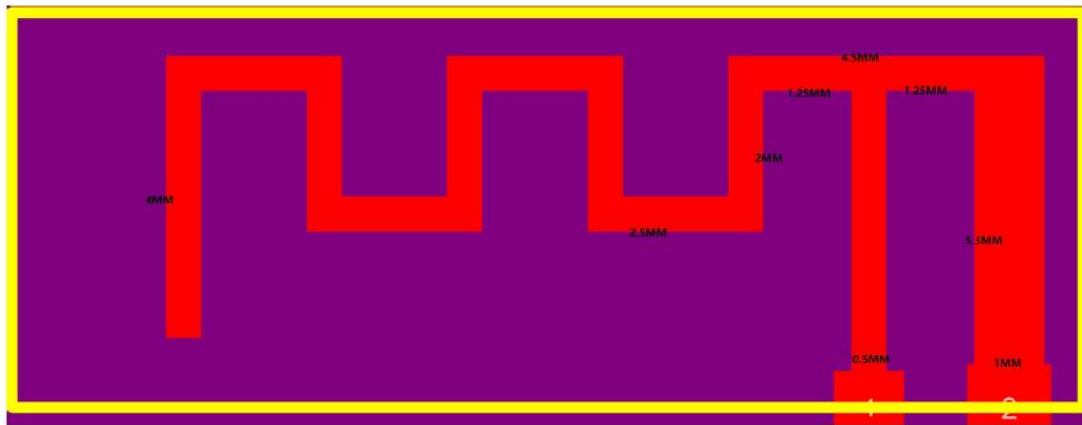


# Antenna spec

## 1.Antenna Description:

|                 |                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------|
| Antenna type    | PCB Antenna                                                                                                       |
| Model           | Z2672-A                                                                                                           |
| Frequency range | 2400MHz~2450MHz                                                                                                   |
| Manufacturer    | Shenzhen Feiyuxin Co., LTD                                                                                        |
| Address         | No. 76, Baotong South Road, Xikeng Community, Henggang Town, Longgang District, Shenzhen City, Guangdong Province |

## 2. Antenna Photo:

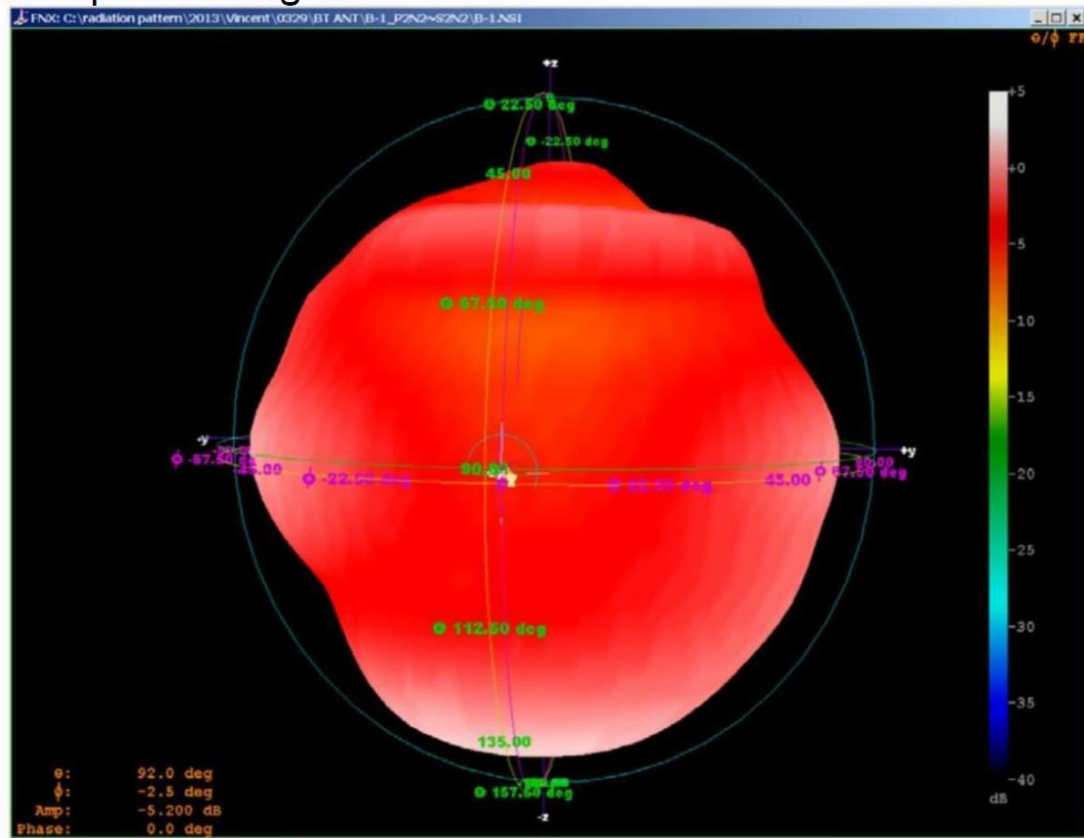


## 3. Antenna Efficiency and Gain:

| Frequency(MHz) | Efficiency (dBi) | Gain (dBi) | Efficiency (%) |
|----------------|------------------|------------|----------------|
| 2400           | -3.95            | 1.11       | 49.84%         |
| 2410           | -4.03            | 1.21       | 44.59%         |
| 2420           | -3.89            | 1.05       | 46.44%         |
| 2430           | -3.72            | 1.15       | 42.39%         |
| 2440           | -4.16            | 1.46       | 55.73%         |
| 2450           | -4.10            | 1.70       | 63.62%         |
| 2460           | -3.98            | 1.48       | 40.22%         |
| 2470           | -4.05            | 0.65       | 41.07%         |
| 2480           | -3.86            | 0.63       | 63.51%         |
| 2490           | -4.12            | 1.10       | 57.90%         |
| 2500           | -3.57            | 1.30       | 42.68%         |

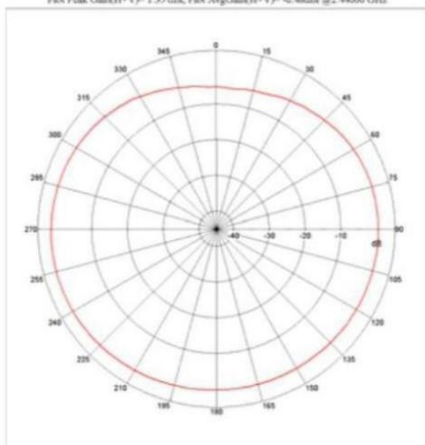
## Radiation Pattern

### 3D radiation pattern diagram



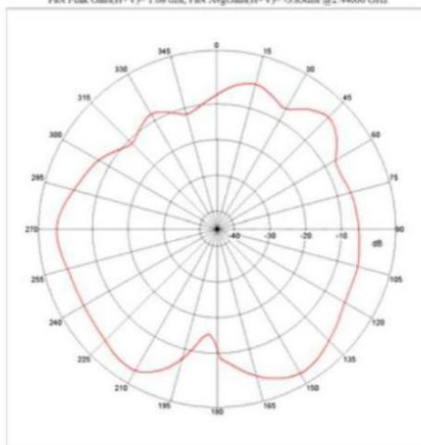
### XY-plane

Far-field Power Distribution(H+V) on X-Y Plane  
Plot Peak Gain(H+V)= 1.35 dB, Plot AvgGain(H+V)= -0.46dB @2.44000 GHz



### XZ-plane

Far-field Power Distribution(H+V) on X-Z Plane  
Plot Peak Gain(H+V)= 1.68 dB, Plot AvgGain(H+V)= -3.83dB @2.44000 GHz



### YZ-plane

Far-field Power Distribution(H+V) on Y-Z Plane  
Plot Peak Gain(H+V)= 1.11 dB, Plot AvgGain(H+V)= -2.99dB @2.44000 GHz

