COWIN

Product Datasheet

500-700MHz Omni Antenna

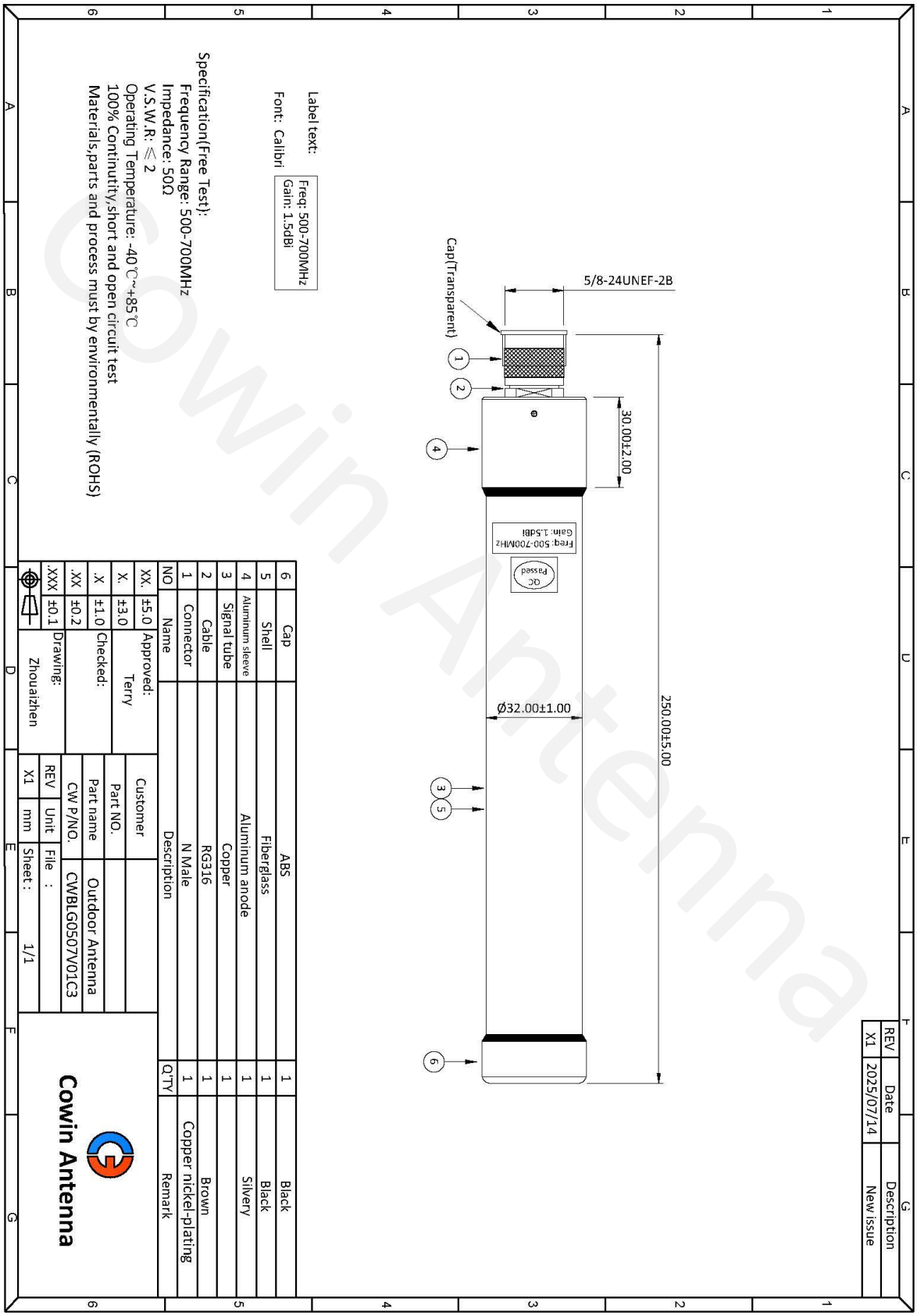


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Electrical Specifications 电性指标	
Part Number 料号	**CWBLG0507V01C3**
Frequency Range 频率范围	**500-700MHz**
Bandwidth 带宽	**200MHz**
Peak Gain 峰值增益	**1.5dBi**
Radiation Direction 辐射方向	**Omnidirectional**
Polarization 极化方式	**Vertical**
Electrical Downtilt 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**

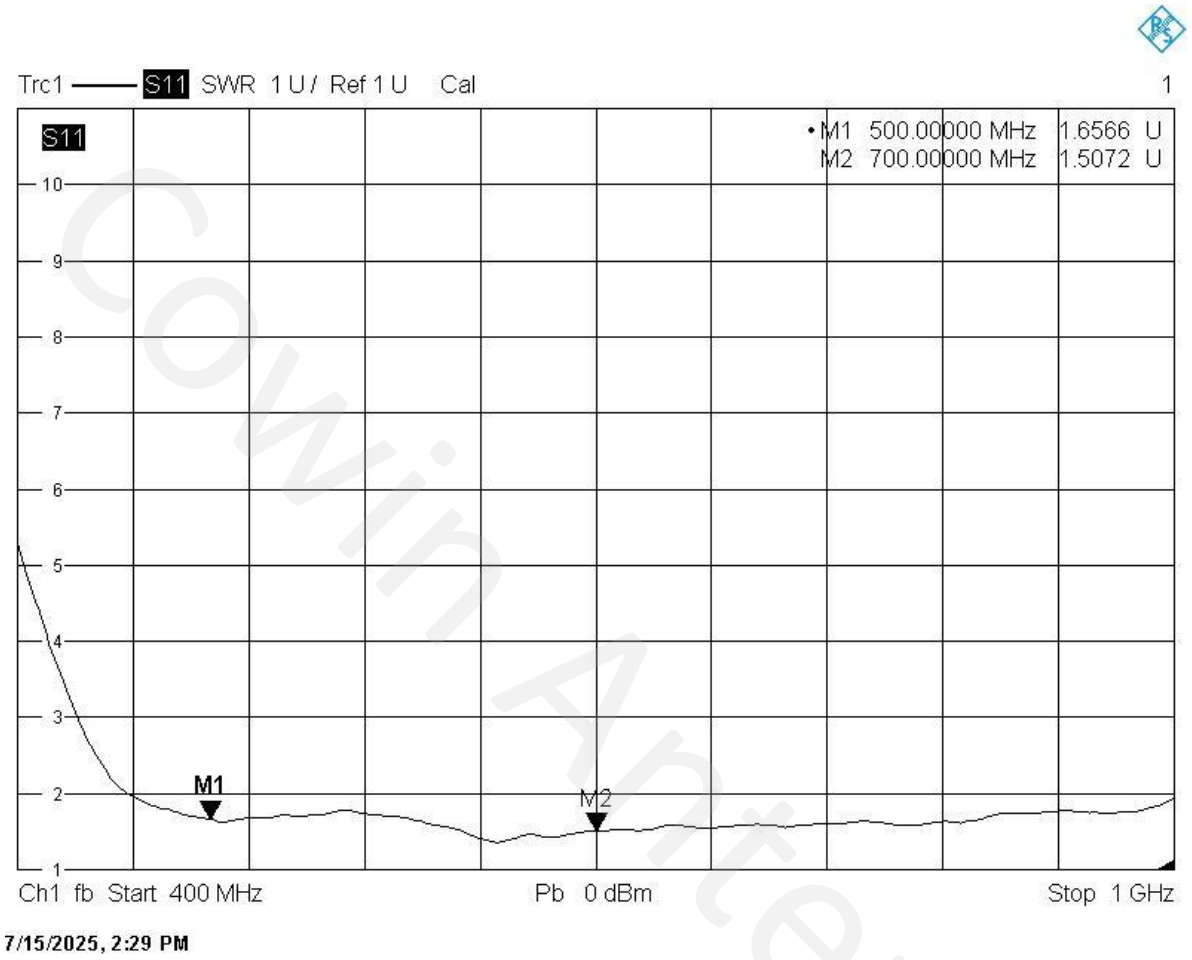
Mechanical Specifications 机械性能	
Connector Type 接头类型	**N Male**
Connector Position 接头位置	**Bottom**
Cable type 线材类型	**/**
Antenna Size 天线尺寸	**250*32MM**
Antenna Weight 天线重量	**0.3KG**
Radome Material 外罩材料	**Fiberglass**
Radome Colour 外罩颜色	**Black**
Mechanically Adjustable Tilt Angle 机械可调倾角	**/**
Temperature Range 温度	**-40-85℃**
Extreme Wind Speed 极限风速	**60m/s**
Pole Diameter 抱杆直径	**35-50MM**
Mounting Method 安装方式	**use with magnetic base and other base**
Mounting Model 安装件型号	**/**
Environmental Standards 环保标准	**ROHS/REACH**

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Efficiency

Frequency (MHz)	Efficiency (%)
500	66.89
600	65.44
700	68.24

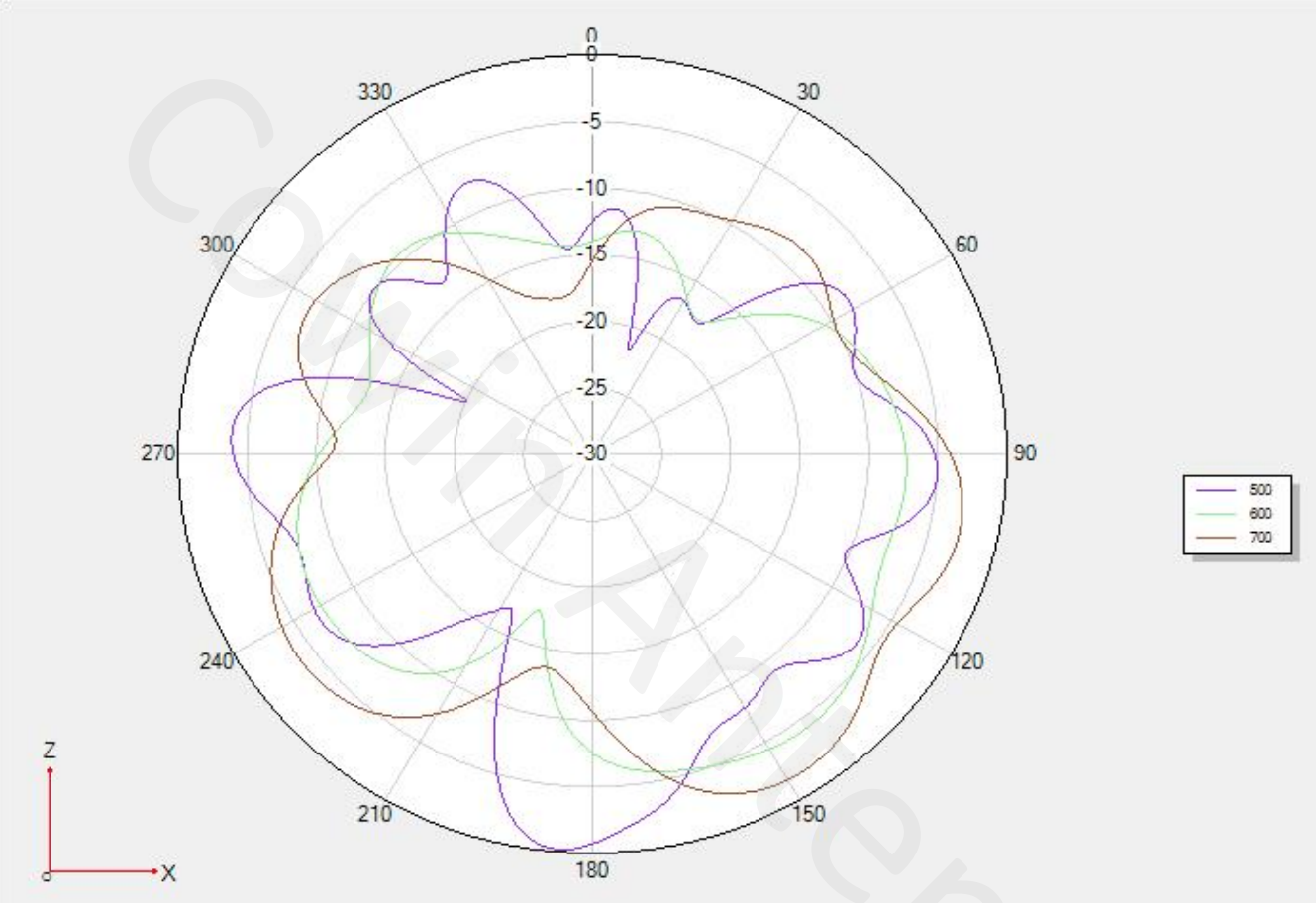
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Peak Gain

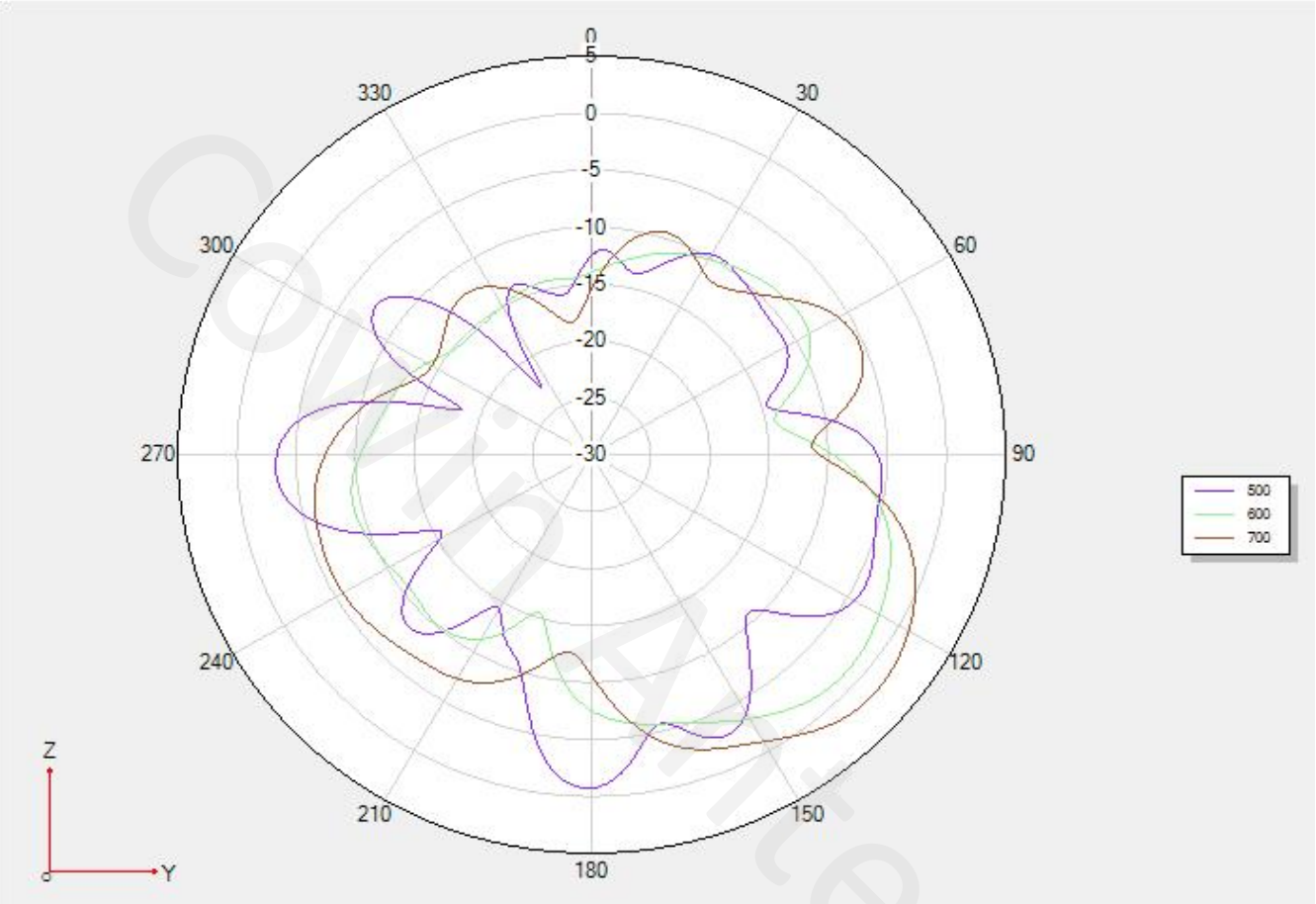
Frequency (MHz)	Max Gain (dBi)
500	1.44
600	1.44
700	1.39

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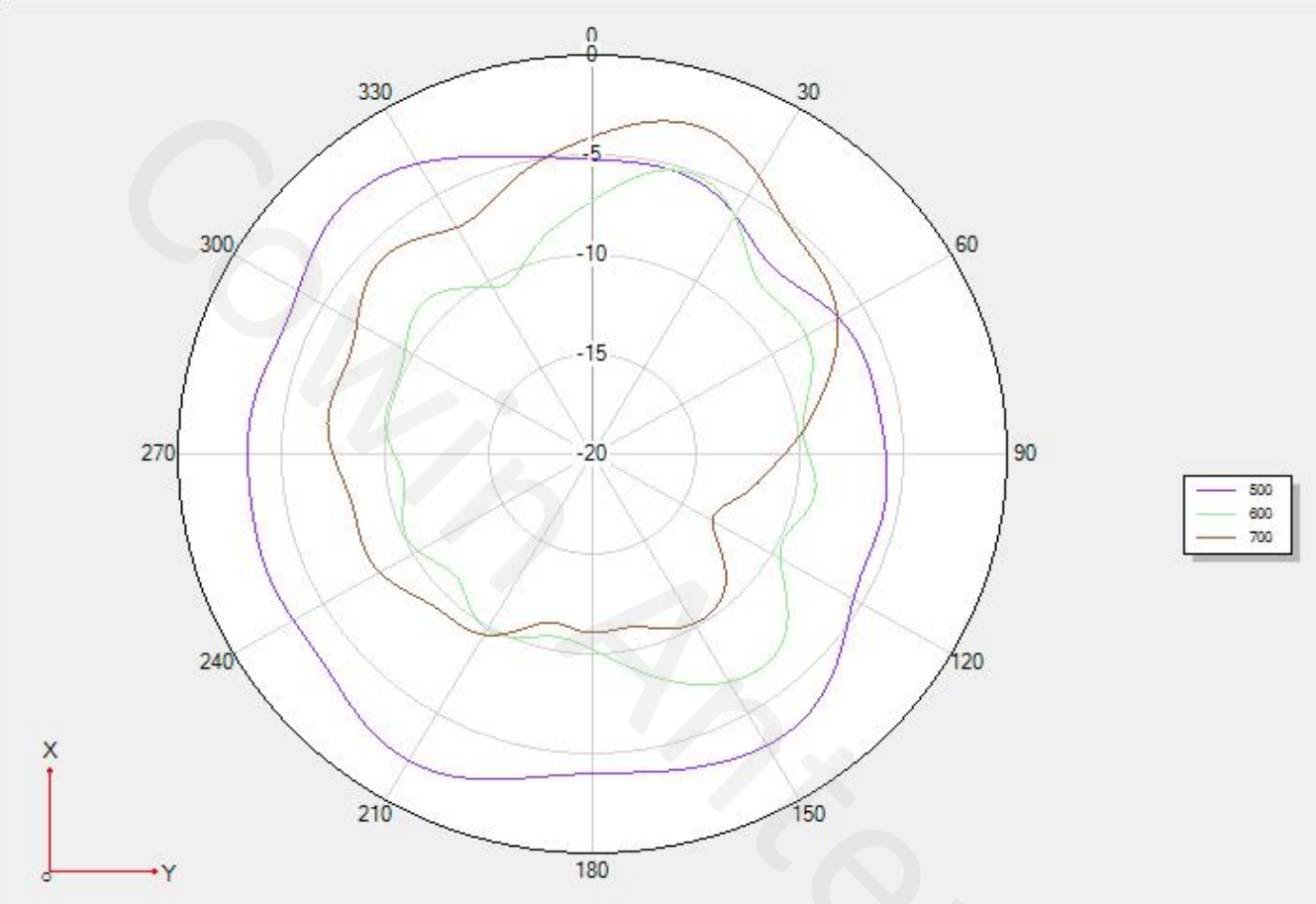
2D Radiation Patterns



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