

8dBi 7.737-8.237GHz Omni Fiberglass Antenna



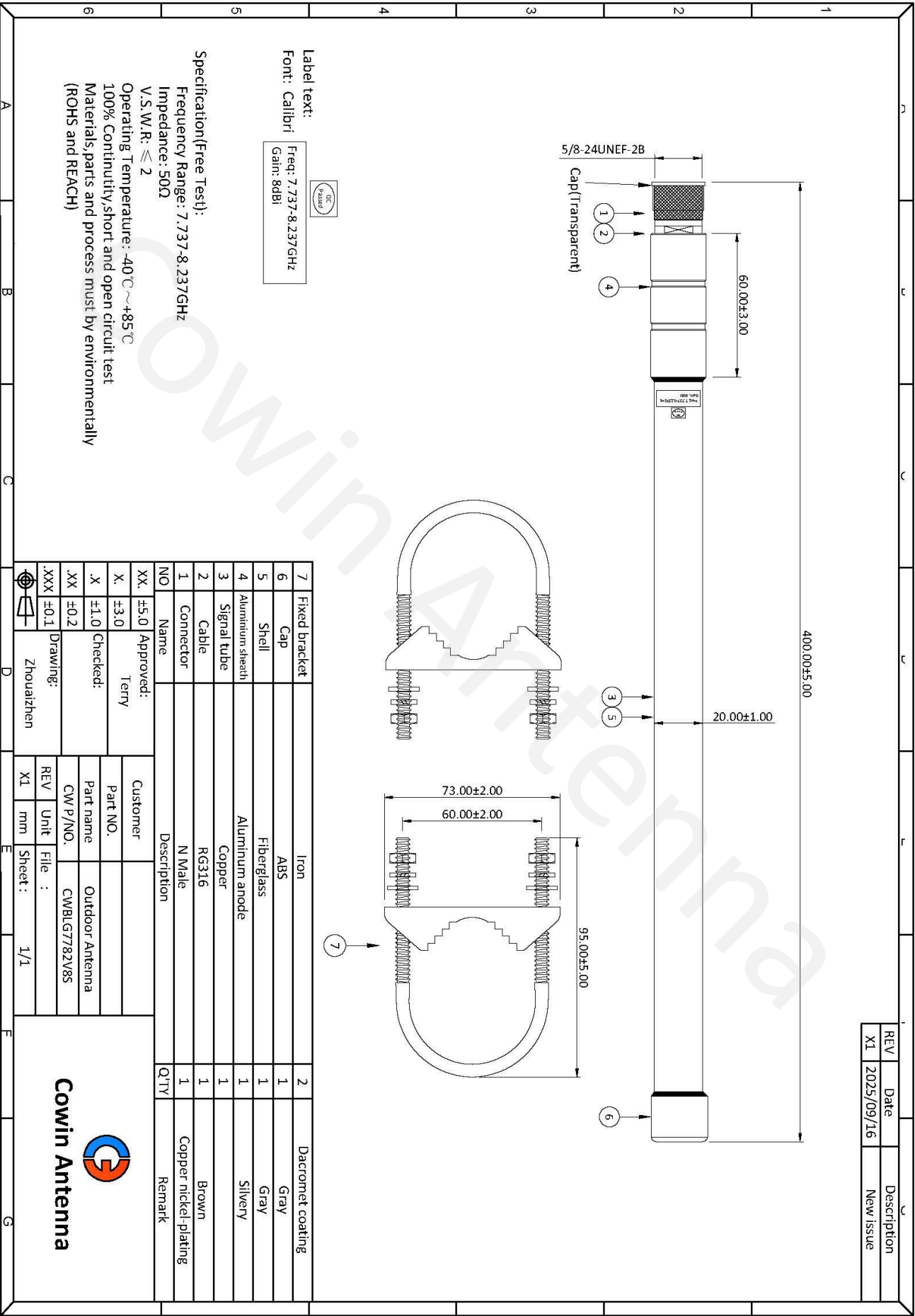
Electrical Specifications 电性指标

Part Number 料号	CWBLG0809V7SGN-U
Frequency Range 频率范围	7737-8237MHz
Bandwidth 带宽	500MHz
Peak Gain 峰值增益	8dBi
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	Non-Rotatable N Male
Connector Position 接头位置	Bottom
Cable type 线材类型	/
Antenna Size 天线尺寸	400*20MM
Antenna Weight 天线重量	0.3KG
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



Efficiency

Frequency (MHz)	Efficiency (%)
7737	66.87
7837	67.26
7937	63.93
8037	64.72
8137	69.79
8237	69.79

Peak Gain

Frequency (MHz)	Max Gain (dBi)
7737	7.43
7837	7.51
7937	7.62
8037	7.47
8137	7.54
8237	7.88

2D Radiation Patterns

