



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

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Matian Street, Guangming District, Shenzhen

badge TECHNOLOGY LTD

Antenna Test Report

M/N:CT01A

Tester : Hu Lin
Date : 2025 / 07/ 15

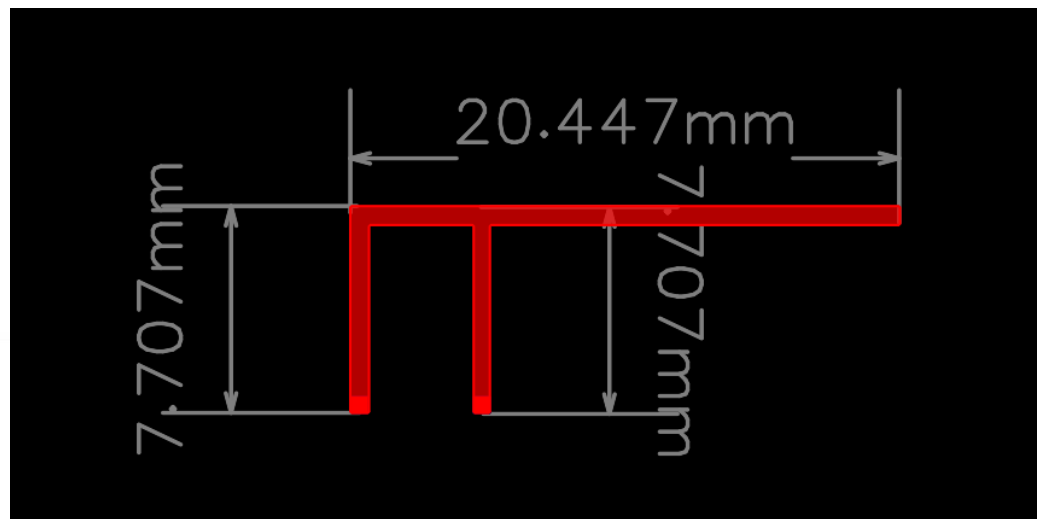


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1. Device Profile

2. BT Test



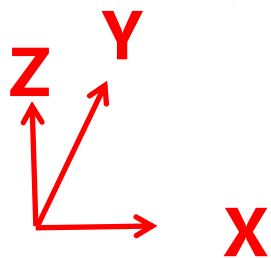


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1. Device Profile

BT Antenna



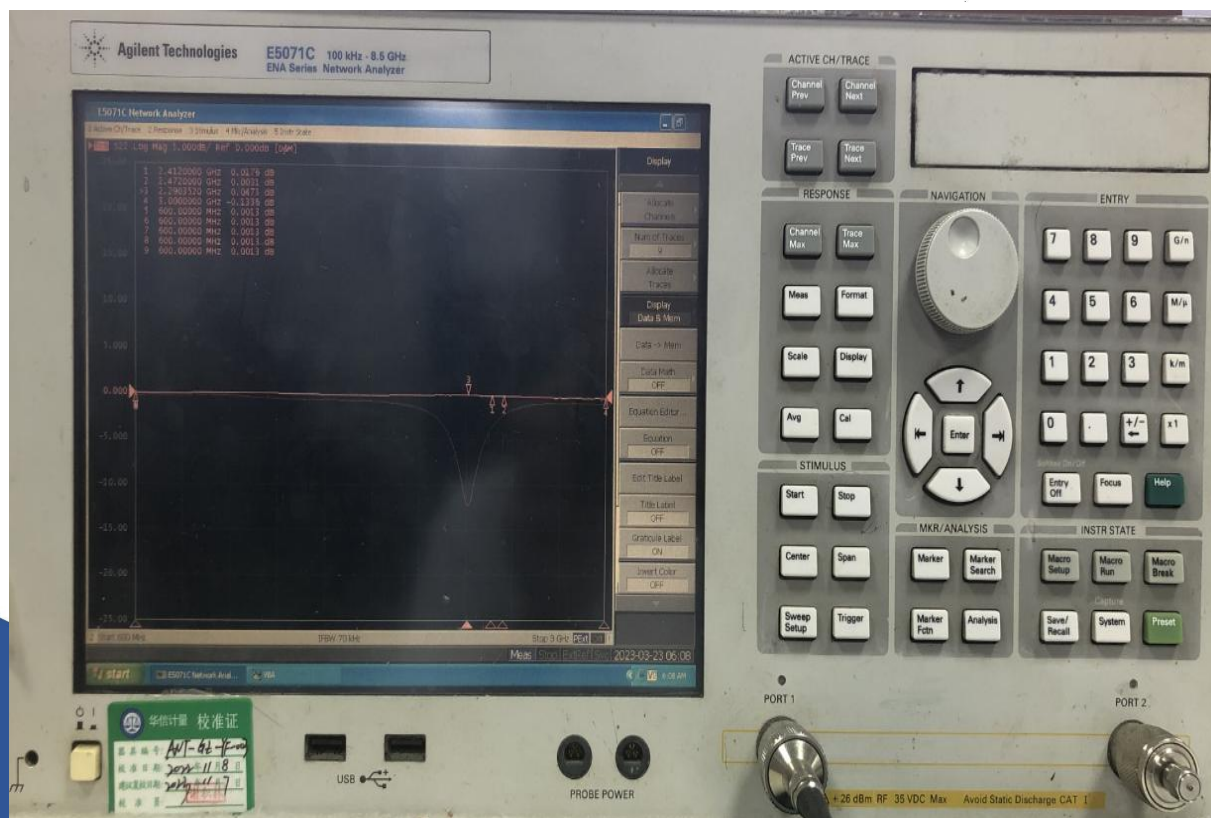


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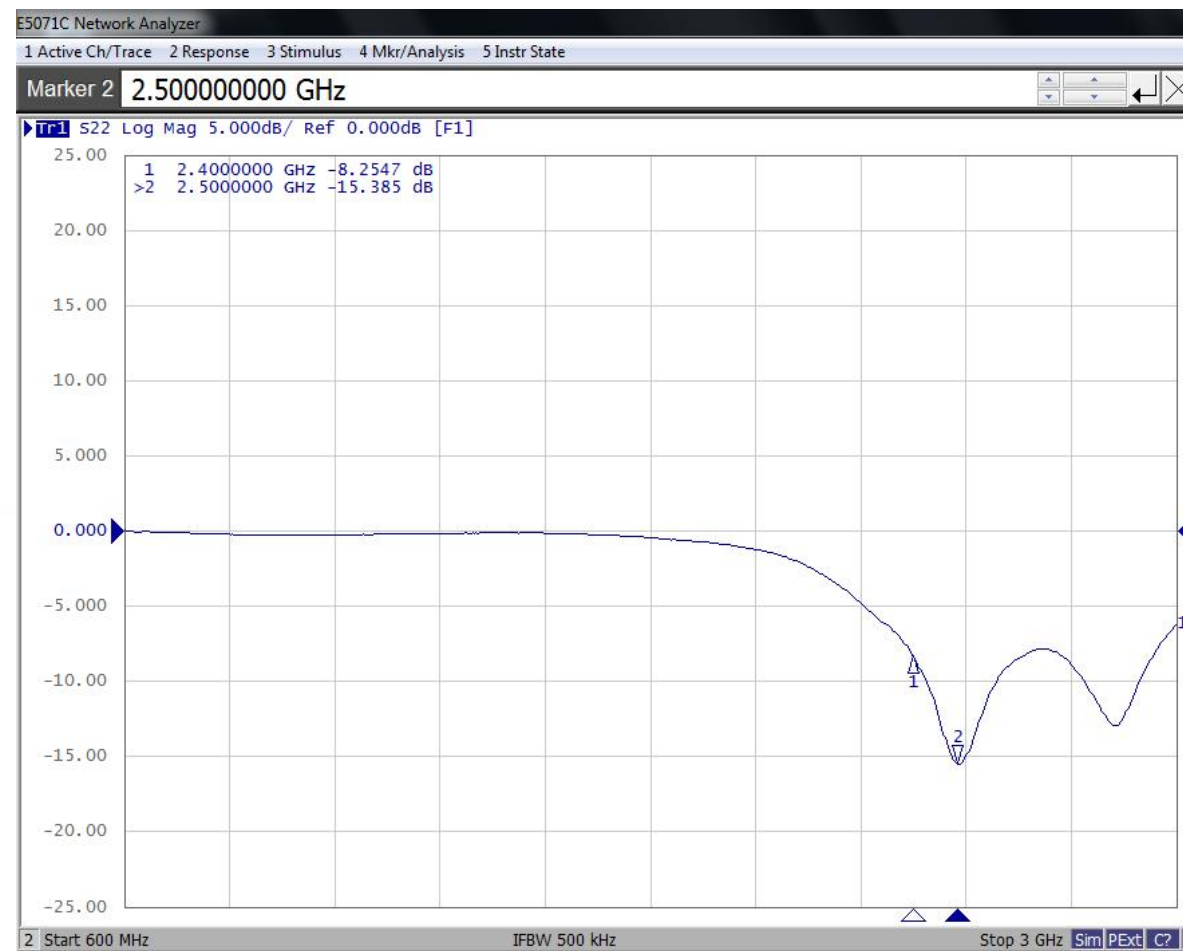
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2. BT Test

Agilent E5071C



S-Parameter Test

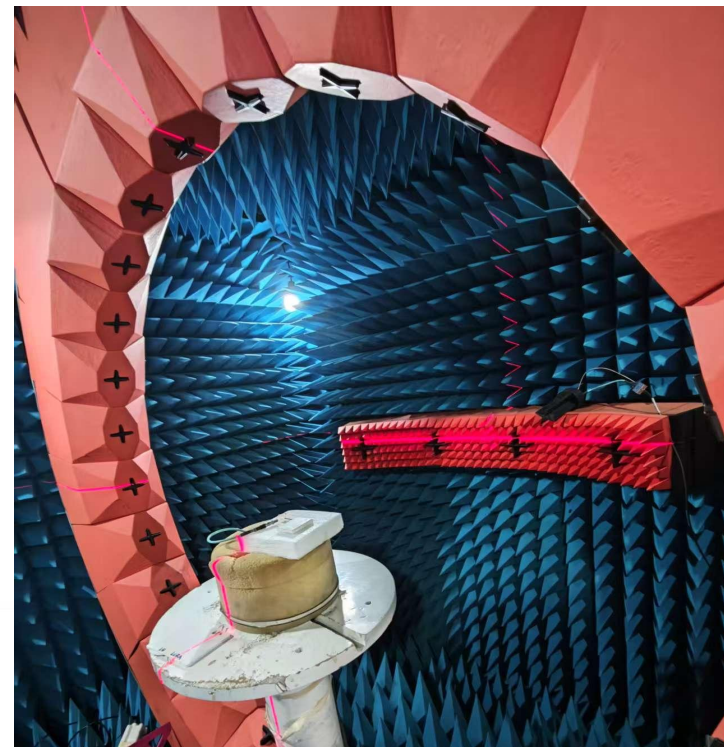
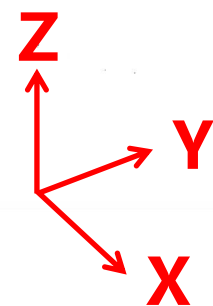
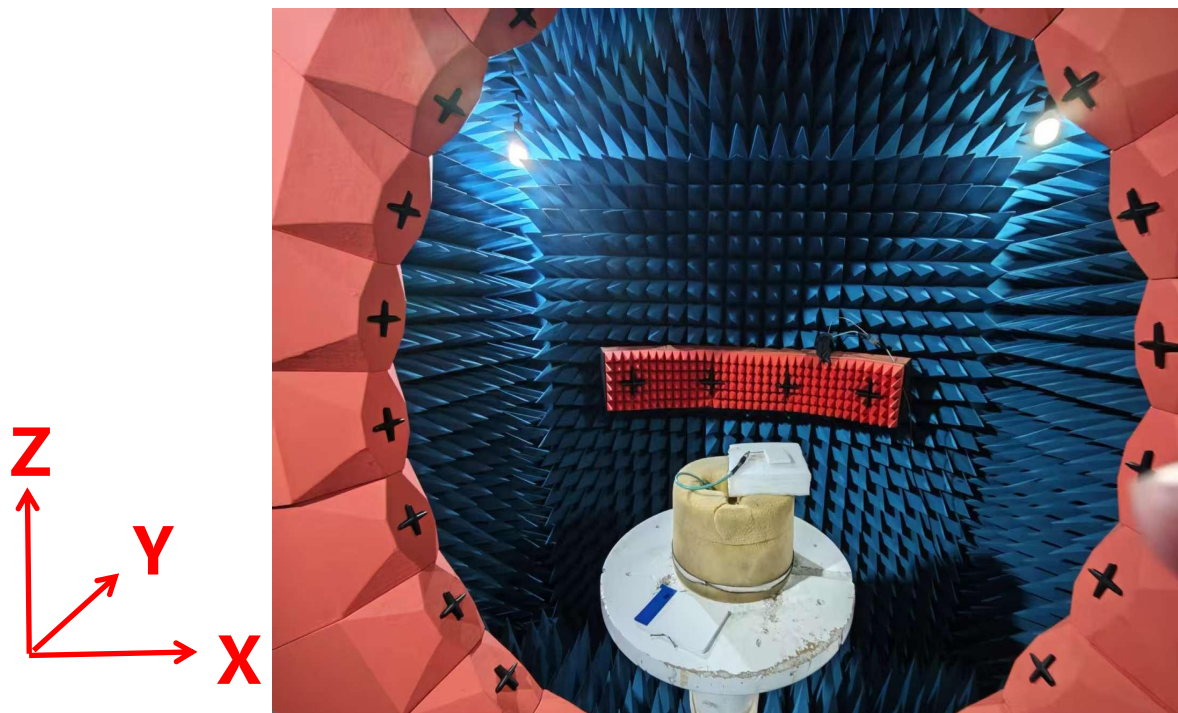




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Antenna Passive Test





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Passive Test			
Frequency/MHz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-5.38	27.86	3.16
2410	-5.10	28.97	2.61
2420	-4.78	30.89	3.86
2430	-4.94	33.23	3.39
2440	-4.36	32.08	3.97
2450	-4.29	36.67	3.59
2460	-4.36	37.23	3.13
2470	-4.25	36.67	2.98
2480	-4.19	37.61	1.76
2490	-3.91	38.1	2.25
2500	-3.91	40.62	1.15

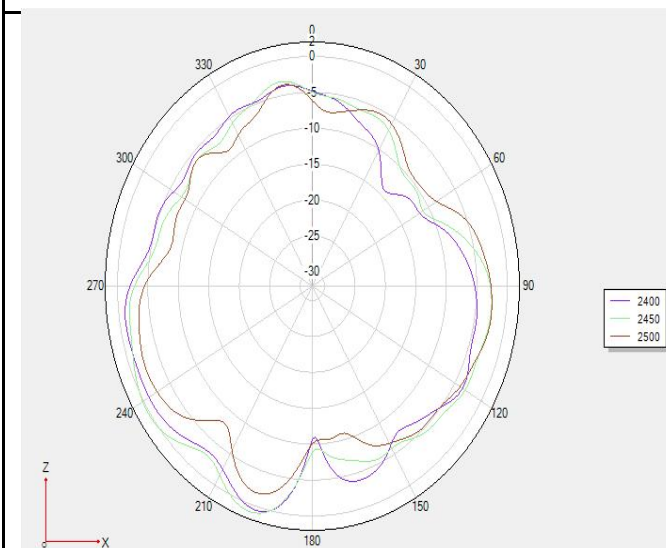


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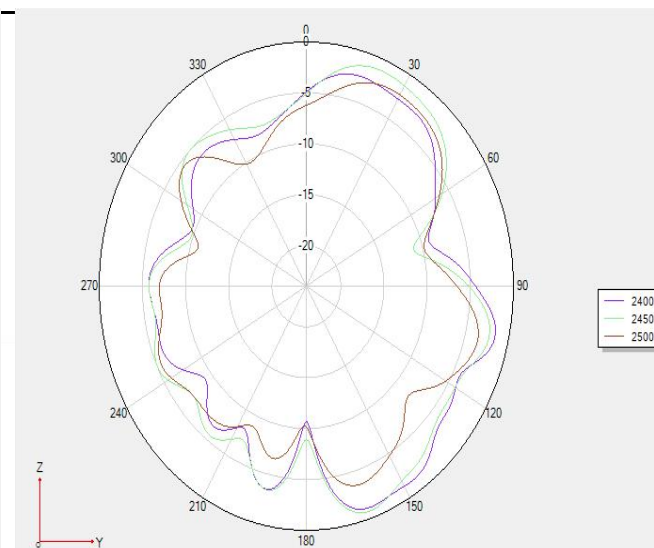
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2D-Etotal (2400/2450/2500Mhz)

Phi 0 2D



Phi 90 2D



Theta 90 2D

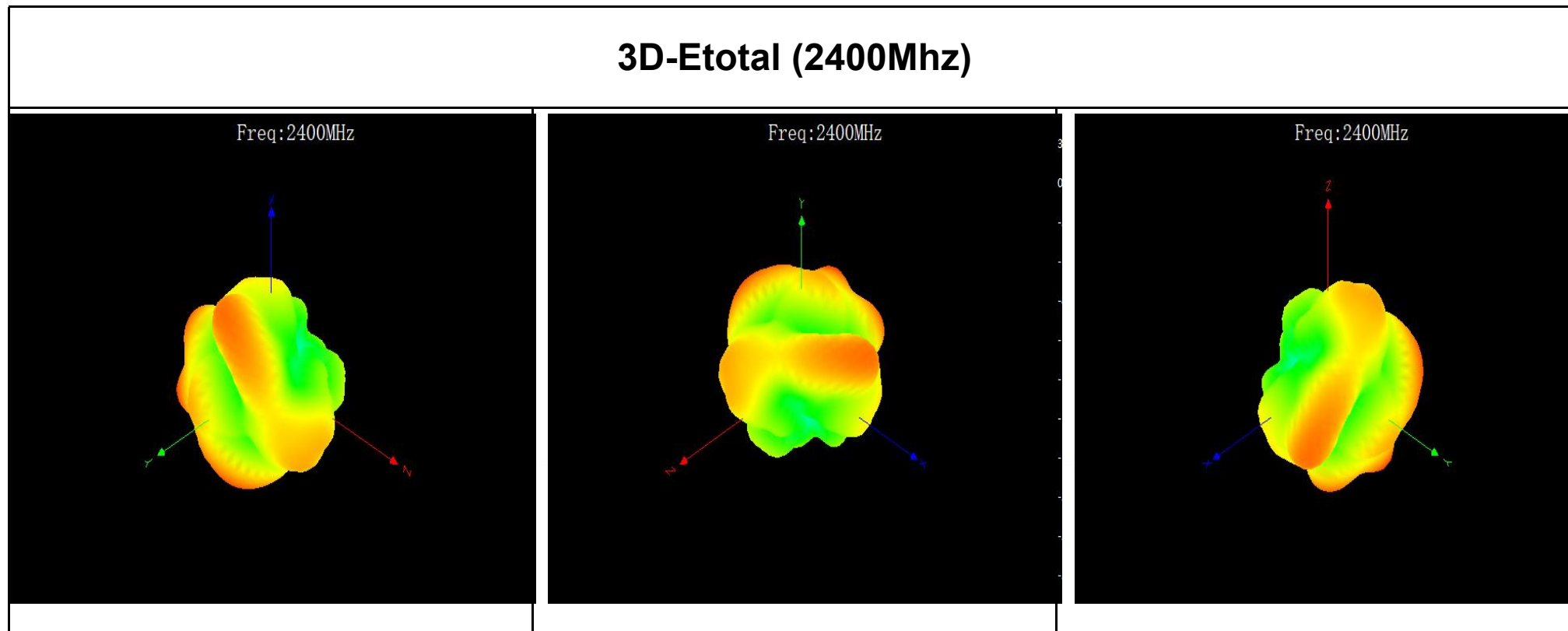




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3D-Etotal (2400Mhz)

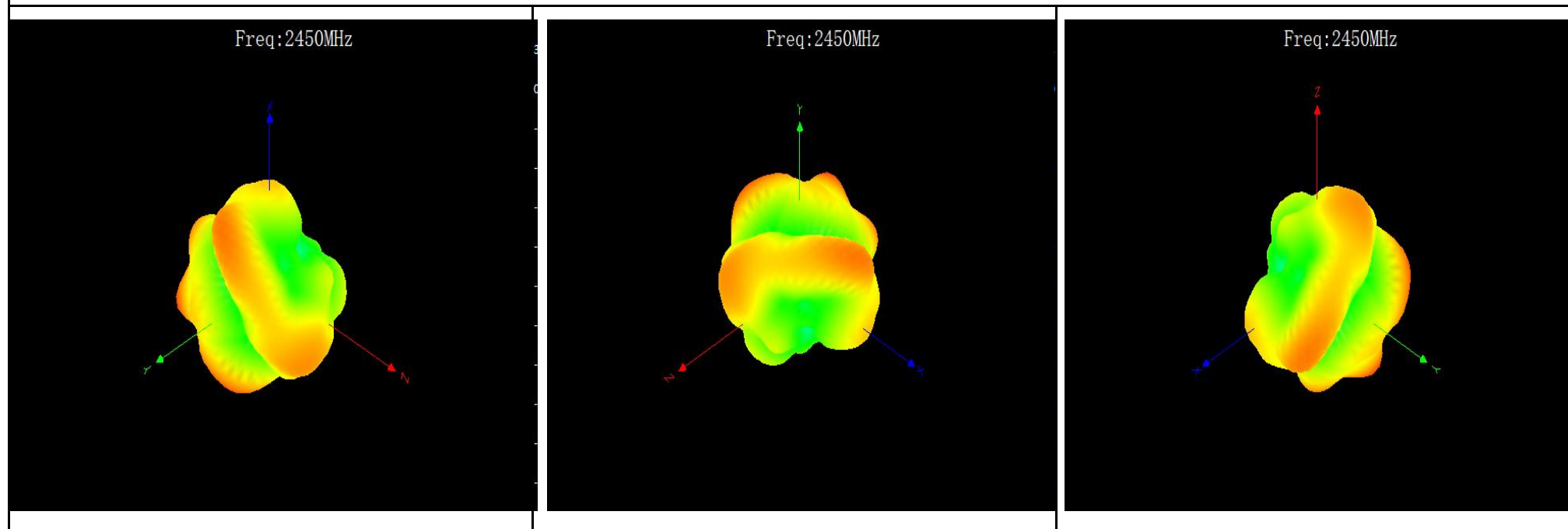




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3D-Etotal (2450Mhz)

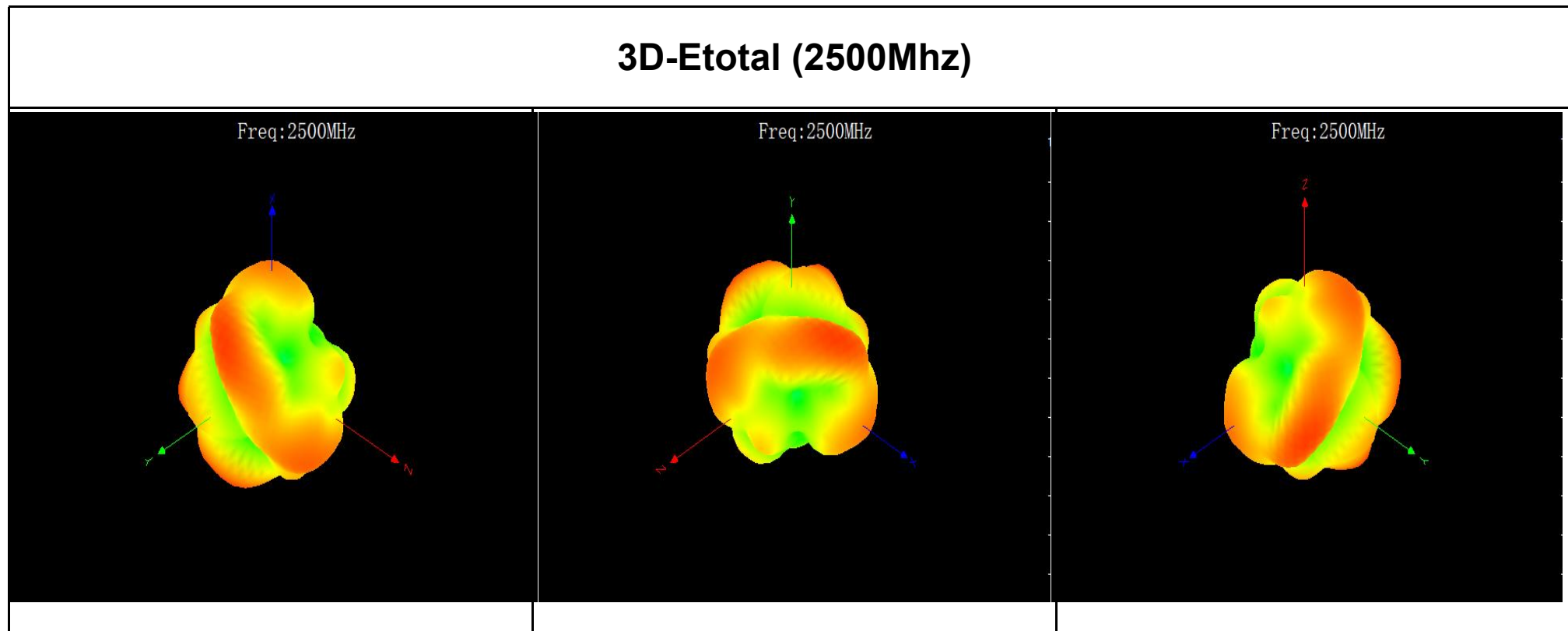




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3D-Etotal (2500Mhz)





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ANT Communication Technology (Shenzhen) Co., LTD.



THANK YOU!