

11/13dBi 4G LTE Panel Antenna



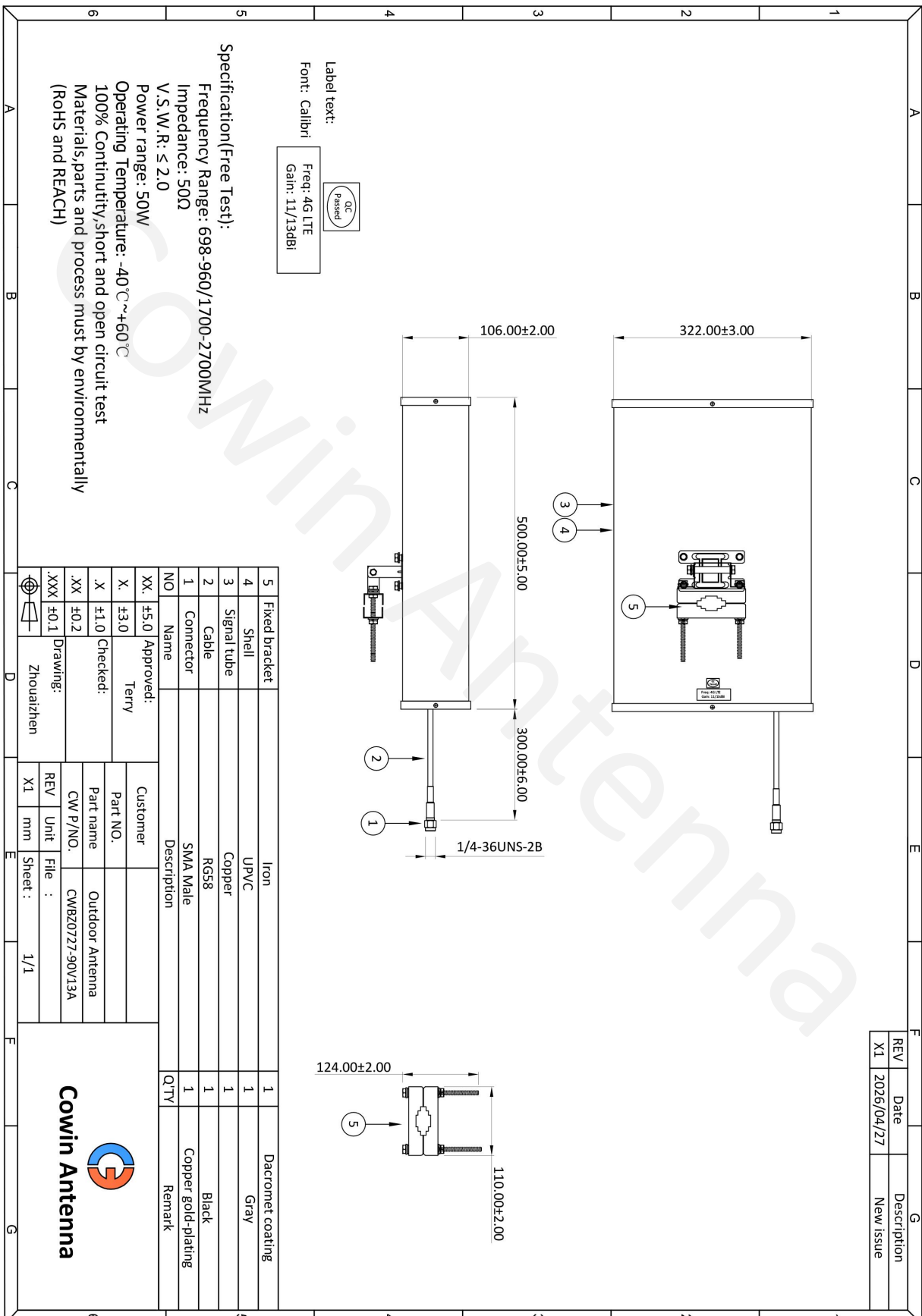
Electrical Specifications 电性指标

Part Number 料号	CWBZ0727-90V13A
Frequency Range 频率范围	698-960/1700-2700MHz
Bandwidth 带宽	262/1000MHz
Peak Gain 峰值增益	11dBi @698-960MHz 13dBi @1700-2700MHz
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: 90° / V: 30°@698-960MHz H: 75° / V: 15°@1700-2700MHz
First Upper Sidelobe Suppression 第一上旁瓣抑制	>14
Front-to-rear ratio 前后比	≥25dB
Isolation 隔离度	≥18dB
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

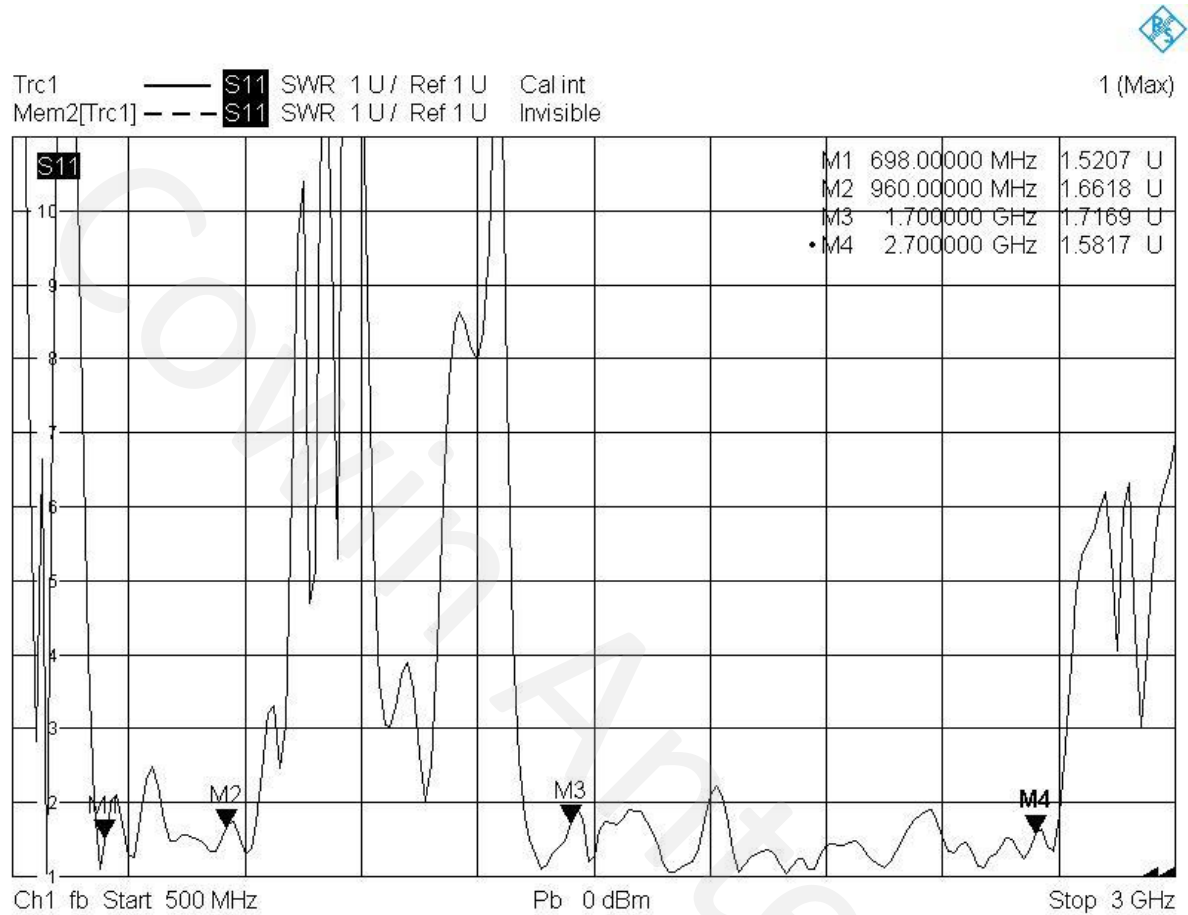
Mechanical Specifications 机械性能

Connector Type 接头类型	N Female
Connector Position 接头位置	Bottom
Cable type 线材类型	RG58/30CM
Antenna Size 天线尺寸	500*322*106MM
Antenna Weight 天线重量	5KG
Radome Material 外罩材料	UPVC
Radome Colour 外罩颜色	Gray
Mechanically Adjustable Tilt Angle 机械可调倾角	0-15℃
Temperature Range 温度	-40-60℃
Extreme Wind Speed 极限风速	60m/s
Pole Diameter 抱杆直径	35-75MM
Mounting Method 安装方式	Pole Mount
Mounting Model 安装件型号	HXJM003/Dacromet
Environmental Standards 环保标准	ROHS/REACH





V.S.W.R



4/27/2026, 5:31 PM

Efficiency

Frequency (MHz)	Efficiency (%)
698	63.57
898	64.67
960	66.73
1710	61.17
2110	63.65
2410	64.83
2700	61.3

Peak Gain

Frequency (MHz)	Max Gain (dBi)
698	10.47
898	10.33
960	10.52
1710	12.39
2110	12.35
2410	12.5
2700	12.42

2D Radiation Patterns

