

# Antenna Report

Model: On-board antenna of circuit board

Applicant: Shenzhen Zeming Technology Co., Ltd.

authorized strength: \_\_\_\_\_ date: \_\_\_\_\_

audit: \_\_\_\_\_ date: \_\_\_\_\_

approve: \_\_\_\_\_ date: \_\_\_\_\_

### 1 Internal materials of the antenna

Main material	Range of application	Note
Thickness of copper sheet	12m	Environmental protection

### 2 Properties of products

#### Specifications and Dimensions

Name	Range of application	Antenna Specifications	Antenna color	Appearance
PCB ANT	The wires on the circuit board	Refer to the PCB antenna specification diagram.	----	The surface has no defects such as damage, scratches or oil stains.

### 3 Antenna performance

Antenna frequency range: 2.4GMz - 2.5GMz

Radiation: Omnidirectional

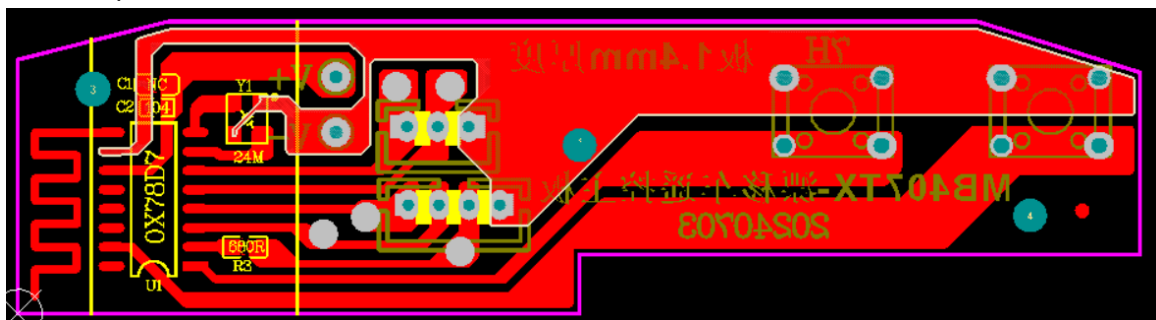
Return loss: <-10dBi

Impedance: <10m

Antenna gain: 2dBi

Plume: linear

#### Antenna pattern:



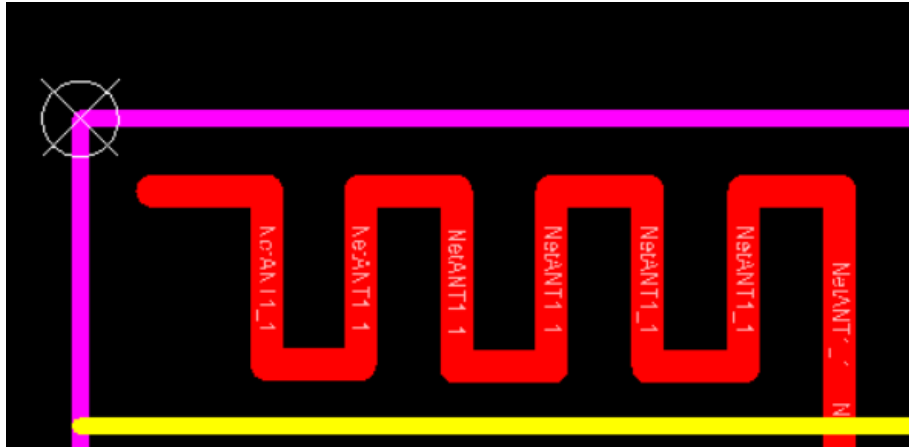
This PCB antenna specification drawing and its parameters:

A:length 3.60mm, width 0.91mm

B:length 4.48mm, distance between A and B is 1 millimeter.

C:length 3.04mm, width 0.3mm; distance between B and C is 0.3mm, and the other distances are 0.3mm.

D:length 1.39mm, width 0.3mm.



回损曲线

