



昆山睿翔讯通通信技术有限公司

KUNSHAN INNOWAVE COMMUNICATION TECHNOLOGY CO., LTD.

# Antenna Sample Datasheet

Antenna model name: O74

Antenna type: PIFA Antenna

Antenna Brand name: Innowave

Manufacturer address:

No.55 ShengchuangRoad, Yushan Town, Kunshan City,  
Suzhou City, Jiangsu Province

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| customer:          | Dongguan hunting sound electronic technology Co., LTD |
| entry name:        | O74                                                   |
| Material category: | BT antenna                                            |
| Antenna Type       | PIFA                                                  |
| Antenna Material   | LDS                                                   |
| Date:              | 2025.01.02                                            |



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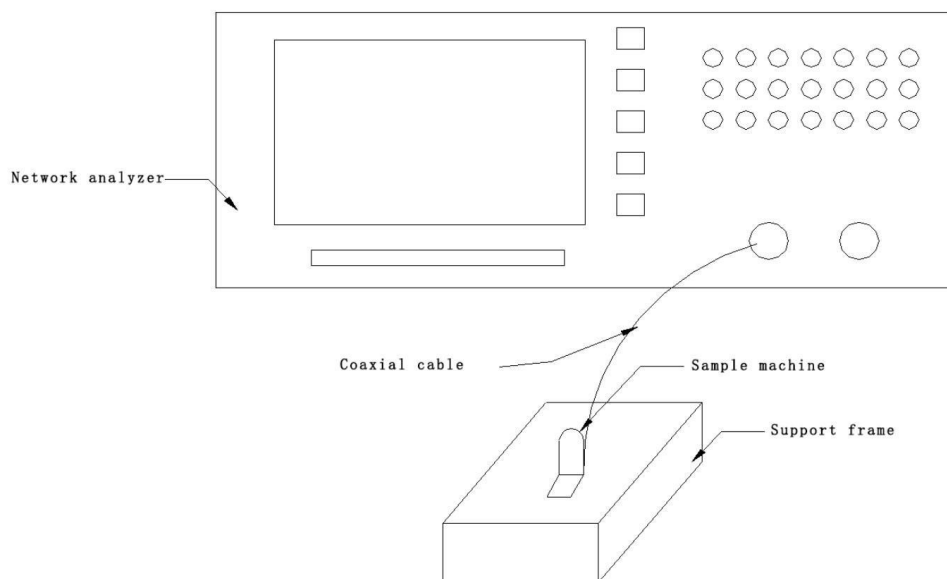
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## 1: Antenna test equipment

List of meters: Agilent 5071B;

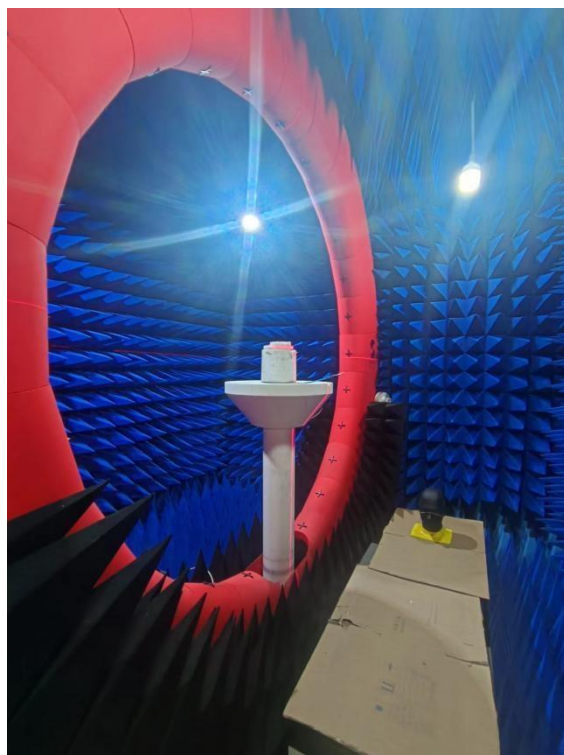


### 1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

### 1.2 Pictures of the ETS anechoic chamber



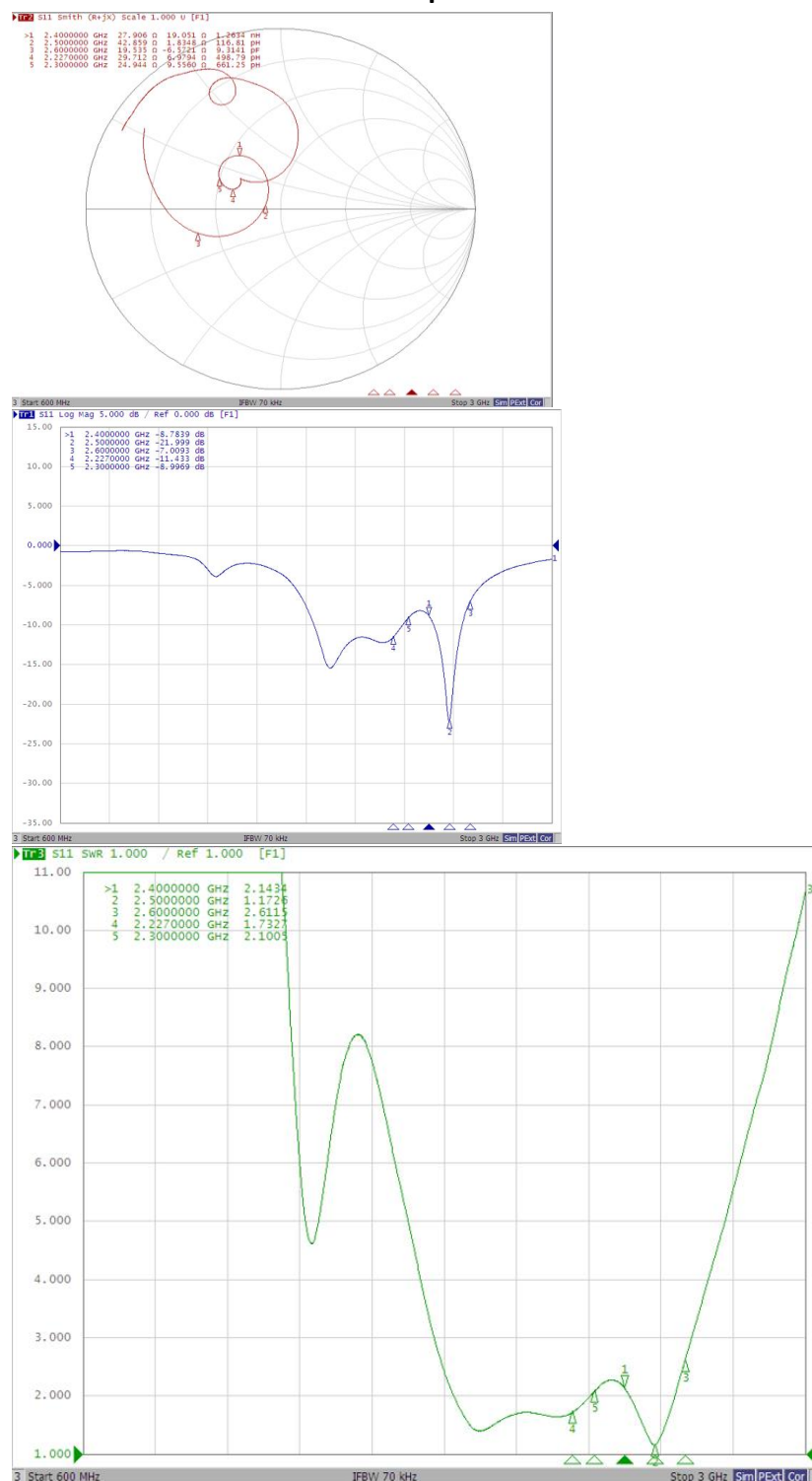
Inside the ETS anechoic chamber



Test Machine

## 2: Passive test report

### 2.1: BT antenna S11 parameters



### 2.2: Passive efficiency of antenna

| 2400-2480MHz |           |               |
|--------------|-----------|---------------|
| Freq(MHz)    | Gain(dBi) | Efficiency(%) |
| 2400         | -7.2      | 5.71          |
| 2410         | -7.0      | 5.92          |
| 2420         | -6.9      | 6.11          |
| 2430         | -6.9      | 6.07          |
| 2440         | -7.0      | 6.12          |
| 2450         | -6.9      | 6.25          |
| 2460         | -7.1      | 6.24          |
| 2470         | -7.1      | 6.17          |
| 2480         | -7.3      | 6.11          |
| Mean value   | -7.0      | 6.07          |

## 2.3: Passive pattern of BT antenn

