



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:MK18A

Tester : Hu Lin
Date : 2025 / 04 / 27

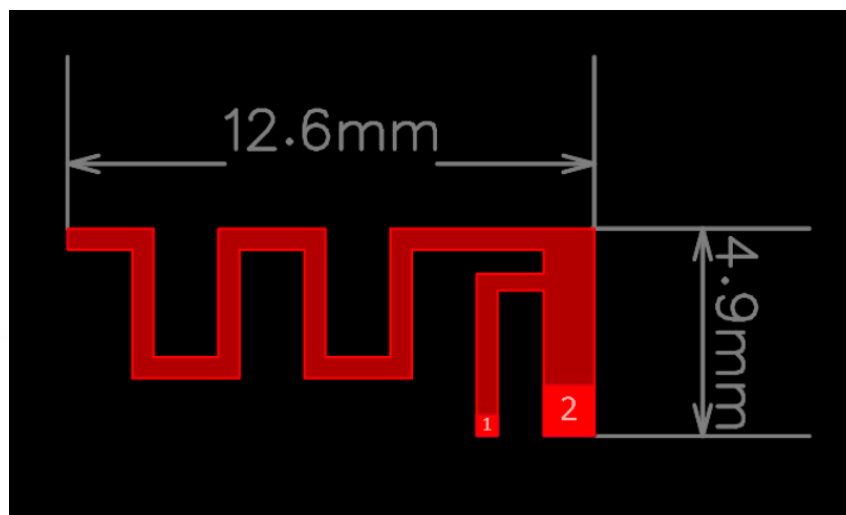


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1. Device Profile

2. BT Test



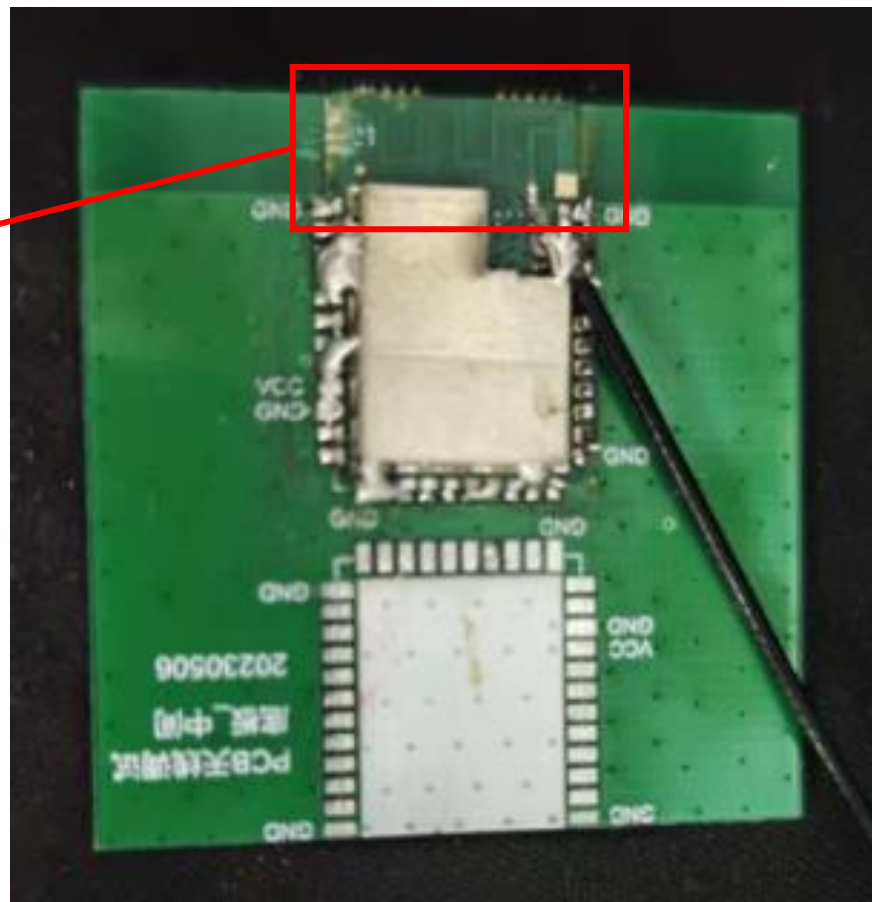


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1. Device Profile

BT Antenna



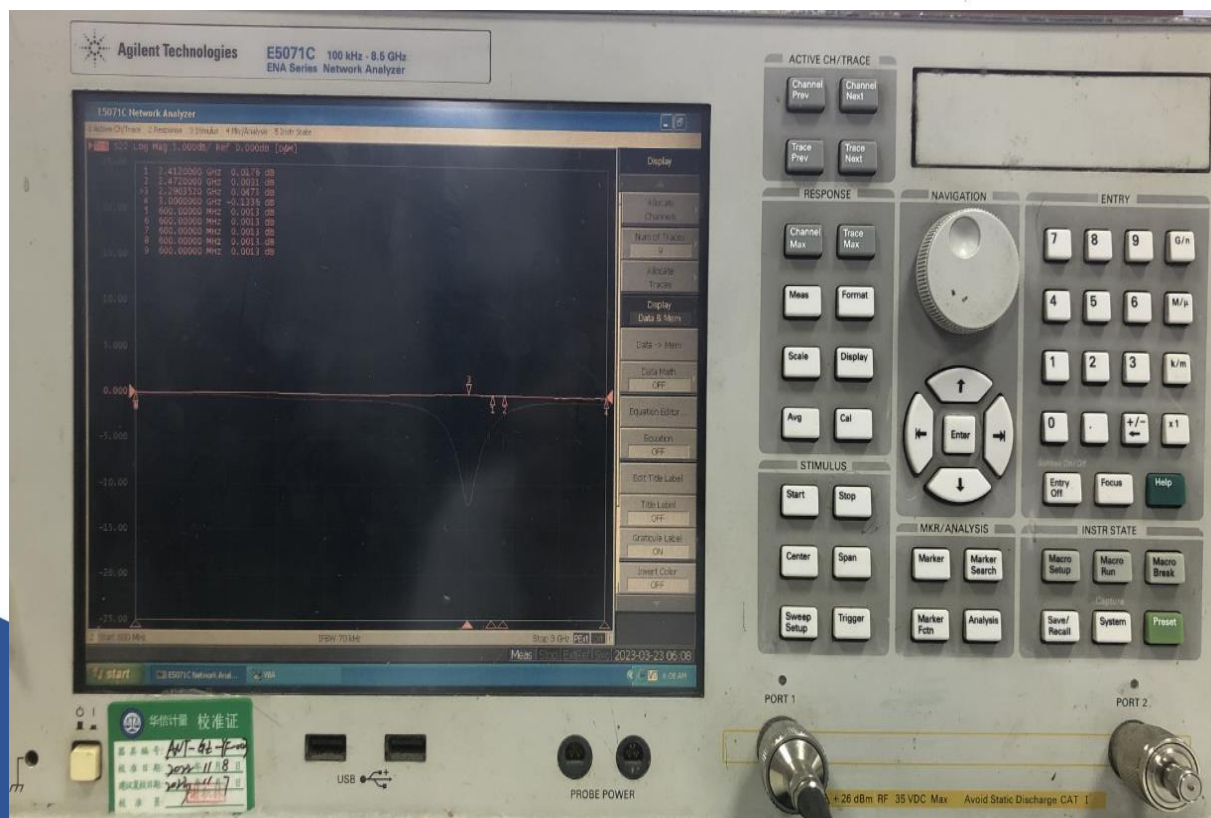


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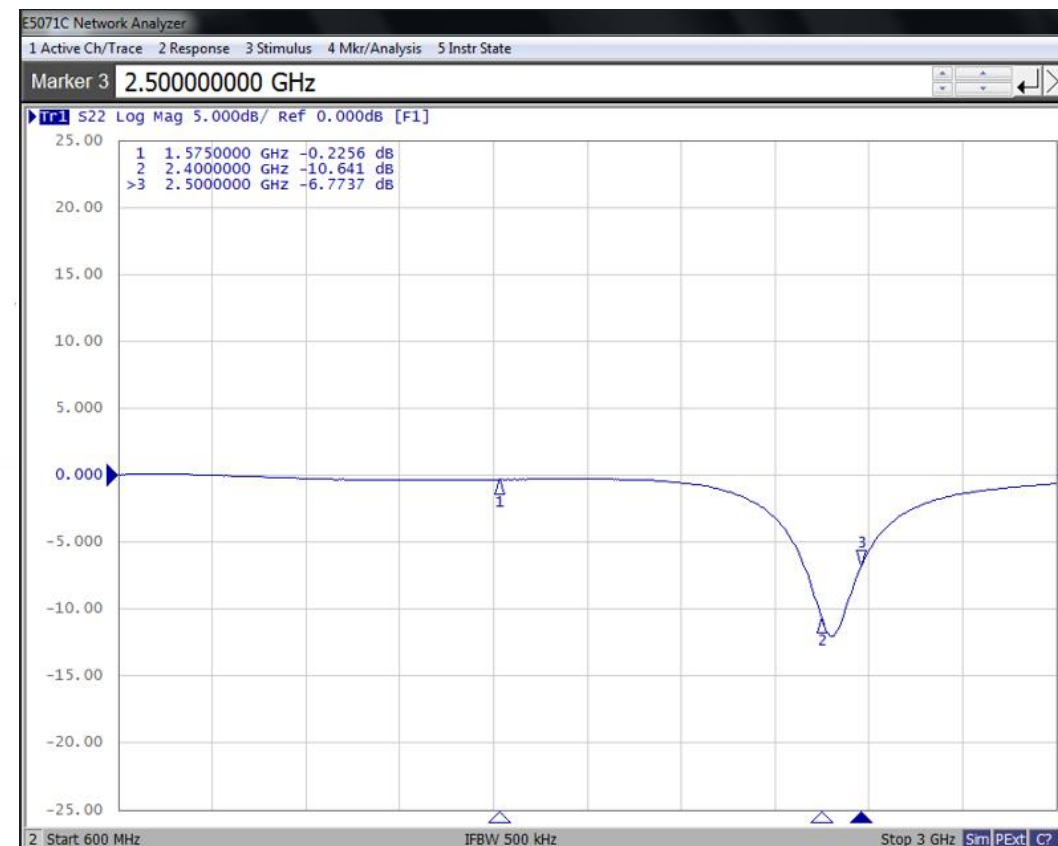
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2. BT Test

Agilent E5071C



S-Parameter Test

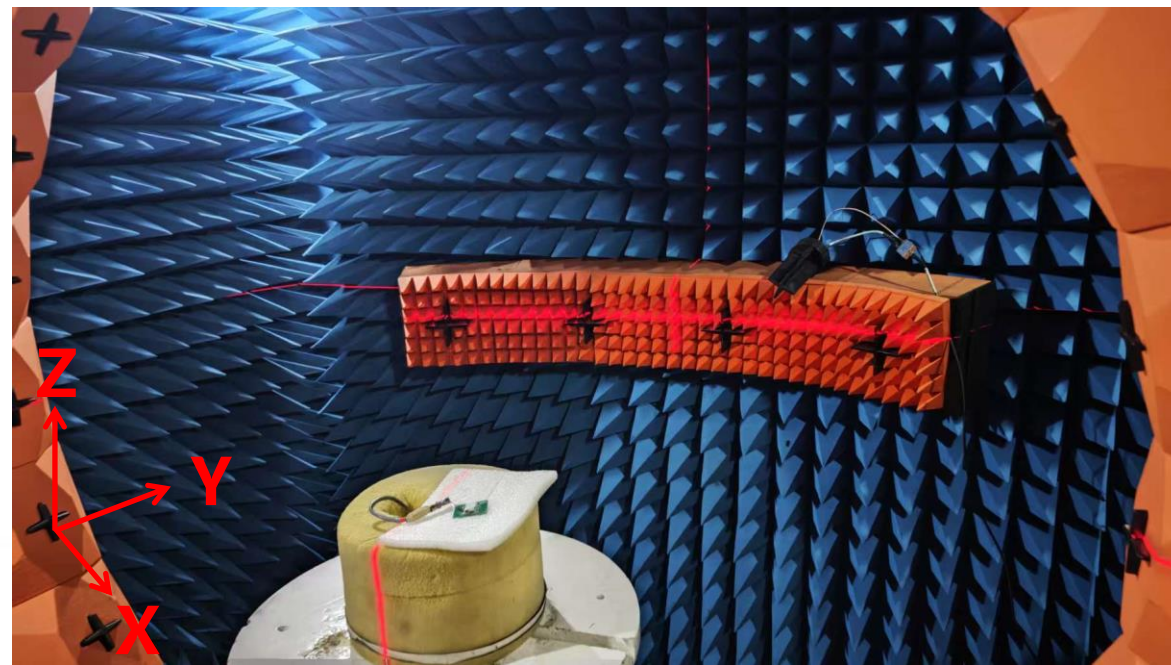
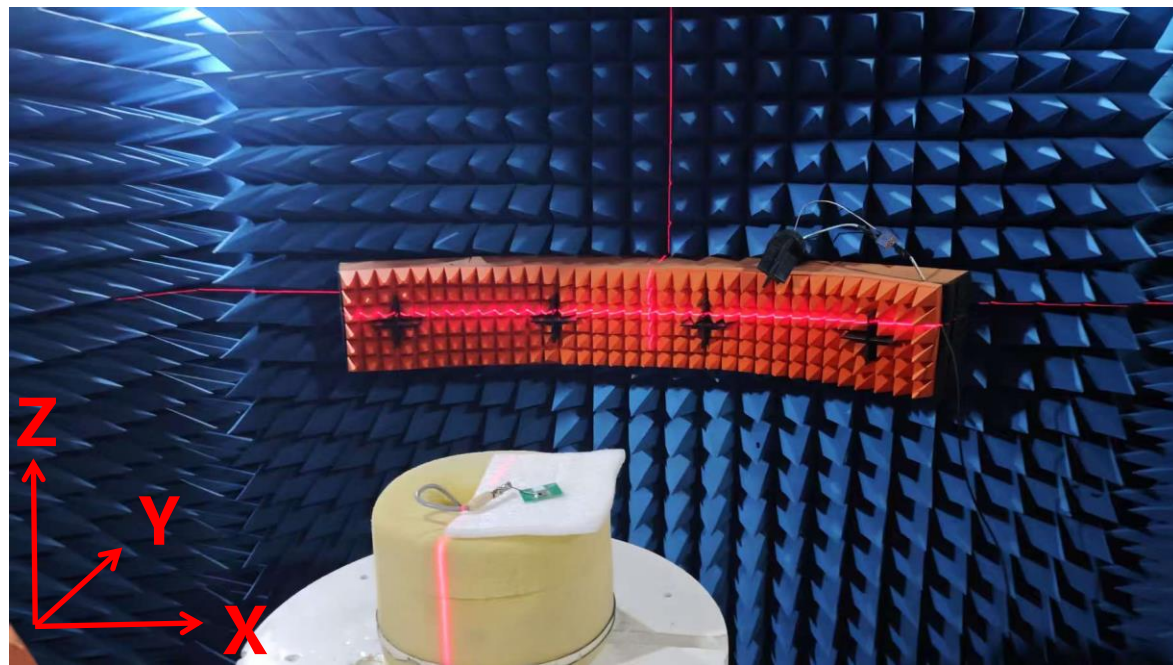




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-3.41	45.6	5.03
2410	-3.81	41.59	3.95
2420	-3.38	45.92	4.88
2430	-3.88	40.93	3.6
2440	-3.52	44.46	4.35
2450	-3.94	40.36	3.79
2460	-3.76	42.07	4.14
2470	-4.16	38.37	3.99
2480	-4.25	37.58	3.82
2490	-4.35	36.73	4.28
2500	-4.78	33.27	3.36

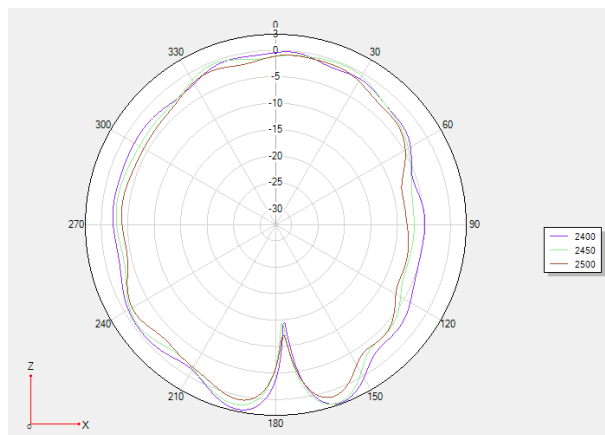


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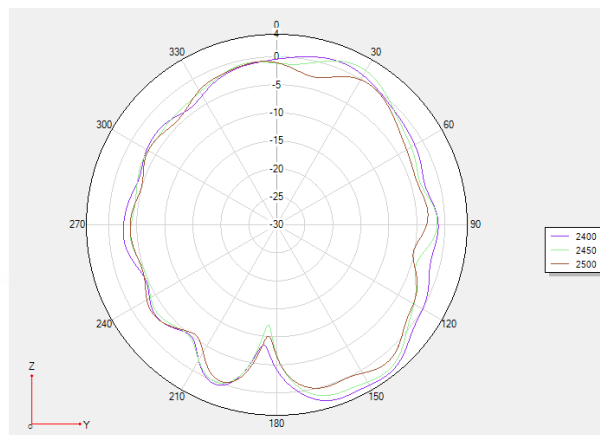
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2D-Etotal (2400/2450/2500Mhz)

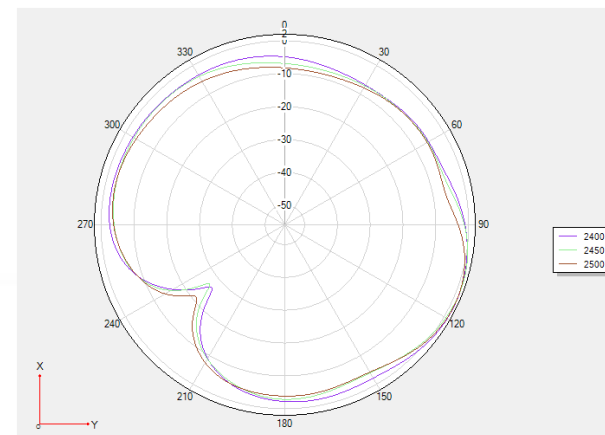
Phi 0 2D



Phi 90 2D



Theta 90 2D

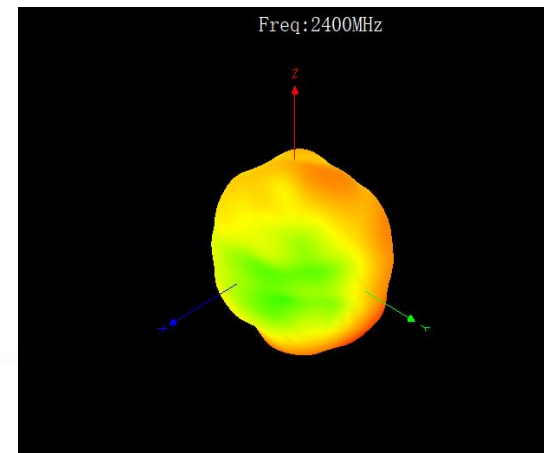
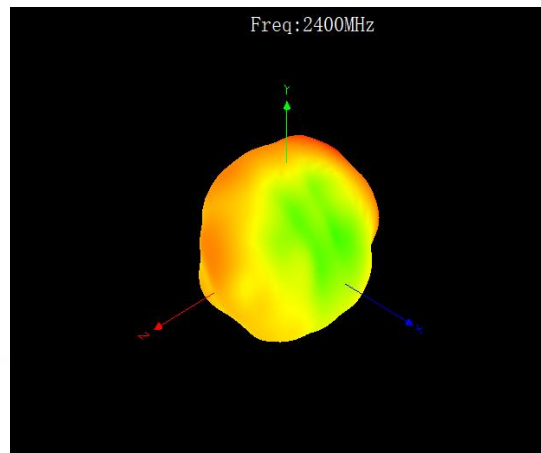
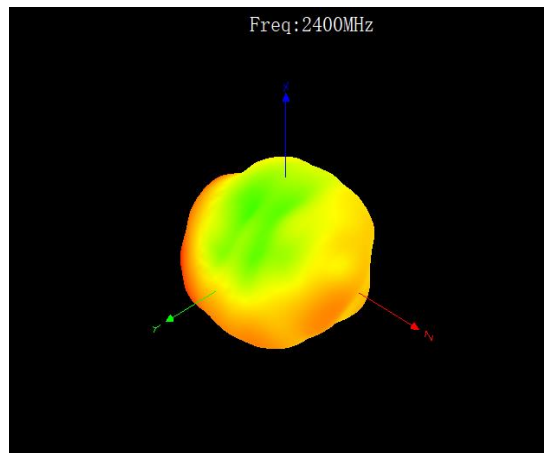




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3D-Etotal (2400Mhz)

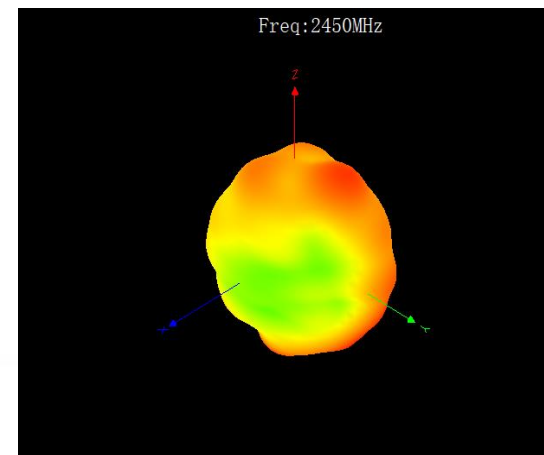
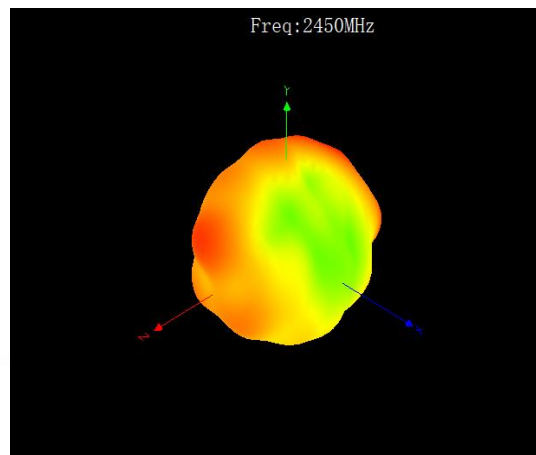
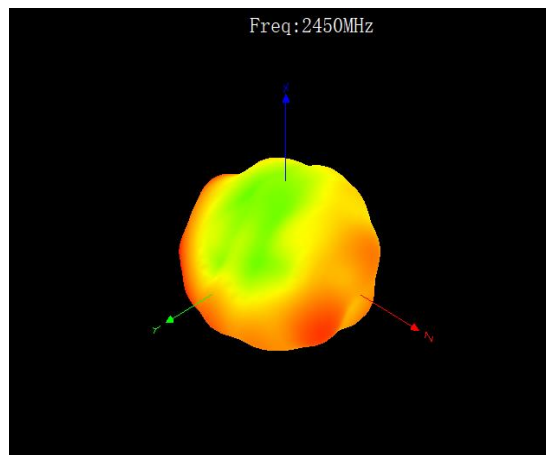




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3D-Etotal (2450Mhz)

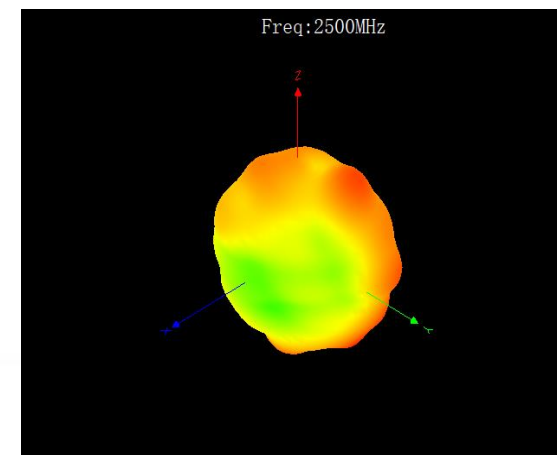
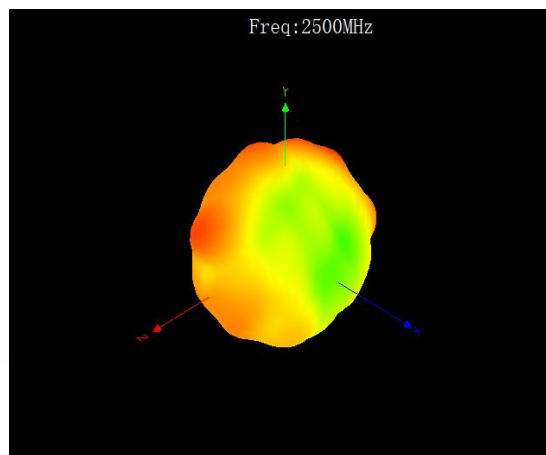
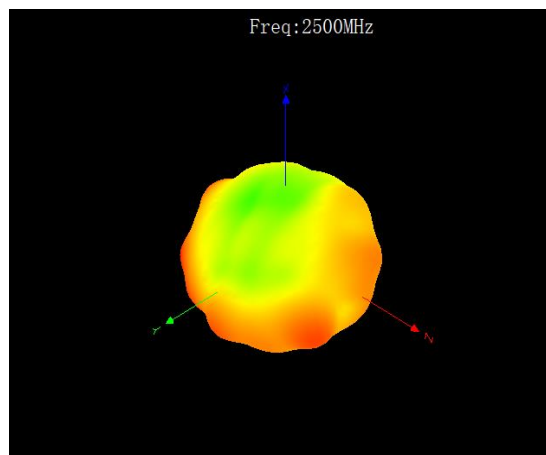




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3D-Etotal (2500Mhz)





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THANK YOU!