



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: H5PD

Tester : Hu Lin
Date : 2025 /11/11

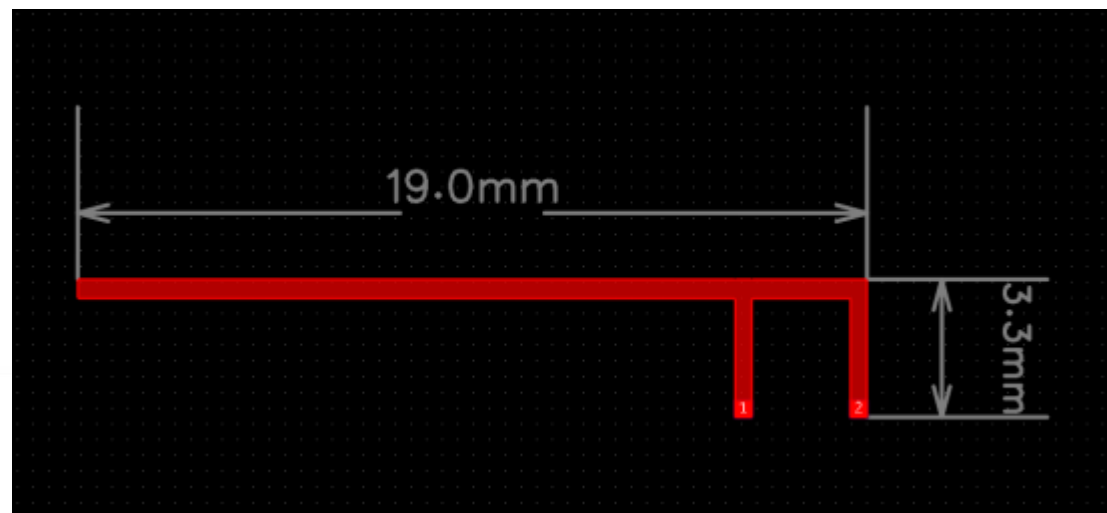


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1. Device Profile

2. 2.4G BT Test



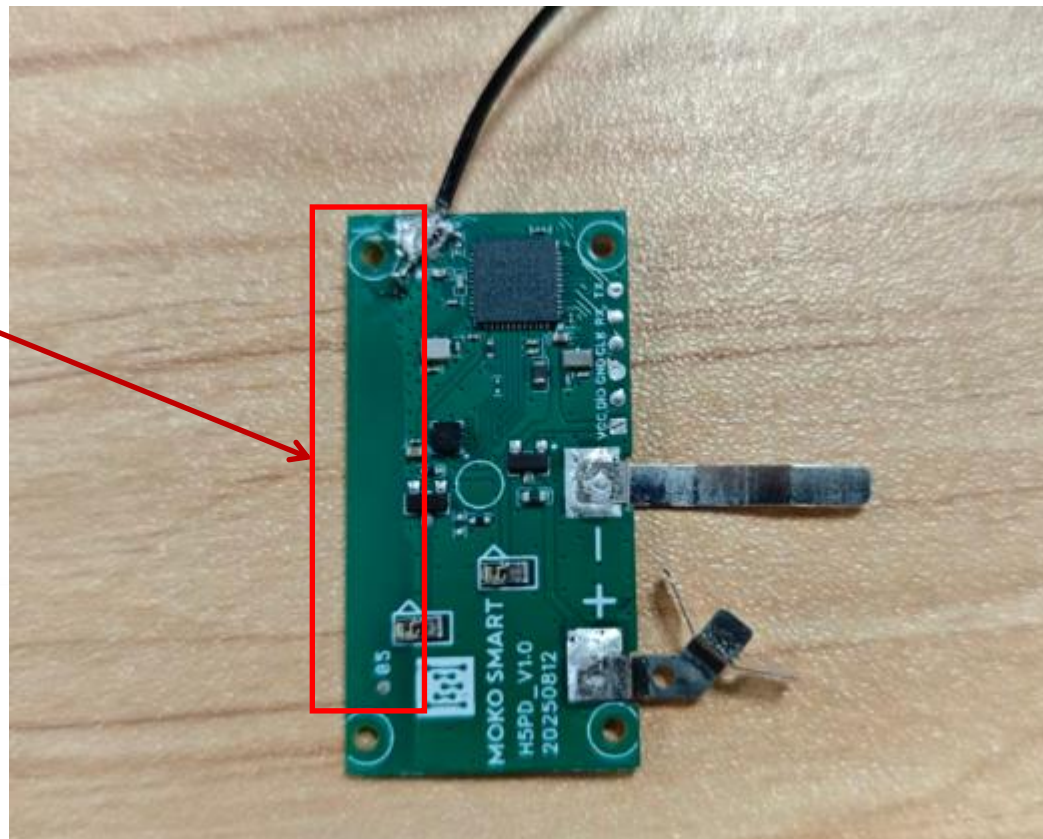
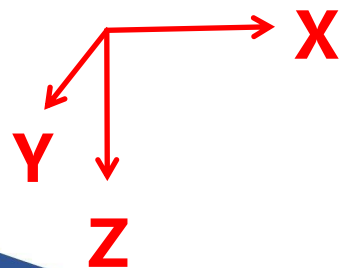


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1. Device Profile

BT Antenna



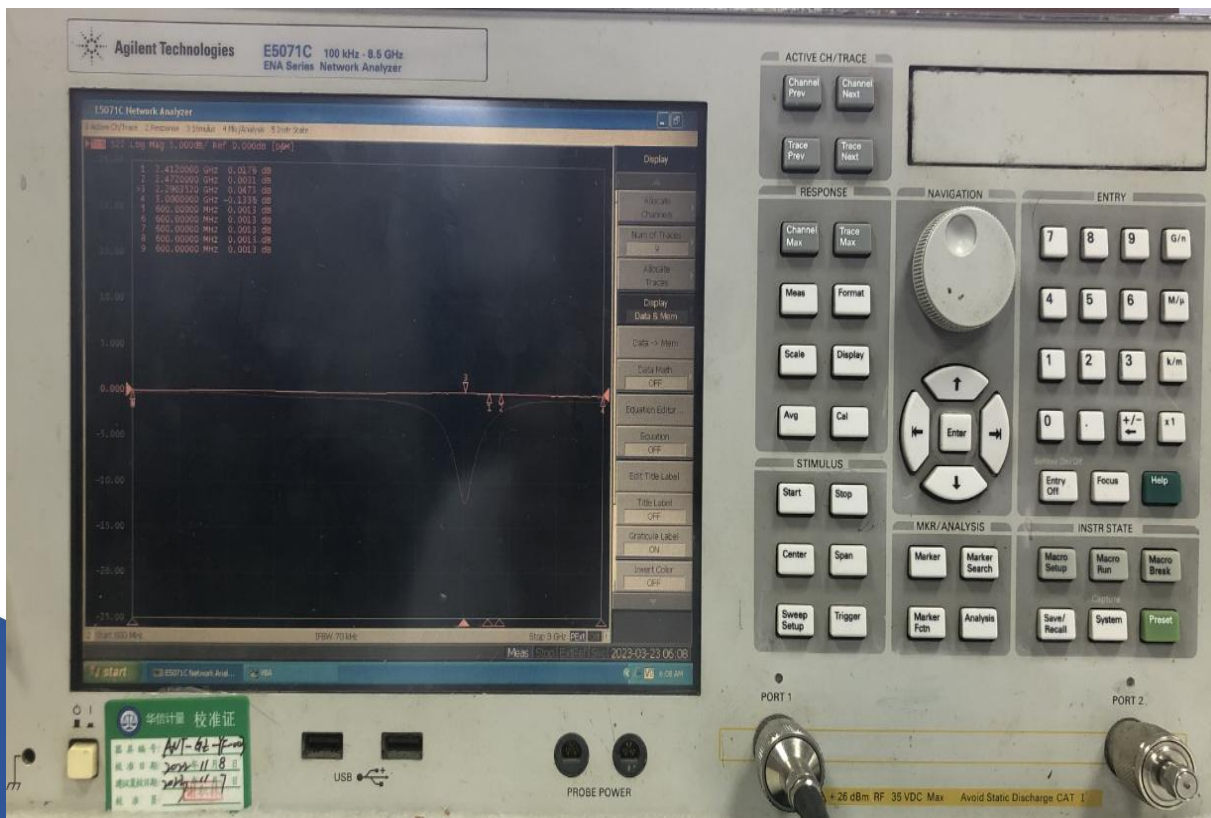


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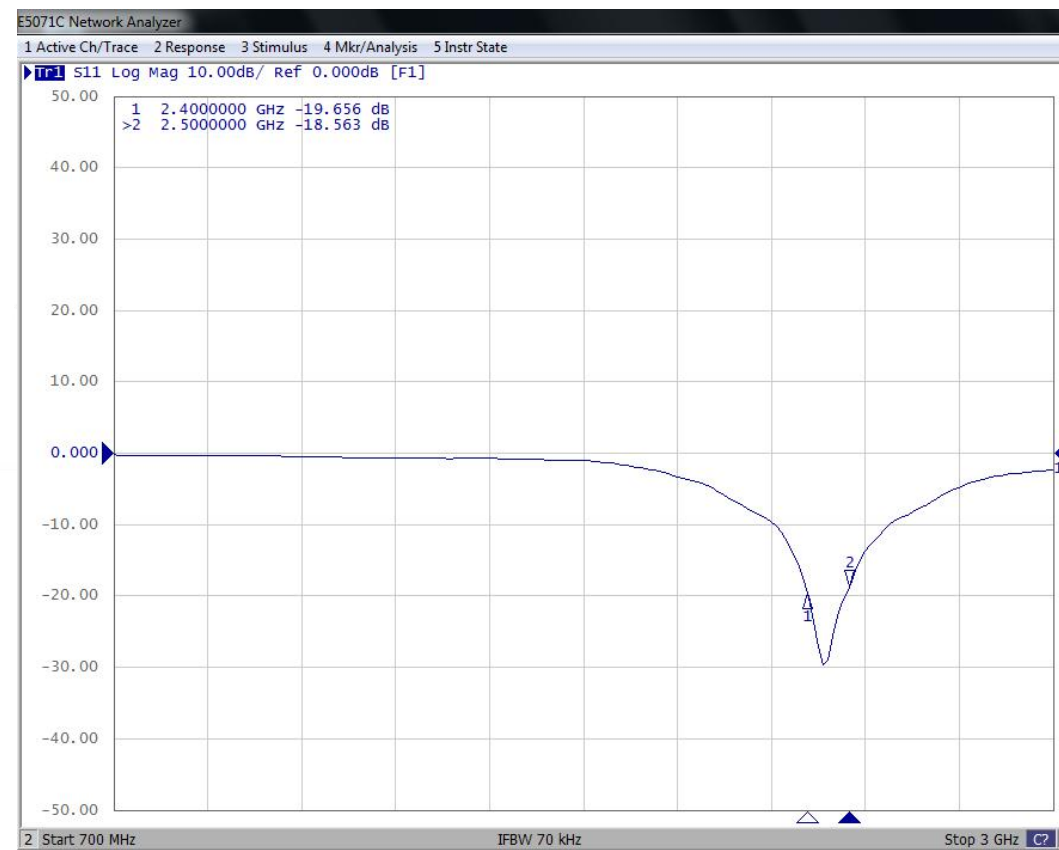
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2. WIFI Antenna Test

Agilent E5071C



S-Parameter Test

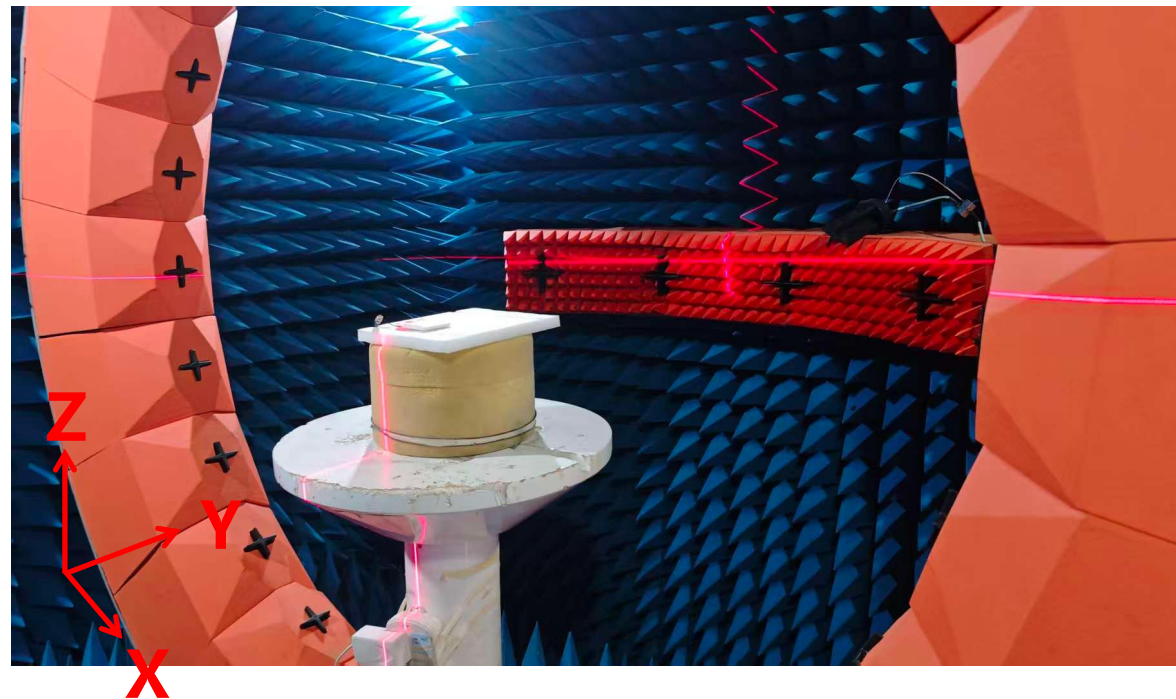
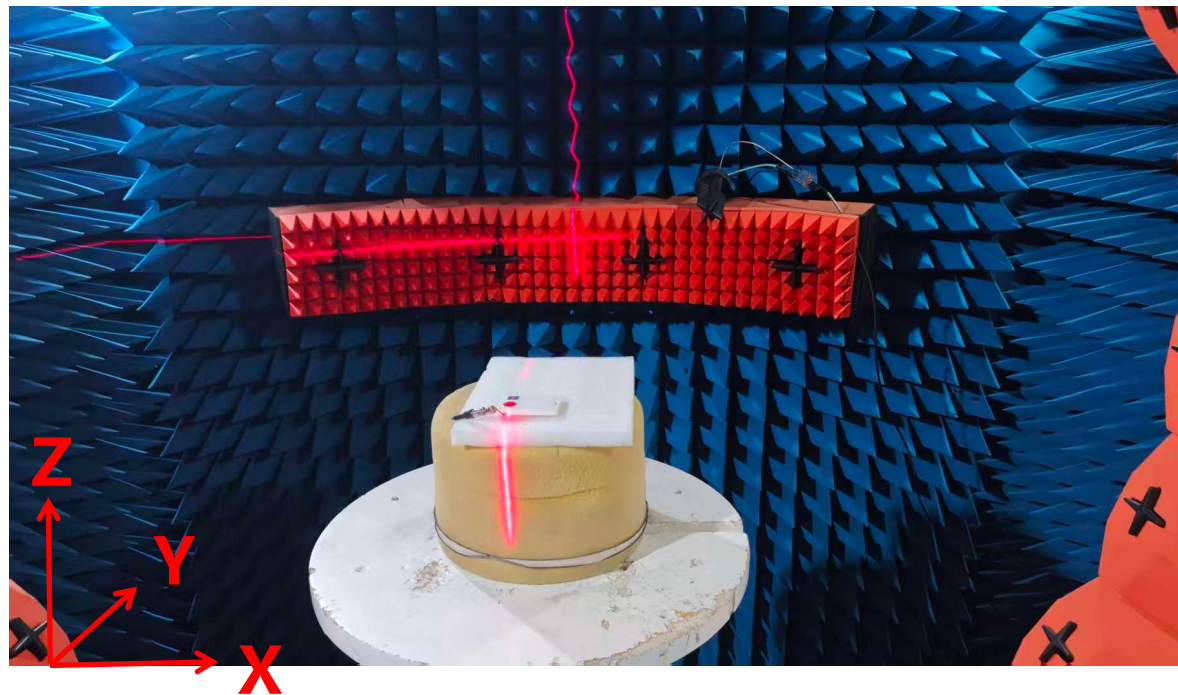




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-2.52	55.98	4.35
2410	-2.91	51.17	3.73
2420	-2.24	59.7	4.89
2430	-2.83	52.12	4.02
2440	-2.17	60.67	4.93
2450	-2.67	54.08	4.38
2460	-2.16	60.81	4.6
2470	-2.48	56.49	4.59
2480	-2.29	59.02	4.08
2490	-2.24	59.7	4.82
2500	-2.43	57.15	3.66

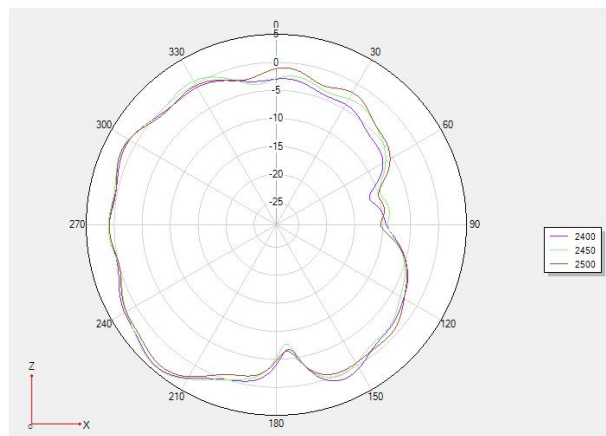


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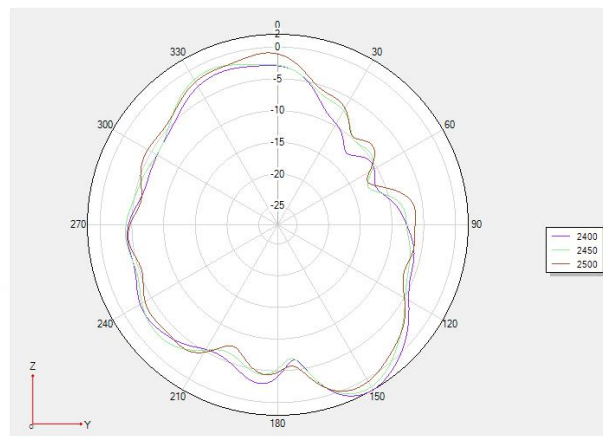
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2D-Etotal (2400/2450/2500Mhz)

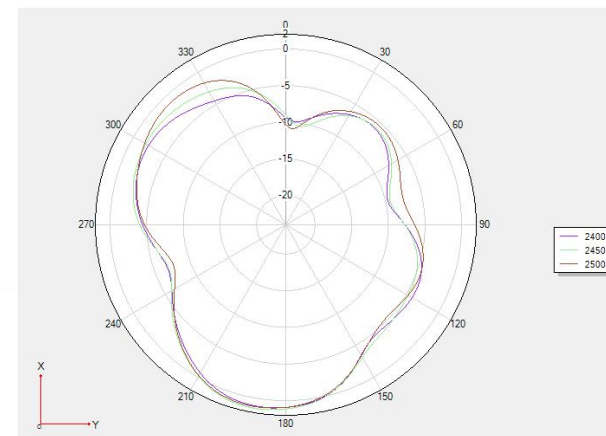
Phi 0 2D



Phi 90 2D



Theta 90 2D

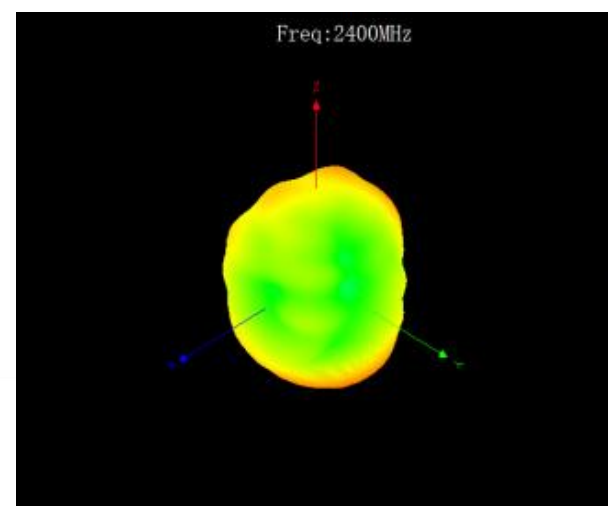
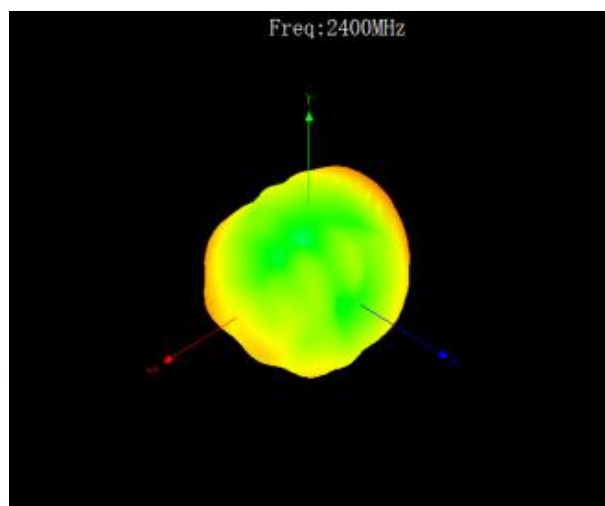
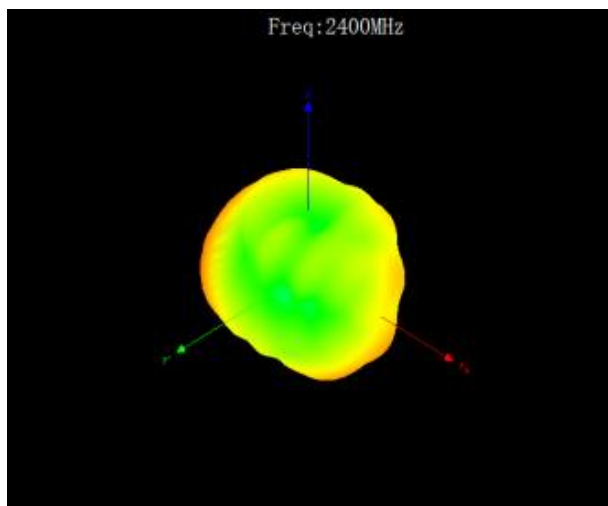




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3D-Etotal (2400Mhz)

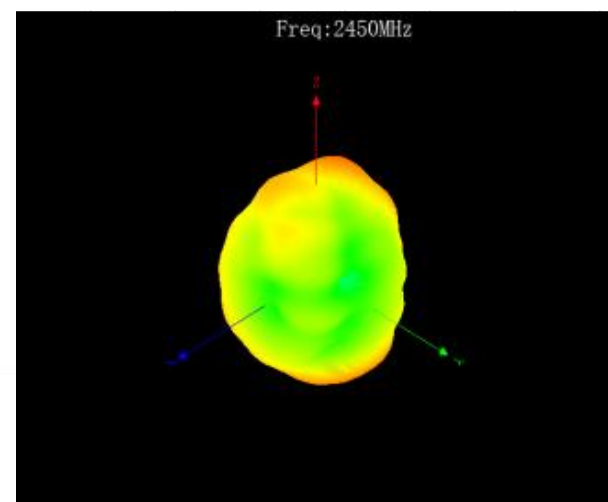
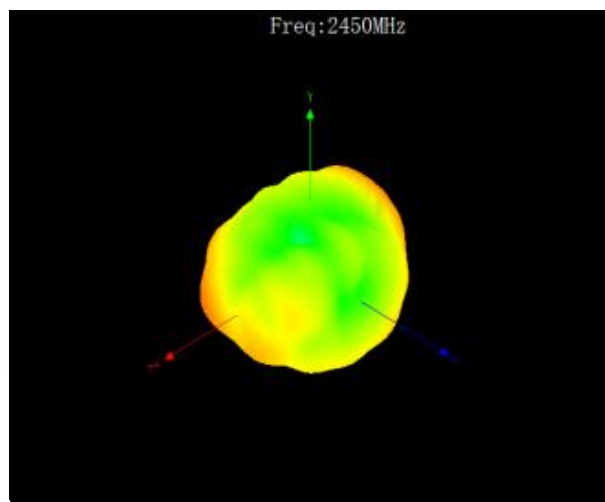
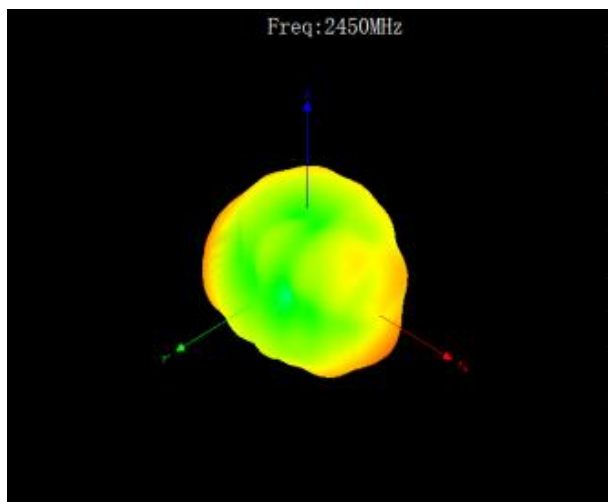




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3D-Etotal (2450Mhz)

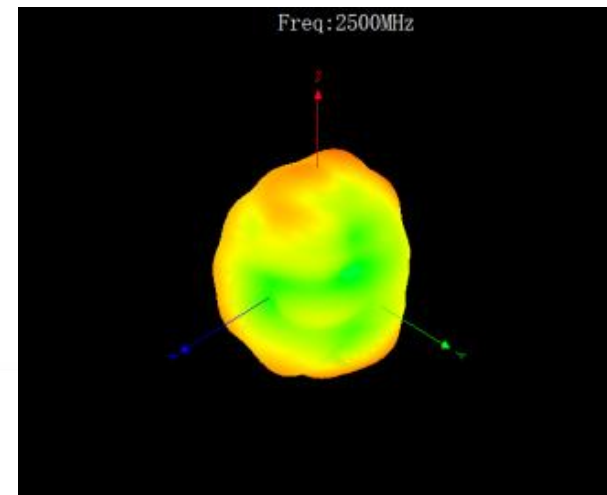
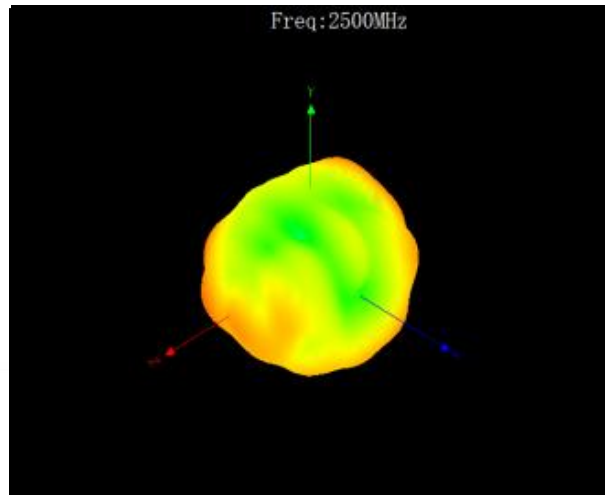
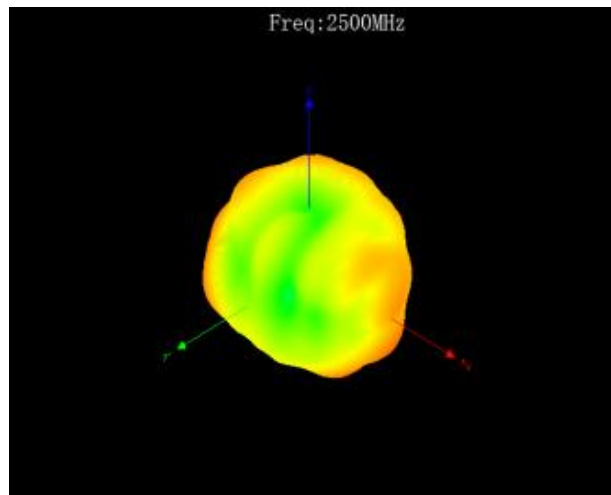




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3D-Etotal (2500Mhz)





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THANK YOU!