



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

JN203 TECHNOLOGY LTD

Antenna Test Report

M/N:BARIXBR-32

Tester : Hu Lin
Date : 2025 / 05/ 13



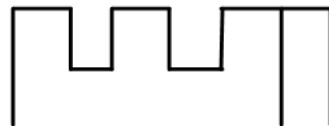
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1. Device Profile

2. BT Test

Type: PCB Antenna



$4+2+2+2+2+2+2+2+4+4+4=28\text{mm}$

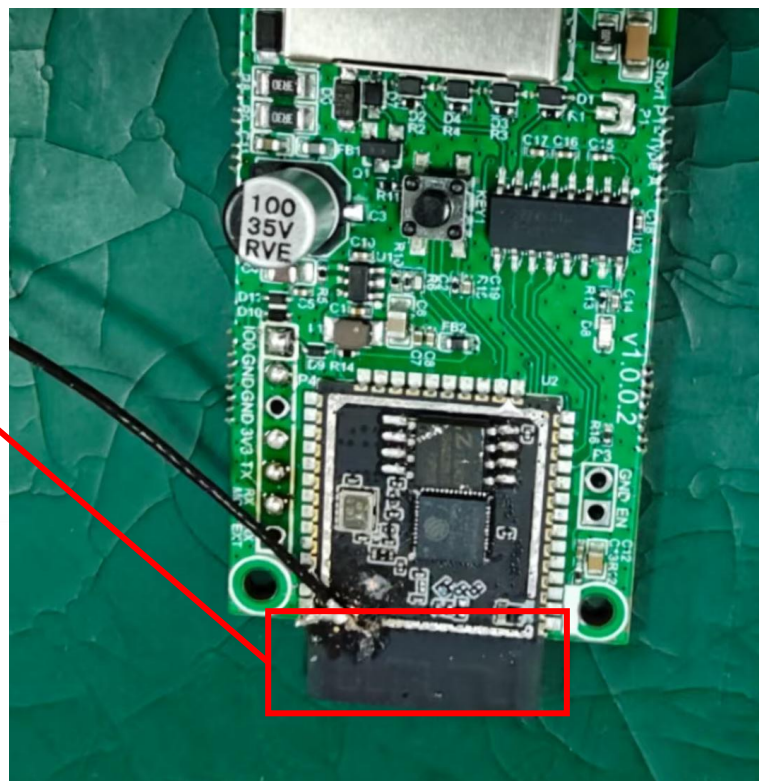
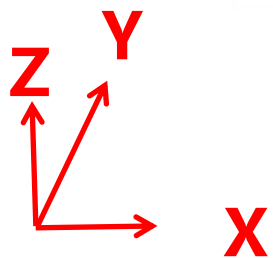


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1. Device Profile

BT Antenna



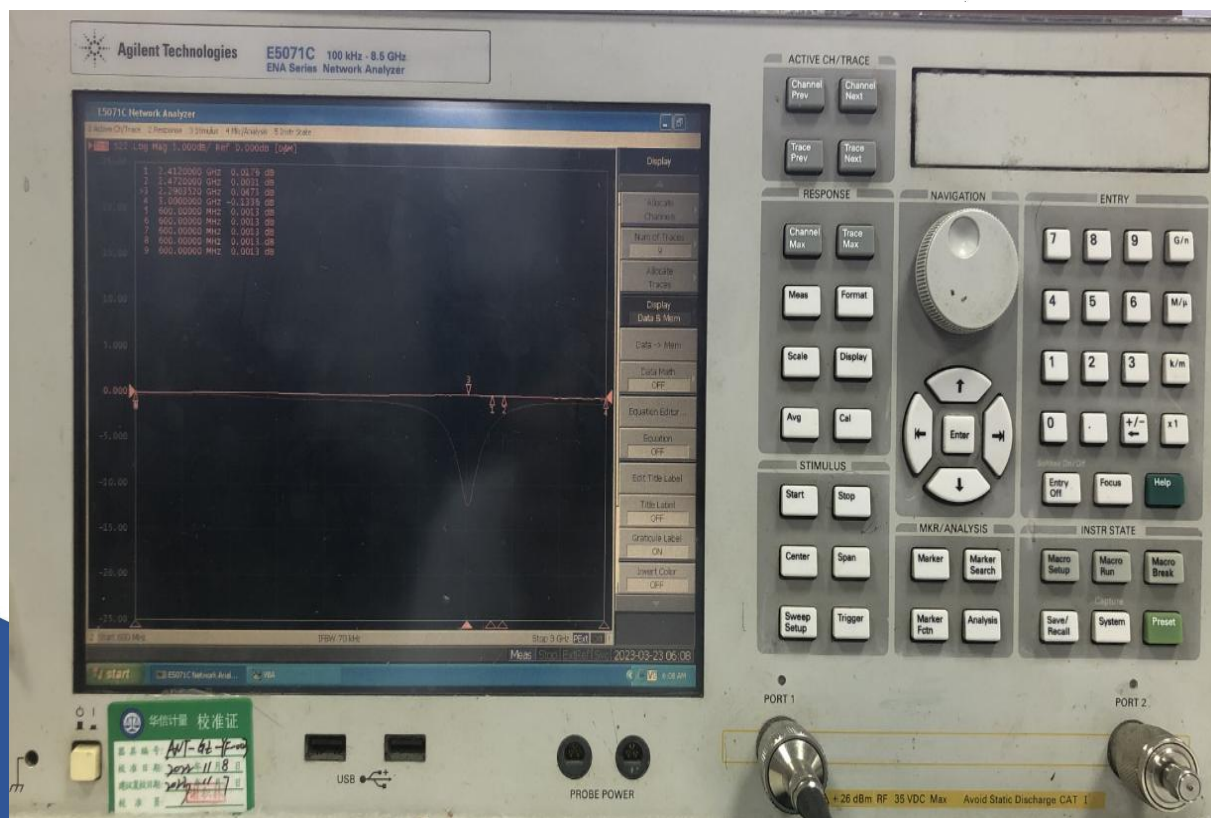


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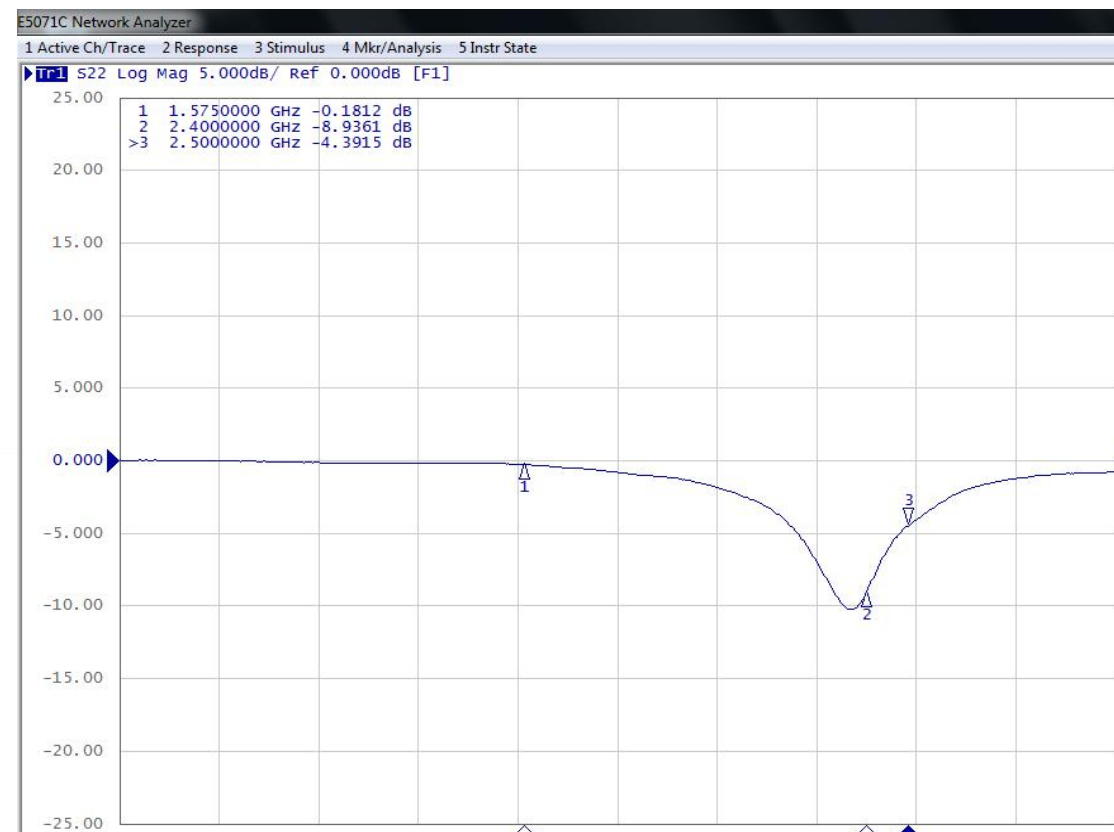
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2. BT Test

Agilent E5071C



S-Parameter Test

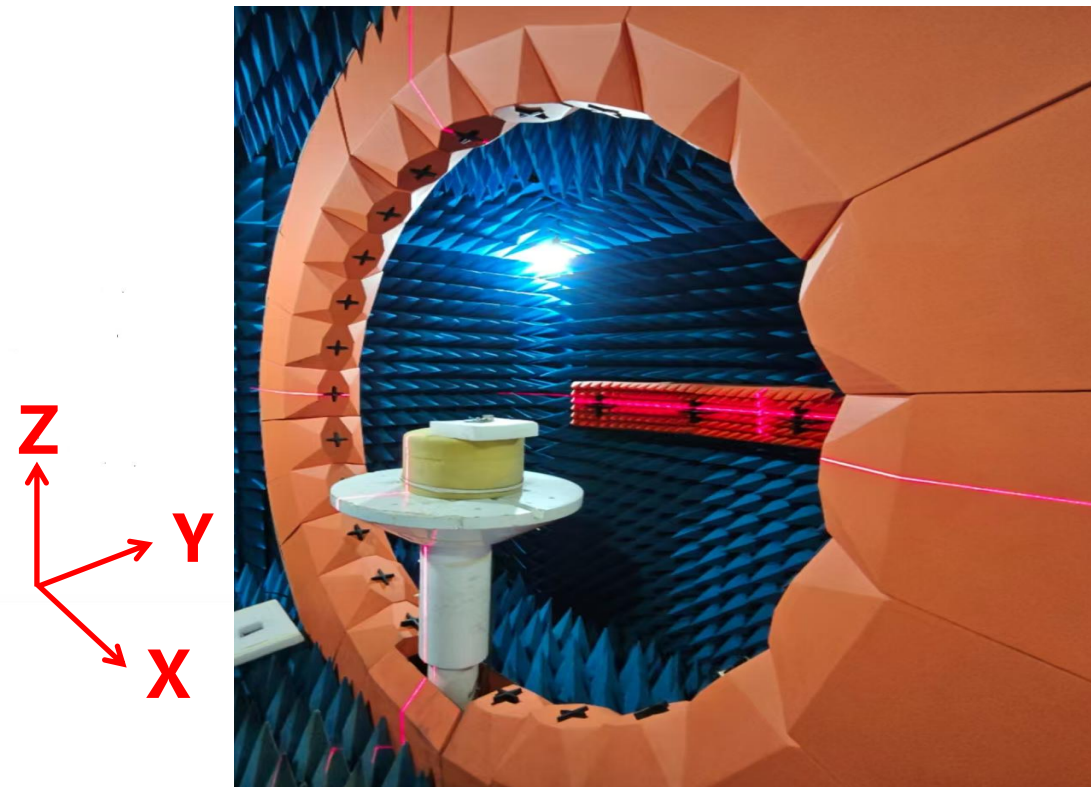
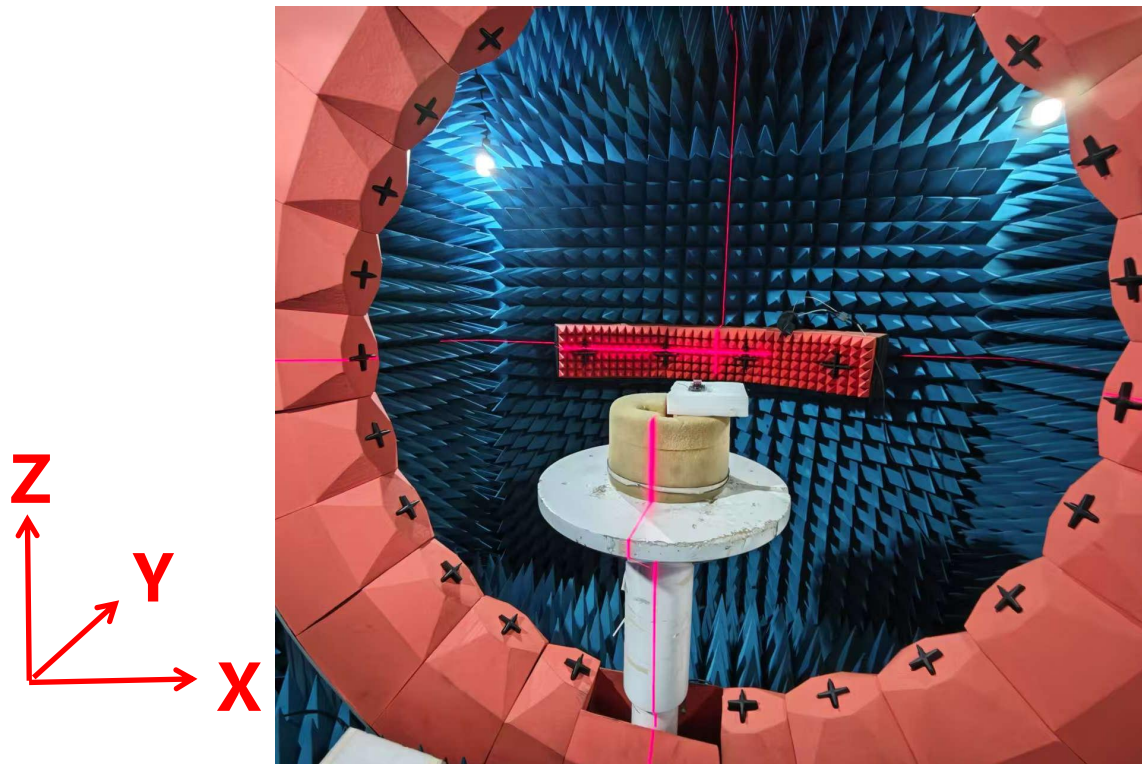




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-4.31	37.07	2.34
2410	-4.83	32.89	2.2
2420	-4.64	34.36	2.07
2430	-5.19	30.27	1.78
2440	-5.02	31.48	3.75
2450	-5.64	27.29	1.42
2460	-5.51	28.12	1.9
2470	-6.08	24.66	1.29
2480	-6.14	24.32	1.22
2490	-6.26	23.66	1.32
2500	-6.52	22.28	0.71

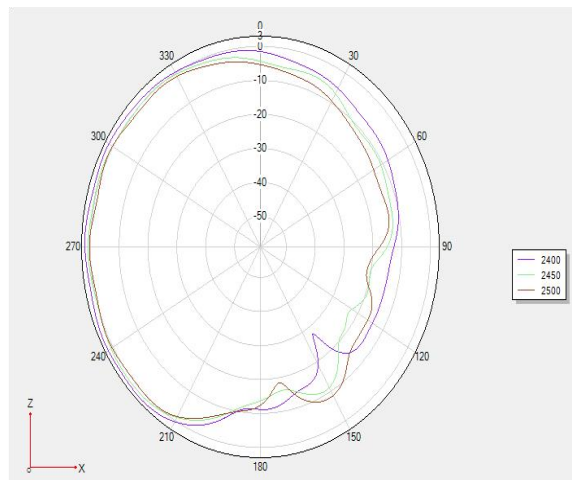


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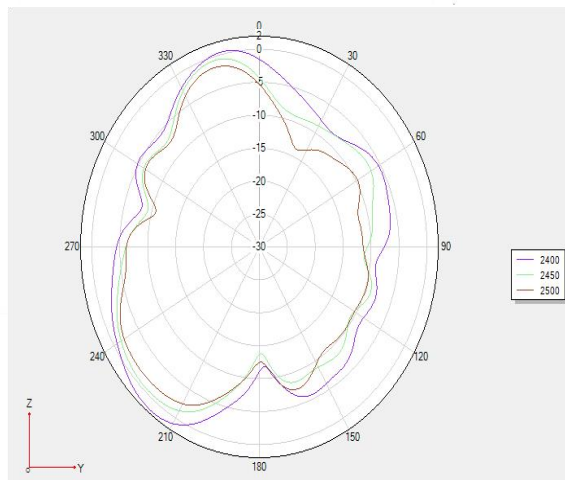
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2D-Etotal (2400/2450/2500Mhz)

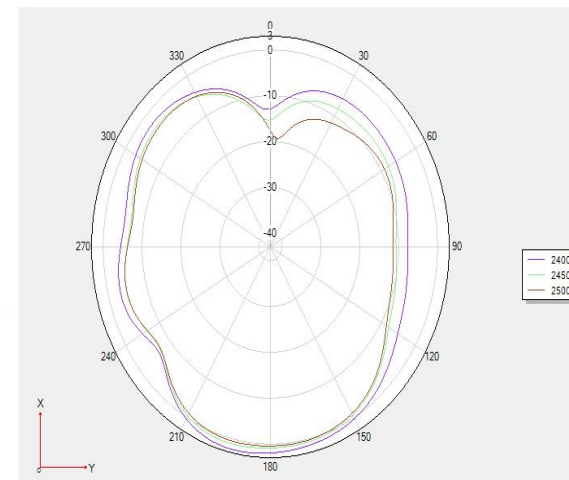
Phi 0 2D



Phi 90 2D



Theta 90 2D

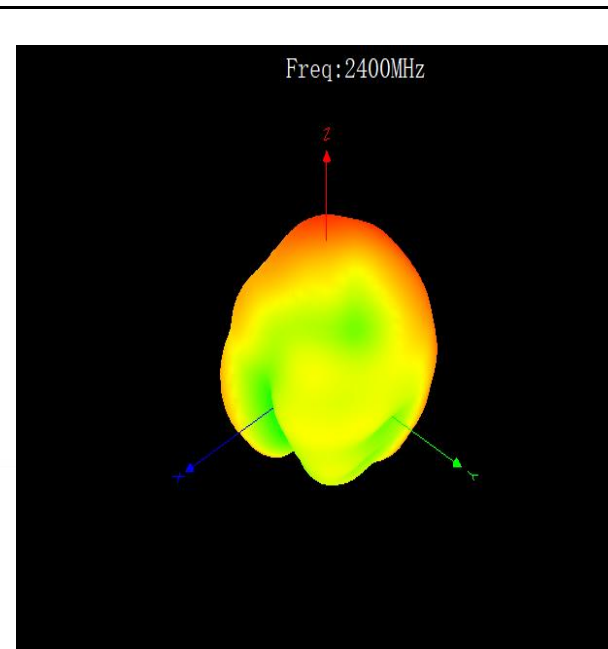
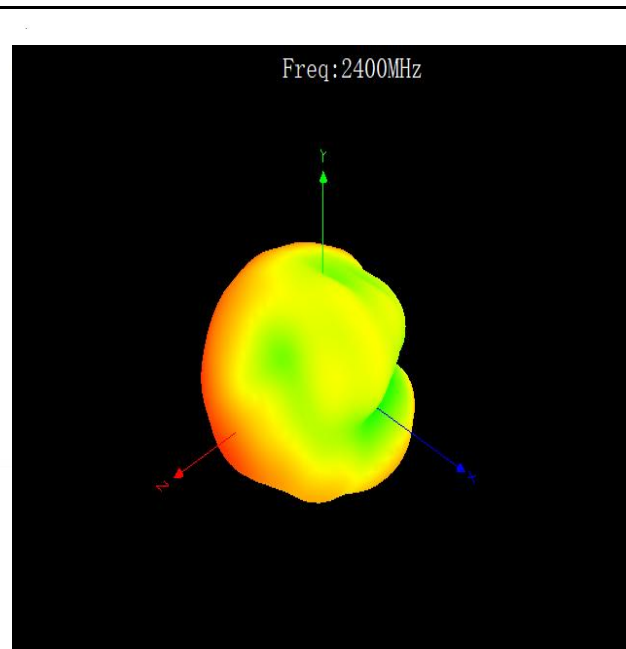
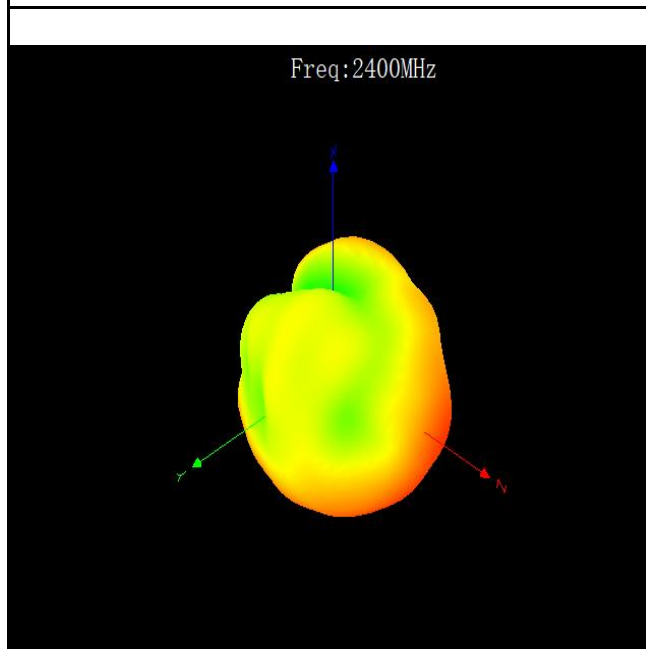




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3D-Etotal (2400Mhz)

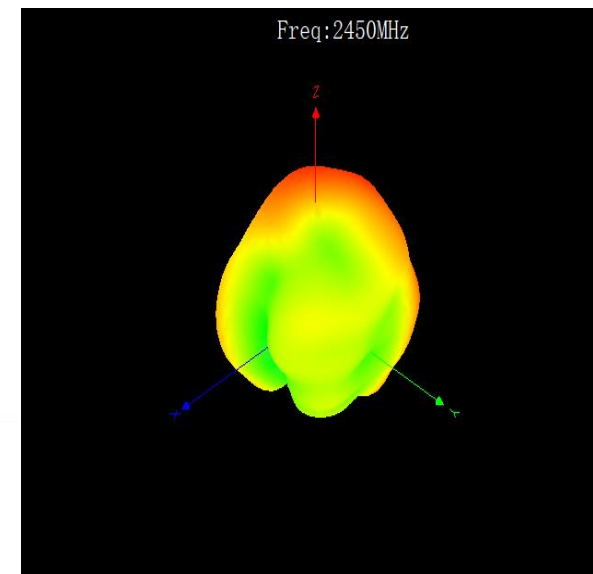
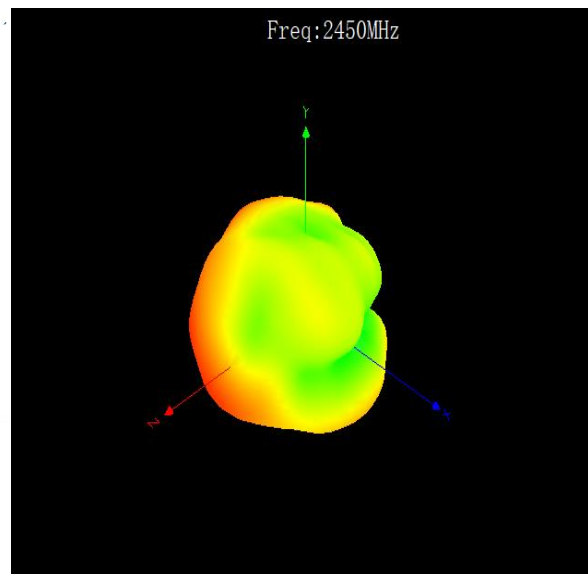
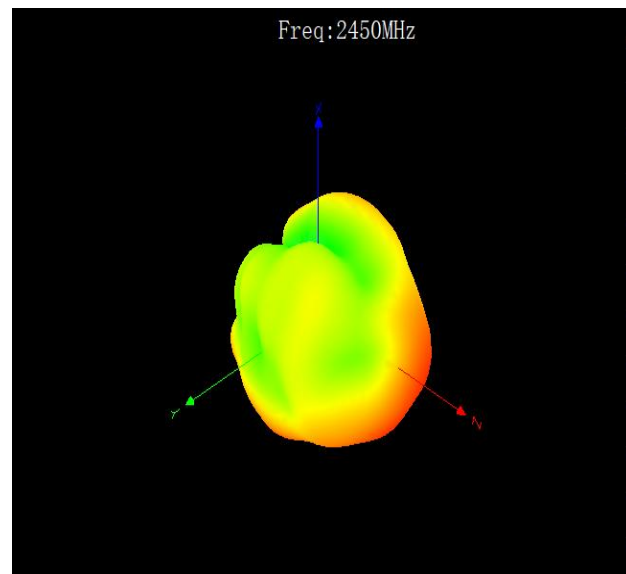




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3D-Etotal (2450Mhz)

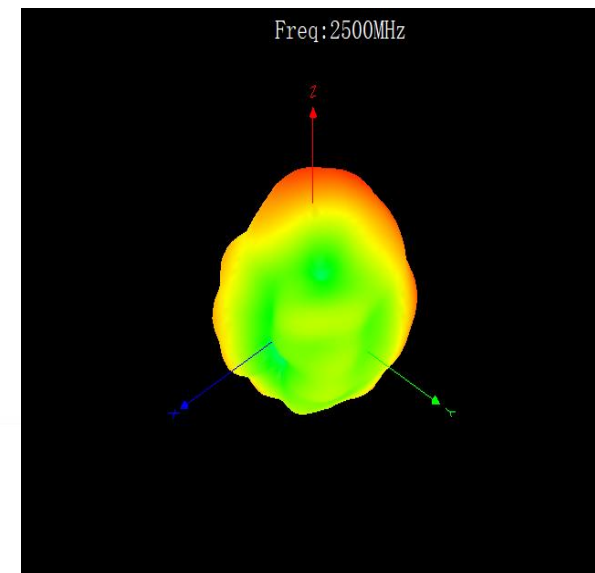
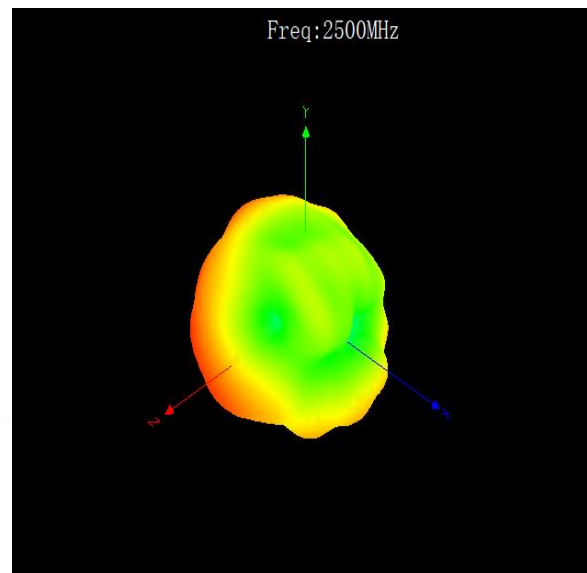
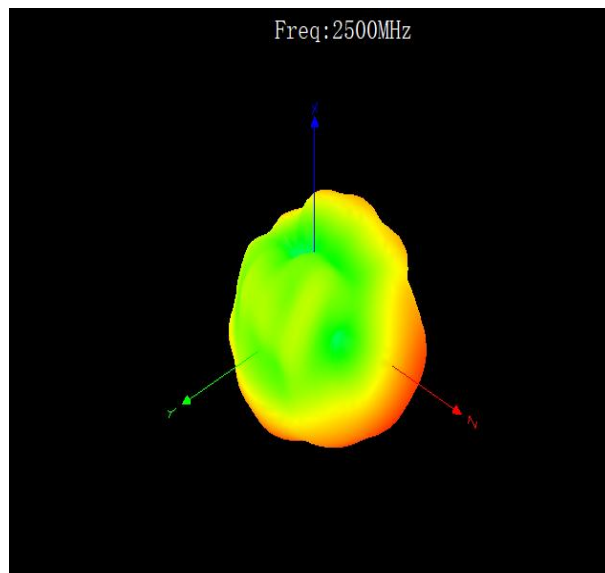




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3D-Etotal (2500Mhz)





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THANK YOU!