

## Product specification

|                      |                    |
|----------------------|--------------------|
| Customer name        |                    |
| Product name         | 2.4GHz PCB Antenna |
| Product item         |                    |
| Sample delivery date |                    |

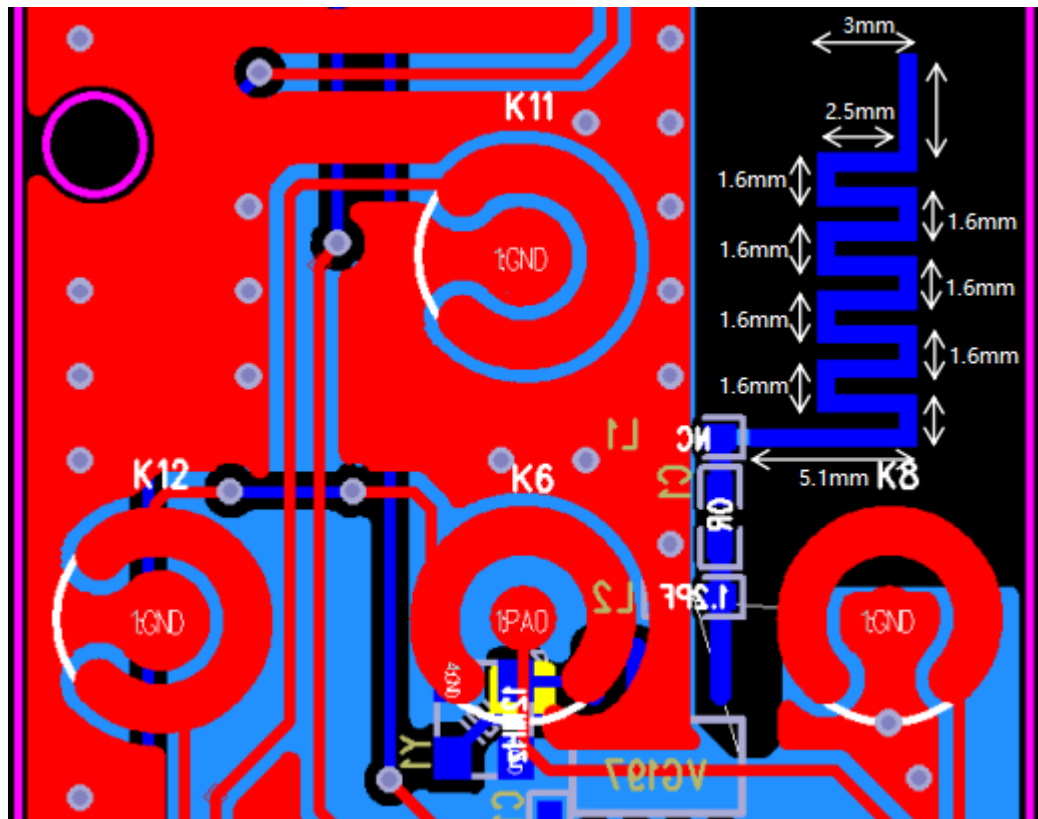
## Manufacturer Rexense

Antenna model Rex PCB\_14443

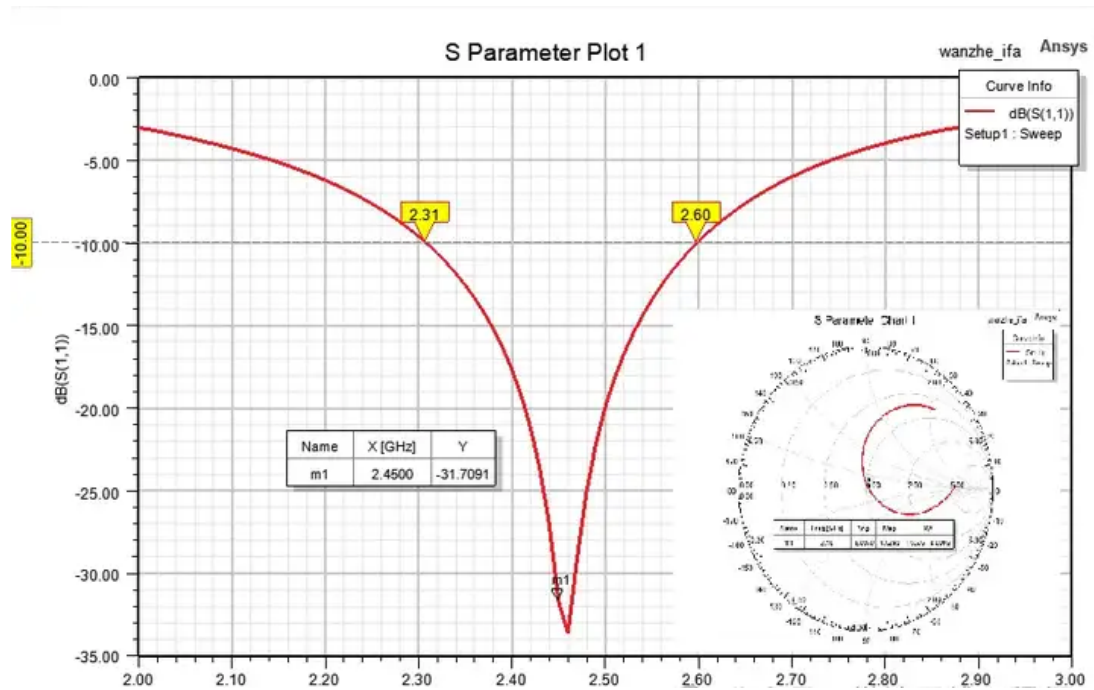
### 1. Technical indicators of products

|                                       |                 |
|---------------------------------------|-----------------|
| Frequency Range(GHz)                  | 2.31-2.60       |
| Band Width(GHz)                       | 0.29            |
| Impedance( $\Omega$ )                 | 50              |
| VSWR                                  | 1.91MAX         |
| Return Loss ( dB )                    | -15.6           |
| Peak Gain(dBi)                        | 1.78            |
| Polarization                          | Linear Vertical |
| Antenna Material                      | PCB             |
| Operating Temp ( $^{\circ}\text{C}$ ) | -30~70          |
| Storage Temp ( $^{\circ}\text{C}$ )   | -40~85          |

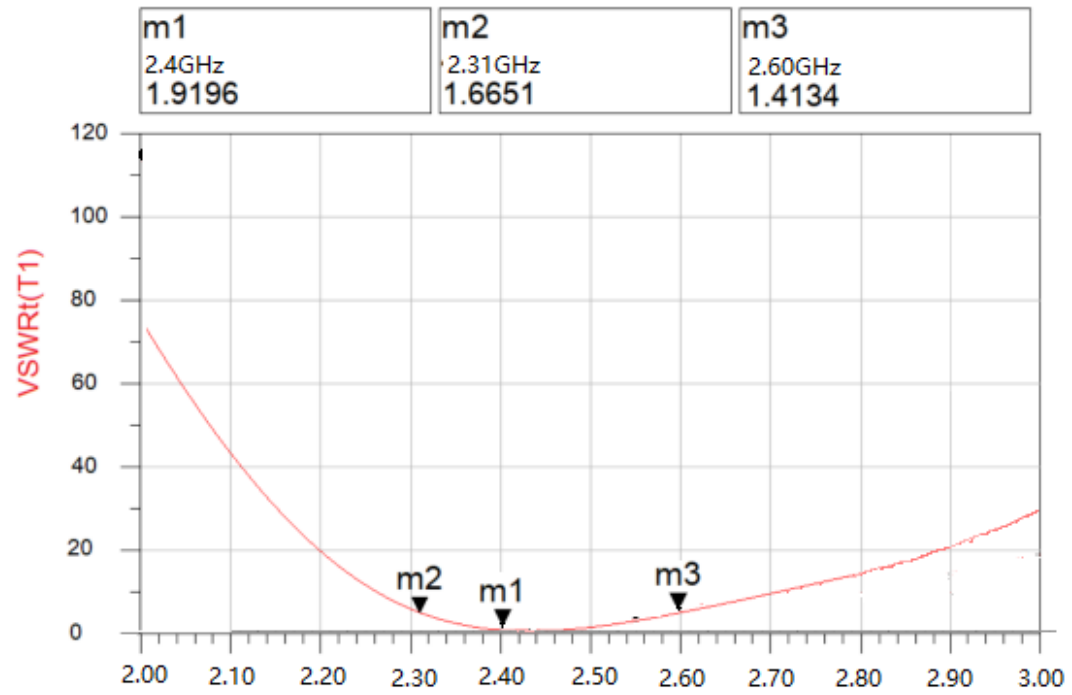
### 2. Product picture



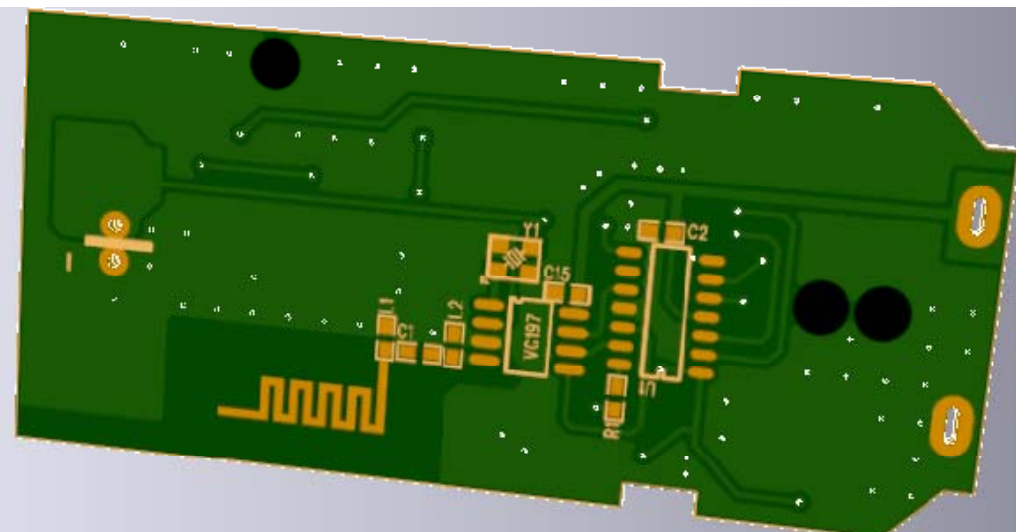
### 3. Return Loss



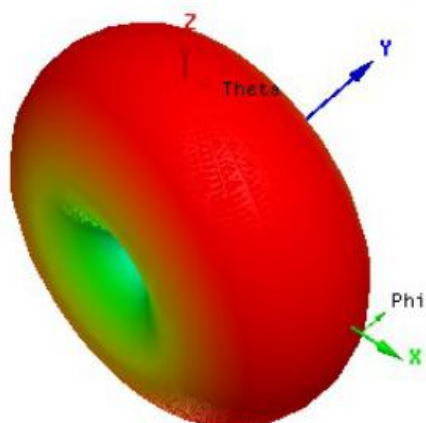
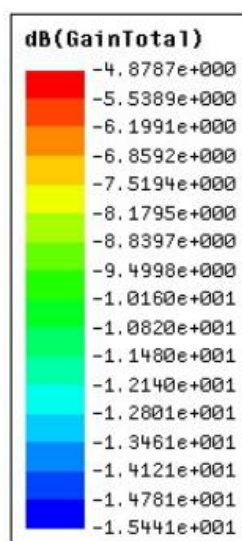
### 4. VSWR



## 5. Three-dimensional coordinates

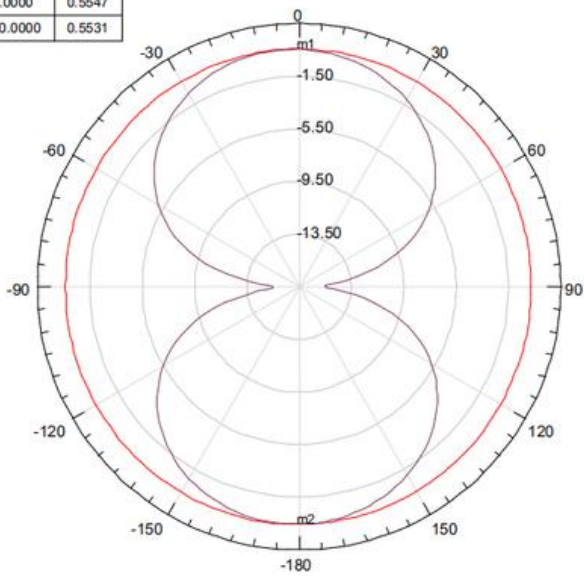


## 6. 3D gain pattern



7. E, h plan

| Name | Theta    | Ang      | Mag    |
|------|----------|----------|--------|
| m1   | 0.0000   | 0.0000   | 0.5547 |
| m2   | 180.0000 | 180.0000 | 0.5531 |



| Curve Info      |
|-----------------|
| dB(GainTotal)   |
| Setup1 : Sweep1 |
| Phi='0deg'      |
| dB(GainTotal)   |
| Setup1 : Sweep1 |
| Phi='90deg'     |