



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:BSV5-832-SA

Tester : Hu Lin
Date : 2025 / 05/ 22

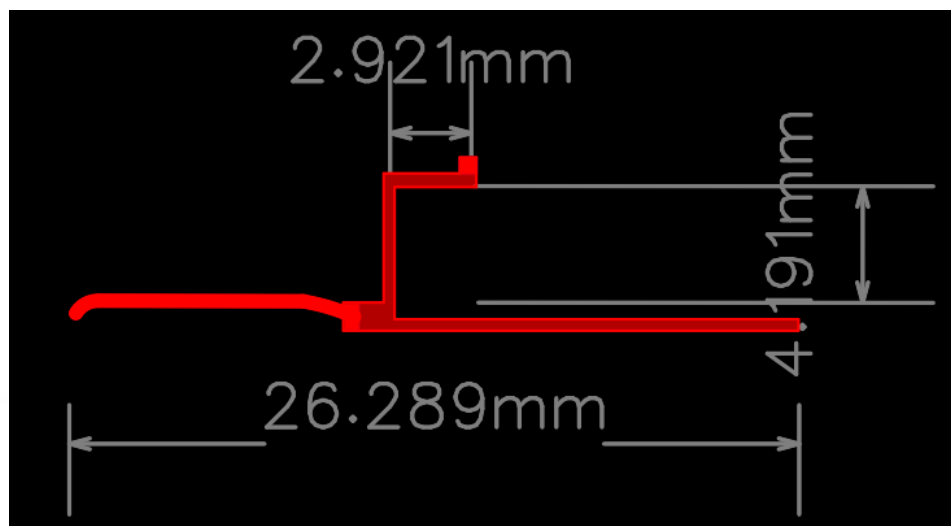


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1. Device Profile

2. BT Test



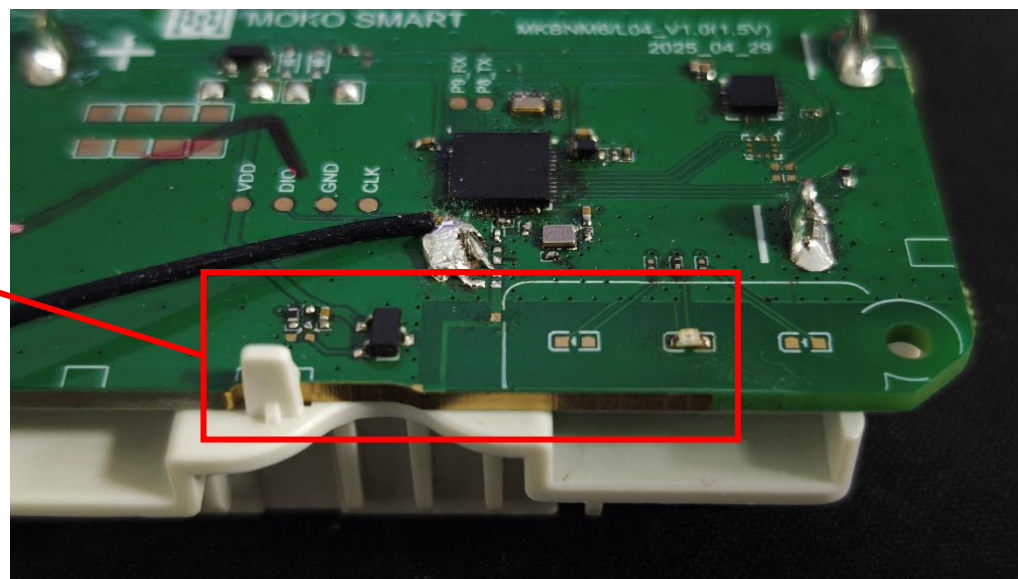


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1. Device Profile

BT Antenna



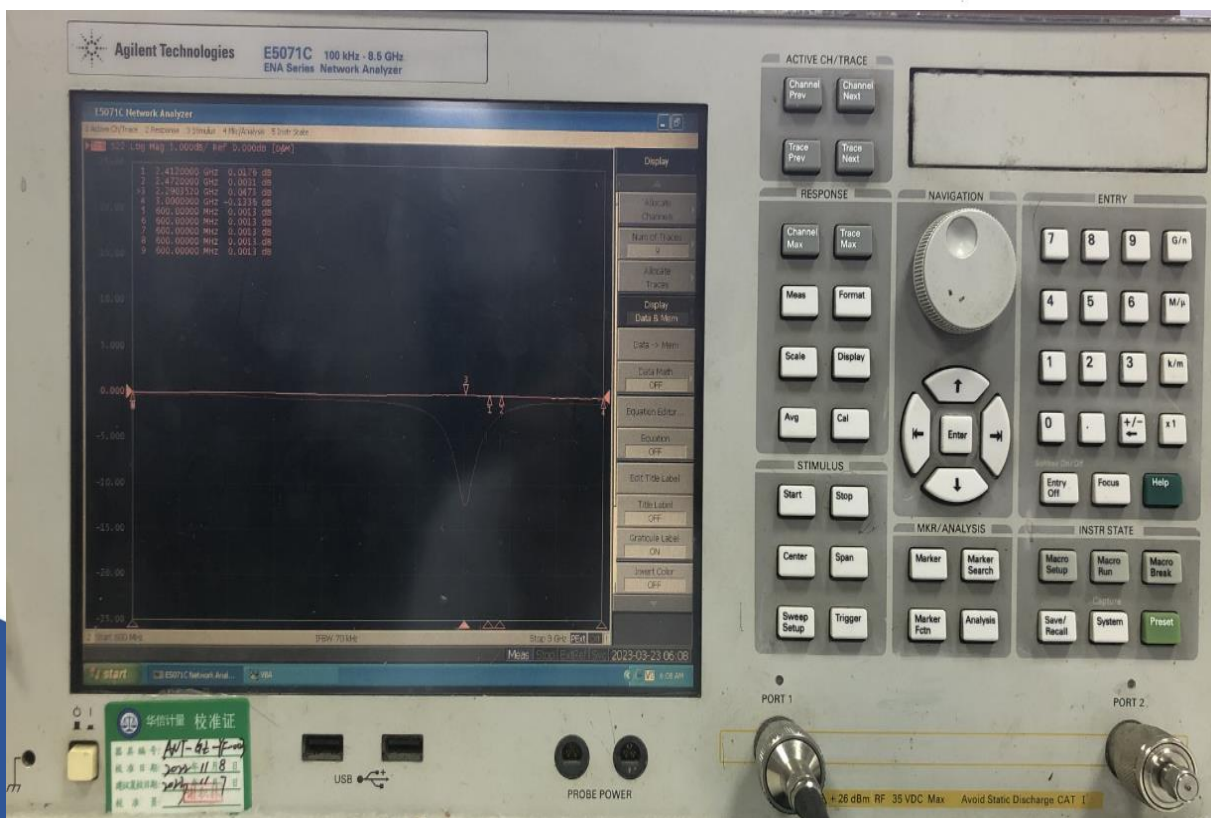


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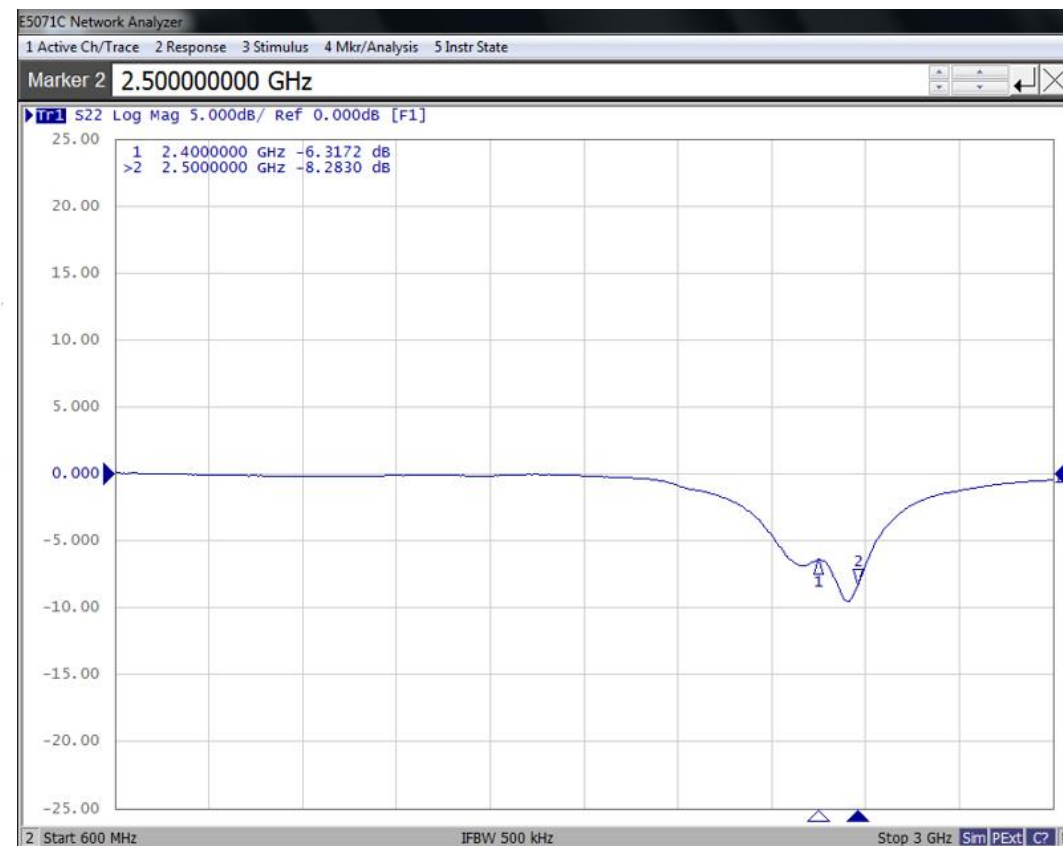
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2. BT Test-蓝色碱性电池

Agilent E5071C



S-Parameter Test

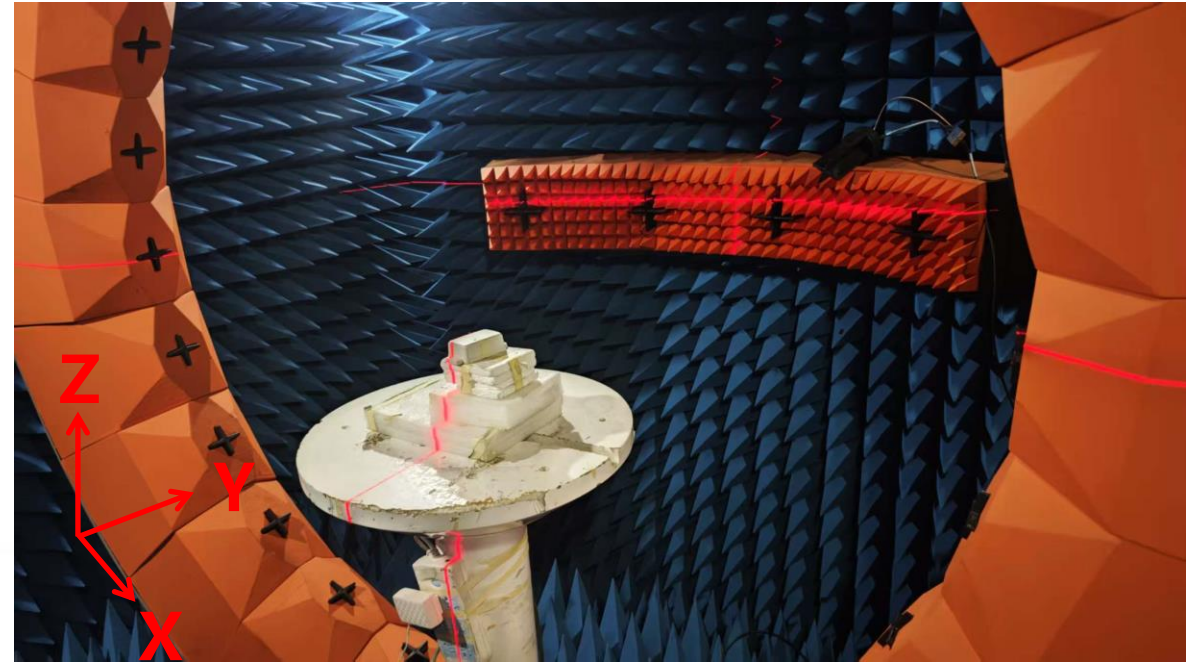
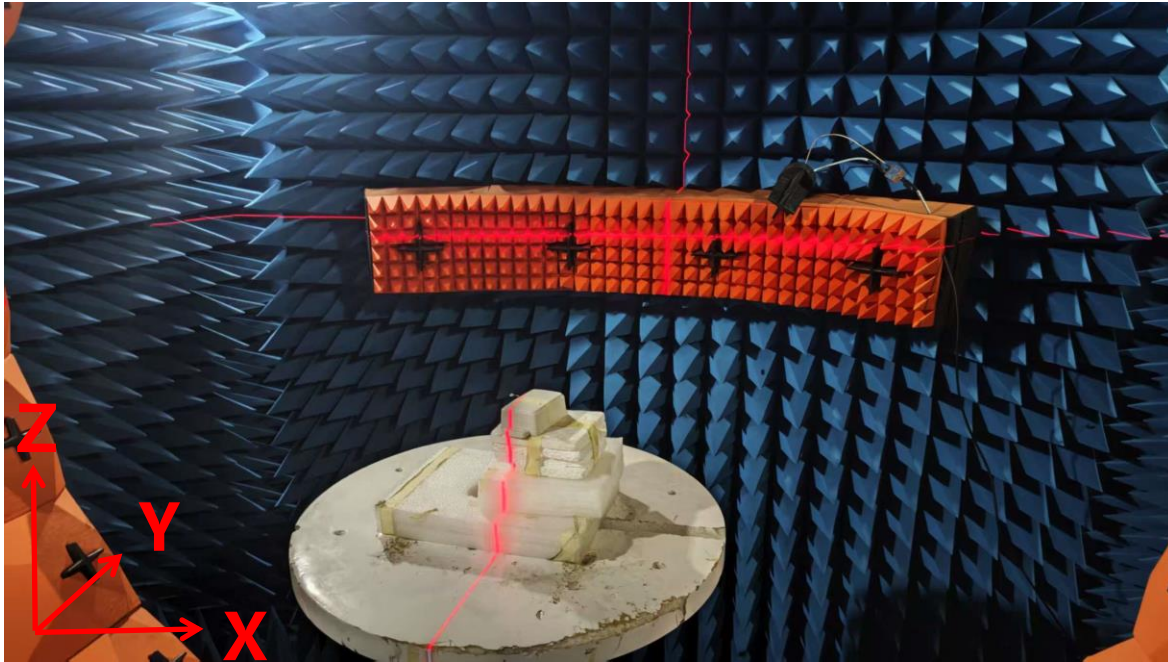




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-5.47	28.38	0.93
2410	-5.94	25.47	0.97
2420	-5.63	27.35	0.62
2430	-5.85	26	1.23
2440	-5.26	29.79	1.17
2450	-5.22	30.06	1.66
2460	-4.72	33.73	1.62
2470	-4.85	32.73	1.62
2480	-4.64	34.36	1.47
2490	-4.62	34.51	1.44
2500	-4.78	33.27	1.24

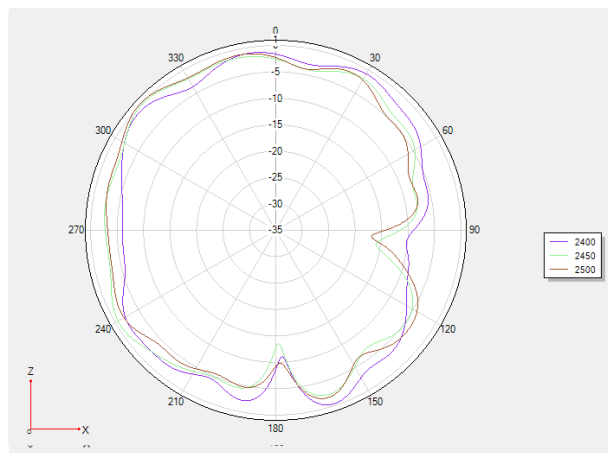


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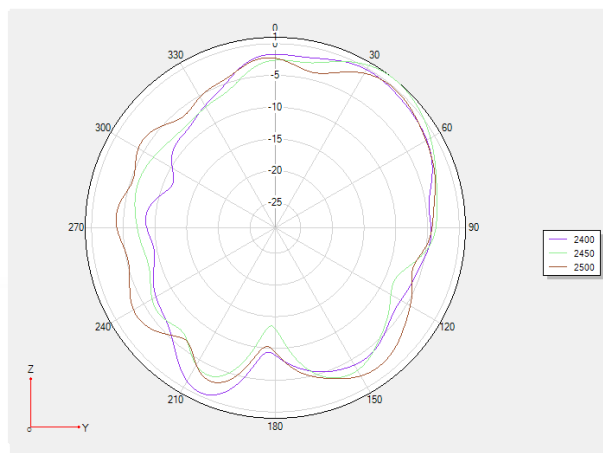
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2D-Etotal (2400/2450/2500Mhz)

Phi 0 2D



Phi 90 2D



Theta 90 2D

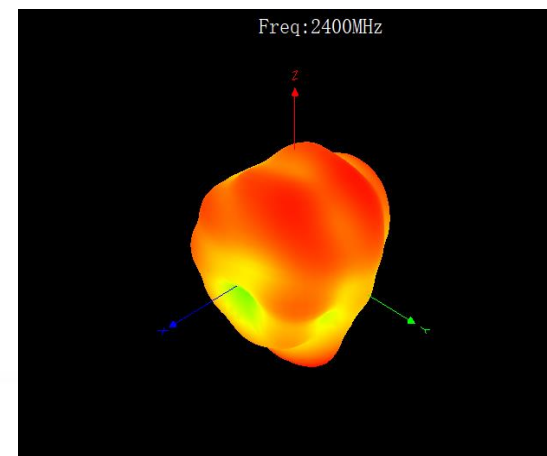
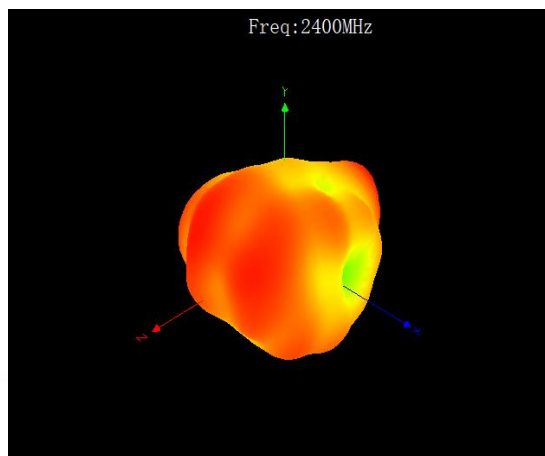
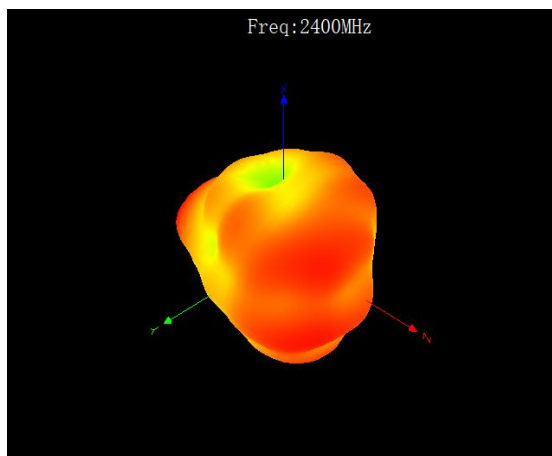




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3D-Etotal (2400Mhz)

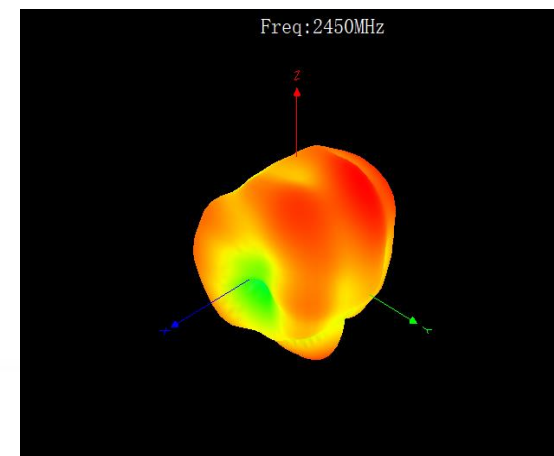
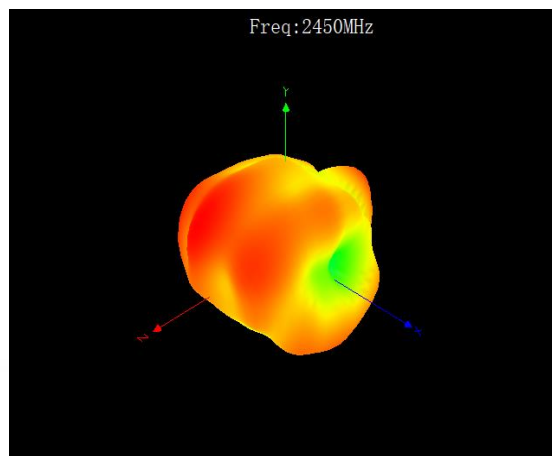
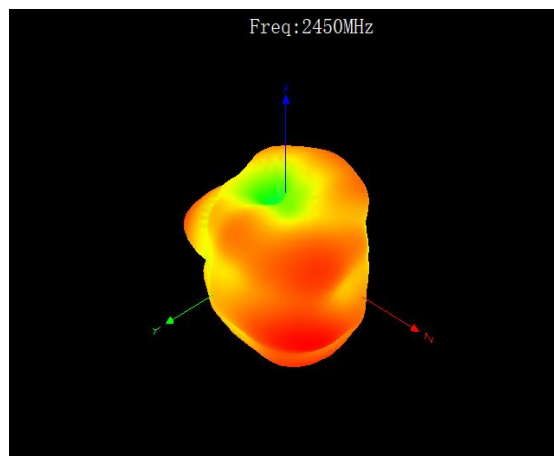




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3D-Etotal (2450Mhz)

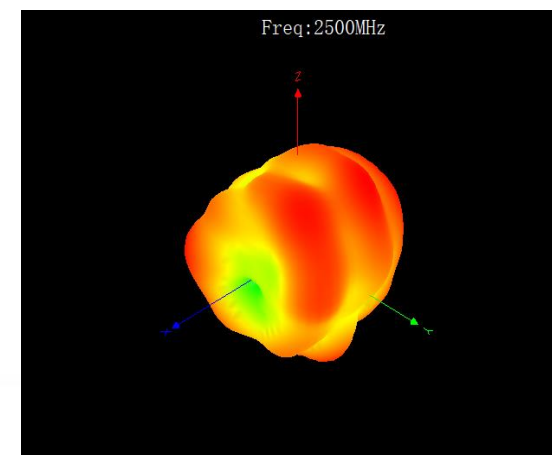
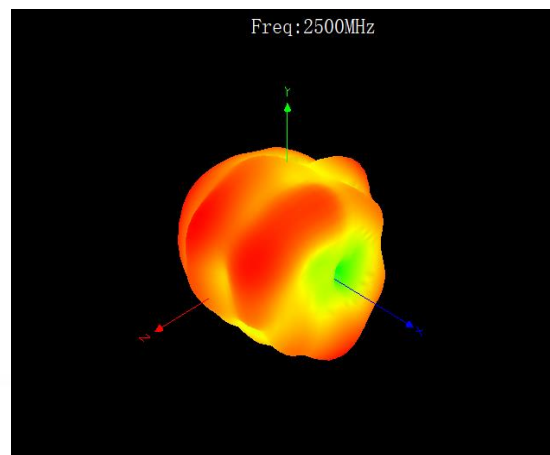
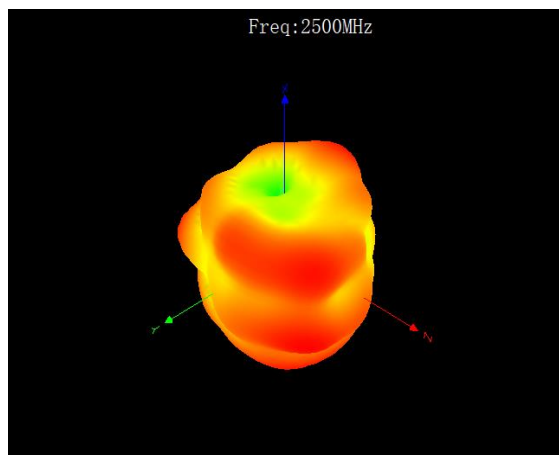




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3D-Etotal (2500Mhz)





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THANK YOU!