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Product Datasheet

17/20dBi 2.4/5G Panel Antenna

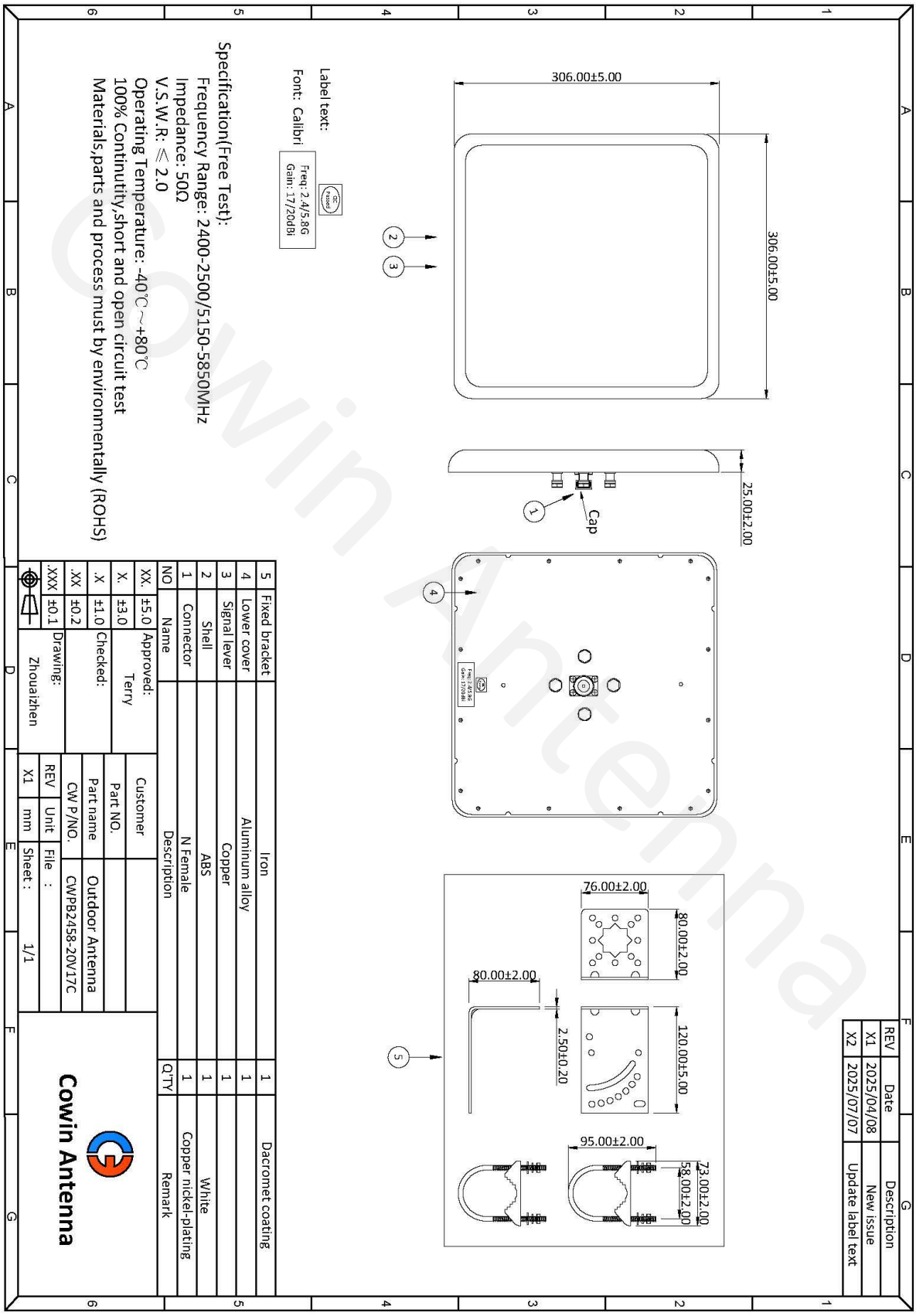


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Electrical Specifications 电性指标	
Part Number 料号	**CWPB2458-20V17C**
Frequency Range 频率范围	**2400-2500/5150-5850MHz**
Bandwidth 带宽	**100/700MHz**
Peak Gain 峰值增益	**17dBi @2.4G** **20dBi @5G**
Radiation Direction 辐射方向	**Directional**
Polarization 极化方式	**Vertical**
Electrical Downtilt 电下倾角	**/**
Half Power Beamwidths 半功率波瓣宽度	**H: 22° / V: 22°@2.4G** **H: 11° / V: 11°@5G**
First Upper Sidelobe Suppression 第一上旁瓣抑制	**/**
Front-to-rear ratio 前后比	**≥25dB**
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**

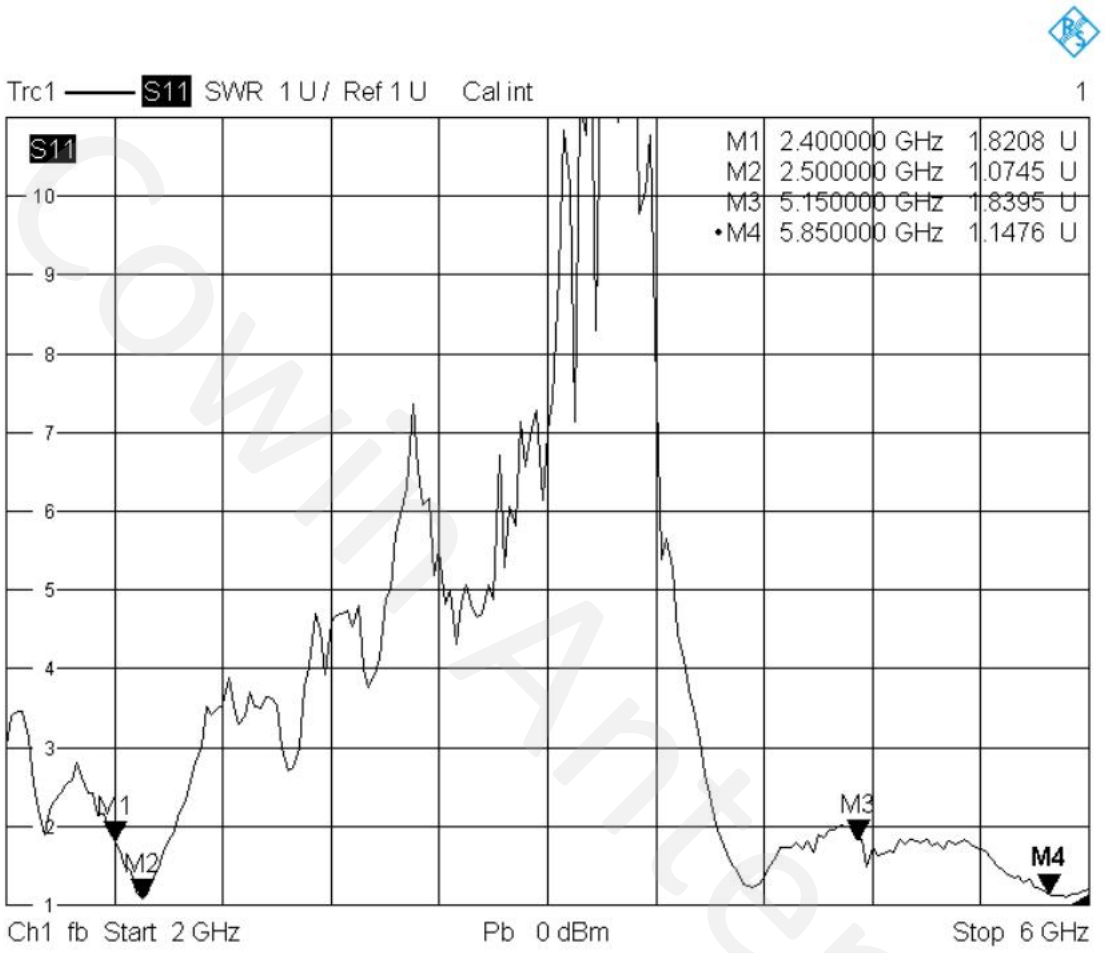
Mechanical Specifications 机械性能	
Connector Type 接头类型	**N Female**
Connector Position 接头位置	**Back**
Cable type 线材类型	**/**
Antenna Size 天线尺寸	**306*306*25MM**
Antenna Weight 天线重量	**1.4KG**
Radome Material 外罩材料	**ABS**
Radome Colour 外罩颜色	**White**
Mechanically Adjustable Tilt Angle 机械可调倾角	**0-30℃**
Temperature Range 温度	**-40-60℃**
Extreme Wind Speed 极限风速	**60m/s**
Pole Diameter 抱杆直径	**35-50MM**
Mounting Method 安装方式	**Wall Mount**
Mounting Model 安装件型号	**/**
Environmental Standards 环保标准	**ROHS/REACH**

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Efficiency

Frequency (MHz)	Efficiency (%)
2400	60.53
2450	58.61
2500	53.7
4900	65.29
5150	70.46
5500	65.51
5850	68.16

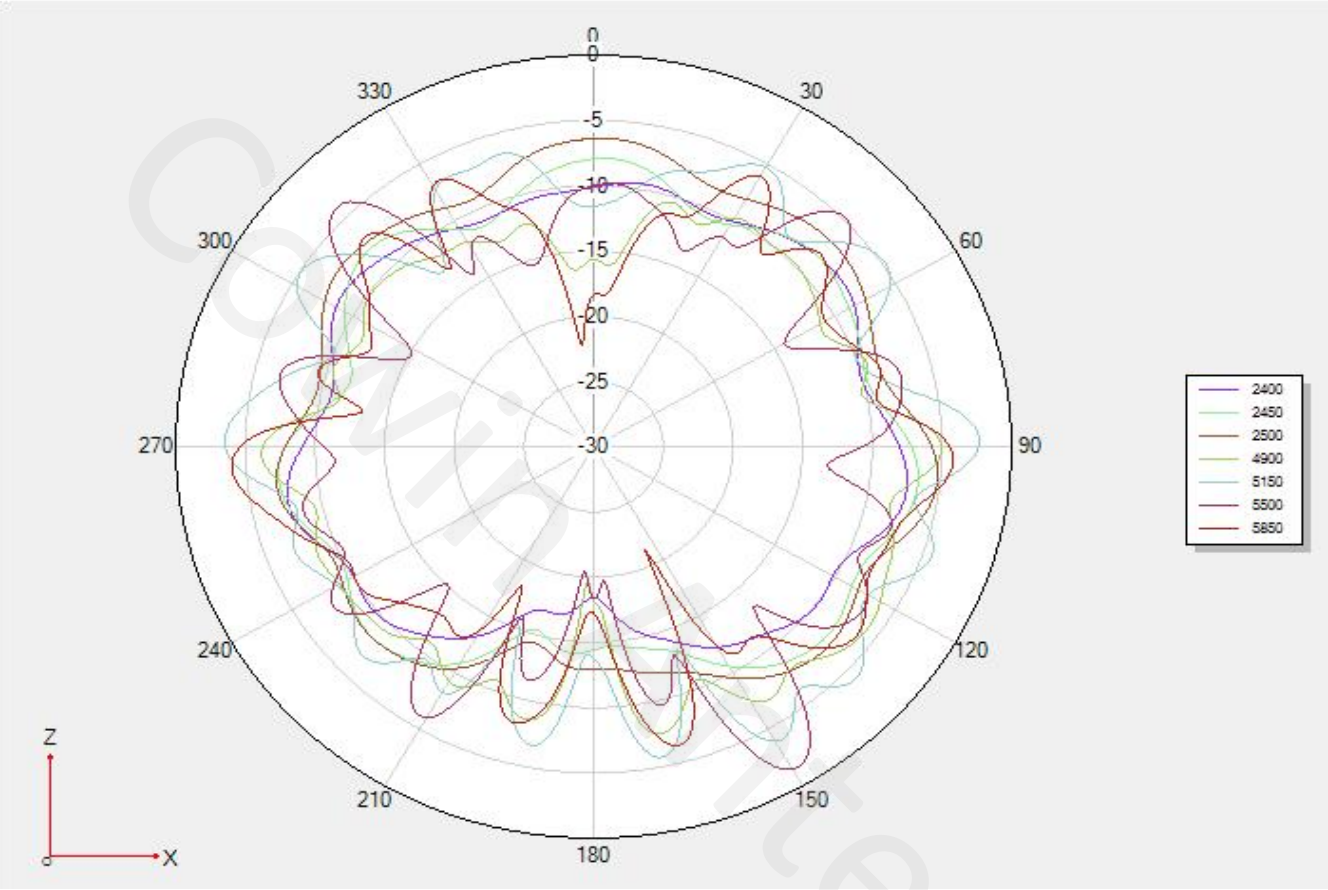
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Peak Gain

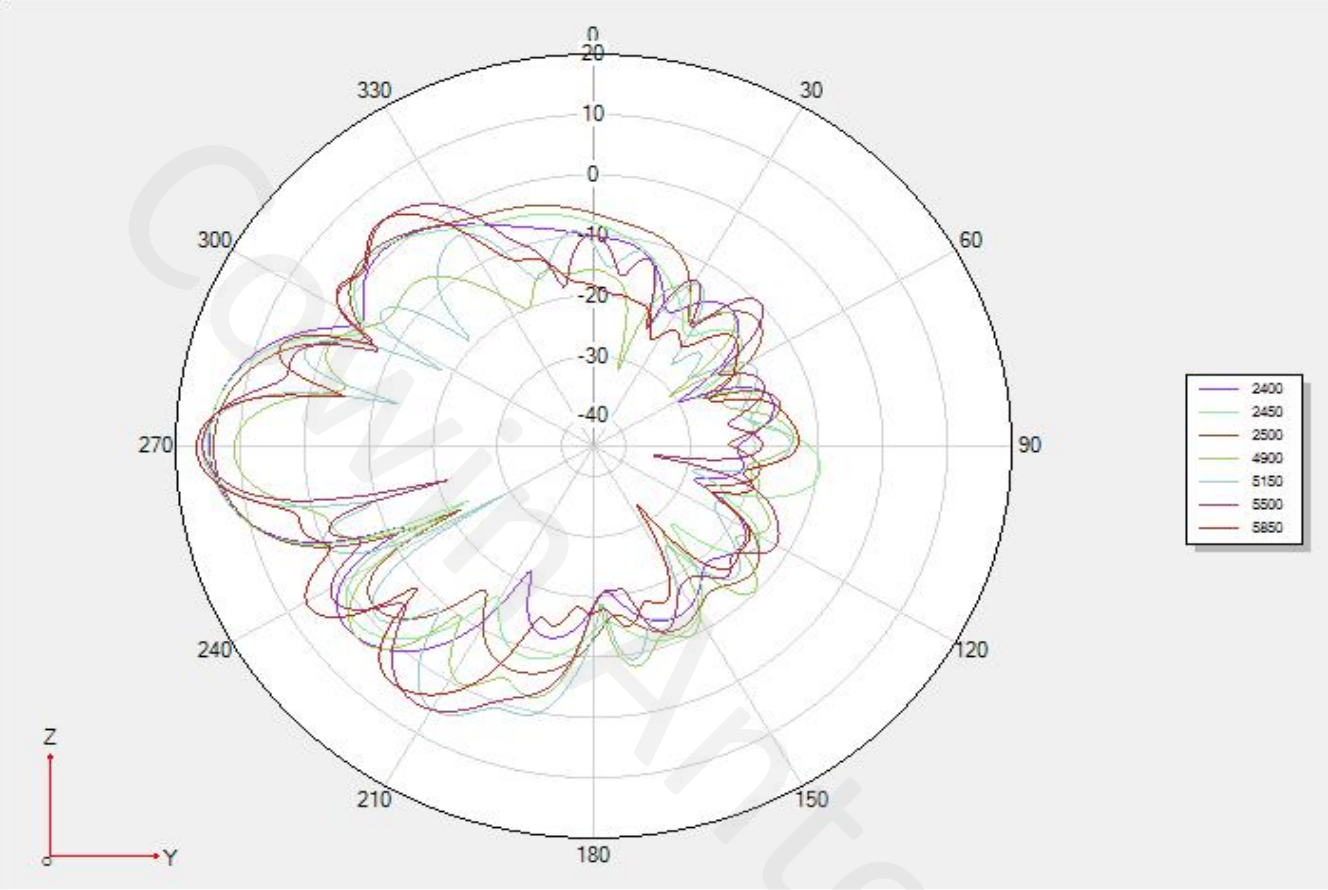
Frequency (MHz)	Max Gain (dBi)
2400	16.83
2450	16.94
2500	16.8
4900	19.94
5150	19.84
5500	19.82
5850	19.75

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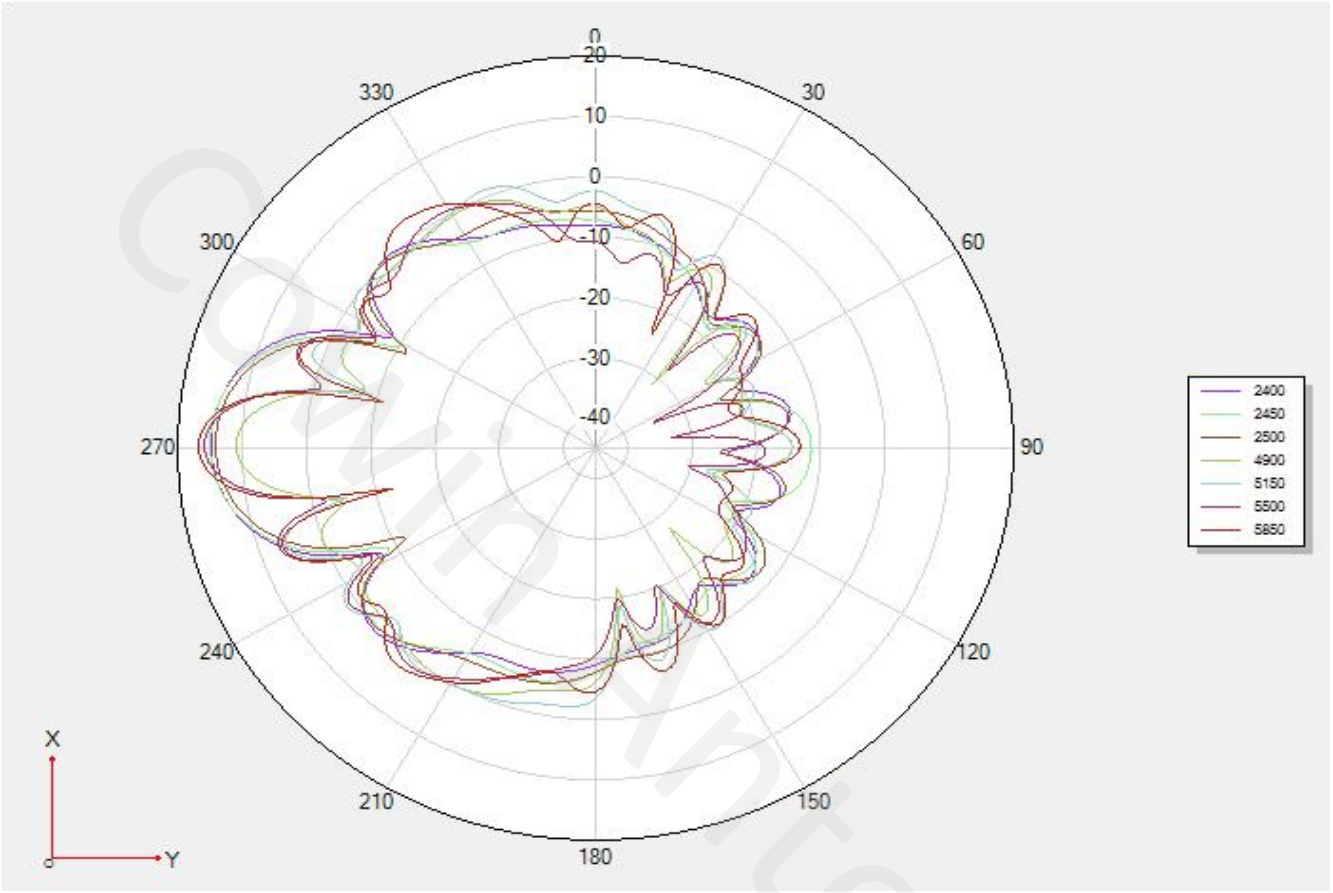
2D Radiation Patterns



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