



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

HUACHUANG TECHNOLOGY LTD

Antenna Test Report

Tester : Hu Lin
Approval : Liu Feng
Date : 2024 / 05 / 20



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1. Device Profile

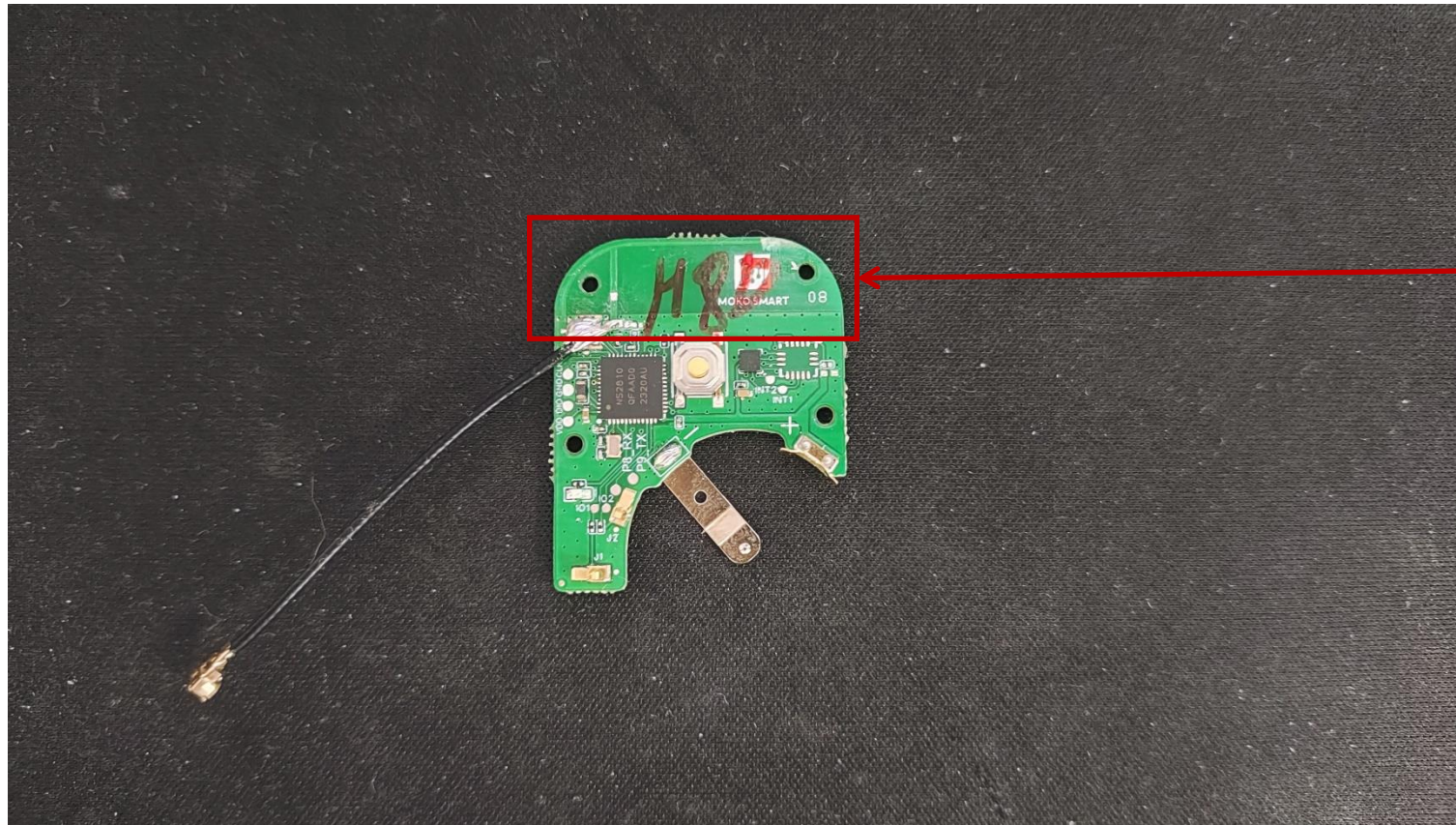
2. 2400-2500MHz



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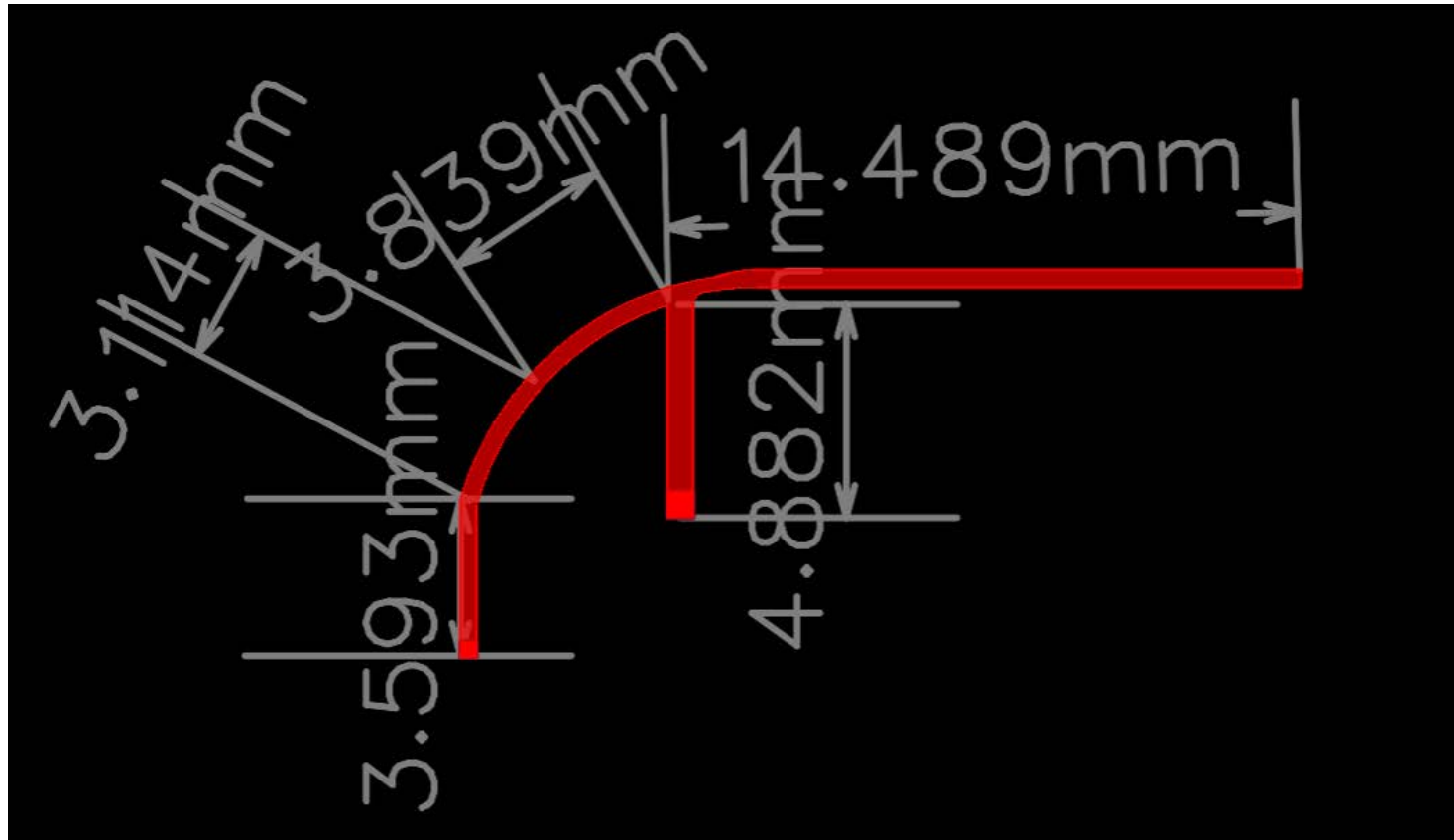
1. Device Profile



BT Antenna

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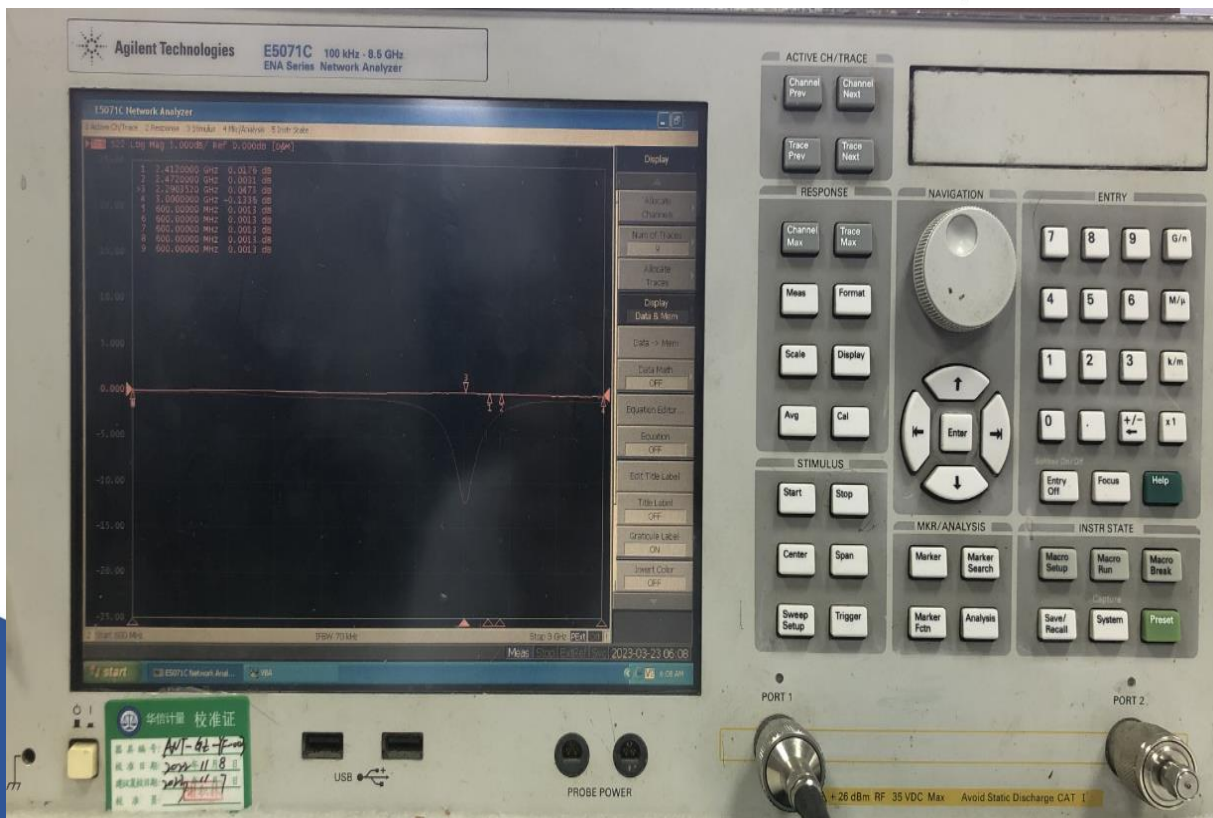


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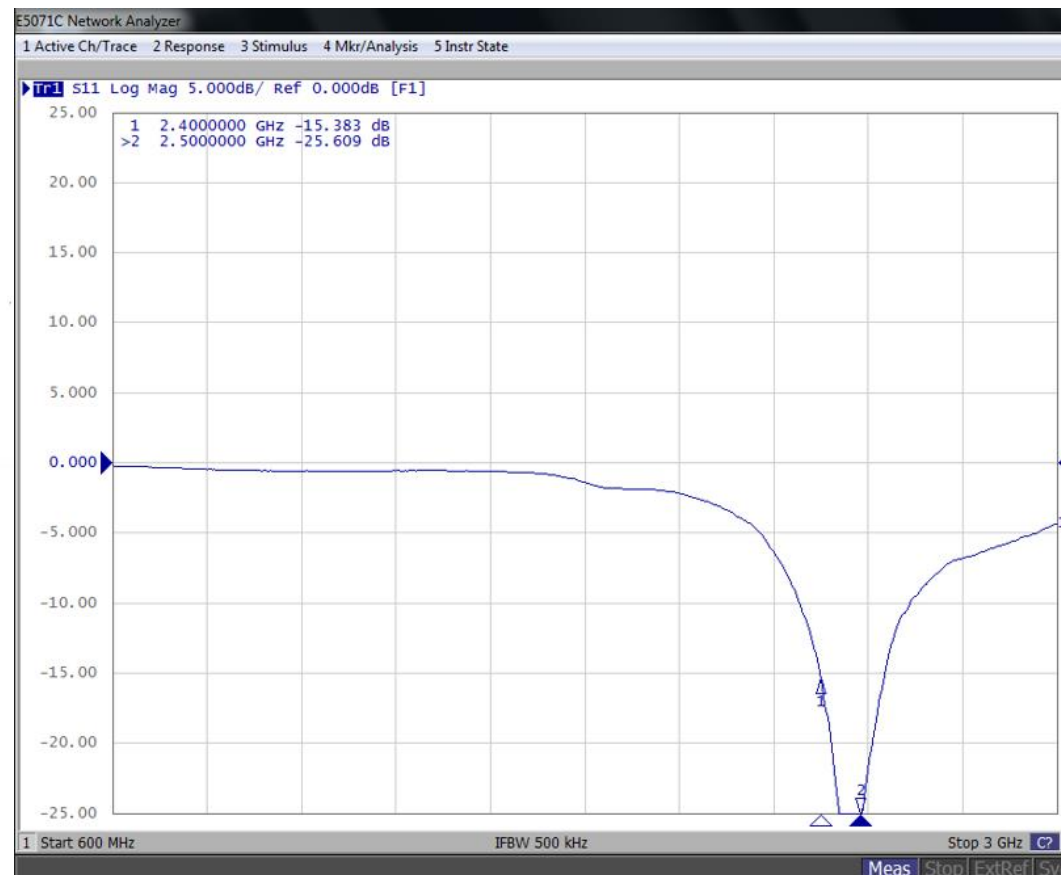
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2. 2400-2500MHz、5150-5850MHz Test

Agilent E5071C



S-Parameter Test

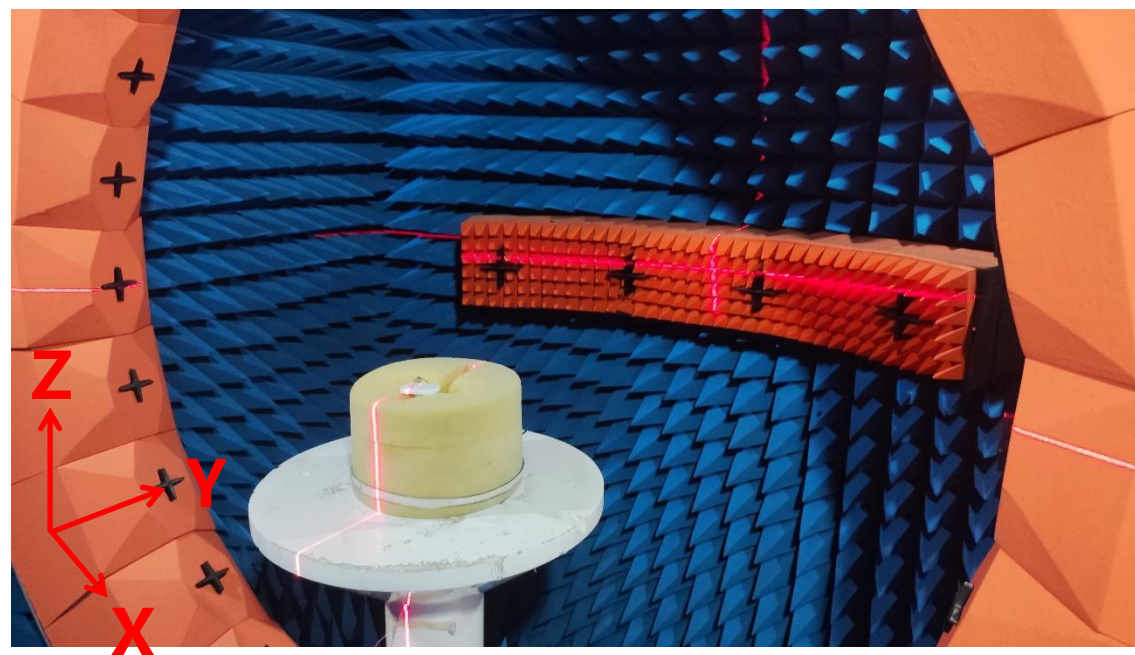
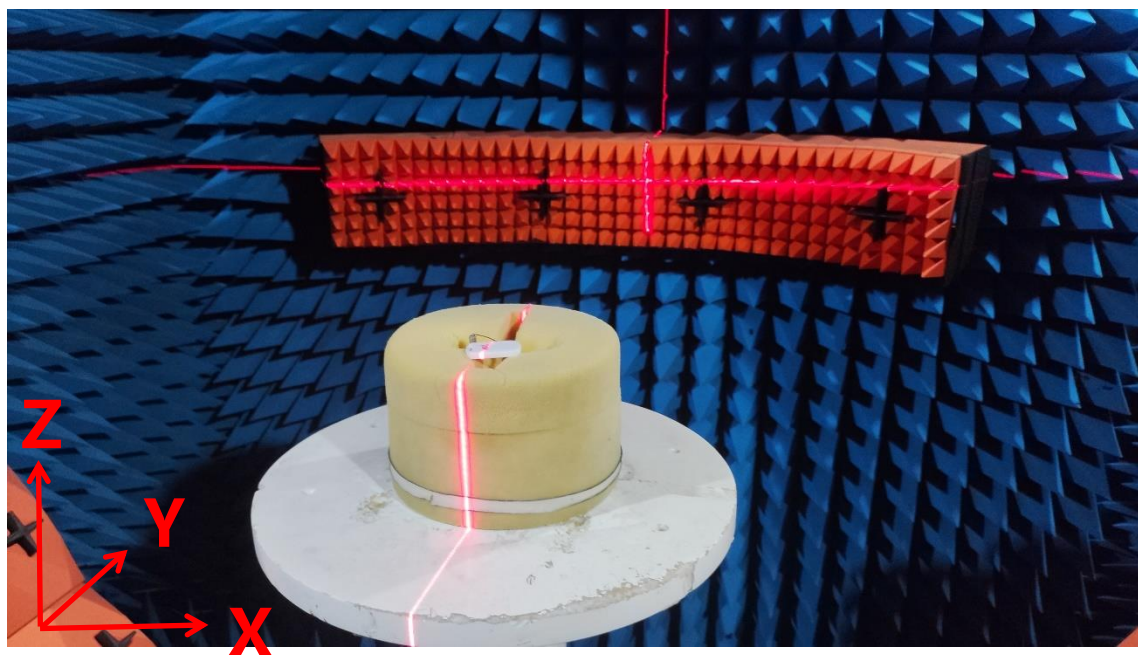




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-3.82	41.5	-1.22
2410	-3.7	42.66	-1.53
2420	-4.02	39.63	-1.05
2430	-3.58	43.85	-1.29
2440	-3.78	41.88	-0.9
2450	-3.69	42.76	-1.04
2460	-4.1	38.9	-0.5
2470	-3.79	41.78	0.06
2480	-3.79	41.78	-0.36
2490	-3.79	41.78	0.71
2500	-3.93	40.46	-0.61

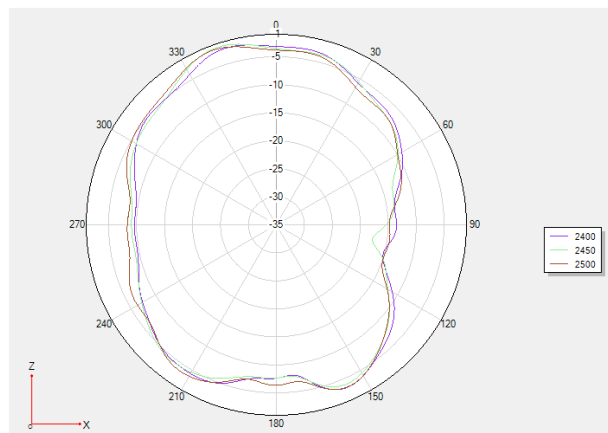


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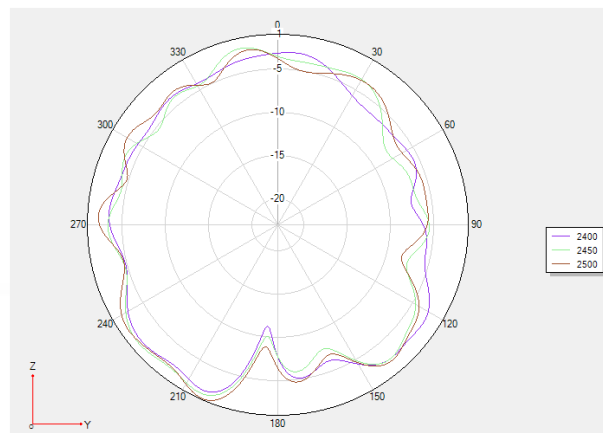
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2D-Etotal (2400/2450/2500/5150/5500/5850Mhz)

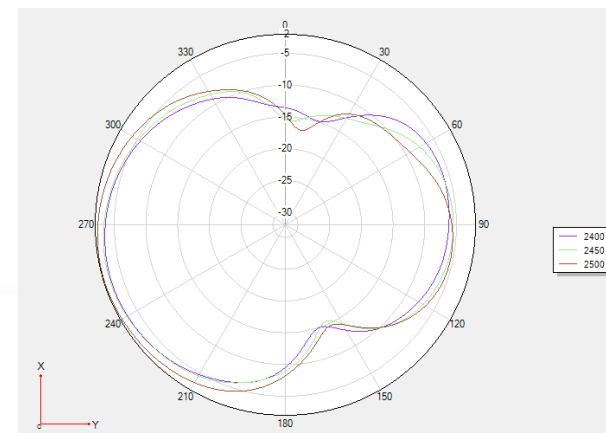
Phi 0 2D



Phi 90 2D



Theta 90 2D

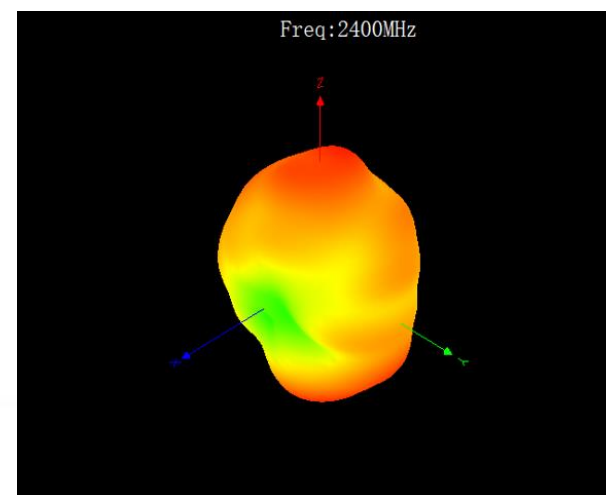
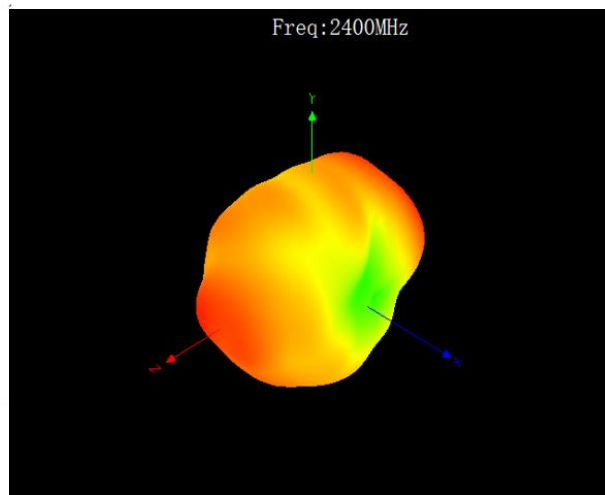
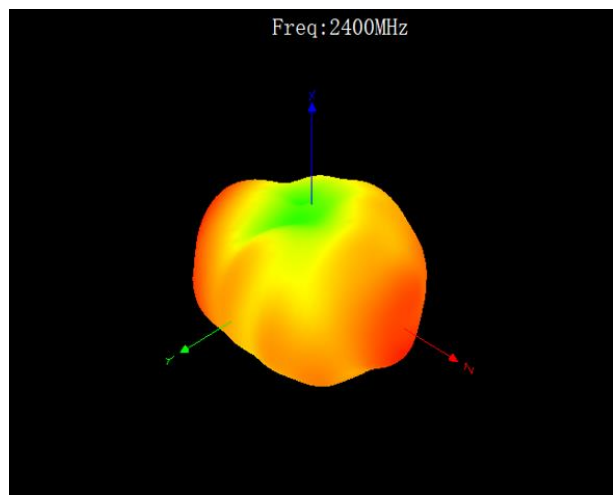




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3D-Etotal (2400Mhz)

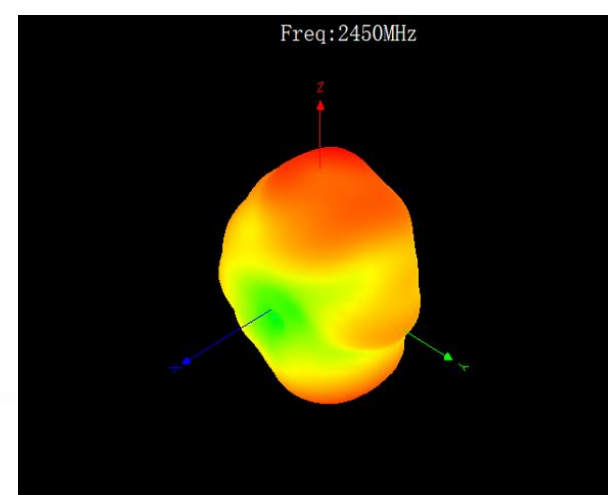
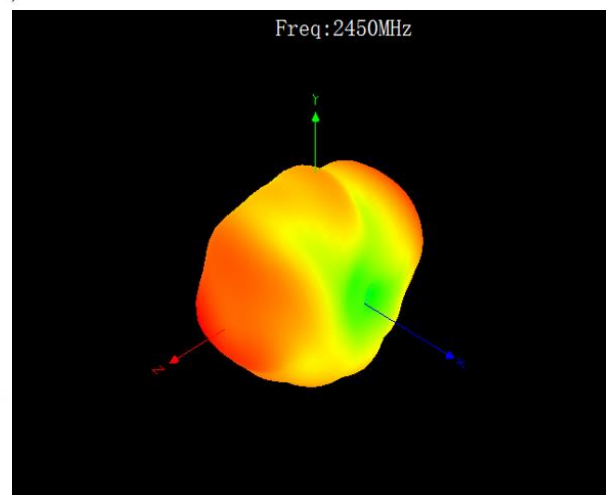
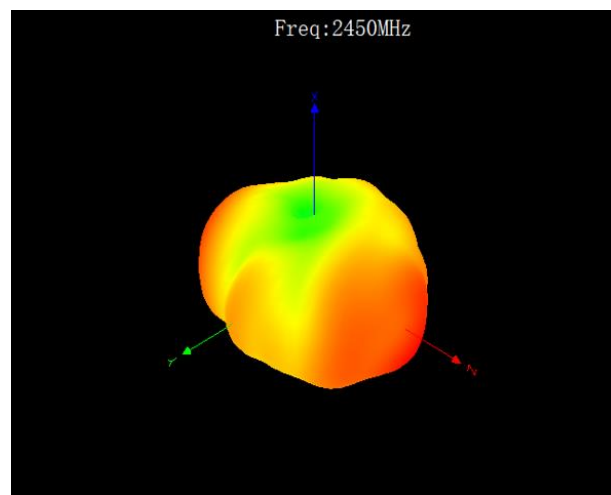




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3D-Etotal (2450Mhz)

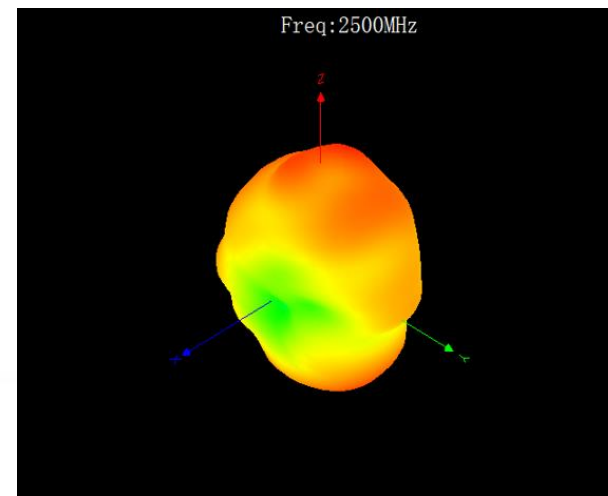
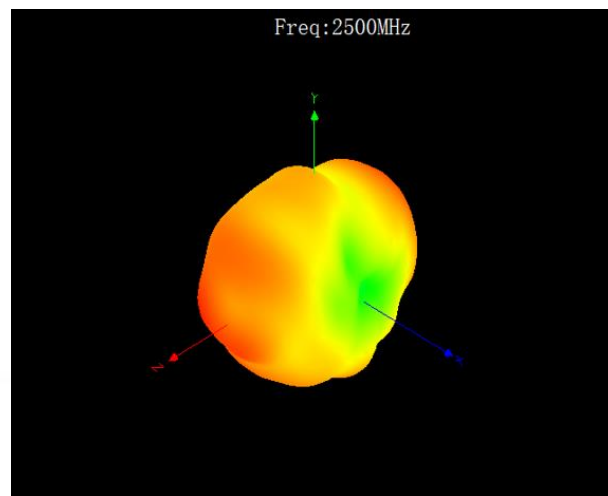
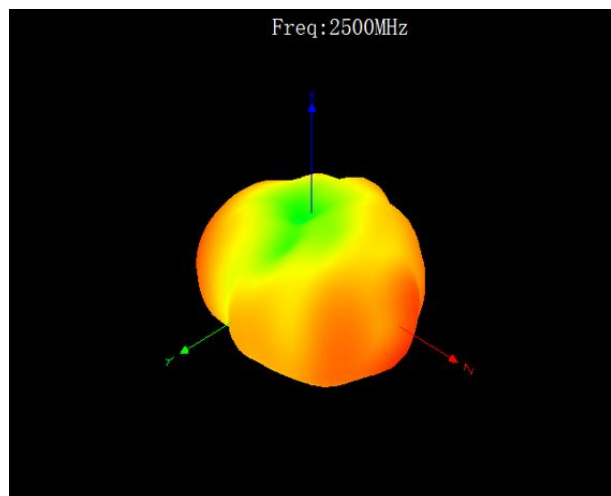




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3D-Etotal (2500Mhz)





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合作共赢



THANK YOU!