

5.5dBi 840-855MHz Omni Fiberglass Antenna



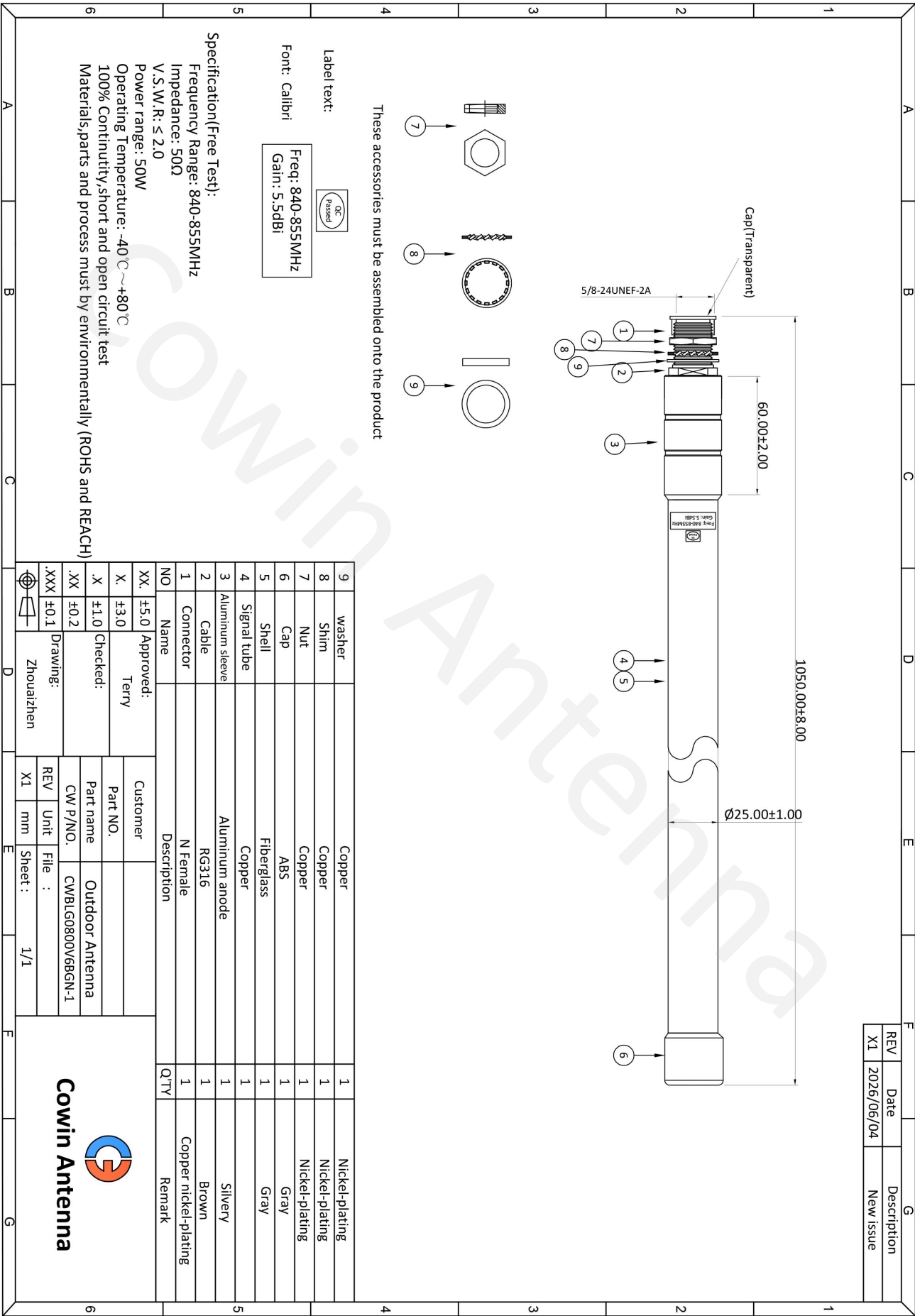
Electrical Specifications 电性指标

Part Number 料号	CWBLG800V6BGN-1
Frequency Range 频率范围	840-855MHz
Bandwidth 带宽	15MHz
Peak Gain 峰值增益	5.5dBi
Radiation Direction 辐射方向	Omnidirectional
Polarization 极化方式	Vertical
Electrical tilt 电倾角	Upward tilt angle $5^{\circ} \pm 1^{\circ}$
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

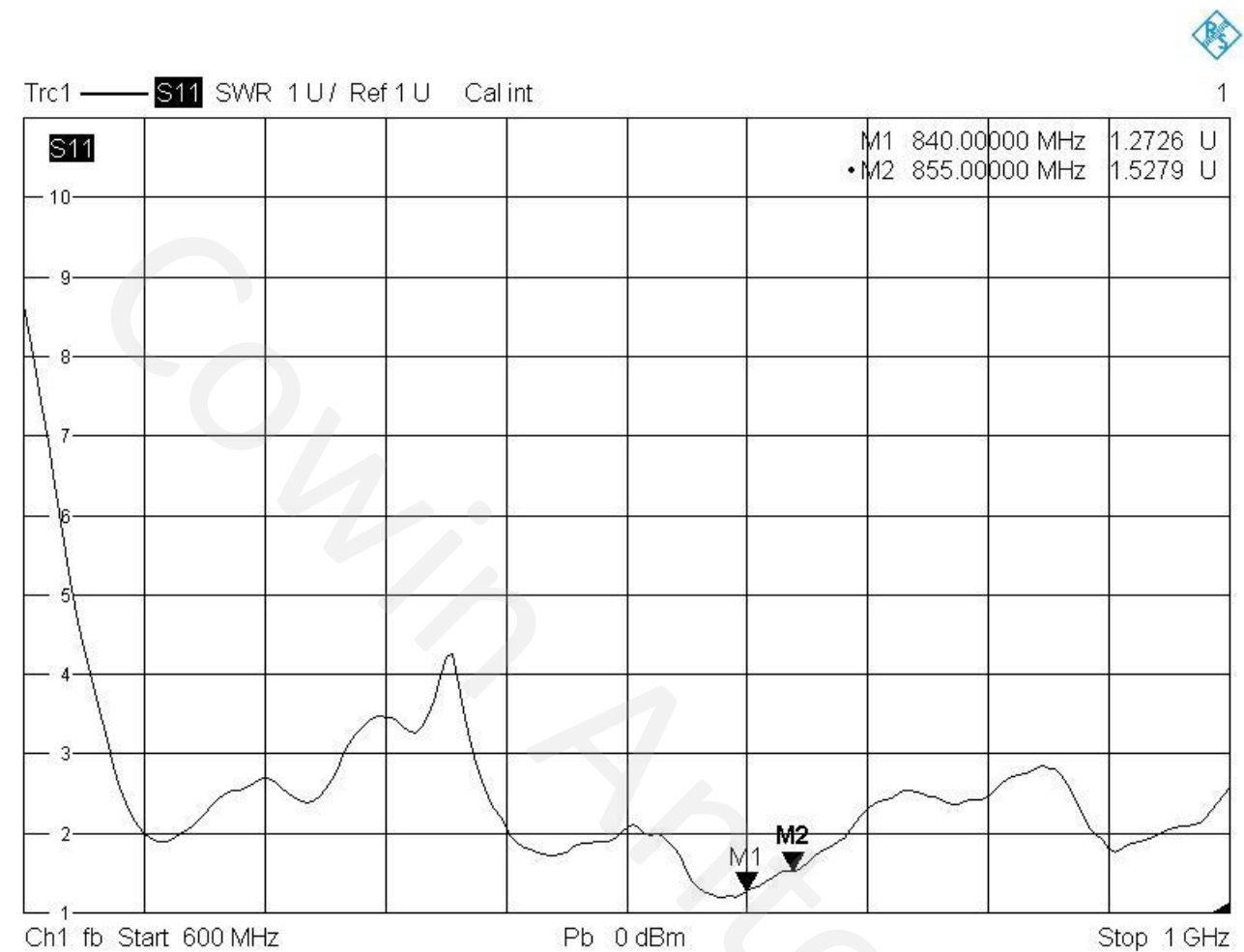
Mechanical Specifications 机械性能

Connector Type 接头类型	N Female (fully thread)
Connector Position 接头位置	Bottom
Cable type 线材类型	/
Antenna Size 天线尺寸	1050*25MM
Antenna Weight 天线重量	0.5KG
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	30-50MM
Mounting Method 安装方式	Pole Mount
Mounting Model 安装件型号	2*HXJM004.02/03/Dacromet
Environmental Standards 环保标准	ROHS/REACH





V.S.W.R



6/4/2026, 2:30 PM

Efficiency

Frequency (MHz)	Efficiency (%)
840	69.56
845	65.76
850	64.79
855	65.79

Peak Gain

Frequency (MHz)	Max Gain (dBi)
840	6.35
845	6.62
850	6.73
855	6.37

2D Radiation Patterns

