

## Antenna Specifications

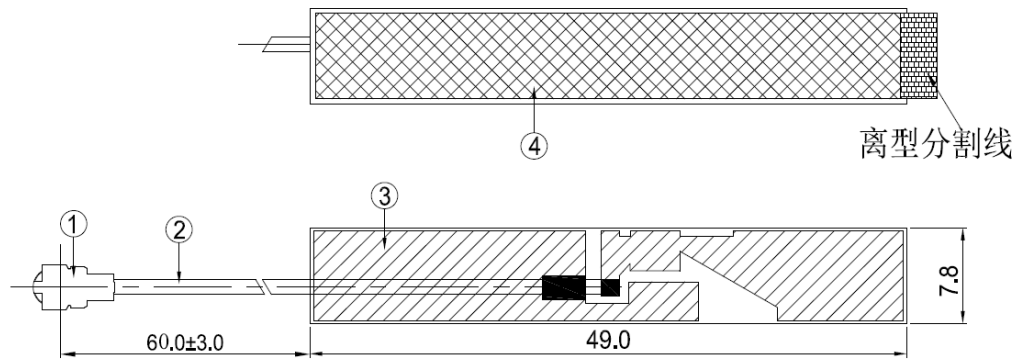
Specification description: 2.4G new soft built-  
in 1.13 wire L=120MM(1st generation terminal)

Model: JMN-YBP

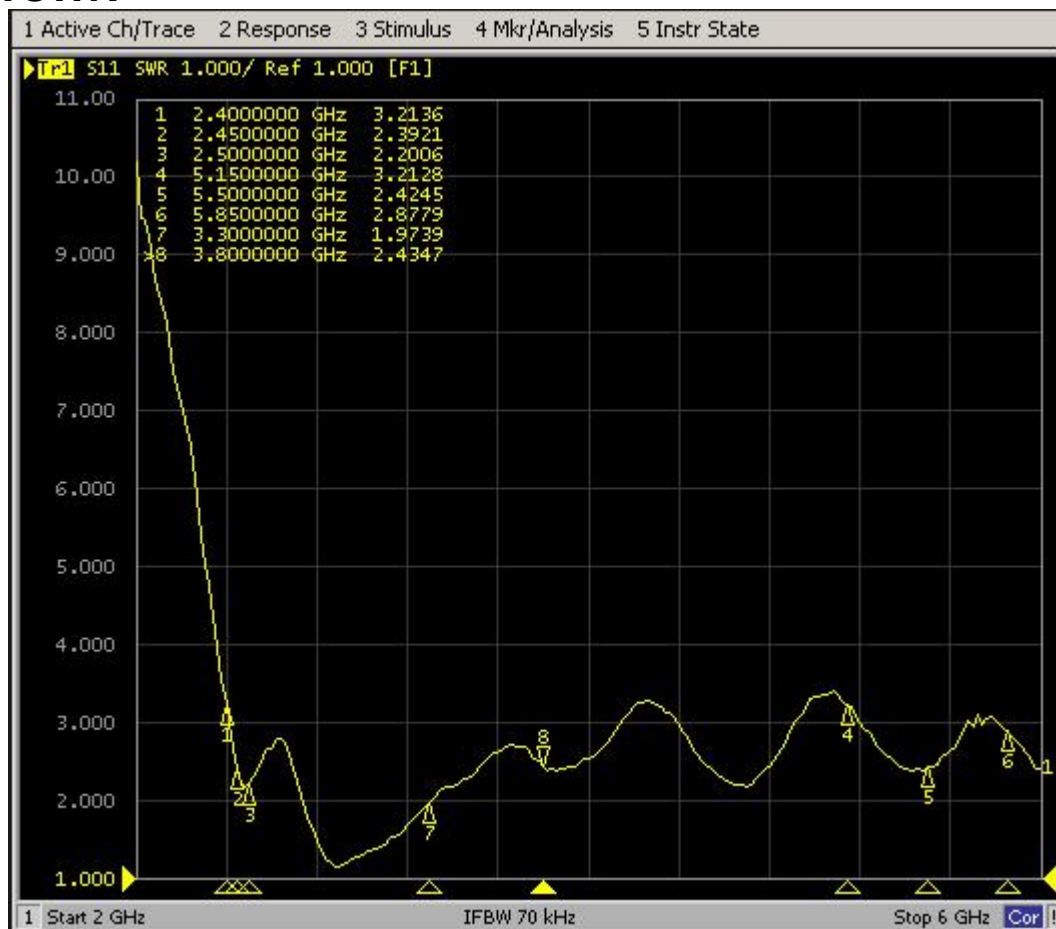
Manufacturer's name: Guangzhou Yi Qin Technology Co., Ltd.

Manufacturer Address: Room 203, Building 4, No. 6 Yongxing Auto Parts Street, Baiyun District, Guangzhou City

## 1、product picture



## 2. VSWR

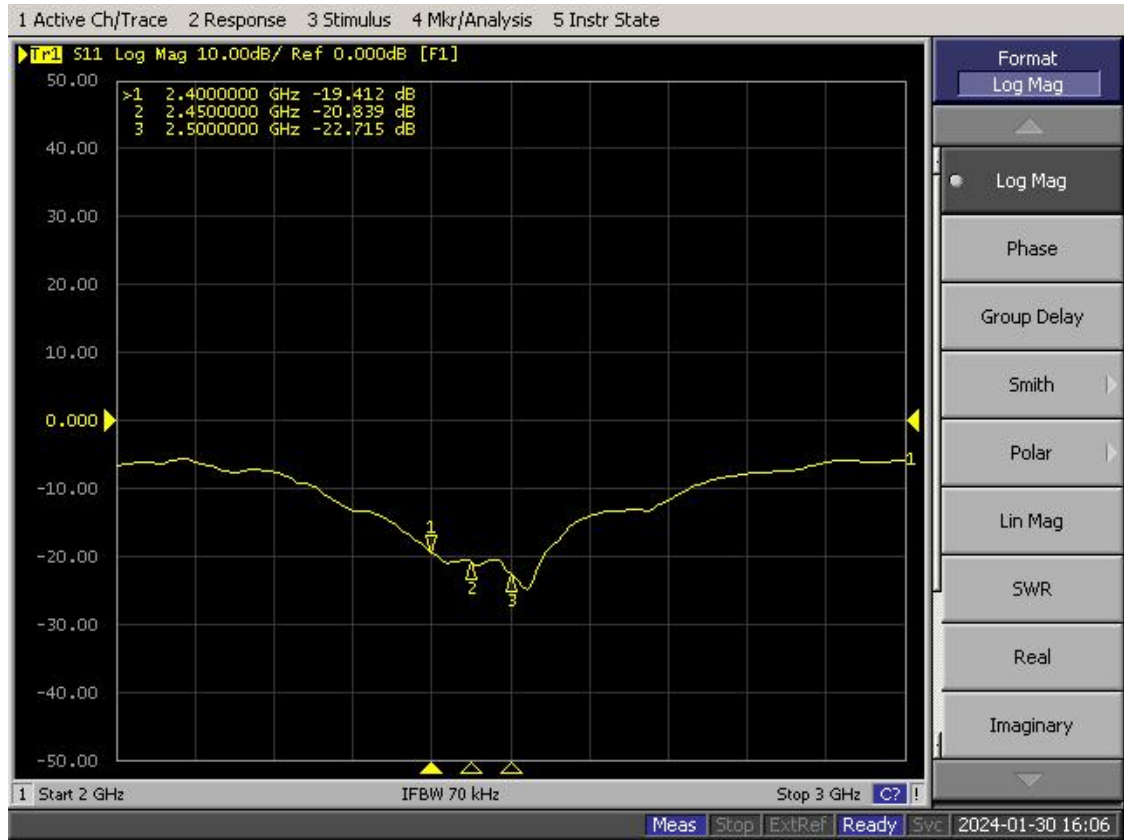


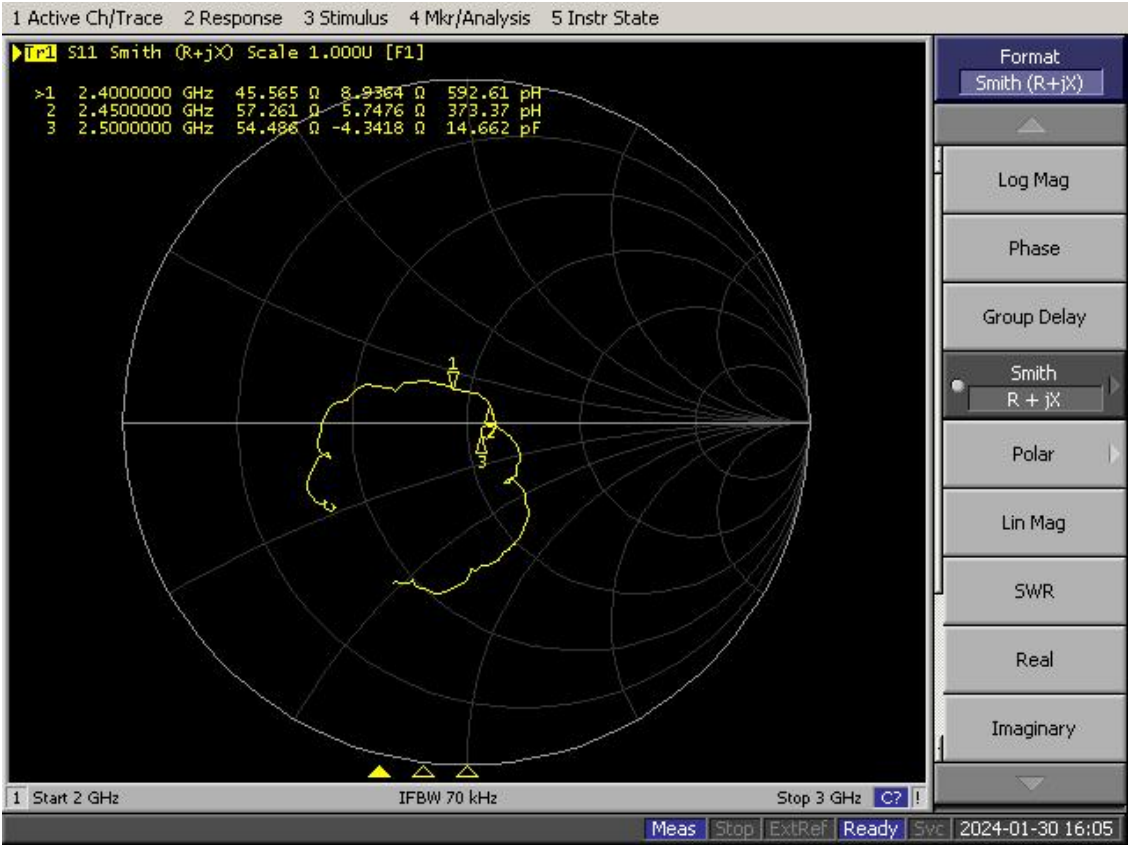
3· Product performance parameter:

| 电性能指标Electrical Specifications   |                  |
|----------------------------------|------------------|
| 频率范围Frequency Range (MHz)        | 2400-2500        |
| 输入阻抗Input Impendence (Ω)         | 50               |
| 电压驻波比V.S.W.R                     | ≤3.0（未匹配设备，仅供参考） |
| 增益Gain (dBi)                     | 1.93（Max）        |
| 极化形式Polarization Type            | 垂直Vertical       |
| 最大功率Maximum power(W)             | 10W              |
| 垂直面波瓣角度Vertical lobe Angle（E）    | 45~60°           |
| 水平面波瓣角度Water plane lobe Angle（H） | 360°             |
| 机械指标Mechanical Specifications    |                  |
| 天线材质Material                     | FPC              |
| 连接器型号Connect Type                | IPEX(1代)         |
| 天线尺寸Size                         | 45*10MM          |
| 工作温度Operating Temp               | -20 ~ +65 °C     |
| 储存温度Storage Temp                 | -30 ~ +75°C      |

3、Electrical test report

3.1



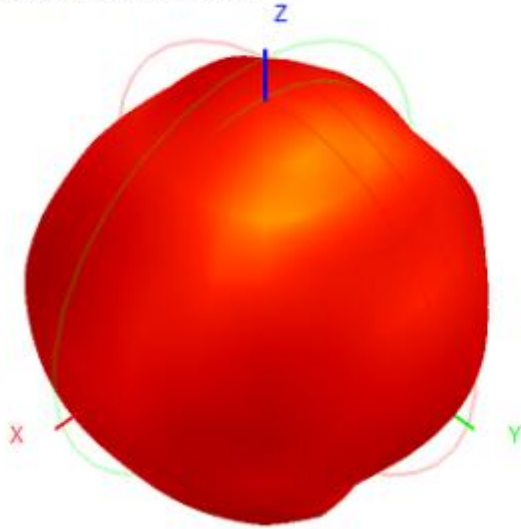


3.2 Efficiency&gain

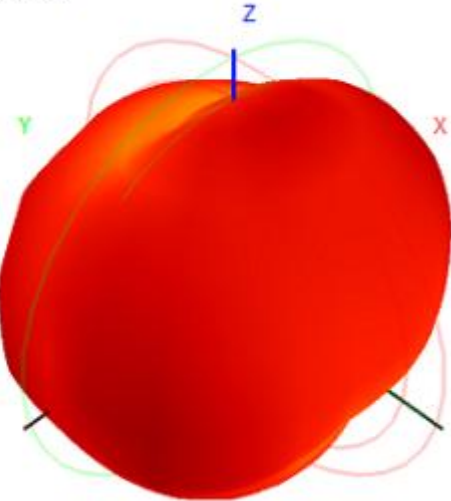
| Frequency (MHz) | Efficiency (%) | Peak Gain (dBi) |
|-----------------|----------------|-----------------|
| 2400            | 64.43          | 1.93            |
| 2450            | 63.49          | 1.88            |
| 2500            | 63.62          | 1.80            |

### 3.3 3D&2D Pattern

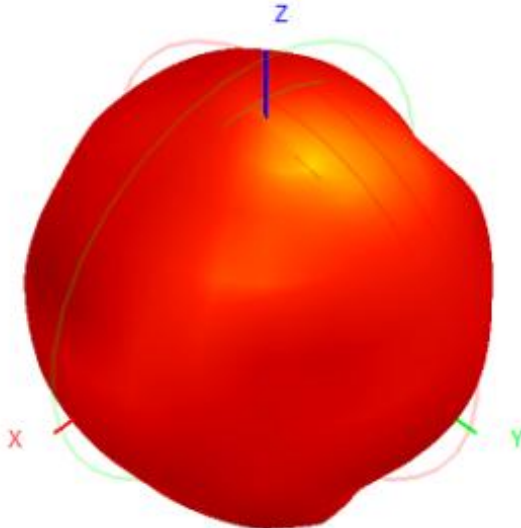
2400.0MHz H+V, Eff: 64.4%



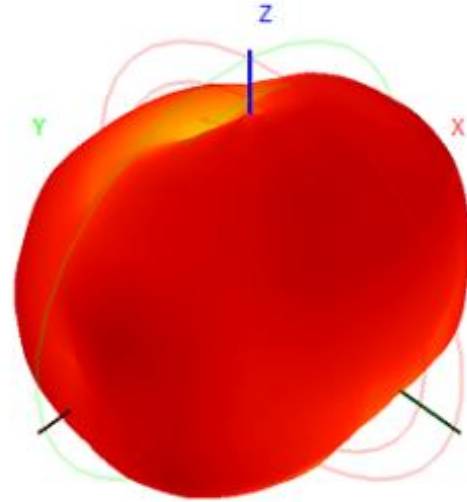
Back View



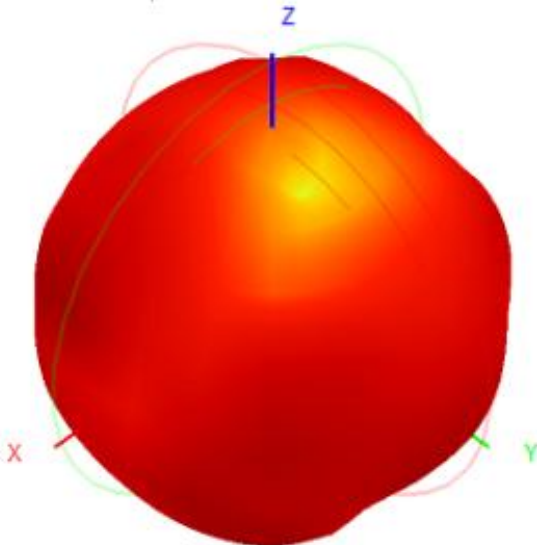
2450.0MHz H+V, Eff: 63.5%



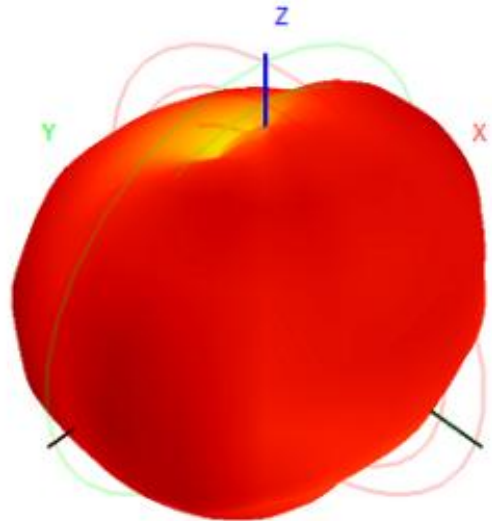
Back View



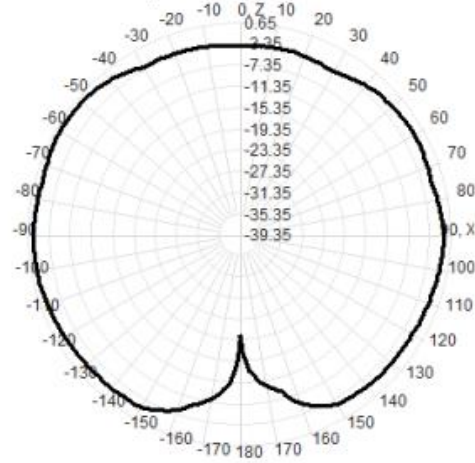
2500.0MHz H+V, Eff: 63.6%



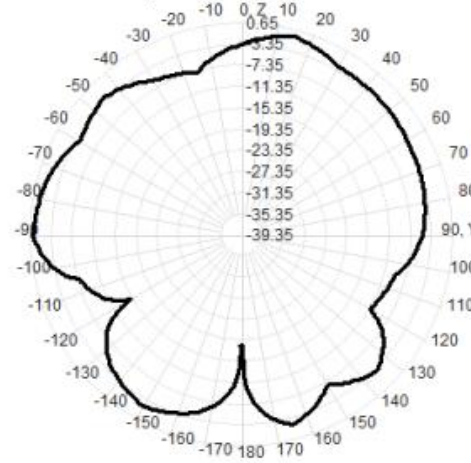
Back View



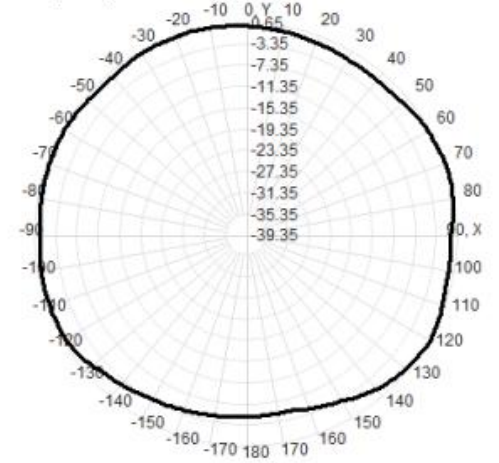
2400.0MHz Total(E1-XZ), Max= -0.19dBi



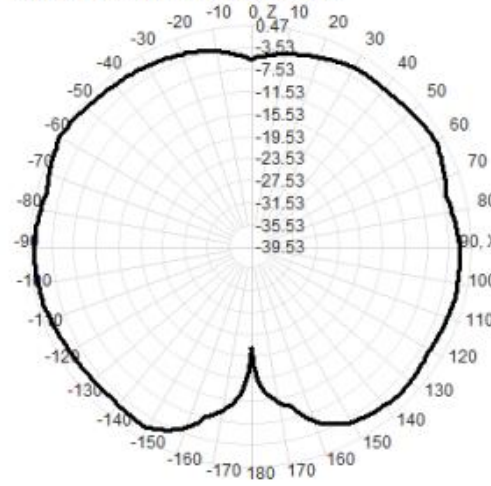
2400.0MHz Total(E2-YZ), Max= -0.01dBi



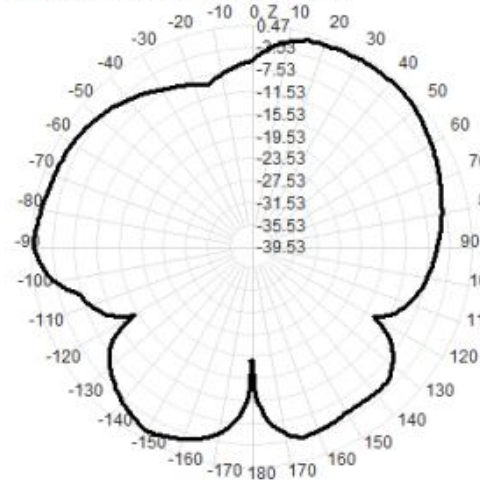
Total(H-XY), Max= 0.65dBi, CirD=5.98



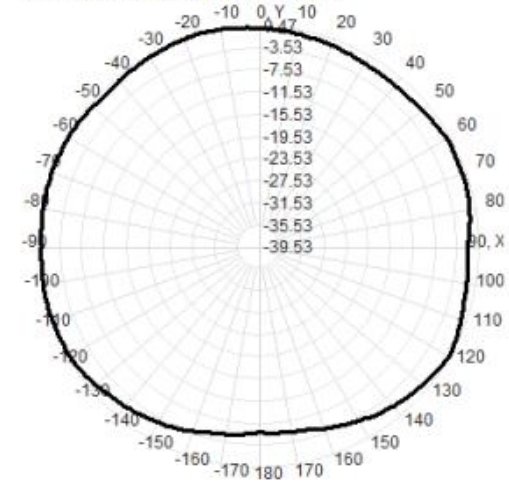
2450.0MHz Total(E1-XZ), Max= 0.32dBi



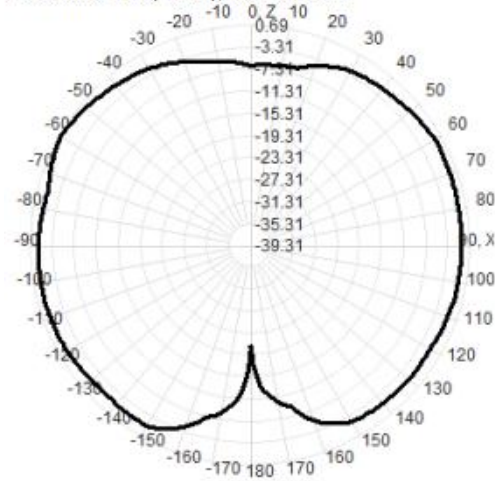
2450.0MHz Total(E2-YZ), Max= -0.01dBi



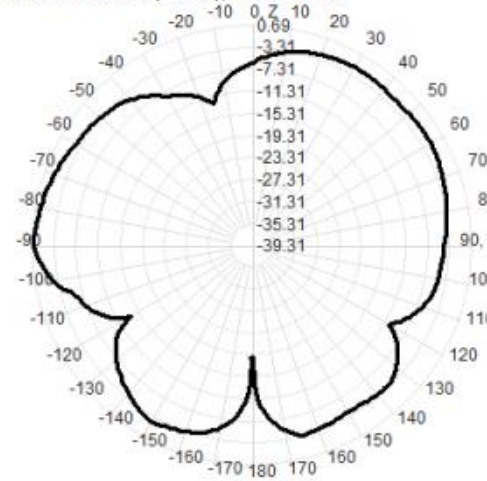
Total(H-XY), Max= 0.47dBi, CirD=6.58



2500.0MHz Total(E1-XZ), Max= 0.37dBi



2500.0MHz Total(E2-YZ), Max= 0.41dBi



Total(H-XY), Max= 0.69dBi, CirD=6.01

