

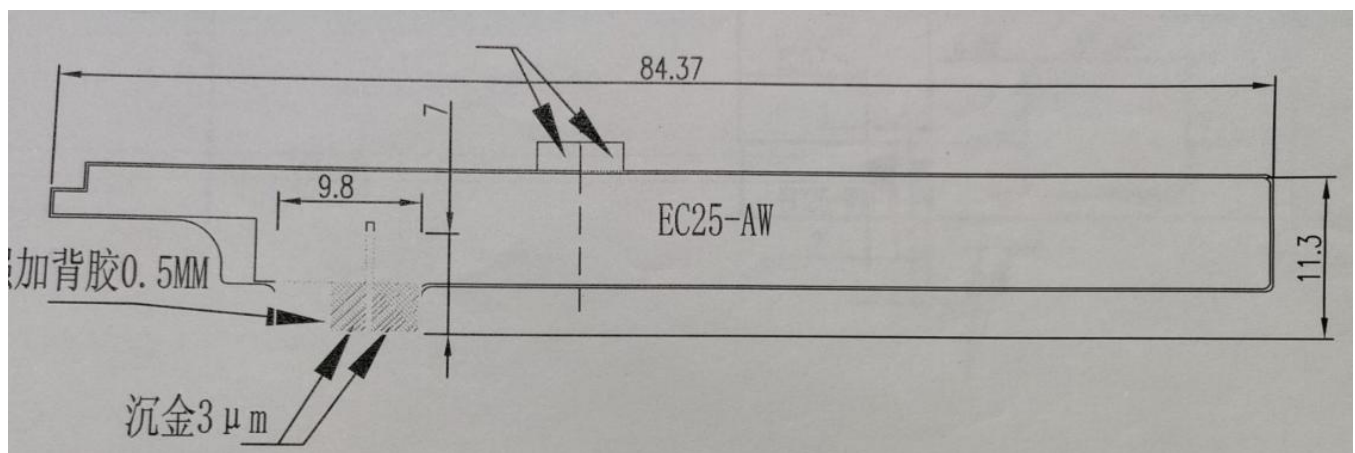
## WIFI Antenna Test Report

Antenna model: AW006-021-A0

Antenna Type: passive antenna

Manufacturer: Welletronics Communication Technology

### 1 Antenna Dimension:



### 2 WIFI Antenna Efficiency Test

| frequency<br>频率<br>(MHz) | gain<br>增益(dB) | mingain<br>最小增益<br>(dB) | efficiency<br>效率(dB) | efficiency<br>效率 |
|--------------------------|----------------|-------------------------|----------------------|------------------|
| 2400                     | 0.84           | -26.26                  | -4.81                | 33.04%           |
| 2410                     | 0.56           | -24.55                  | -5.03                | 31.43%           |
| 2420                     | 0.61           | -25.11                  | -5.01                | 31.55%           |
| 2430                     | 0.7            | -24.32                  | -4.98                | 31.77%           |
| 2440                     | 0.42           | -26.17                  | -5.29                | 29.61%           |
| 2450                     | 0.66           | -26.31                  | -4.98                | 31.79%           |
| 2460                     | 0.54           | -28.13                  | -5.04                | 31.35%           |
| 2470                     | 0.63           | -25.72                  | -4.89                | 32.41%           |
| 2480                     | 0.37           | -24.2                   | -5                   | 31.65%           |
| 2490                     | 0.48           | -22.29                  | -4.8                 | 33.13%           |
| 2500                     | -0.6           | -20.6                   | -5.96                | 25.33%           |
| 5100                     | 0.2            | -24.14                  | -6.21                | 23.91%           |
| 5200                     | -0.39          | -25.48                  | -6.39                | 20.62%           |
| 5300                     | -1.49          | -25.82                  | -7                   | 20.95%           |
| 5400                     | -2.91          | -24.76                  | -8.02                | 21.75%           |
| 5500                     | -3.9           | -23.96                  | -8.79                | 21.78%           |
| 5600                     | -3.79          | -22.17                  | -9.47                | 21.49%           |
| 5700                     | -2.81          | -28.36                  | -9.41                | 20.78%           |
| 5800                     | -1.32          | -21.98                  | -8.95                | 16.75%           |
| 5900                     | -1.27          | 20.33                   | -7.53                | 15.39%           |

