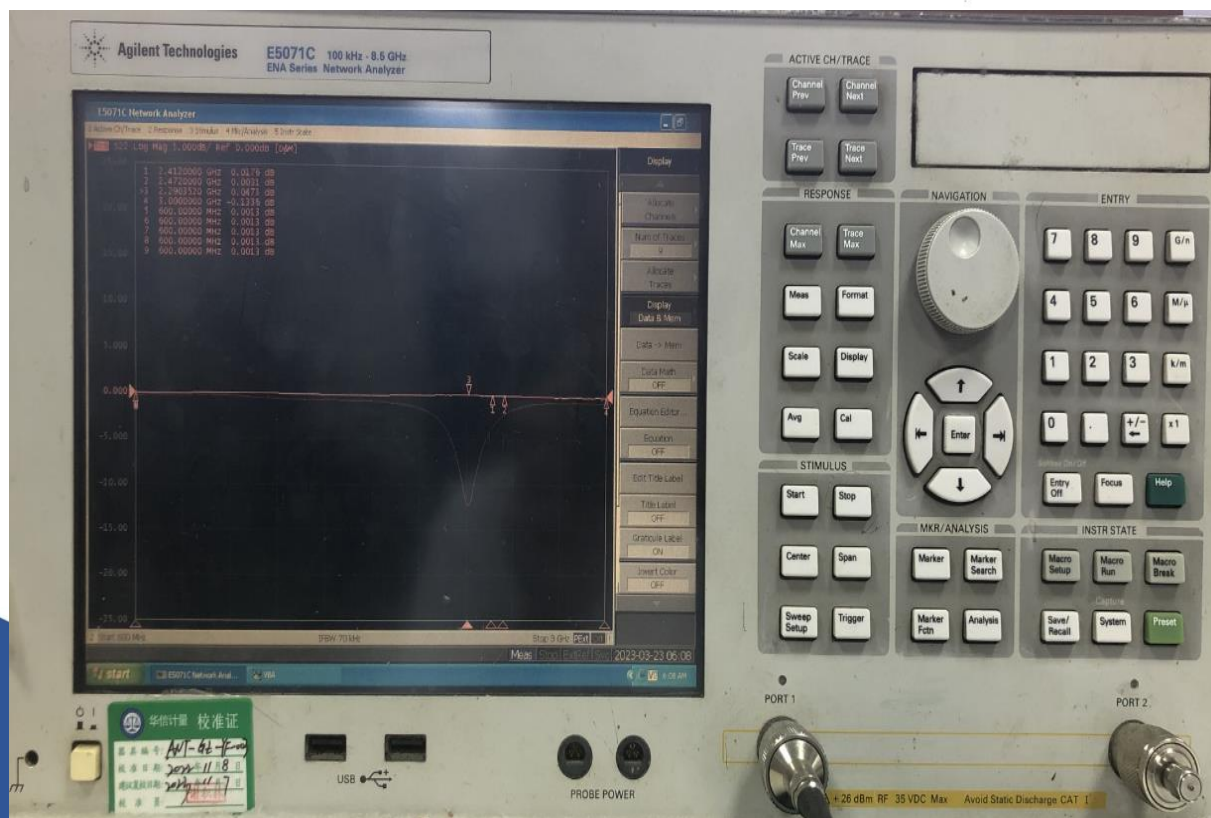


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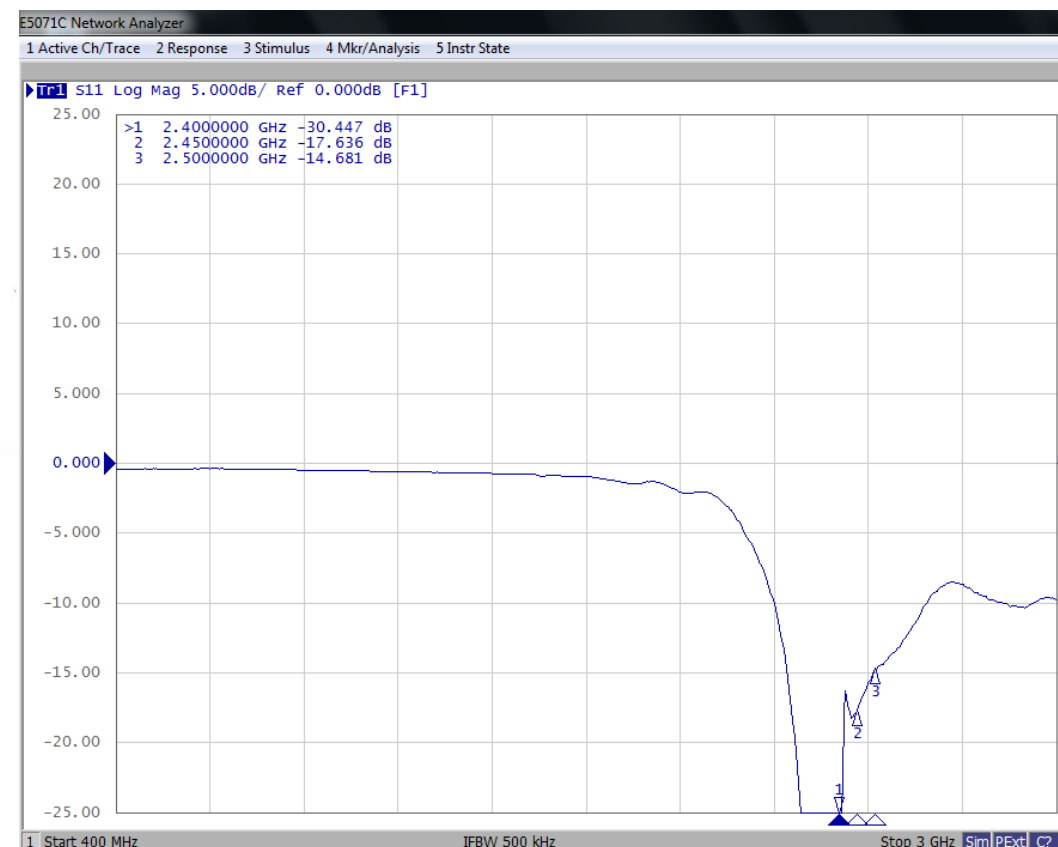
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2. BT Test

Agilent E5071C



S-Parameter Test

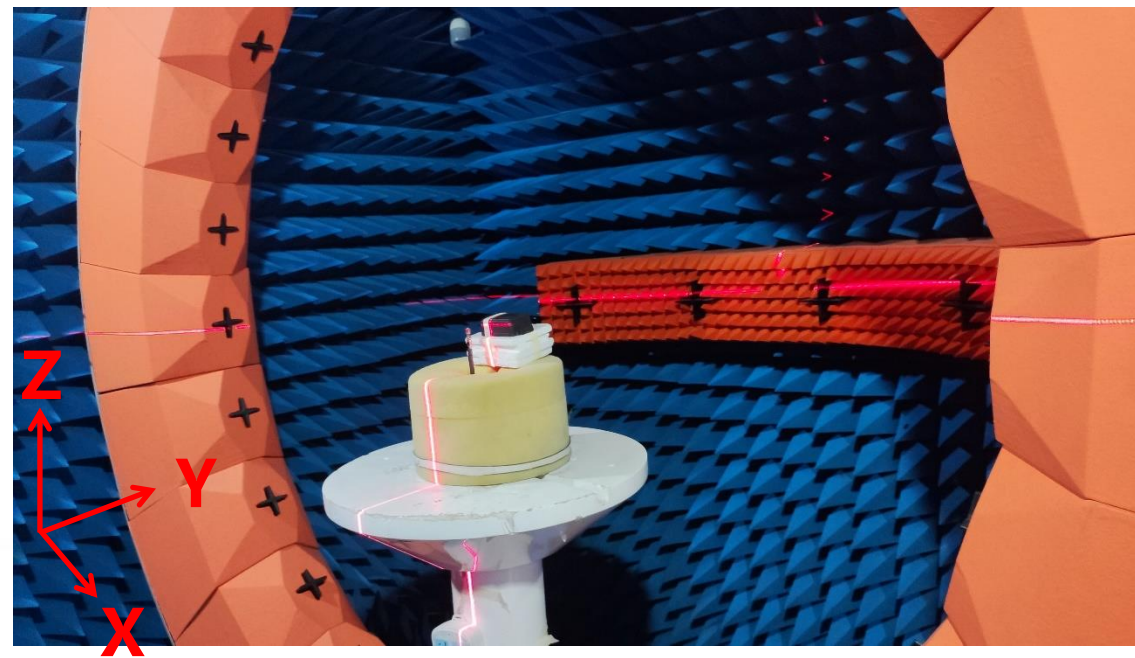
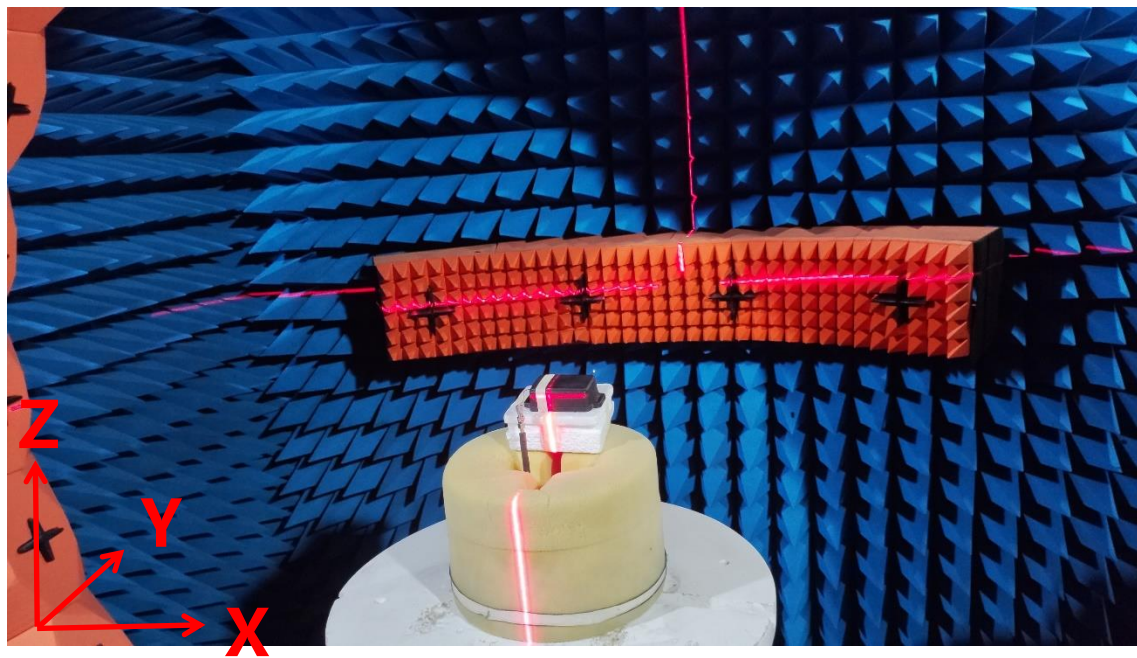




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Antenna Passive Test

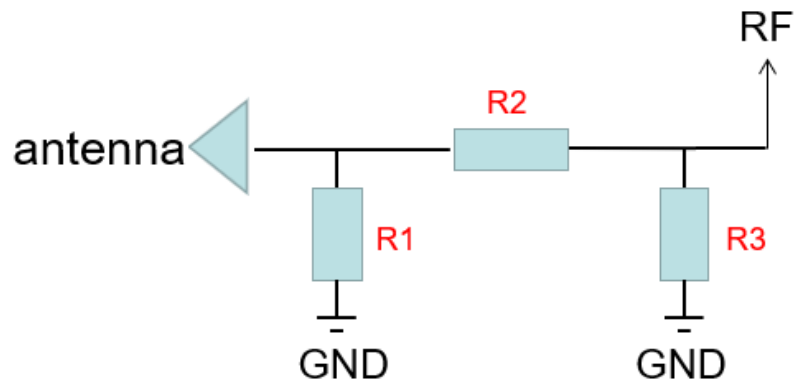




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BT天线匹配



位号	值
R1	0.75PF
R2	3.9NH
R3	NC



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Passive Test			
Frequency/MHz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-3.59	43.75	0.88
2410	-4.73	33.65	0.46
2420	-4.33	36.9	0.18
2430	-4.38	36.48	-0.44
2440	-4.17	38.28	-0.1
2450	-4	39.81	-0.34
2460	-4.01	39.72	-0.09
2470	-4.19	38.11	0.08
2480	-4.18	38.19	-0.34
2490	-3.92	40.55	0.6
2500	-4.09	38.99	-0.13

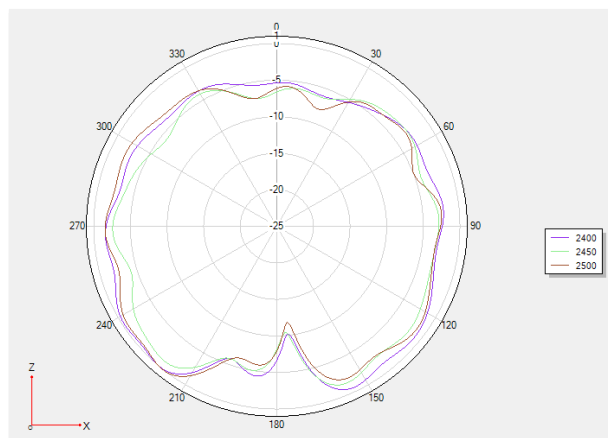


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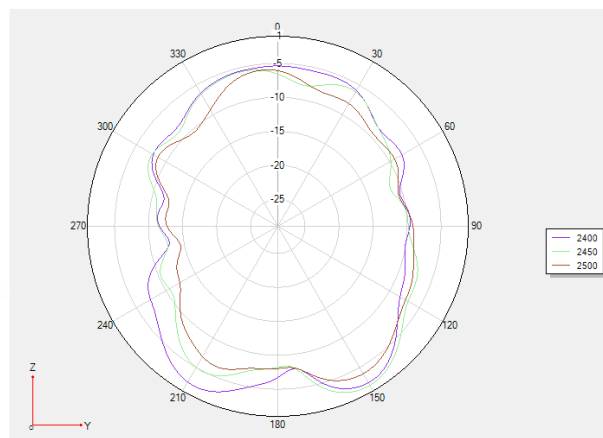
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2D-Etotal (2400/2450/2500Mhz)

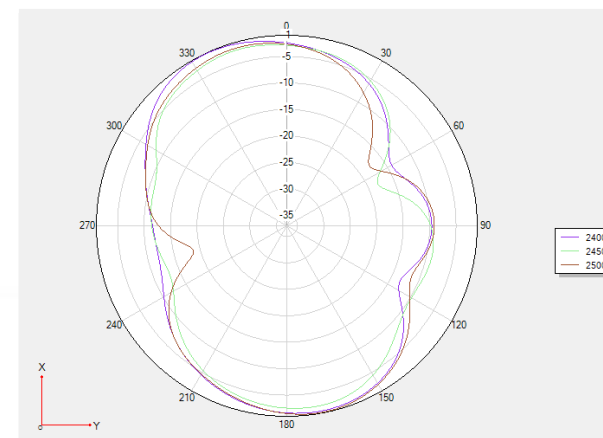
Phi 0 2D



Phi 90 2D



Theta 90 2D

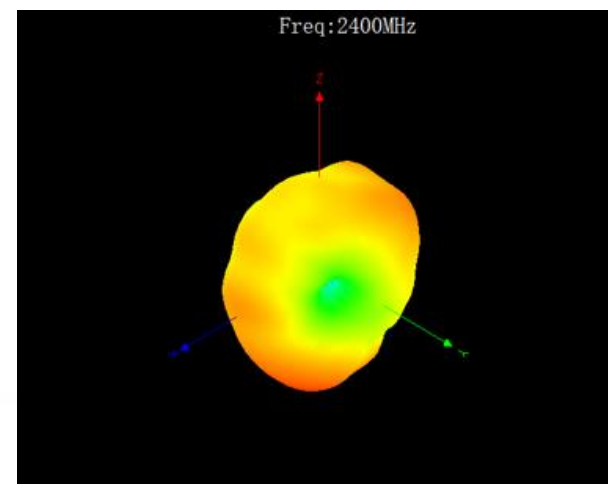
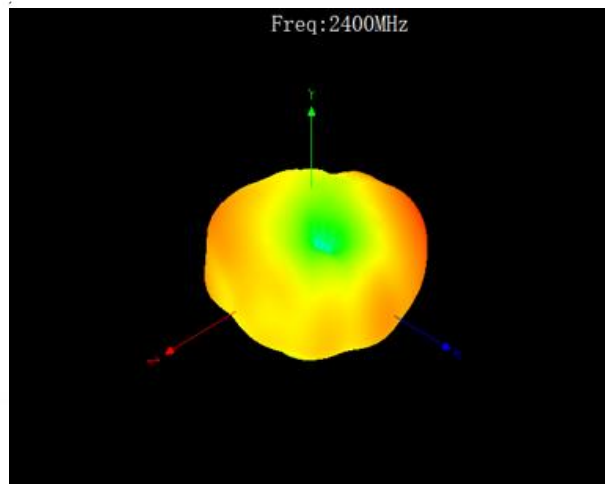
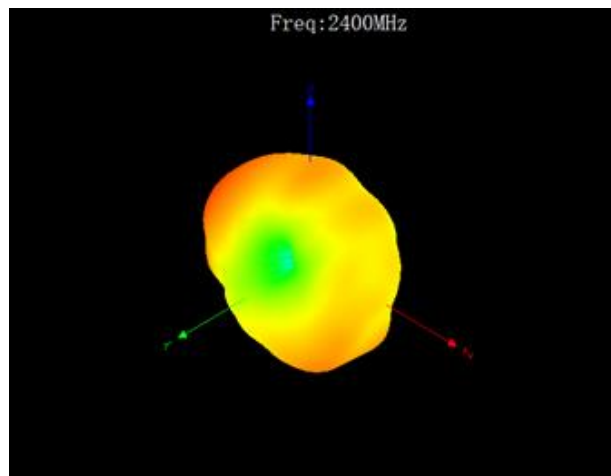




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3D-Etotal (2400Mhz)

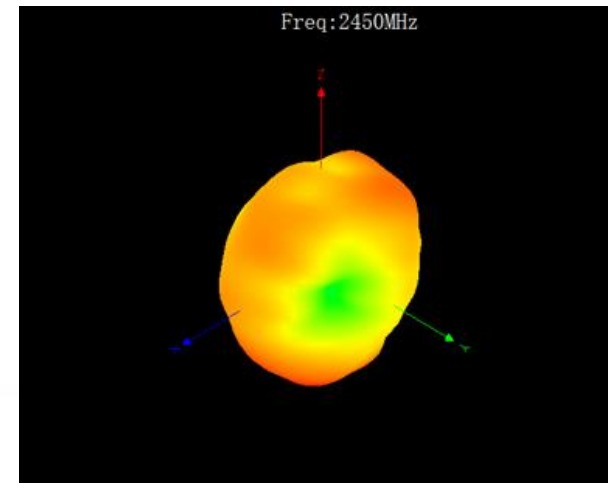
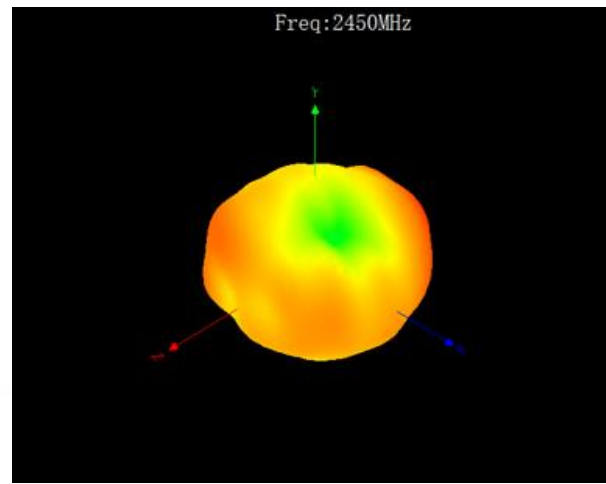
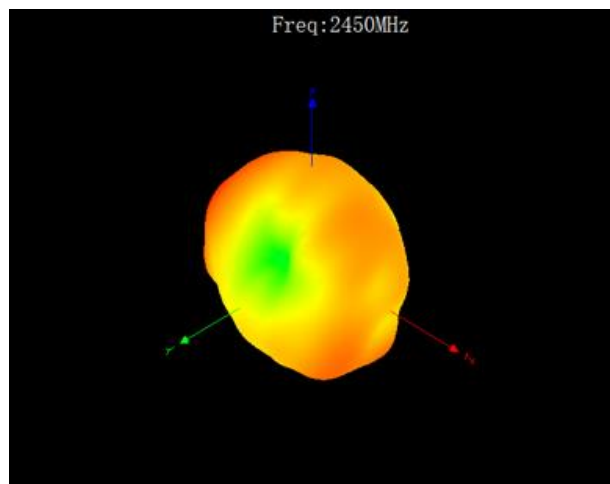




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3D-Etotal (2450Mhz)

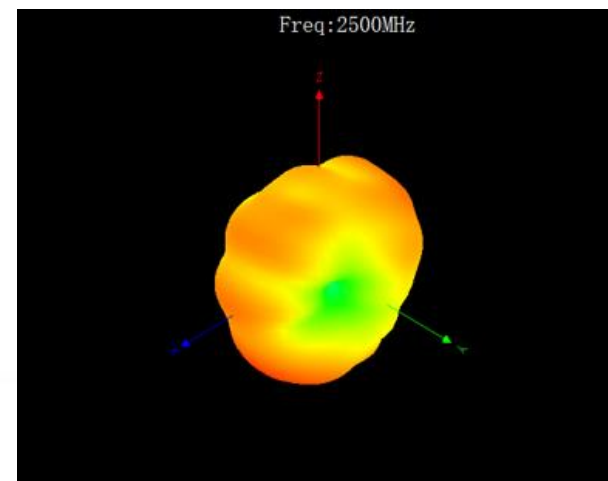
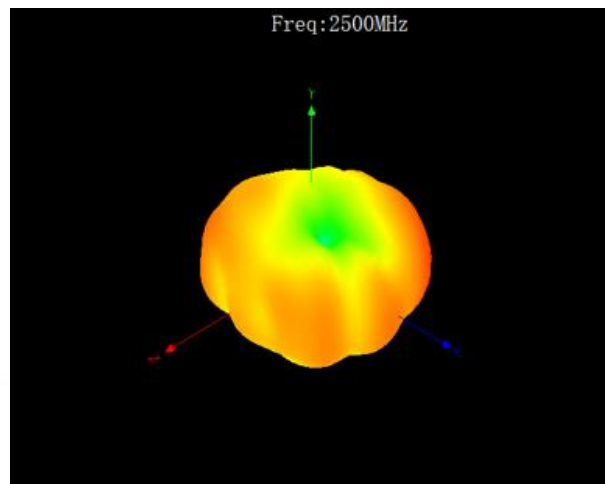
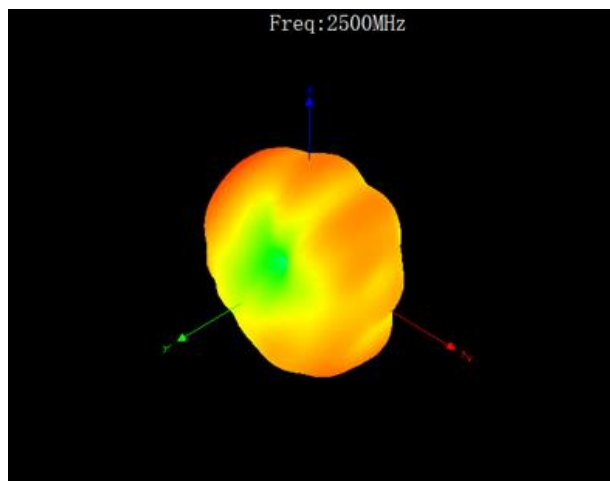




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3D-Etotal (2500Mhz)





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THANK YOU!