



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

701, Building A, No. 10, Jiangfu Road, Xinzhuang Community, Matian Street, Guangming District, Shenzhen, China

HUACHUANG TECHNOLOGY LTD

Antenna Test Report

Tester : Hu Lin
Approval : Liu Feng
Date : 2024 / 9 / 13



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1. Device Profile

2. BT Test



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1. Device Profile

BT Antenna

Model: 4098X-XX





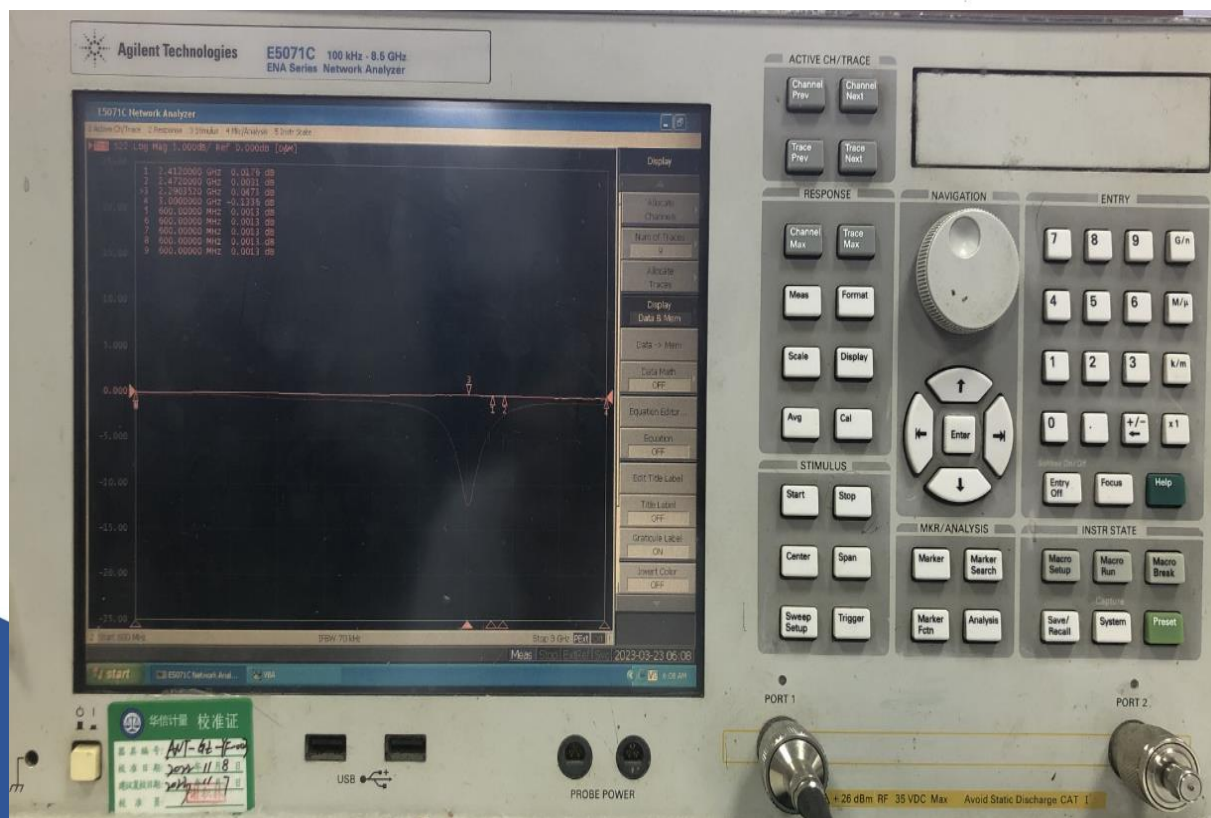
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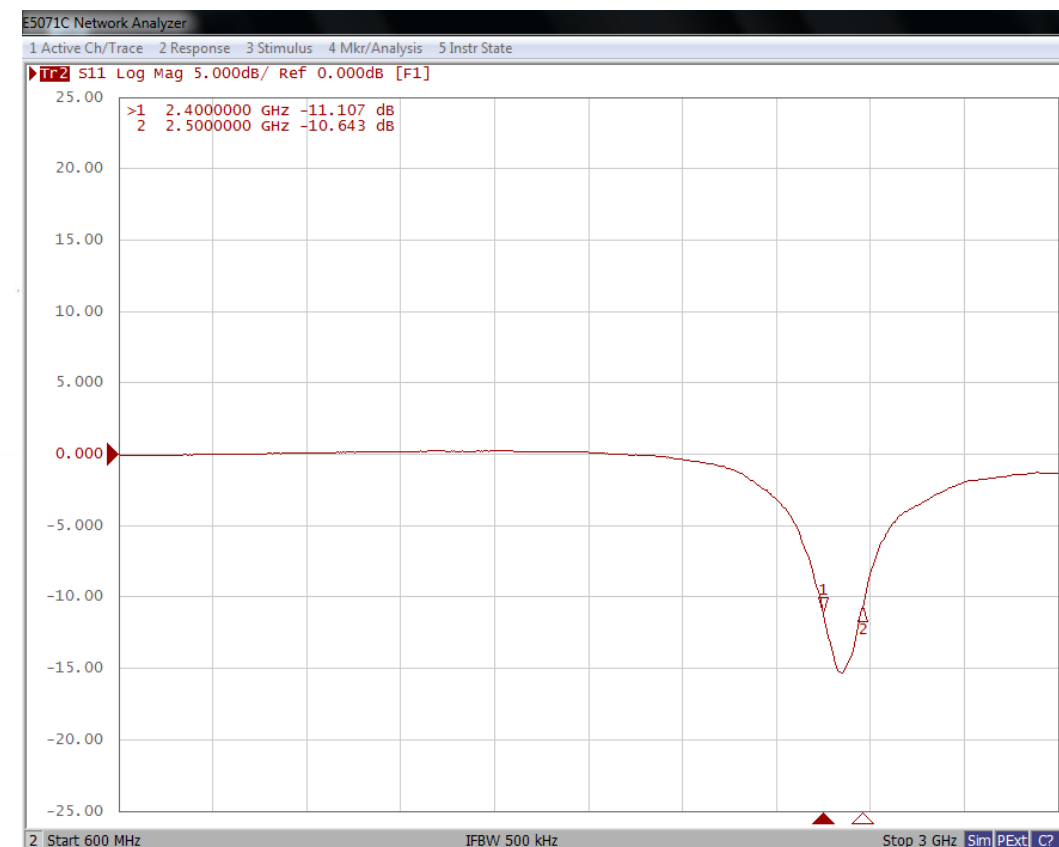
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2. BT Test

Agilent E5071C



S-Parameter Test



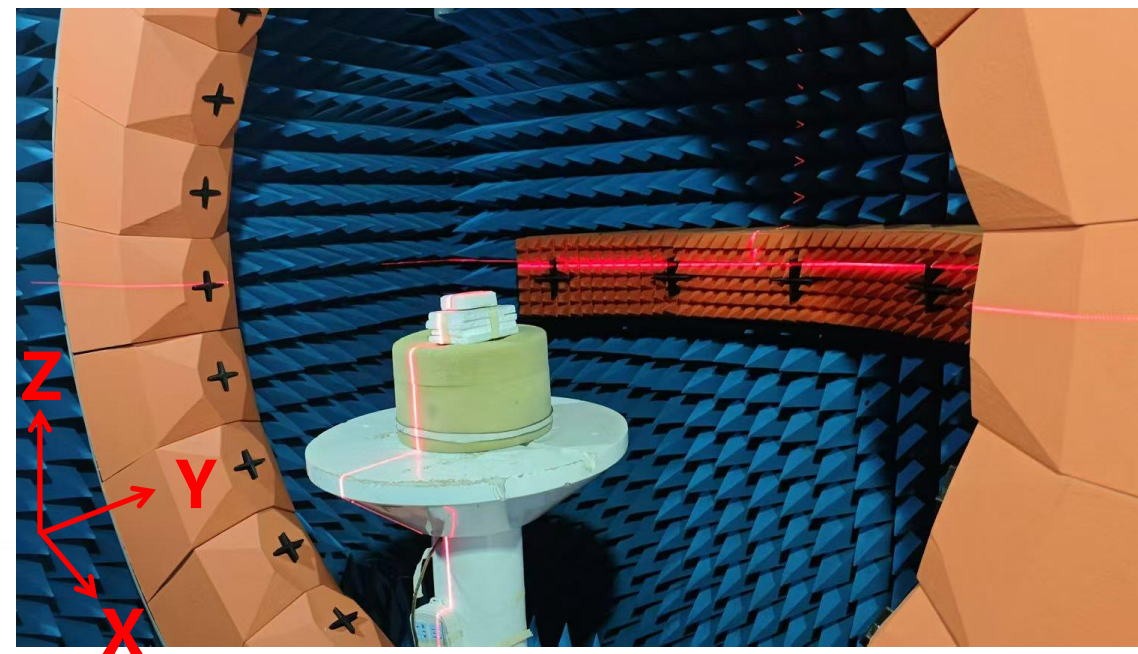
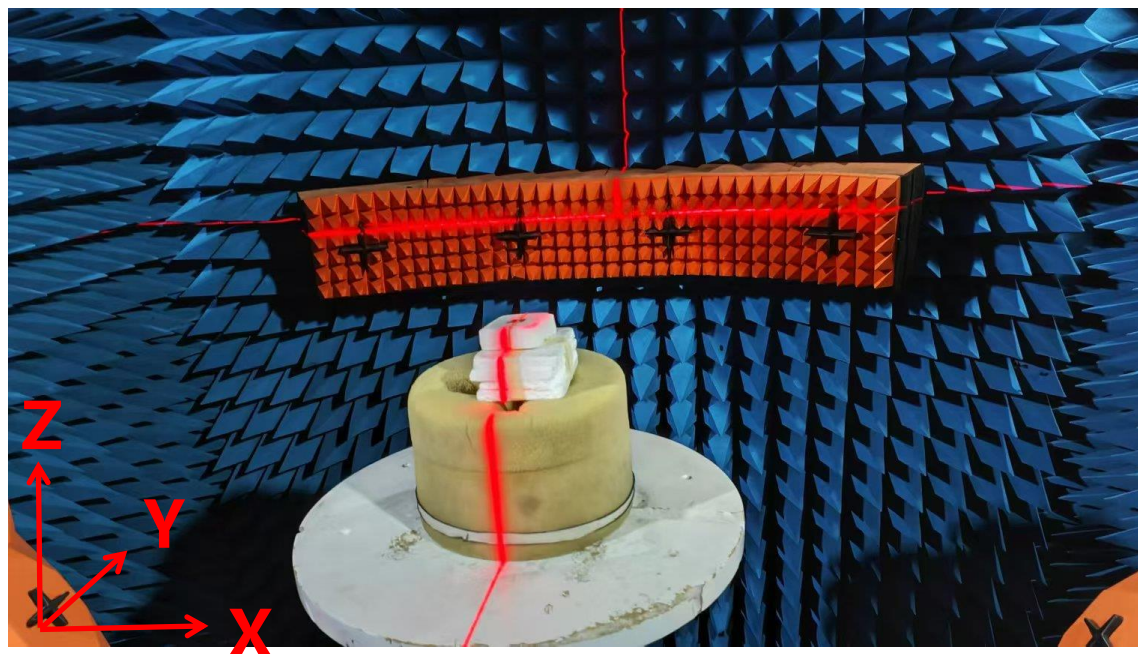


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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-3.53	44.36	2.13
2410	-3.86	41.11	1.45
2420	-3.34	46.34	2.4
2430	-3.78	41.88	1.44
2440	-3.27	47.1	2.16
2450	-3.3	46.77	1.43
2460	-3.36	46.13	1.69
2470	-3.68	42.85	1.53
2480	-3.62	43.45	1.26
2490	-3.55	44.16	1.92
2500	-3.66	43.05	1.17



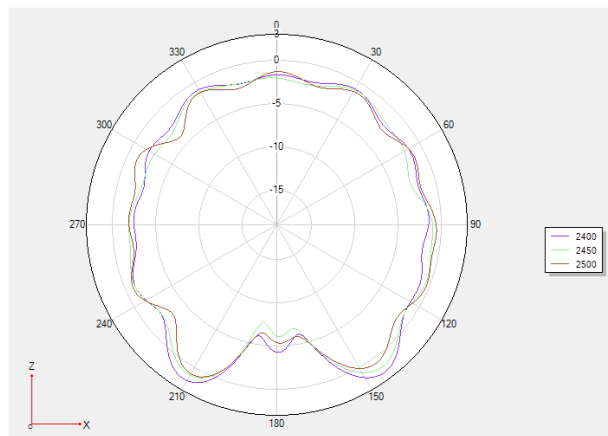
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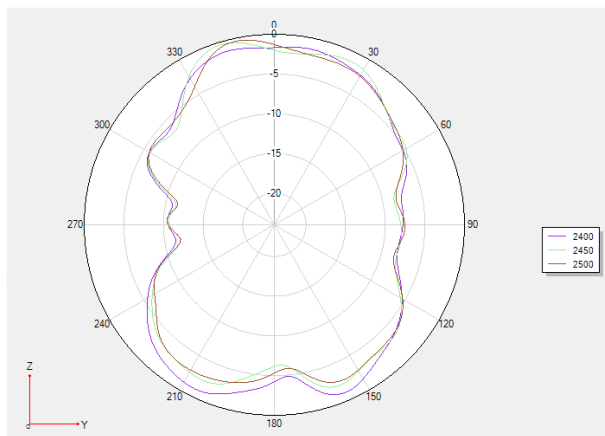
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2D-Etotal (2400/2450/2500Mhz)

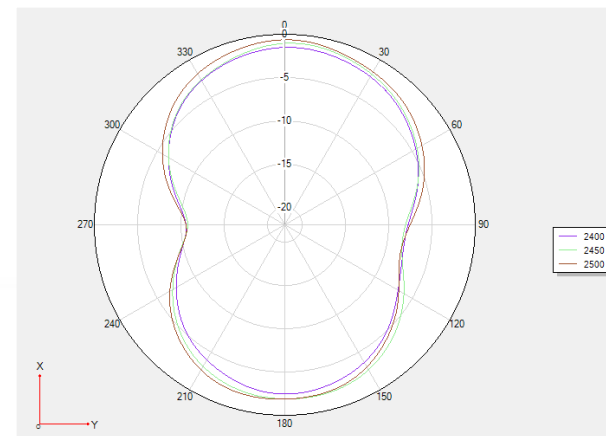
Phi 0 2D



Phi 90 2D



Theta 90 2D



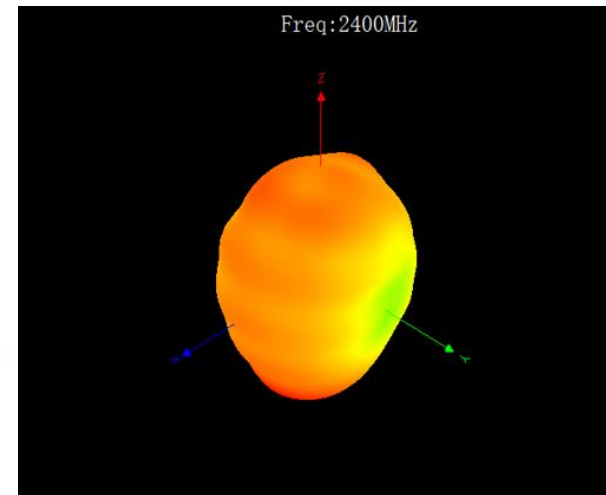
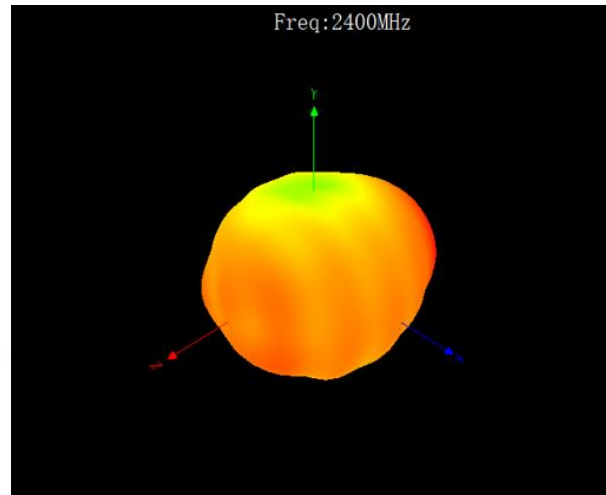
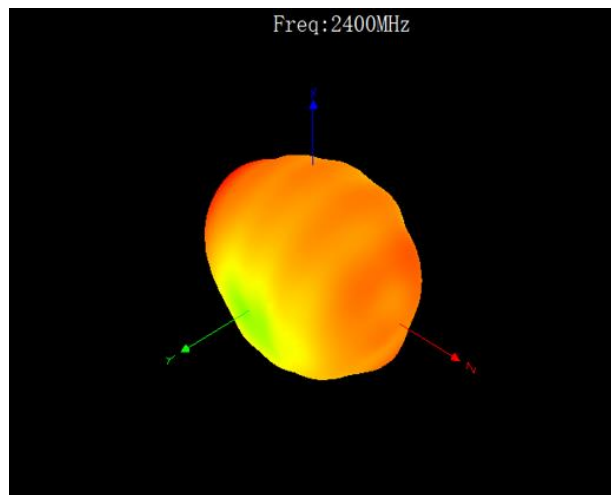


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3D-Etotal (2400Mhz)



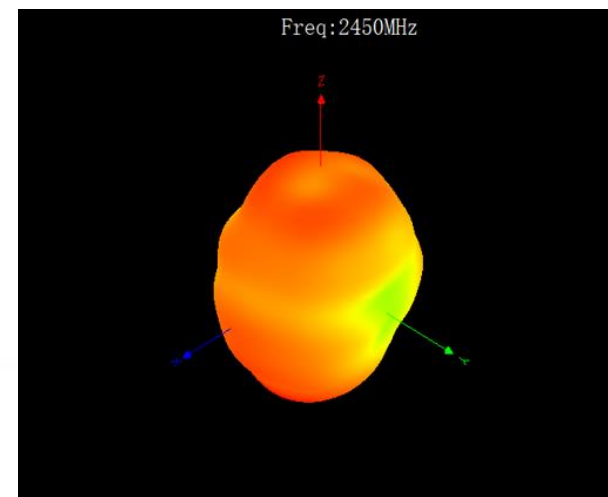
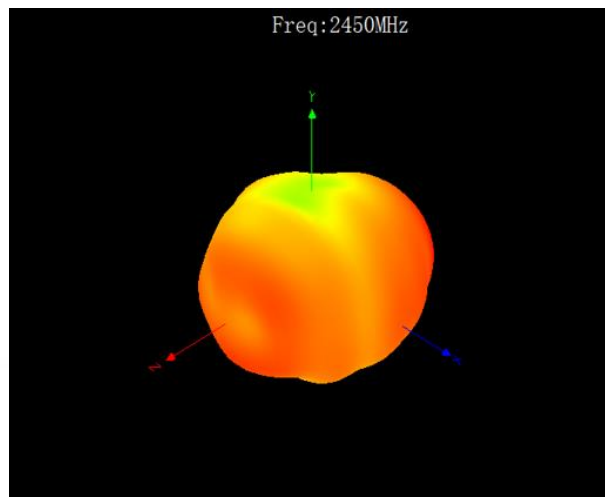
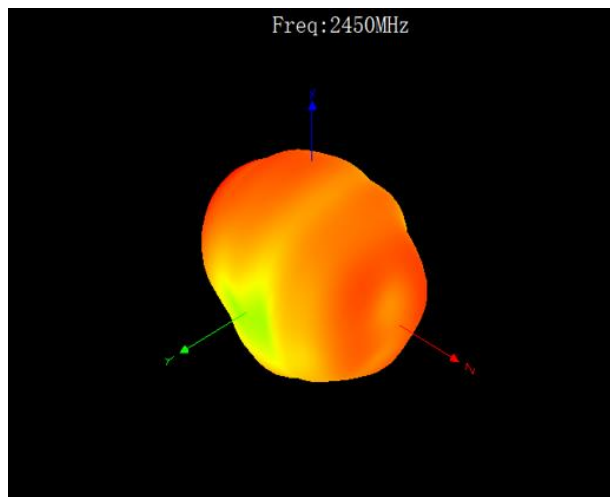


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3D-Etotal (2450Mhz)



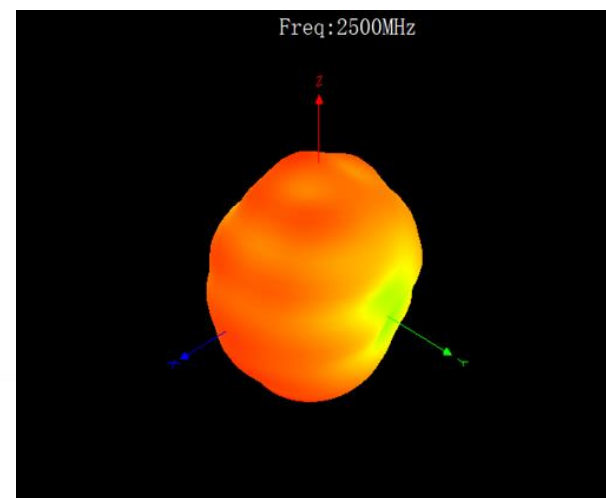
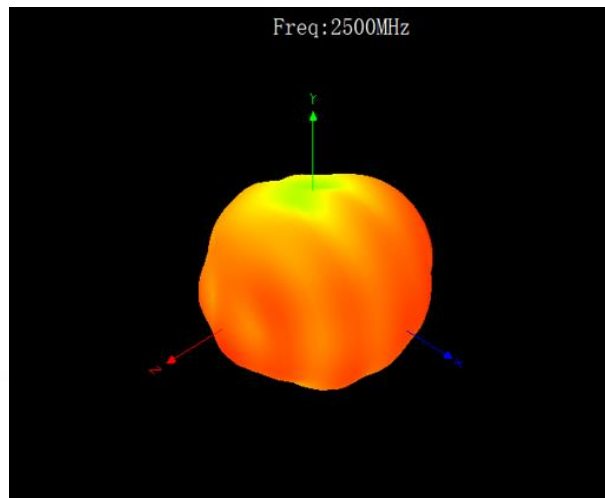
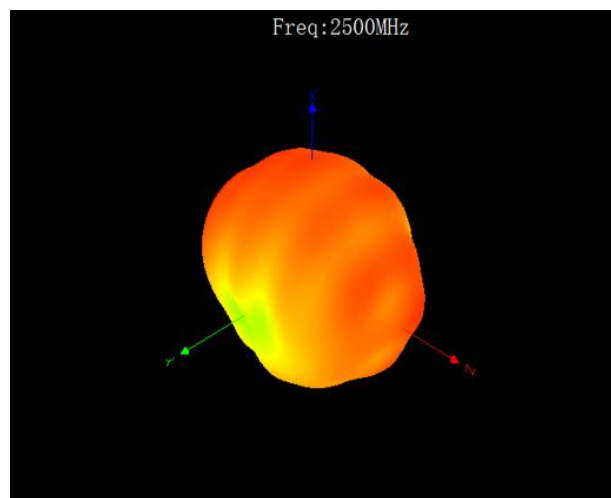


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3D-Etotal (2500Mhz)





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THANK YOU!