

## 3dBi 5GHz Omni Fiberglass Antenna



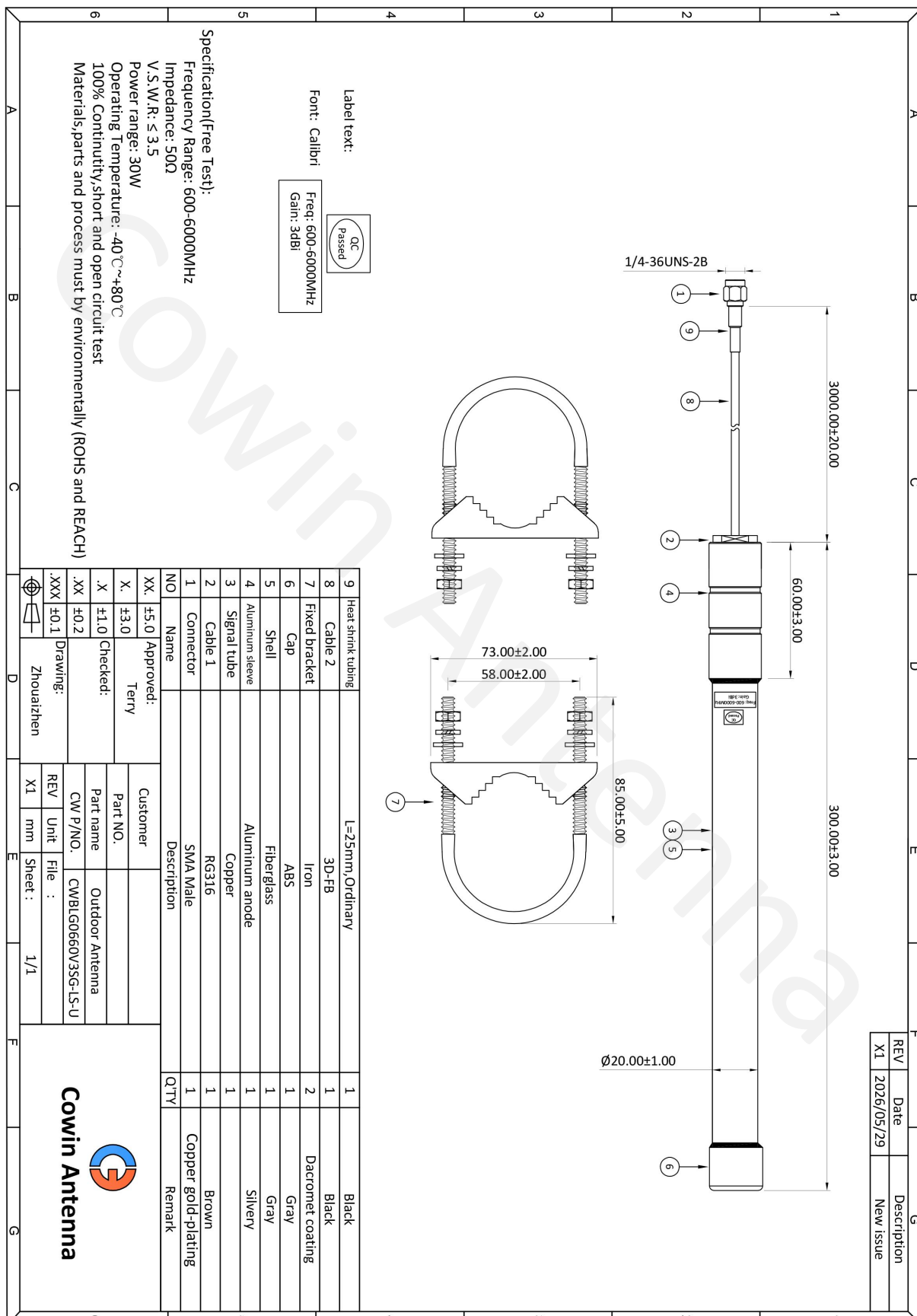
### Electrical Specifications 电性指标

|                                          |                    |              |              |              |
|------------------------------------------|--------------------|--------------|--------------|--------------|
| Part Number 料号                           | CWBLG0660V3SG-LS-U |              |              |              |
| Frequency Range 频率范围                     | 617-960MHz         | 1710-2690MHz | 3300-3800MHz | 5150-5850MHz |
| Bandwidth 带宽                             | 343MHz             | 980MHz       | 500MHz       | 700MHz       |
| 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                               | ≤ 3.5              | ≤ 3.0        | ≤ 3.0        | ≤ 3.0        |
| Maximum Power 最大功率                       | 30W                |              |              |              |
| Lightning Protection 雷电保护                | DC Grounding       |              |              |              |

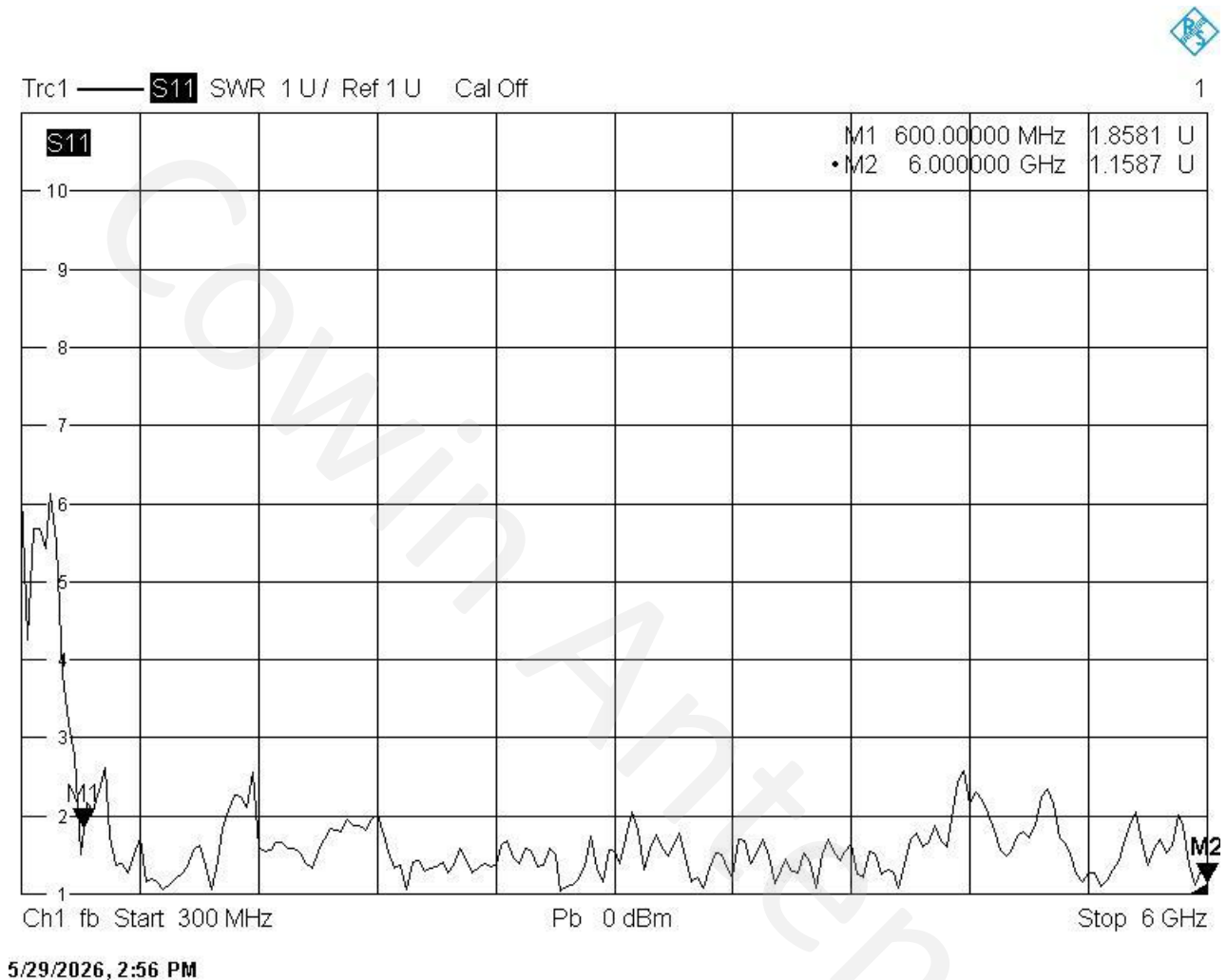
## Mechanical Specifications 机械性能

|                                           |                                                |
|-------------------------------------------|------------------------------------------------|
| Connector Type 接头类型                       | SMA Male                                       |
| Connector Position 接头位置                   | Bottom                                         |
| Cable type 线材类型                           | 3D-FB black /L=3M                              |
| Antenna Size 天线尺寸                         | 300*20MM                                       |
| Antenna Weight 天线重量                       | 0.15KG                                         |
| 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                      | -40-85℃                                        |
| Extreme Wind Speed 极限风速                   | 60m/s                                          |
| Pole Diameter 抱杆直径                        | /                                              |
| Mounting Method 安装方式                      | Use with suction cups and other mounting bases |
| Mounting Model 安装件型号                      | /                                              |
| Environmental Standards 环保标准              | ROHS/REACH                                     |





## V.S.W.R



## Efficiency

| Frequency (MHz) | Efficiency ( %) |
|-----------------|-----------------|
| 600             | 61.3            |
| 960             | 59.57           |
| 1320            | 67.76           |
| 1680            | 69.02           |
| 2040            | 78.16           |
| 2400            | 79.62           |
| 2760            | 77.8            |
| 3120            | 73.28           |
| 3480            | 66.53           |
| 3840            | 79.98           |
| 4200            | 87.1            |
| 4560            | 92.68           |
| 4920            | 82.04           |
| 5280            | 58.75           |
| 5640            | 66.07           |
| 6000            | 67.76           |

## Peak Gain

| Frequency (MHz) | Max Gain (dBi) |
|-----------------|----------------|
| 600             | 1.36           |
| 960             | 1.49           |
| 1320            | 1.84           |
| 1680            | 1.63           |
| 2040            | 1.66           |
| 2400            | 1.28           |
| 2760            | 1.72           |
| 3120            | 1.47           |
| 3480            | 2.13           |
| 3840            | 2.12           |
| 4200            | 2.34           |
| 4560            | 2.82           |
| 4920            | 2.38           |
| 5280            | 2.29           |
| 5640            | 2.56           |
| 6000            | 2.41           |

## 2D Radiation Patterns

