

## Antenna Sample Datasheet

|                    |                          |
|--------------------|--------------------------|
| customer:          | Minami Acoustics Limited |
| entry name:        | Truly TWS-L              |
| Material category: | BT antenna               |
| Antenna Type       | Monopole                 |
| Antenna Material   | FPC                      |
| edition:           | A11                      |
| Date:              | 2025. 5. 9               |

# Contents

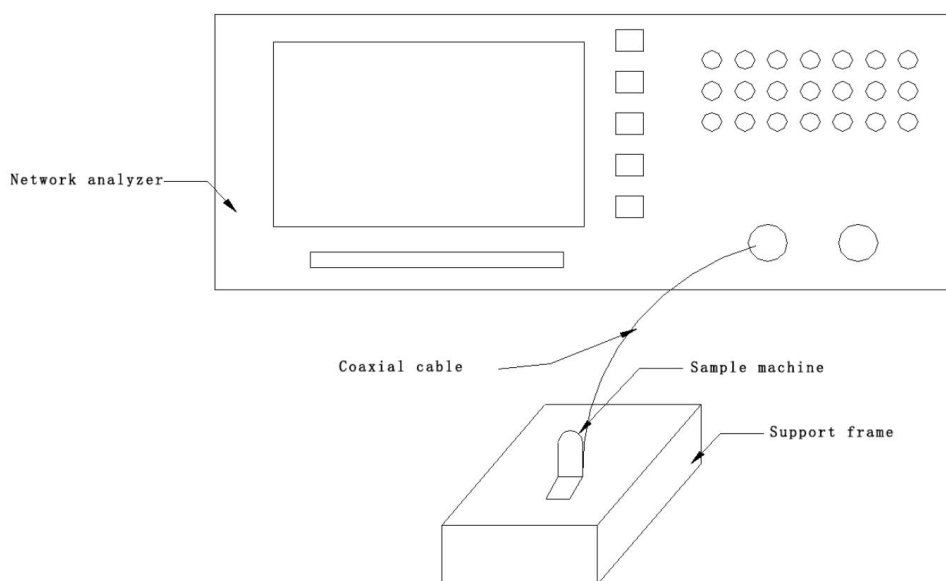
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## 1: Antenna test equipment

List of meters: Agilent 5071B;

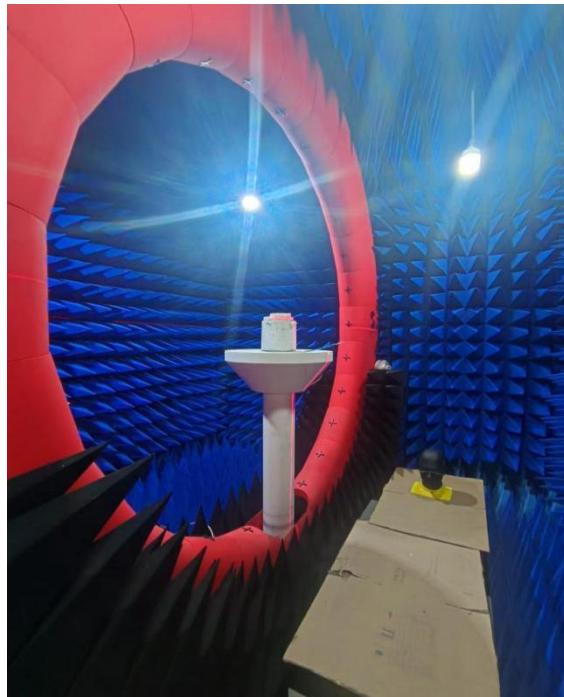


### 1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

## 1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

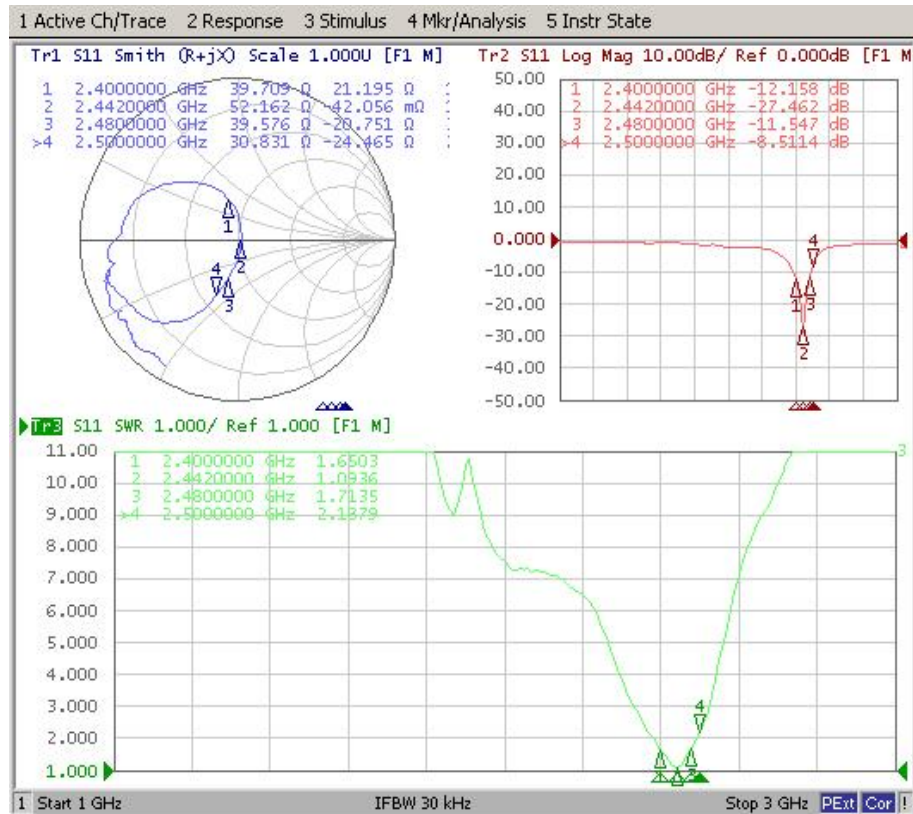
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## 2: Passive test report

### 2.1: BT antenna S11 parameters



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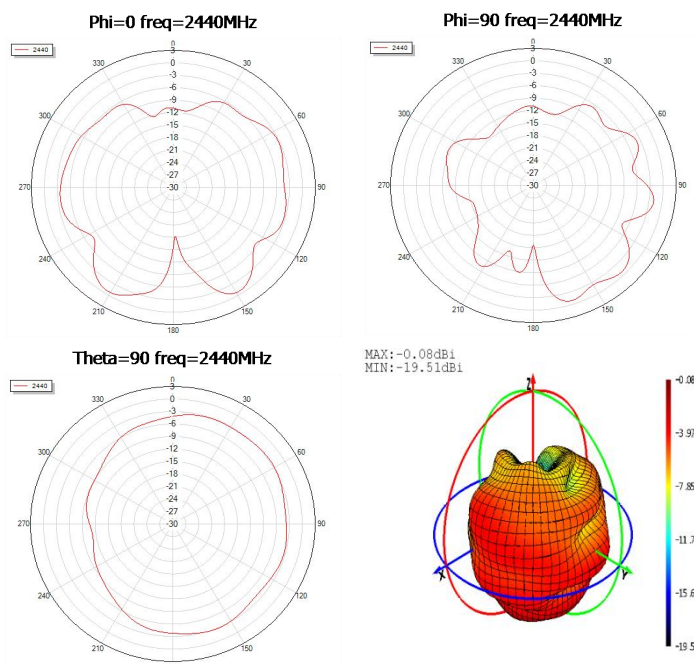
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## 2.2: Passive efficiency of antenna

| 2400-2480MHz |            |               |
|--------------|------------|---------------|
| Freq(MHz)    | Gain(dBi)  | Efficiency(%) |
|              | free space | free space    |
| 2400         | 0.19       | 32.99         |
| 2410         | 0.24       | 36.74         |
| 2420         | 0.19       | 38.72         |
| 2430         | 0.14       | 40.68         |
| 2440         | -0.08      | 40.41         |
| 2450         | -0.18      | 39.83         |
| 2460         | -0.65      | 39.20         |
| 2470         | -0.57      | 37.84         |
| 2480         | -0.13      | 35.63         |
| Mean value   | -0.09      | 38            |

## 2.3: Passive pattern of BT antenna

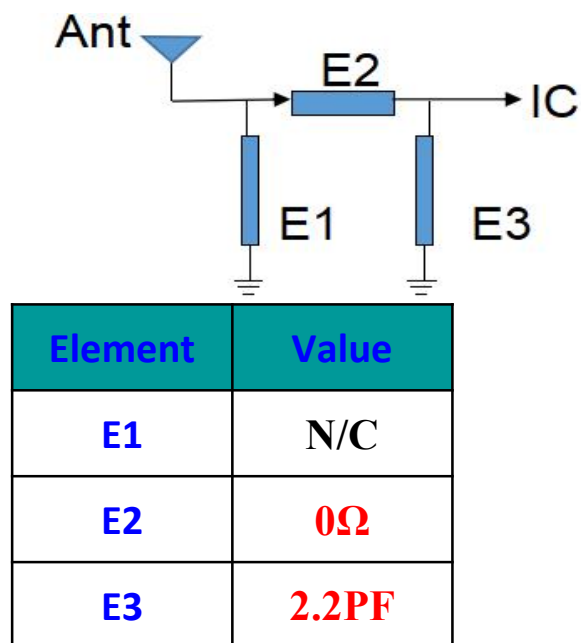


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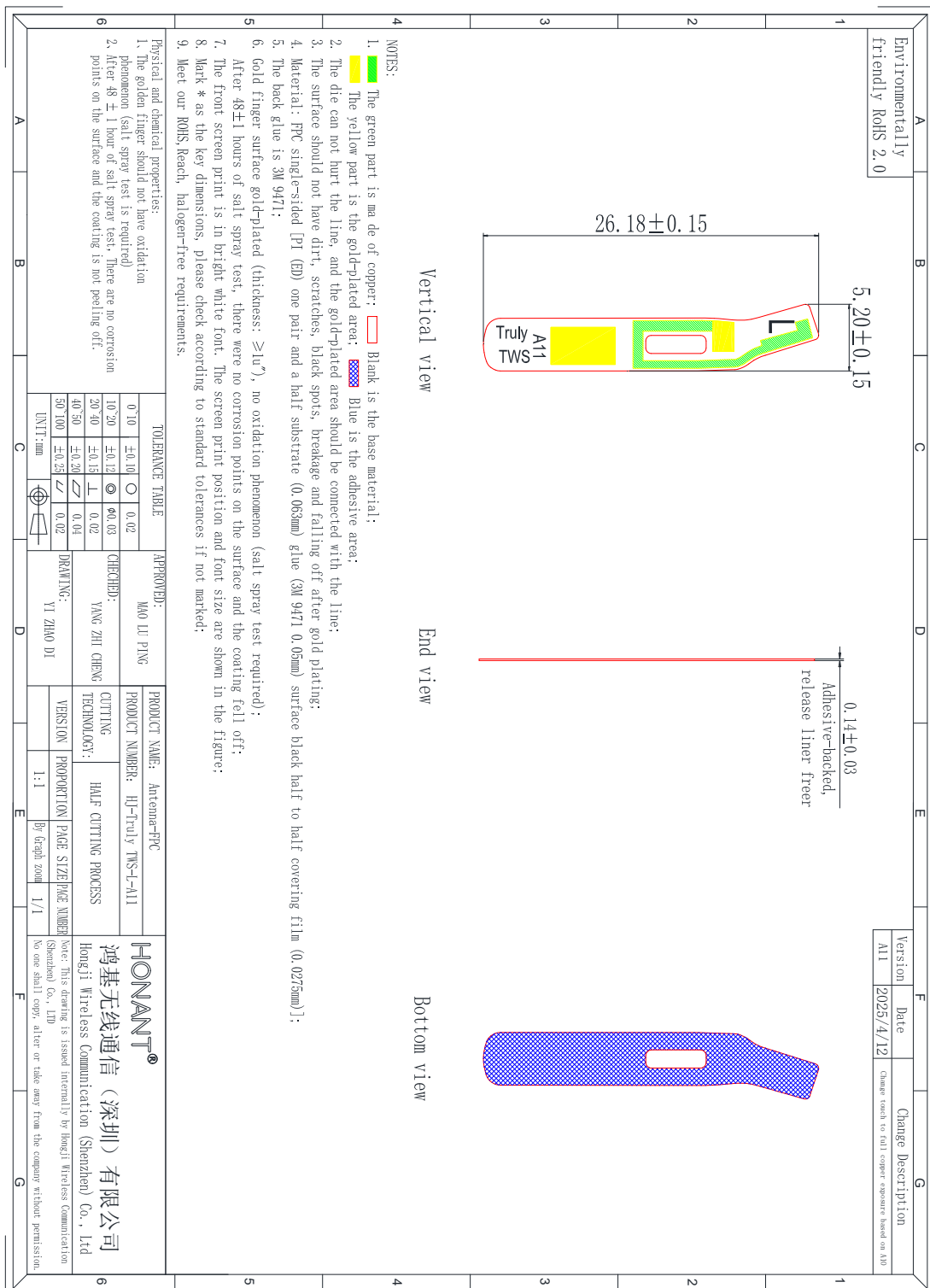
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### 3: Matching circuit



## 4: Structural drawing



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