

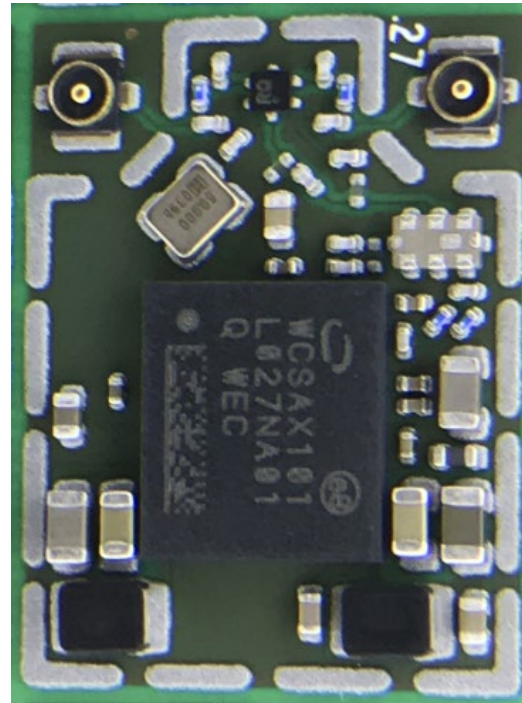
# Intel® Wi-Fi 6 AX101

Model: AX101D2W

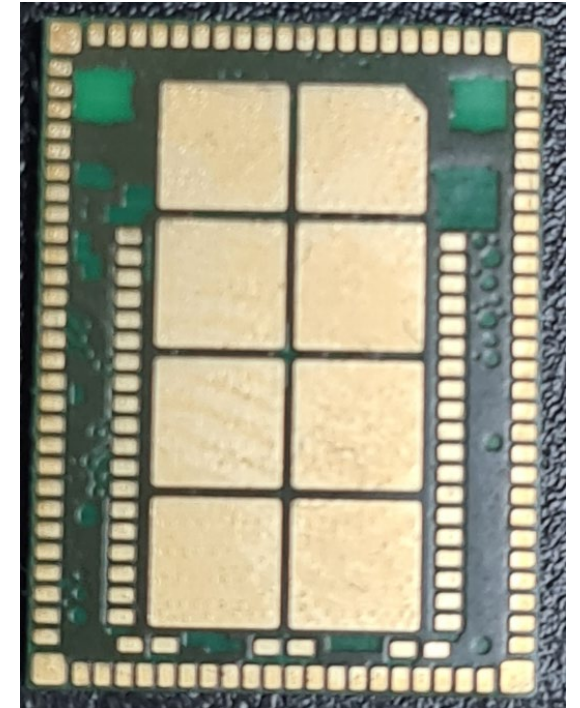
Front Side



without Shield

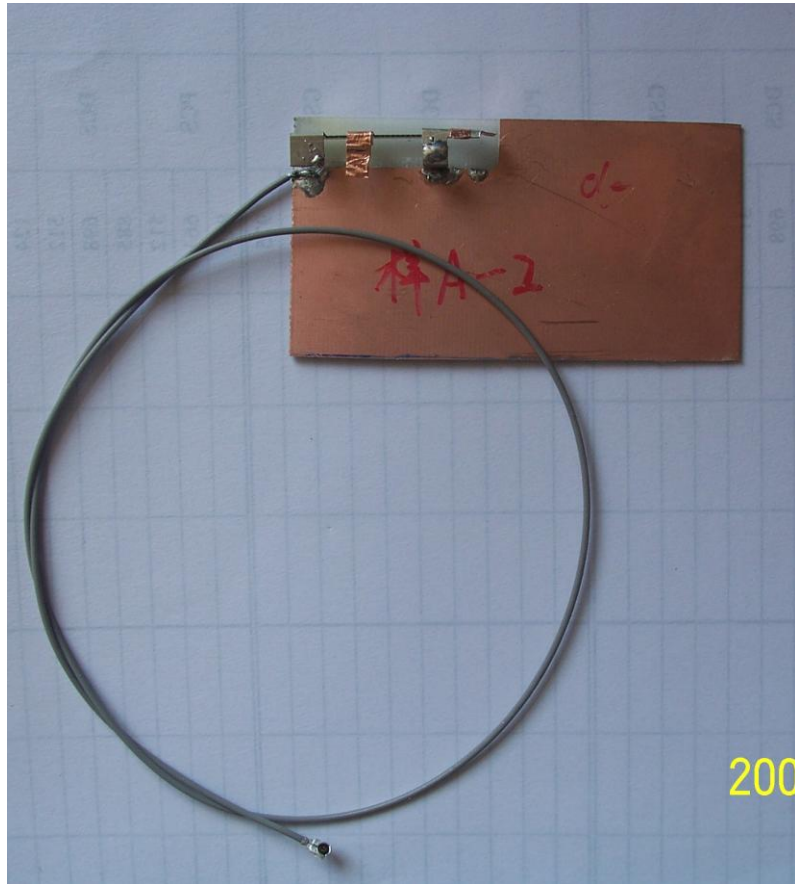


Back Side



## 1 Summary of the Test results

The test fixture was made for further testing, which was shown below.



## 2. Test Result

### 2.1 RF Performance

#### 2.1.1 S11 Measurement

The S11 parameter was performed using a Hewlett Packard E5071B Network Analyzer. We use a 45cm long 1.13 cable to mitigate surface currents on the outside of the testing cable.

We used no matching circuit .

The S11 parameter was shown below, you could check it.

| SUC ANT S11 parameter Summary |                                 |        |       |       |       |        |
|-------------------------------|---------------------------------|--------|-------|-------|-------|--------|
| Band                          | 2.3 ~2.7&3.3~3.8&5.15~5.85(GHz) |        |       |       |       |        |
|                               | 2.3                             | 2.7    | 3.3   | 3.8   | 5.15  | 5.85   |
| R.L (dB)                      | -16.59                          | -11.22 | -8.87 | -8.96 | -8.46 | -10.04 |
| VSWR                          | 1.35                            | 1.76   | 2.13  | 2.11  | 2.22  | 1.92   |

You could also check in detail in below figures.

**S11 parameter of sample antenna tested in free space**