

## Antenna Sample Datasheet

|                    |              |
|--------------------|--------------|
| entry name:        | OC93G-L      |
| Material category: | BT antenna   |
| Antenna Material   | LDS          |
| Date:              | 2025. 07. 24 |

## Contents

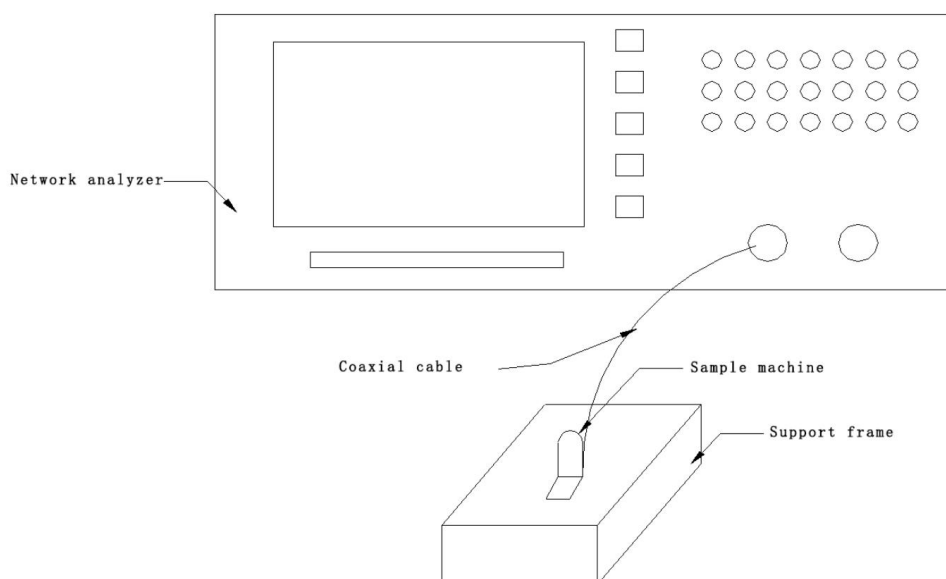
|                                |   |
|--------------------------------|---|
| 1: Antenna test equipment..... | 1 |
| 2: Passive test report.....    | 3 |
| 3: Matching circuit.....       | 5 |
| 4: Structural drawing.....     | 6 |

## 1: Antenna test equipment

List of meters: Agilent 5071B;

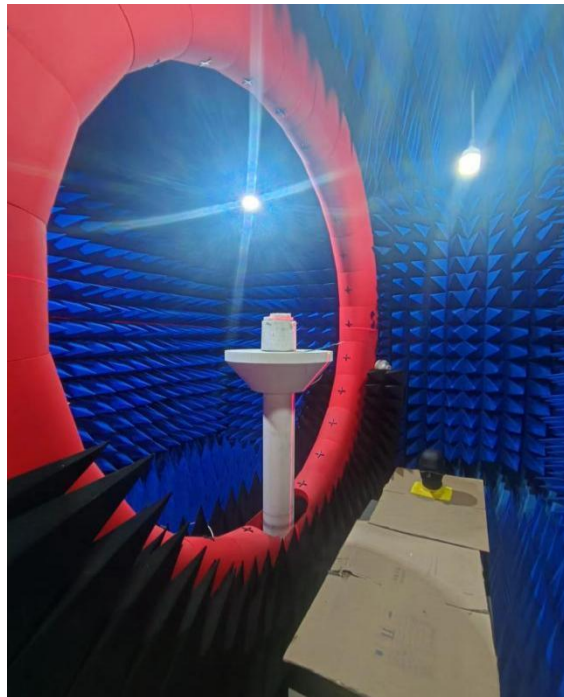


### 1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

## 1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

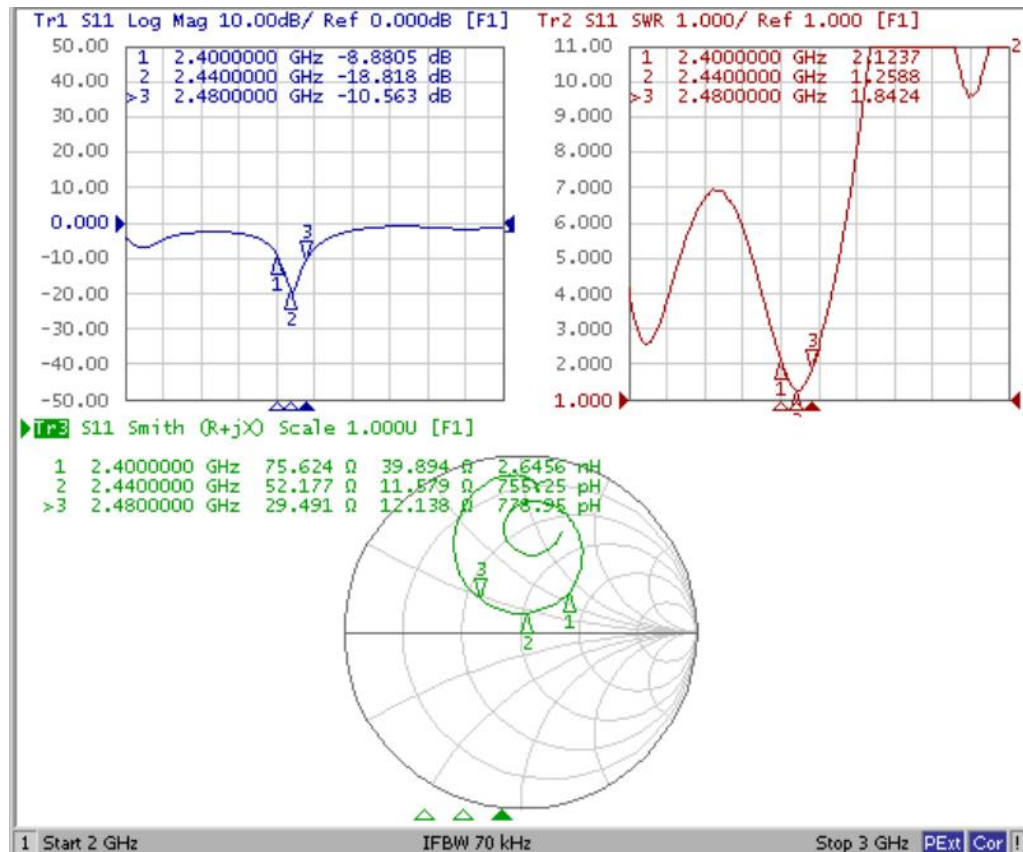
Address: 12th Floor, West Block B, Building 8, Huaqiang Creative Industry Park, Sightseeing Road, Guangming District, Shenzhen

Telephone number: 0755-28700082

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## 2: Passive test report

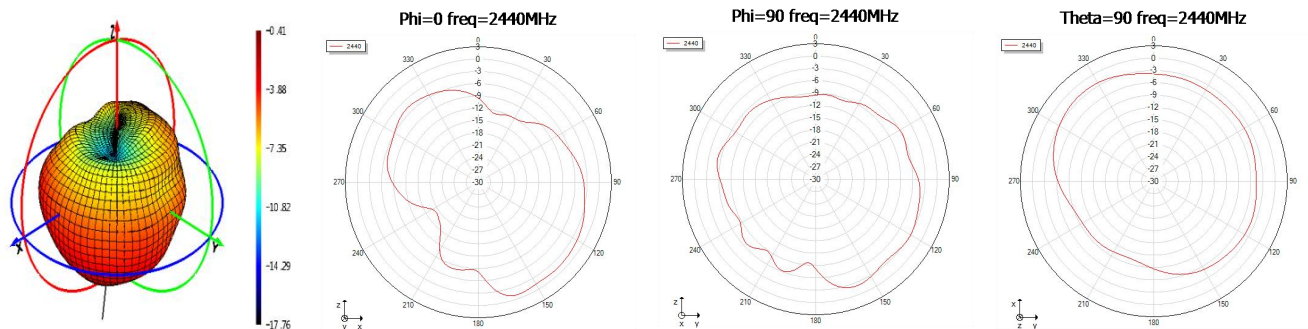
### 2.1: BT antenna S11 parameters



## 2.2: Passive efficiency of antenna

| Freq (MHz) | Gain(dBi) | Efficiency(%) |
|------------|-----------|---------------|
| 2400       | -1.62     | 26.57         |
| 2410       | -1.56     | 27.25         |
| 2420       | -0.49     | 28.70         |
| 2430       | -0.46     | 29.21         |
| 2440       | -0.41     | 30.52         |
| 2450       | -0.45     | 29.86         |
| 2460       | -0.52     | 28.12         |
| 2470       | -0.60     | 27.73         |
| 2480       | -1.65     | 26.28         |
| 2490       | -1.79     | 25.81         |
| 2500       | -1.83     | 25.73         |

## 2.3: Passive pattern of BT antenna

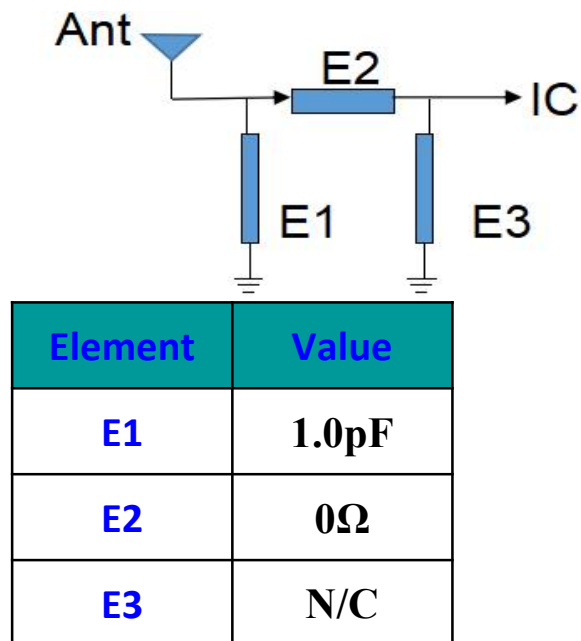


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### 3: Matching circuit



## 4: Structural drawing

