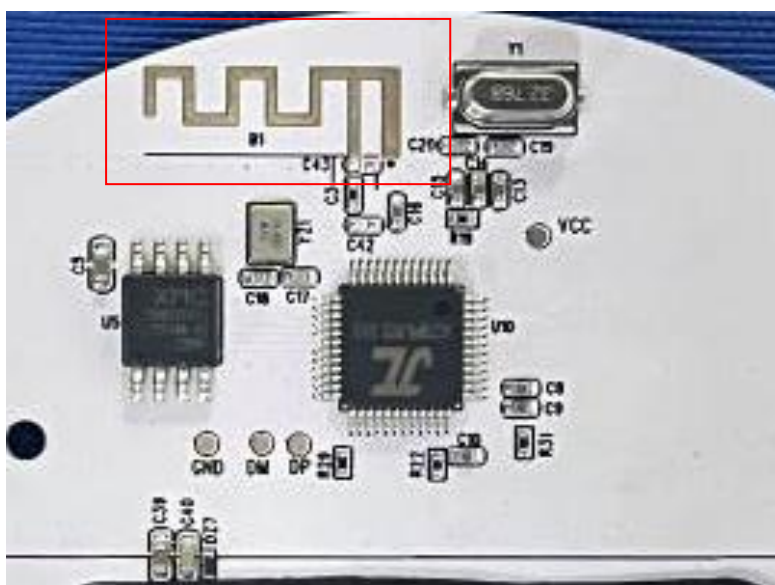


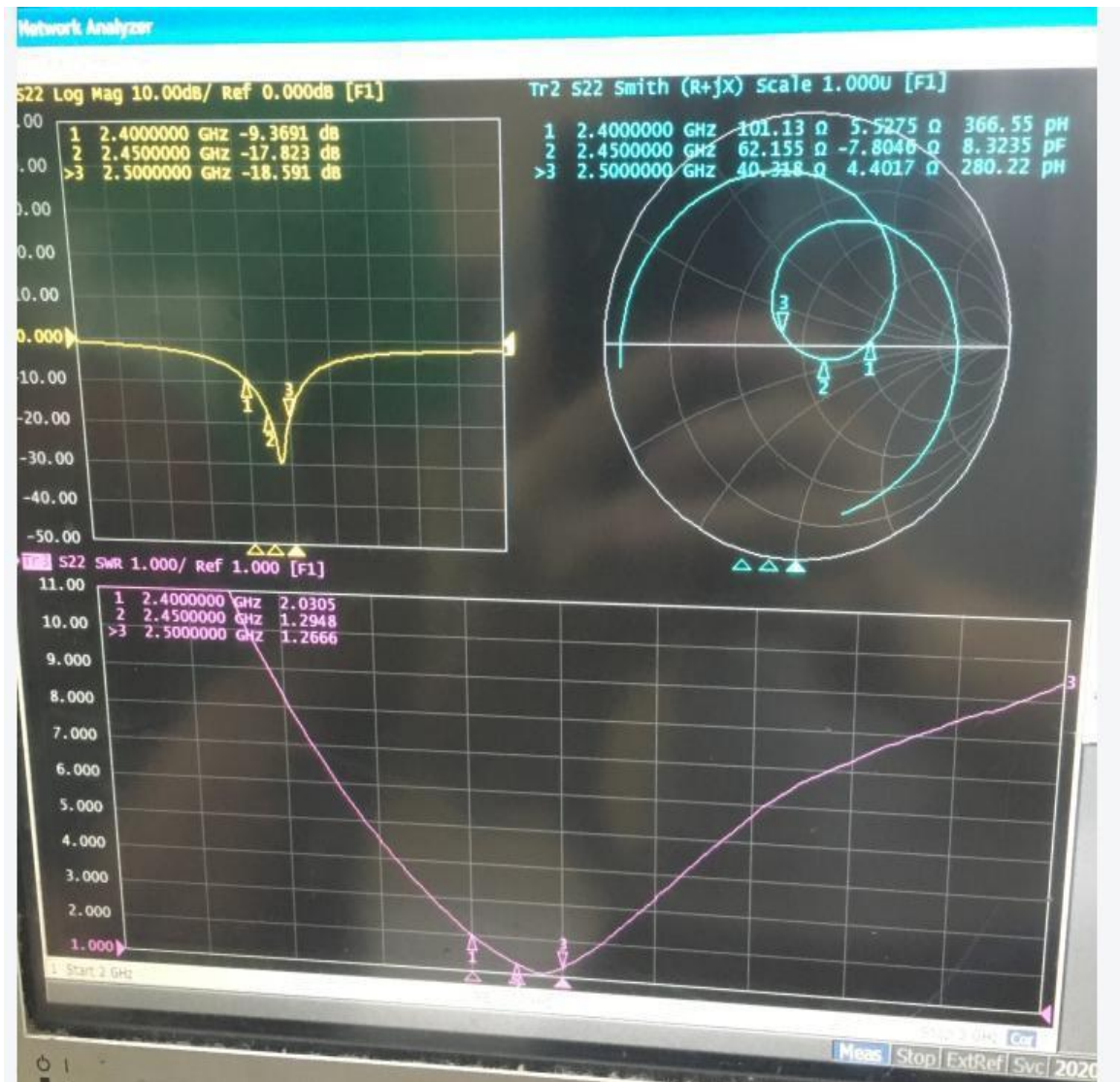
# Product specification

## 1、Performance parameter

|                           |                     |
|---------------------------|---------------------|
| Name                      | <u>2.4G Antenna</u> |
| Model Type                | PCB Print Antenna   |
| ELECTRICAL SPECIFICATIONS |                     |
| Frequency Range           | 2400-2500MHz        |
| Band Width                | 100MHz              |
| Impedance                 | 50Ω                 |
| VSWR                      | < 2.0               |
| Max Gain                  | 2.0dBi              |
| Polarization              | Vertical/Horizontal |
| Radiation                 | Omnidirectional     |
| Power                     | 50 W                |
| MECHANICAL SPECIFICATIONS |                     |
| Connector                 | Welding type        |
| Working Temperature       | -40°C - + 85°C      |
| Limit Temperature         | -40°C - + 125°C     |



## 2、VSWR

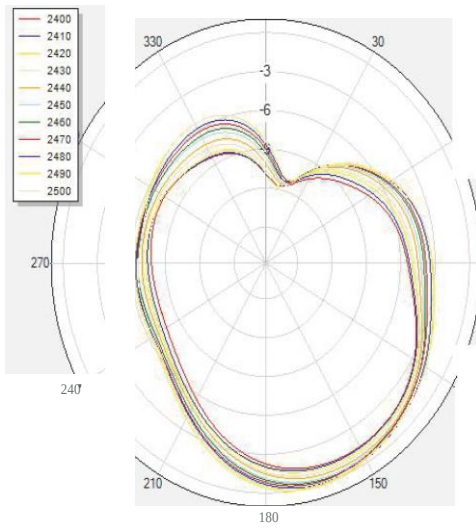


## 3、Passive test data:

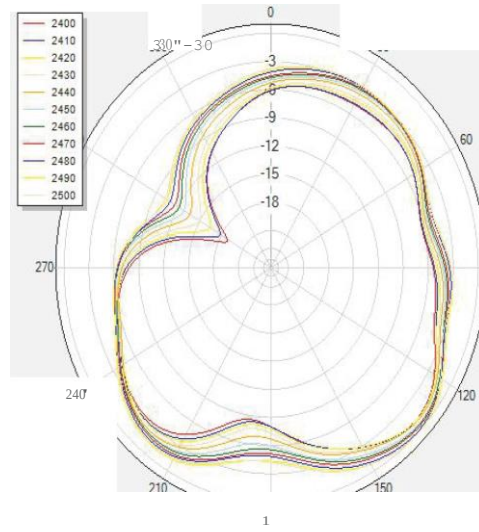
| Frequency (MHz) | 2400  | 2410  | 2420  | 2430  | 2440  | 2450  | 2460  | 2470  | 2480  | 2490  | 2500  |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Gain (dBi)      | 1.27  | 1.26  | 1.62  | 1.35  | 1.39  | 1.64  | 1.89  | 1.97  | 1.96  | 1.84  | 1.71  |
| Efficiency (%)  | 48.62 | 48.84 | 51.31 | 49.07 | 49.85 | 53.47 | 54.63 | 55.12 | 55.21 | 55.09 | 53.65 |

#### 4Radiation pattern

H Theta=90



V Phi=90



V Phi=0

