

Antenna specification

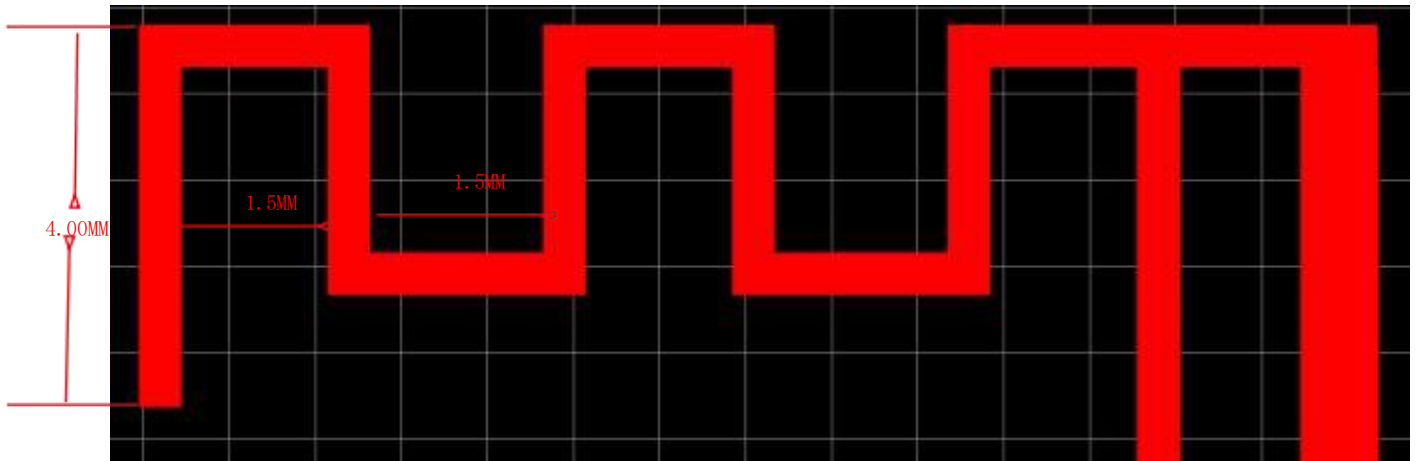
1 、 Antenna introduction

The WiFi module antenna is directly used on the PCB.

Manufacturer: Shenzhen xlw technology

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2 、 Antenna shape



3 、 Antenna parameter

The WiFi antenna operates at 2402-2480 MHz and generates resonance in this band. The table below shows the main parameters of the antenna.

Frequency (MHz)	2412 ~ 2484 MHz
VSWR	≤ 2
Impedance	50 Ohm Nominal
Gain (Peak)	0 dBi
Antenna Type	PCB antenna

4 、 Antenna test data

Antenna Gain

Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	0	-0.5	0.18	-3.6	-0.11	-3.0	56.2%

