

3dBi 800-1600MHz Omni Antenna



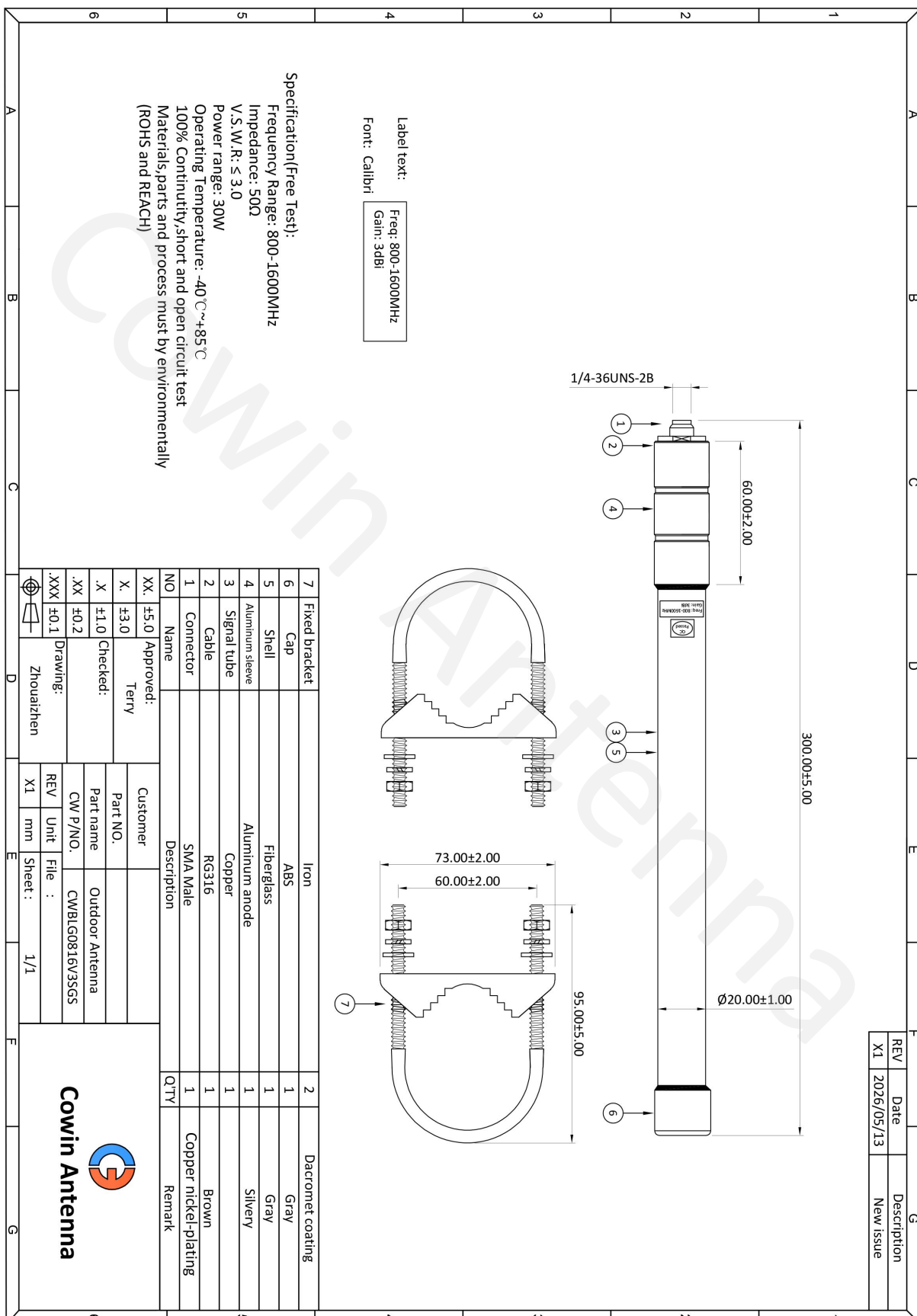
Electrical Specifications 电性指标

Part Number 料号	CWBLG0816V3SGS
Frequency Range 频率范围	800-1600MHz
Bandwidth 带宽	800MHz
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	≤3.0
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	SMA male
Connector Position 接头位置	Bottom
Cable type 线材类型	/
Antenna Size 天线尺寸	300*20MM
Antenna Weight 天线重量	0.15KG
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	35-50MM
Mounting Method 安装方式	Use with magnetic suction plates and other mounting bases
Mounting Model 安装件型号	/
Environmental Standards 环保标准	ROHS/REACH



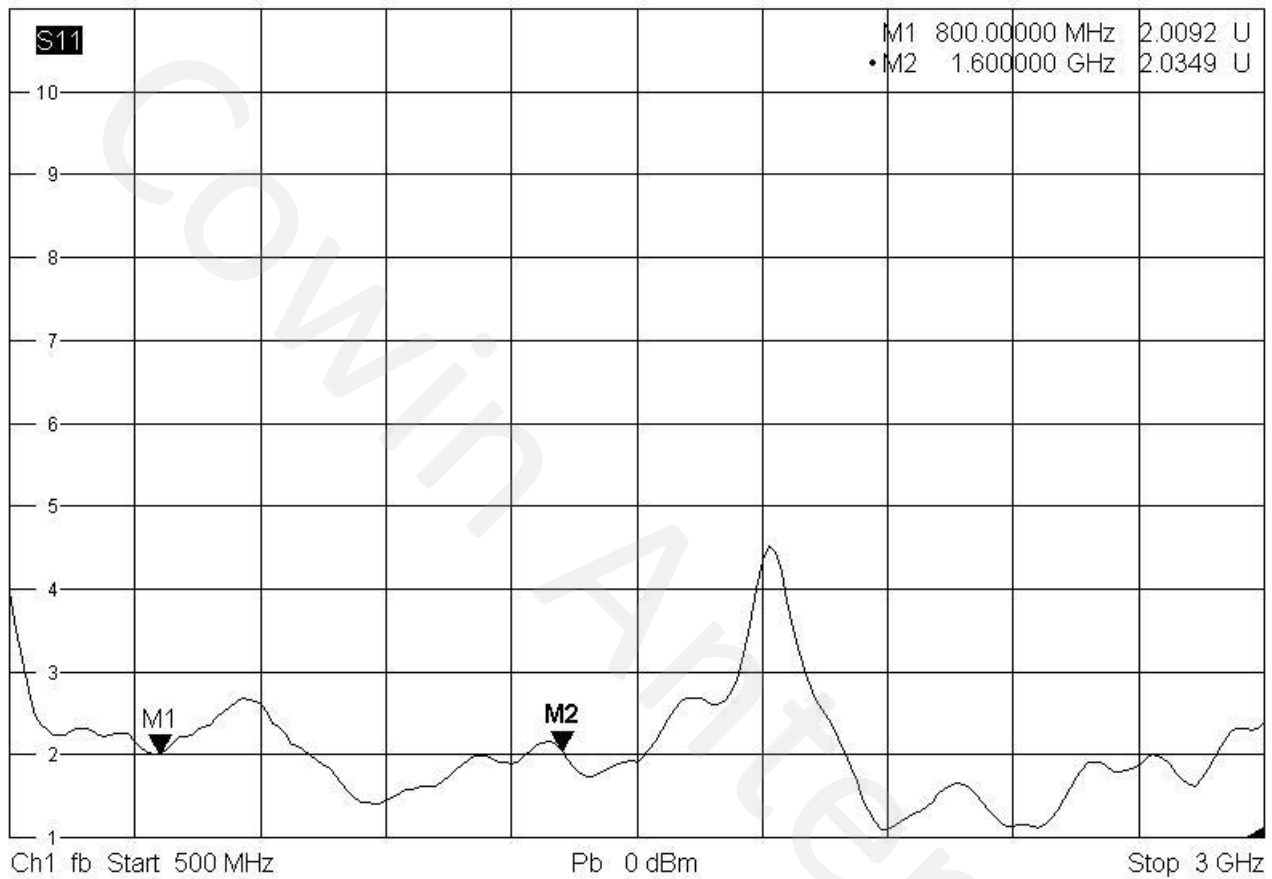


V.S.W.R



Trc1 — **S11** SWR 1 U / Ref 1 U Cal Off

1 (Max)



5/29/2026, 3:34 PM

Efficiency

Frequency (MHz)	Efficiency (%)
800	67.67
1000	60.13
1200	64.43
1400	67.67
1600	64.67

Peak Gain

Frequency (MHz)	Max Gain (dBi)
800	2.52
1000	2.67
1200	2.62
1400	2.89
1600	2.62

2D Radiation Patterns

