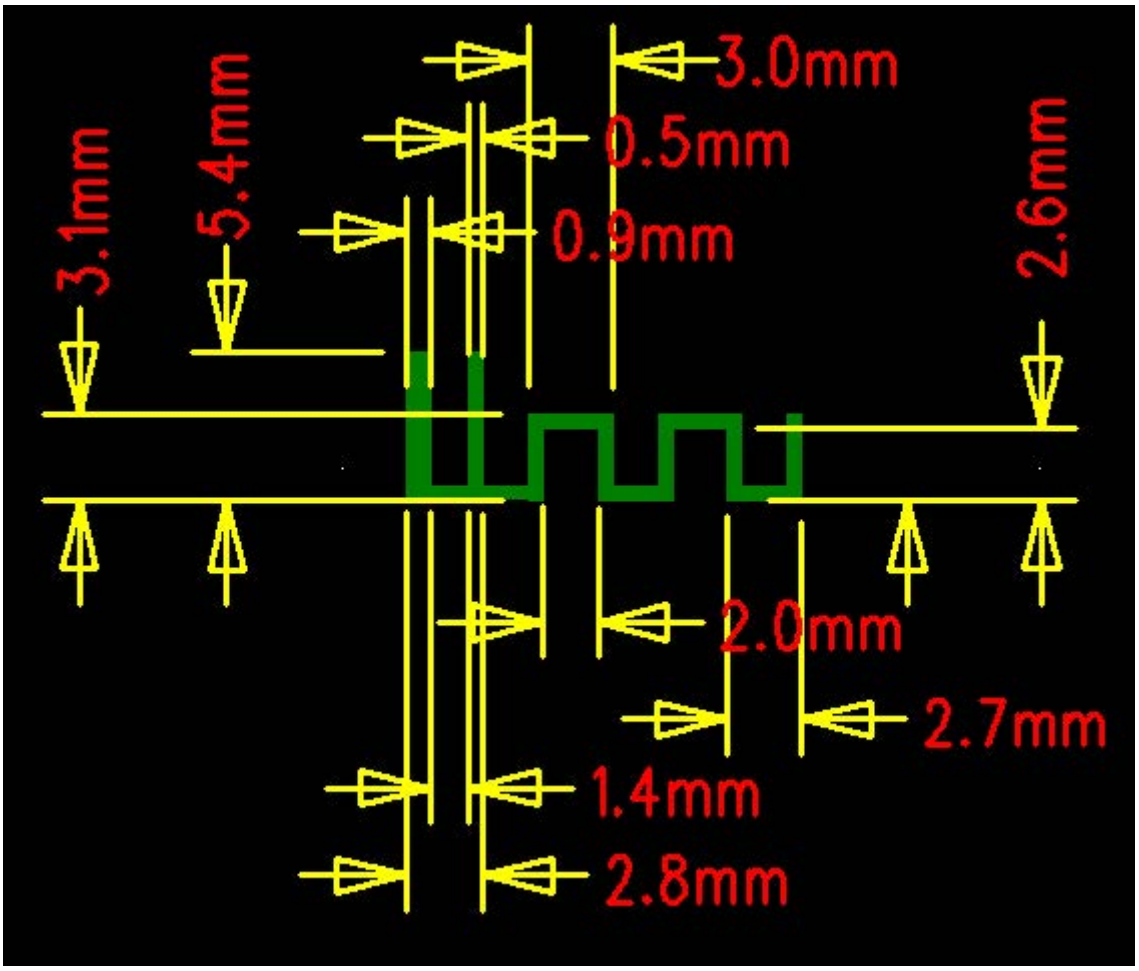
# Antenna Describe

## 1： Antenna Describe

| | |
|---|---|
| Antenna | PCB |
| Antenna Gain | .5121dBi |
| Frequency Range | 2400-2500 |
| Connector Type | Direct |
| Location of mearement(company name) | SHENZHENSHIXINZHONGXIN TECHNOLOGY.CO.,LTD |

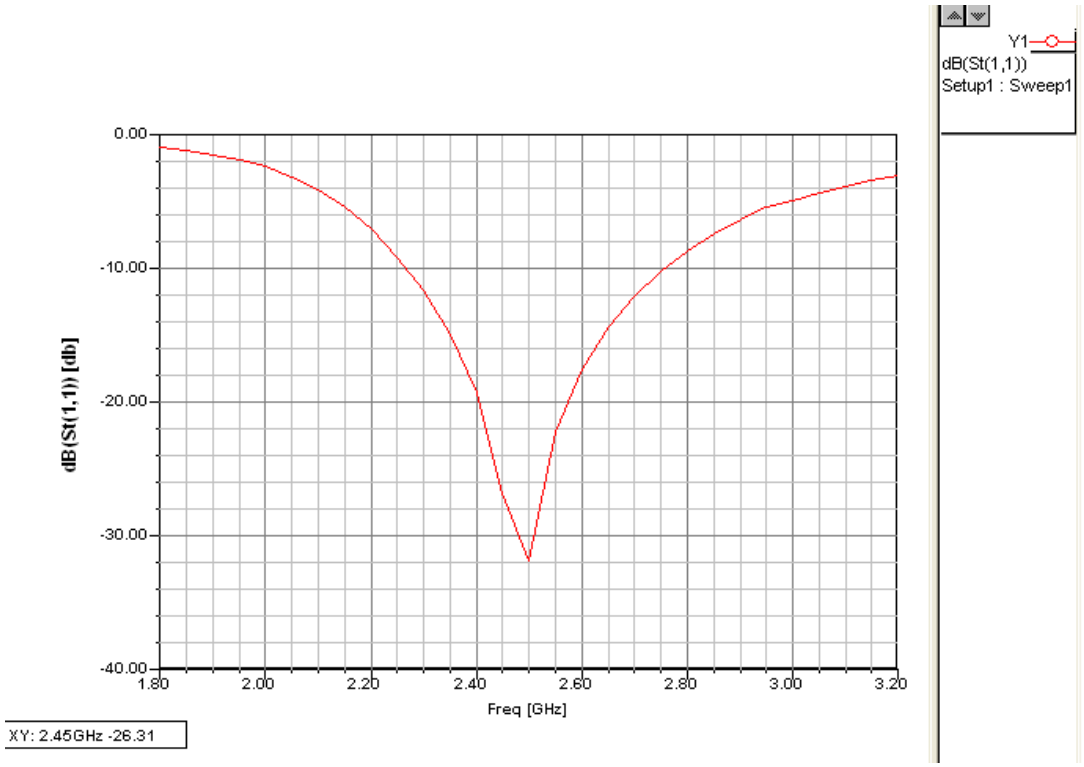
## 2：External View Drawing

Picture of antenna

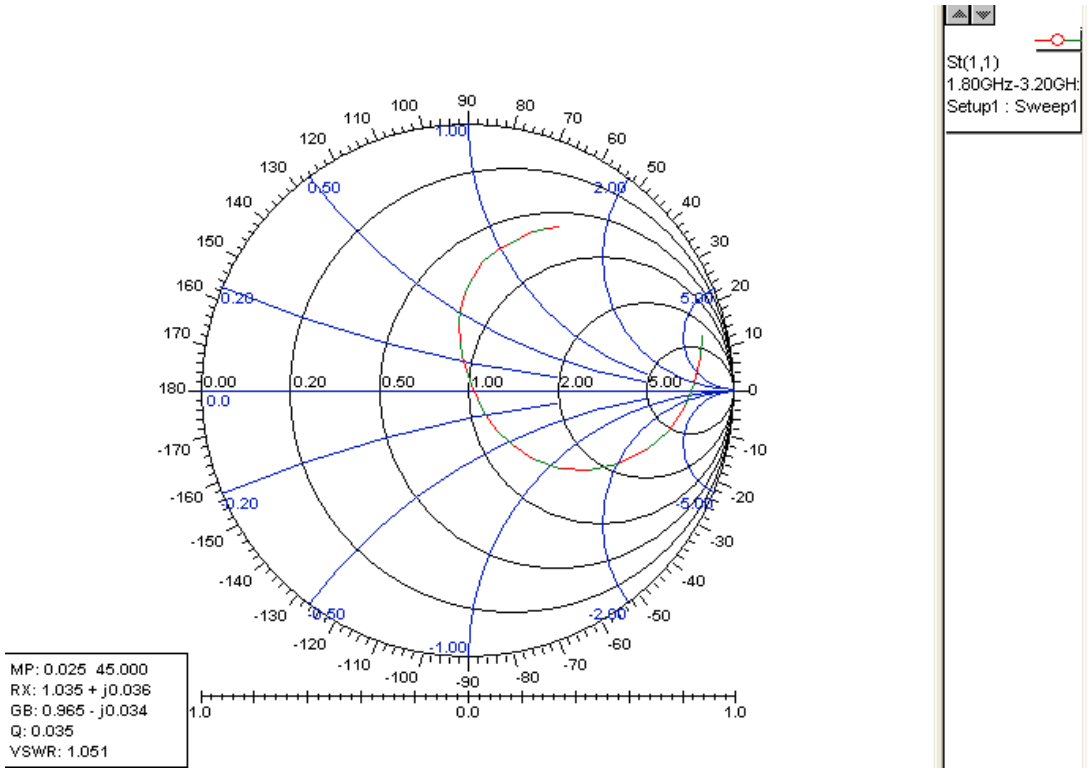



## 3：Measurement Result

### 3.1 Return Loss (S11 )

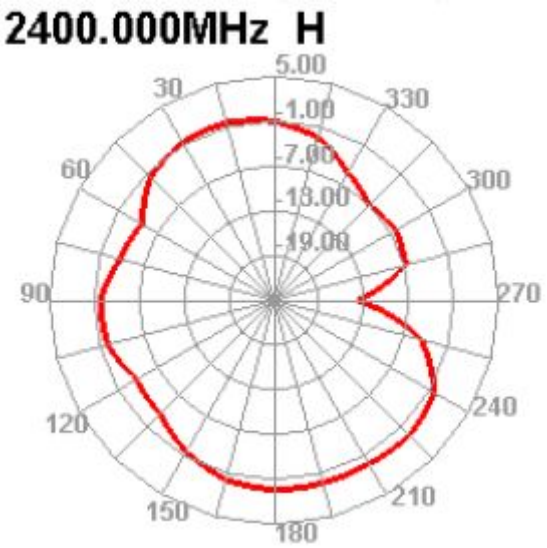



## 3.2 Smith Chart

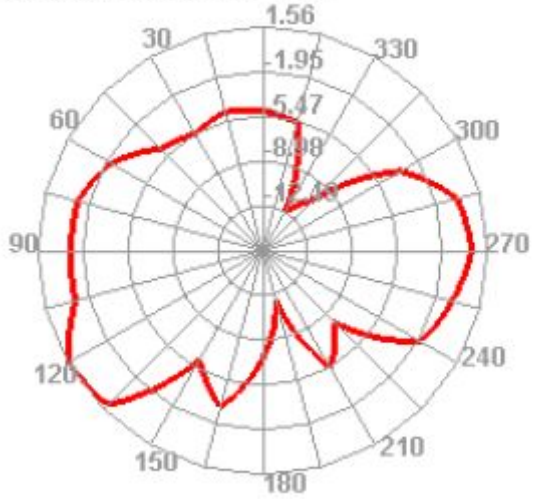



## 3.3 Gain

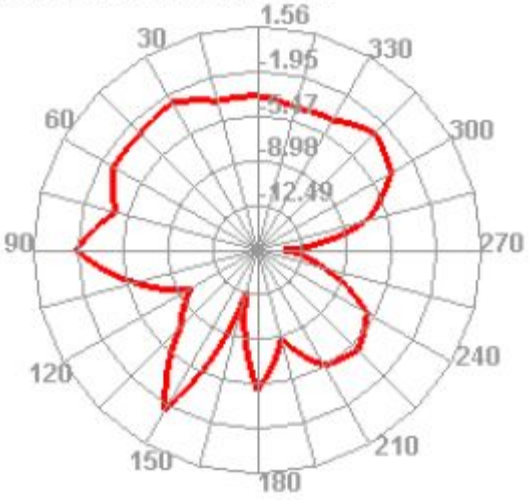
| Frequency | Gain(dBi) |
|---|---|
| 2400MHz | 4.09094 |
| 2410MHz | 4.2202 |
| 2420MHz | 4.39175 |
| 2430MHz | 4.31876 |
| 2440MHz | 4.17793 |
| 2450MHz | 4.17943 |
| 2460MHz | 4.25398 |
| 2470MHz | 4.42179 |
| 2480MHz | 4.5121 |
| 2490MHz | 4.5111 |
| 2500MHz | 4.26374 |



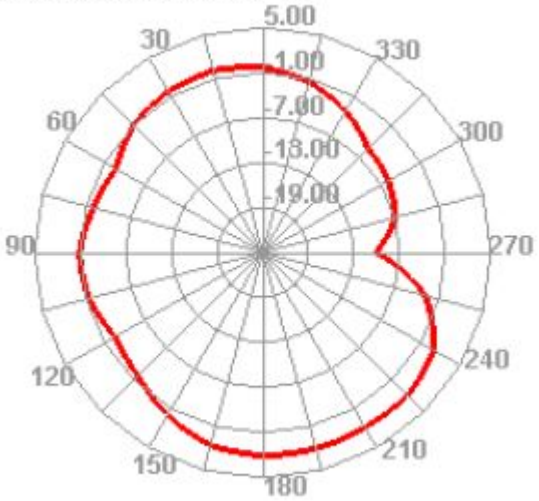
2400.000MHz E1



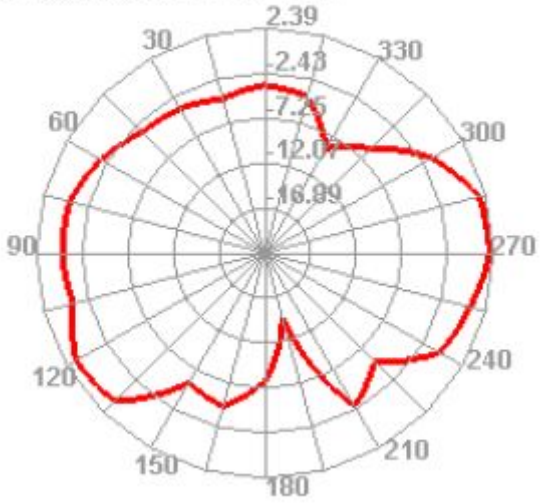

2400.000MHz E2



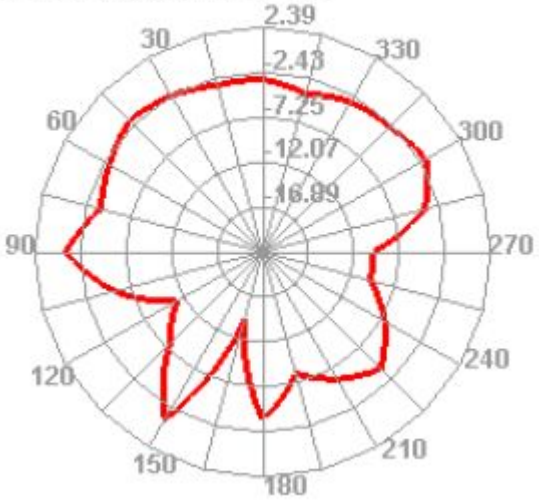

2450.000MHz H



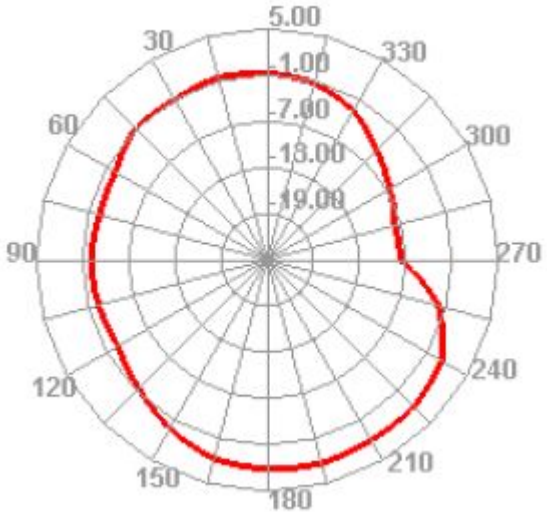
2450.000MHz E1



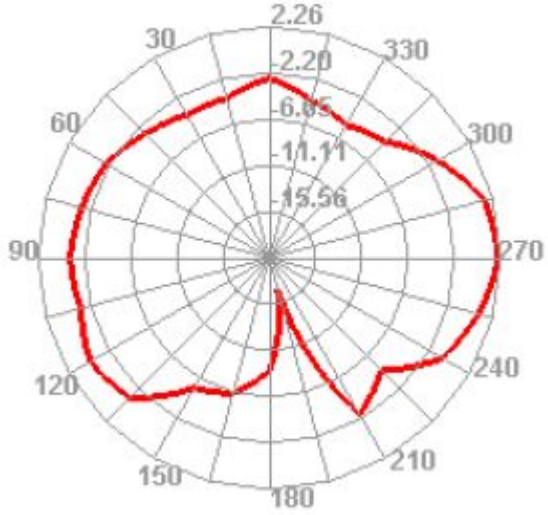

2450.000MHz E2

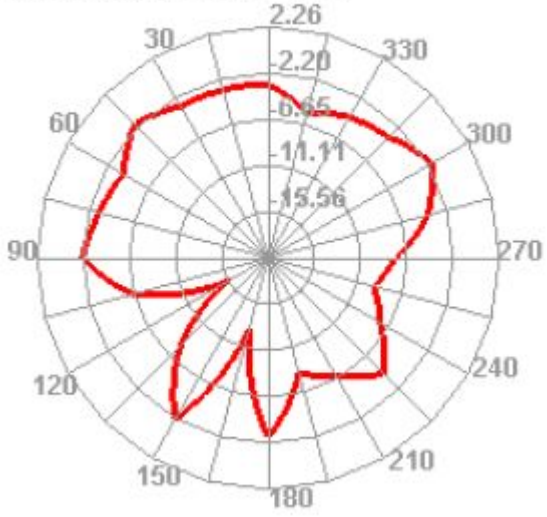


2500.000MHz H




2500.000MHz E1




2500.000MHz E2