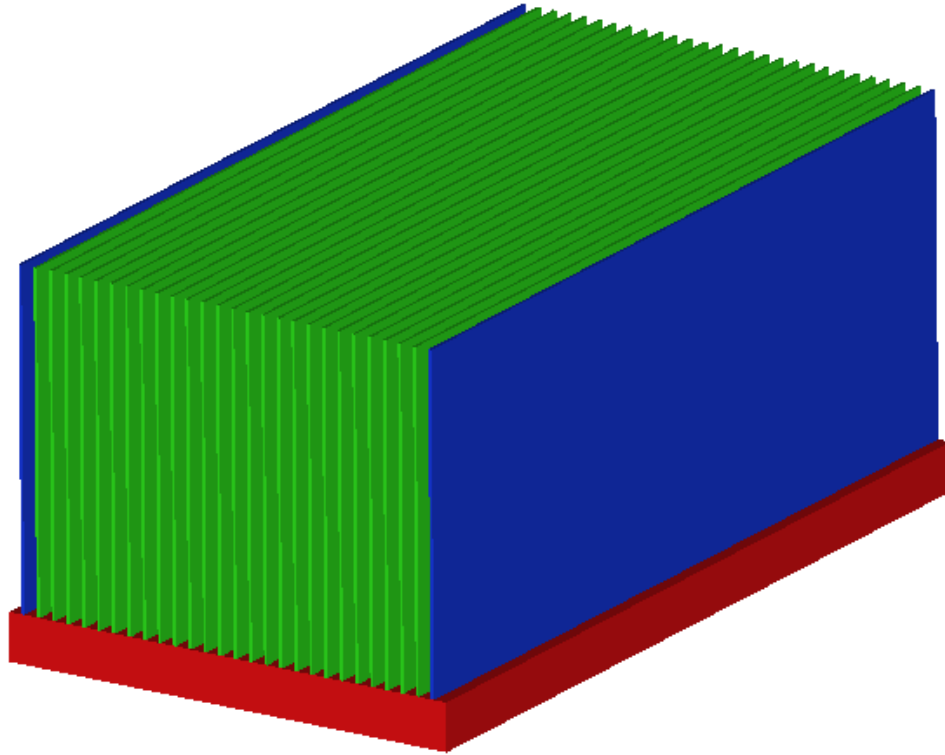
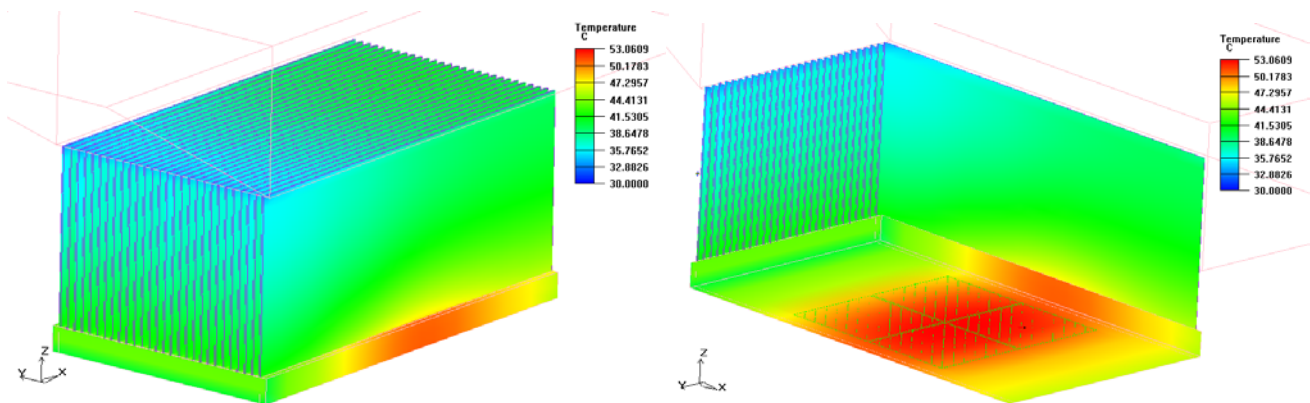


Thermal Modeling Report – x4 Peltier Module



Material: Red – Copper, Green – Graphite, Blue - Aluminum
Dimensions: 175x100x82 mm
Fin Thickness: 0.7 mm, Number of Fins: 28
Base thickness: 10 mm
Total Weight: 2.31 kg



Maximum ΔT : 23.1°C (Target: 25°C)
Thermal Resistance from Heat Sink to Ambient: 0.08°C/W
Source Power: 300 (75x4) W
Ambient Temperature: 30°C
Fan Model: PAPST 7114N DC Axial Fan 150x38 mm (fully-ducted airflow)