

3dBi WIFI6E Omni Fiberglass Antenna



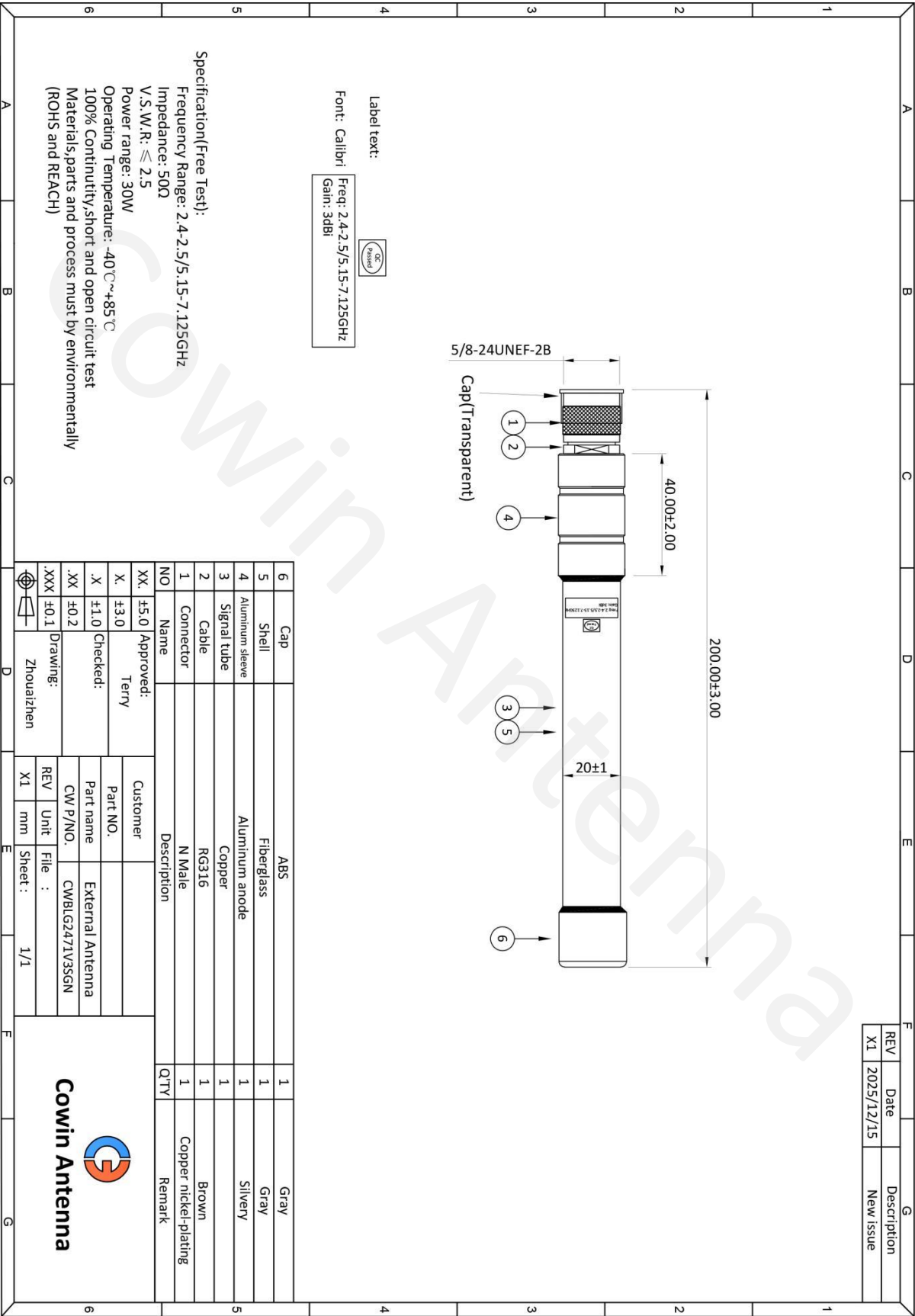
Electrical Specifications 电性指标

Part Number 料号	CWBLG2471V3SGN
Frequency Range 频率范围	2400-2500/5150-7125MHz
Bandwidth 带宽	100/1975MHz
Peak Gain 峰值增益	3dBi
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	≤ 2.5
Maximum Power 最大功率	30W
Lightning Protection 雷电保护	DC Grounding

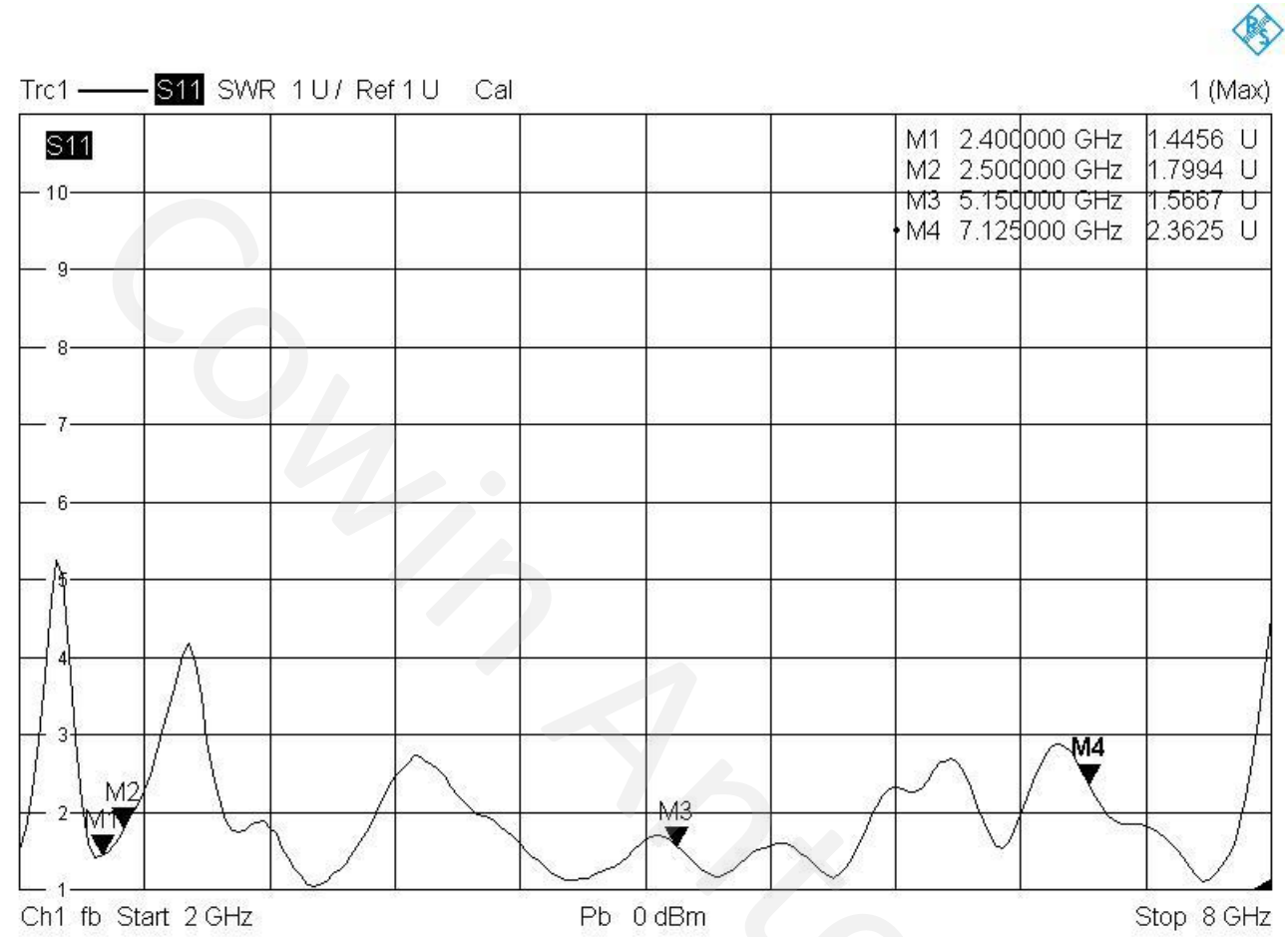
Mechanical Specifications 机械性能

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	200*20MM
Antenna Weight 天线重量	0.25KG
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	Use with suction cups and other mounting bases
Mounting Model 安装件型号	/
Environmental Standards 环保标准	ROHS/REACH





V.S.W.R



12/17/2025, 9:29 AM

Efficiency

Frequency (MHz)	Efficiency (%)
2400	52.24
2500	54.95
5150	61.38
7125	53.15

Peak Gain

Frequency (MHz)	Max Gain (dBi)
2400	2.54
2500	2.65
5150	2.54
7125	3.49

2D Radiation Patterns

