



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

M/N:B5

Tester : Hu Lin
Date : 2025 / 02/ 18

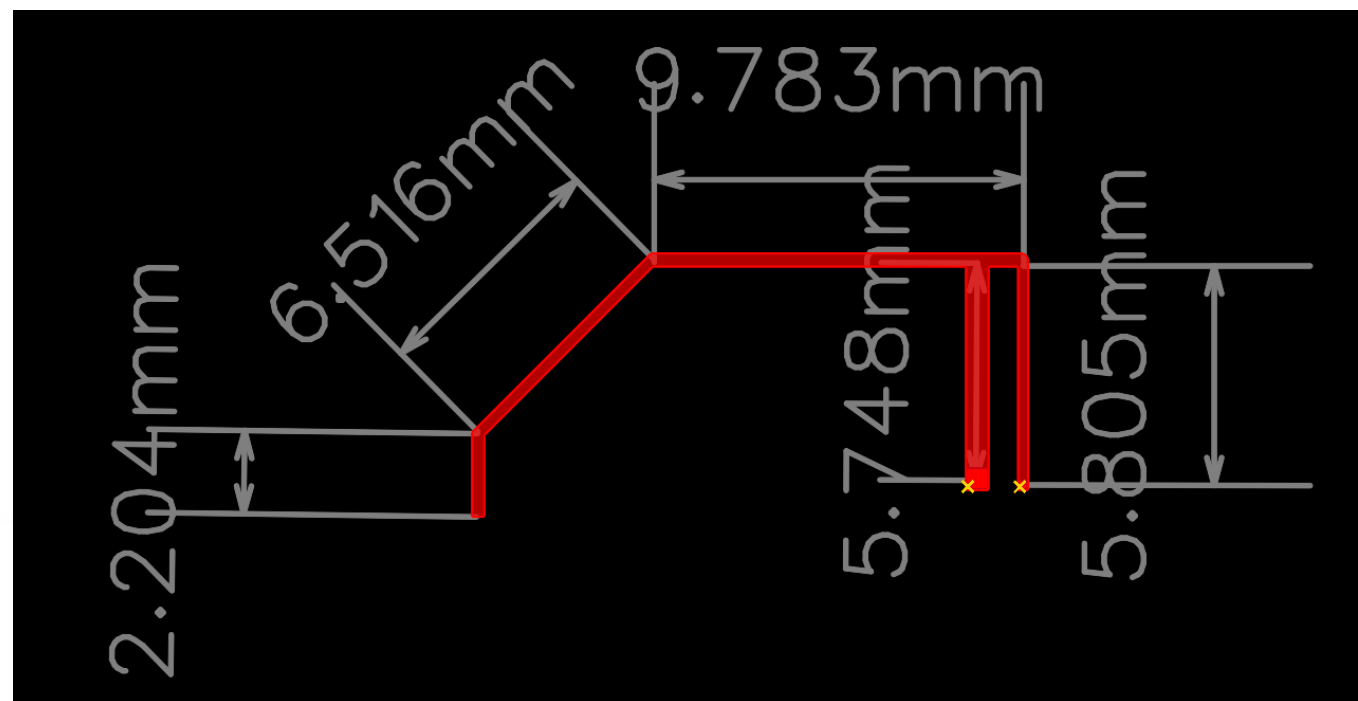


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1. Device Profile

2. BT Test





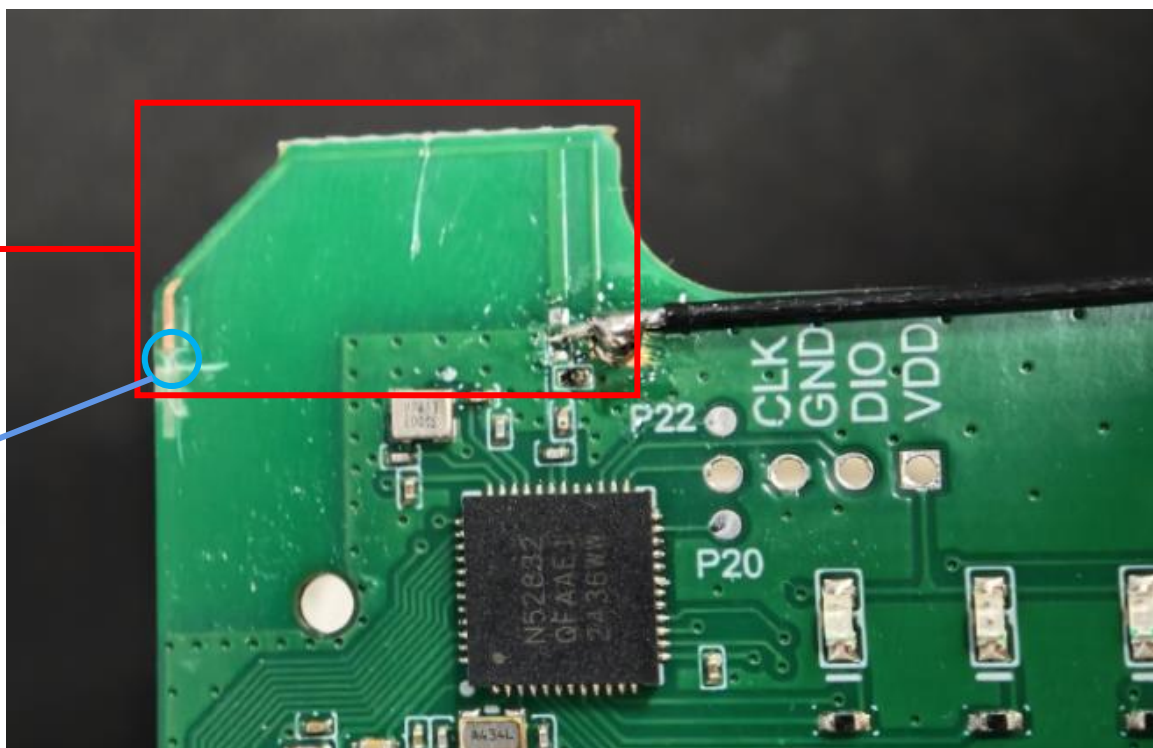
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1. Device Profile

BT Antenna

此处剪短1mm



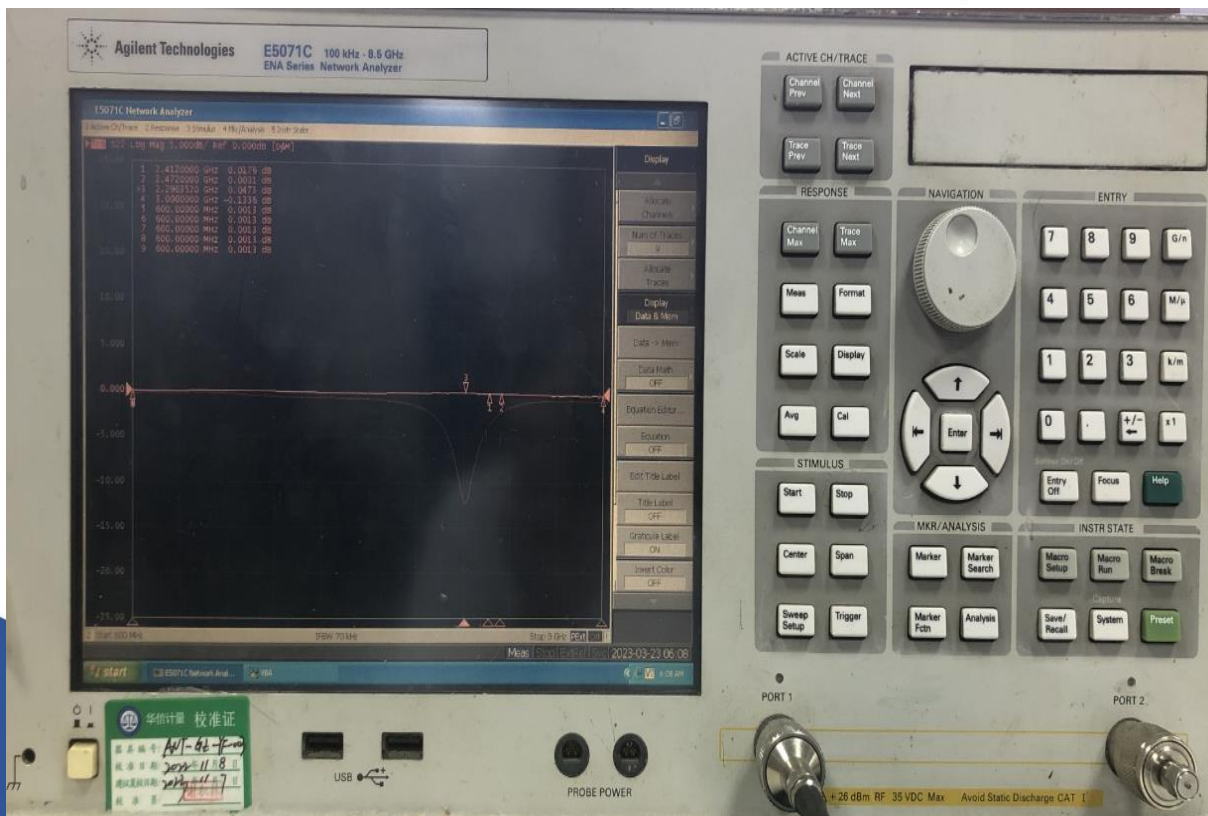


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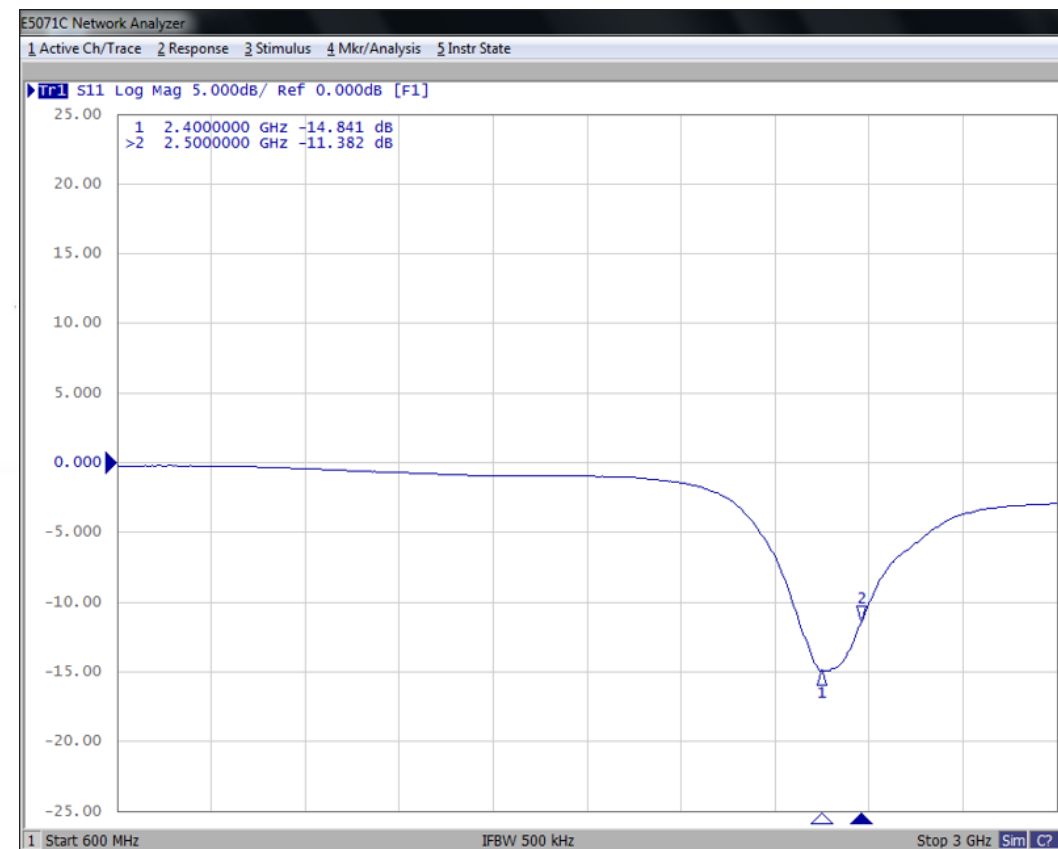
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2. BT Test

Agilent E5071C



S-Parameter Test

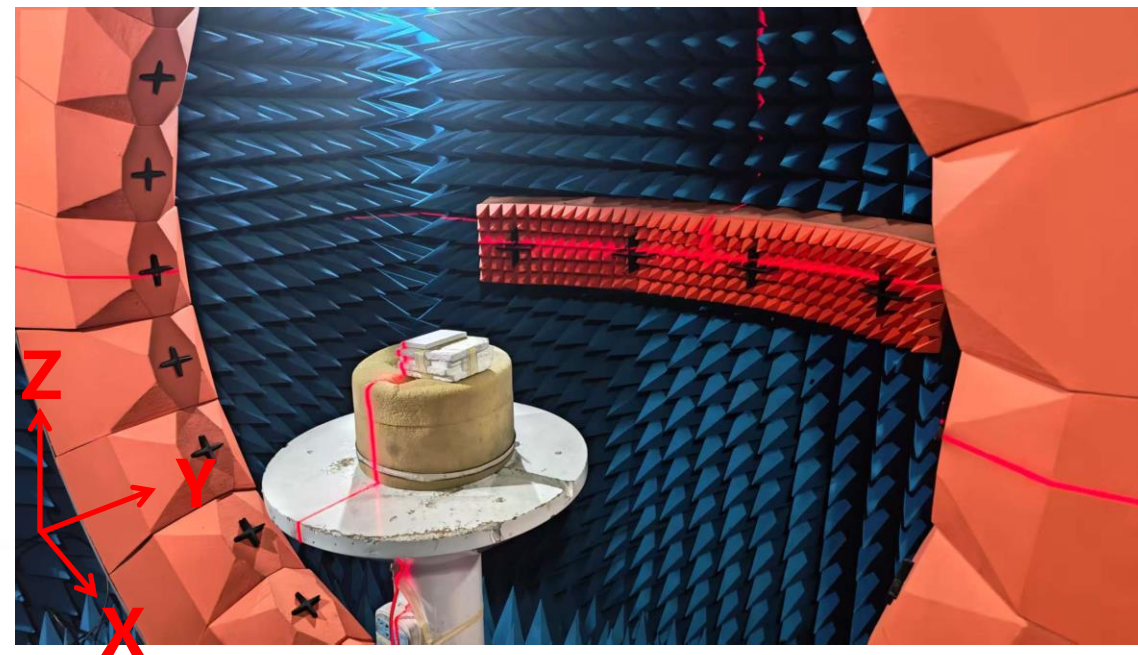
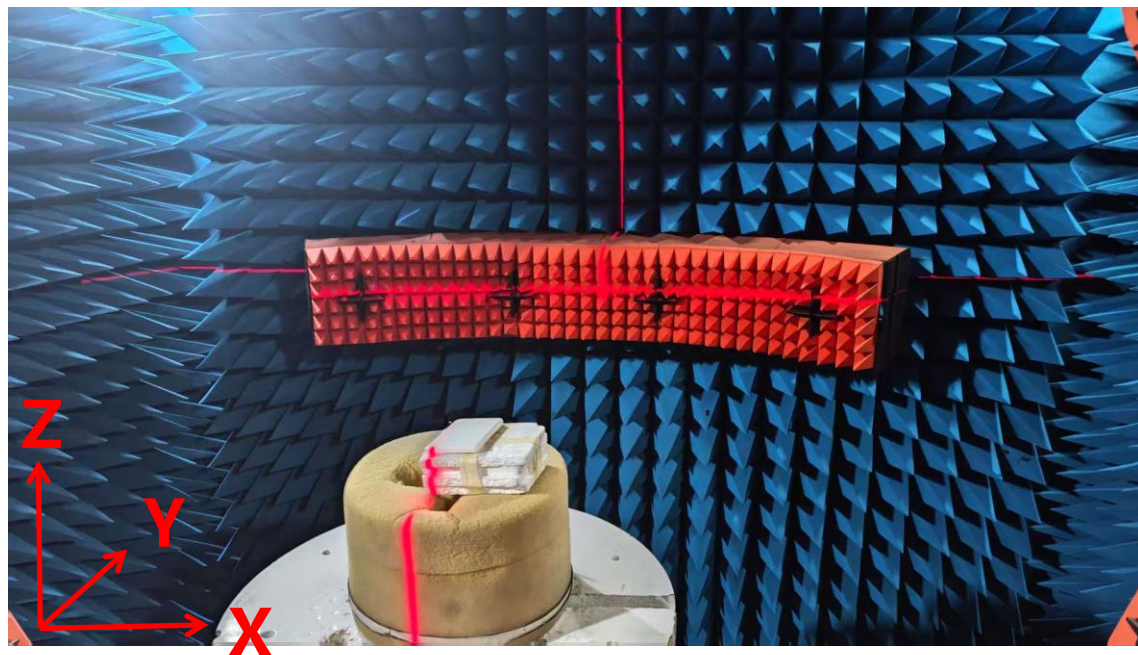




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-2.23	59.84	4.86
2410	-2.9	51.29	3.67
2420	-2.35	58.21	4.68
2430	-2.65	54.33	4.12
2440	-2.76	52.97	3.79
2450	-2.45	56.89	4.42
2460	-2.89	51.4	3.16
2470	-2.31	58.75	4.35
2480	-3.1	48.98	2.38
2490	-2.32	58.61	4.1
2500	-2.91	51.17	2.36

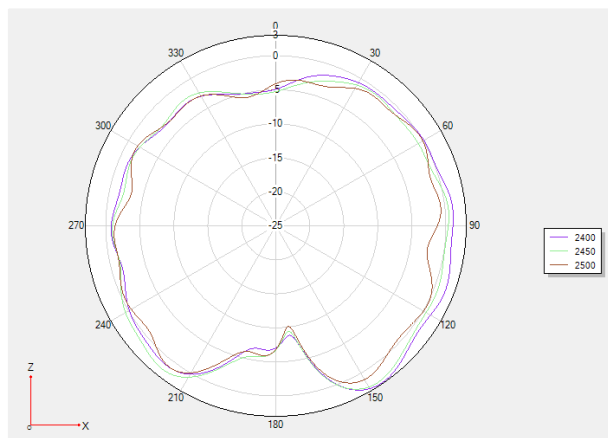


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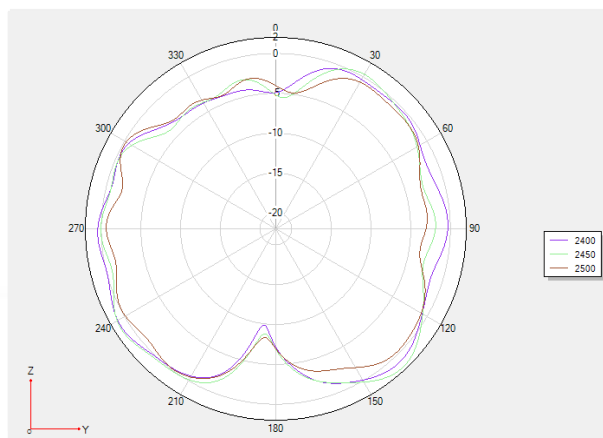
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2D-Etotal (2400/2450/2500Mhz)

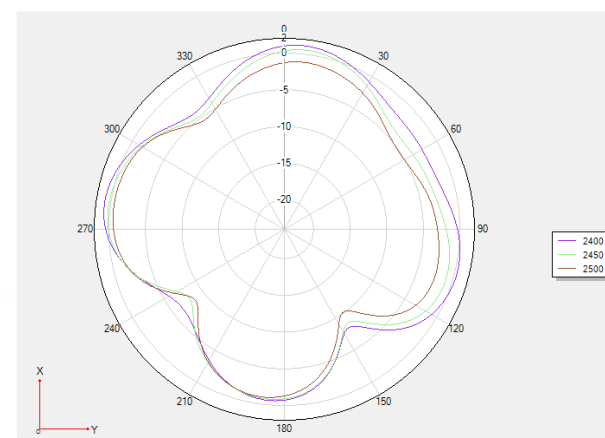
Phi 0 2D



Phi 90 2D



Theta 90 2D

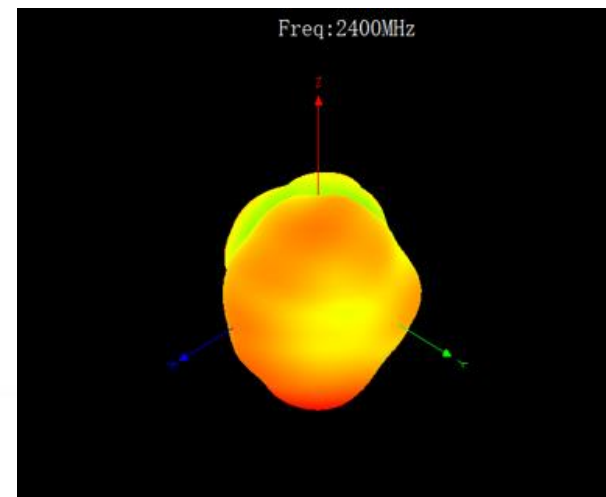
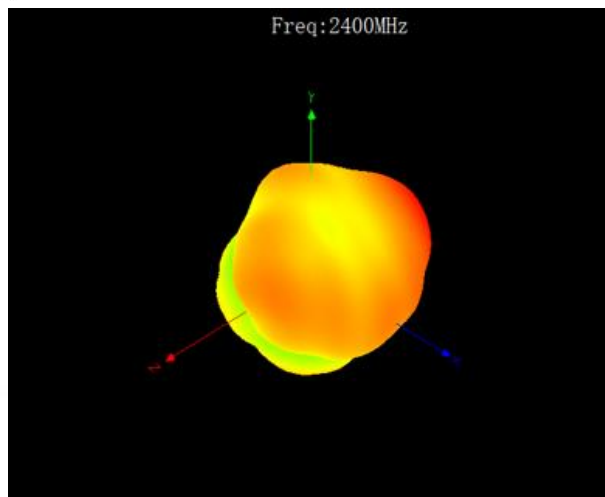
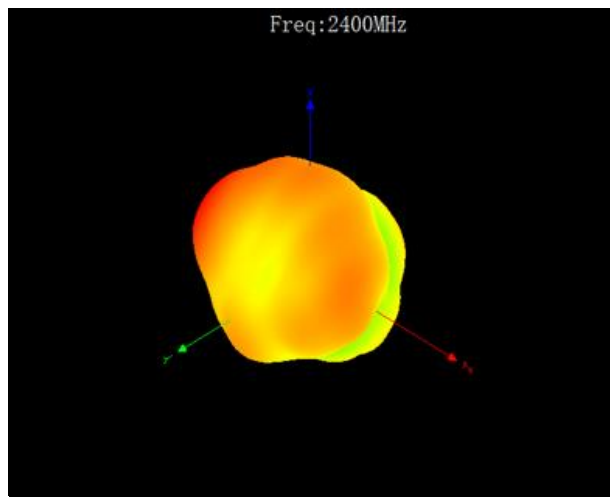




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3D-Etotal (2400Mhz)

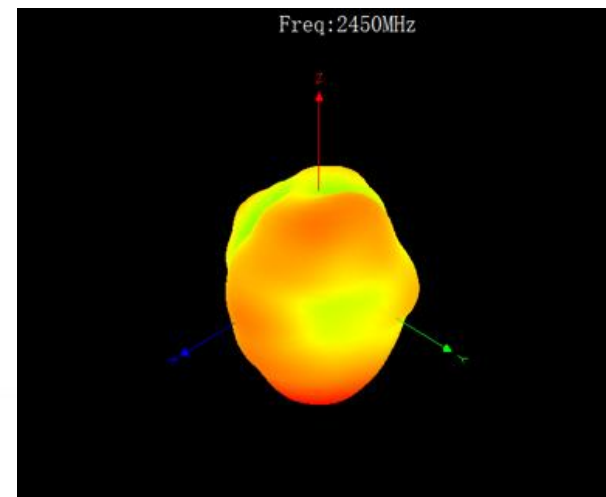
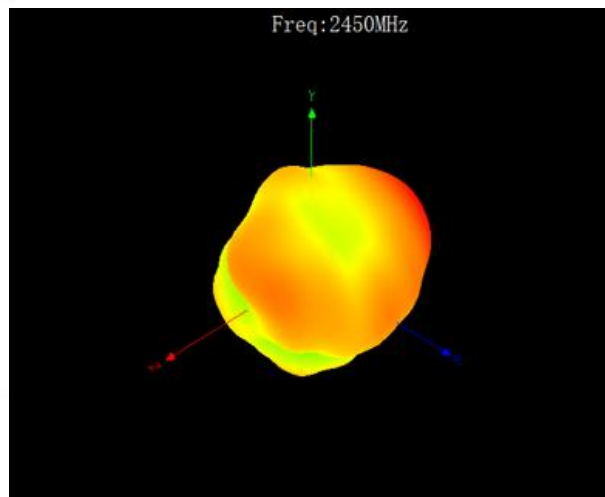
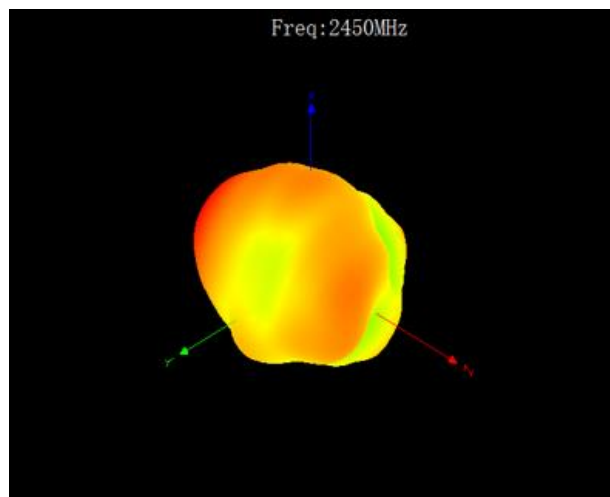




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3D-Etotal (2450Mhz)

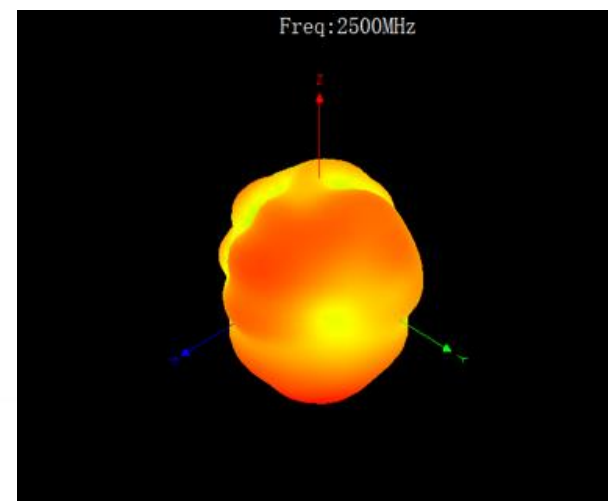
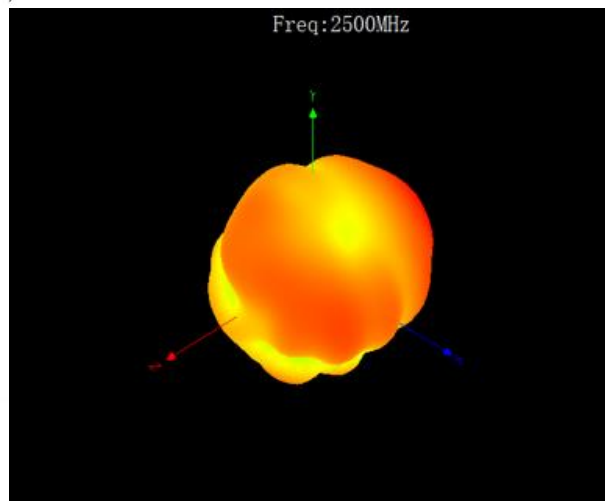
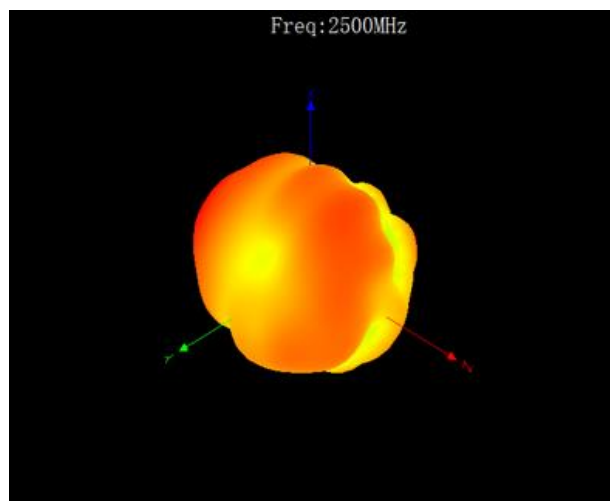




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3D-Etotal (2500Mhz)





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THANK YOU!