

3dBi 1200-1500MHz Omni Antenna



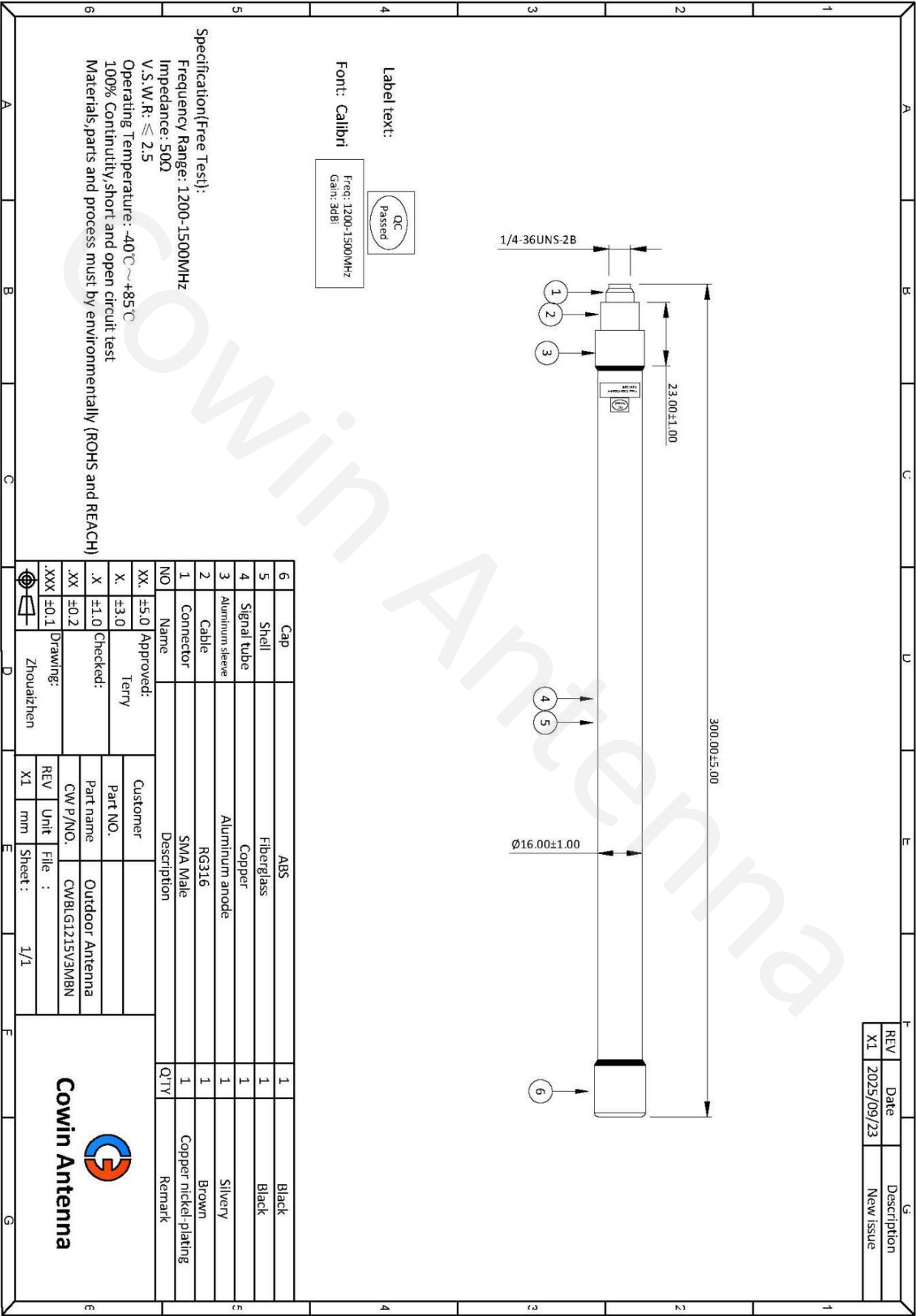
Electrical Specifications 电性指标

Part Number 料号	CWBLG1215V3MBN
Frequency Range 频率范围	1200-1500MHz
Bandwidth 带宽	300MHz
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	50W
Lightning Protection 雷电保护	DC Grounding

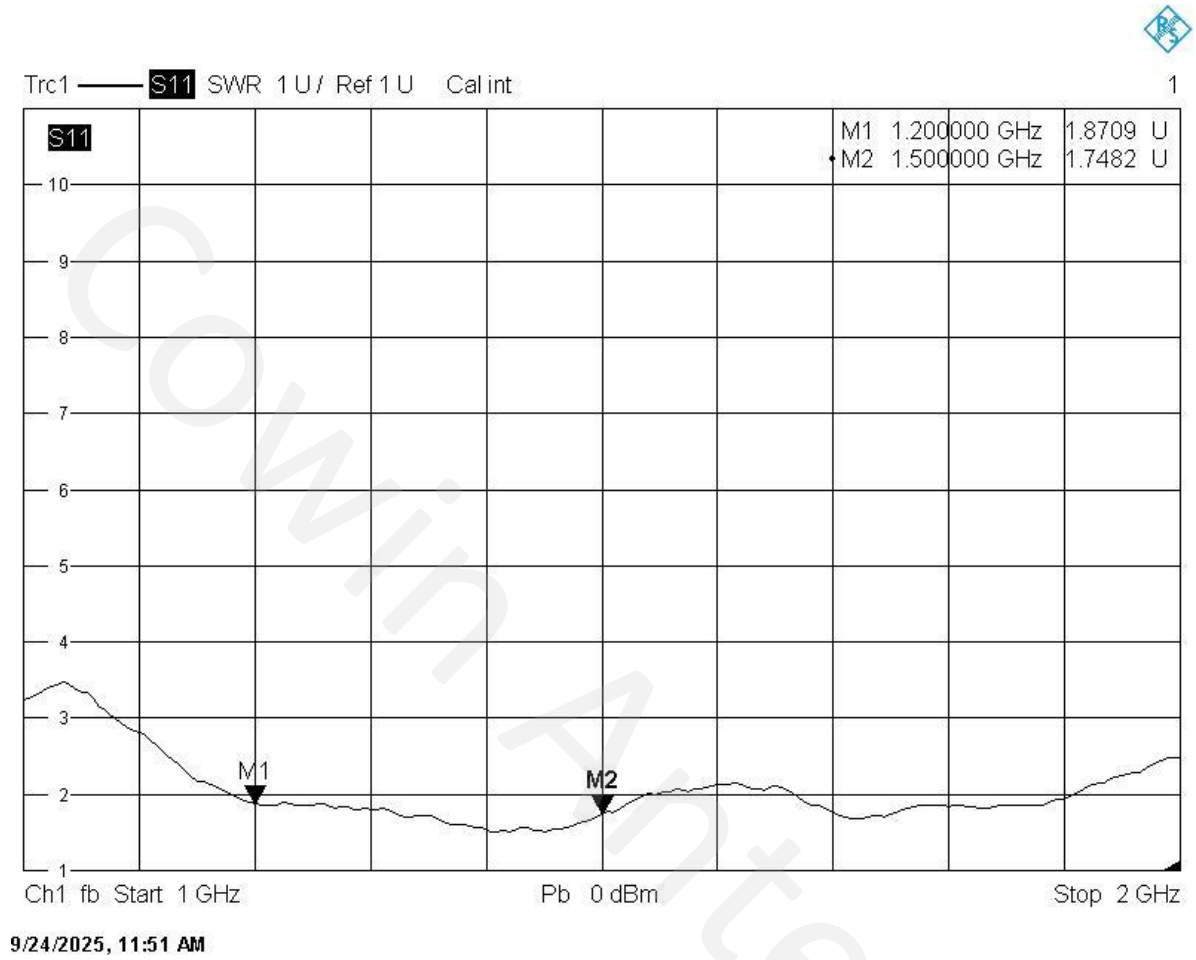
Mechanical Specifications 机械性能

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*16MM
Antenna Weight 天线重量	0.2KG
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	/
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





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Efficiency

Frequency (MHz)	Efficiency (%)
1200	61.53
1230	64.89
1260	65.71
1290	67.38
1320	68.21
1350	60.99
1380	61.13
1410	65.63
1440	60.23
1470	69.01
1500	61.09

Peak Gain

Frequency (MHz)	Max Gain (dBi)
1200	2.27
1230	2.65
1260	2.32
1290	2.71
1320	2.45
1350	2.37
1380	2.68
1410	2.27
1440	2.38
1470	2.56
1500	2.31

2D Radiation Patterns

