COWIN

Product Datasheet

Omni Fiberglass Antenna

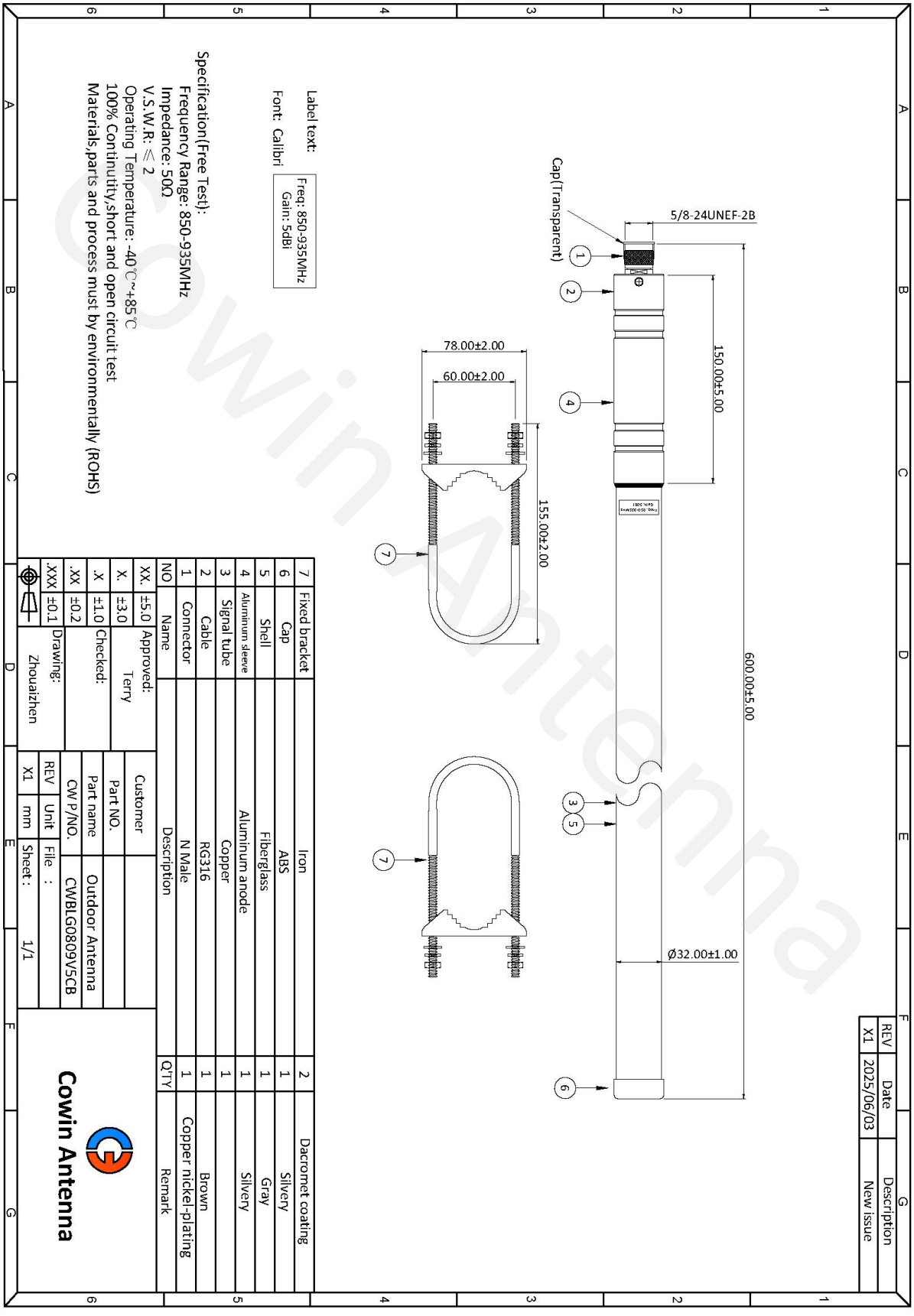


Electrical Specifications 电性指标	
Part Number 料号	**CWBLG0809V5CB**
Frequency Range 频率范围	**850-935MHz**
Bandwidth 带宽	**85MHz**
Peak Gain 峰值增益	**5dBi**
Radiation Direction 辐射方向	**Omnidirectional**
Polarization 极化方式	**Vertical**
Electrical Downtilt 电下倾角	**/**
Half Power Beamwidths 半功率波瓣宽度	**/**
First Upper 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	**100W**
Lightning Protection 雷电保护	**DC Grounding**

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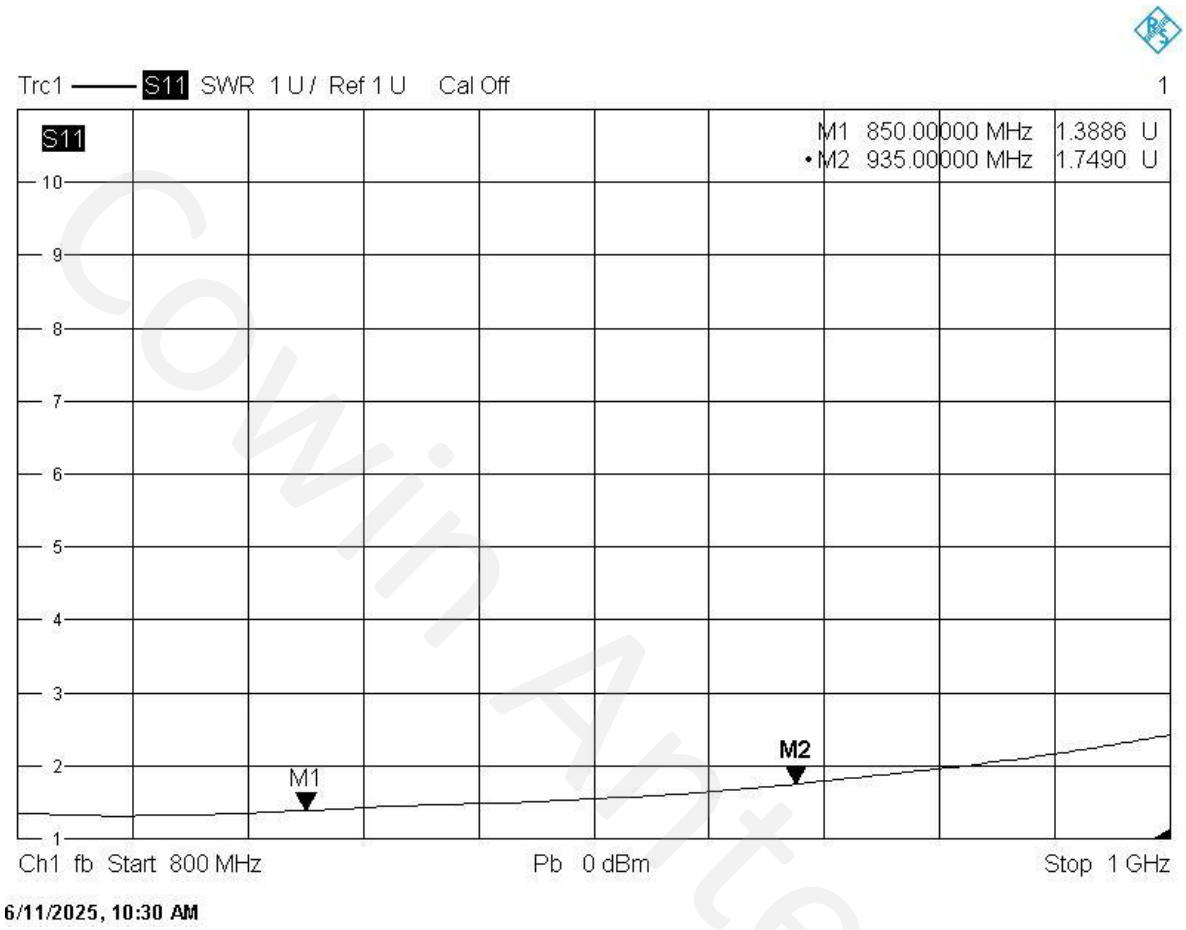
Mechanical Specifications 机械性能	
Connector Type 接头类型	**N Male**
Connector Position 接头位置	**Bottom**
Cable type 线材类型	**/**
Antenna Size 天线尺寸	**600*32MM**
Antenna Weight 天线重量	**1.5KG**
Radome Material 外罩材料	**Fiberglass**
Radome Colour 外罩颜色	**Gray**
Mechanically Adjustable Tilt Angle 机械可调倾角	**/**
Temperature 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	**Bracket Mount**
Mounting Model 安装件型号	**HXJM008/Dacromet**
Environmental Standards 环保标准	**ROHS/REACH**

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V.S.W.R



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Efficiency

Frequency (MHz)	Efficiency (%)
850	69.63
867	67.41
884	67.48
901	64.95
918	63.28
935	64.83

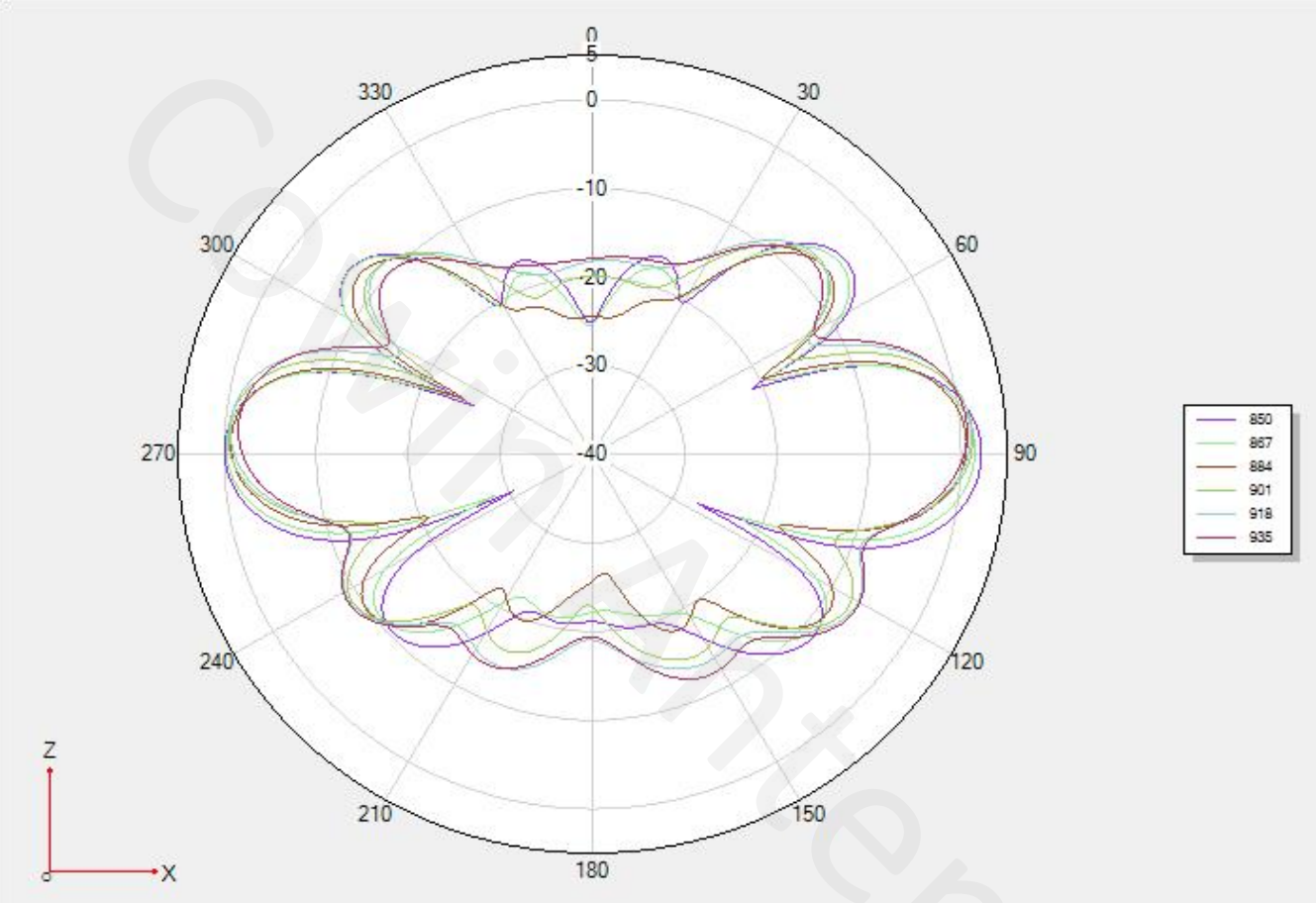
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Peak Gain

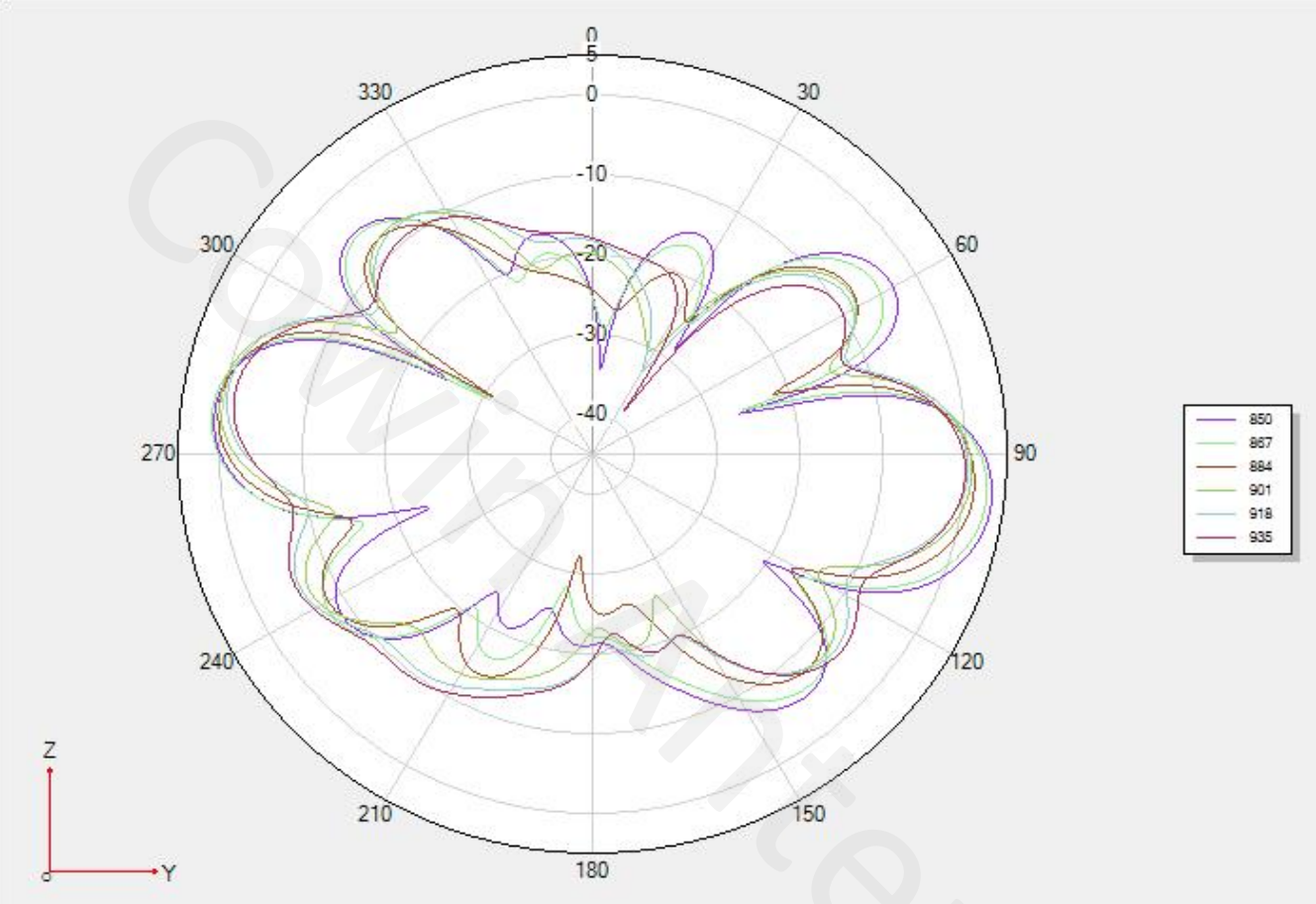
Frequency (MHz)	Max Gain (dBi)
850	4.66
867	4.89
884	4.28
901	4.76
918	4.64
935	4.38

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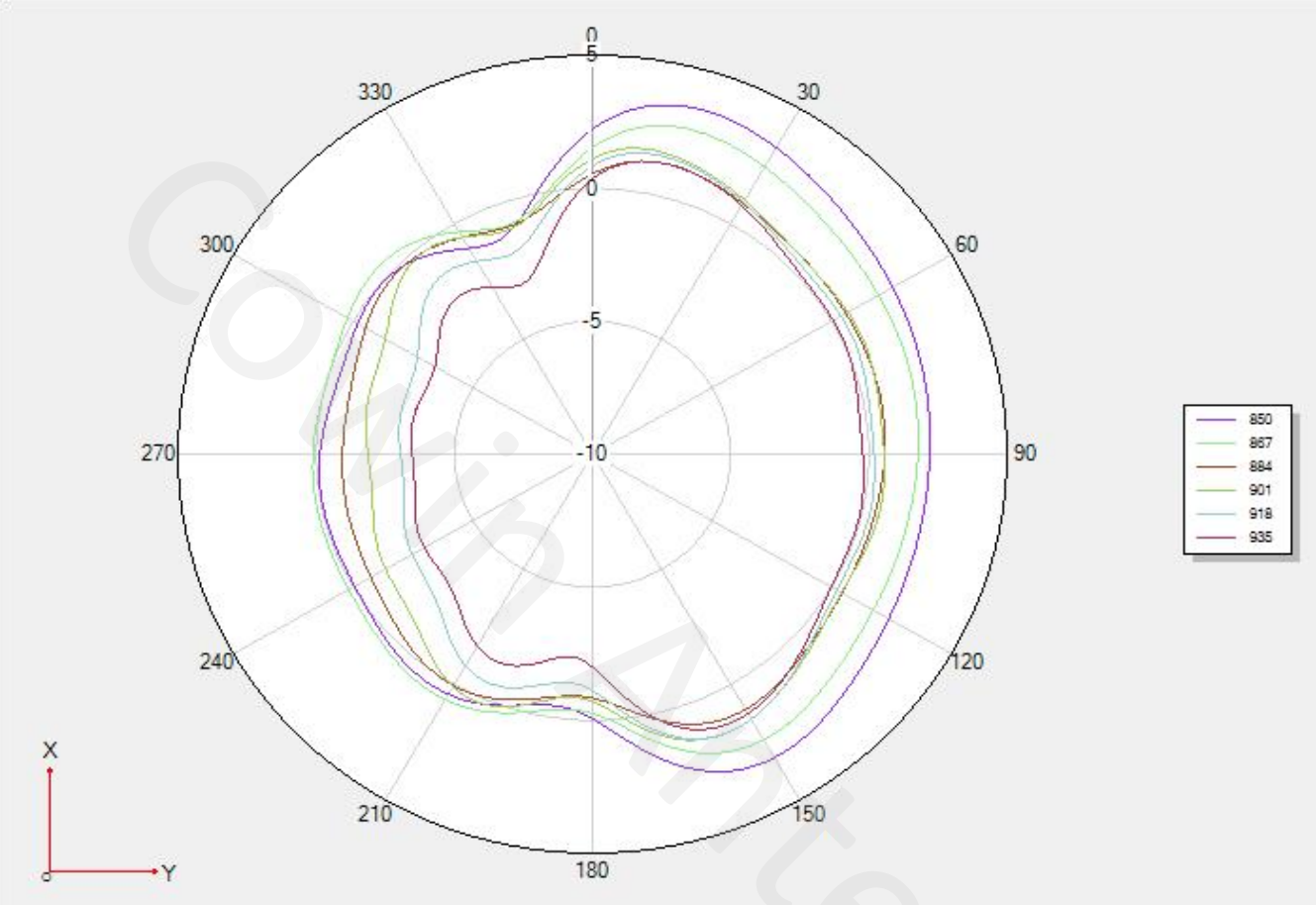
2D Radiation Patterns



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