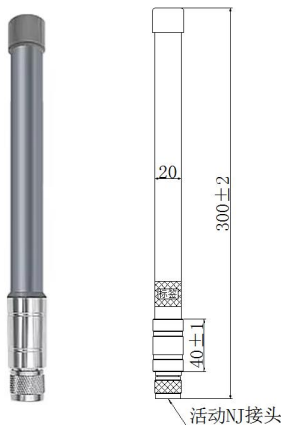


## Omnidirectional Fiberglass Antenna



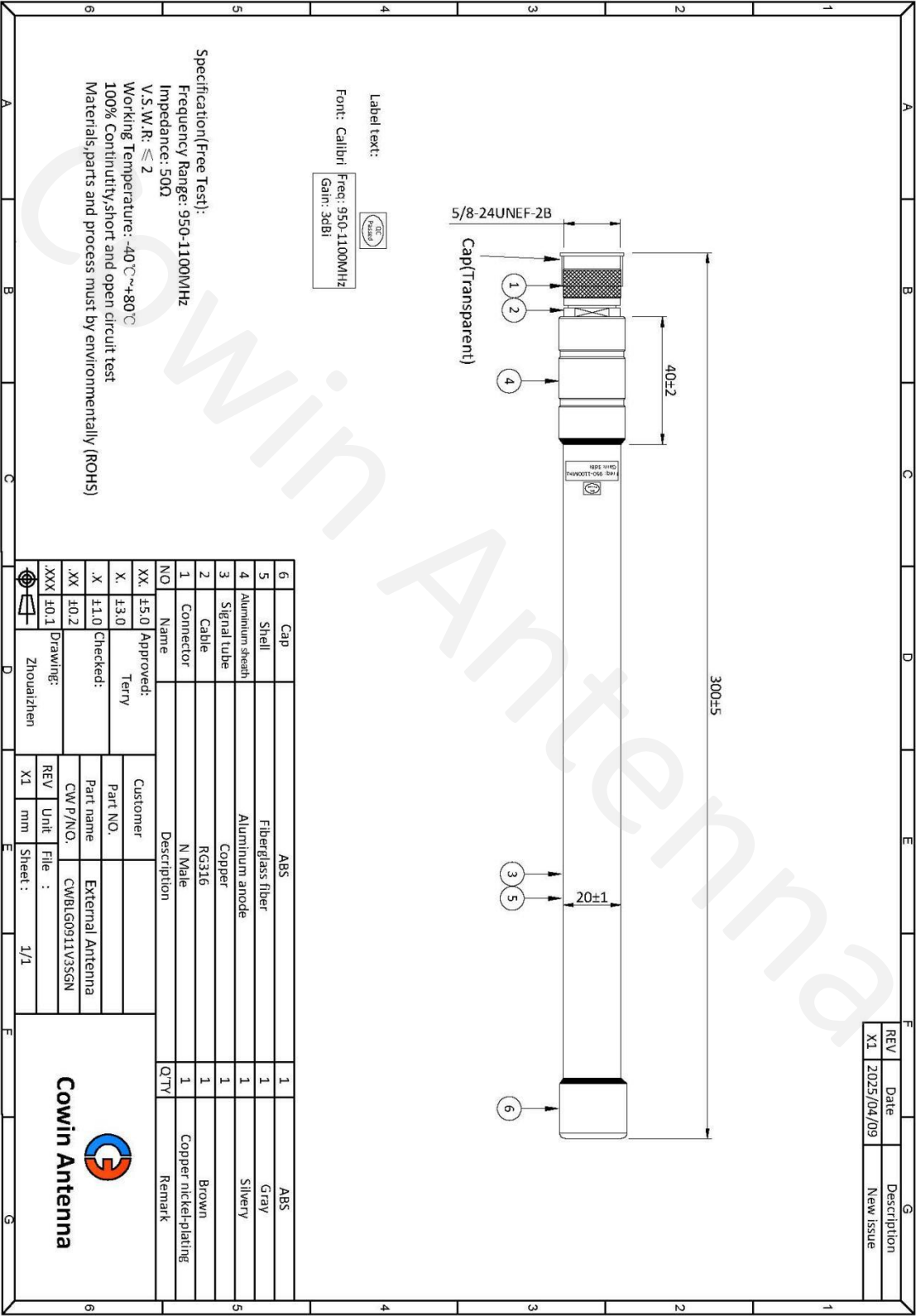
### Electrical Specifications 电性指标

|                                          |                 |
|------------------------------------------|-----------------|
| Part Number 料号                           | CWBLG0911V3SGN  |
| Frequency Range 频率范围                     | 950-1100MHz     |
| Bandwidth 带宽                             | 150MHz          |
| Peak Gain 峰值增益                           | 3dBi            |
| Radiation Direction 辐射方向                 | Omnidirectional |
| Polarization 极化方式                        | Vertical        |
| Electrical Downtilt 电下倾角                 | /               |
| Half Power Beamwidths 半功率波瓣宽度            | /               |
| First Upper Sidelobe Suppression 第一上旁瓣抑制 | /               |
| Front-to-rear ratio 前后比                  | /               |
| Impedance 输入阻抗                           | 50Ω             |
| VSWR 电压驻波比                               | ≤ 2.0           |
| Maximum Power 最大功率                       | 50W             |
| Lightning Protection 雷电保护                | DC Grounding    |

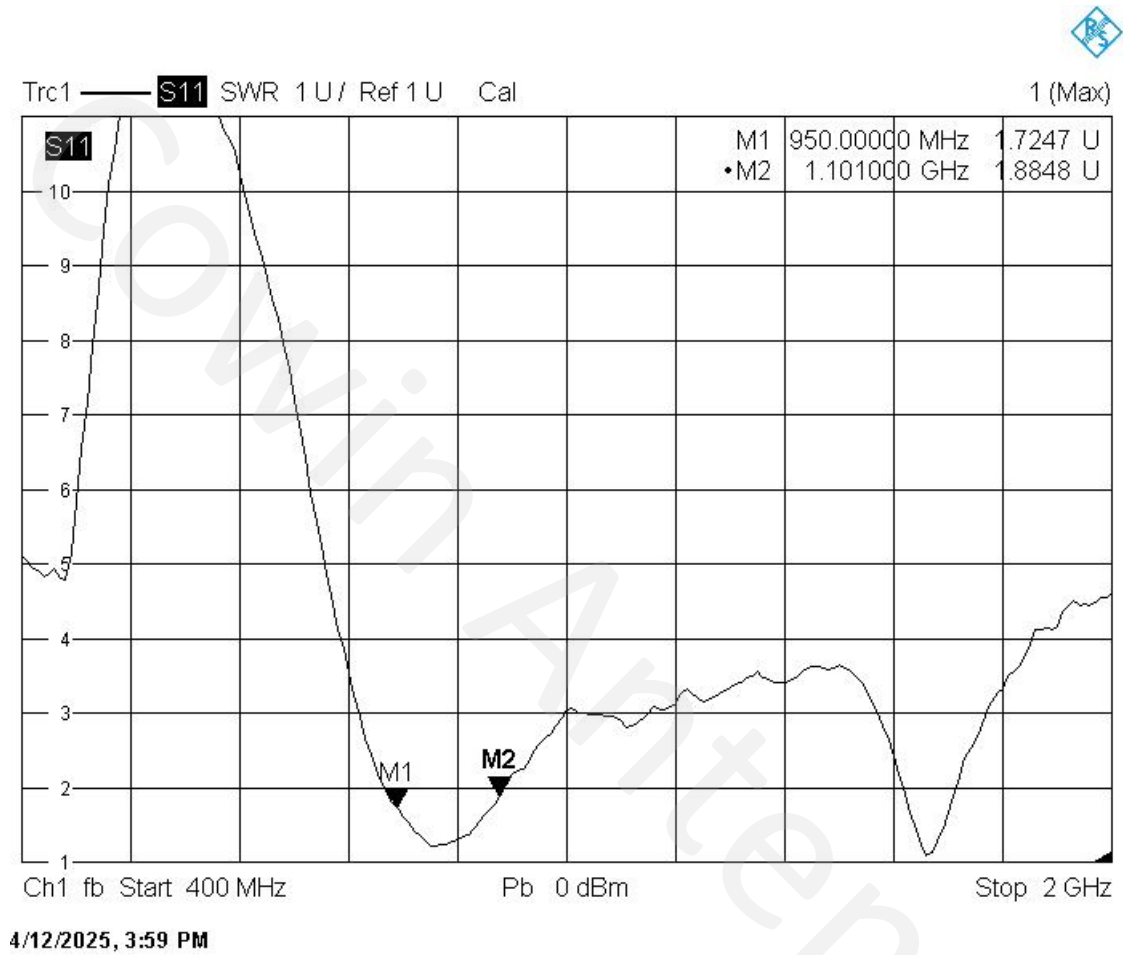
## Mechanical Specifications 机械性能

|                                           |                                         |
|-------------------------------------------|-----------------------------------------|
| Connector Type 接头类型                       | N Male                                  |
| Connector Position 接头位置                   | /                                       |
| Cable type 线材类型                           | /                                       |
| Antenna Size 天线尺寸                         | 300*20MM                                |
| Antenna Weight 天线重量                       | 0.25KG                                  |
| Radome Material 外罩材料                      | Fiberglass                              |
| Radome Colour 外罩颜色                        | Gray                                    |
| Mechanically Adjustable Tilt Angle 机械可调倾角 | /                                       |
| Temperature Range 温度                      | -40-80℃                                 |
| Extreme Wind Speed 极限风速                   | 60m/s                                   |
| Pole Diameter 抱杆直径                        | 30-50MM                                 |
| Mounting Method 安装方式                      | /                                       |
| Mounting Model 安装件型号                      | Used with suction cups and other mounts |
| Environmental Standards 环保标准              | ROHS/REACH                              |





## V.S.W.R



## Efficiency

| Frequency (MHz) | Efficiency ( %) |
|-----------------|-----------------|
| 950             | 56.49           |
| 1010            | 63.39           |
| 1070            | 55.08           |

## Peak Gain

| Frequency (MHz) | Max Gain (dBi) |
|-----------------|----------------|
| 950             | 2.89           |
| 1010            | 3.08           |
| 1070            | 2.80           |

## 2D Radiation Patterns

