



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:M4PB

Tester : Hu Lin
Date : 2025 /11/11

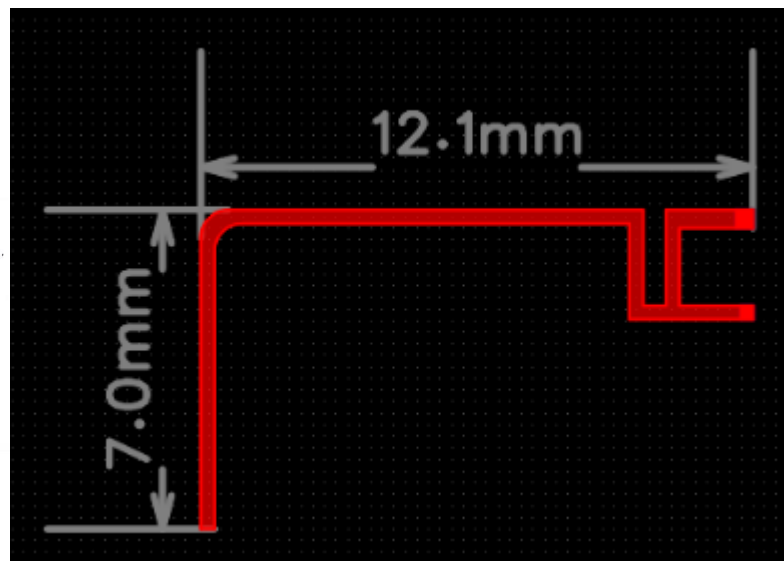


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1. Device Profile

2. 2.4G BT Test



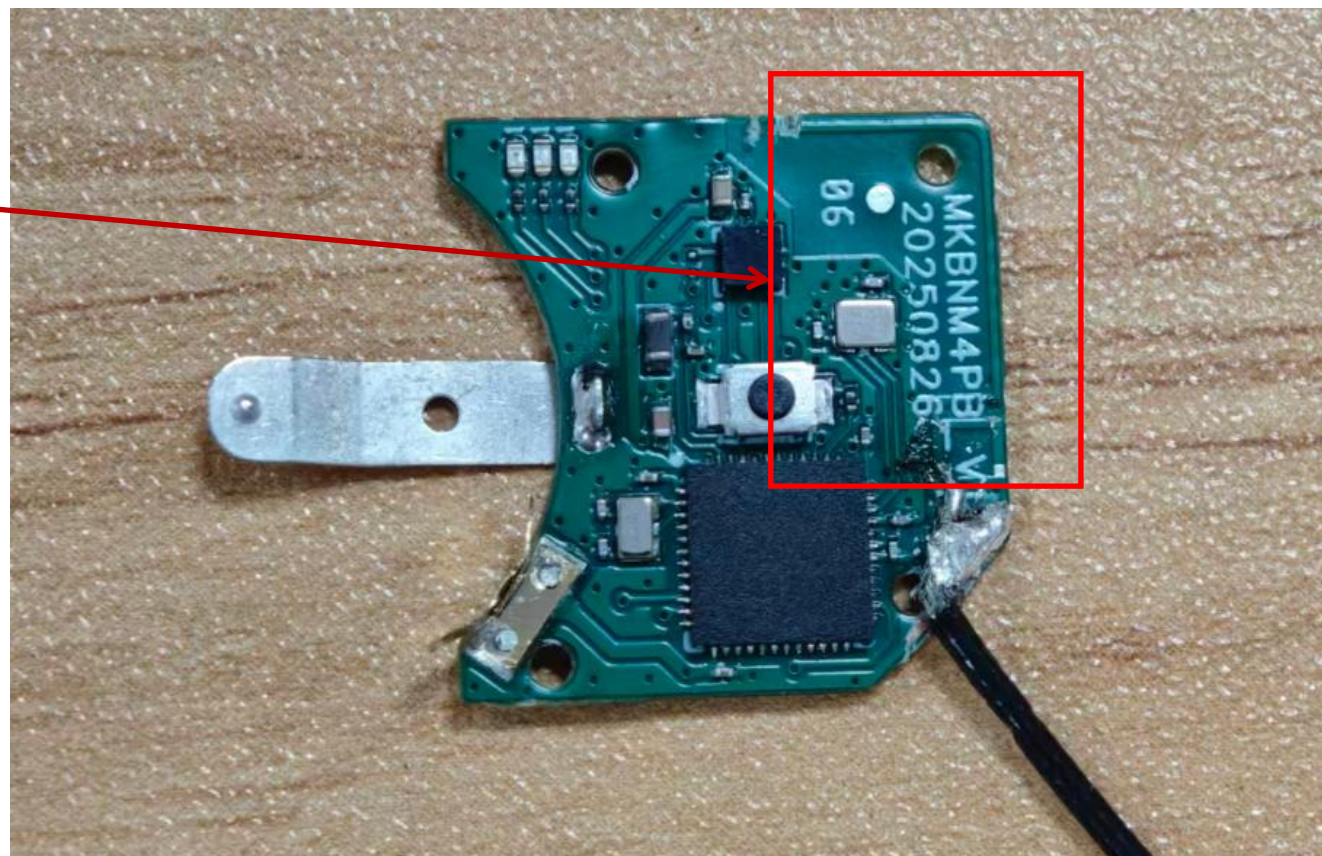
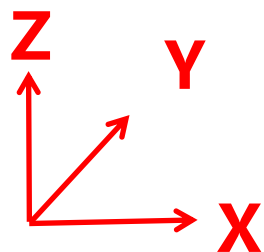


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1. Device Profile

BT Antenna



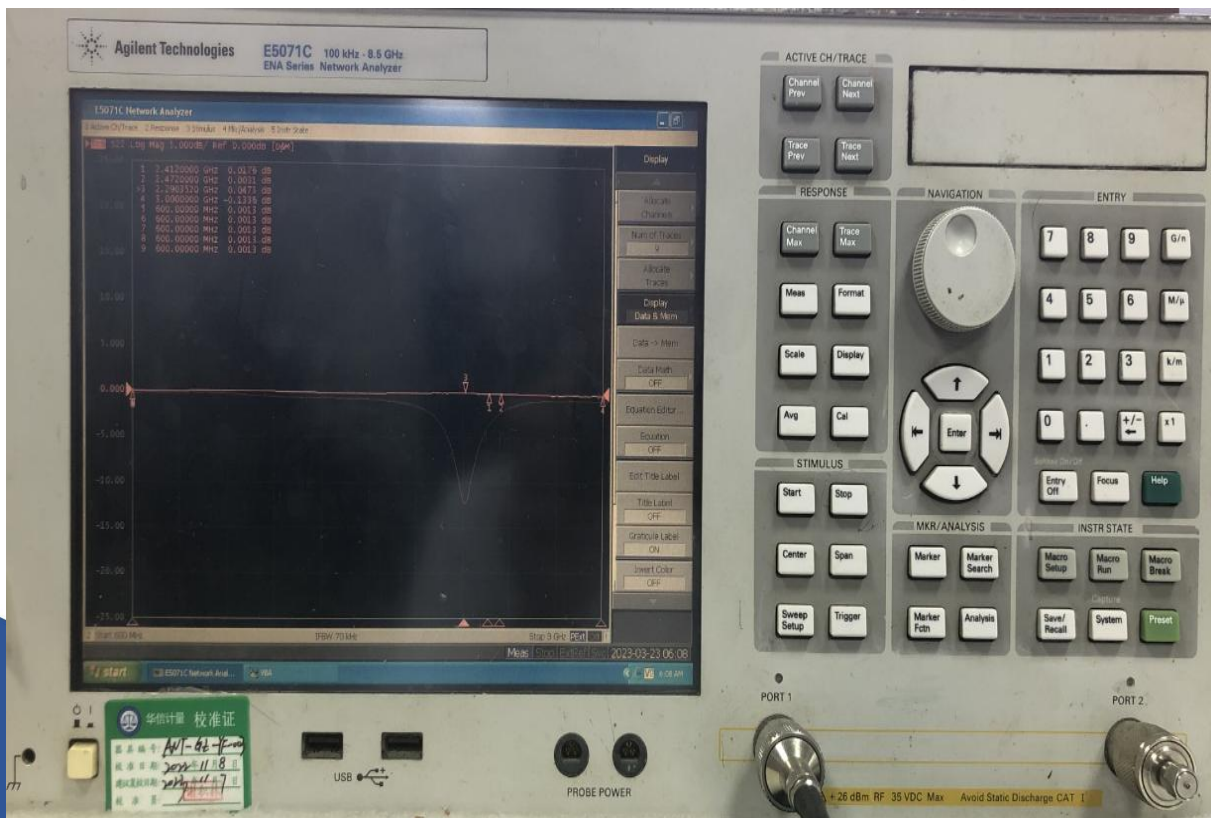


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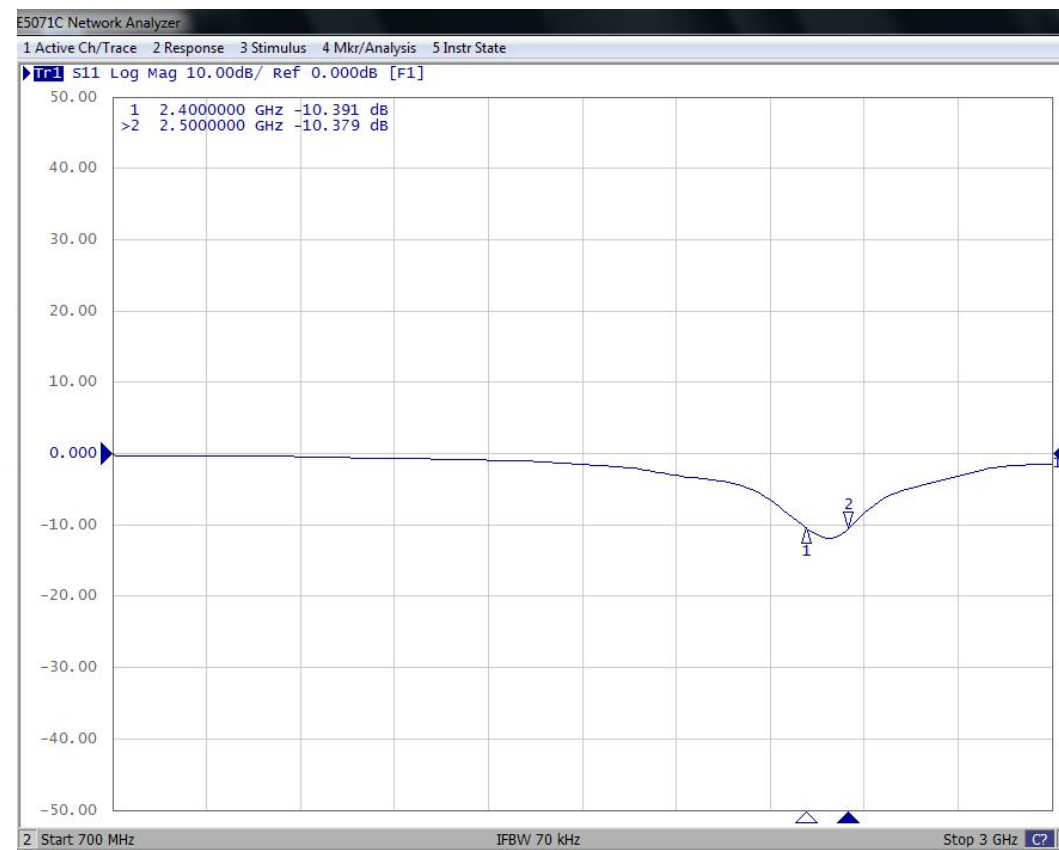
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2. WIFI Antenna Test

Agilent E5071C



S-Parameter Test

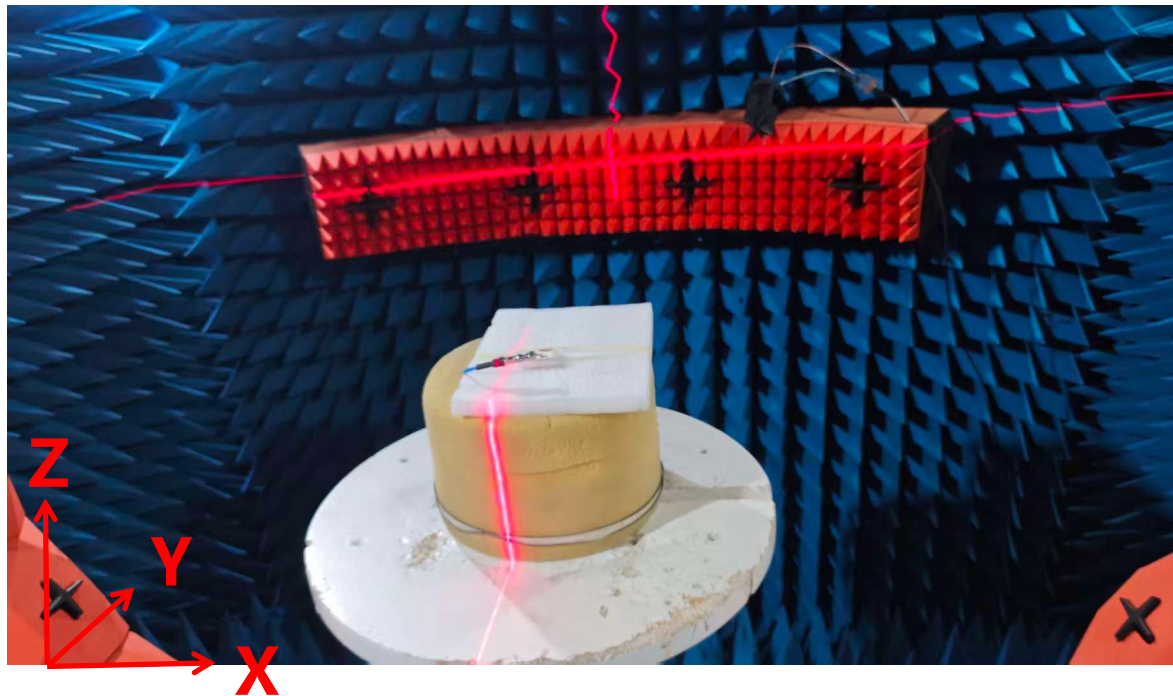




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-2.74	53.21	3.7
2410	-3.23	47.53	2.91
2420	-2.67	54.08	3.75
2430	-3.36	46.13	2.98
2440	-2.64	54.45	3.8
2450	-3.21	47.75	3.18
2460	-2.74	53.21	3.42
2470	-3.09	49.09	3.38
2480	-2.87	51.64	3.07
2490	-2.89	51.4	3.66
2500	-3.01	50	2.85

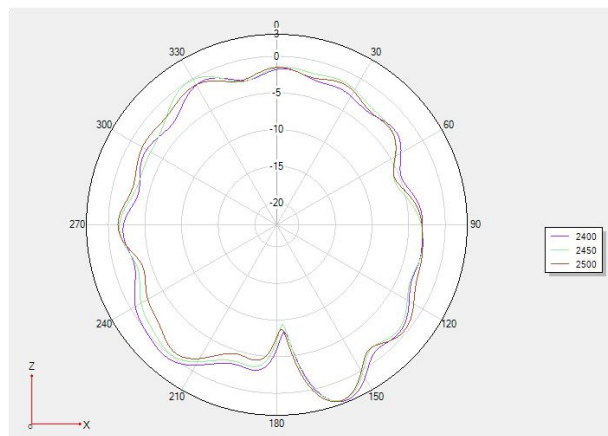


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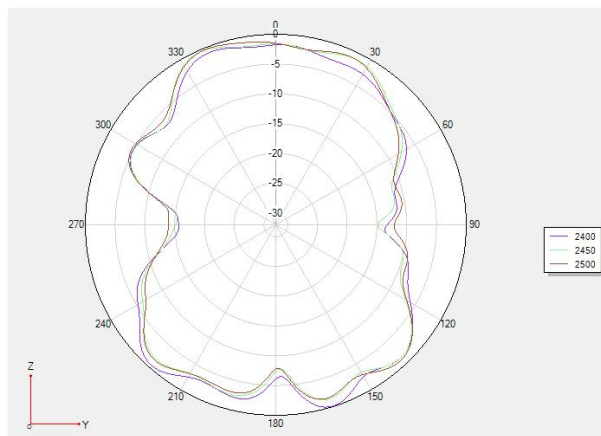
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2D-Etotal (2400/2450/2500Mhz)

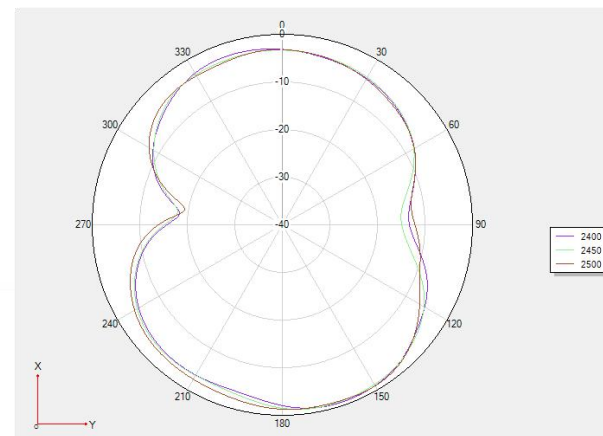
Phi 0 2D



Phi 90 2D



Theta 90 2D

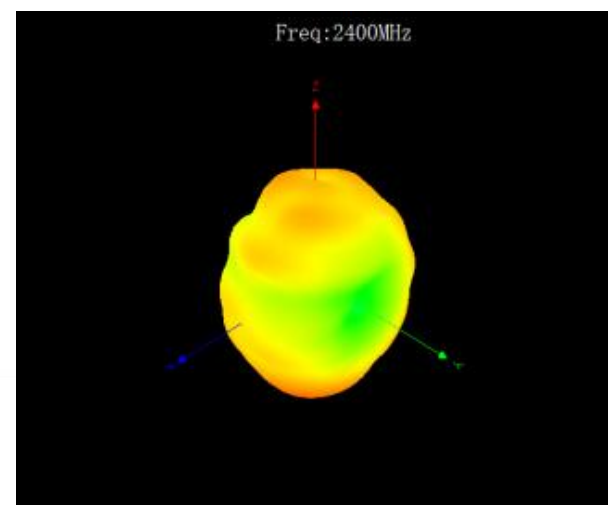
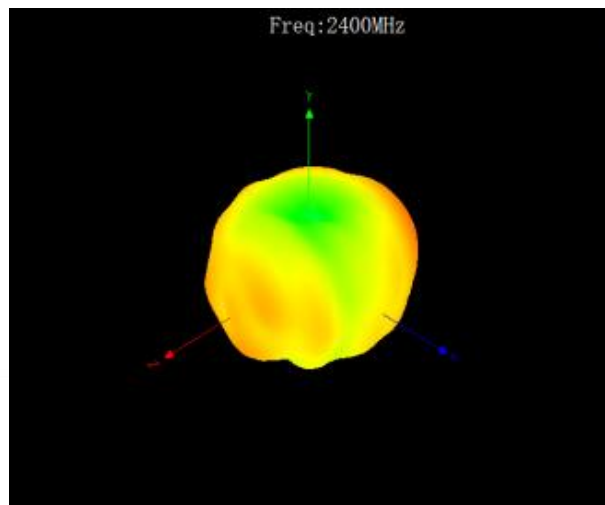
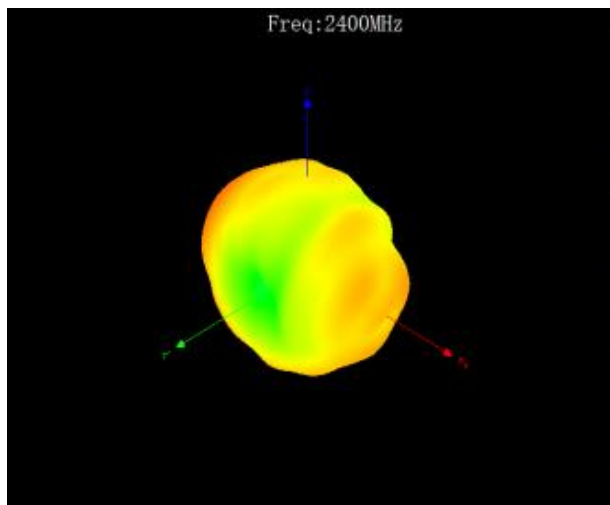




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3D-Etotal (2400Mhz)

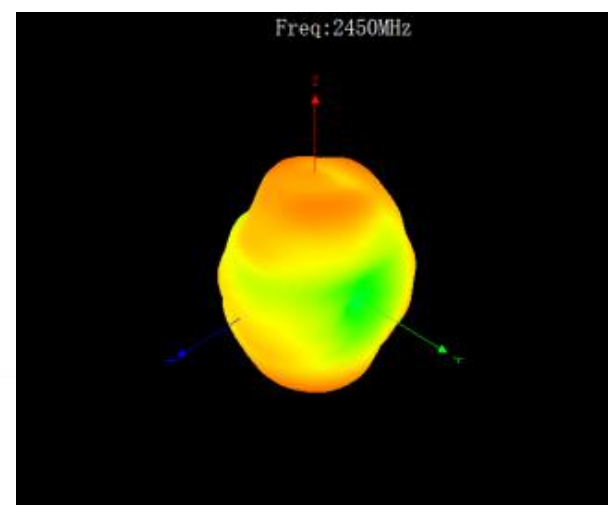
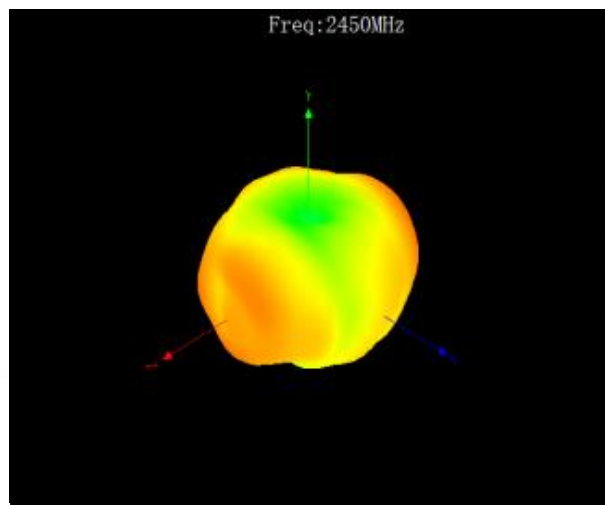
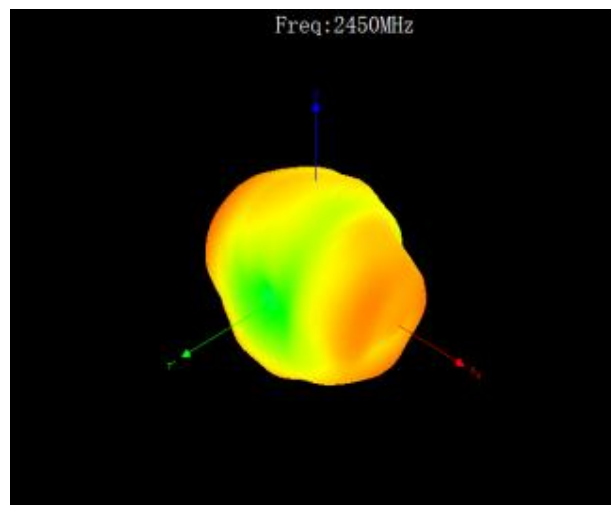




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3D-Etotal (2450Mhz)

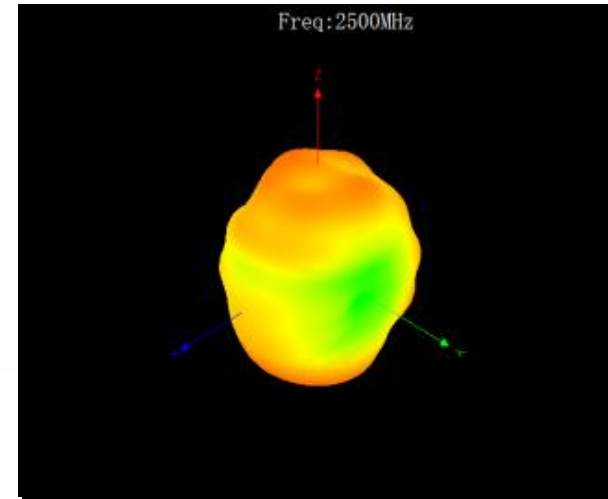
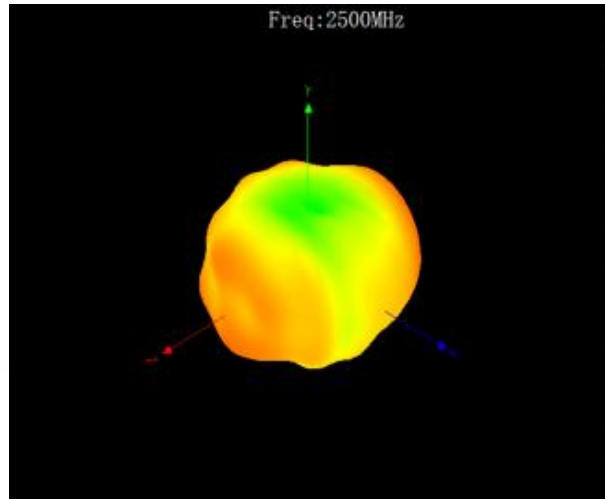
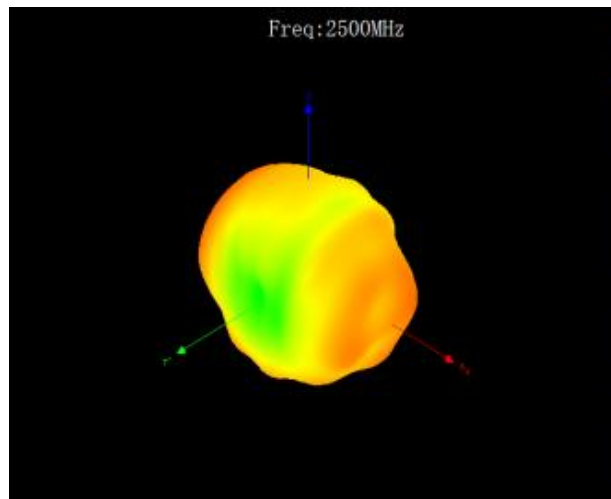




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3D-Etotal (2500Mhz)





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THANK YOU!