

# Antenna Specification

## Specifications

### Summary

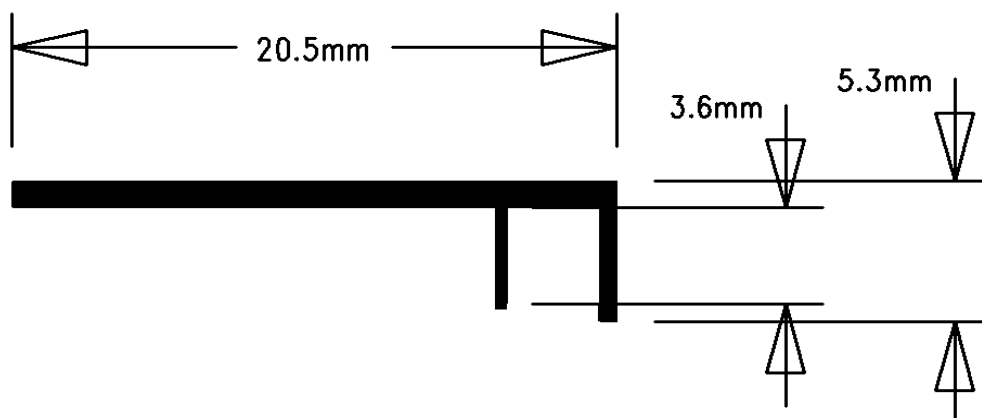
| ITEM                 | SPEC.                                  |                                |
|----------------------|----------------------------------------|--------------------------------|
| Model Name           | ISM 2.4 GHz                            |                                |
| Center Frequency     | 2402.0 MHz<br>2441.0 MHz<br>2480.0 MHz | 1.92dBi<br>1.61dBi<br>-0.4 dBi |
| MAX. GAIN            | 1.92 dBi                               |                                |
| Polarization         | Horizontal                             |                                |
| Azimuth Beam Pattern | Omni-directional                       |                                |
| Impedance            | 50 $\Omega$                            |                                |
| Antenna Length       | 25.8mm                                 |                                |

Antenna Type: PCB Antenna

Company : Shenzhen Huayuhongxin Electronic Technology Co.,Ltd.SSS

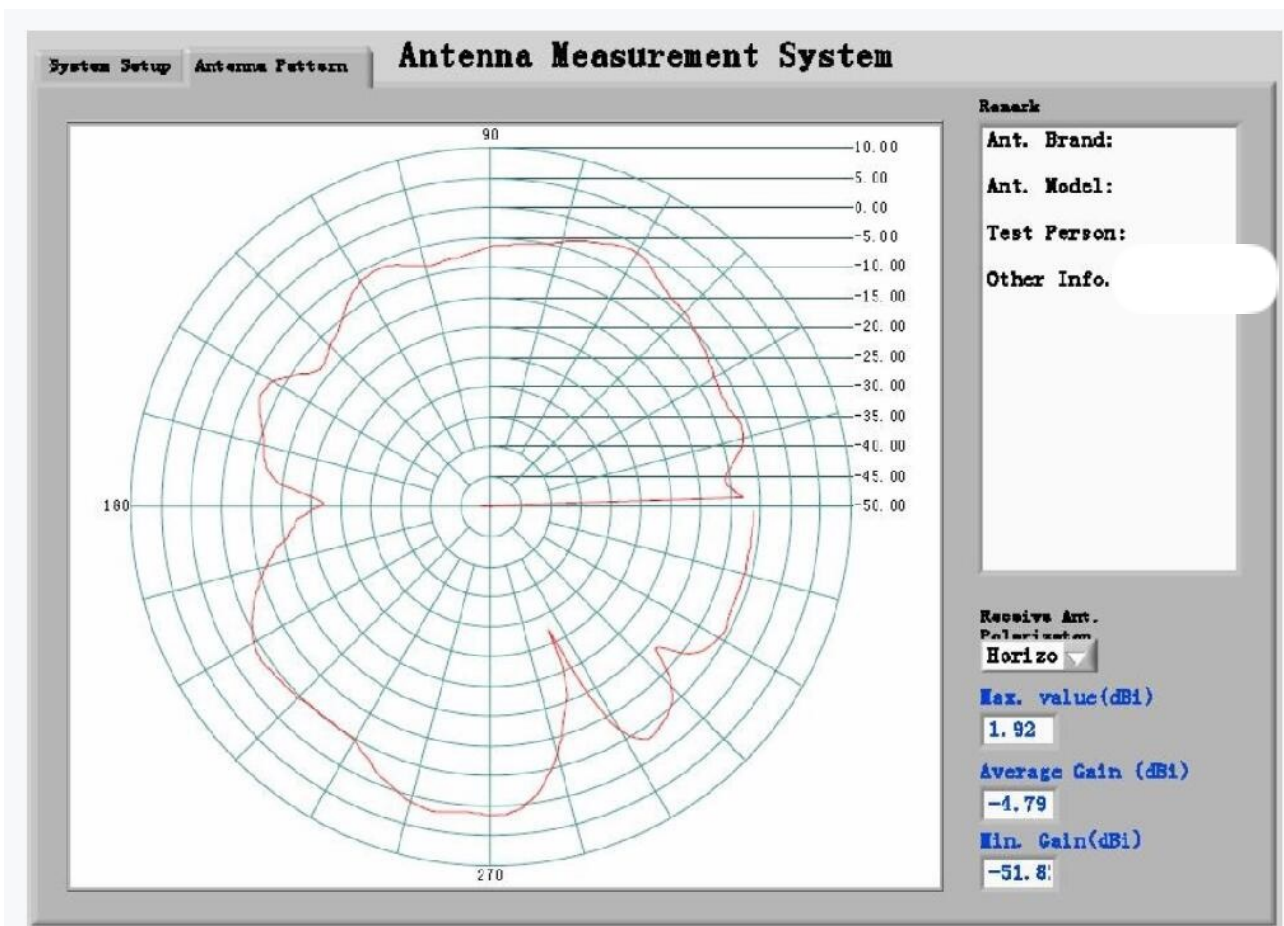
Address: Room 903-1,Deyinshan Building,Bao'an District,Shenzhen

### Antenna Photo & Length

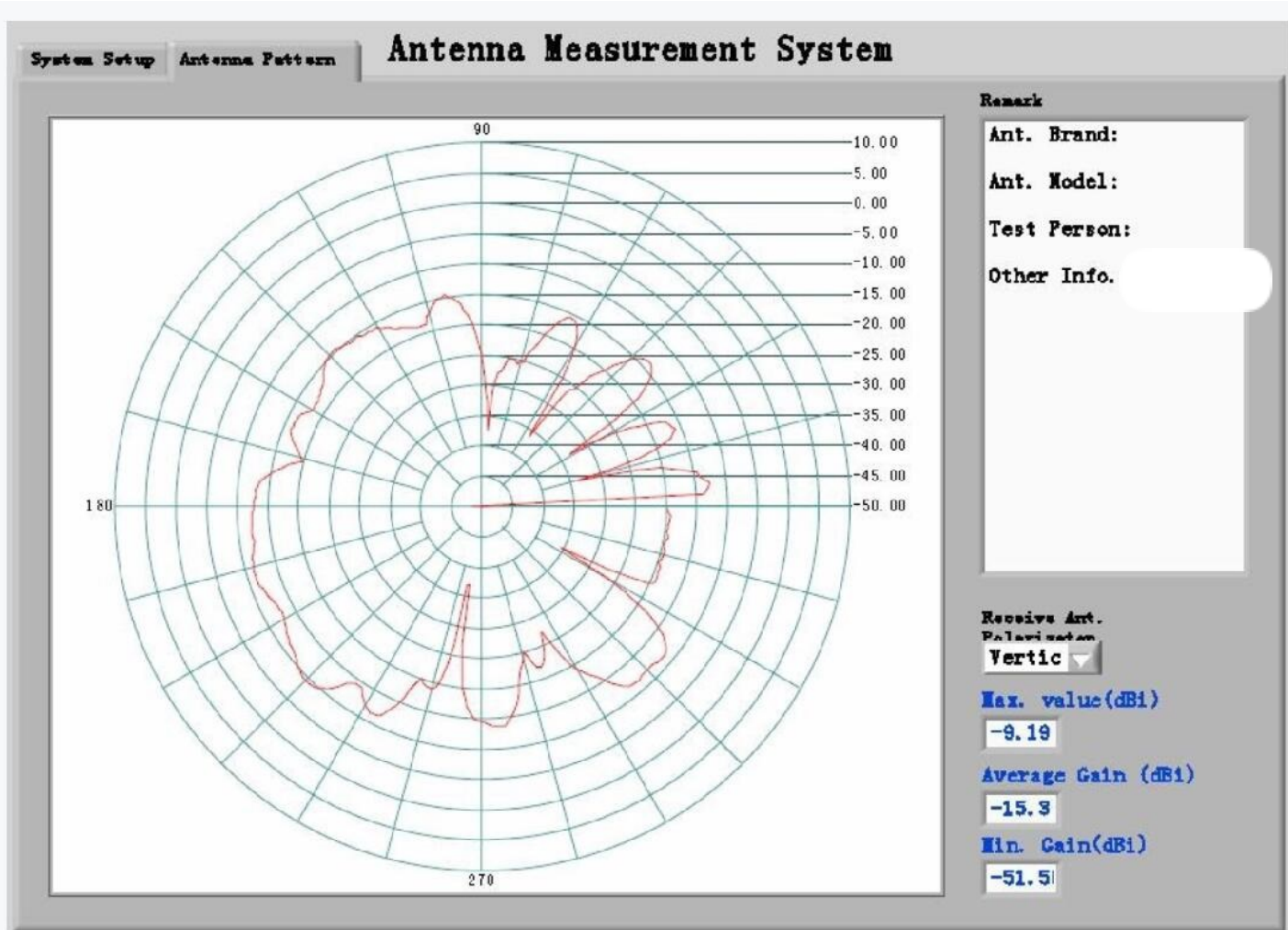


# 1.Main antenna : 2402.0 MHz

## 1.1 Horizontal

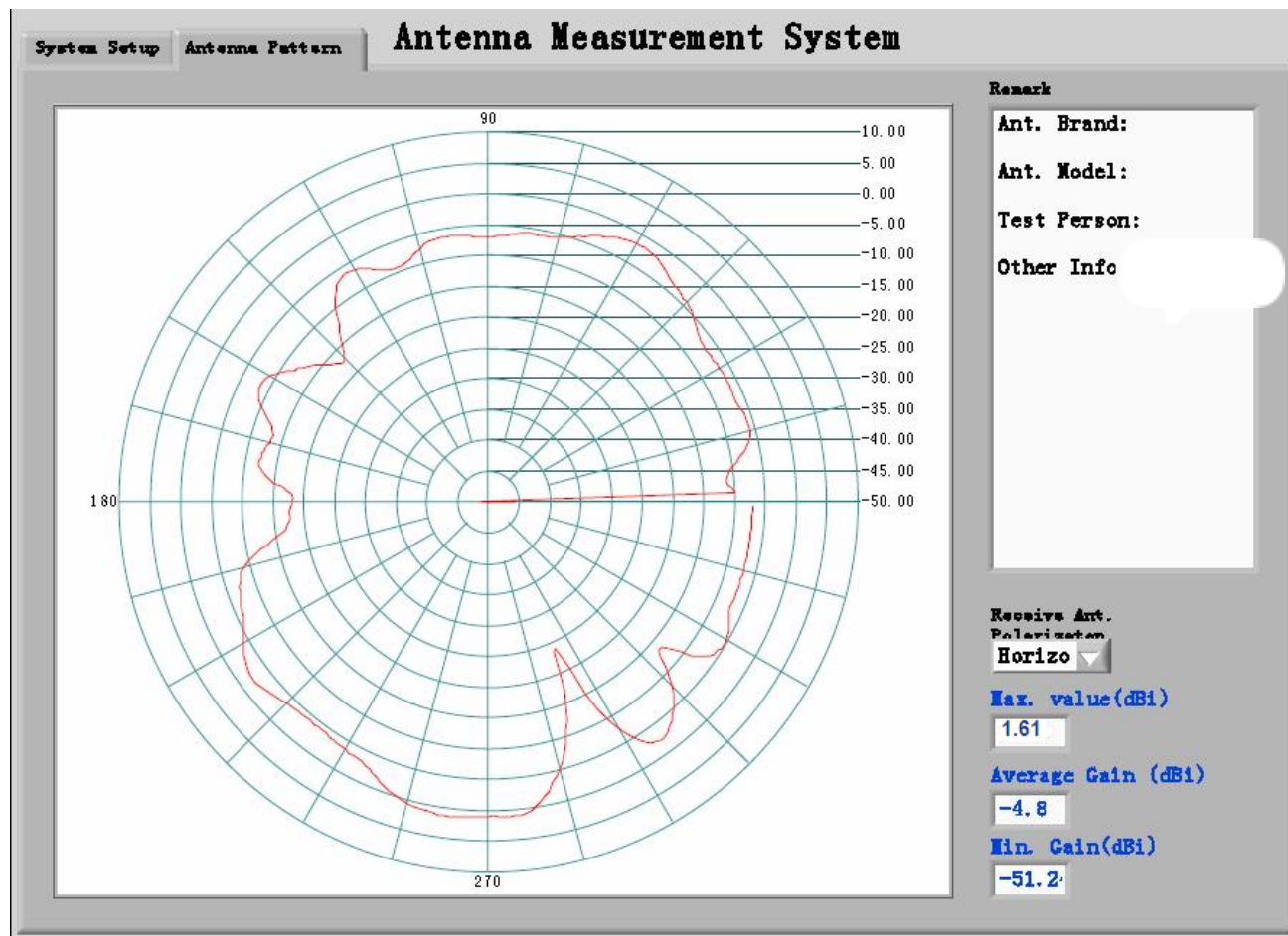


## 1.2 Vertical

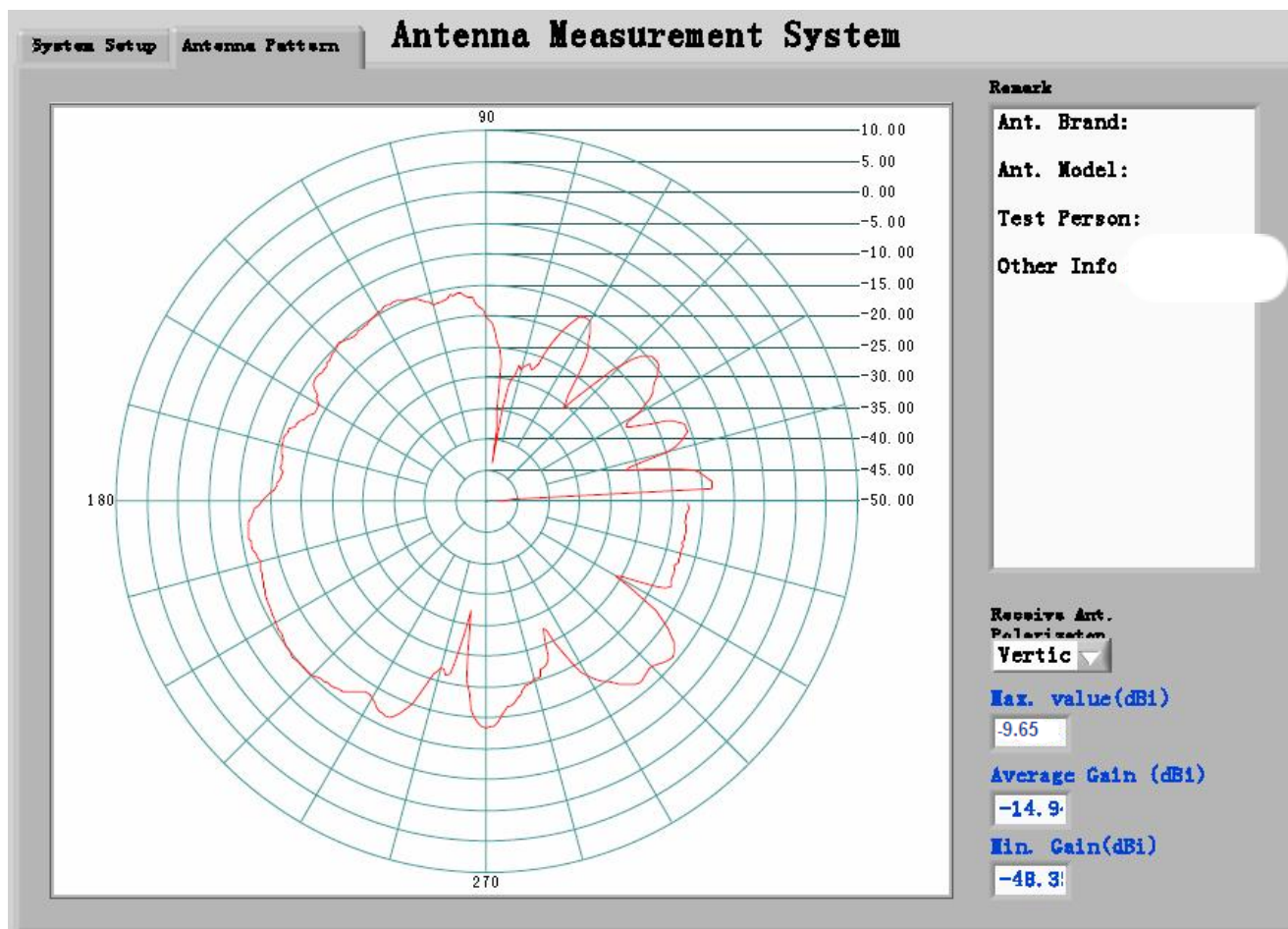


## 2.Main antenna : 2441.0 MHz

### 2.1 Horizontal

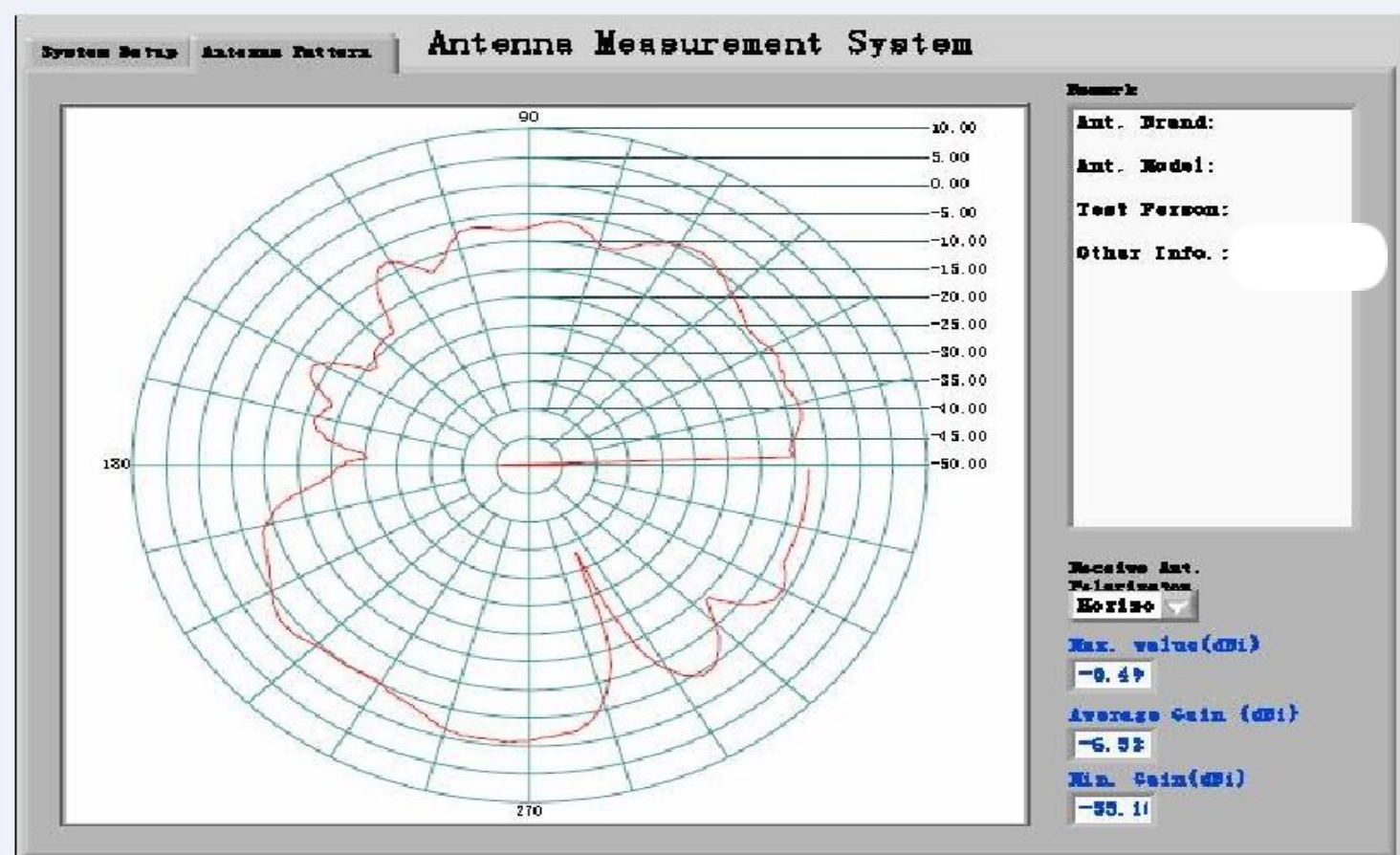


### 2.2 Vertical

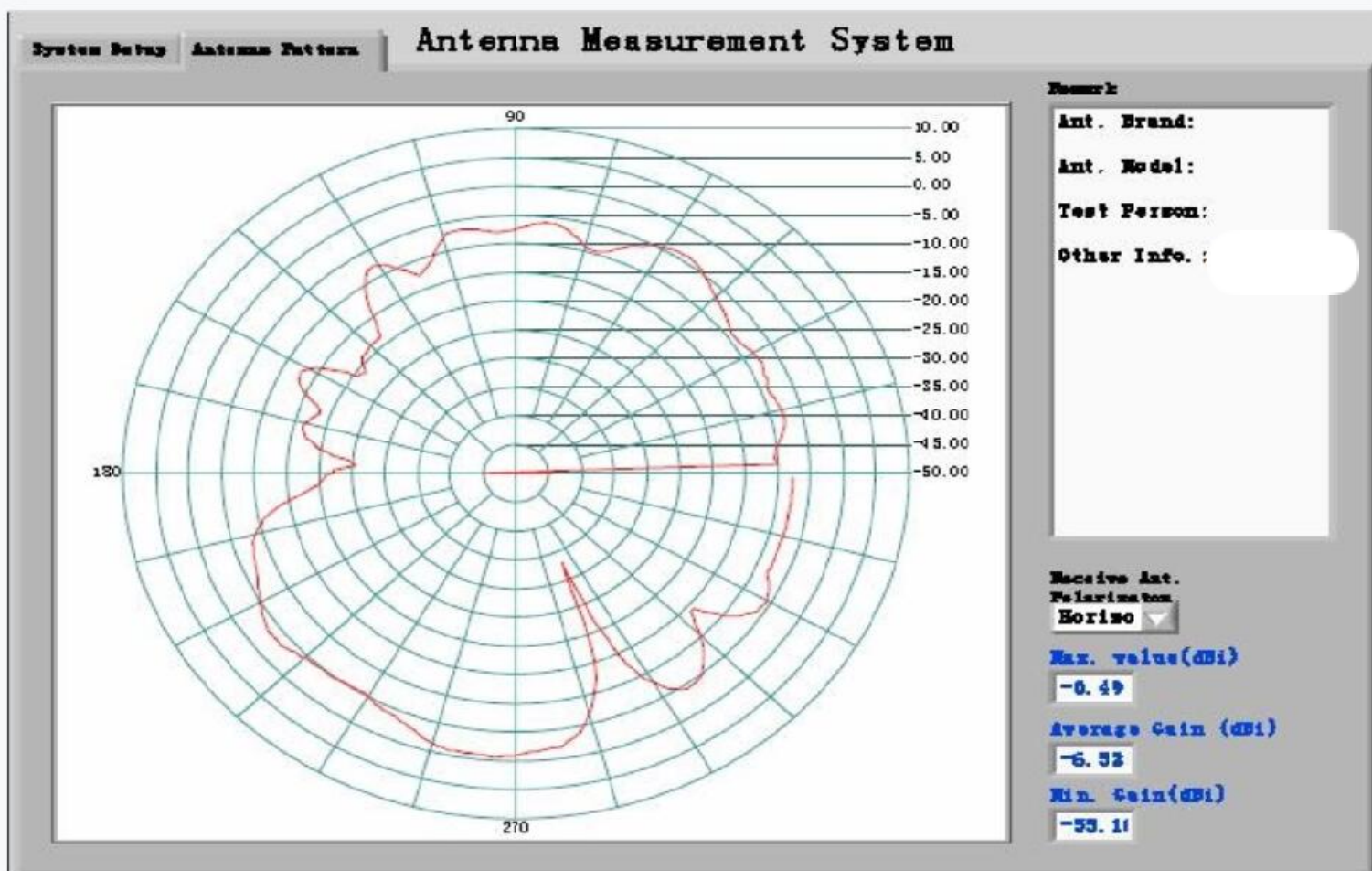


### 3.Main antenna : 2480.0 MHz

#### 3.1 Horizontal



#### 3.2 Vertical



4. Result

| Center Frequency |   | Maximum Ant Gain |
|------------------|---|------------------|
| 2402.0 MHz       | H | 1.92 dBi         |
|                  | V | -9.19 dBi        |
| 2441.0 MHz       | H | 1.61 dBi         |
|                  | V | -9.40 dBi        |
| 2480.0 MHz       | H | -0.4 dBi         |
|                  | V | -0.49 dBi        |