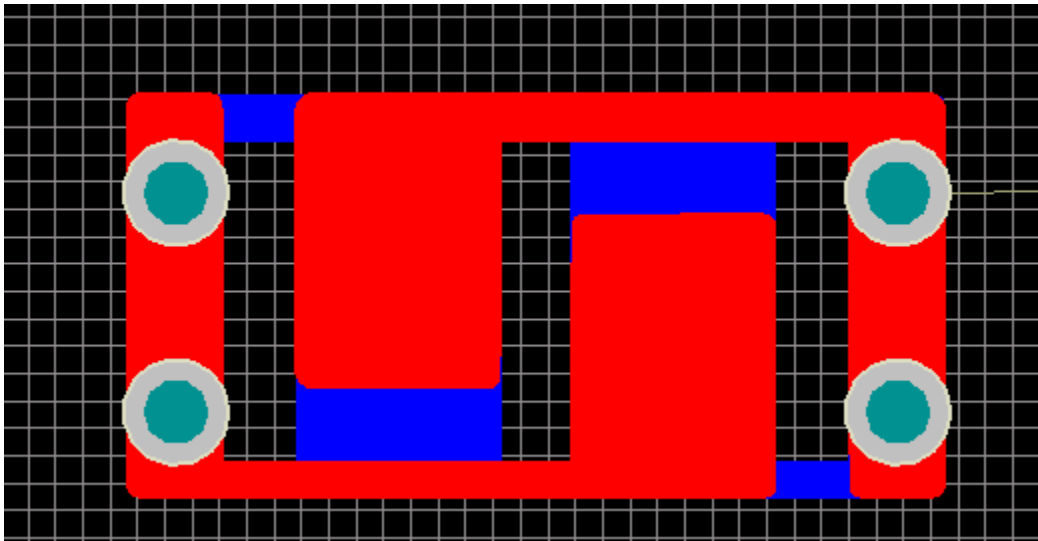


Manufacturer:Guangzhou Haoye Electronic Trading Co., Ltd  
Add:F28, Room 2328, 23rd Floor, No. 123 Jiefang South Road, YuexiuDistrict,  
Guangzhou City

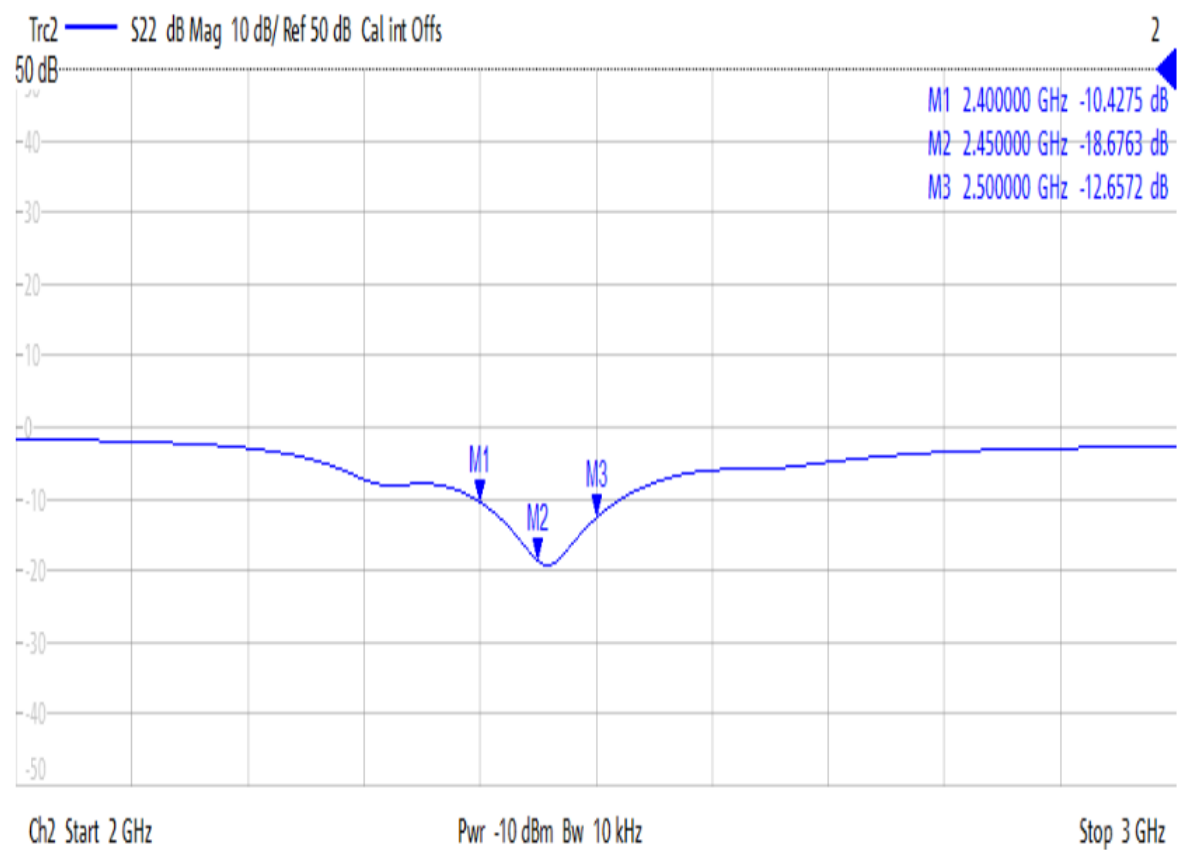
一 RFPCB



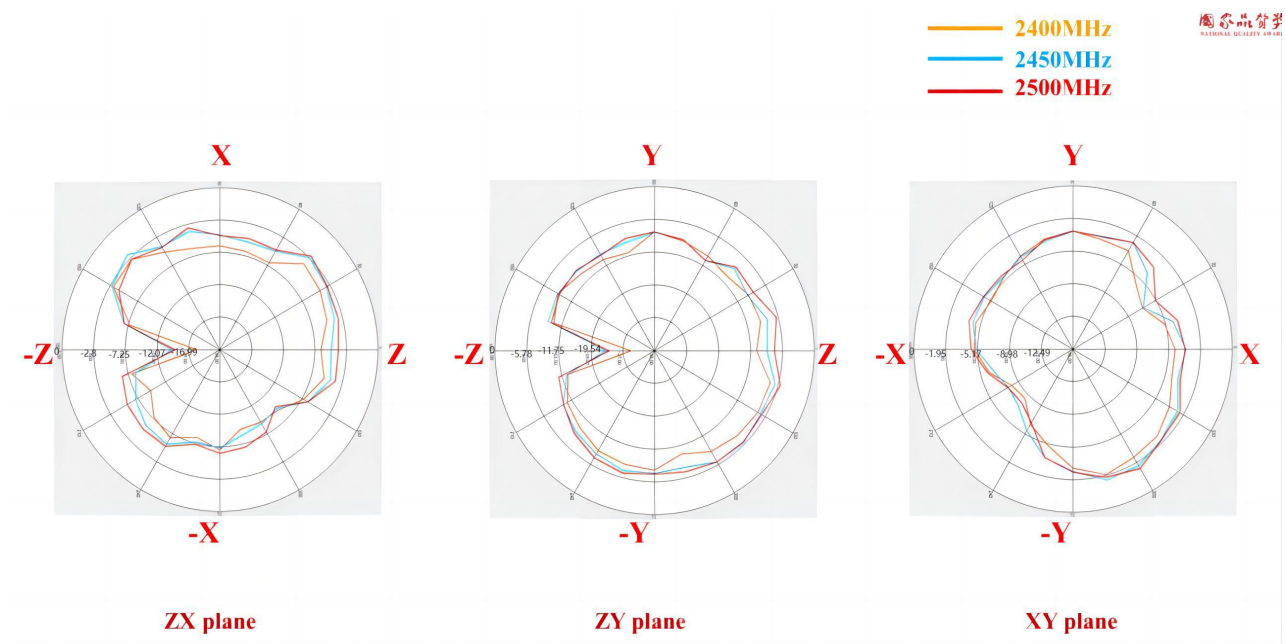
|                     |                     |
|---------------------|---------------------|
|                     |                     |
| DESCRIPTION         | PCB Antenna-ONboard |
| OUR MODEL NO        | ST008               |
| Dimension (mm)L*W*T | 3.7*1.8*0.8         |

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

二 .Return Loss



### 三. 2D Radiation Patterns



|                 | XZ-Plane                      |                               | YZ-Plane                      |                               | XY-Plane                      |                               |
|-----------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Frequency [MHz] | Max. Value (dB <sub>i</sub> ) | Ave. Value (dB <sub>i</sub> ) | Max. Value (dB <sub>i</sub> ) | Ave. Value (dB <sub>i</sub> ) | Max. Value (dB <sub>i</sub> ) | Ave. Value (dB <sub>i</sub> ) |
| 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                         |