



**东莞市一佳电子通讯科技有限公司**

# Antenna Test Report

## ***Contents:***

- 1. Antenna Profile***
- 2. Antenna Performance Test***
- 3. Antenna Active Test***
- 4. Assembly Picture***

---

Tester : Zheng Haonan

Approval : Chen Guoqiang

Date : 2024 / 02 / 22

**真诚 务实 开拓 创新**



# 1. Antenna Profile

*Device*



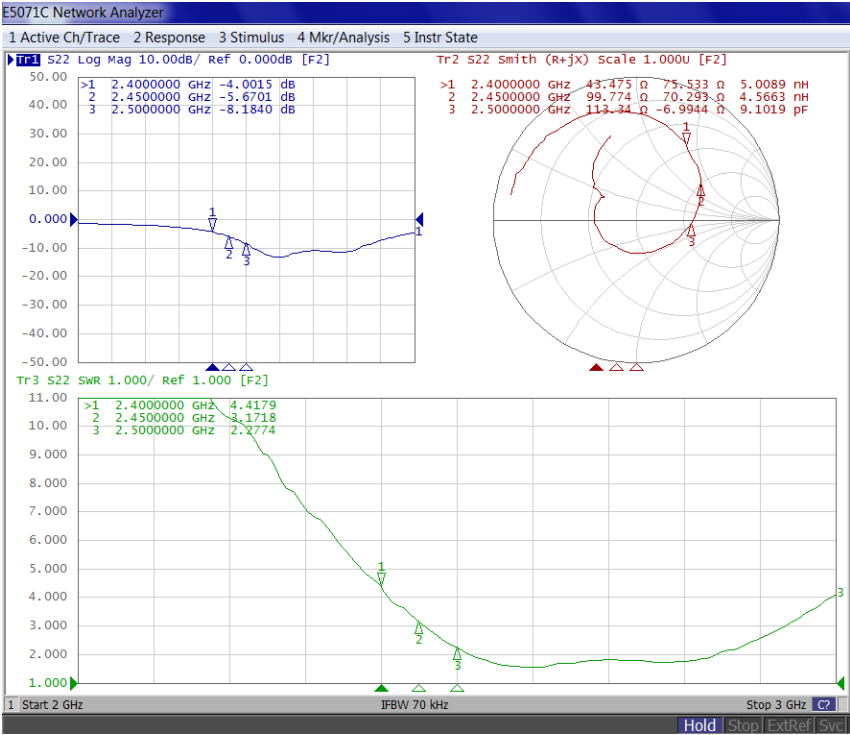
*BT  
Antenna*





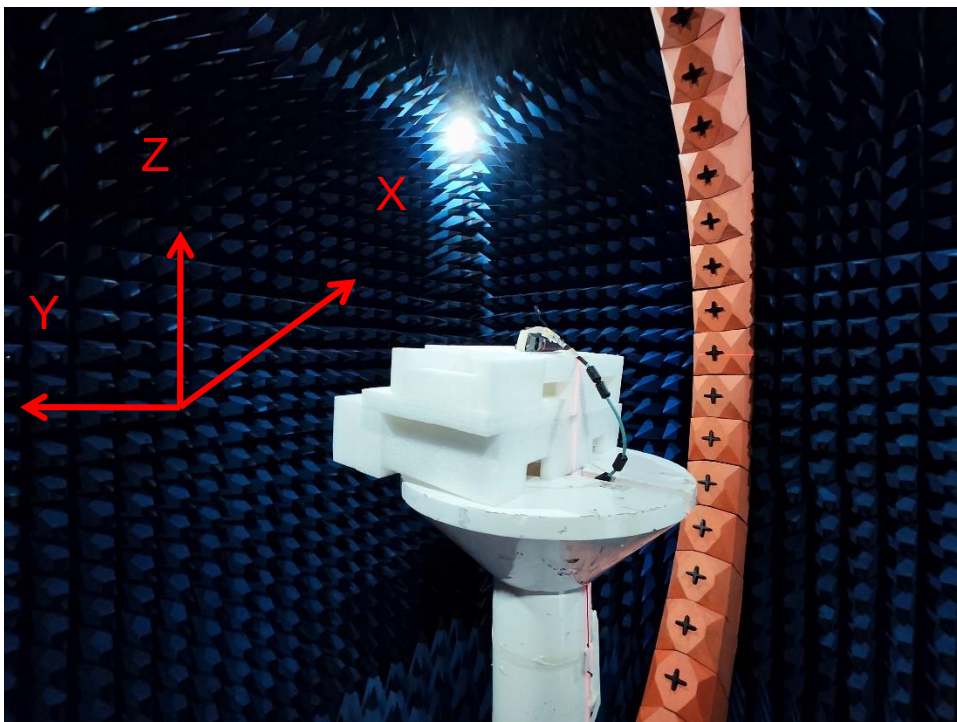
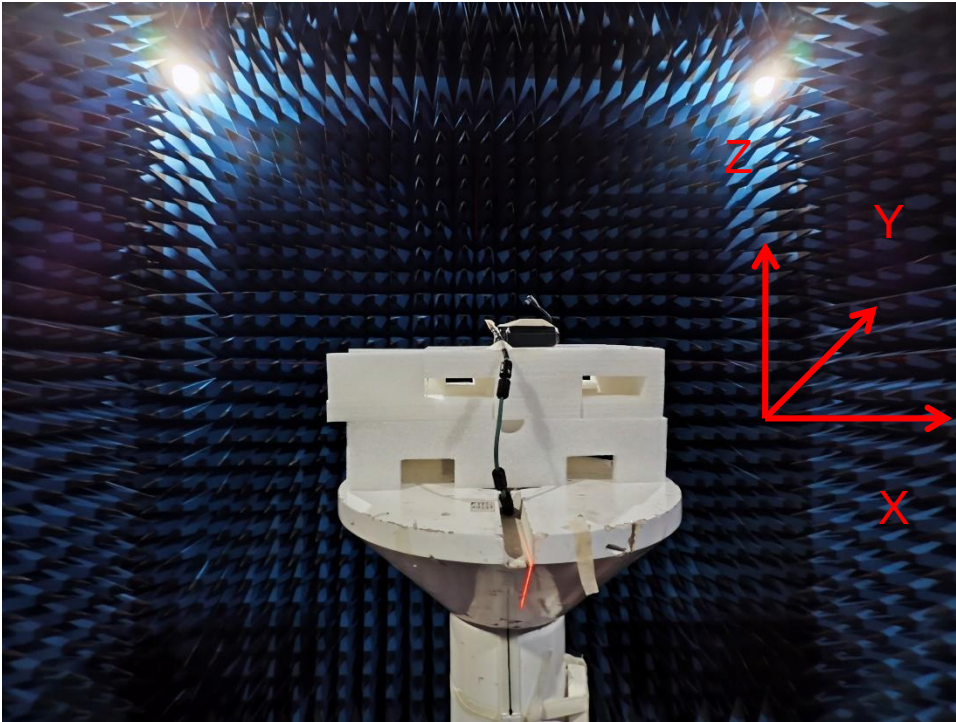
## 2. Antenna Performance Test

Agilent  
E5071C  
S  
Parameter  
Test //  
BT  
Antenna





### 3. Antenna Active Test



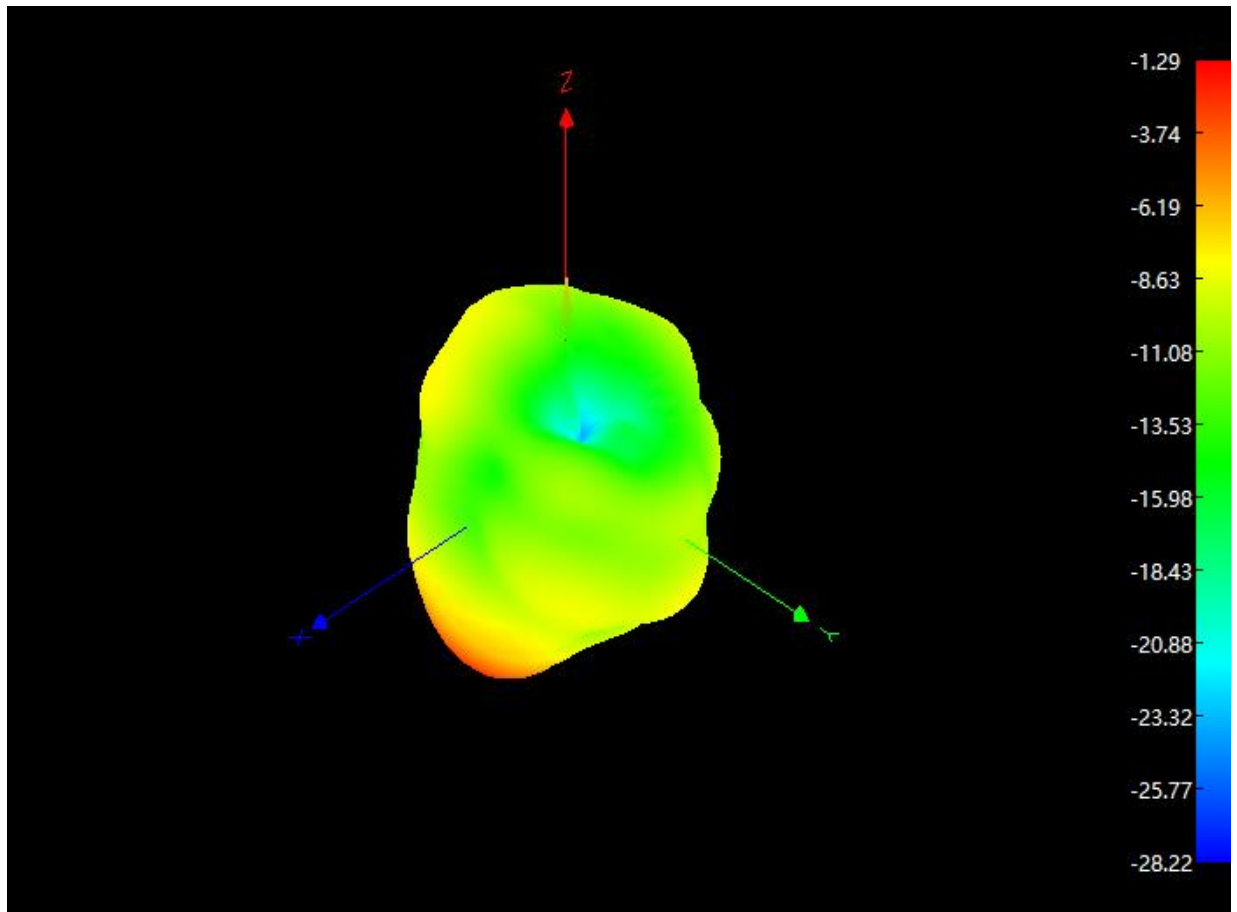


## Passive Test For BT Antenna

| Freq<br>(MHz) | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) |
|---------------|-------------|--------------|---------------|
| 2400          | 5.9         | -12.3        | -2.7          |
| 2410          | 6.5         | -11.9        | -2.4          |
| 2420          | 7.0         | -11.6        | -2.2          |
| 2430          | 7.1         | -11.5        | -2.1          |
| 2440          | 7.3         | -11.4        | -2.0          |
| 2450          | 8.5         | -10.7        | -1.3          |
| 2460          | 8.4         | -10.8        | -1.3          |
| 2470          | 9.1         | -10.4        | -0.8          |
| 2480          | 9.2         | -10.4        | -1.0          |
| 2490          | 10.1        | -10.0        | -0.5          |
| 2500          | 10.0        | -10.0        | -0.7          |



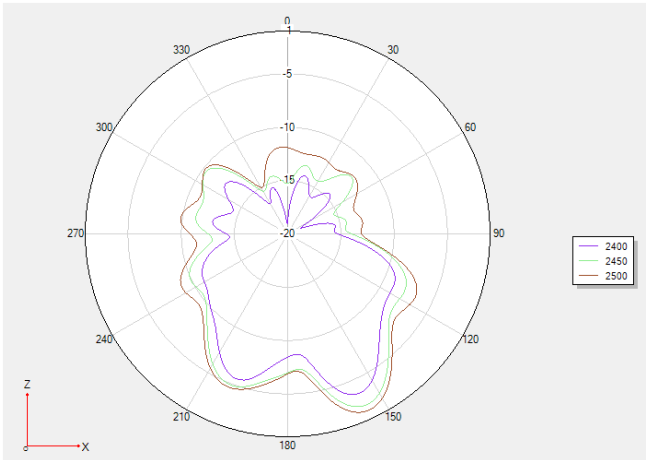
## Radiation Pattern For BT Antenna(2450MHz)



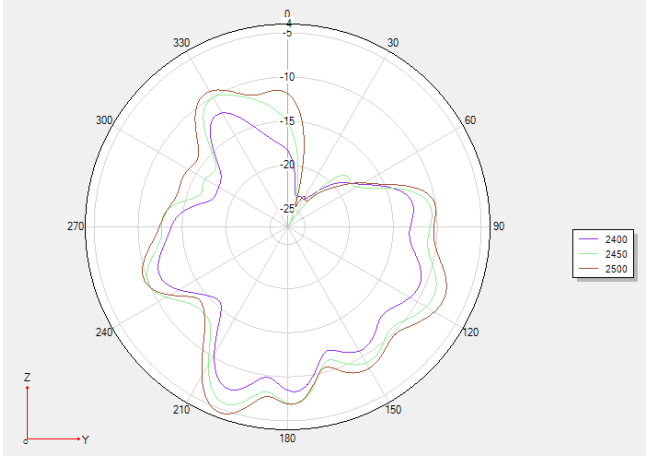


# Radiation Pattern For BT Antenna

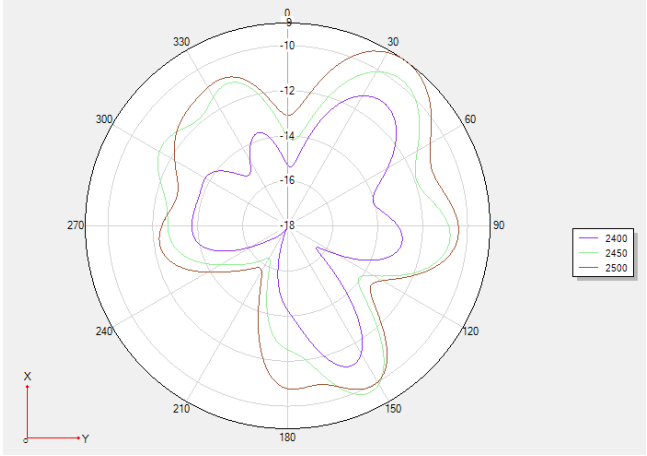
Phi 0°



Phi 90°



Theta 90°





## 4. Assembly Picture

BT Antenna

