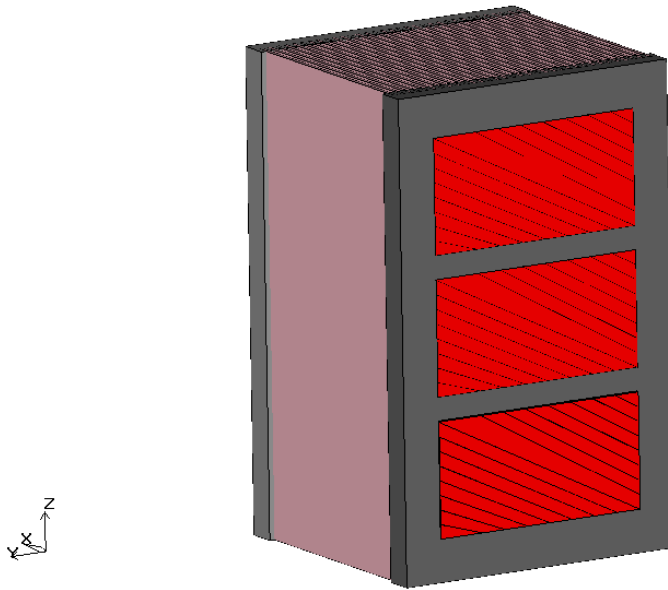
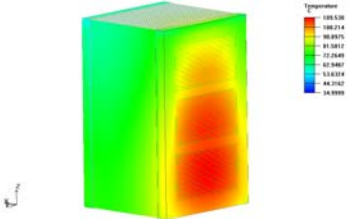
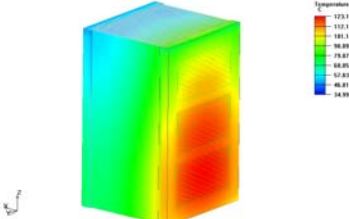


# Modeling Report for Comparison of Graphite-Fins vs. Aluminum-Fins



*(The heat sources are assumed to be 600x3 W and with heat generation spread uniformly over 3 active areas of 93 x 48 mm<sup>2</sup> at the center of the heat sink base.)*

Heatsink Dimensions: 200x125x117 mm  
 Fin Dimensions: 100.5x200x1.5 mm  
 Fan: NFD1212387B-2F

Option	R <sub>sa</sub> (°C/W)	Temperature Distribution	Fin Weight (Kg)
Graphite Fins Thickness: 1.5 mm Number: 33	0.041		1.978
Aluminum Fins Thickness: 1.5 mm Number: 33	0.049		2.886