



**东莞市一佳电子通讯有限公司**

# *Antenna Test Report*

- 1. Device Profile and Test Environment***
- 2. Antenna Passive Test***
- 3. Antenna BT Test***
- 4. Assembly Drawing***

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***Approval : Chen Guoqiang***

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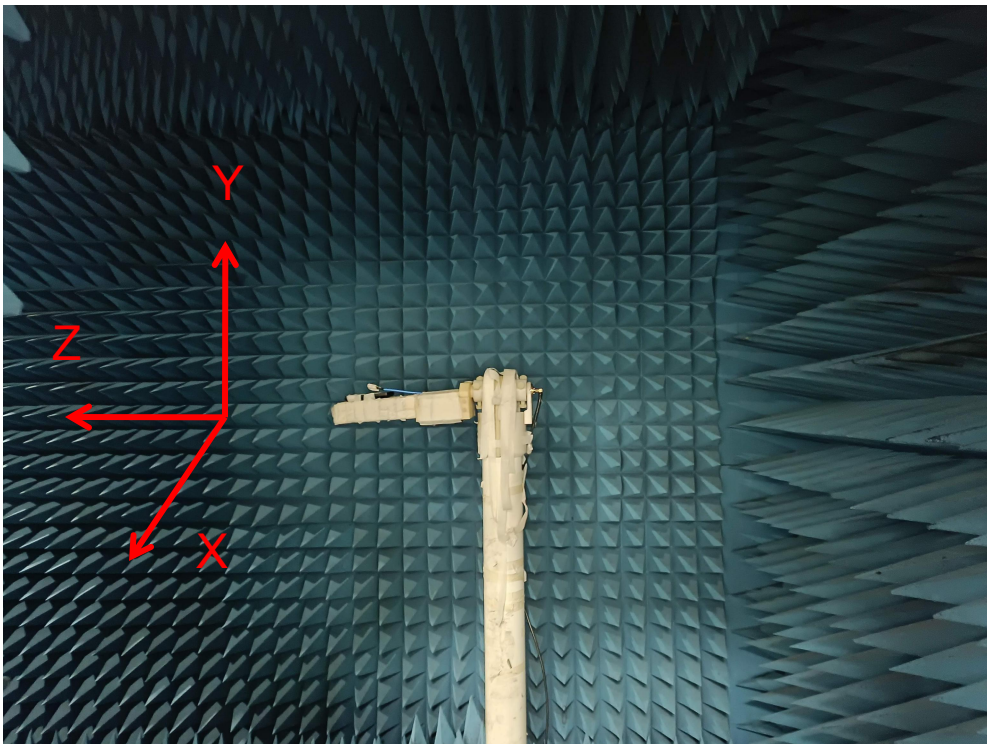
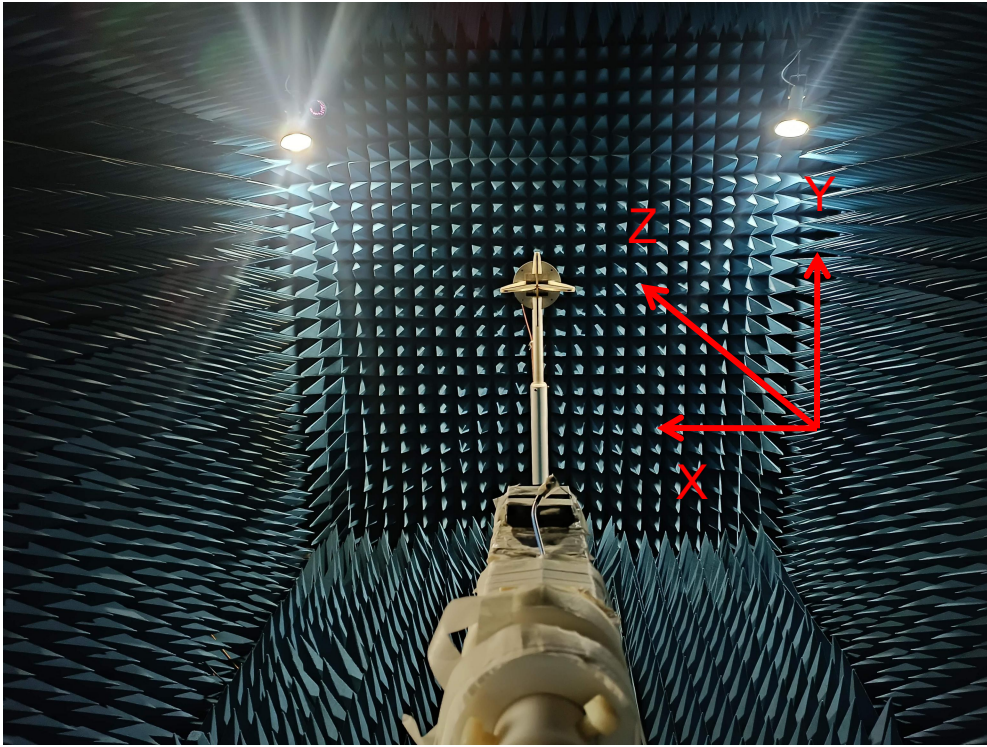
# *1. Device Profile and Test Environment*

*Device*





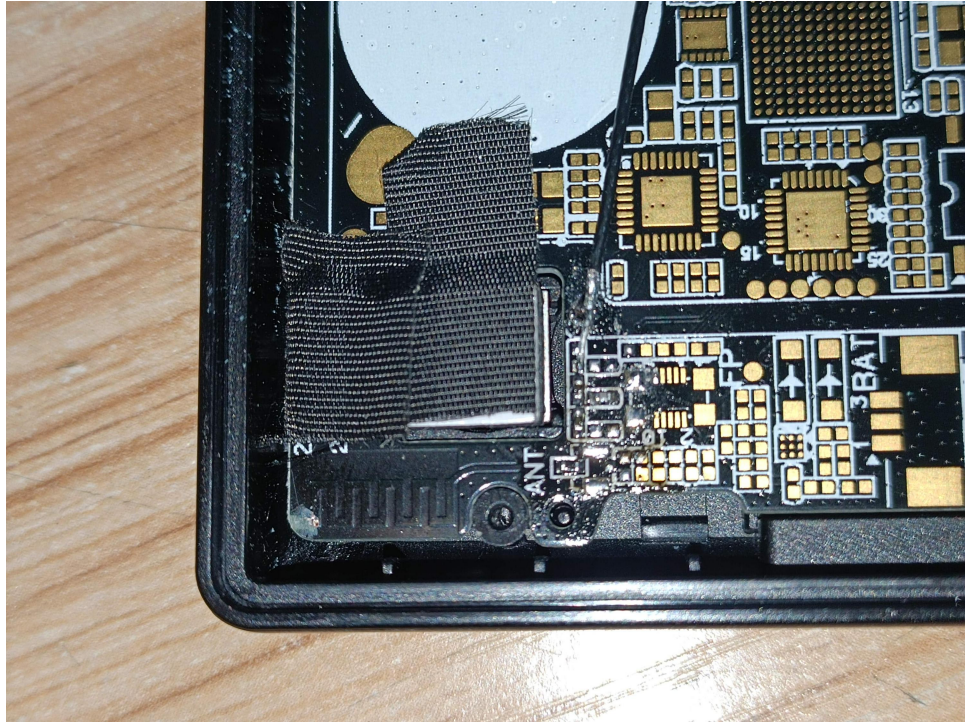
## *2. Antenna Passive Test*





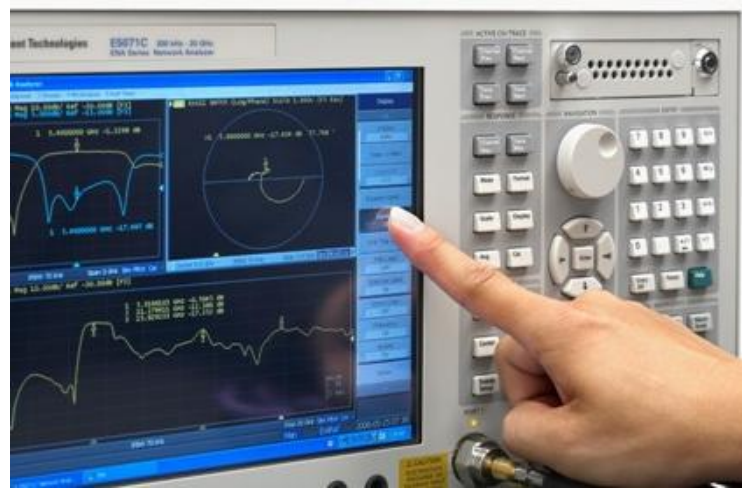
### *3. Antenna BT Test*

*Antenna  
BT*

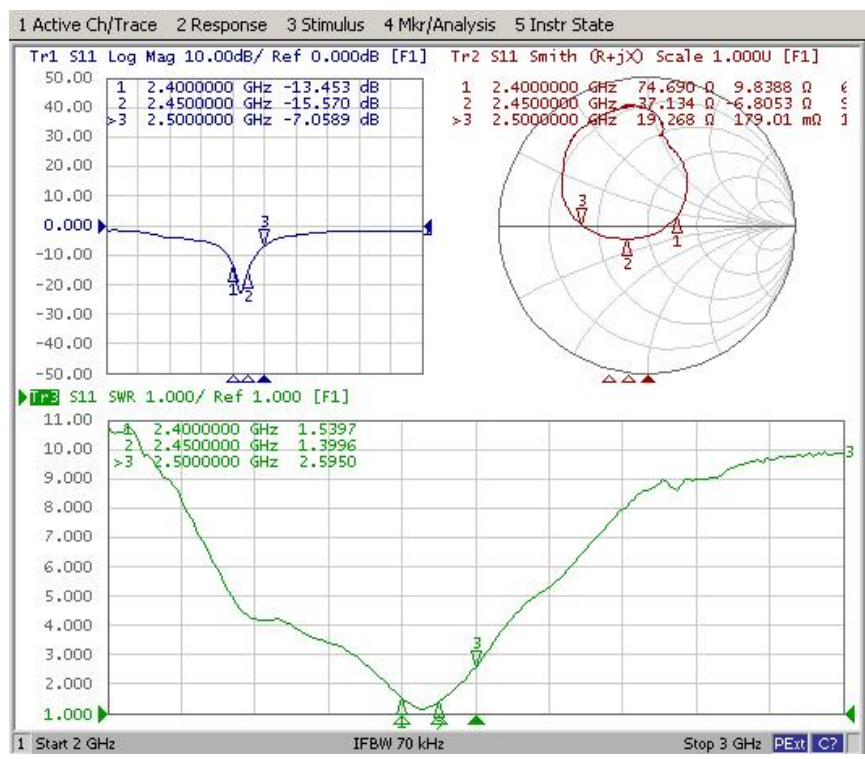




*Agilent  
E5071B*

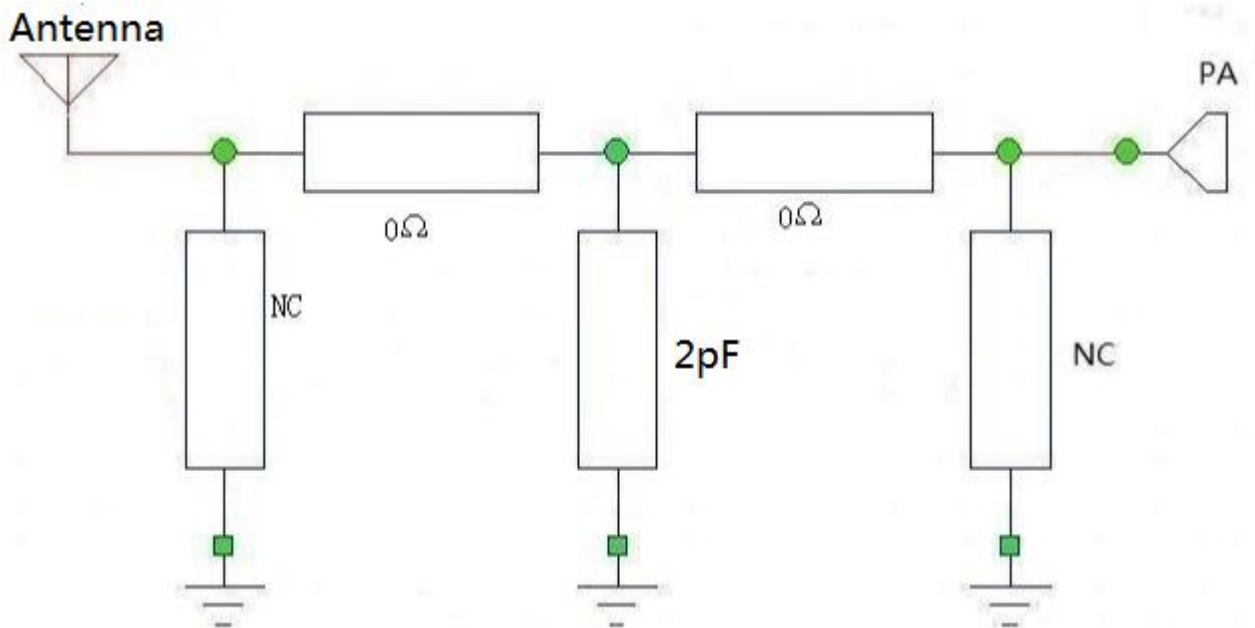


*S  
Parameter  
Test //  
BT  
Antenna*





## BT Antenna Matching Circuit



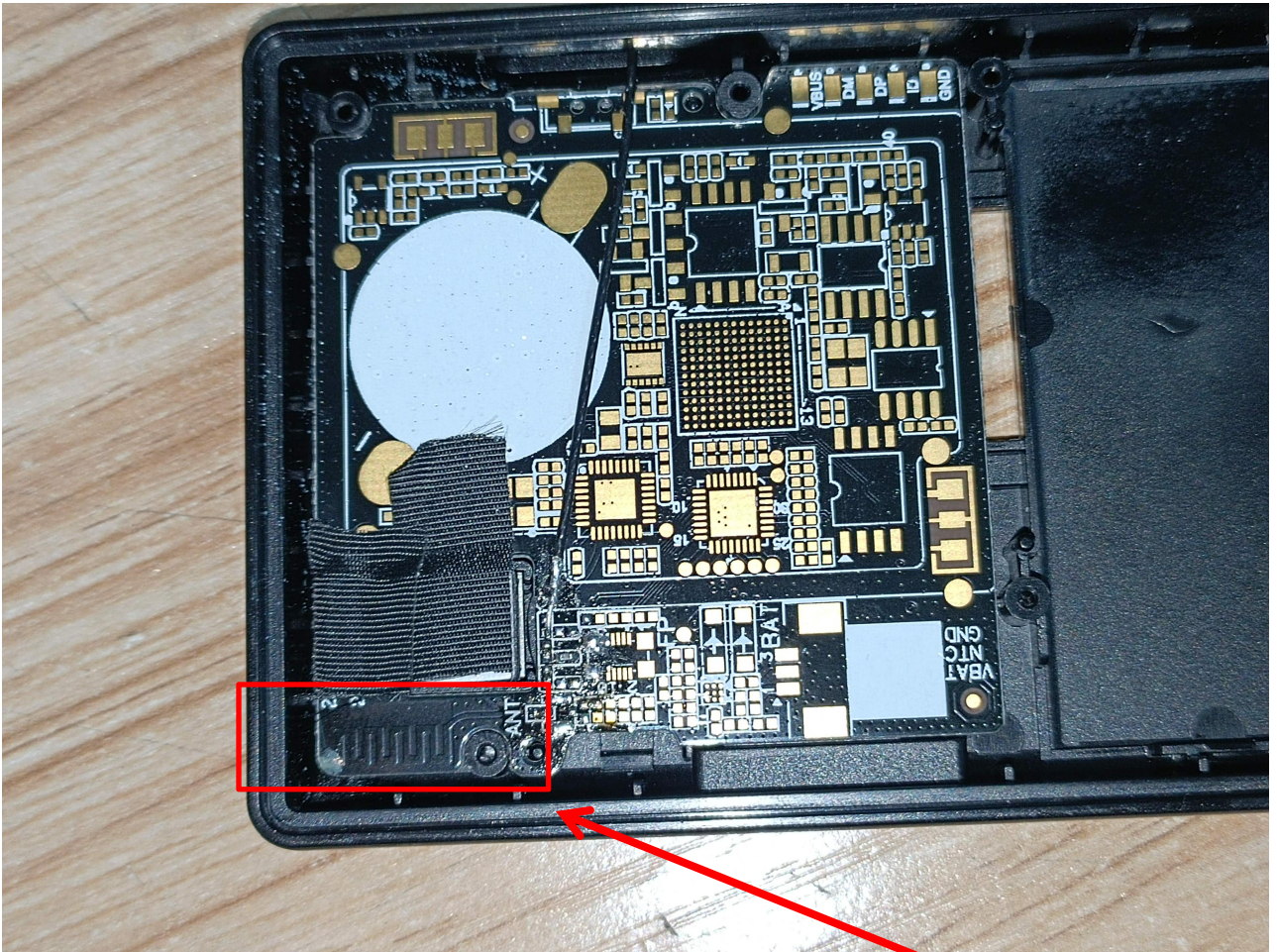


### Passive Test For BT Antenna

| Freq<br>(MHz) | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) |
|---------------|-------------|--------------|---------------|
| 2400          | 19.0        | -7.2         | 1.5           |
| 2410          | 19.2        | -7.2         | 1.5           |
| 2420          | 19.0        | -7.2         | 1.4           |
| 2430          | 18.0        | -7.5         | 1.2           |
| 2440          | 16.7        | -7.8         | 0.8           |
| 2450          | 16.7        | -7.8         | 0.7           |
| 2460          | 15.5        | -8.1         | 0.2           |
| 2470          | 14.9        | -8.3         | -0.2          |
| 2480          | 13.4        | -8.7         | -0.7          |
| 2490          | 12.5        | -9.0         | -1            |
| 2500          | 12.2        | -9.2         | -1.2          |



## 4. Assembly Picture



***BT Antenna***