

## SPECIFICATION FOR APPROVAL

**CUSTOMER:** Zhejiang Bove Intelligent Technology Co., Ltd.

**UPPLIER:** MyAntenna

**PRODUCT MODEL:** B8-TH\_V1.1

**PRODUCT NAME:** B8-TH\_V1.1 FPC antenna

**PRODUCT CODE:** M01-0400600R0A/M04-0101780R0A/

M04-0102580R0A

**CUSTOMER SIGNATURE:**

**CUSTOMER SEAL:**

供应商签名 **SUPPLIER SIGNATURE:**

陈建坊

供应商盖章 **SUPPLIER SEAL:**



注意：请将此副本作为您的批准证明回签！

**NOTE: PLEASE RETURN THIS COPY AS A CERTIFICATION OF YOUR APPROVAL**

|                 |            |      |                         |
|-----------------|------------|------|-------------------------|
| 编制 Prepared by: | 日期 Date:   | Add: | 深圳市南山科技园南区 R3-A 栋 405 室 |
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|                 |            | Fax: | 0755-27801677           |

## PERFORMANCE PARAMETER

### 1. Electrical Characteristics

|   |                 |                     |
|---|-----------------|---------------------|
| 1 | Frequency Range | 863MHz-928MHz       |
| 2 | V. S. W. R      | <3.5                |
| 3 | peak Gain       | 0.89dBi             |
| 4 | Impedence       | 50 $\Omega$         |
| 5 | Polarization    | linear polarization |

### 2. Mechanical parameters

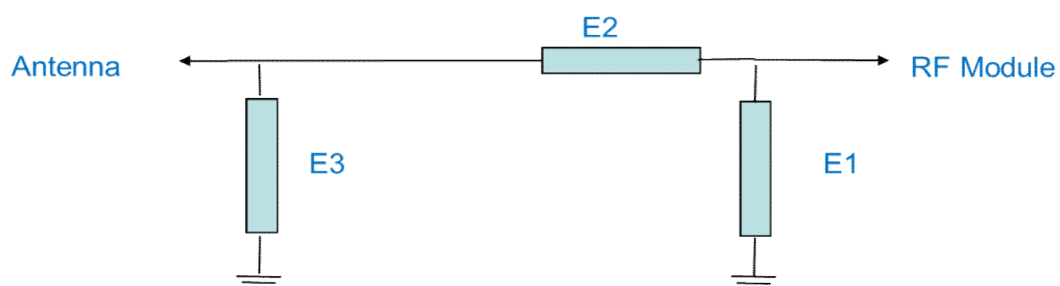
|   |           |                                     |
|---|-----------|-------------------------------------|
| 1 | Measure   | FPC: 52.0*31.15mm/ $\Phi$ 1.13*60mm |
| 2 | 颜色 Colour | black                               |

### 3. Environment Condition

|   |              |            |
|---|--------------|------------|
| 1 | Working Temp | -40°C~85°C |
|---|--------------|------------|

## TESTING CURVE

### 1. Matching circuit

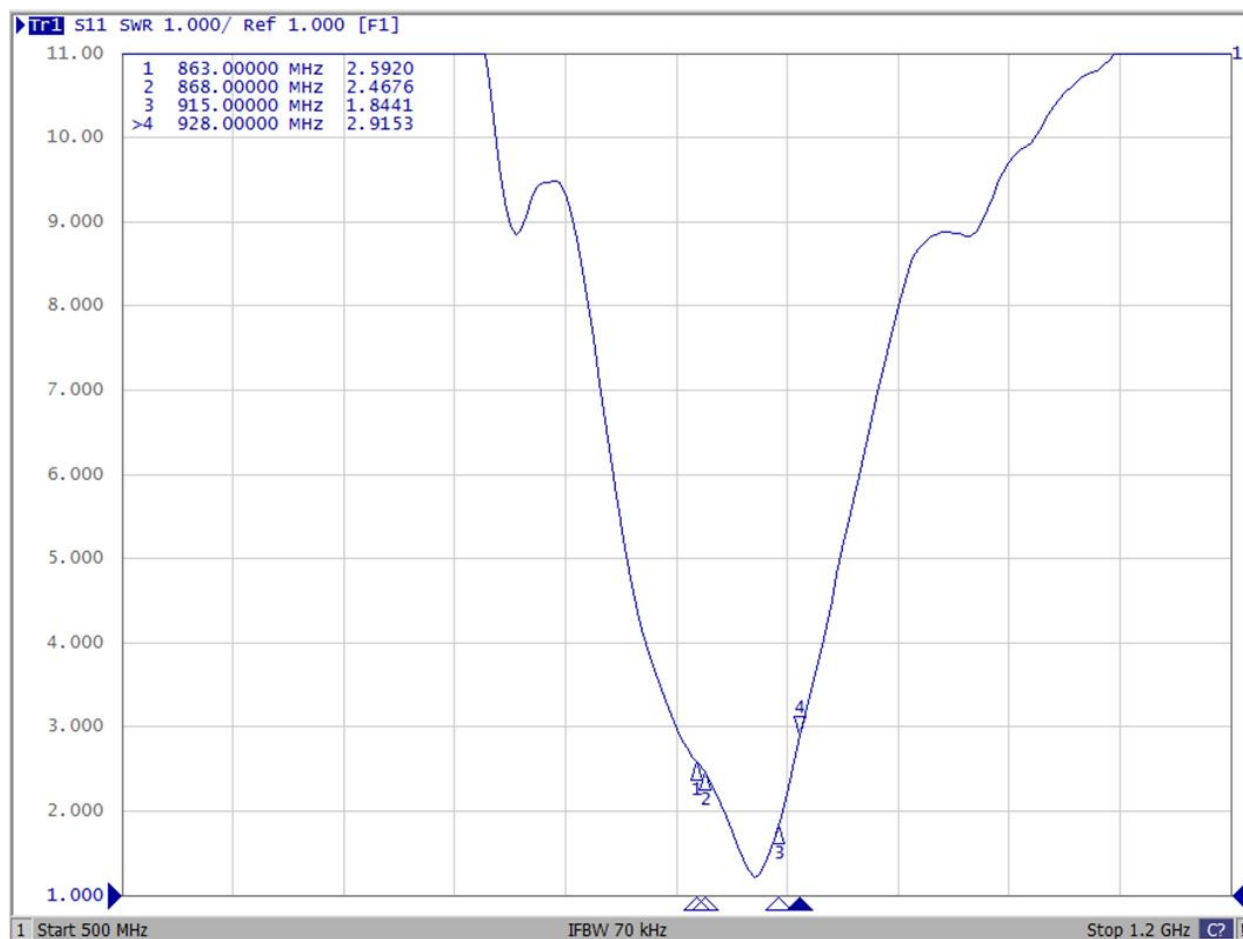


| Element  | Value |
|----------|-------|
| E1(0402) | NC    |
| E2(0402) | 0Ω    |
| E3(0402) | NC    |
|          |       |

## TESTING CURVE

### 2. Performance test 2.1

#### V.S.W.R



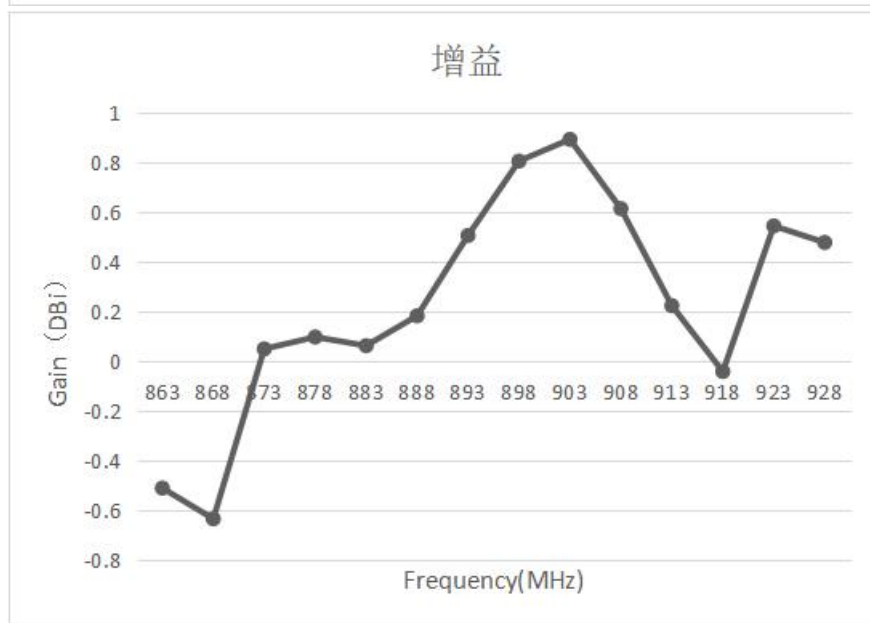
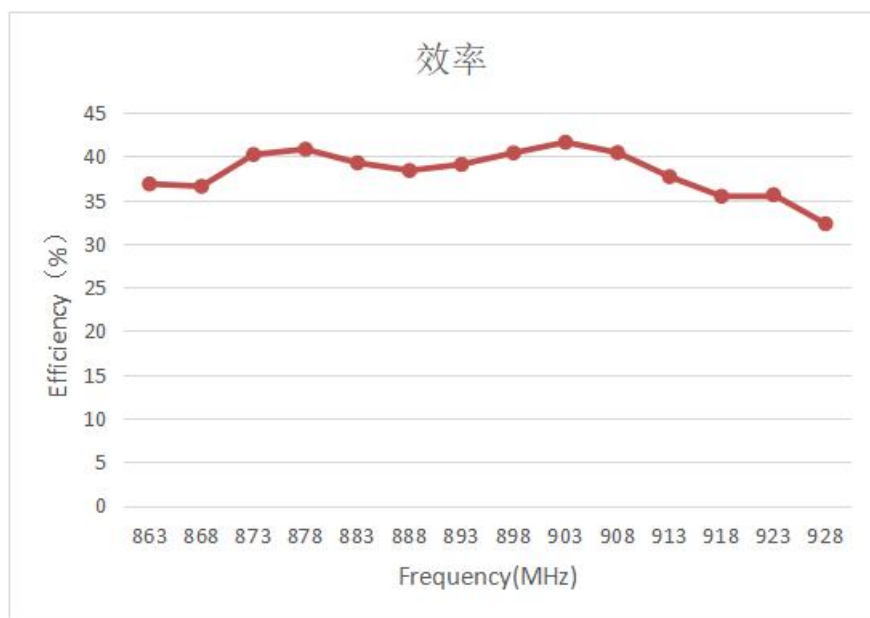
#### Data list

|          |      |      |      |      |
|----------|------|------|------|------|
| Freq/MHz | 863  | 868  | 915  | 928  |
| VSWR     | 2.59 | 2.46 | 1.84 | 2.91 |

## TESTING CURVE

### 3. Passive testing

#### 3.1 Efficiency and Gain

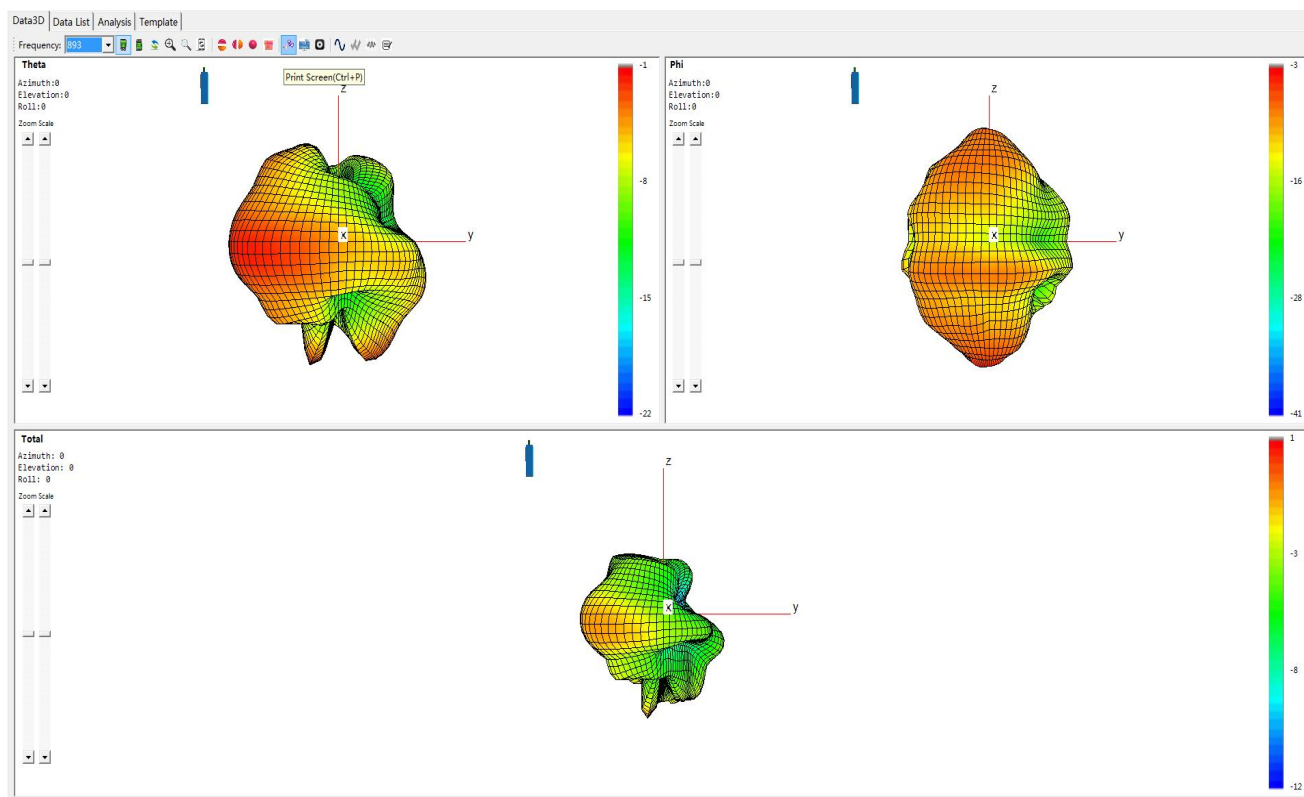


## Data list

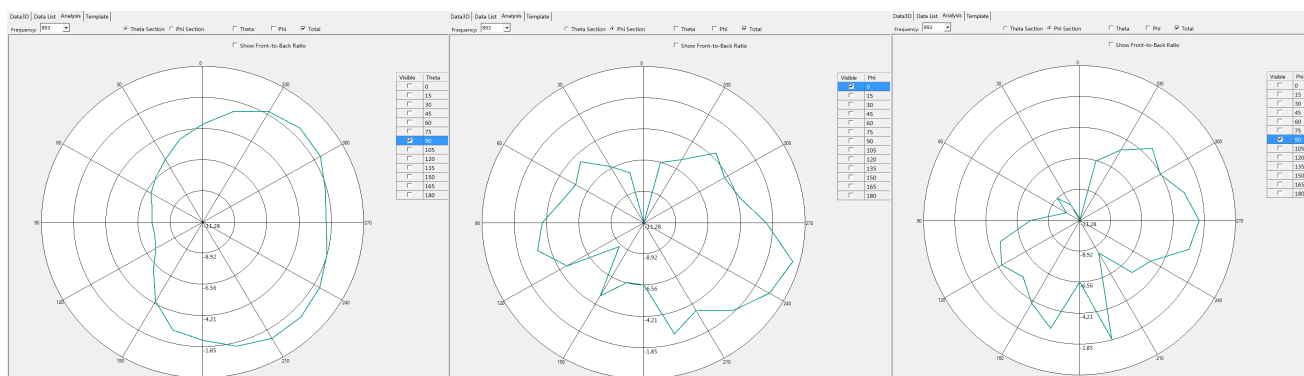
| Freq (MHz) | Gain(dBi) | Efficiency | Freq (MHz) | Gain(dBi) | Efficiency |
|------------|-----------|------------|------------|-----------|------------|
| 863        | -0.51     | 36.84      | 898        | 0.81      | 40.40      |
| 868        | -0.63     | 36.57      | 903        | 0.89      | 41.62      |
| 873        | 0.05      | 40.21      | 908        | 0.61      | 40.43      |
| 878        | 0.10      | 40.82      | 913        | 0.22      | 37.68      |
| 883        | 0.06      | 39.26      | 918        | -0.04     | 35.43      |
| 888        | 0.18      | 38.38      | 923        | 0.54      | 35.61      |
| 893        | 0.51      | 39.08      | 928        | 0.48      | 32.28      |

## TESTING CURVE

### 3.2 3D Map



### 3.3 2D Figure



## SCHEDULE DRAWING

