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Measurements of the Effective Thermal Conductivity of the ITER TF Coil Case Cooling System

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- The effective thermal conductivity is evaluated by comparing the measured temperature distribution with the predictions from a finite element model
- No indication of cracks or delamination decreasing significantly the overall heat conductivity of the mock-ups after cool-down





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 An alternative design relying exclusively in the contact between metallic shims and the cooling pipe is not as effective as the baseline design