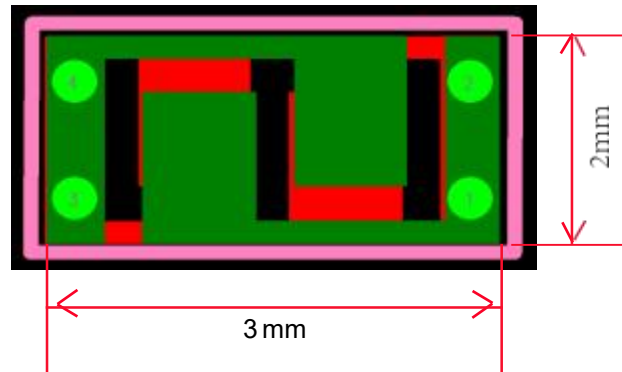


# Antenna specification

一 RF PCB

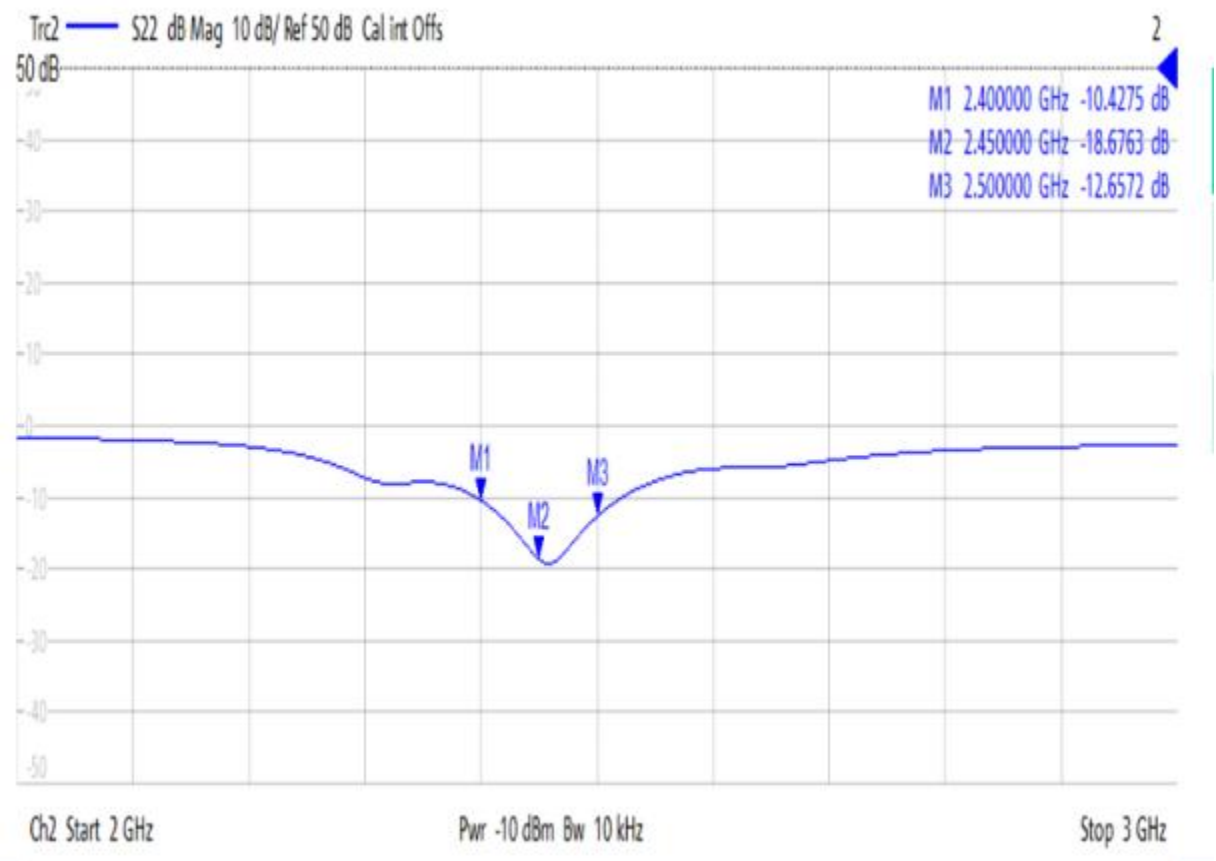


|                     |                                          |
|---------------------|------------------------------------------|
| Manufacturer        | shenzhen Boshengxin Technology co. , LTD |
| DESCRIPTION         | PCB On-board antenna                     |
| OUR MODEL NO        | ST006                                    |
| Dimension (mm)L*W*T | 3.0*2.0*0.8                              |

|                       |            |     |
|-----------------------|------------|-----|
| Central Frequency     | 2450       | MHz |
| Bandwidth             | 120 (Min.) | MHz |
| Peak Gain             | -1.2       | dBi |
| Impedance             | 50         | Ohm |
| Operating Temperature | -40~+85    | °C  |

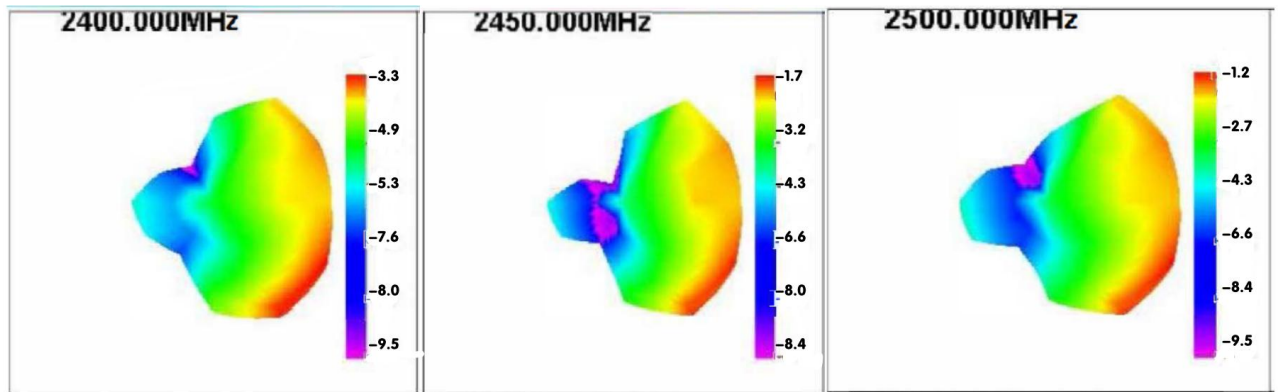
二 .Return Loss

address: side A, 4th floor, Building A3 , Huafengcentury science and Technology park,  
xixiang street, Bao'an District, shenzhen city



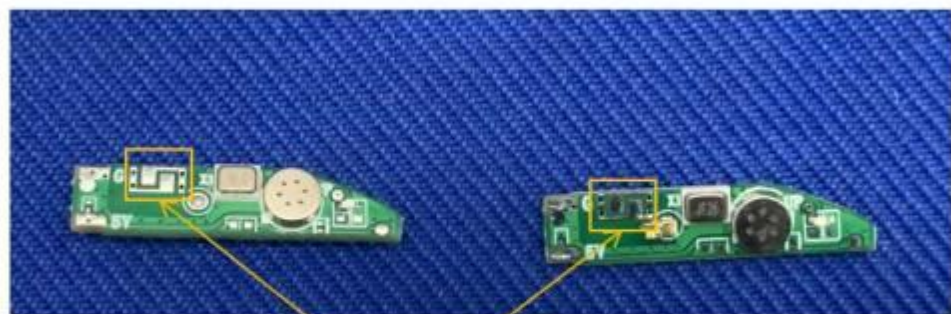
### 三. 2D Radiation Patterns

address: Side A, 4th floor, Building A3, Huafeng Century Science and Technology Park, Xixiang Street,  
Bao'an District, Shenzhen City



|                 | XZ-Plane        |                 | YZ-Plane        |                 | XY-Plane        |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Frequency [MHz] | Max. Value (dB) | Ave. Value (dB) | Max. Value (dB) | Ave. Value (dB) | Max. Value (dB) | Ave. Value (dB) |
| 2400 MHz        | -3.3            | -9.21           | -5.95           | -9.87           | -3.11           | -9.52           |
| 2450 MHz        | -1.79           | -6.72           | -5.68           | -8.42           | -1.77           | -8.19           |
| 2500 MHz        | -2.17           | -6.63           | -3.32           | -8.02           | -1.2            | -7.83           |

EUT Photo



BT ANT

address: side A, 4th floor, Building A3 , Huafeng century science and Technologypark, xixiang street, Bao'an District, shenzhen city