

# SimOps Thermal Analysis

Job: L\_bracket

Date: 2025-12-27 17:49

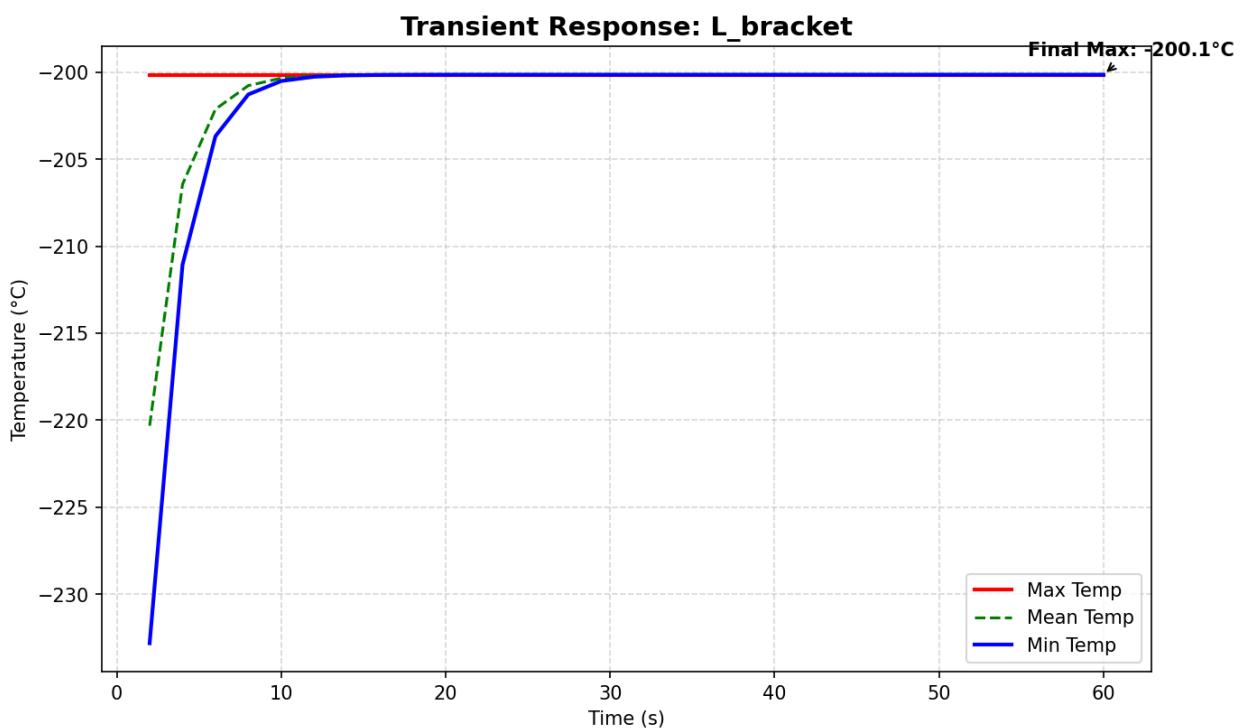
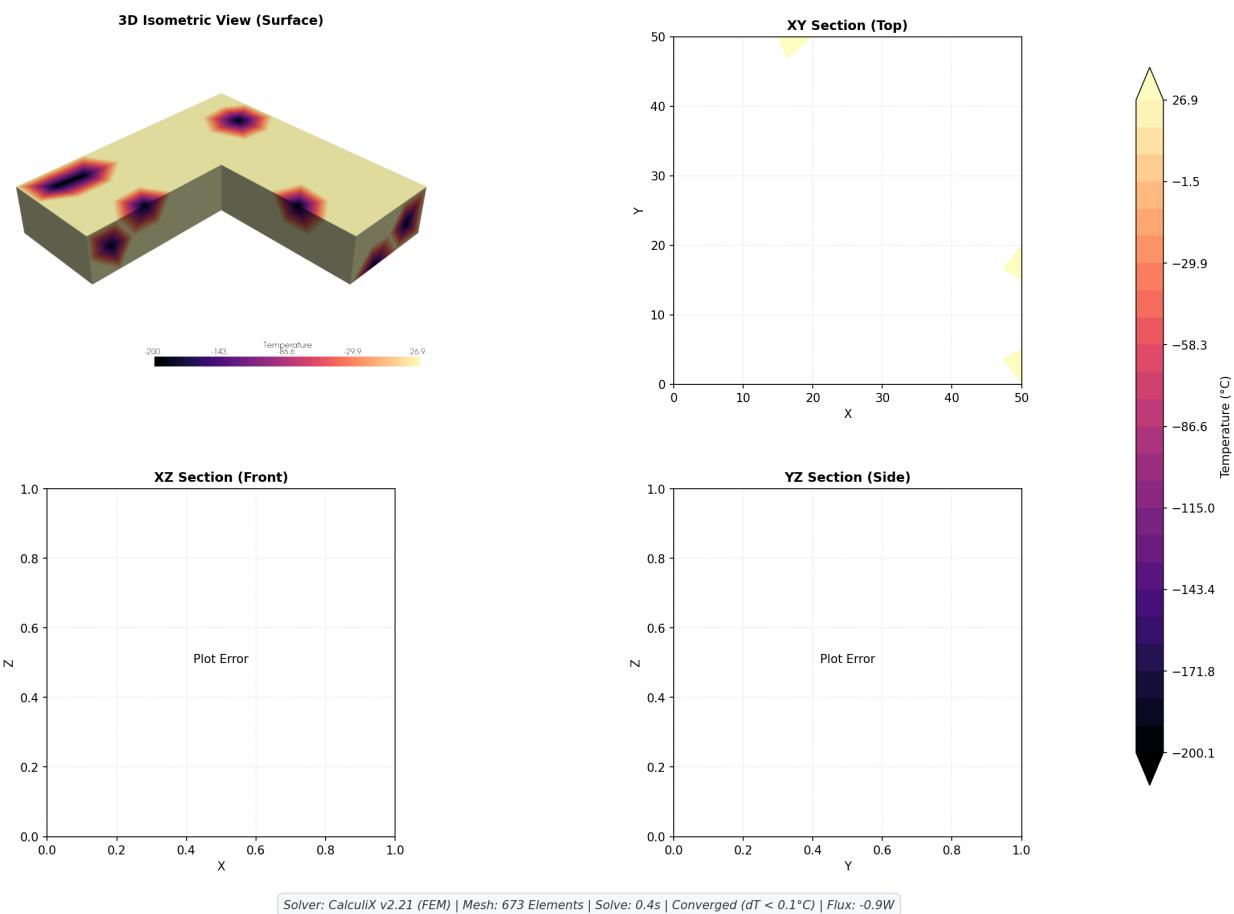
## SIMULATION STATUS: CRITICAL FAILURE

| Metric          | Value          |
|-----------------|----------------|
| Strategy Used   | HighFi_Layered |
| Max Temperature | 26.9 °C        |
| Min Temperature | -200.1 °C      |
| Range (Delta T) | 227.0 °C       |
| Mesh Elements   | 673            |
| Solve Time      | 0.39 s         |

## Thermal Distribution Maps

## Sim Results - L bracket

Material: Aluminum | Ambient: 20°C | Source: 100°C |  $h=25.0 \text{ W/m}^2\text{K}$



Generated by SimOps Autonomous Pipeline

Confidential - 2025