



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

N2 TECHNOLOGY LTD

Antenna Test Report

ANT Communication Technology (Shenzhen) Co., LTD.

address : 701, Building A, No. 10, Jiangfu Road,

Xinzhuang

Community,

MatianStreet, Guangming District, Shenzhen

M/N : N2

Tester :

Hu Lin

Date :

2025 / 04/ 18

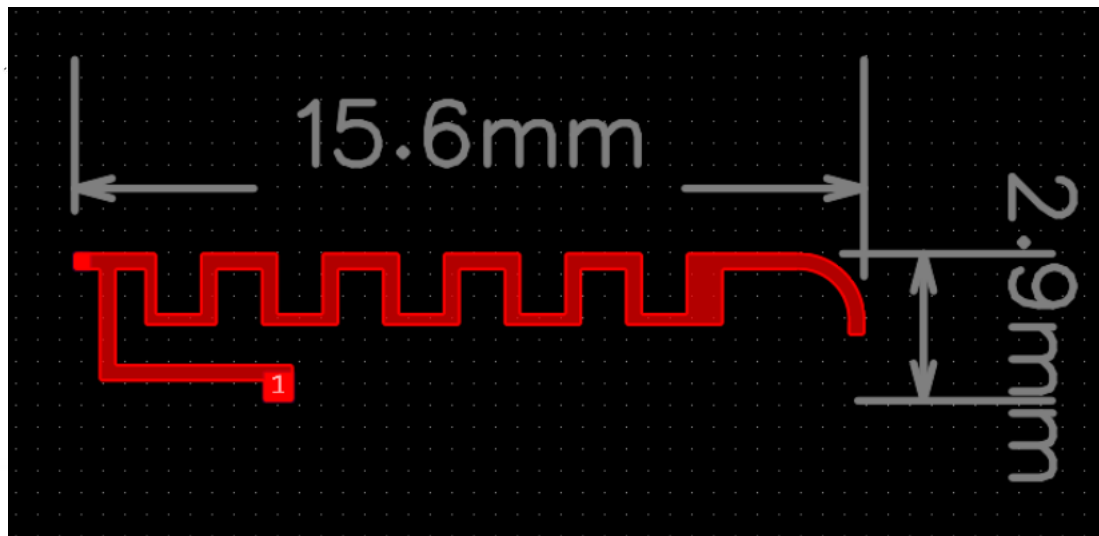


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1. Device Profile

2. BT Test



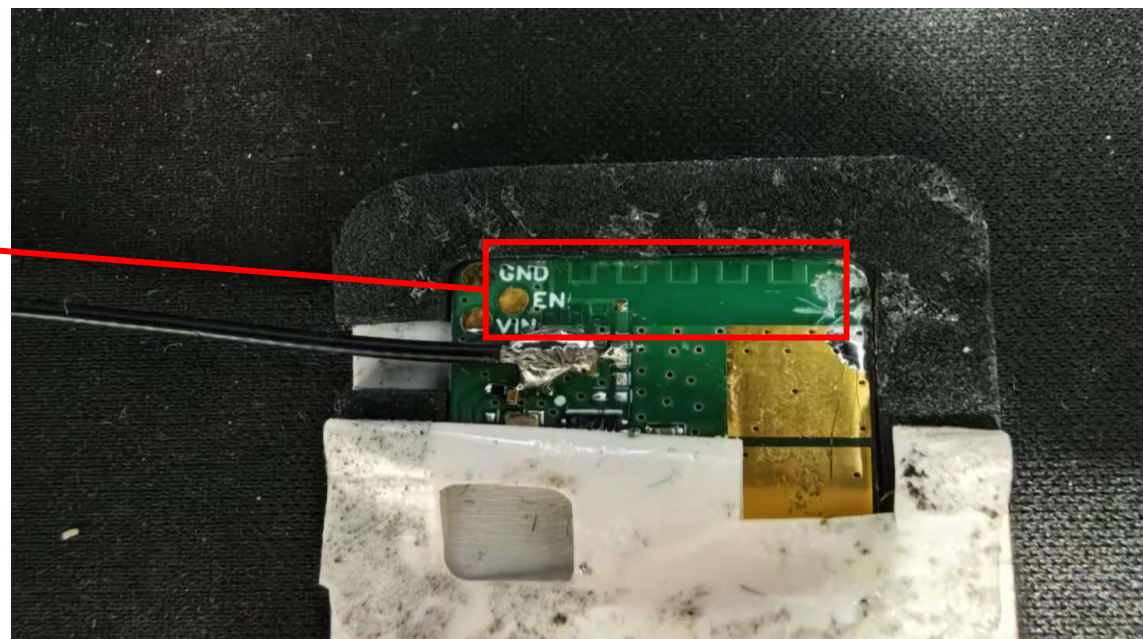


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1. Device Profile

BT Antenna



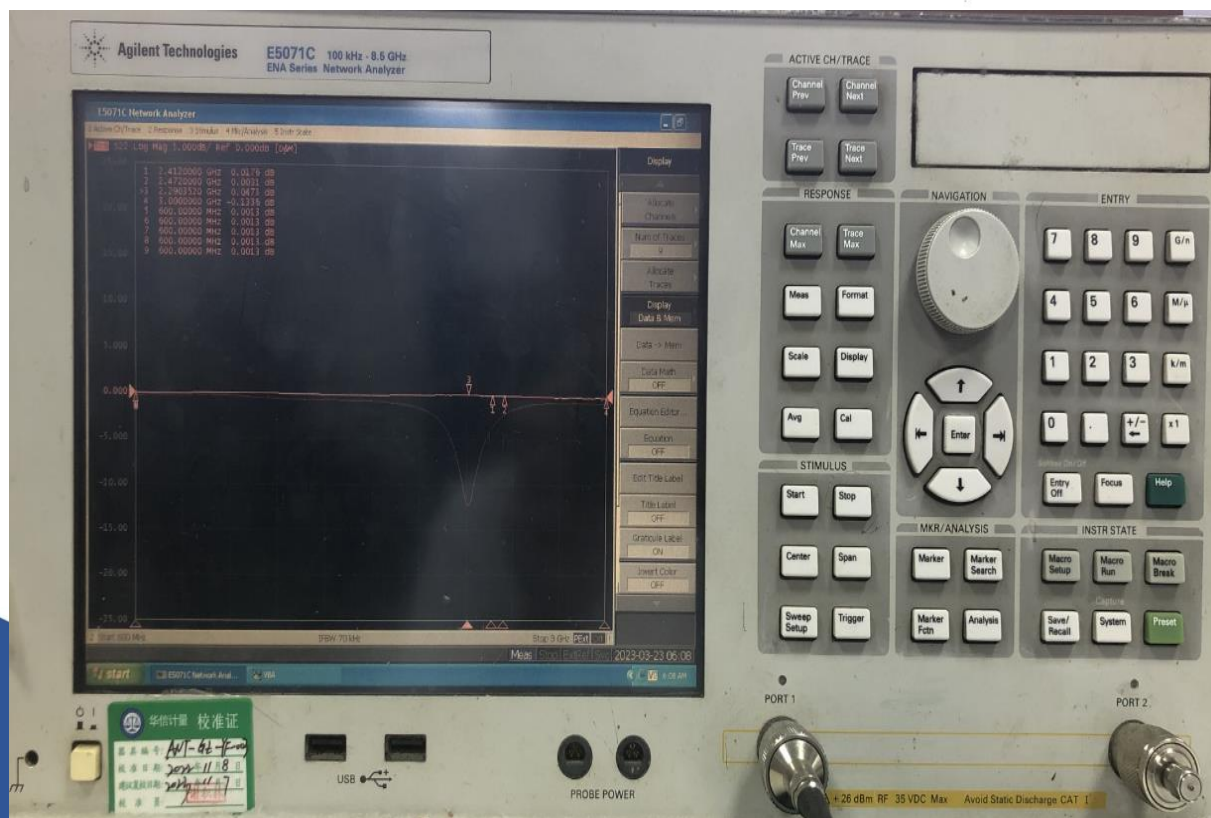


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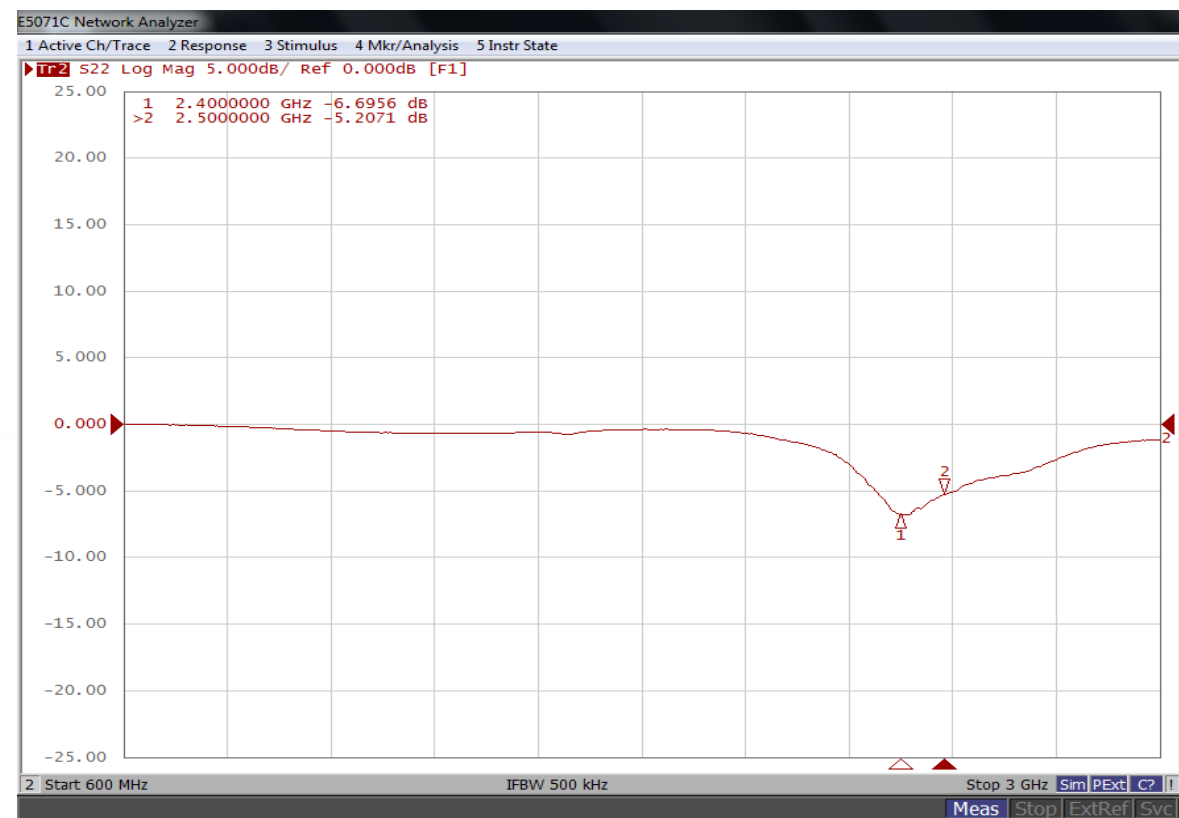
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2. BT Test

Agilent E5071C



S-Parameter Test

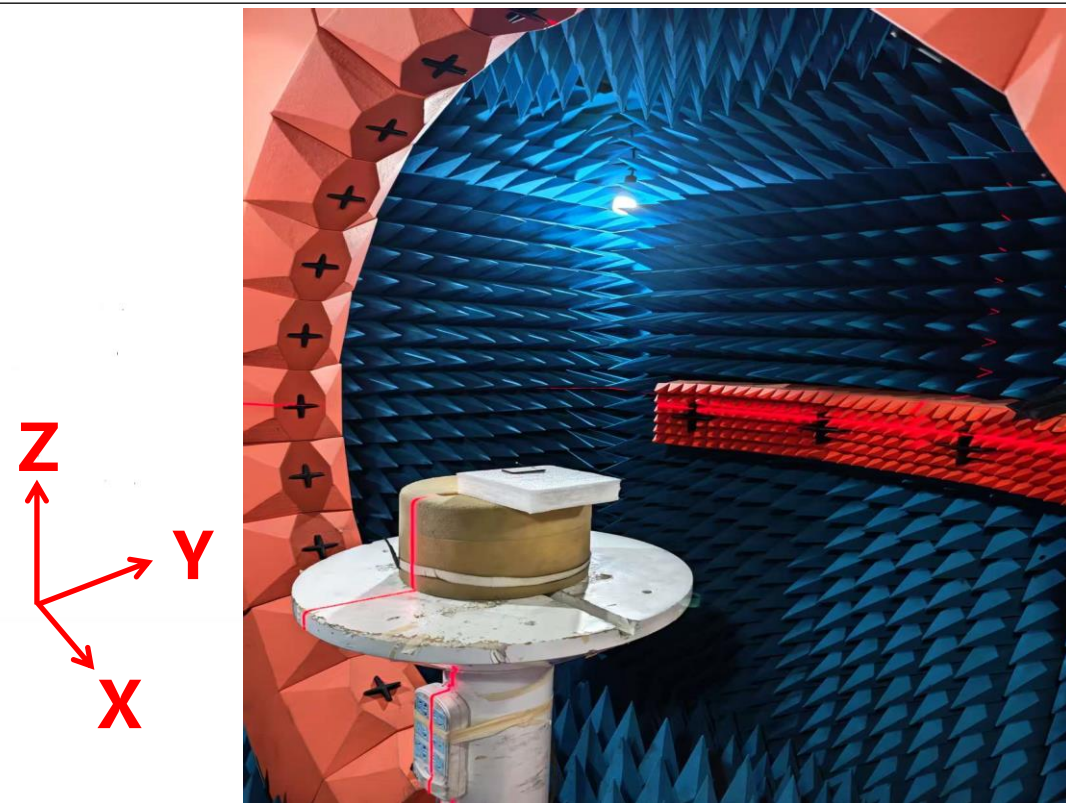
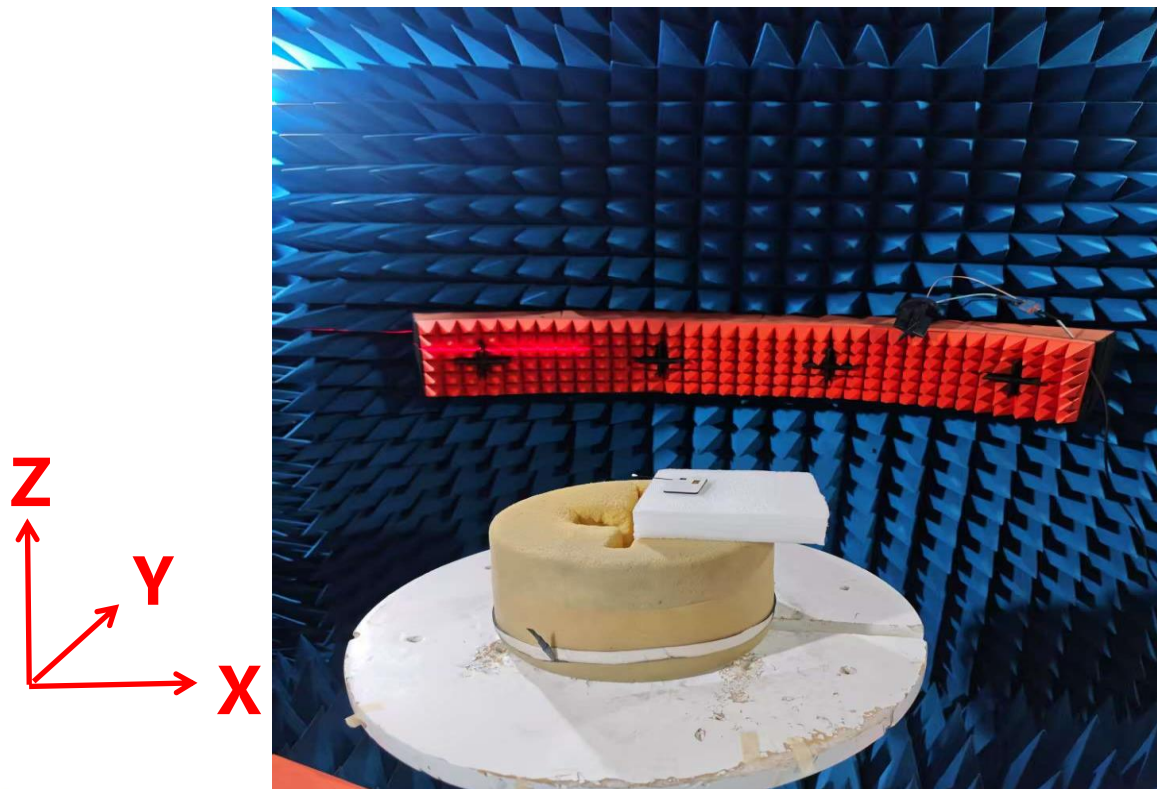




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-3.99	39.9	4.34
2410	-3.7	42.66	4.2
2420	-3.83	41.4	4.15
2430	-3.64	43.25	4.45
2440	-4.2	38.02	4.14
2450	-3.2	47.86	5.06
2460	-4.05	39.36	4
2470	-3.45	45.19	5.36
2480	-4.2	38.02	3.95
2490	-3.11	48.87	5.65
2500	-3.85	41.21	3.41

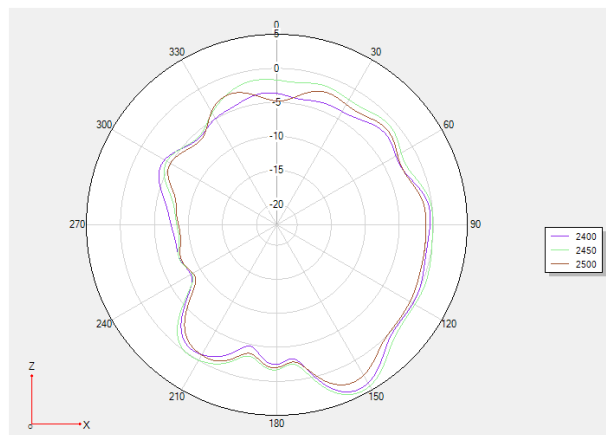


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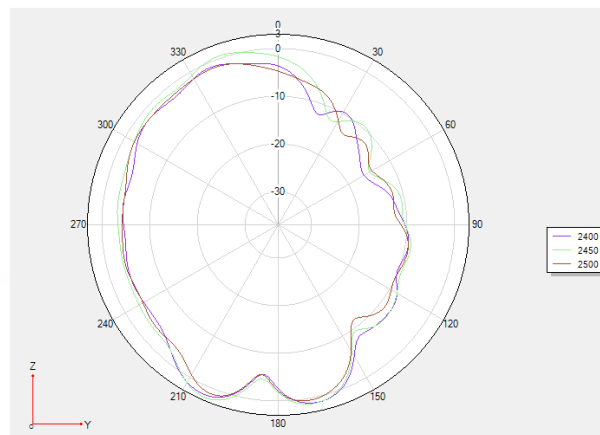
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2D-Etotal (2400/2450/2500Mhz)

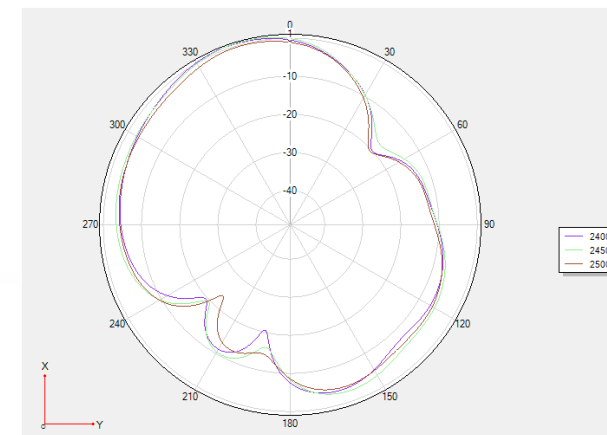
Phi 0 2D



Phi 90 2D



Theta 90 2D

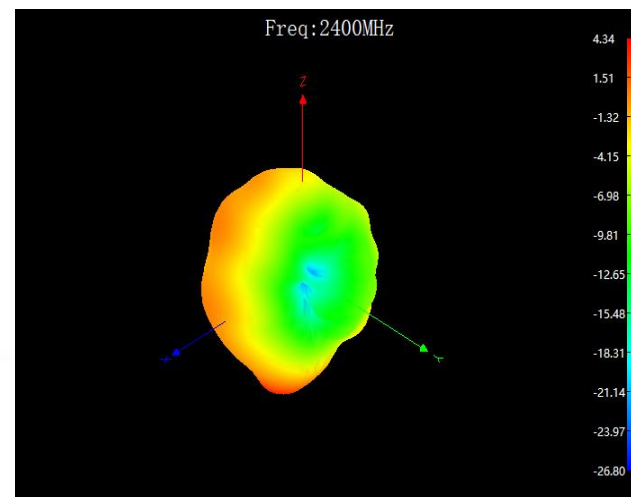
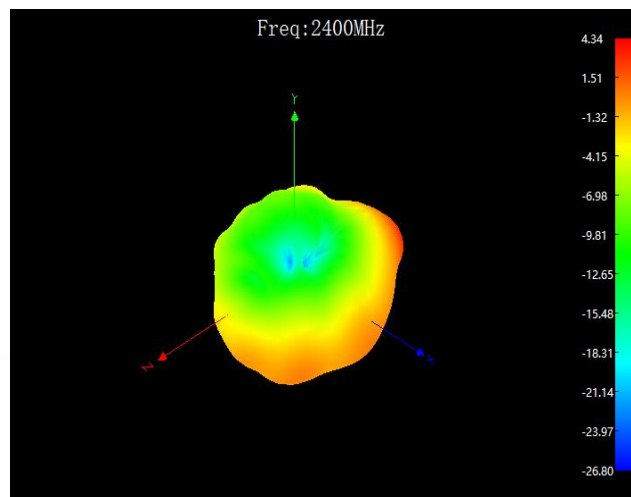
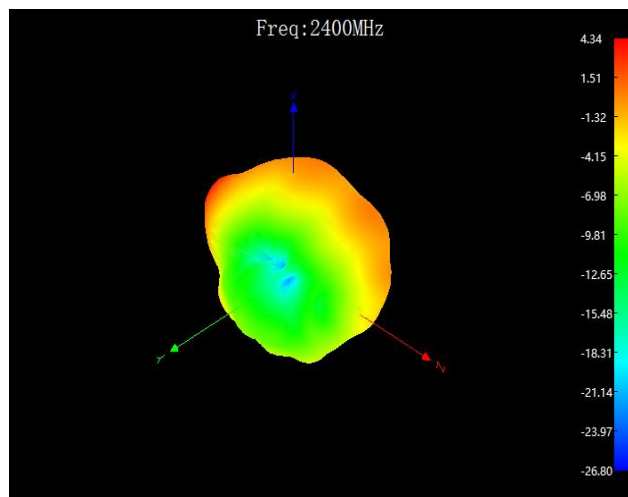




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3D-Etotal (2400Mhz)

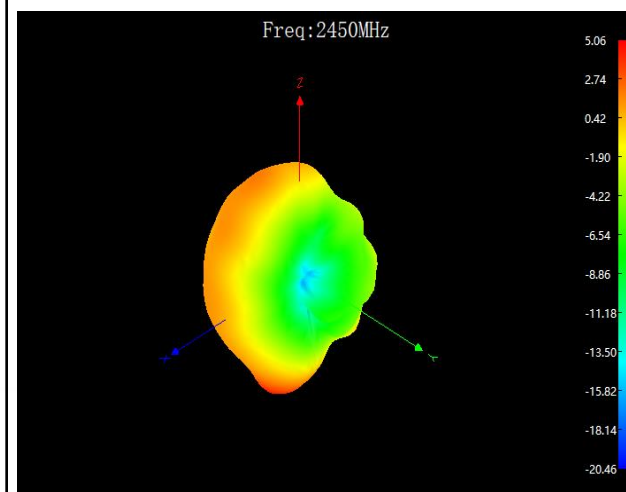
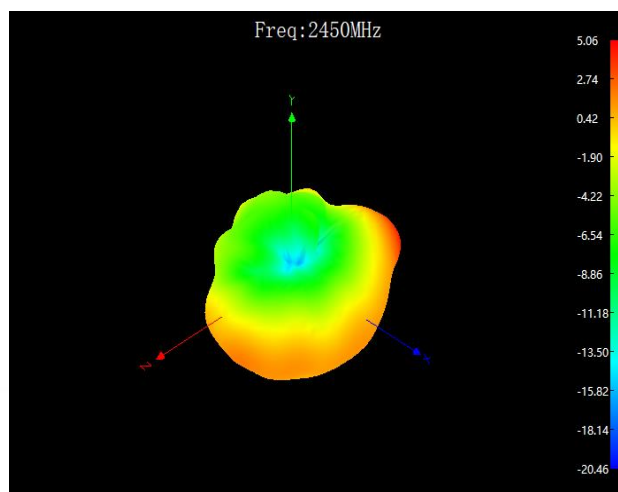
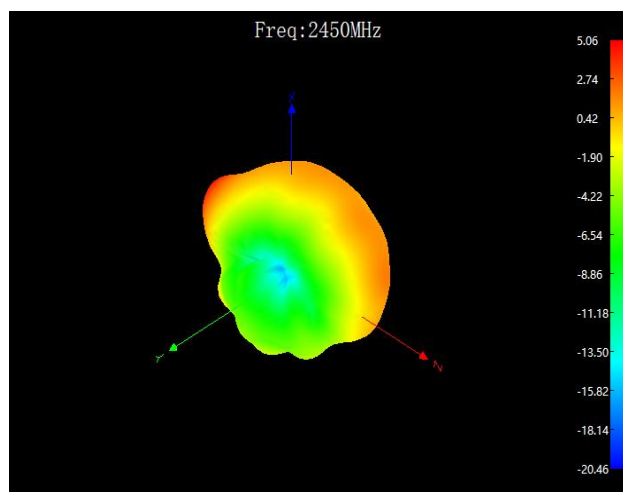




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3D-Etotal (2450Mhz)

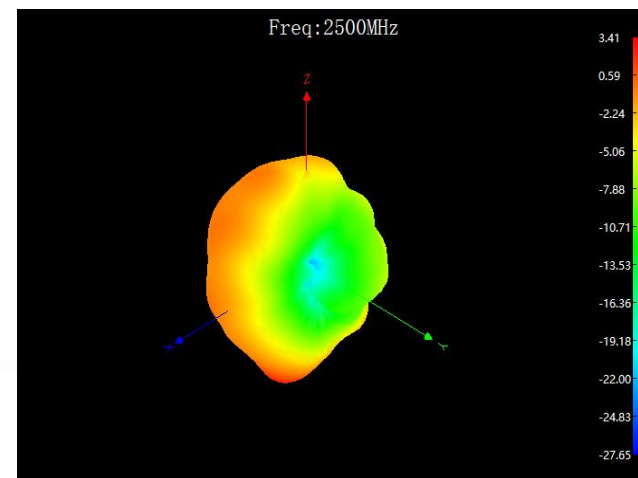
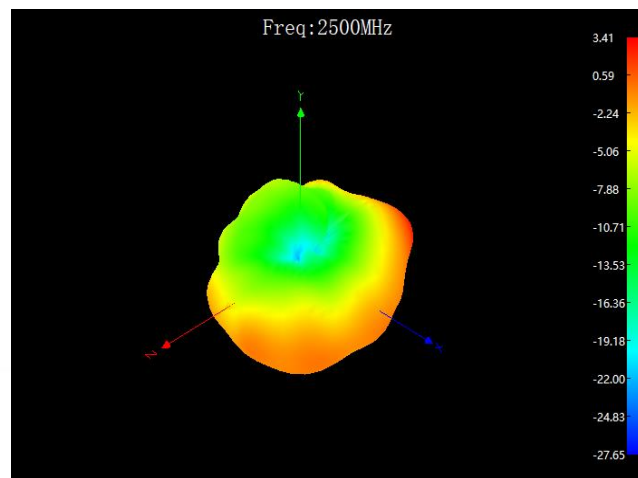
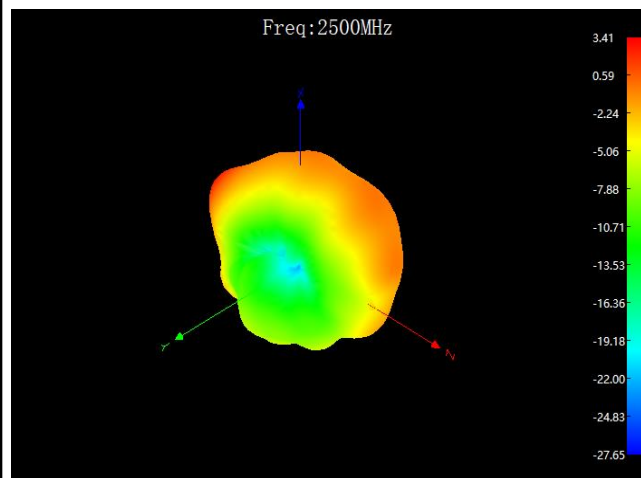




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3D-Etotal (2500Mhz)





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THANK YOU!