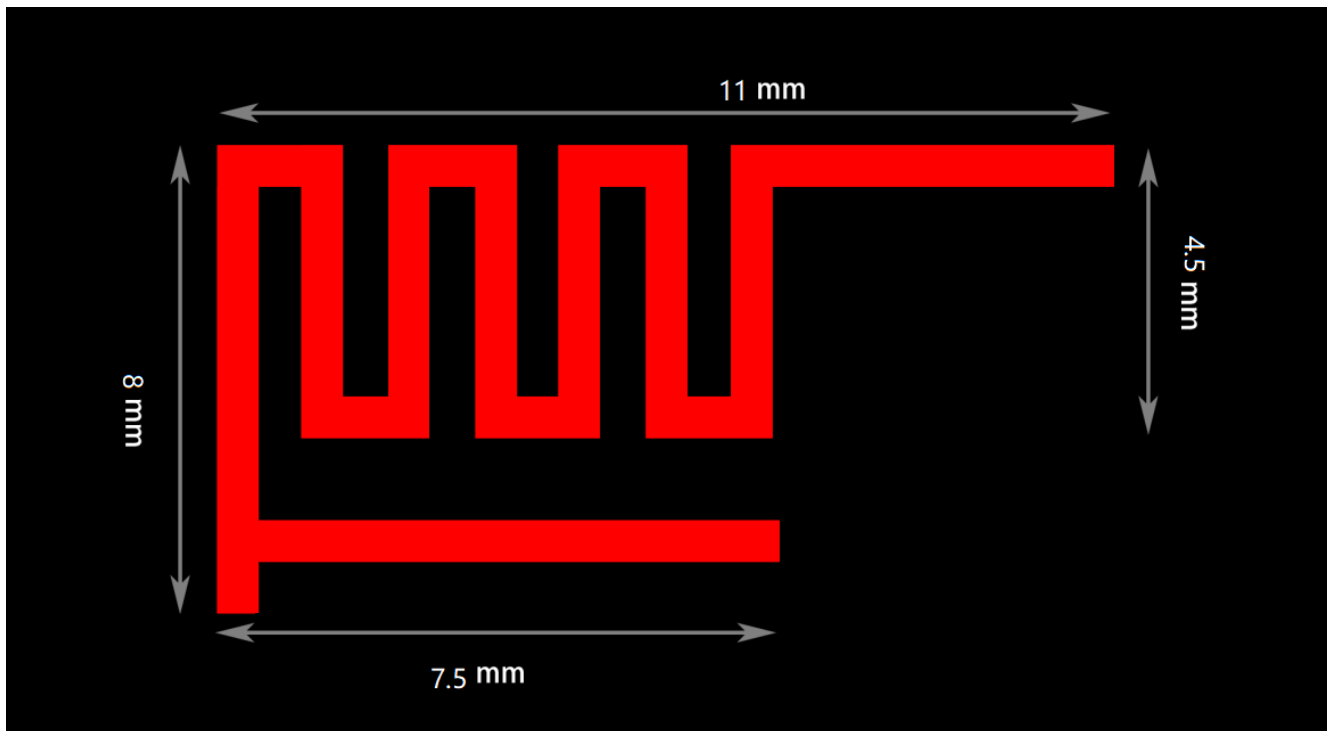


# Antenna Describe

## 1. Antenna Describe:

|                 |                                 |
|-----------------|---------------------------------|
| Antenna Plate   | IFA                             |
| Antenna Gain    | 0.58dBi                         |
| Frequency Range | 2400 – 2483.5 MHz               |
| Connector Type  | PCB                             |
| Model Name      | JJ-BL                           |
| Company Name    | ZHUHAI JIELI TECHNOLOGY CO.,LTD |

## 2. External View Drawing:



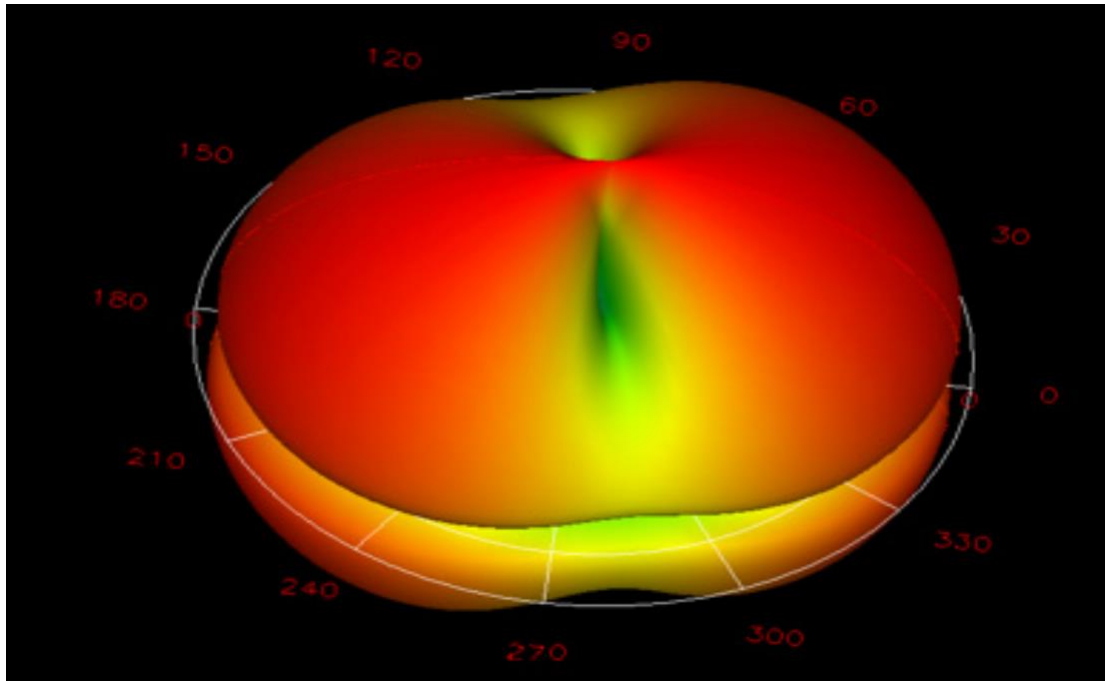
Picture of Antenna

## 3. Antenna Radiation Pattern

Radiation pattern @2402MHz

Total Average Gain: -0.41 dBi

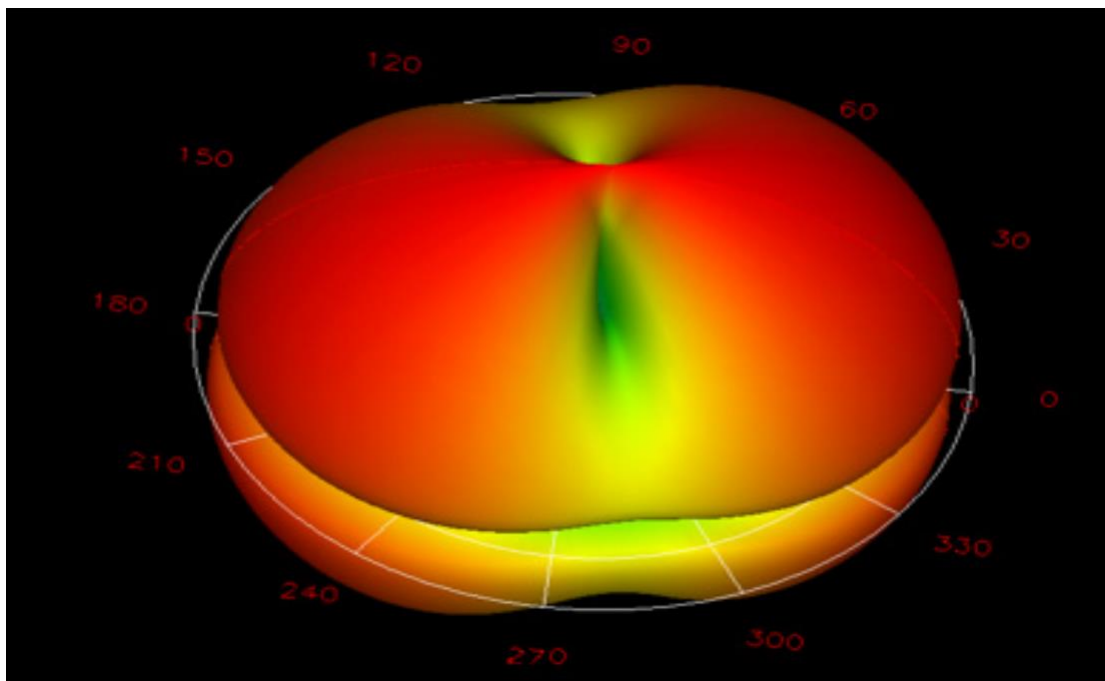
| Phi  | 0°   | 45°  | 90°  | 135° | 180° | 235° | 270° | 315° |
|------|------|------|------|------|------|------|------|------|
| Gain | -0.1 | -0.3 | -0.7 | -0.5 | -0.1 | -0.5 | -0.7 | -0.7 |



Radiation pattern @2440MHz

Total Average Gain: -0.26 dBi

| Phi  | 0°   | 45°  | 90°  | 135° | 180° | 235° | 270° | 315° |
|------|------|------|------|------|------|------|------|------|
| Gain | 0.58 | -0.1 | -0.3 | -0.5 | -0.1 | -0.2 | -0.6 | -0.3 |



Radiation pattern @2480MHz

Total Average Gain: -0.22 dBi

| Phi  | 0° | 45°  | 90°  | 135° | 180° | 235° | 270° | 315° |
|------|----|------|------|------|------|------|------|------|
| Gain | 0  | -0.1 | -0.2 | -0.5 | 0    | -0.3 | -0.5 | -0.2 |

