

9/8dBi 2.4/5.8GHz Omni Fiberglass Antenna



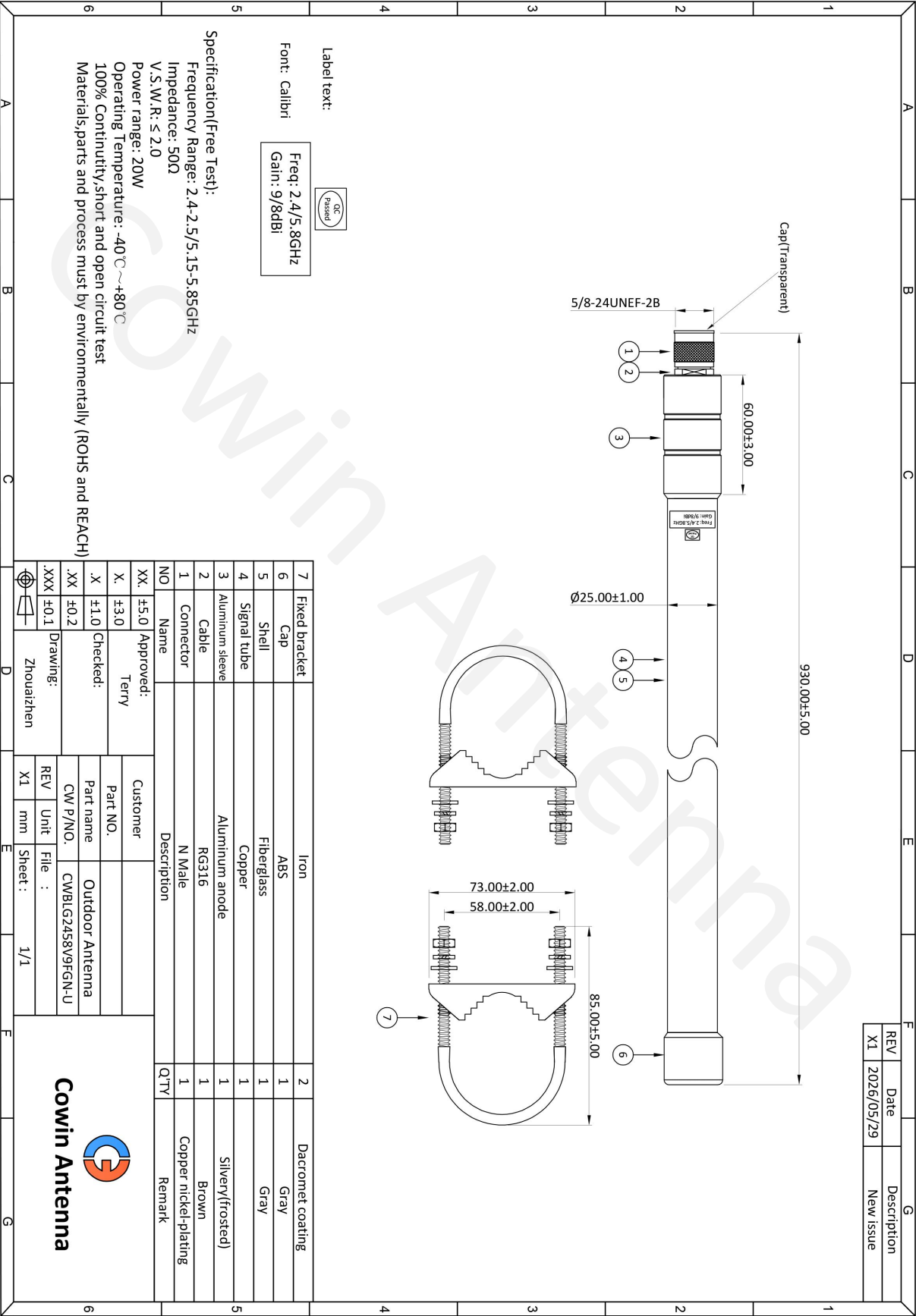
Electrical Specifications 电性指标

Part Number 料号	CWBLG2458V9FGN-U	
Frequency Range 频率范围	2400-2500MHz	5150-5850MHz
Bandwidth 带宽	100MHz	700MHz
Peak Gain 峰值增益	9/8dBi	
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	20W	
Lightning Protection 雷电保护	DC Grounding	

Mechanical Specifications 机械性能

Connector Type 接头类型	Rotatable N Male
Connector Position 接头位置	Bottom
Cable type 线材类型	/
Antenna Size 天线尺寸	930*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	/
Mounting Method 安装方式	Used in conjunction with magnetic suction plates and other mounting bases
Mounting Model 安装件型号	/
Environmental Standards 环保标准	ROHS/REACH



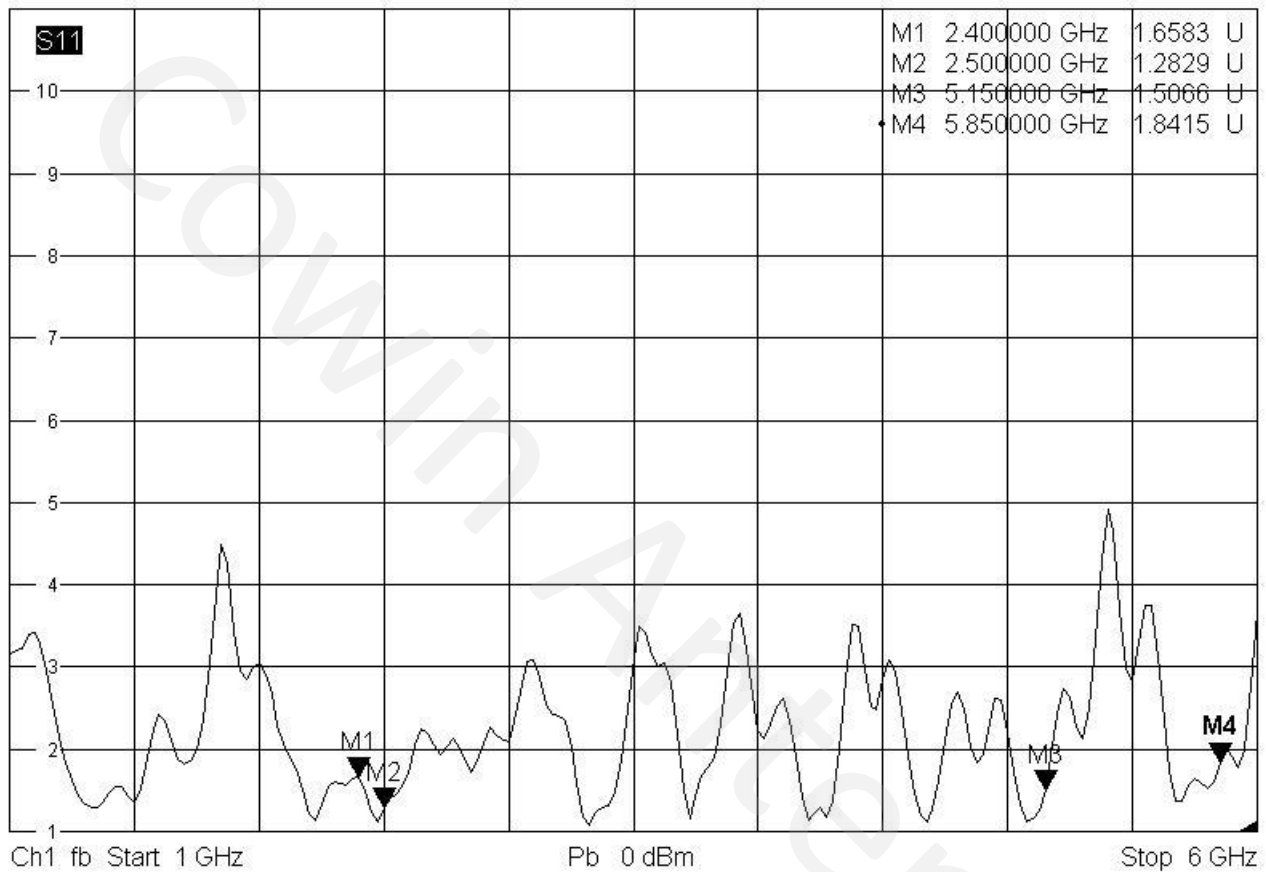


V.S.W.R



Trc1 — **S11** SWR 1 U / Ref 1 U Cal

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Efficiency

Frequency (MHz)	Efficiency (%)
2400	65.45
2450	67.12
2500	66.34
5150	66.79
5350	69.72
5550	65.67
5750	64.51
5850	66.45
5900	67.34

Peak Gain

Frequency (MHz)	Max Gain (dBi)
2400	8.44
2450	8.63
2500	8.71
5150	7.29
5350	7.12
5550	7.23
5750	7.44
5850	7.22
5900	7.79

2D Radiation Patterns

