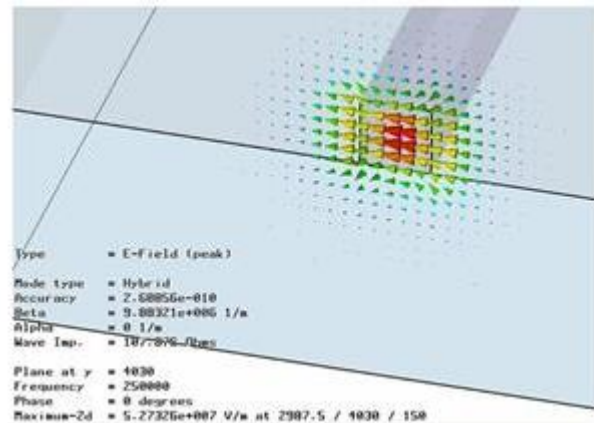


## Excitation of waveguides in time domain simulations using COMSOL multiphysics

Waveguides are an important concept for controlling the flow of electromagnetic fields allowing short and long distance transport of electromagnetic energy and signals. In the TET group one research focus are planar waveguides, which play an import role in integrated optics. This project aims at using the Discontinuous Galerkin Time Domain solver of the commercial COMSOL Multiphysics software package for simulation waveguides in time domain.



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