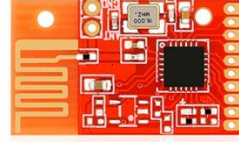


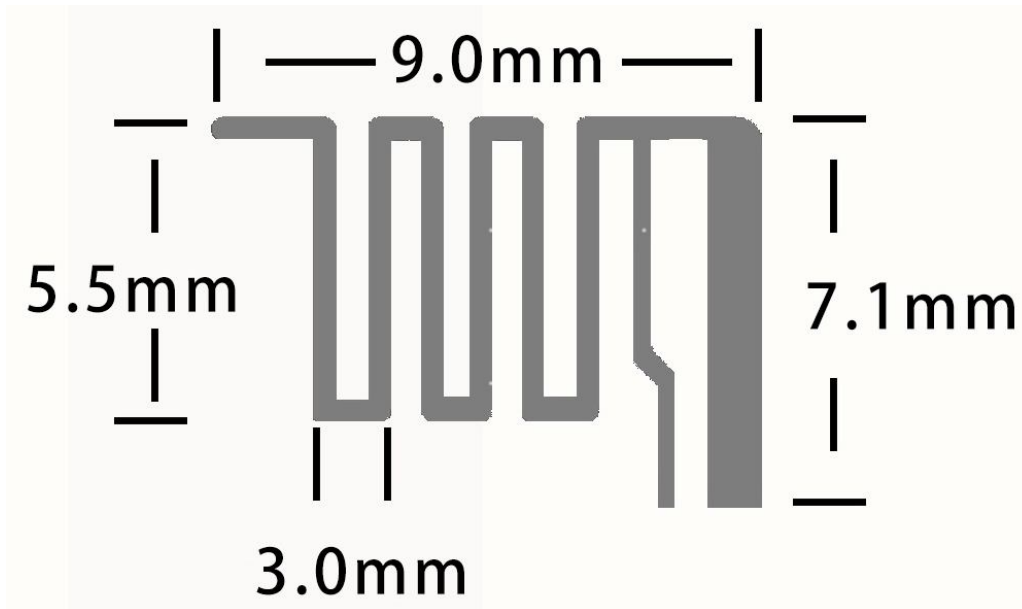
# LC12S/L24YK wireless module antenna specification



## I. Overview

These two wireless modules operate in the 2.4Ghz band and can be self-adjusted from 2400Mhz to 2480Mhz, and FCC/CE certification bodies typically test the frequency bias, power, harmonics, etc. of wireless module signals, requiring testing of low, medium and high frequencies (e.g. 2402Mhz, 2442MHz, 2480Mhz), follow this guide.

## 2. Antenna



| Frequency MHz | Antenna gain dBi |  |
|---------------|------------------|--|
| 2400          | 0.31             |  |
| 2410          | 0.57             |  |
| 2420          | 0.75             |  |
| 2430          | 1.01             |  |
| 2440          | 0.99             |  |
| 2450          | 0.88             |  |
| 2460          | 0.9              |  |
| 2470          | 1.0              |  |
| 2480          | 1.3              |  |
| 2490          | 1.69             |  |
| 2500          | 2.0              |  |

### 3. Antenna radiation pattern

