



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:MK17A**

**Tester : Hu Lin**  
**Date : 2025 / 04/ 27**

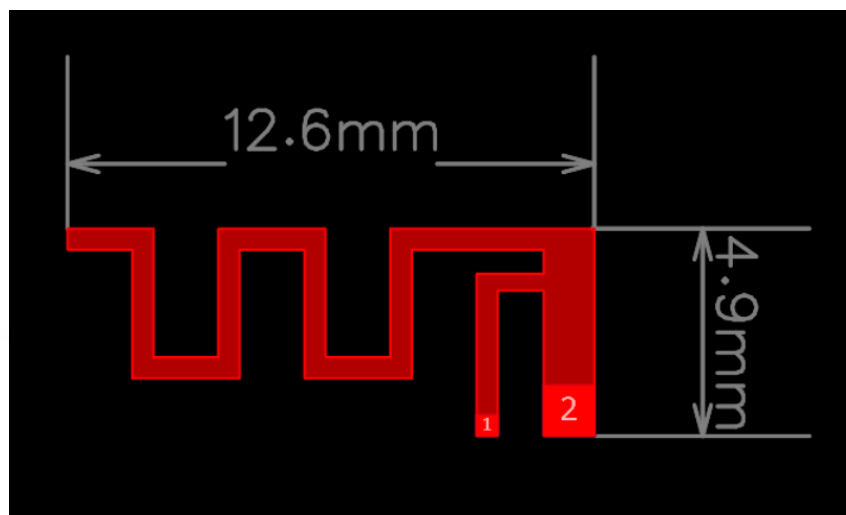


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## 1. Device Profile

## 2. BT Test



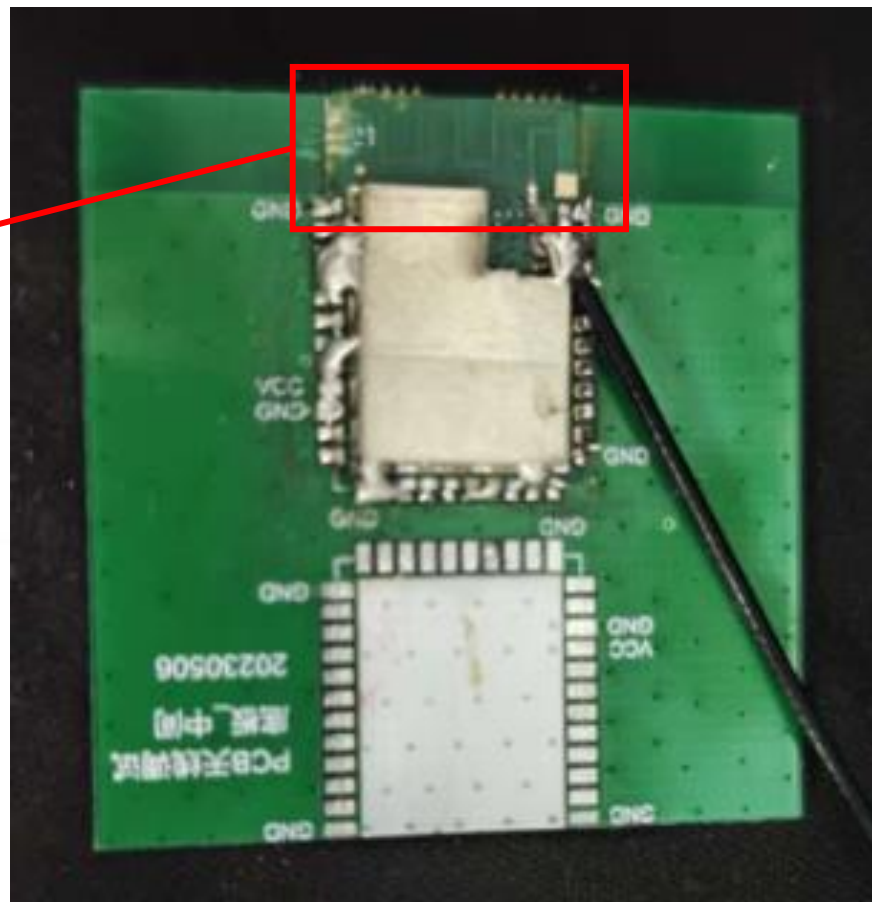


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## 1. Device Profile

**BT Antenna**



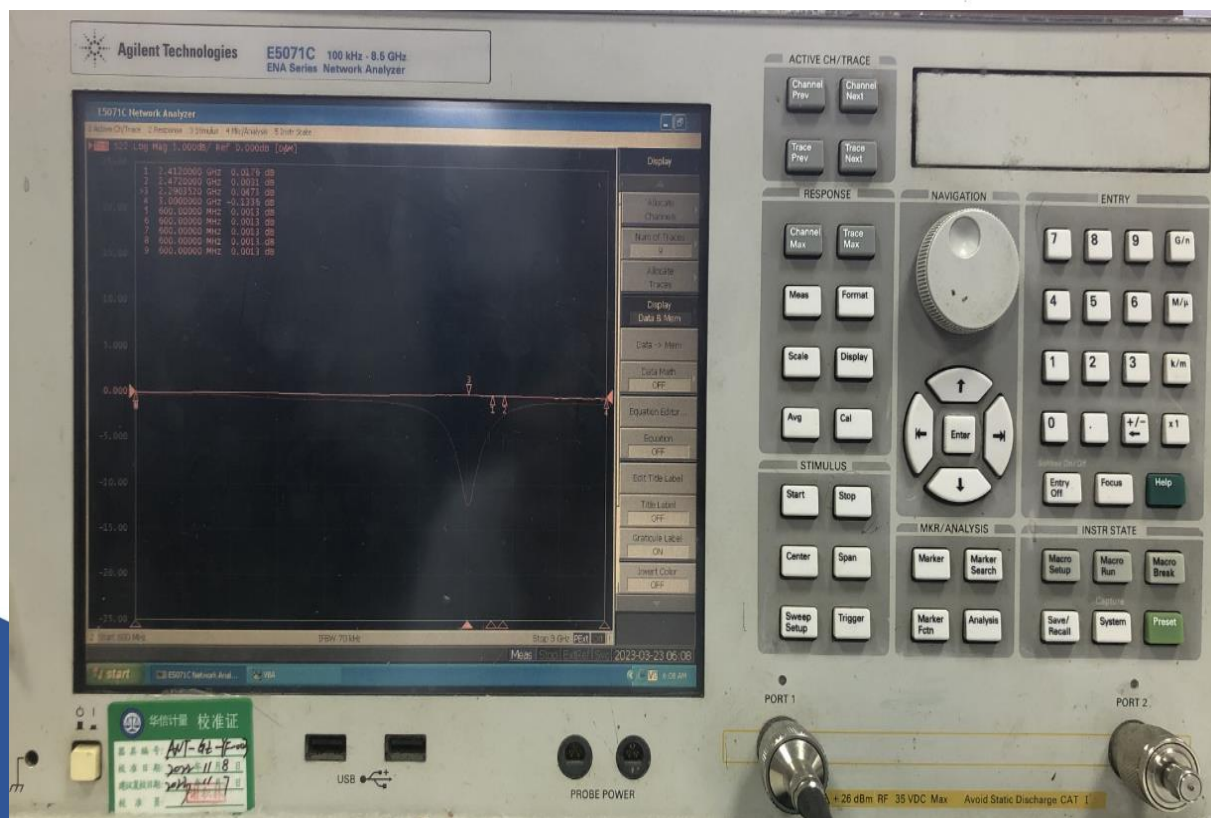


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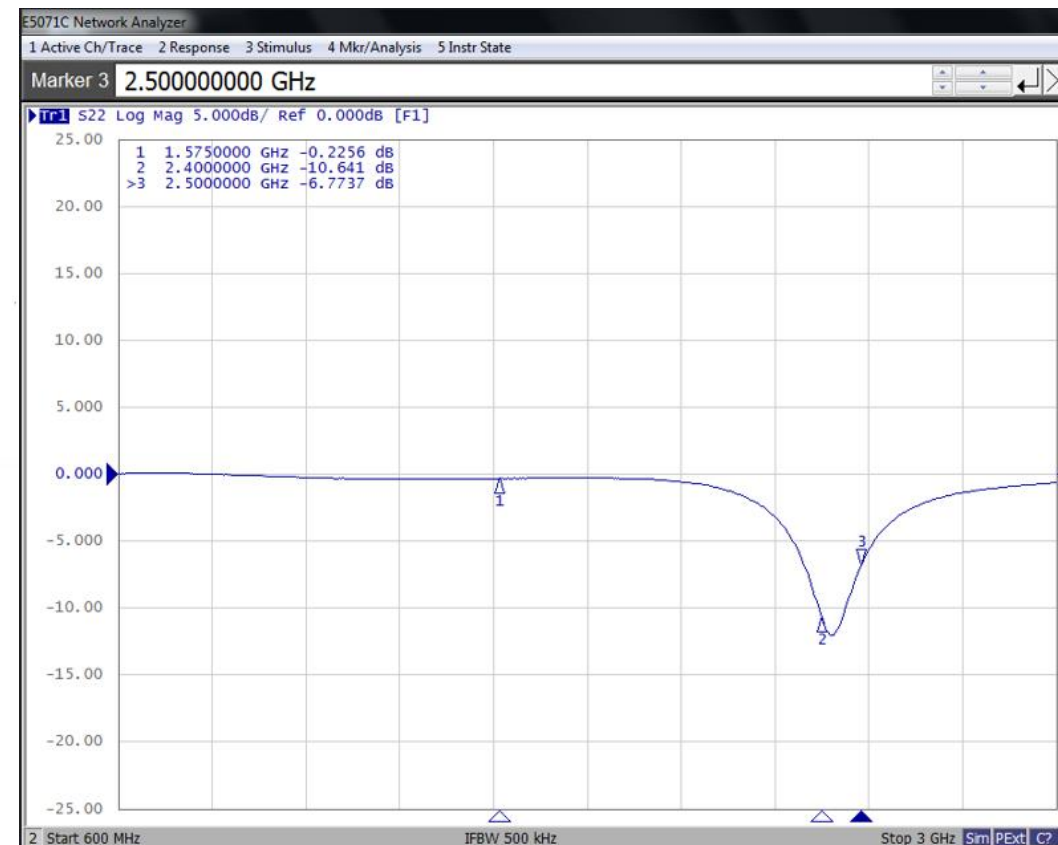
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## 2. BT Test

Agilent E5071C



S-Parameter Test



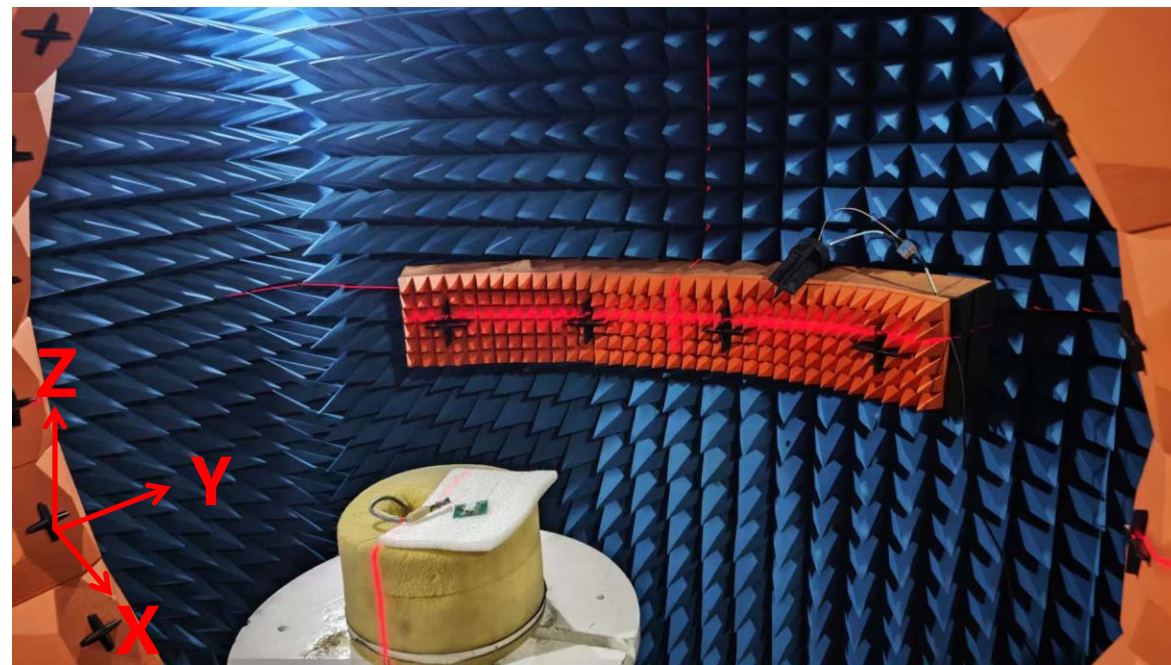
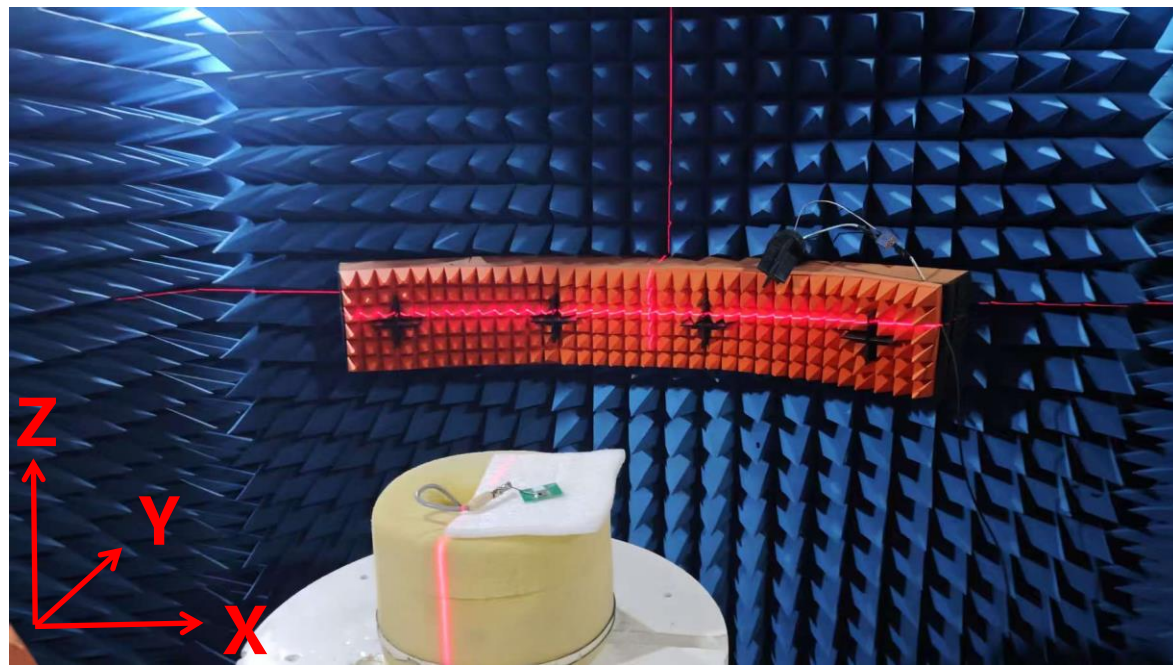




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## Antenna Passive Test





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| Passive Test  |               |              |             |
|---------------|---------------|--------------|-------------|
| Frequency/Mhz | Efficiency/dB | Efficiency/% | MaxGain/dBi |
| 2400          | -3.41         | 45.6         | 5.03        |
| 2410          | -3.81         | 41.59        | 3.95        |
| 2420          | -3.38         | 45.92        | 4.88        |
| 2430          | -3.88         | 40.93        | 3.6         |
| 2440          | -3.52         | 44.46        | 4.35        |
| 2450          | -3.94         | 40.36        | 3.79        |
| 2460          | -3.76         | 42.07        | 4.14        |
| 2470          | -4.16         | 38.37        | 3.99        |
| 2480          | -4.25         | 37.58        | 3.82        |
| 2490          | -4.35         | 36.73        | 4.28        |
| 2500          | -4.78         | 33.27        | 3.36        |

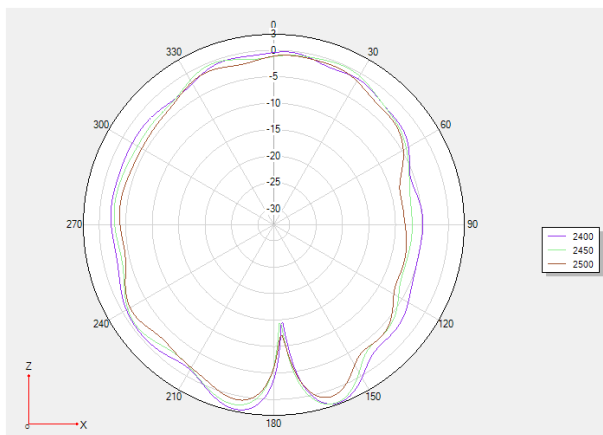


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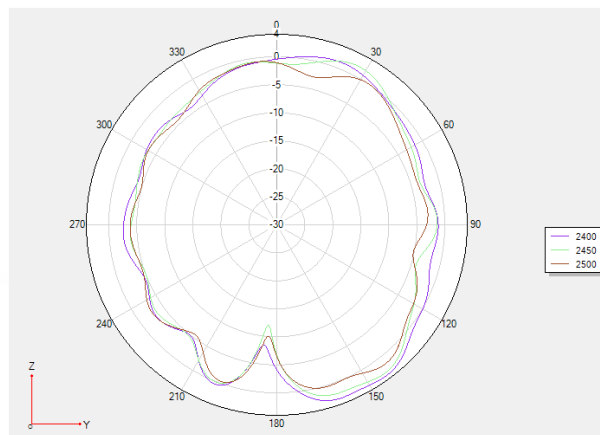
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## 2D-Etotal (2400/2450/2500Mhz)

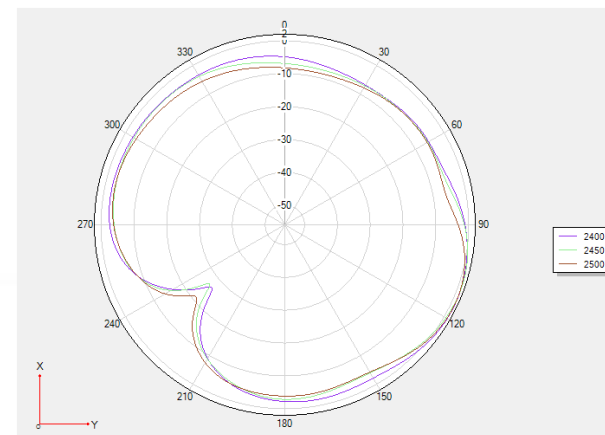
Phi 0 2D



Phi 90 2D



Theta 90 2D

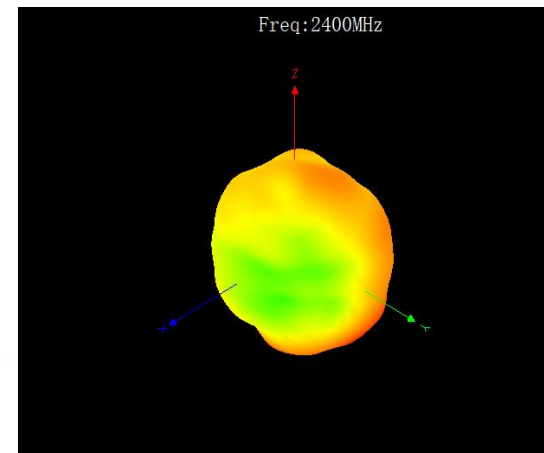
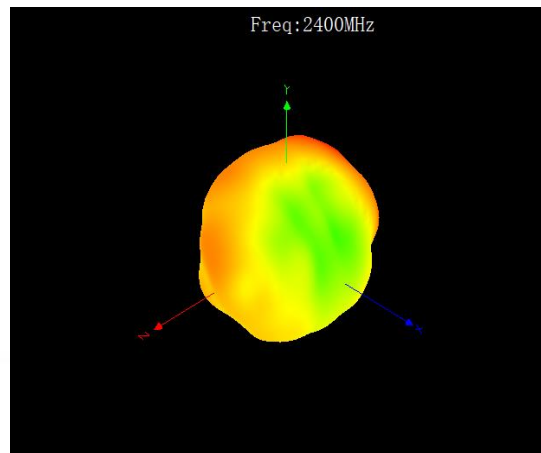
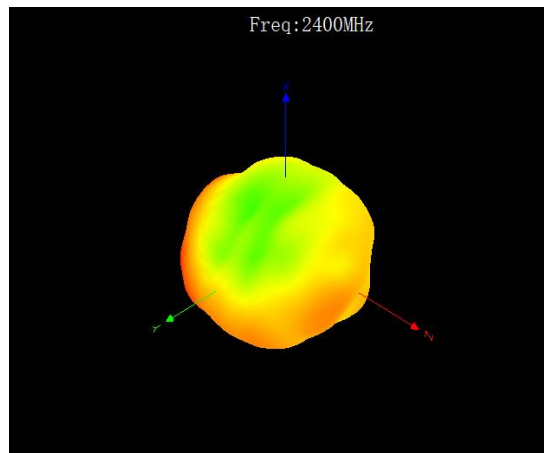




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## 3D-Etotal (2400Mhz)



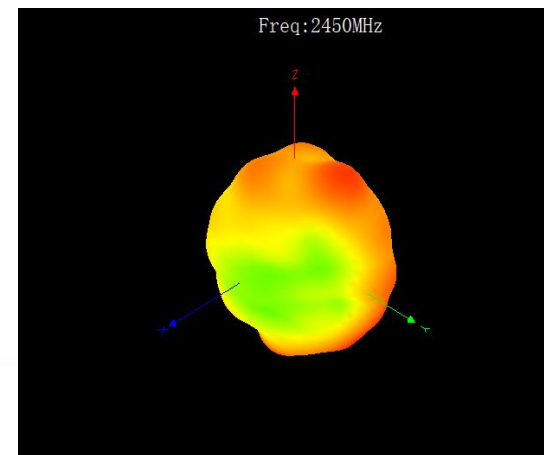
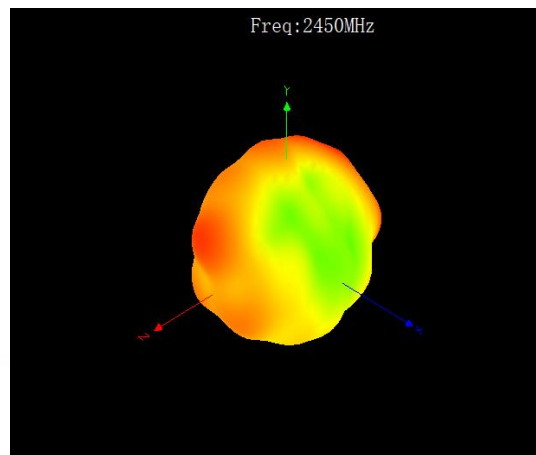
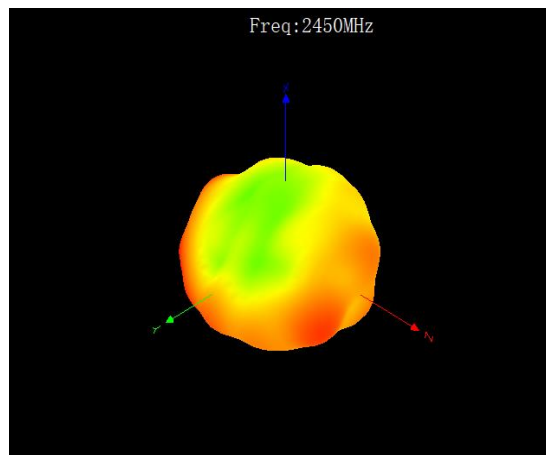




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## 3D-Etotal (2450Mhz)

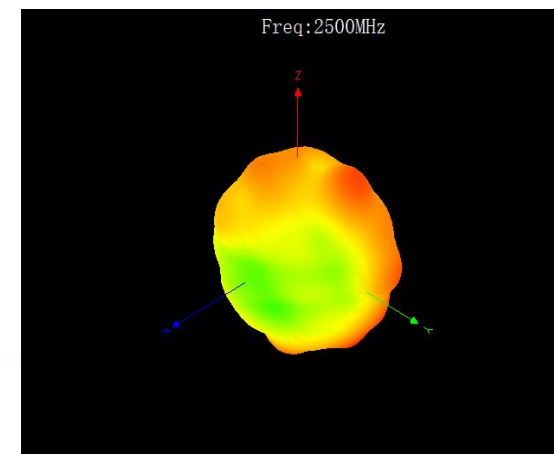
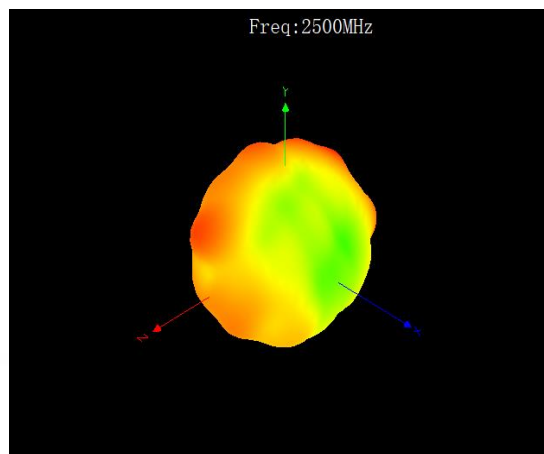
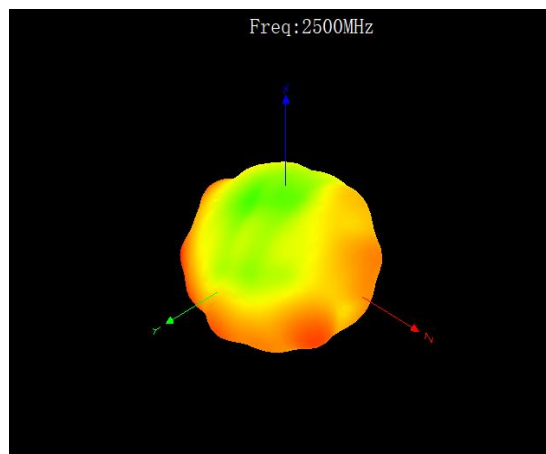




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## 3D-Etotal (2500Mhz)





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**THANK YOU!**