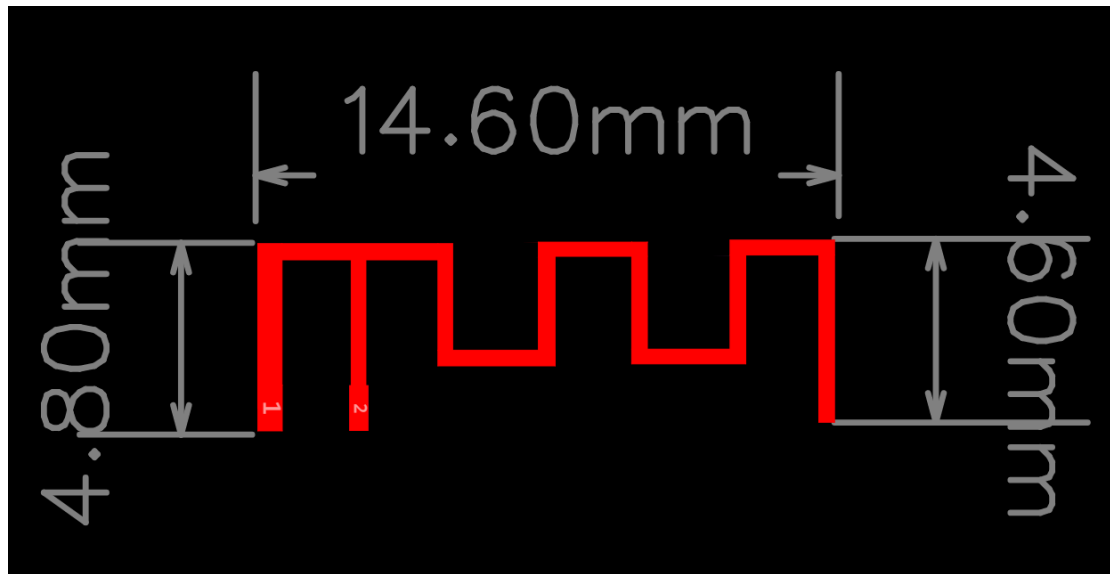


Antenna specification

1 Antenna introduction

The module antenna is directly used on the PCB.

2 Antenna shape



3 Antenna parameter

The antenna operates at 2400-2500 MHz and generates resonance in this band. The table below shows the main parameters of the antenna.

Frequency(MHz)	2400 ~ 2500 MHz
VSWR	≤ 2.0
Impedance	50 Ohm
Return Loss	-15 dB Max
Radiation	Omni-directional2
Gain (Peak)	2.05dBi
Admitted Power	1MW

4 Antenna gain Data

Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-4.04	39.41	0.61
2410	-3.96	40.16	2.01
2420	-3.87	41.02	2.01
2430	-3.85	41.23	2.05
2440	-3.86	41.07	1.57
2450	-3.9	40.77	1.10
2460	-3.99	39.95	1.14
2470	-4.13	38.64	1.04
2480	-4.28	37.3	-0.27
2490	-4.43	36.04	-0.543
2500	-4.62	34.5	-0.73

