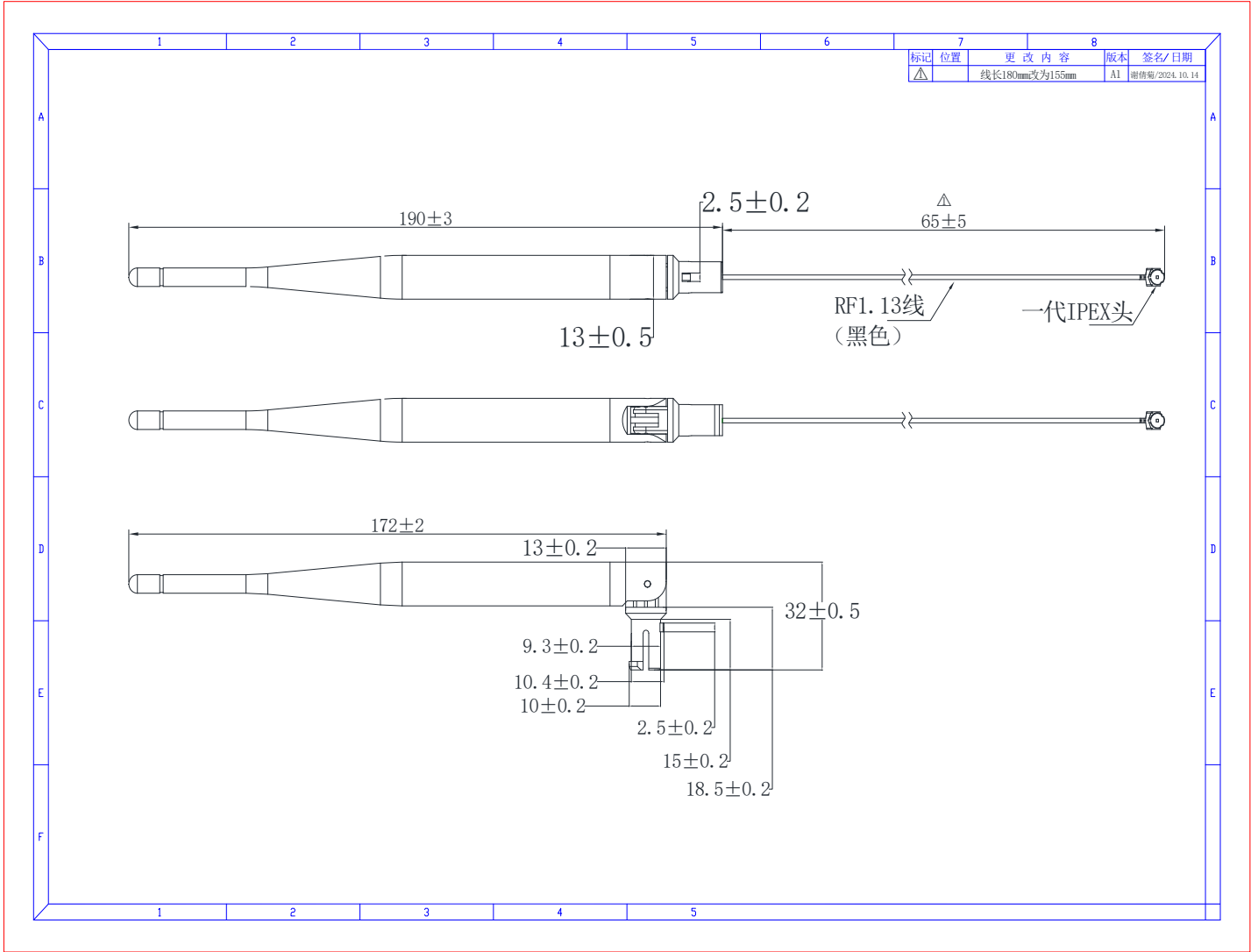


一、Product Structure Drawing (mm)



二、Physical picture

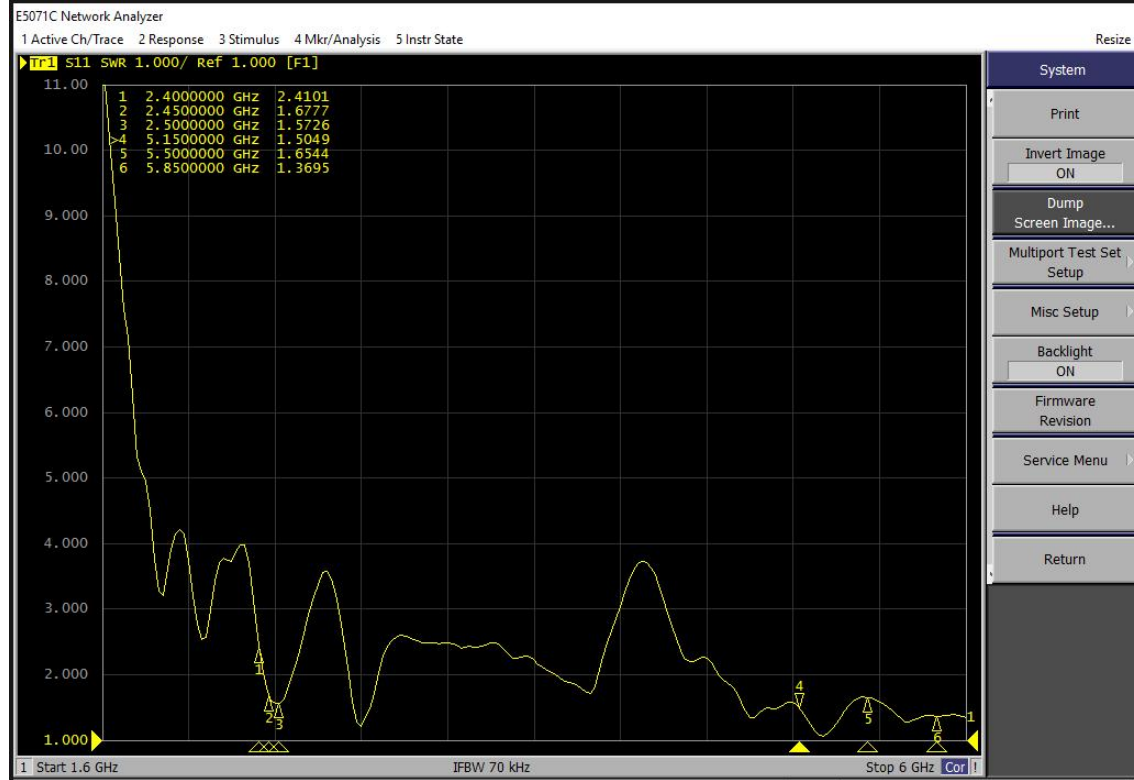


三、Antenna technical parameters

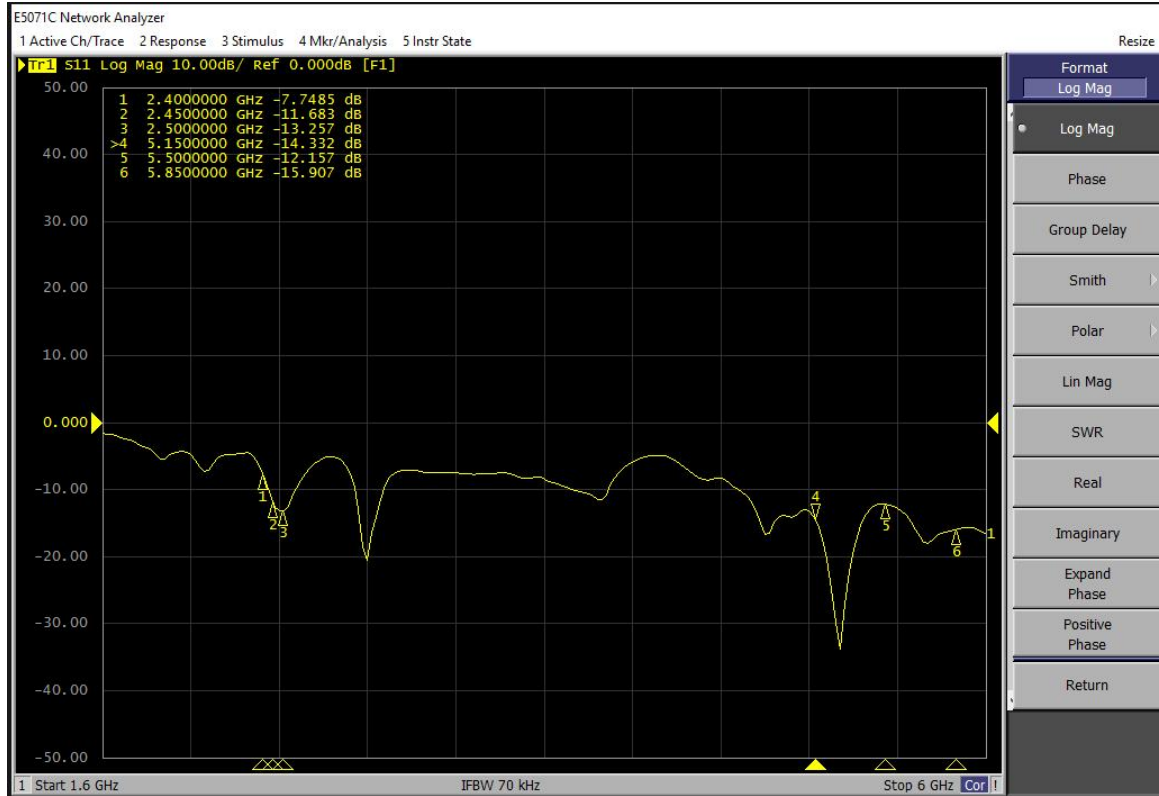
| Design Specifications     | Typical                                                                                |
|---------------------------|----------------------------------------------------------------------------------------|
| 天线形式                      | Foldable rod antenna (lead)                                                            |
| 工作频率(Working Frequency)   | 2400–2500MHz、5150–5850MHz                                                              |
| 增益 (Gain)                 | 4.59dBi (平均) , 5.03dBi (峰值) @2400–2500MHz<br>3.50dBi (平均) , 4.38dBi (峰值) @5150–5850MHz |
| 天线效率 (Antenna efficiency) | ≥45%                                                                                   |
| 电压驻波比 (VSWR)              | <2.5                                                                                   |
| 极化方式(Ploriaztion)         | Linear polarization                                                                    |
| 辐射方向(Radiation pattern)   | omnidirectional                                                                        |
| 馈电阻抗(Impedance)           | 50 Ω                                                                                   |
| 天线接口(Interface)           | IPEX (一代) /RF1.13线 (black) 65mm                                                        |
| 天线尺寸(Overal dimensions)   | Φ13x190mm                                                                              |
| 天线颜色                      | Elegant white                                                                          |
| 重量(Weight)                | 13.7g                                                                                  |
| 工作温度(Operatin Temp)       | –40℃~80℃                                                                               |

# 四、Antenna performance testing

## 1、Standing wave ratio diagram

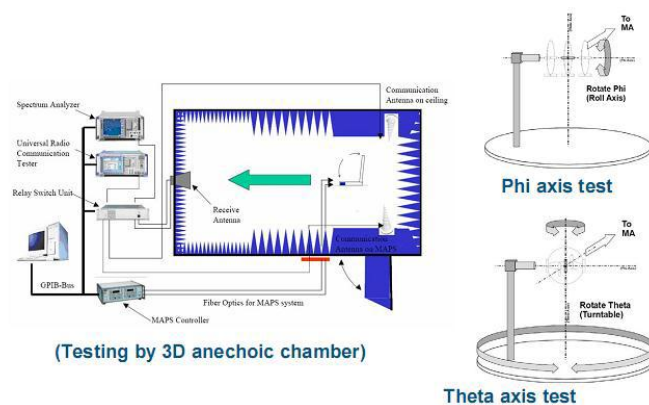


## 2、Return loss chart

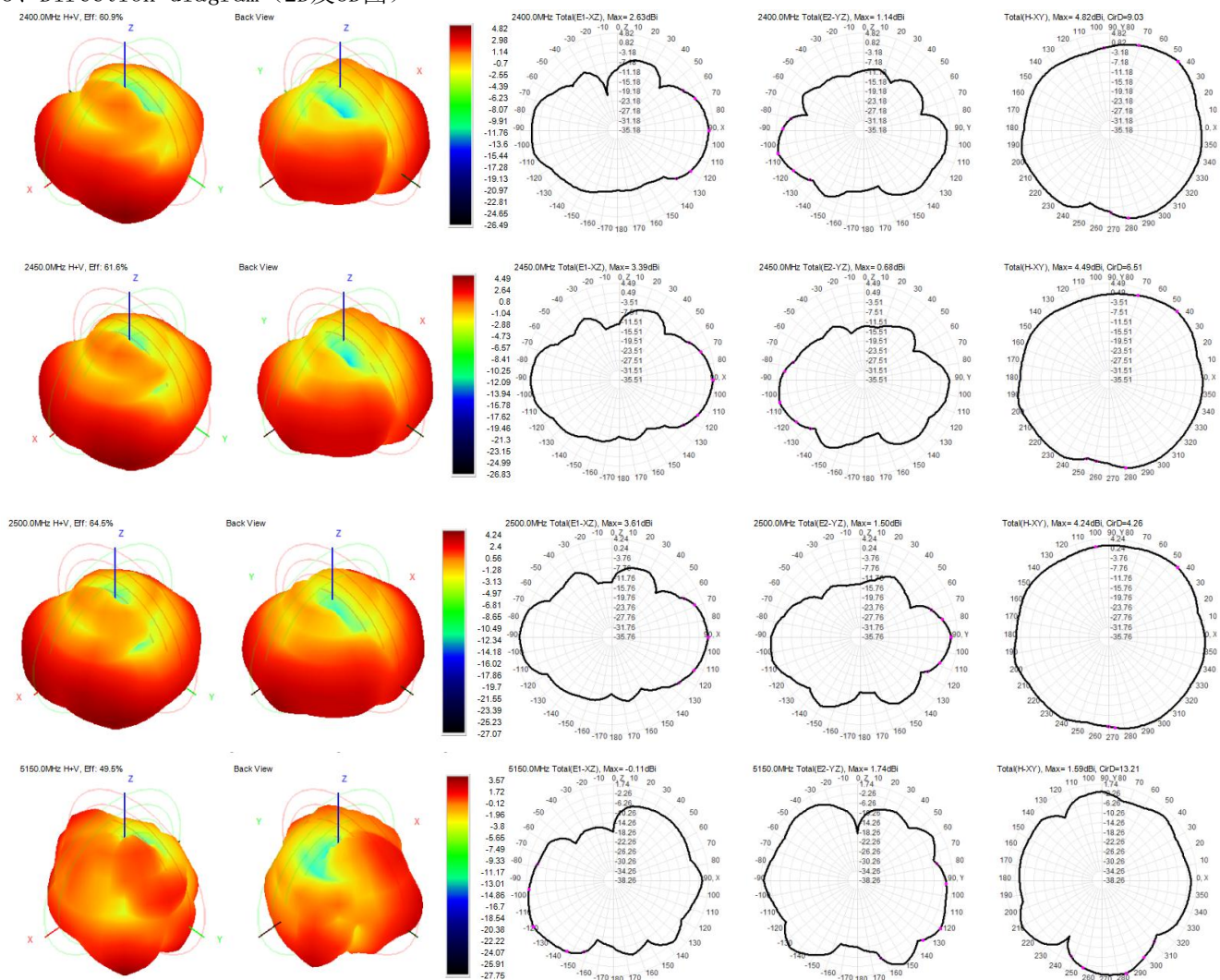


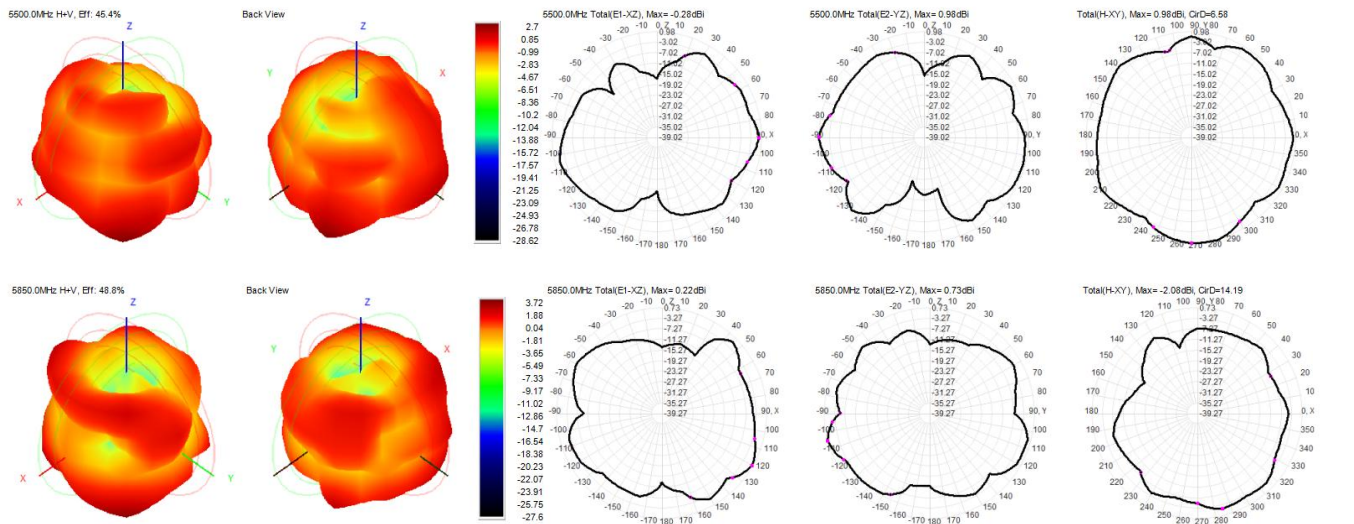
## Microwave darkroom detection

The detection diagram is shown below:

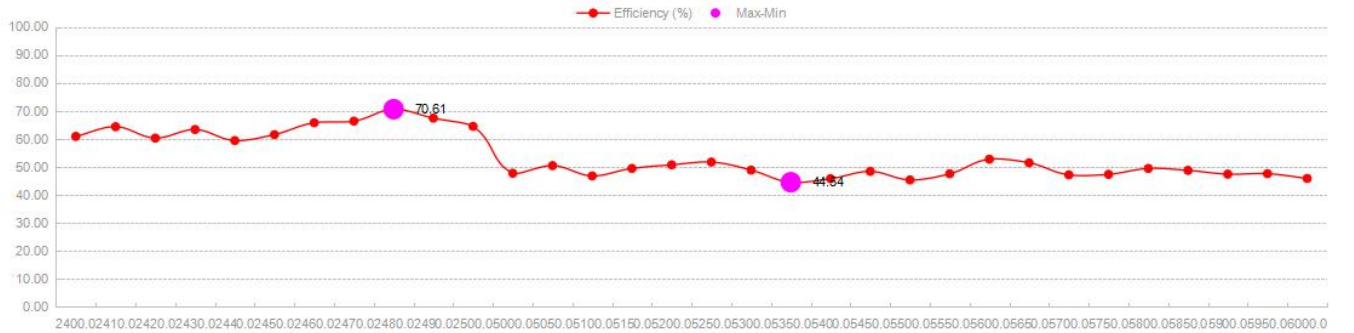


### 3、Direction diagram (2D及3D图)





4、Efficiency curve chart



5、Gain curve graph

