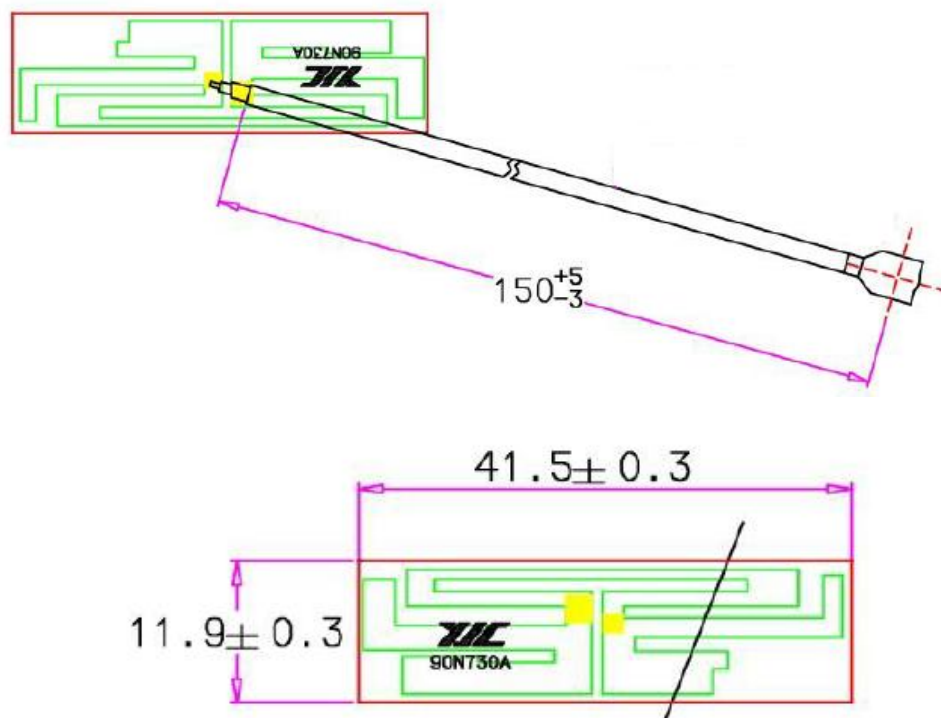


## Antenna Specification

### 1. Antenna Describe

|                      |                                                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Antenna Manufacturer | SHENZHEN YINGJIACHUANG ELECTRONIC TECHNOLOGY CO., LTD.                                                                    |
| Antenna Address      | Building A.C., Hongyu Guangming Valley, No. 11, Jiangshiomagang, Shiwei Community, Matanban, Guangming District, Shenzhen |
| Antenna Model        | YJC-6N150-B45                                                                                                             |
| Antenna Type         | FPC Antenna                                                                                                               |
| Antenna Gain         | 3.89dBi Max(2.4G), 3.90dBi Max(5G)                                                                                        |
| Frequency Rang       | 2400-2500MHz, 5150-5850MHz                                                                                                |
| VSWR                 | <1.92                                                                                                                     |
| Input Impedance      | 50 $\Omega$                                                                                                               |
| Direction            | All                                                                                                                       |
| Input connector      | XD                                                                                                                        |
| Wire Length          | 150mm                                                                                                                     |

### 2. External View Drawing



### 3. Measurement Result

#### 3.1 Antenna performance test diagram

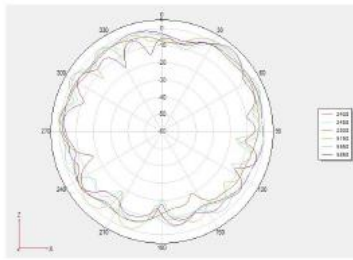


#### 3.2 Antenna test data

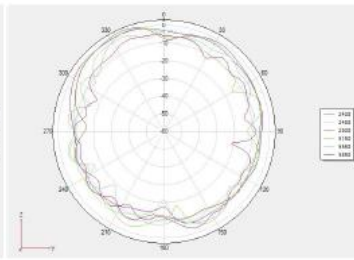
| Frequency (MHz) | Efficiency (%) | Gain (dBi) |
|-----------------|----------------|------------|
| 2400            | 62.81          | 3.06       |
| 2410            | 65.01          | 3.48       |
| 2420            | 67.14          | 2.91       |
| 2430            | 67.45          | 3.47       |
| 2440            | 61.80          | 2.70       |
| 2450            | 65.77          | 3.23       |
| 2460            | 62.09          | 2.73       |
| 2470            | 58.08          | 3.23       |
| 2480            | 57.28          | 3.10       |
| 2490            | 56.62          | 3.89       |
| 2500            | 56.10          | 3.89       |
| 5150            | 40.83          | 3.04       |
| 5250            | 42.46          | 3.25       |
| 5350            | 41.88          | 3.32       |
| 5450            | 39.63          | 2.55       |
| 5550            | 41.59          | 2.58       |
| 5650            | 41.88          | 2.99       |
| 5750            | 48.08          | 3.90       |
| 5850            | 49.66          | 3.19       |

### 3.3 Antenna test diagram

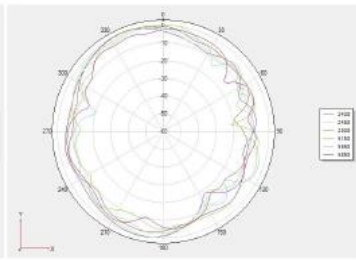
Phi 0 2D



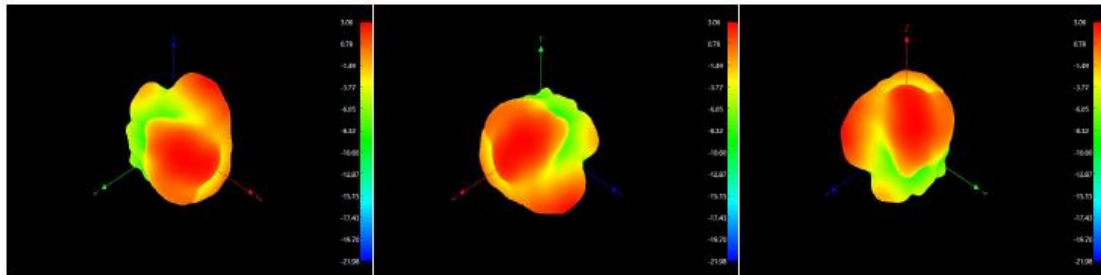
Phi 90 2D



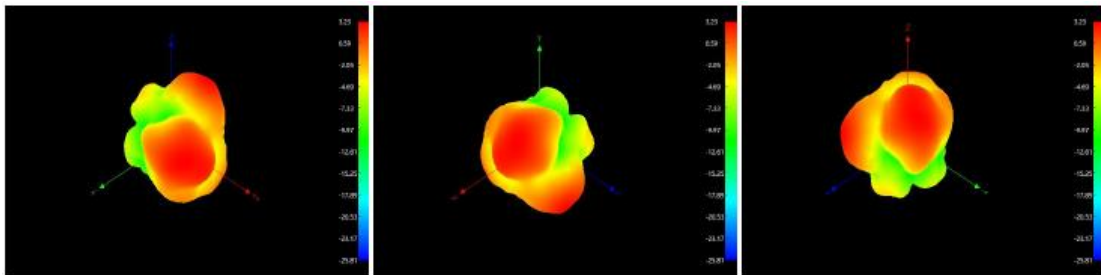
Theta 90 2D



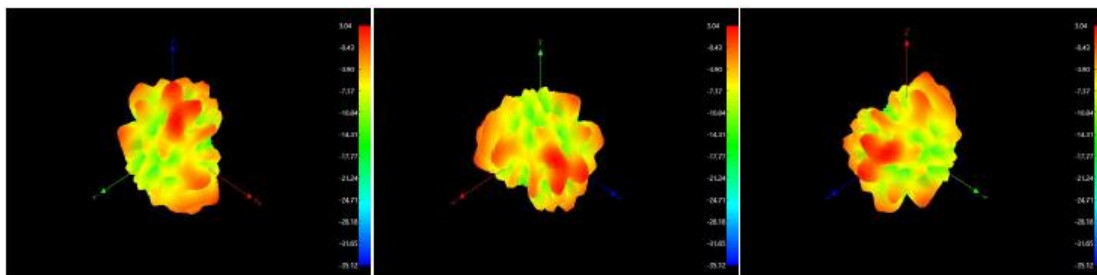
3D 2400



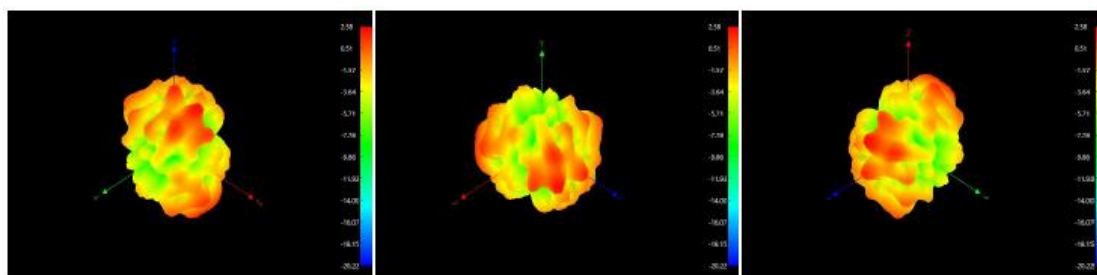
3D 2450



3D 5150



3D 5550



3D 5850

