

## Antenna Specification

Antenna Type: Spring Antenna

Operation Frequency: 909MHz-924MHz

Antenna Gain: 0.64 dBi

Manufacturer: ShenZhen XinHengYang Technology Co., Ltd

Address: 1st Floor, Building B, Aerospace Micro motor Factory, No. 25 Keji North 2nd Road, Songpingshan Community, Xili Street, Nanshan District, Shenzhen, China

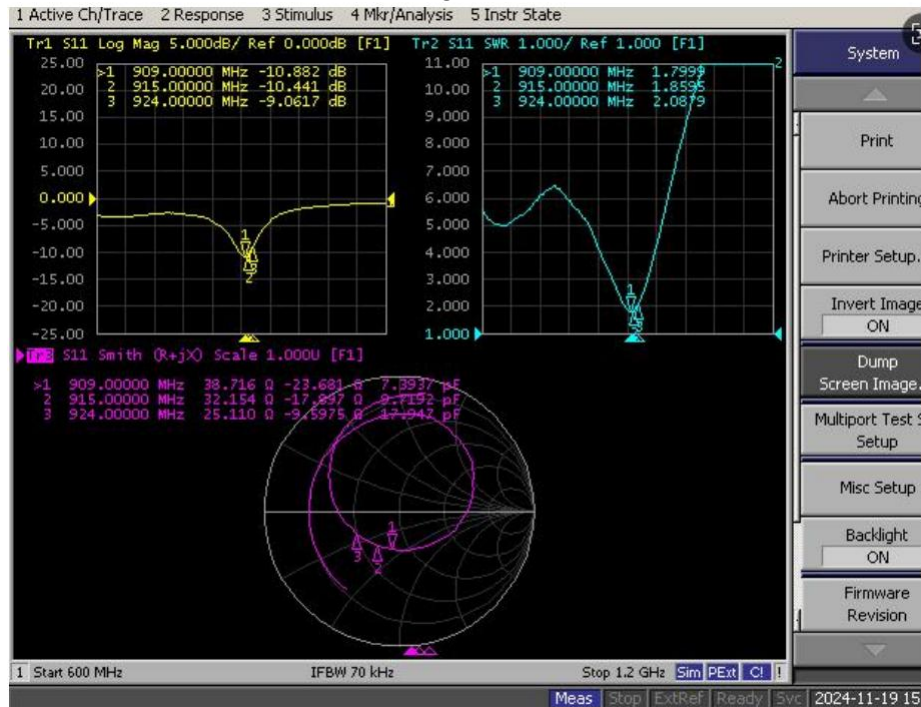
### Antenna Assembly



### Gain

| 909MHZ-924MHZ |          |            |            |          |            |
|---------------|----------|------------|------------|----------|------------|
| TX            |          |            | RX         |          |            |
| Freq (MHz)    | Effi (%) | Gain (dBi) | Freq (MHz) | Effi (%) | Gain (dBi) |
| 900           | 46.42    | 0.64       | 900        | 42.68    | 0.26       |
| 905           | 45.36    | 0.44       | 905        | 42.57    | 0.19       |
| 910           | 43.16    | 0.16       | 910        | 41.17    | 0.03       |
| 915           | 40.28    | -0.15      | 915        | 39.00    | -0.19      |
| 920           | 36.53    | -0.65      | 920        | 35.62    | -0.60      |
| 925           | 32.44    | -1.26      | 925        | 31.63    | -1.18      |
| 930           | 28.27    | -1.97      | 930        | 27.41    | -1.89      |

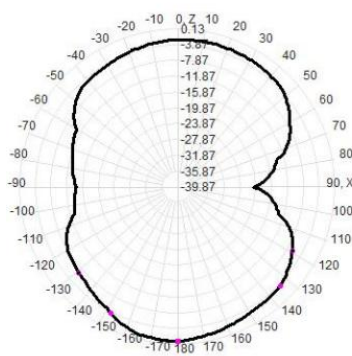
## VSWR



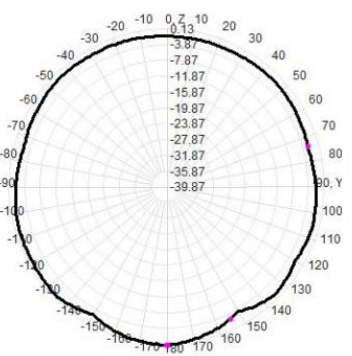
## Gain Pattern



E1( xz)



E2( yz)



H( xy)

