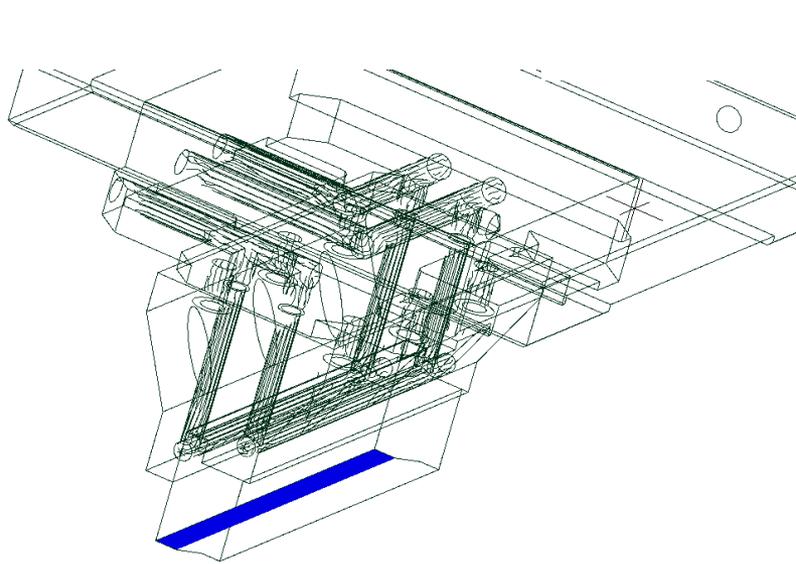
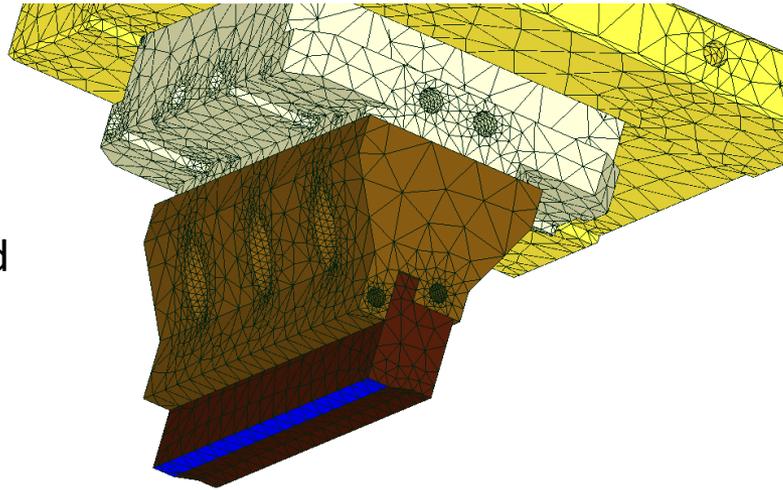
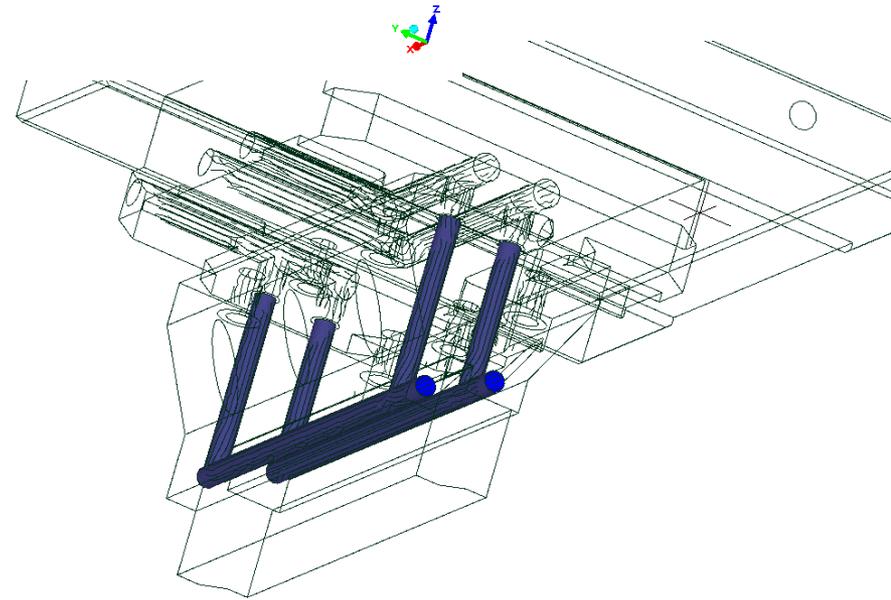


Thermal steady state (CCX)

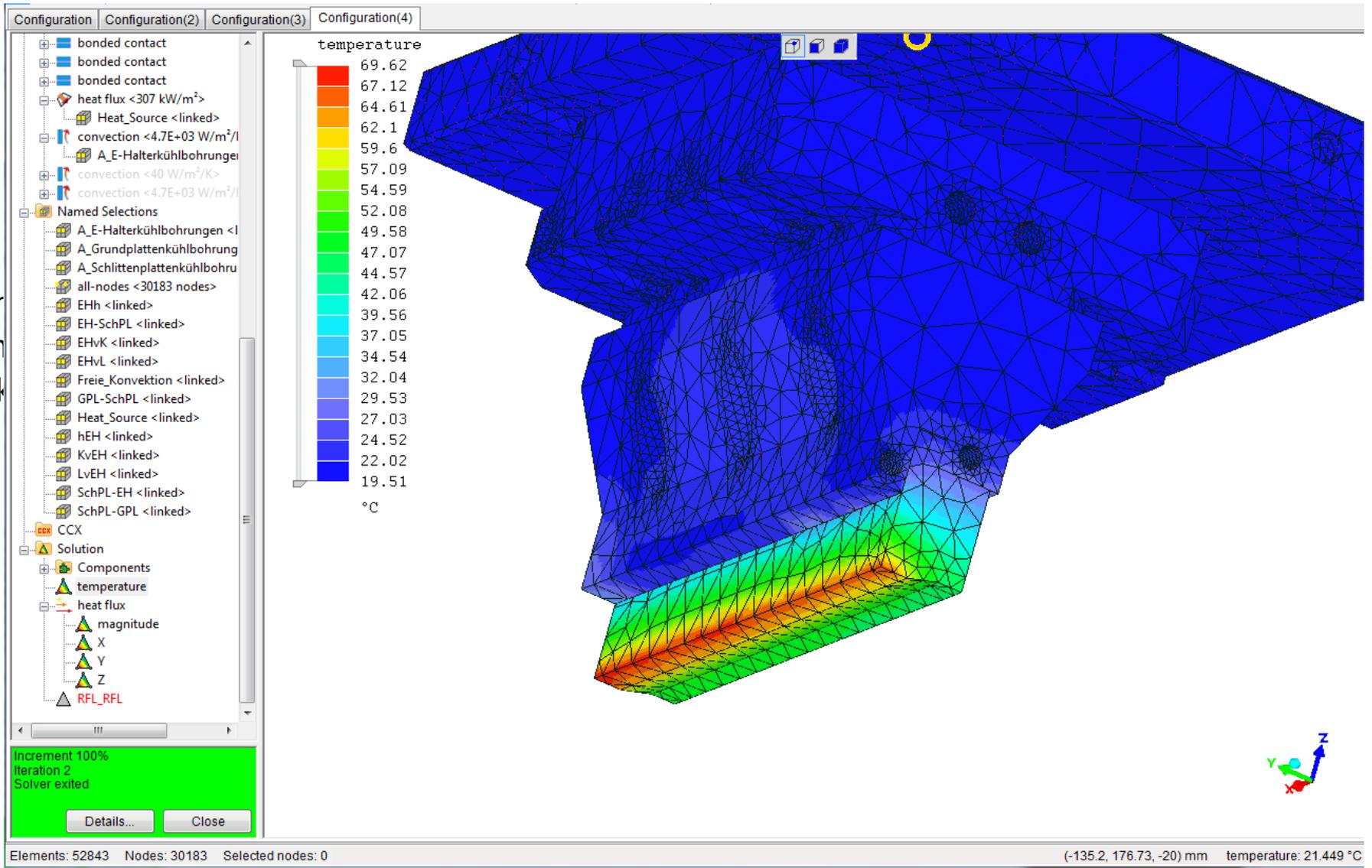
For the calculation only the marked areas are considered as heat source or sink



Heat flux 307 kW/m^2
Area = 2000 mm^2



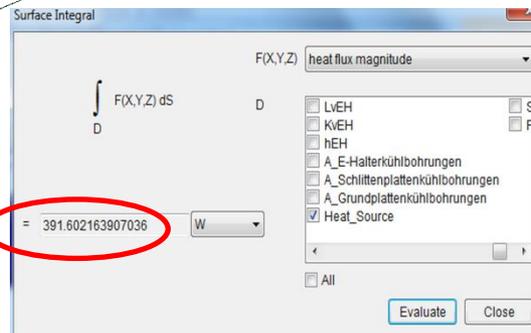
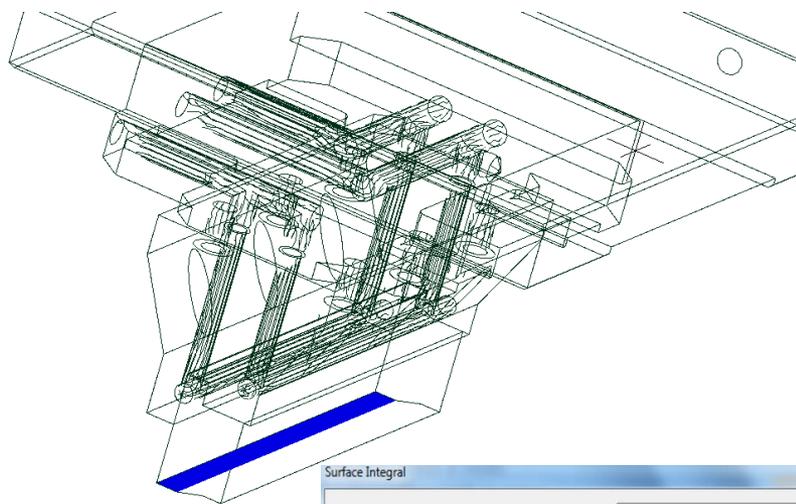
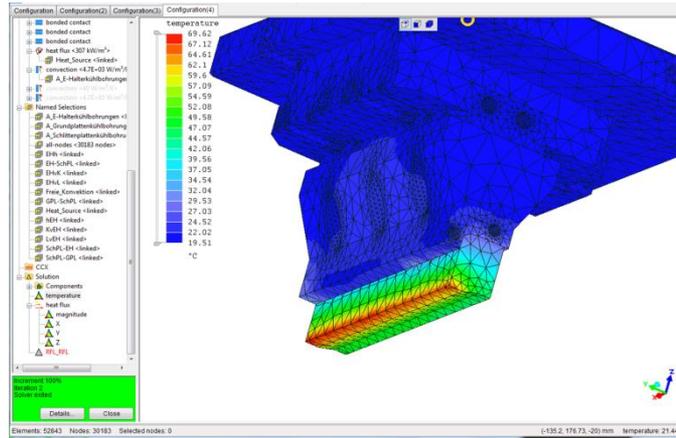
Convection 4700 kW/K/m^2
Area = 16447 mm^2



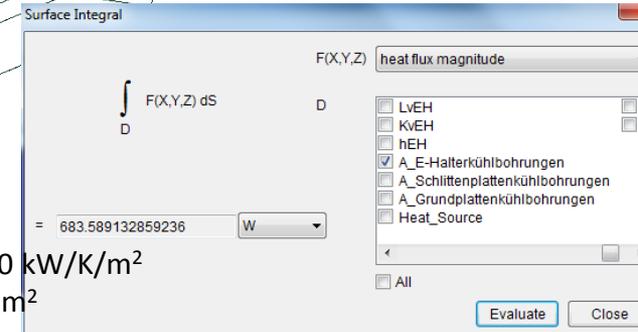
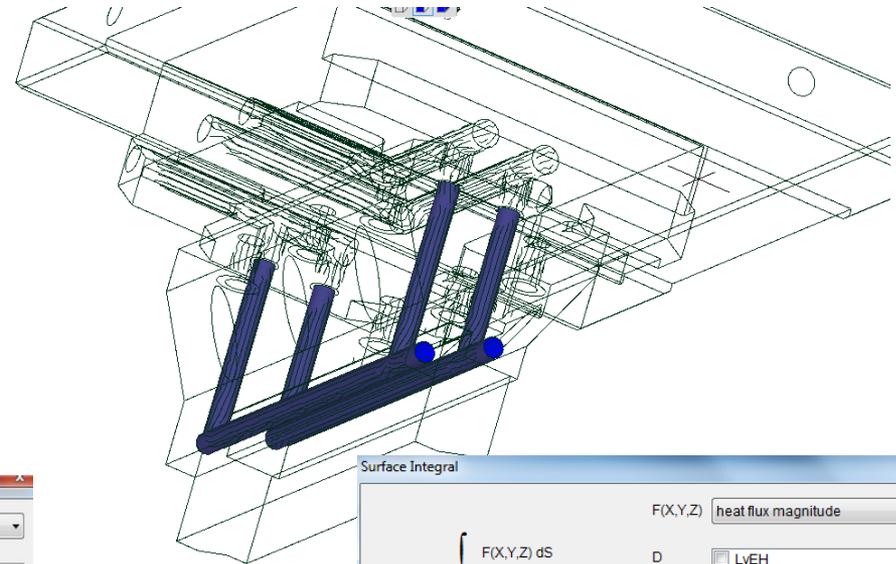
Results looks quit reasonable so far

Thermal steady state (CCX)

For the calculation only the marked areas are considered as heat source or sink



Heat flux 307 kW/m²
 Area = 2000 mm²
 $\dot{Q} = 614 \text{ W}$?



Convection 4700 kW/K/m²
 Area = 16447 mm²
 $\dot{Q} = 683 \text{ W}$