

9dBi 900MHz Directional Panel Antenna



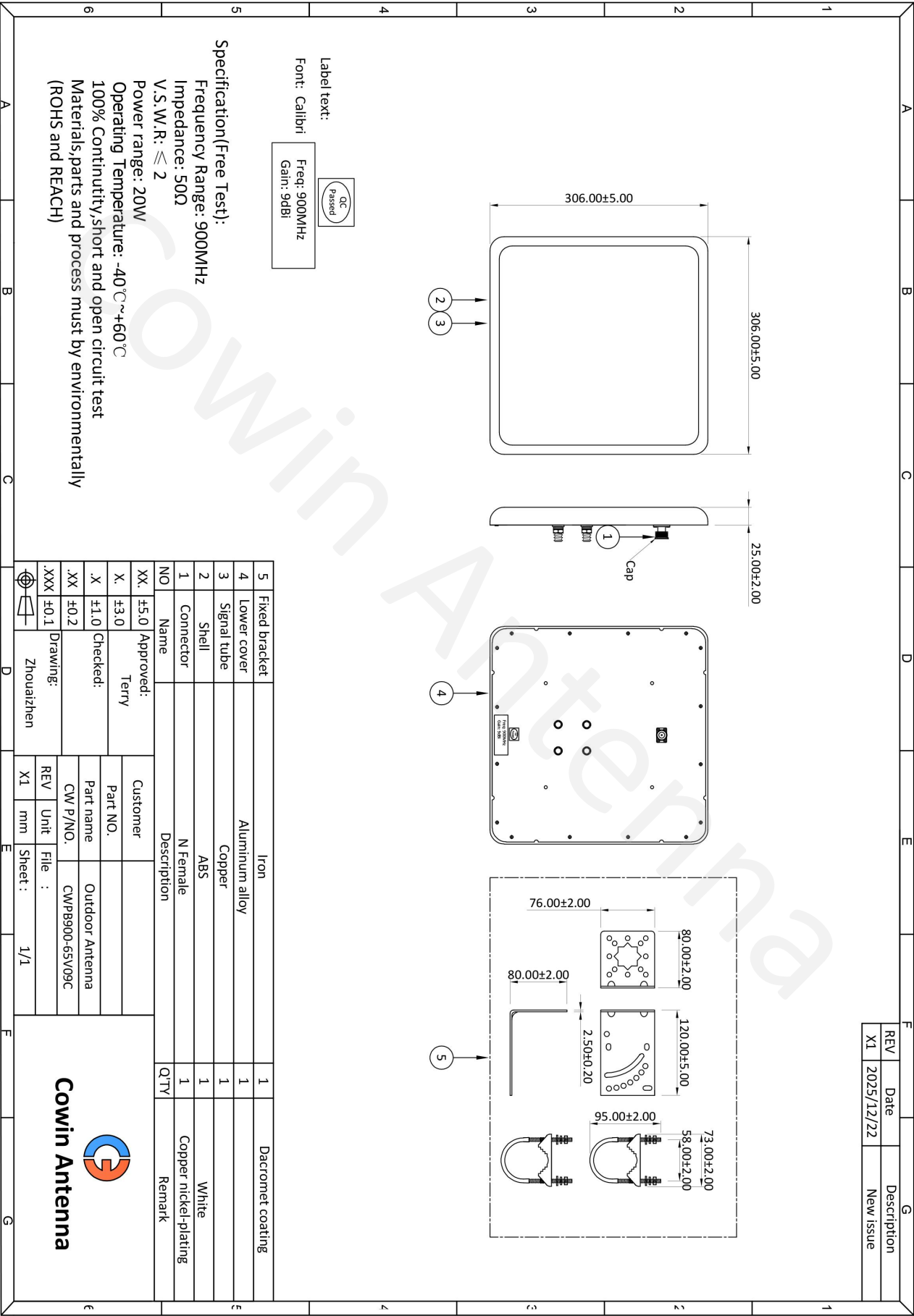
Electrical Specifications 电性指标

Part Number 料号	CWPB900-65V09C
Frequency Range 频率范围	900MHz
Bandwidth 带宽	/
Peak Gain 峰值增益	9dBi
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: 65° / V: 60°
First Upper Sidelobe Suppression 第一上旁瓣抑制	/
Front-to-rear ratio 前后比	≥28dB
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

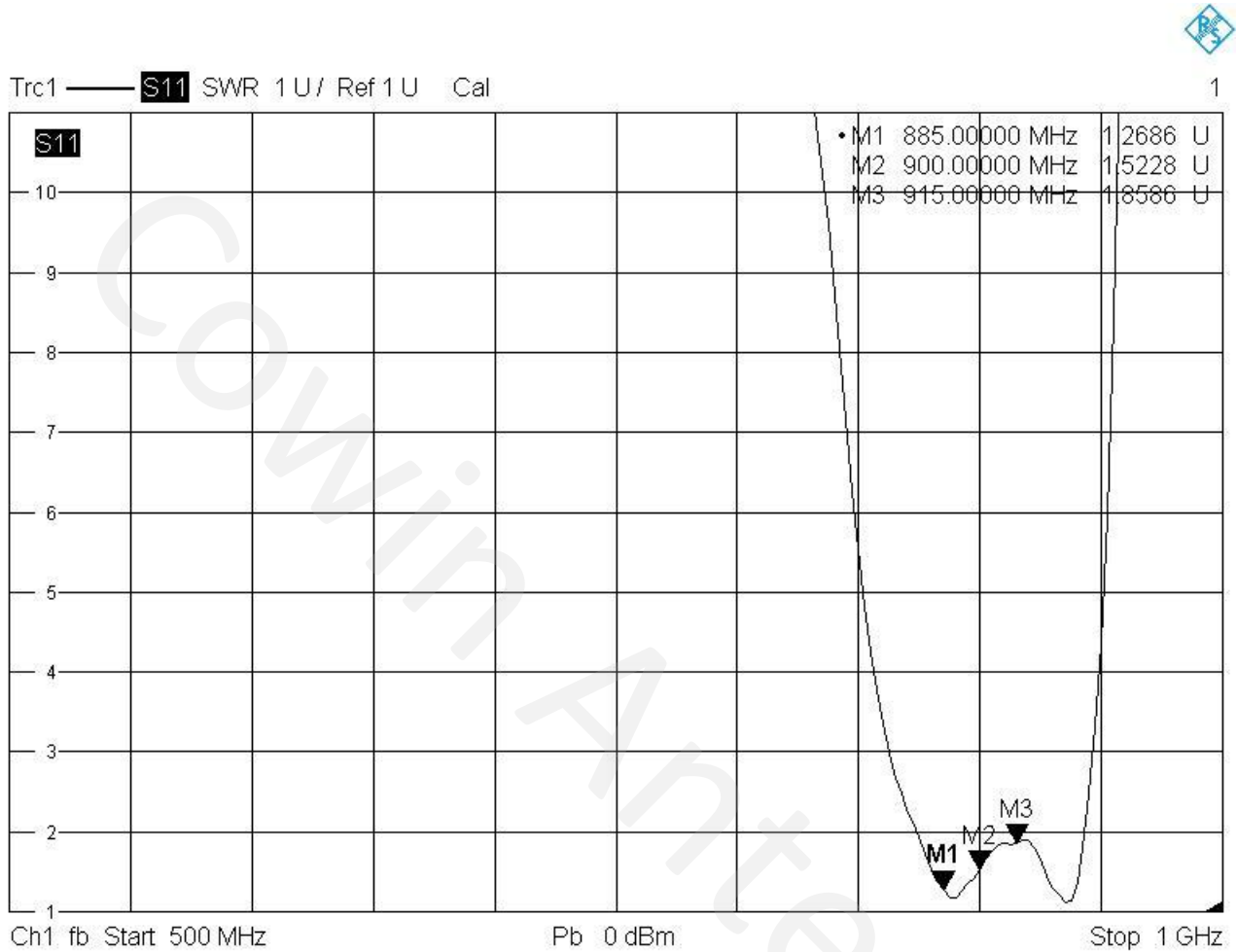
Mechanical Specifications 机械性能

Connector Type 接头类型	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	0-60℃
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	JM004 L-shaped steel clamping block
Environmental Standards 环保标准	ROHS/REACH





V.S.W.R



12/23/2025, 3:37 PM

Efficiency

Frequency (MHz)	Efficiency (%)
900	57.54
910	57.41

Peak Gain

Frequency (MHz)	Max Gain (dBi)
900	8.62
910	8.53

2D Radiation Patterns

