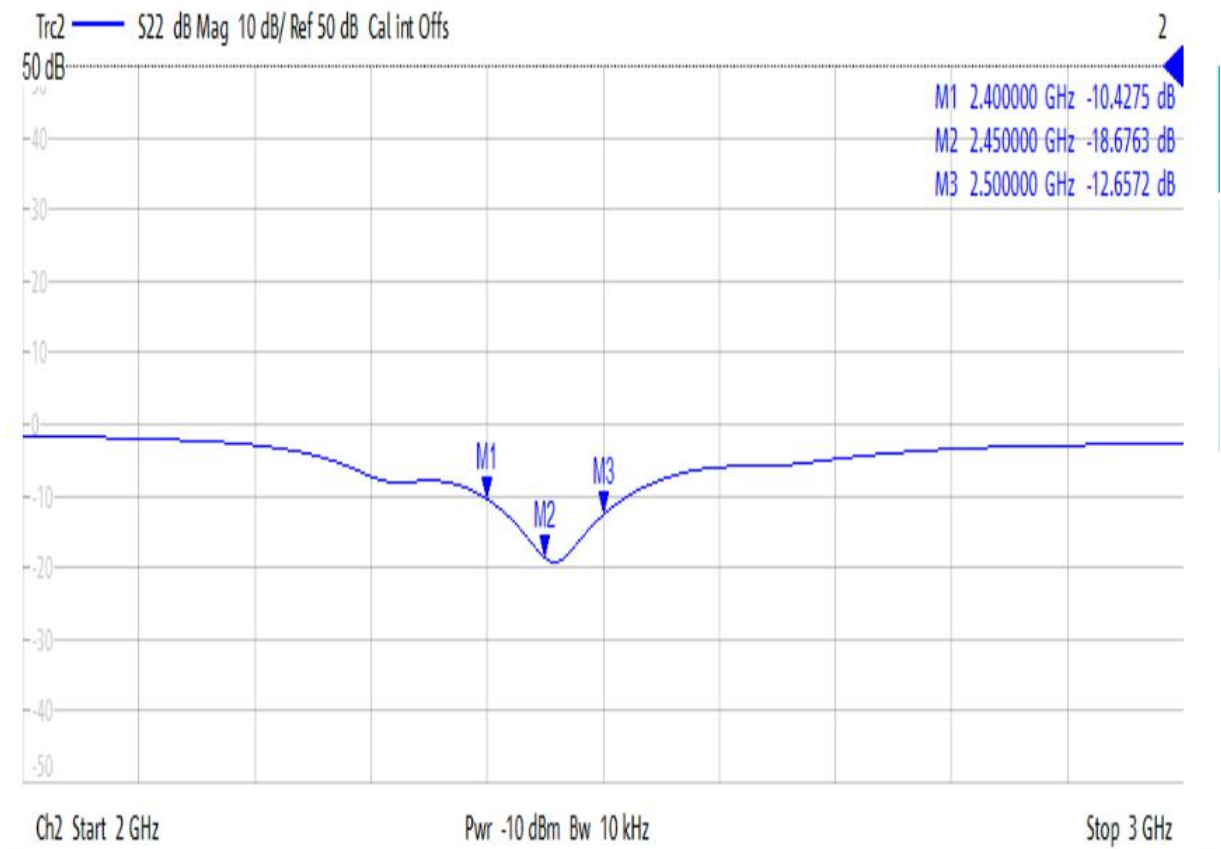


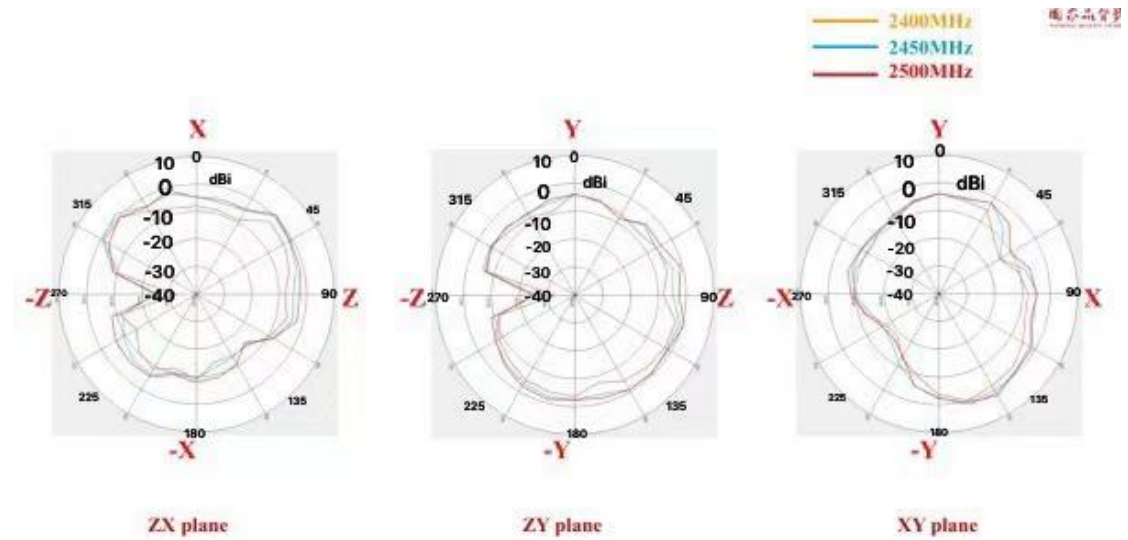
| | |
|---------------------|---|
| COMPANY | Shenzhen Stepp Technology Co. , Ltd |
| DESCRIPTION | PCB On-board antenna |
| OUR MODEL NO | ST003 |
| Dimension (mm)L*W*T | 2.6*1.5*0.8 |
| Company address | 4th floor, Building A3, Huafeng Century Science and Technology Park, Xixiang Street, Bao'an District, Shenzhen |

| | | |
|-----------------------|------------|-----|
| Central Frequency | 2450 | MHz |
| Bandwidth | 120 (Min.) | MHz |
| Peak Gain | 0.8 | dBi |
| Impedance | 50 | Ohm |
| Operating Temperature | -40~+85 | °C |

二 .Return Loss



三. 2D Radiation Patterns



| | 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 | 0.8 | -7.83 |