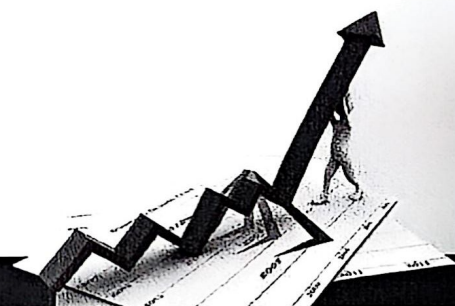


Shenzhen Yunding Communication  
Electronics Co.,Ltd.

## PH770T-BT-Antenna Test Report

YLCHE

2025-4-30

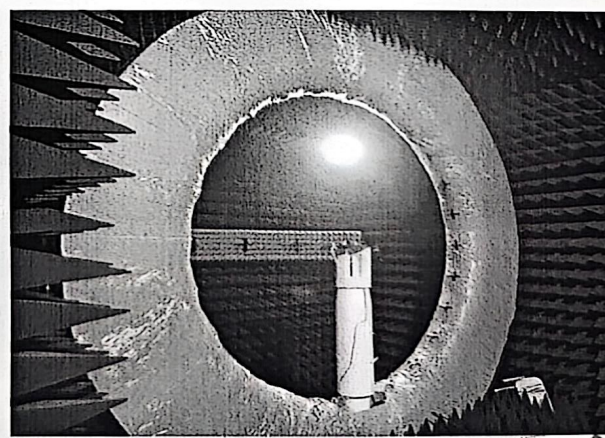
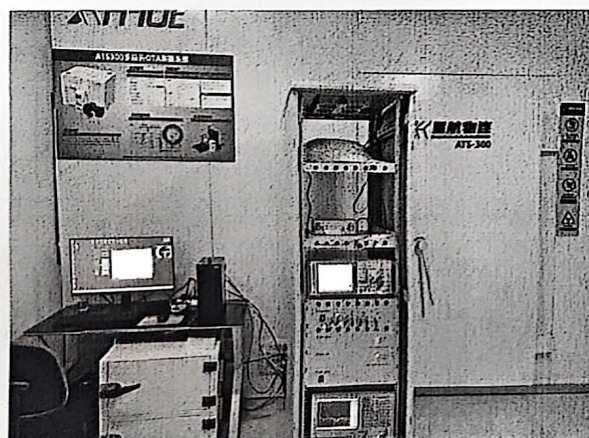


扫描全能王 创建



Shenzhen Yunding Communication Electronics Co.,Ltd.

## 1.Test environment

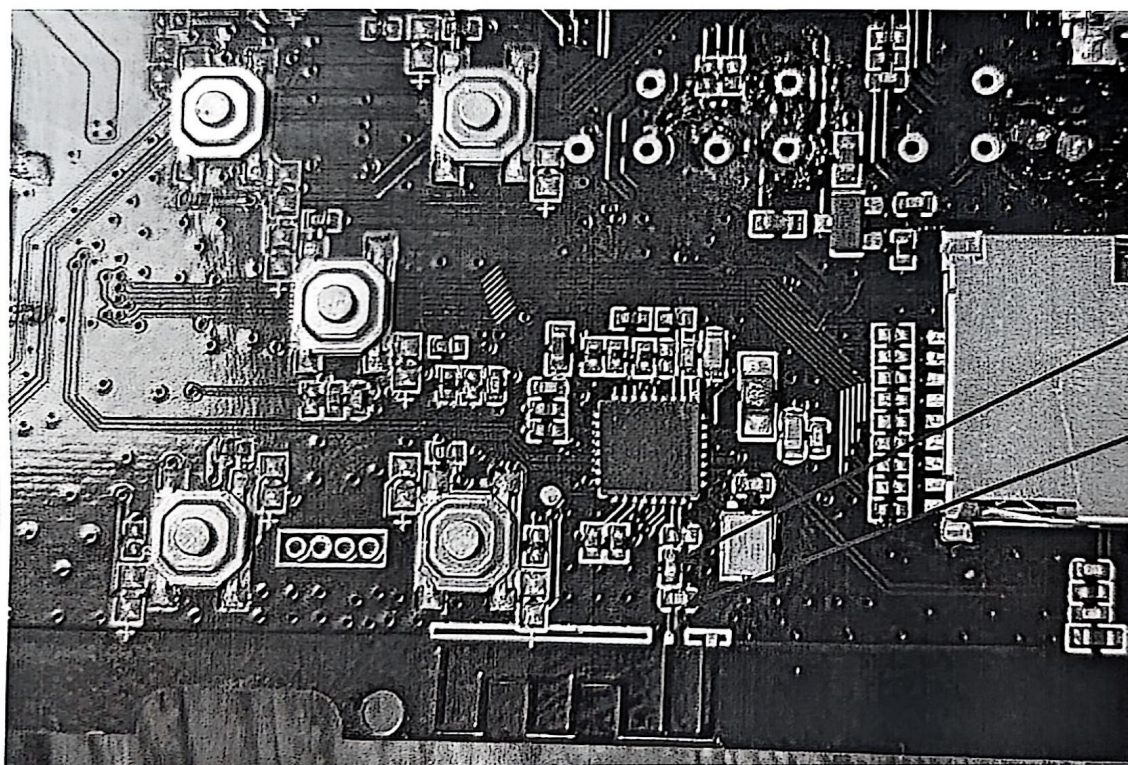


扫描全能王 创建



Shenzhen Yunding Communication Electronics Co.,Ltd.

## 2. BT Matching Parameters Diagram for Antenna Design



4.7NH

1.0PF

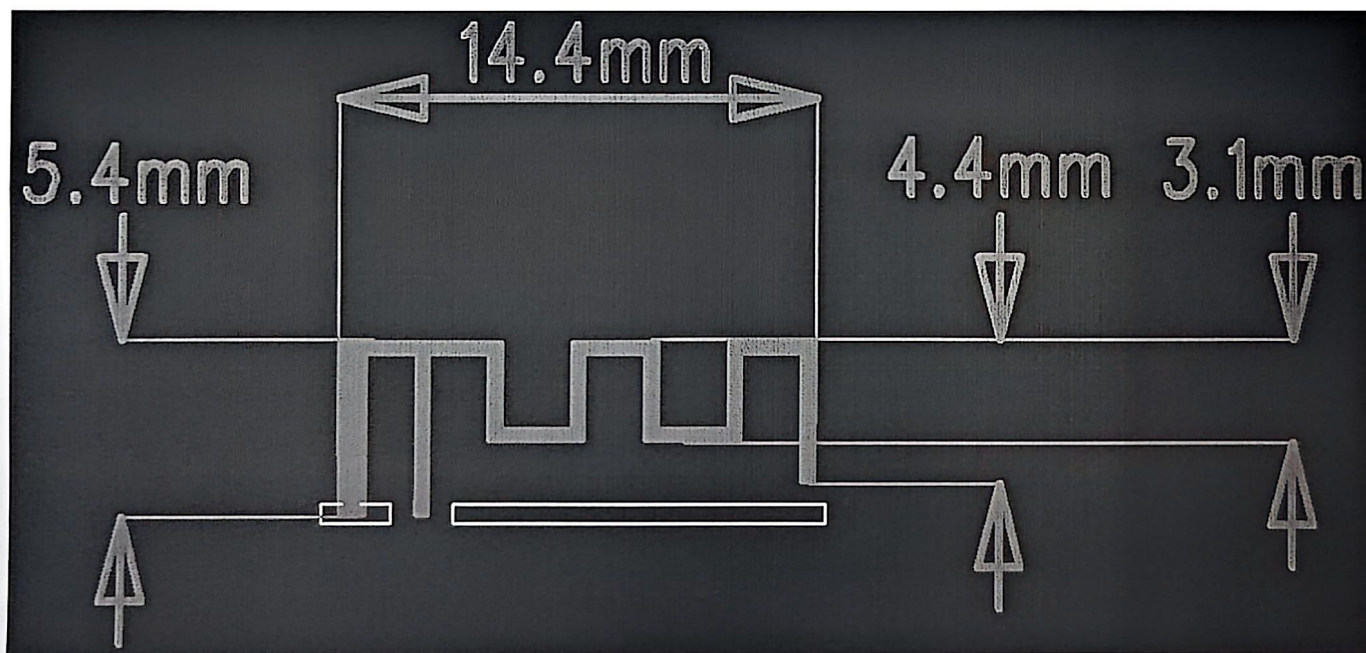


扫描全能王 创建



Shenzhen Yunding Communication Electronics Co.,Ltd.

### 3. Antenna Dimension Drawing

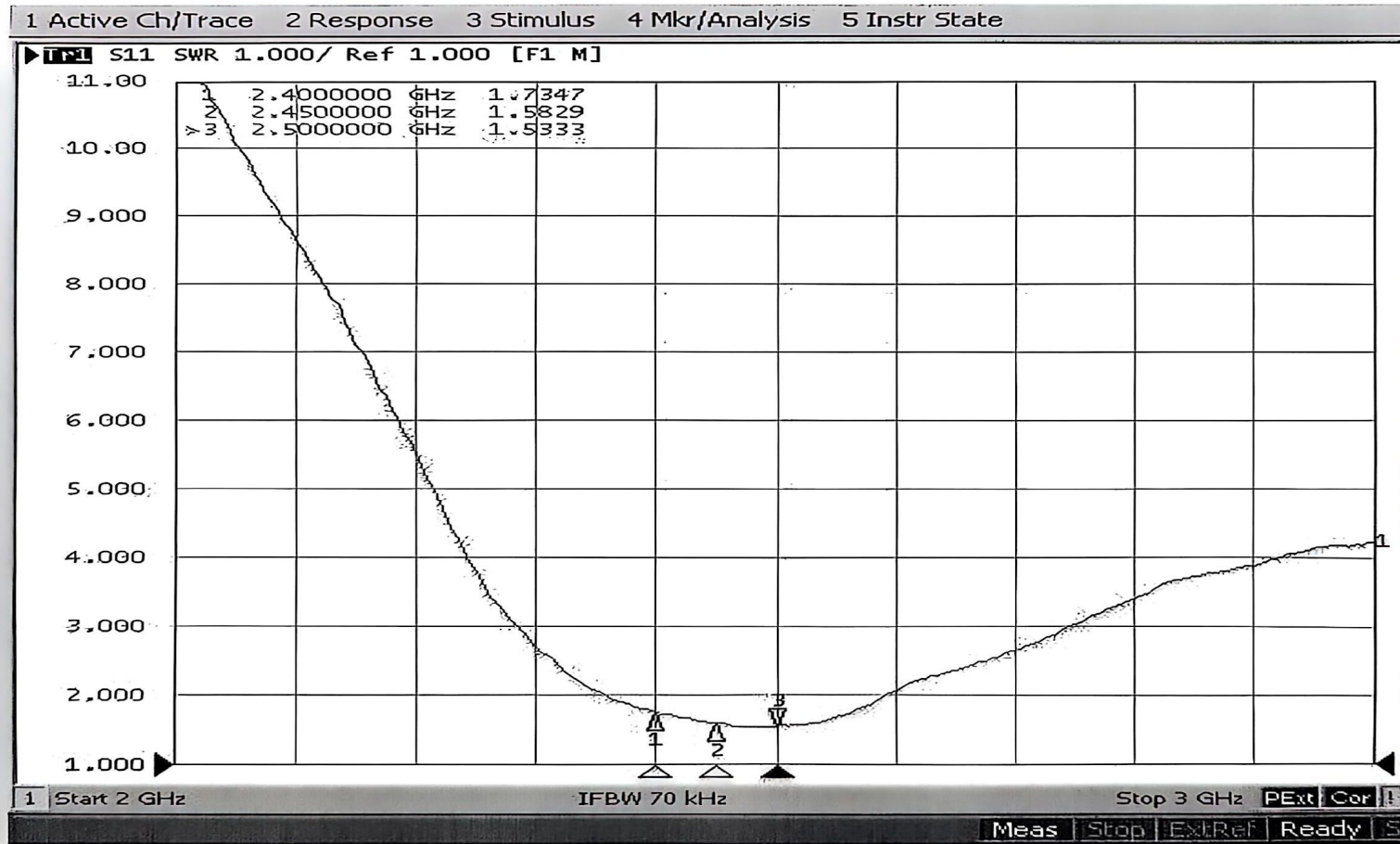


扫描全能王 创建



Shenzhen Yunding Communication Electronics Co.,Ltd.

## 4. BT Antenna performance



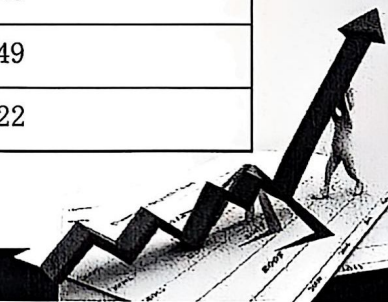
扫描全能王 创建



Shenzhen Yunding Communication Electronics Co.,Ltd.

## 5. BT Antenna efficiency and gain

| Freq<br>(MHz) | Effi<br>(%) | Gain<br>(dBi) |
|---------------|-------------|---------------|
| 2400          | 41.62       | 1.63          |
| 2410          | 40.45       | 1.55          |
| 2420          | 39.45       | 1.52          |
| 2430          | 39.69       | 1.45          |
| 2440          | 41.91       | 1.61          |
| 2450          | 44.59       | 1.93          |
| 2460          | 45.42       | 2.06          |
| 2470          | 46.13       | 2.13          |
| 2480          | 47.15       | 2.28          |
| 2490          | 48.64       | 2.49          |
| 2500          | 45.27       | 2.22          |



扫描全能王 创建



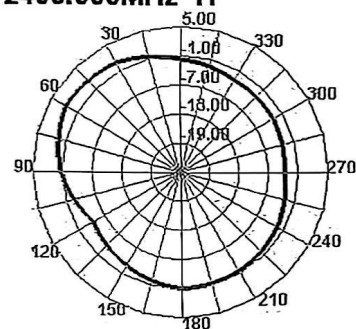
Shenzhen Yunding Communication Electronics Co.,Ltd.

## 6. BT 3D Gain Pattern

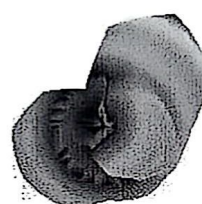
2400.000MHz



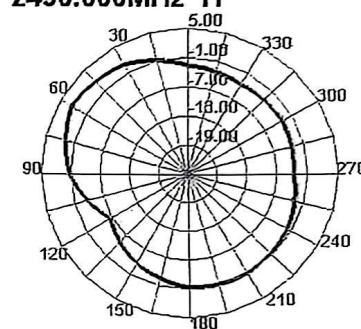
2400.000MHz H



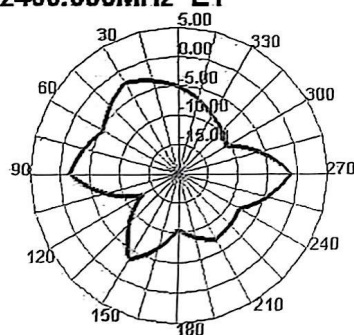
2490.000MHz



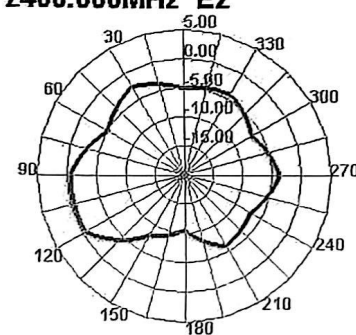
2490.000MHz H



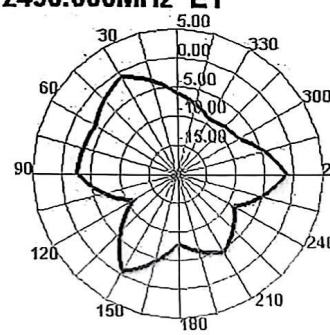
2400.000MHz E1



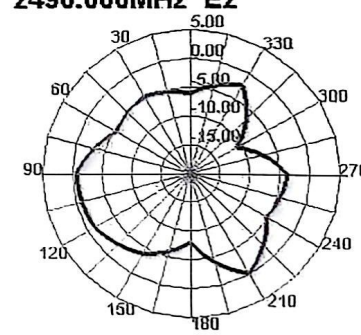
2400.000MHz E2



2490.000MHz E1



2490.000MHz E2



扫描全能王 创建