

## Product specification

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Customer name        | SHENZHEN MINGSHIDA COMMUNICATION TECHNOLOGY CO.,LTD<br>Building D, No. 4 Longshan Industrial Zone, Nanwan Street, Longgang<br>District, Shenzhen |
| Product name         | 433.92MHz PCB Antenn                                                                                                                             |
| Product item         |                                                                                                                                                  |
| Sample delivery date |                                                                                                                                                  |

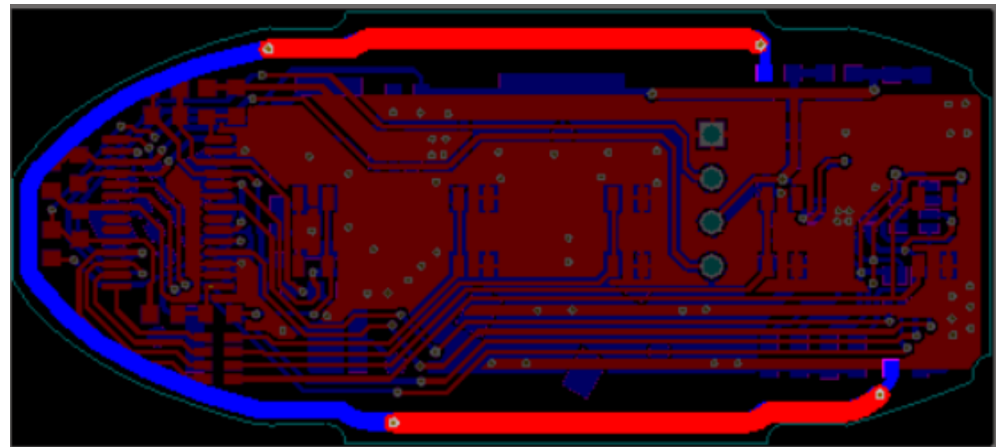
## Manufacturer Rexense

Antenna model Rex PCB\_VW-031

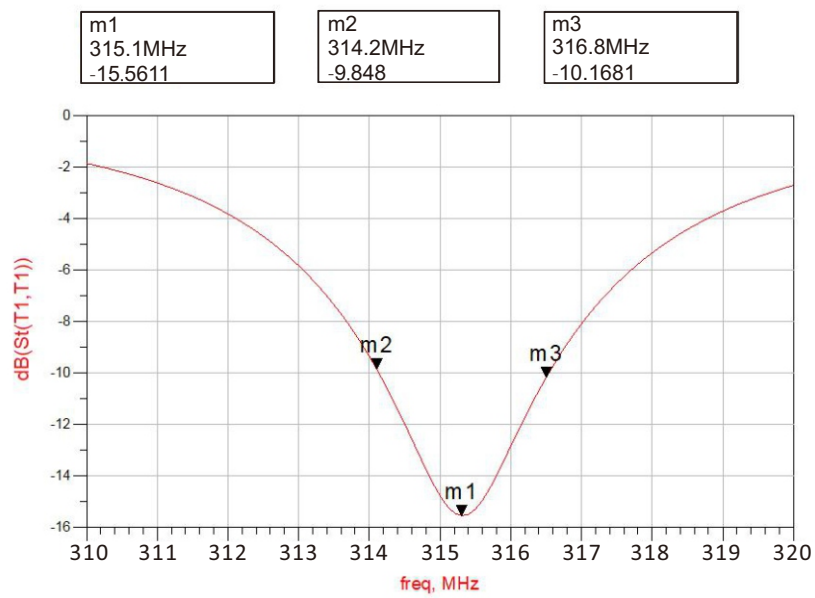
### 1. Technical indicators of products

|                                       |                 |
|---------------------------------------|-----------------|
| Frequency Range(MHz)                  | 433.92          |
| Band Width(MHz)                       | 5               |
| Impedance( $\Omega$ )                 | 50              |
| Return Loss ( dB )                    | -15.6           |
| Gain(dBi) MAX                         | 2dBi            |
| Polarization                          | Linear Vertical |
| Antenna Material                      | PCB             |
| Operating Temp ( $^{\circ}\text{C}$ ) | -30~70          |
| Storage Temp ( $^{\circ}\text{C}$ )   | -40~85          |

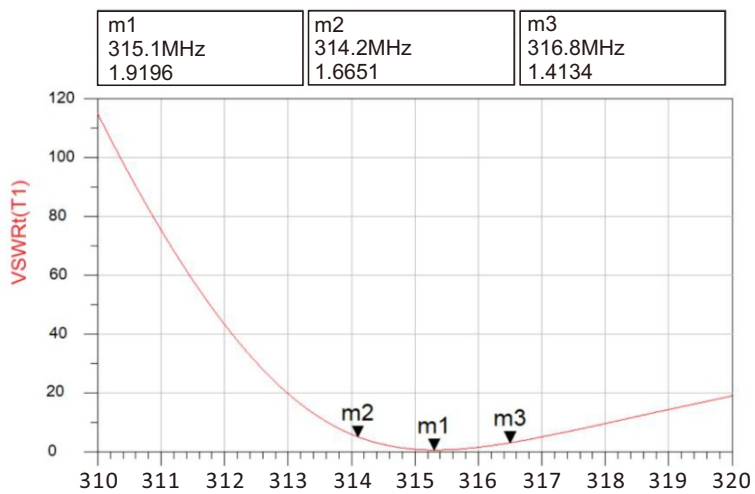
### 2. Product picture



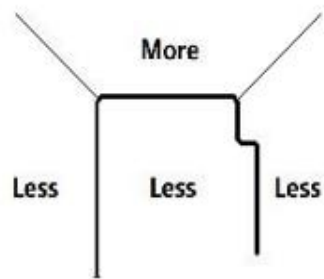
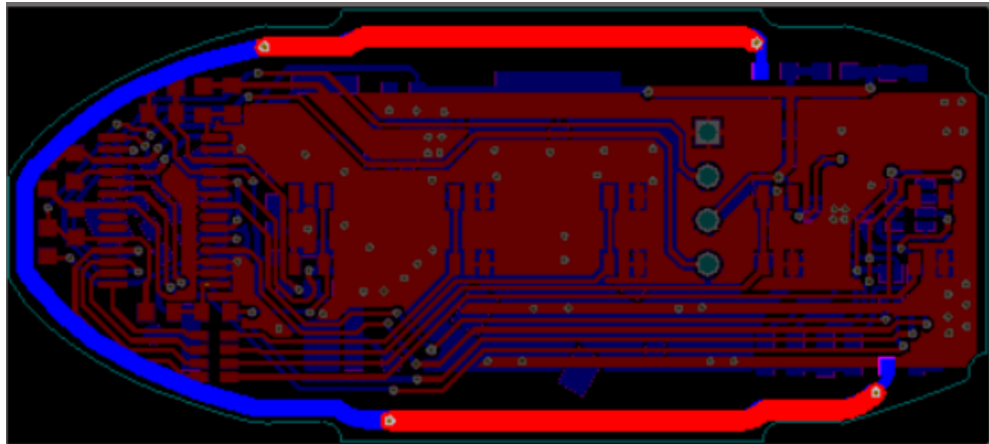
### 3. Return Loss



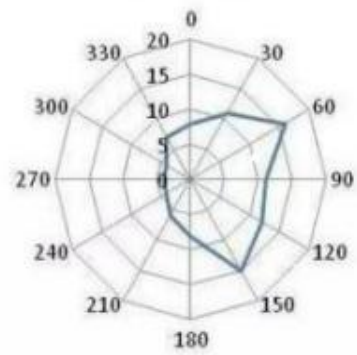
### 4. VSWR



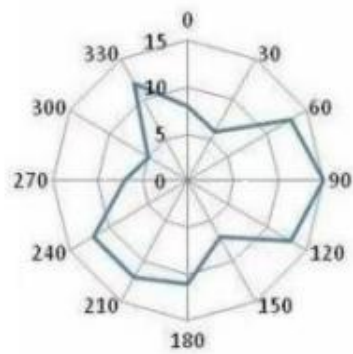
### 5. Three-dimensional coordinates



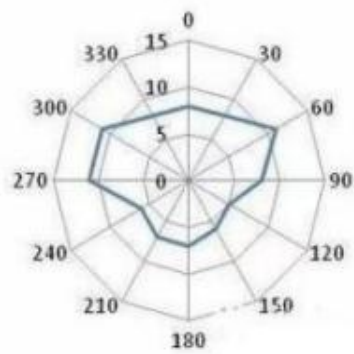
About Z axis



About X axis



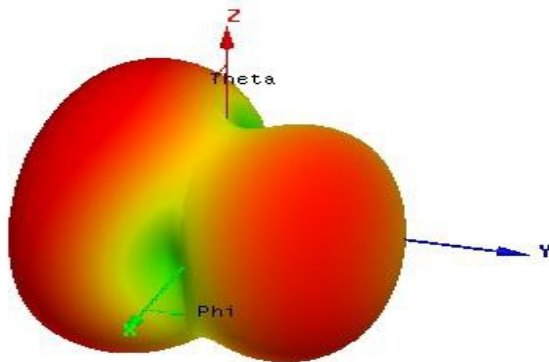
About Y axis



ANT db:

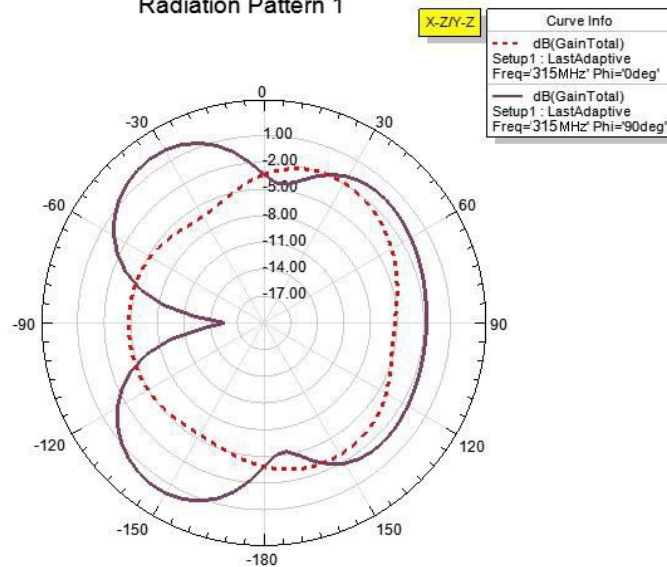
312MHz 0dbi  
 313MHz 0dbi  
 314MHz 1dbi  
 315MHz 2dbi  
 316MHz 1dbi  
 317MHz 0dbi  
 318MHz 0dbi

## 6. 3D gain pattern



## 7. E, h plan

Radiation Pattern 1



Radiation Pattern 2

