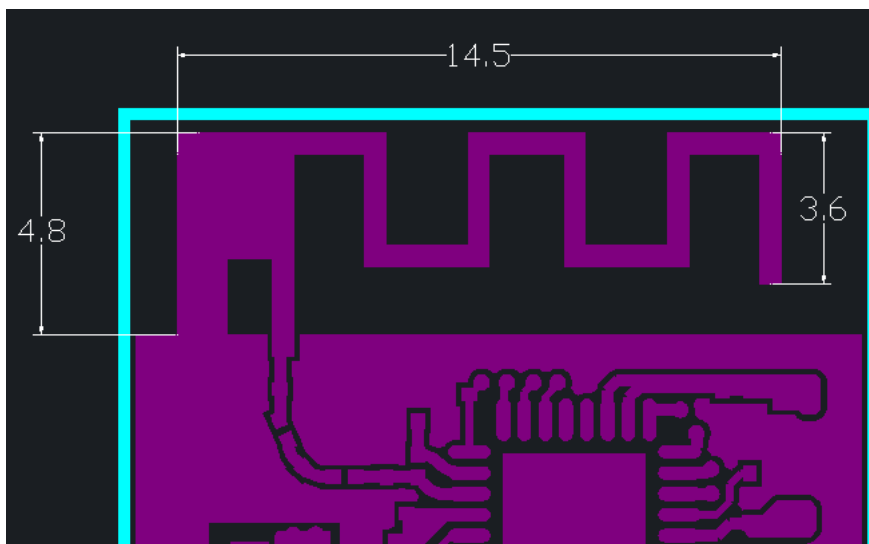


# Product specification

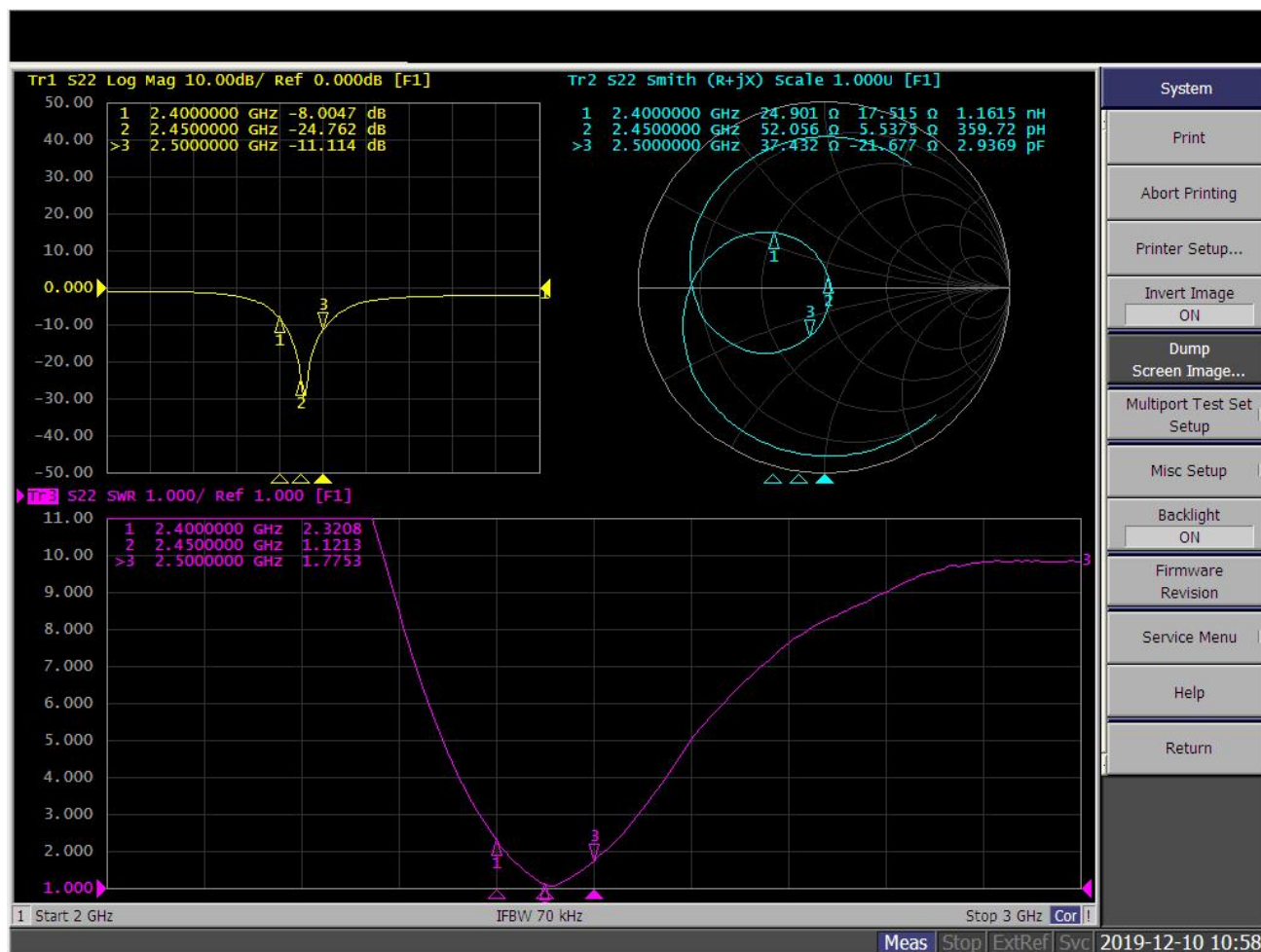
## 1. Dimensions



## 2. Performance parameter

|                           |                                         |
|---------------------------|-----------------------------------------|
| Name                      | <u>2.4G WLAN Antenna</u>                |
| Model Type                | PCB Antenna                             |
| Manufacturer              | Shenzhen Ai-Thinker Technology Co., Ltd |
| ELECTRICAL SPECTFICATIONS |                                         |
| Frenquency Range          | 2400-2500MHz                            |
| Band Width                | 100MHz                                  |
| Impedance                 | 50 $\Omega$                             |
| VSWR                      | < 2.4                                   |
| Max Gain                  | 1.74dBi                                 |
| Polarization              | Vertical/Horizontal                     |
| Radiation                 | Omnidirectional                         |
| Power                     | 50 W                                    |

### 3. VSWR

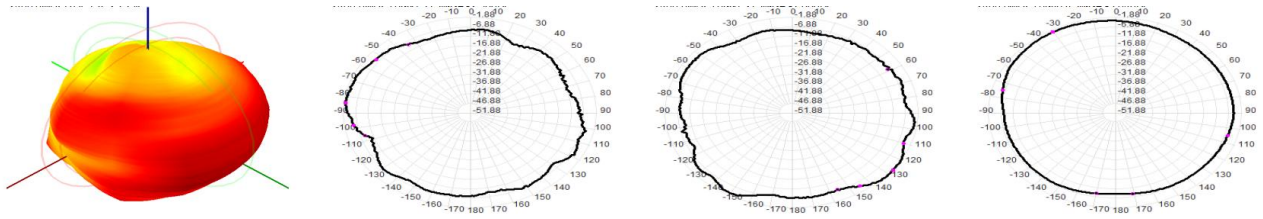


### 4. Passive test data:

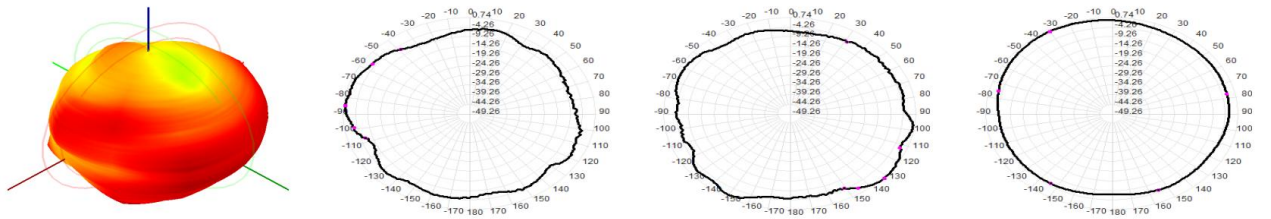
| Frequency (MHz) | 2400  | 2410  | 2420  | 2430  | 2440  | 2450  | 2460  | 2470  | 2480  | 2490  | 2500  |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Gain (dBi)      | -1.66 | -1.48 | -0.23 | 0.48  | 1.18  | 1.24  | 1.74  | 1.52  | 1.06  | 1.41  | 1.43  |
| Efficiency (%)  | 23.08 | 22.89 | 29.02 | 33.96 | 40.34 | 38.80 | 42.91 | 44.54 | 43.56 | 47.77 | 46.55 |

## 5. Radiation pattern

### (1) 2400MHz



### (2) 2450MHz



### (3) 2500MHz

