

CFD simulation of the TOF-MPD detector module.

Engineering Support Group

Dubna 2019

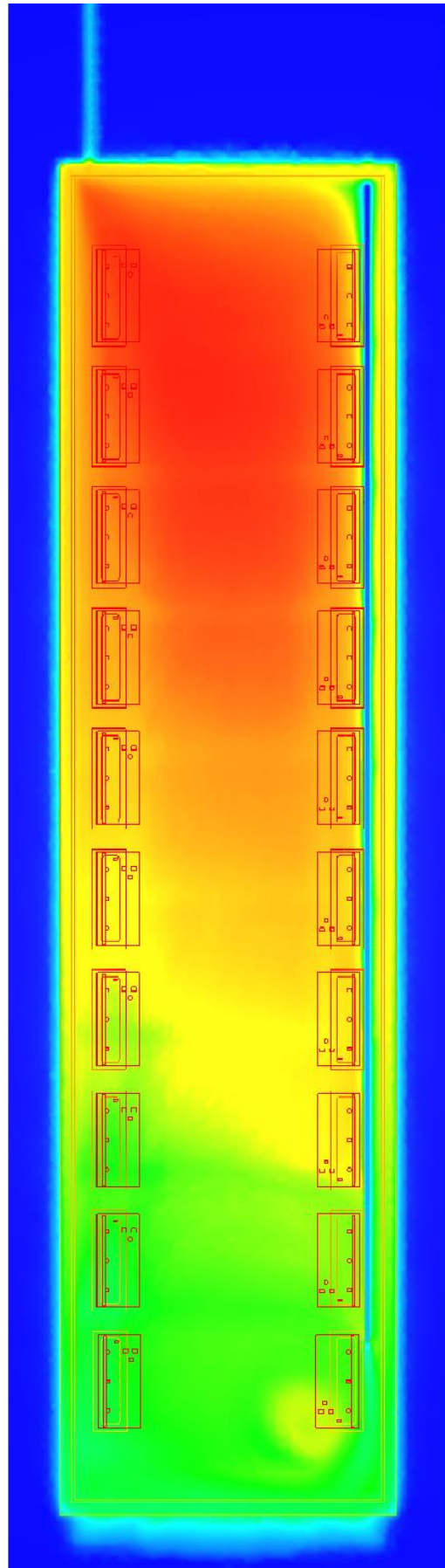
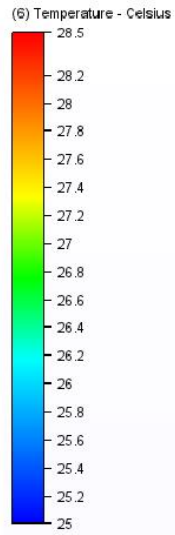


Figure 1 Cross-section through the volume with MRPC

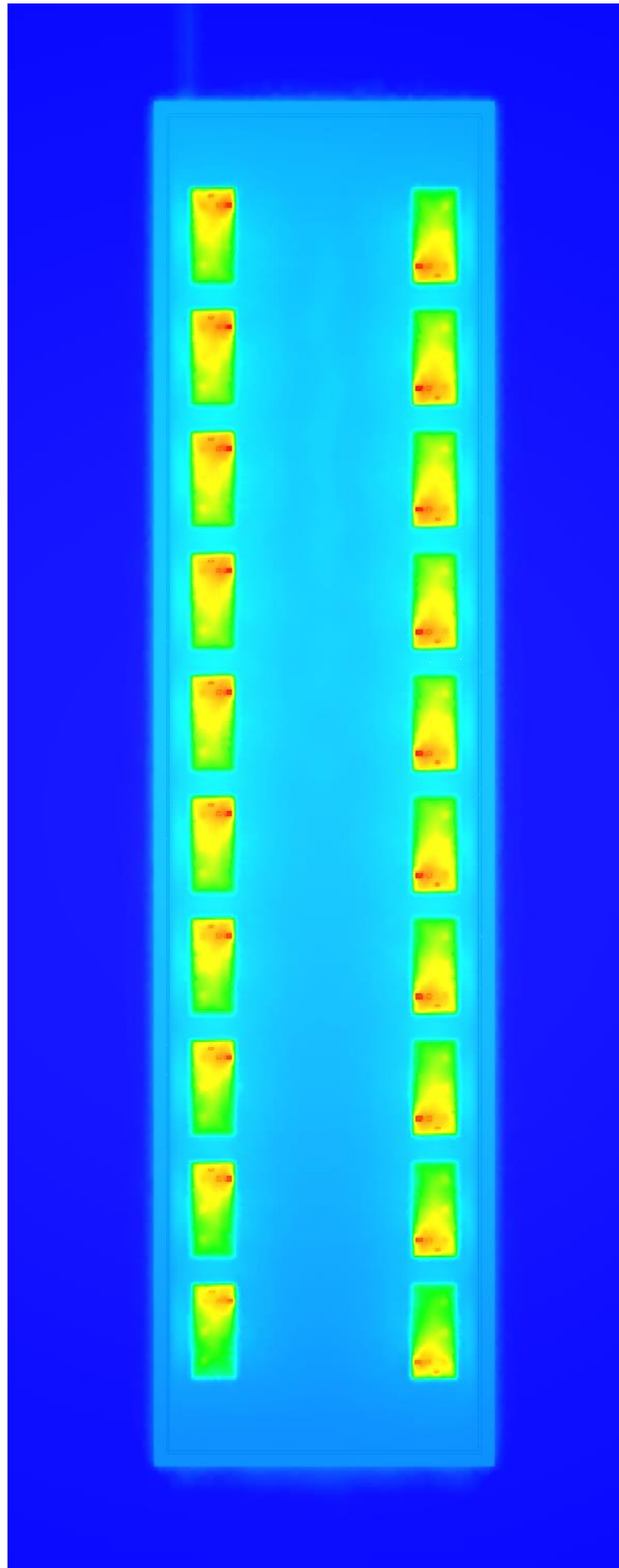
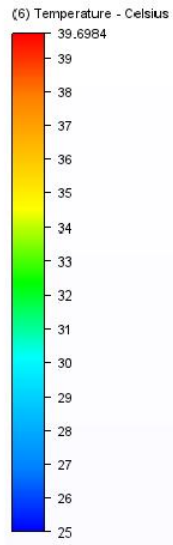


Figure 2 Cross-section through the volume with Front End Electronic

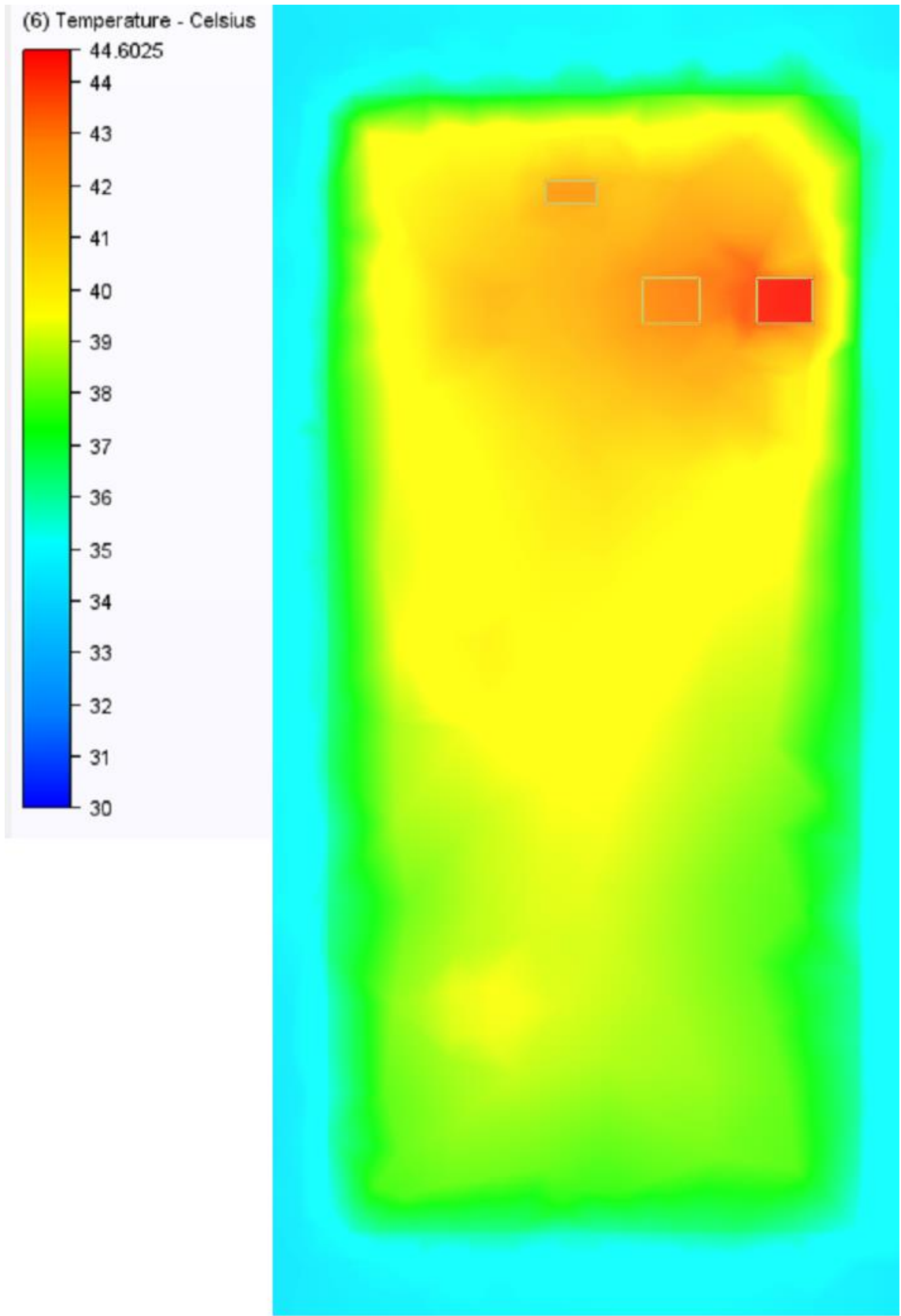


Figure 3 Gradient of temperature on the preamplifiers

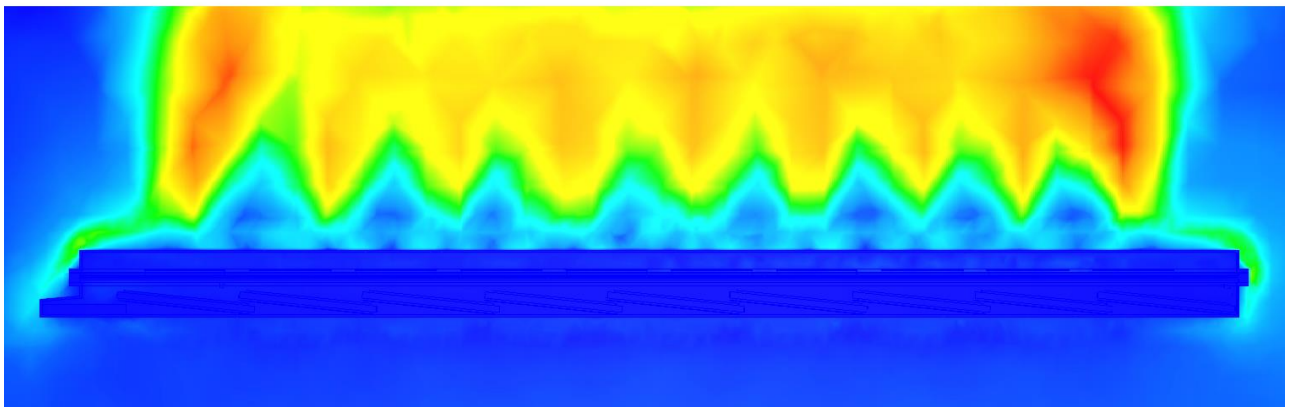
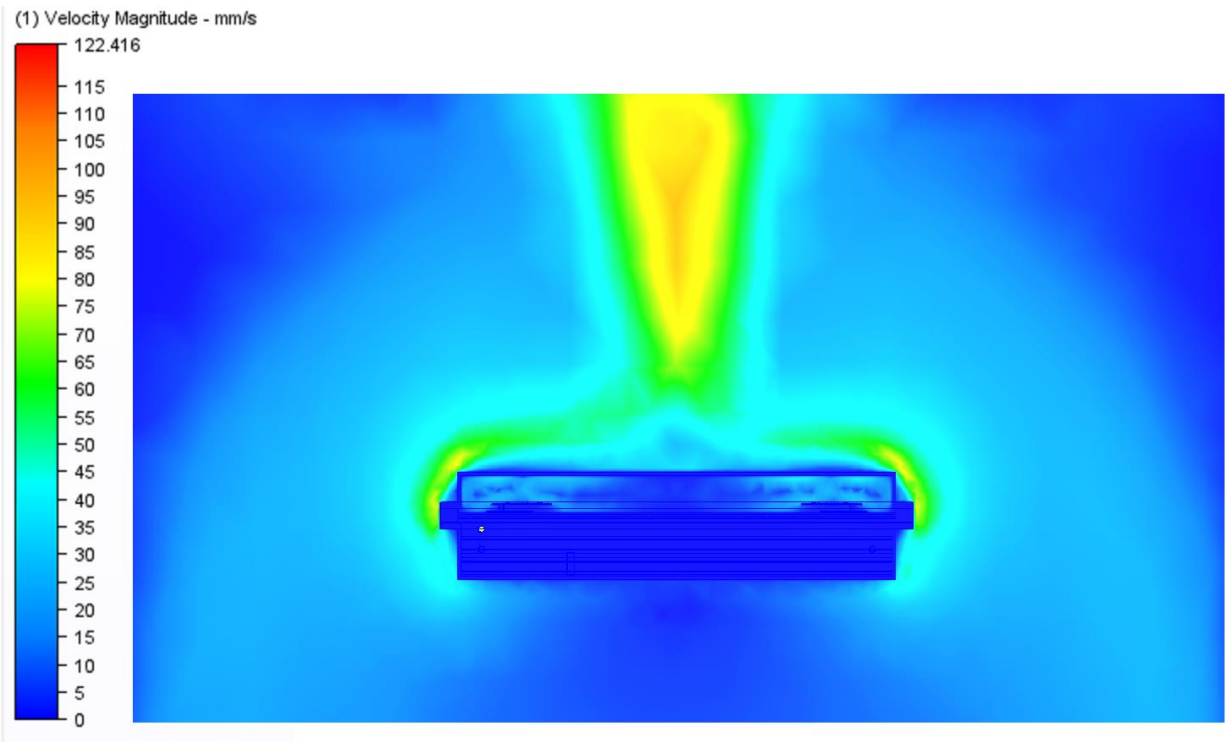


Figure 4 Cross-sections through flow around module of the TOF-MPD

(6) Temperature - Celsius

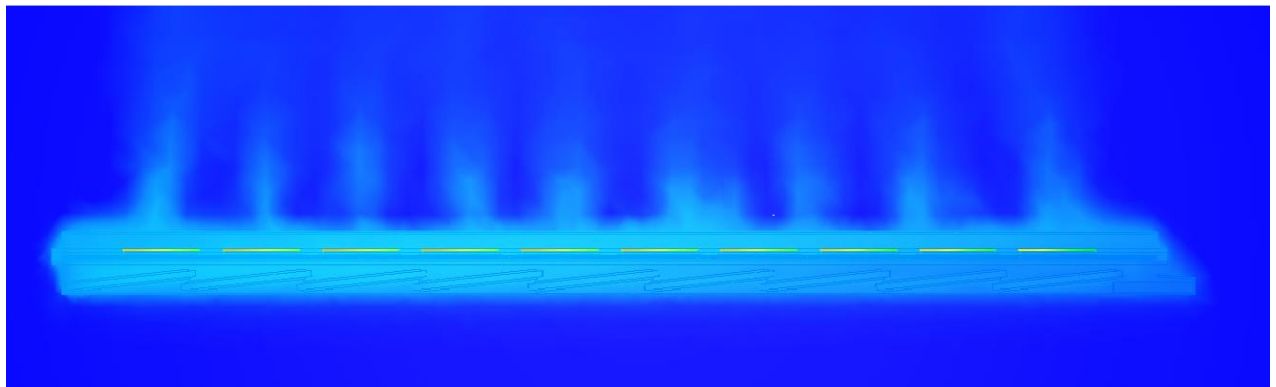
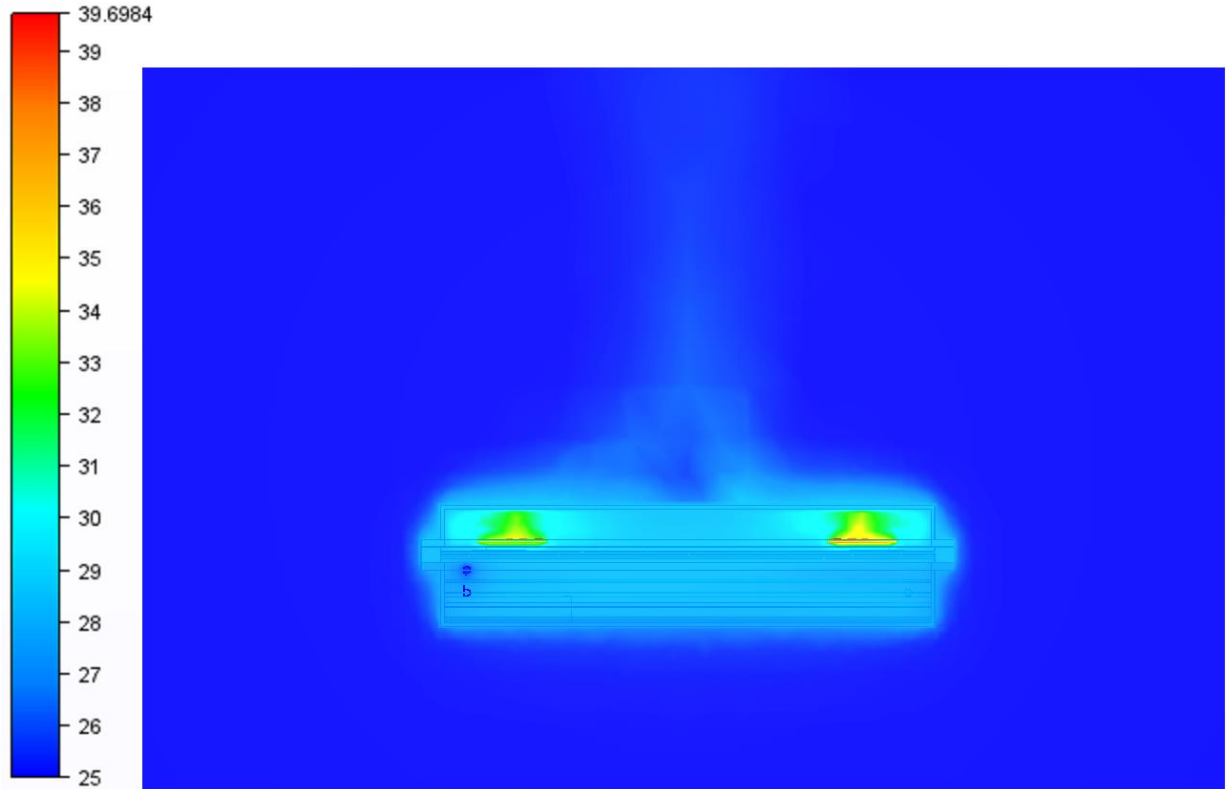


Figure 5 Cross-sections through temperature around module of the TOF-MPD