

# Antenna Specifications

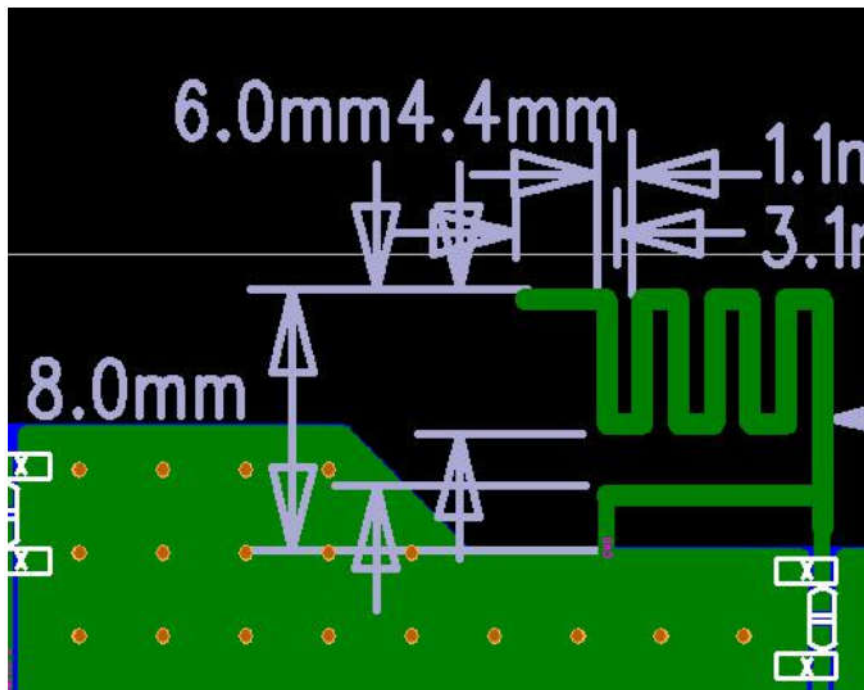
|                       |                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------|
| Frequency Range -Mhz  | 2402Mhz – 2480Mhz                                                                     |
| Input Impedance (ohm) | 50                                                                                    |
| V.S.W.R               | <1.5                                                                                  |
| Gain -db              | 2db                                                                                   |
| Pattern               | To all                                                                                |
| crystal               | 24M                                                                                   |
| Manufacturer          | SHENZHEN HAIJIXING TECHNOLOGY CO., LTD                                                |
| Address               | 2/F, No. 97 of Tianwan Road, Tianliao Community, Guangming New District, Shenzhen, CN |

## Mechanical Specifications

**Antenna gain: 2db**

Antenna: PCB Layout

Length: 30mm



Antenna shape

## Appendix C Gain and Efficiency

| Frequency (MHz) | Efficiency(%) | Gain (dBi) |
|-----------------|---------------|------------|
| 2400            | 32.36%        | 1.11       |
| 2410            | 32.3%         | 1.18       |
| 2420            | 32.1%         | 1.21       |
| 2430            | 32.4%         | 1.06       |
| 2440            | 32.9%         | 2.00       |
| 2450            | 30.9%         | 1.91       |
| 2460            | 30.8%         | 1.04       |
| 2470            | 30.7%         | 1.09       |
| 2480            | 31.6%         | 1.98       |
| 2490            | 30.6%         | 1.91       |
| 2500            | 30.5%         | 1.03       |

