



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:L03**

**Tester : Hu Lin**  
**Approval : Liu Feng**  
**Date : 2024 / 12/ 06**



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## 1. Device Profile

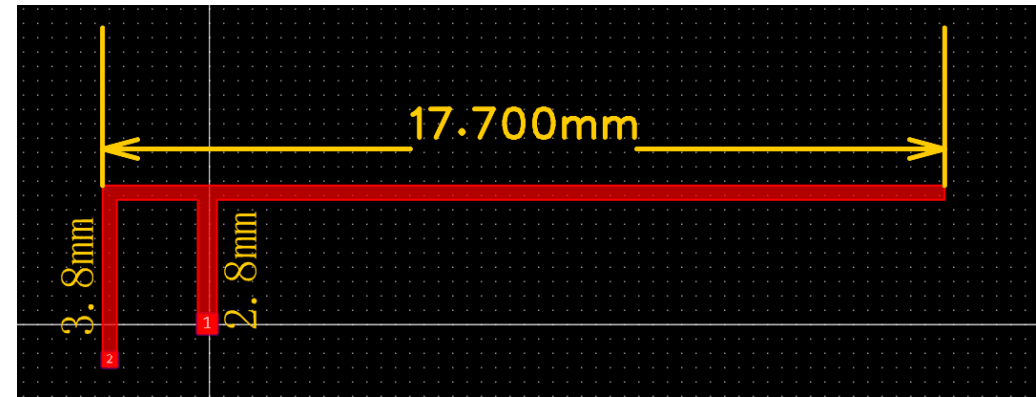
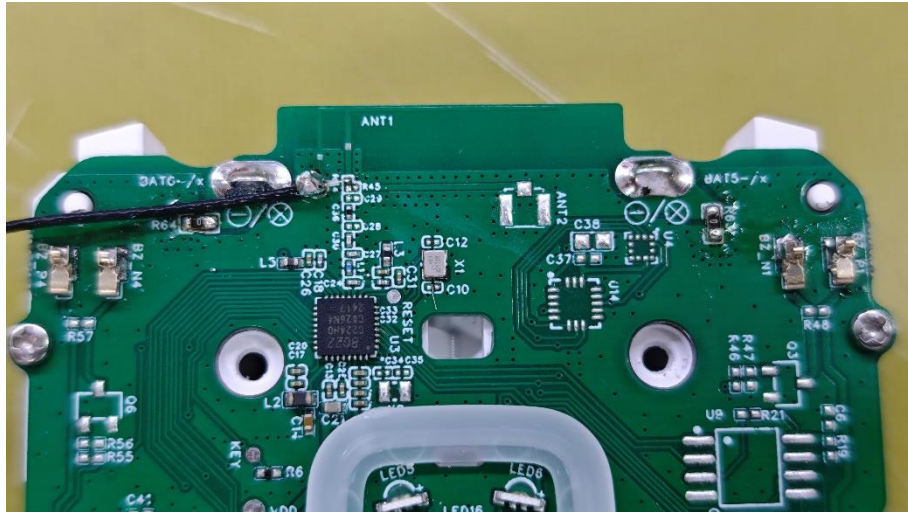
## 2. BT Test-板载-2#



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## 1. Device Profile



BT Antenna-2#

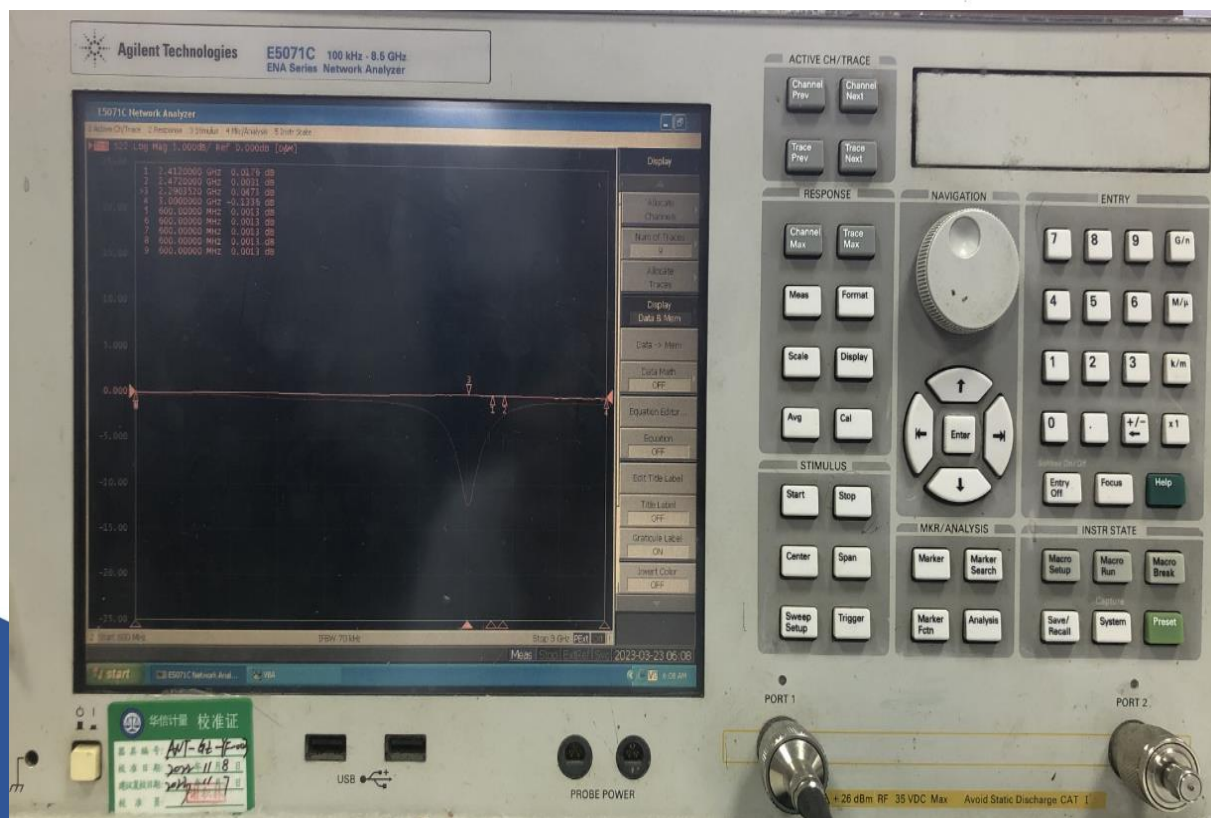


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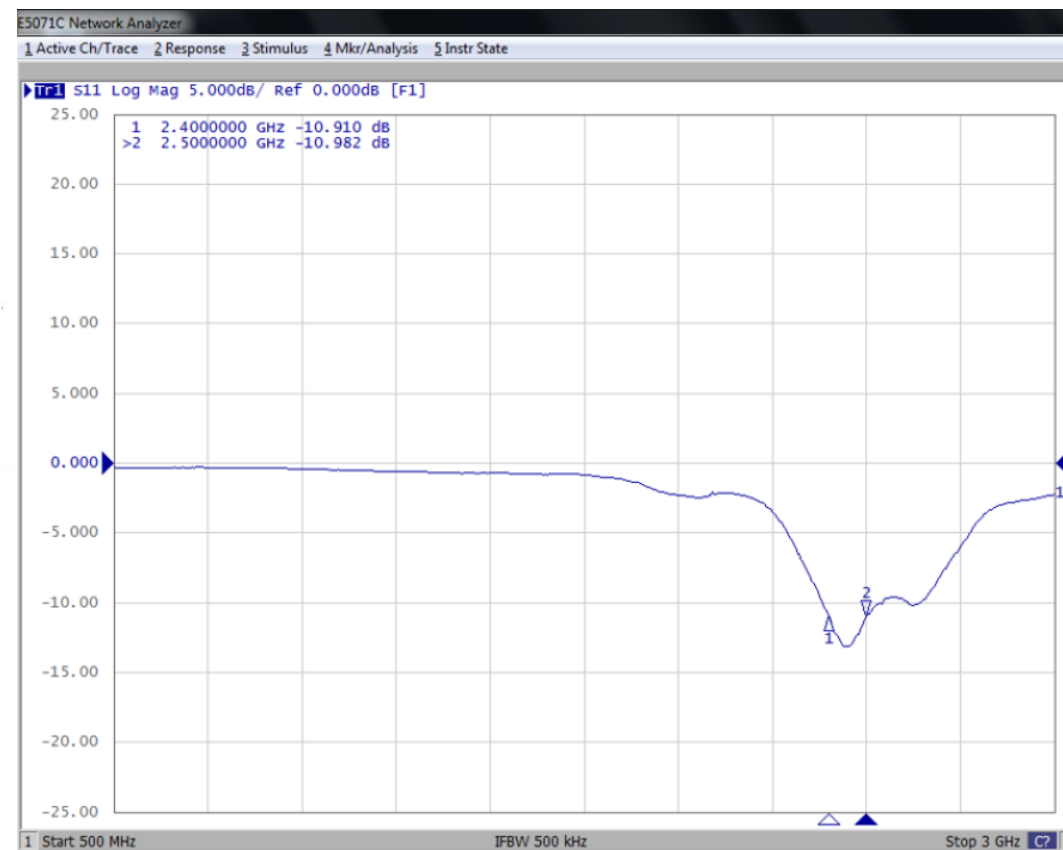
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## 2. BT Test-板载-2#

Agilent E5071C



S-Parameter Test



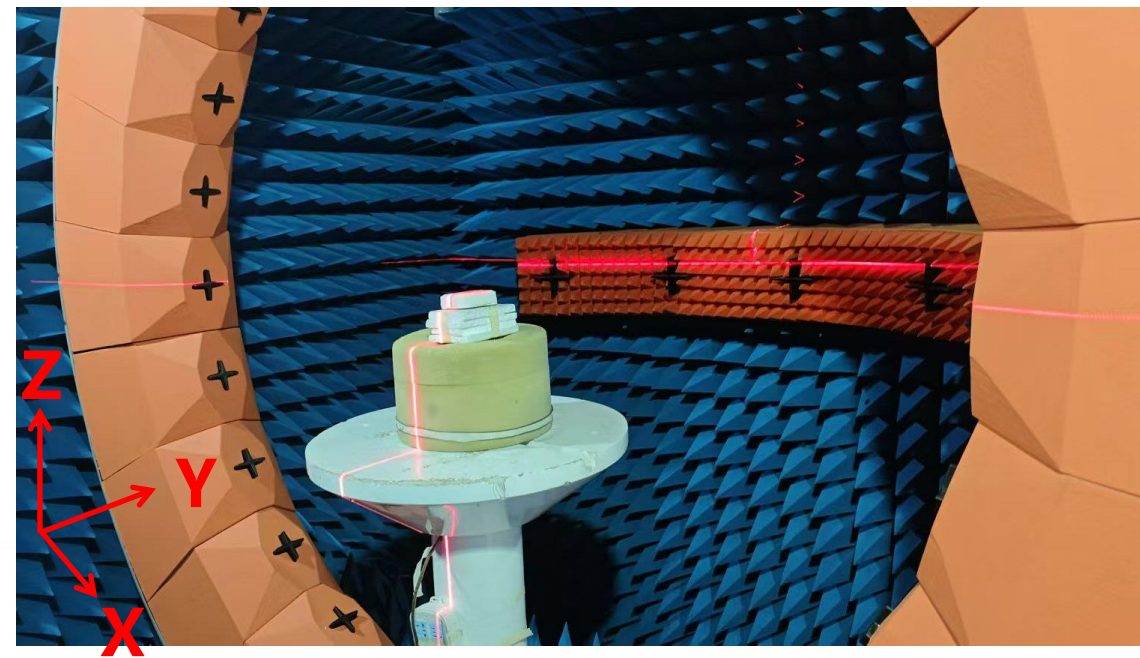
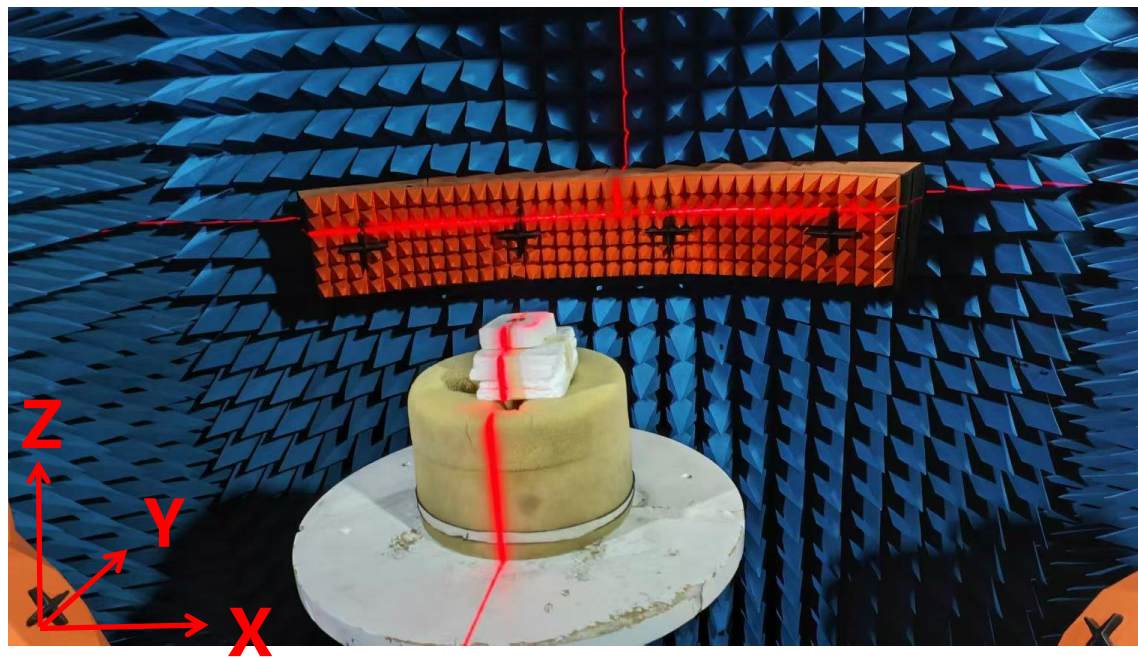




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## Antenna Passive Test





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| Passive Test  |               |              |             |
|---------------|---------------|--------------|-------------|
| Frequency/Mhz | Efficiency/dB | Efficiency/% | MaxGain/dBi |
| 2400          | -5.19         | 30.27        | -0.28       |
| 2410          | -5.42         | 28.71        | -0.88       |
| 2420          | -5.53         | 27.99        | -0.29       |
| 2430          | -5.36         | 29.11        | -1.15       |
| 2440          | -5.6          | 27.54        | -1.15       |
| 2450          | -5.43         | 28.64        | -1.26       |
| 2460          | -5.43         | 28.64        | -0.95       |
| 2470          | -5.63         | 27.35        | -0.77       |
| 2480          | -5.6          | 27.54        | -1.12       |
| 2490          | -5.29         | 29.58        | -0.33       |
| 2500          | -5.68         | 27.04        | -1.36       |

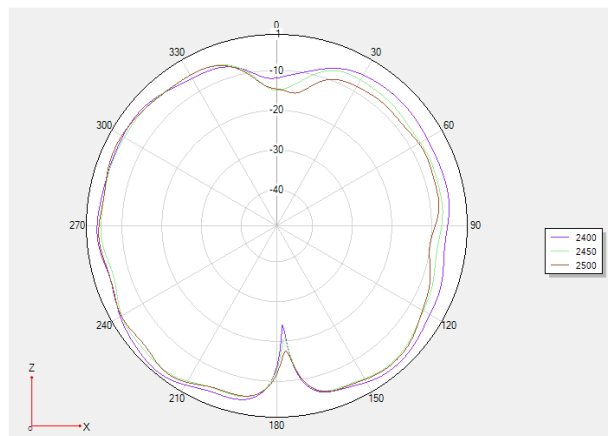


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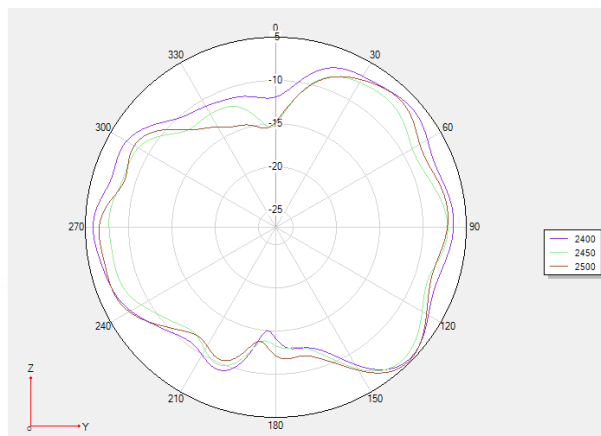
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## 2D-Etotal (2400/2450/2500Mhz)

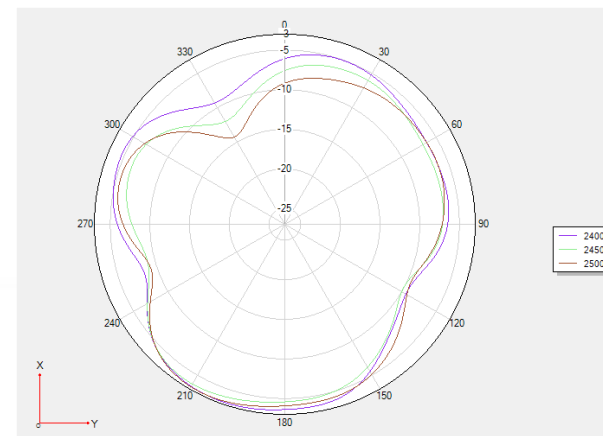
Phi 0 2D



Phi 90 2D



Theta 90 2D

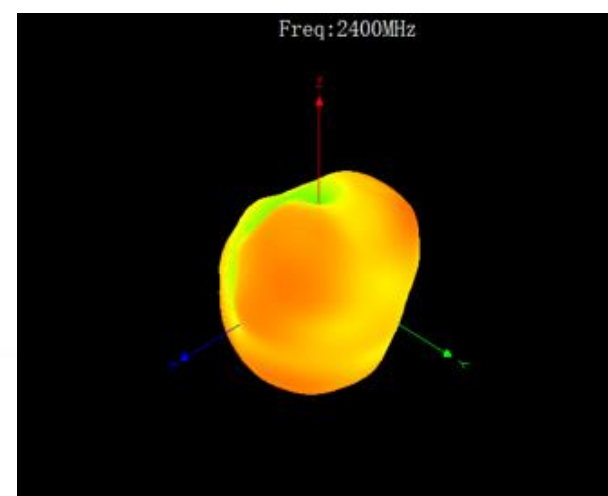
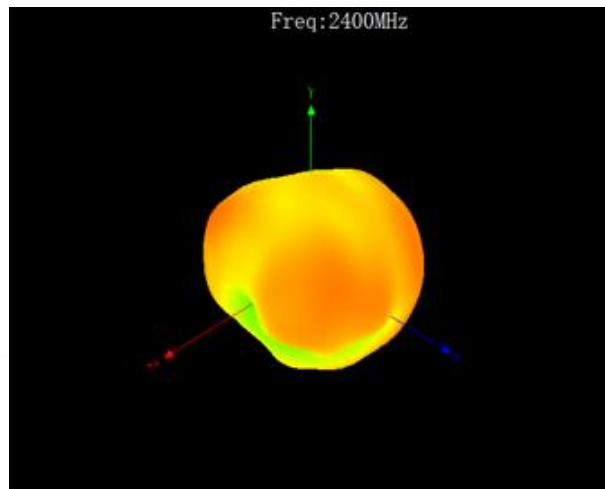
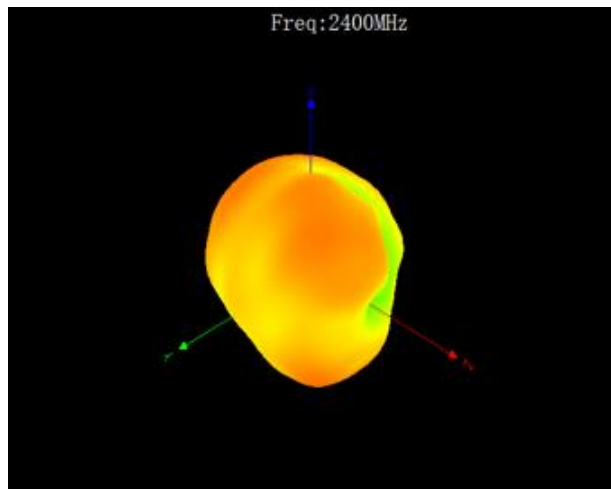




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## 3D-Etotal (2400Mhz)



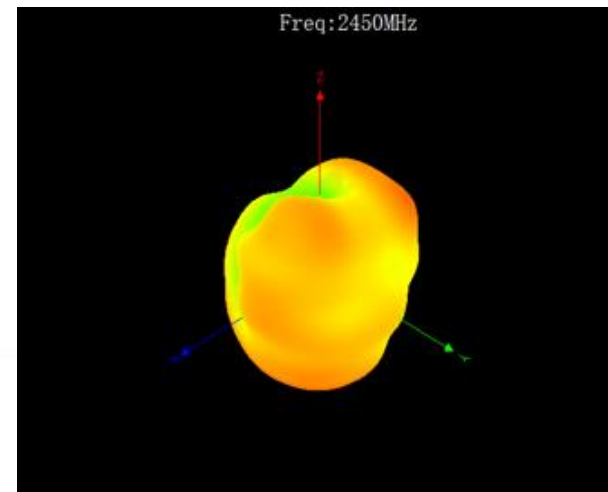
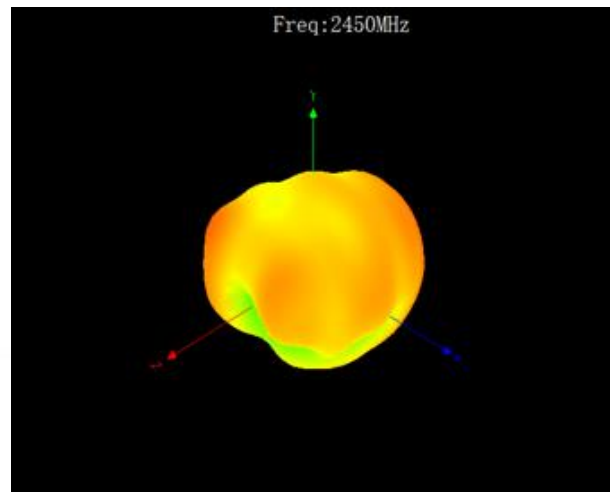
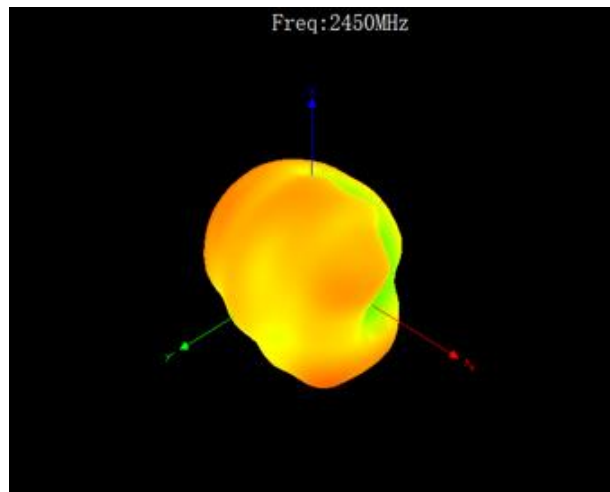




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## 3D-Etotal (2450Mhz)

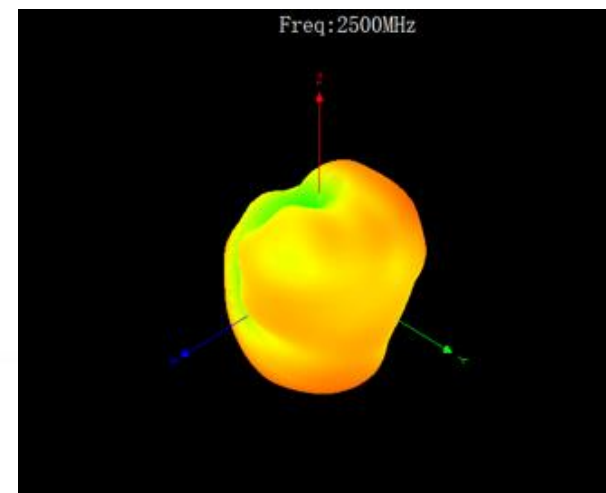
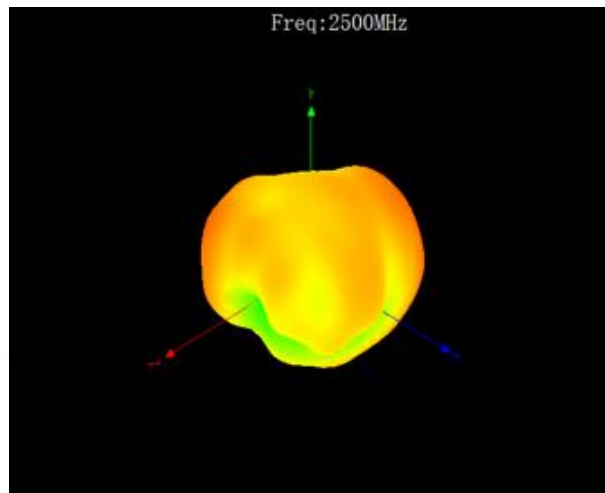
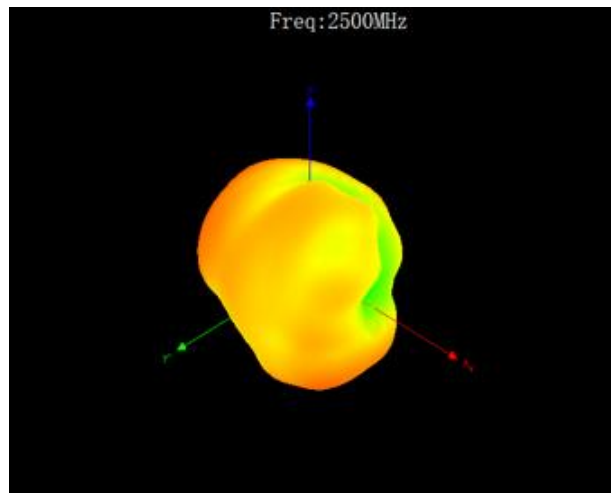




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## 3D-Etotal (2500Mhz)





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**THANK YOU!**