

## 2.4 GHz MIFA Antenna specification

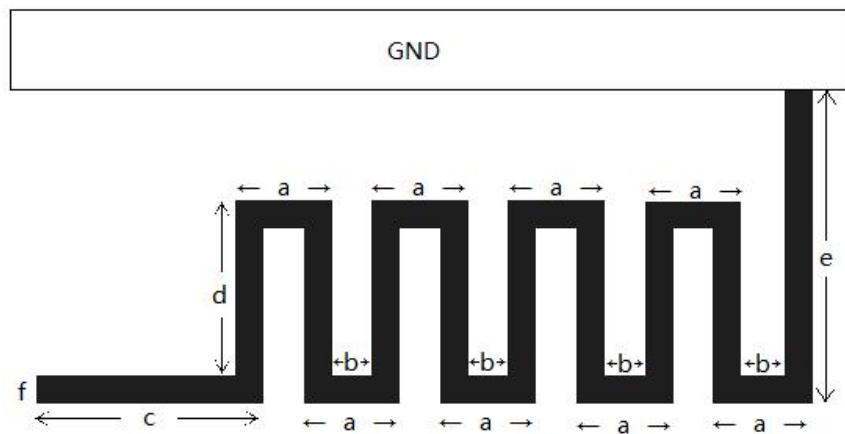
1. Type of antenna: On-board antenna MIFA

2. Frequency: 2.4GHz

3. Design by: Zizai Technology

Company Address: Room 1105, Building 1, No. 17 Cangjingtuan Hutong, Dongcheng District, Beijing

4. Dimensions:

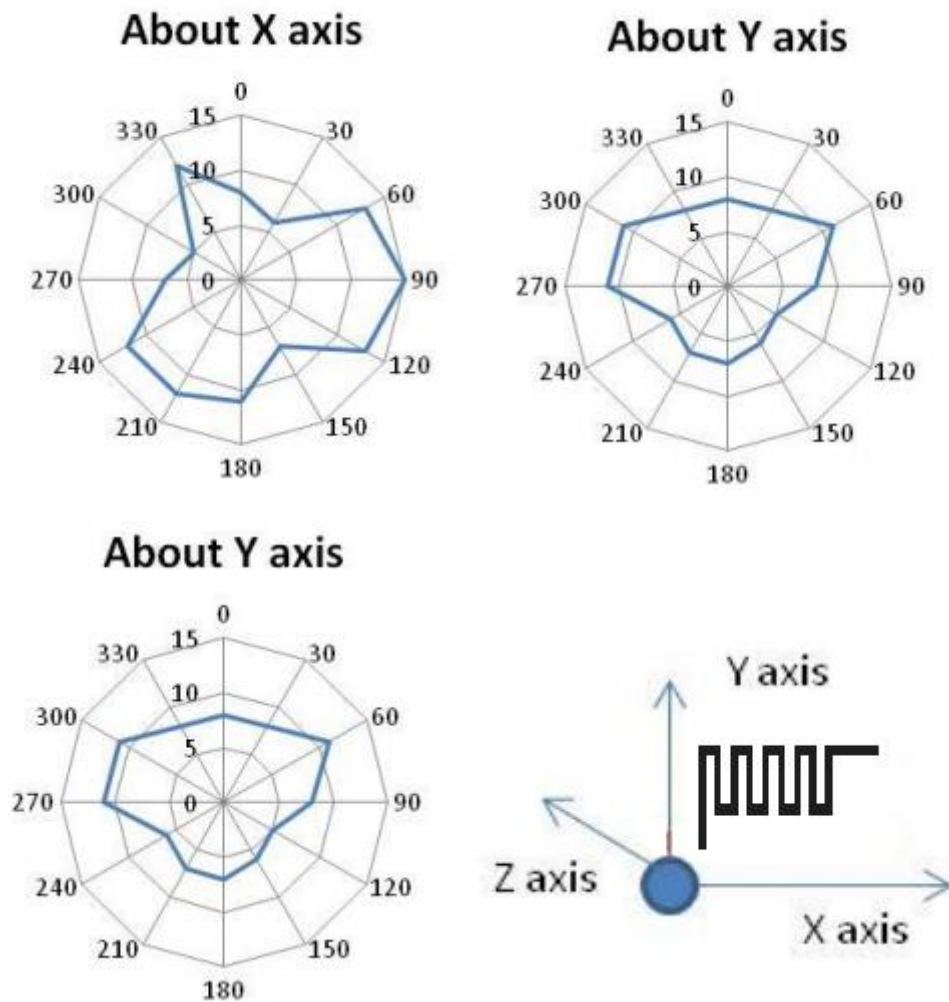


|   |       |
|---|-------|
| a | 1.4mm |
| b | 0.6mm |
| c | 3.3mm |
| d | 2.6mm |
| e | 4.6mm |
| f | 0.4mm |

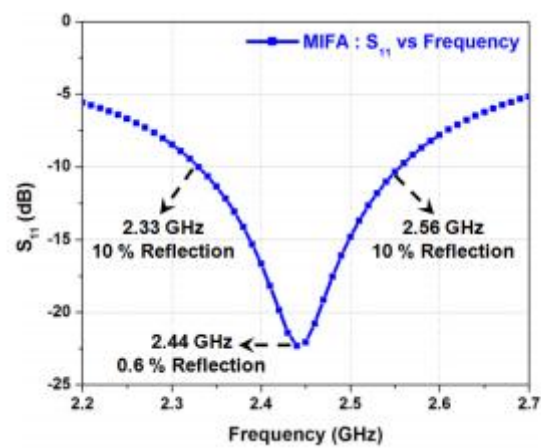
5. 3 d figure



## 6. Radiation gain diagram



## 7. S11 figure



## 8. Gain and Efficiency

| Frequency (MHz) | Efficiency (%) | Gain(dBi) |
|-----------------|----------------|-----------|
| 2400            | 32.32%         | 2.18      |
| 2410            | 32.12%         | 2.15      |
| 2420            | 32.86%         | 2.2       |
| 2430            | 32.74%         | 2.03      |
| 2440            | 32.63%         | 2.05      |
| 2450            | 31.20%         | 2.01      |
| 2460            | 30.76%         | 2.04      |
| 2470            | 30.59%         | 1.97      |
| 2480            | 31.02%         | 1.93      |
| 2490            | 30.53%         | 1.79      |
| 2500            | 30.62%         | 1.28      |