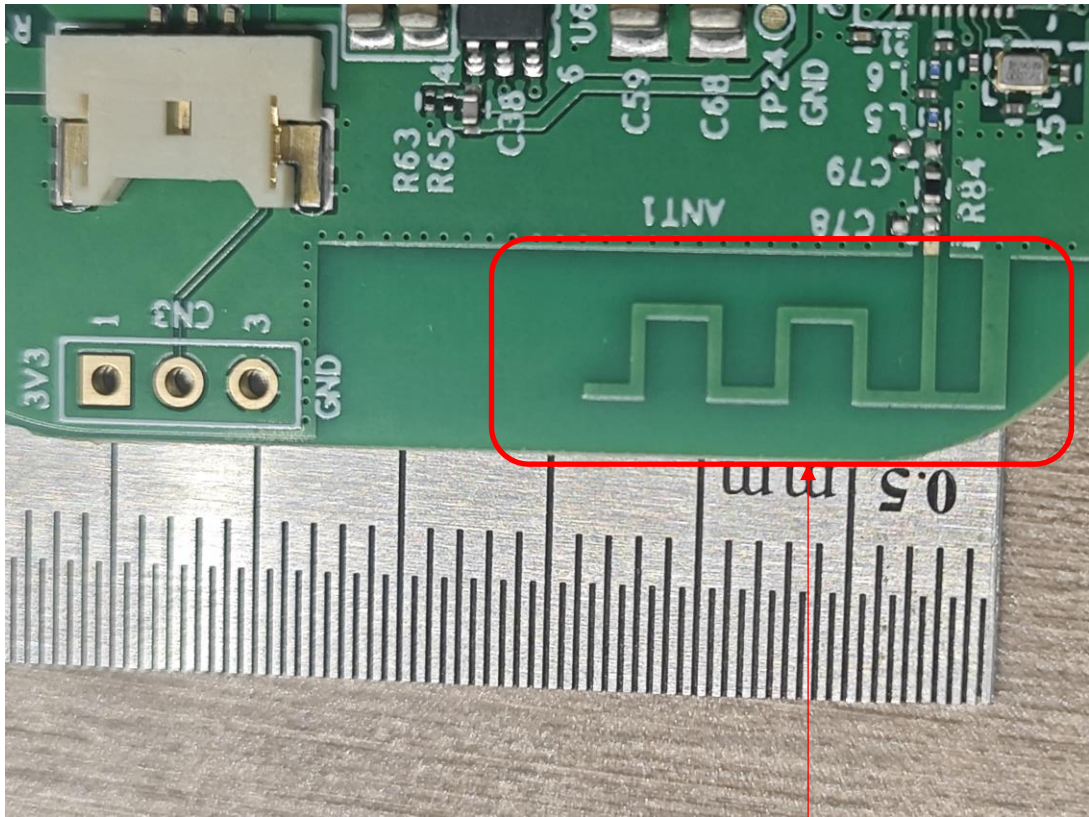


# BLE 2.4G test report

# Antenna Picture



Antenna area

# Antenna Efficiency

2.4G~2.5G

| Frequency (MHz) | gain (dB) | efficiency (%) |
|-----------------|-----------|----------------|
| 2400            | -4.5      | 35.4           |
| 2410            | -4.2      | 38.3           |
| 2420            | -3.9      | 40.9           |
| 2430            | -3.7      | 42.9           |
| 2440            | -3.5      | 44.6           |
| 2450            | -3.3      | 47.0           |
| 2460            | -3.3      | 46.9           |
| 2470            | -3.3      | 47.2           |
| 2480            | -3.5      | 45.1           |
| 2490            | -3.7      | 42.2           |
| 2500            | -4.0      | 39.9           |
| AVG             | -3.7      | 42.8           |

◆ The average efficiency of BLE 2.4G antenna is 42.8%

# Antenna Radiation pattern

2.45GHz

