

3dBi 868MHz Omni Fiberglass Antenna



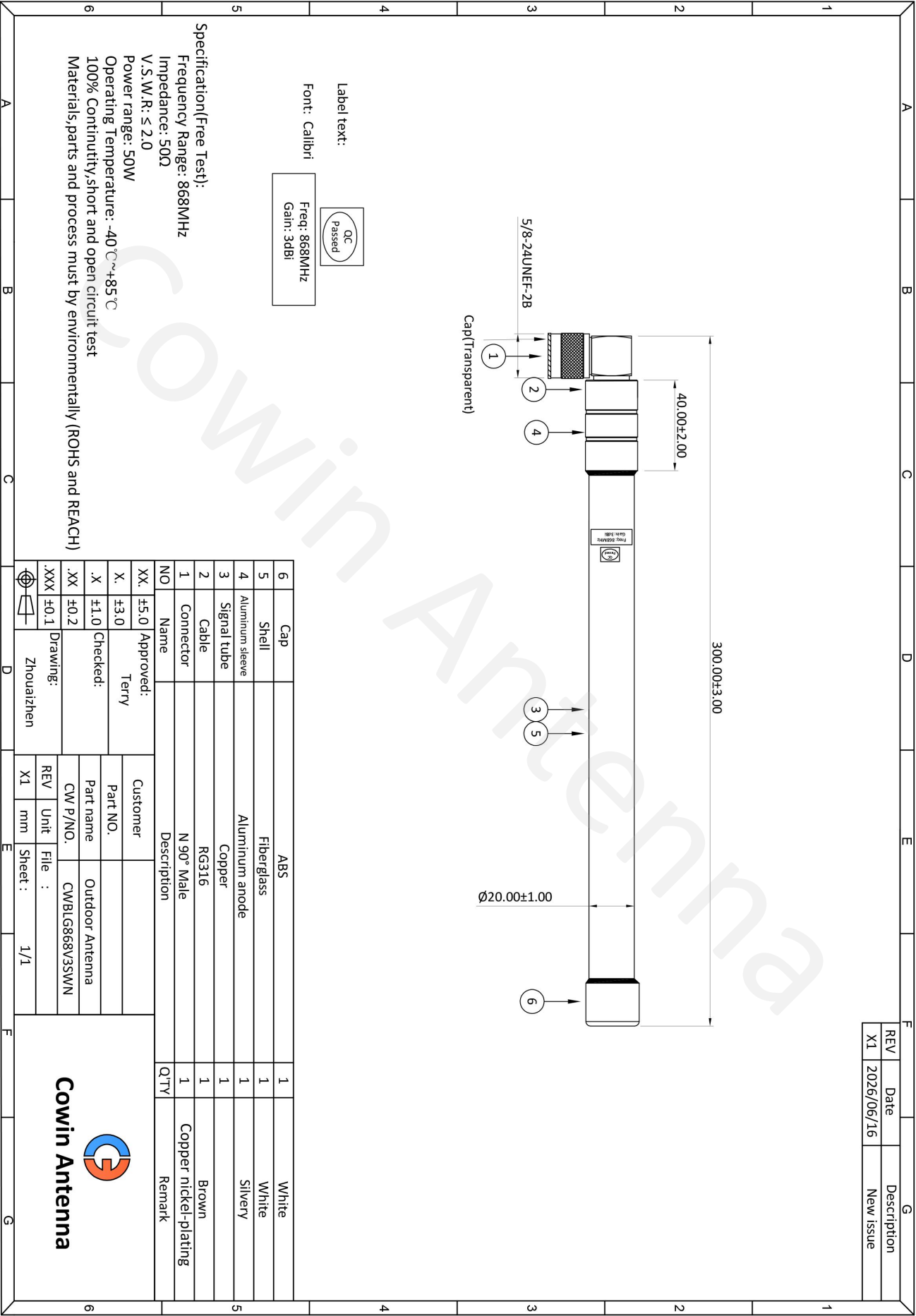
Electrical Specifications 电性指标

Part Number 料号	CWBLG868V3SWN
Frequency Range 频率范围	868MHz
Bandwidth 带宽	/
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

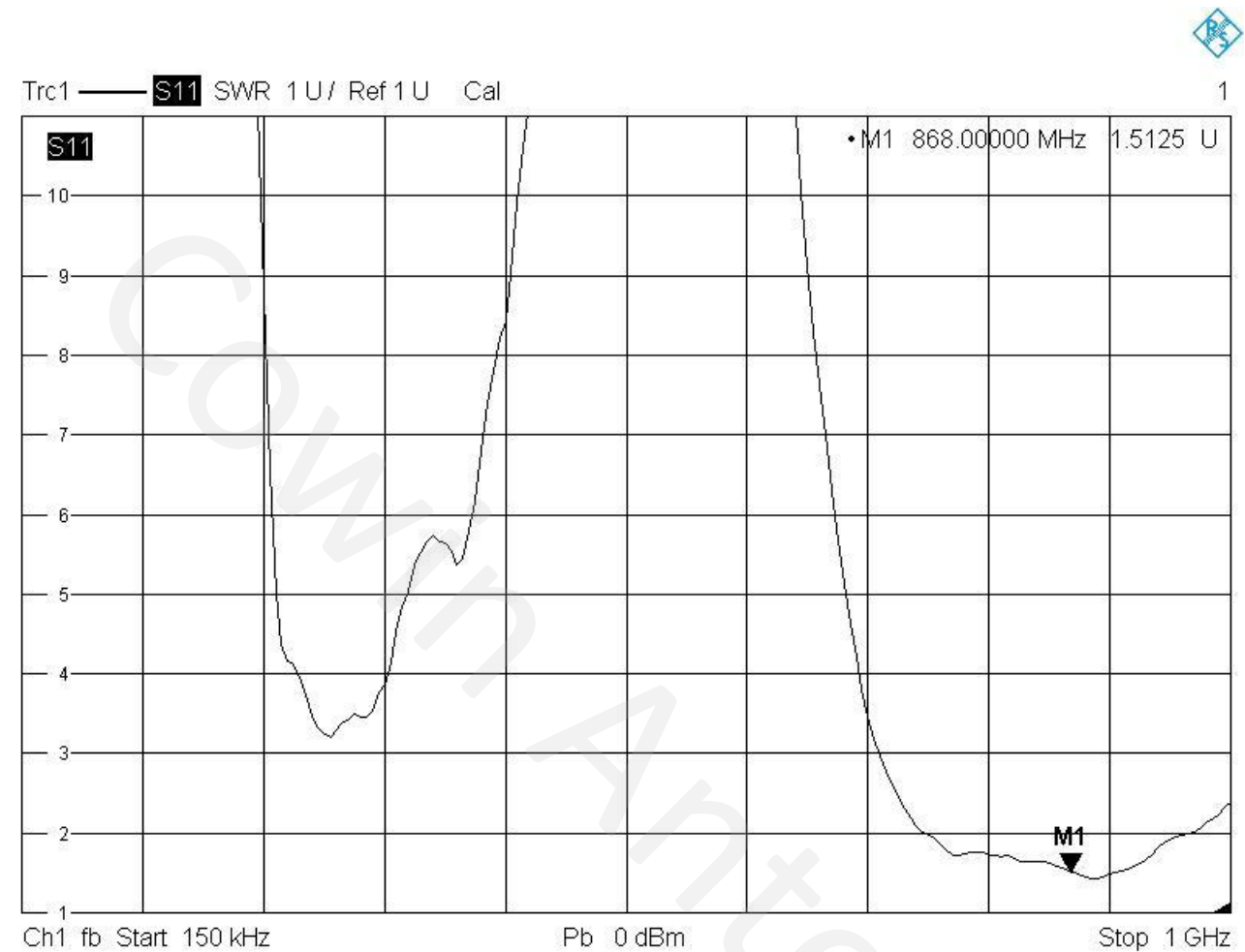
Connector Type 接头类型	Right angle N male(rotatable)
Connector Position 接头位置	Bottom
Cable type 线材类型	/
Antenna Size 天线尺寸	300*20MM
Antenna Weight 天线重量	0.25KG
Radome Material 外罩材料	Fiberglass
Radome Colour 外罩颜色	White
Mechanically Adjustable Tilt Angle 机械可调倾角	/
Temperature Range 温度	-40-85℃
Extreme Wind Speed 极限风速	60m/s
Pole Diameter 抱杆直径	30-50MM
Mounting Method 安装方式	Pole Mount
Mounting Model 安装件型号	/
Environmental Standards 环保标准	ROHS/REACH





REV	Date	Description
X1	2026/06/16	New issue

V.S.W.R



6/16/2026, 12:03 PM

Efficiency

Frequency (MHz)	Efficiency (%)
868	65.79

Cowin Antenna

Peak Gain

Frequency (MHz)	Max Gain (dBi)
868	2.52

2D Radiation Patterns

