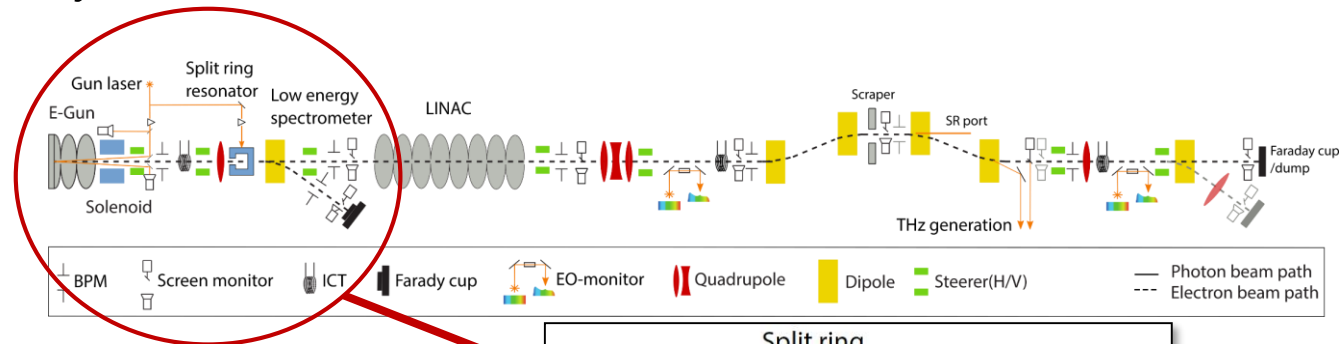
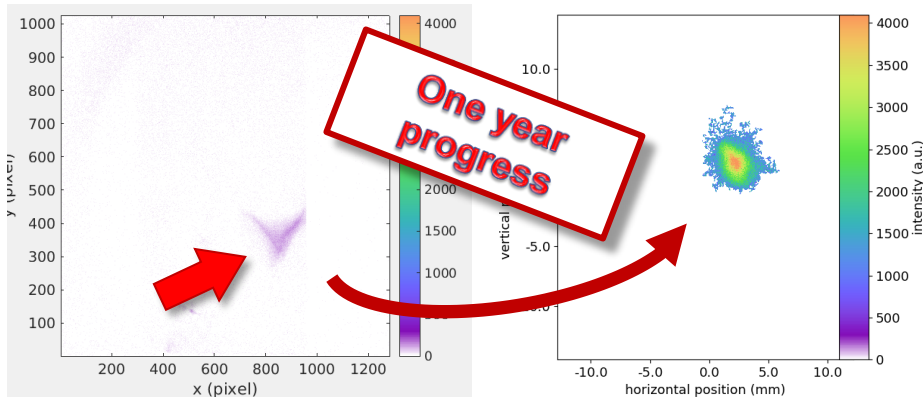
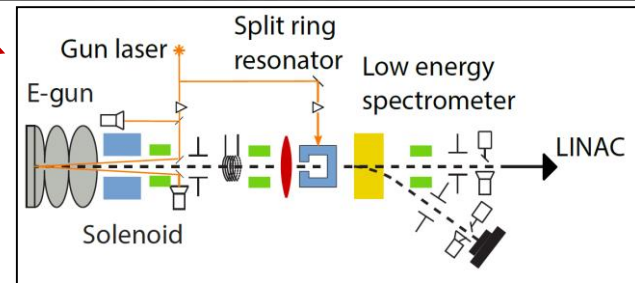


Status of FLUTE

- Test facility: Ferninfrarot Linac- und Test-Experiment
- Commissioning of injector section

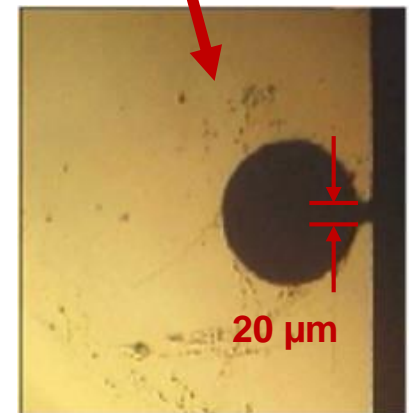
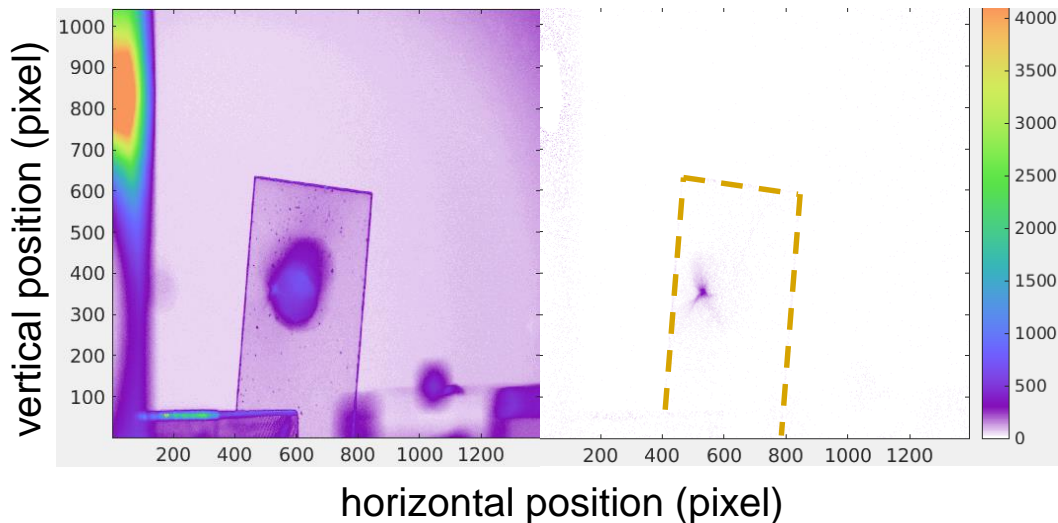
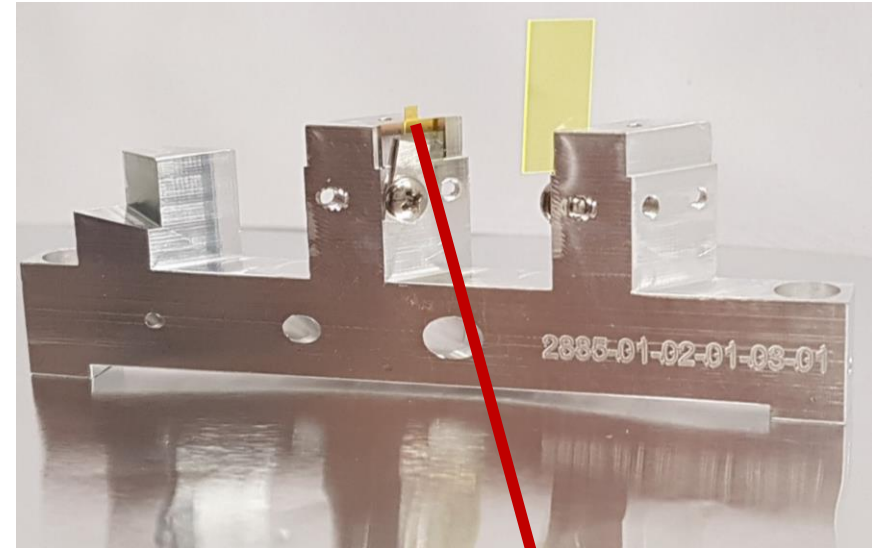


- Improvements since first beam event



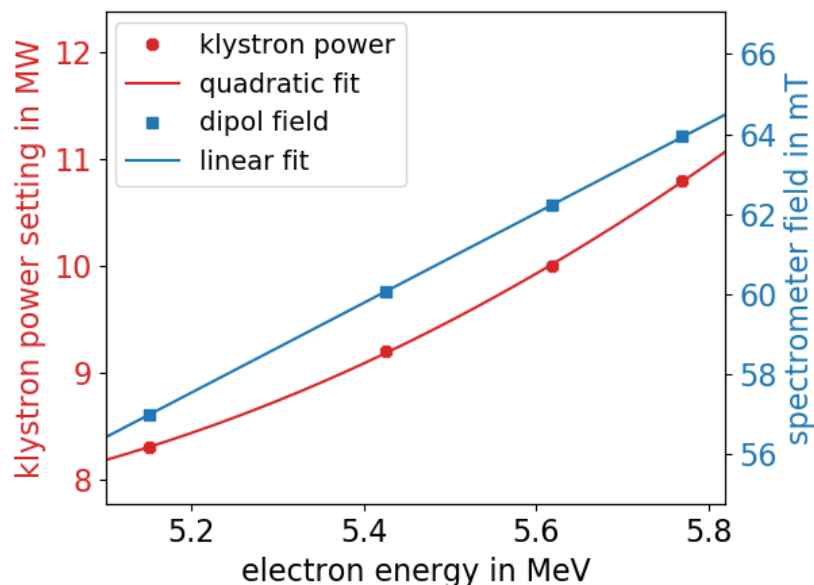
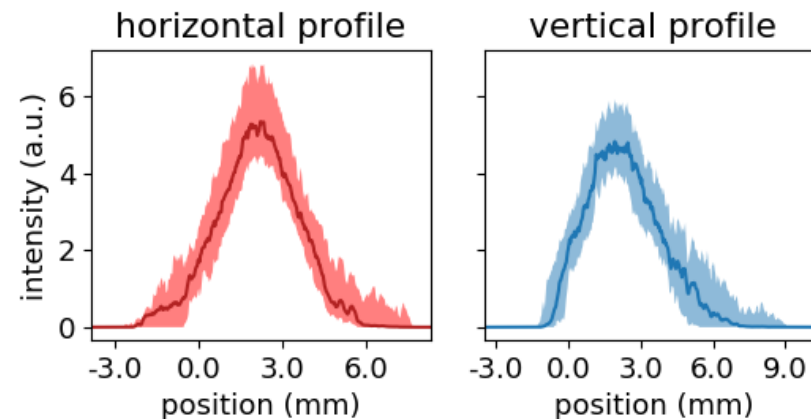
Status of FLUTE

- Preparation of first experiment
→ Split Ring Resonator (SRR)
- Mounting of ring structure and YAG screen
- First electrons on screen



Electron Beam Characterization and Gun Laser Stability at FLUTE

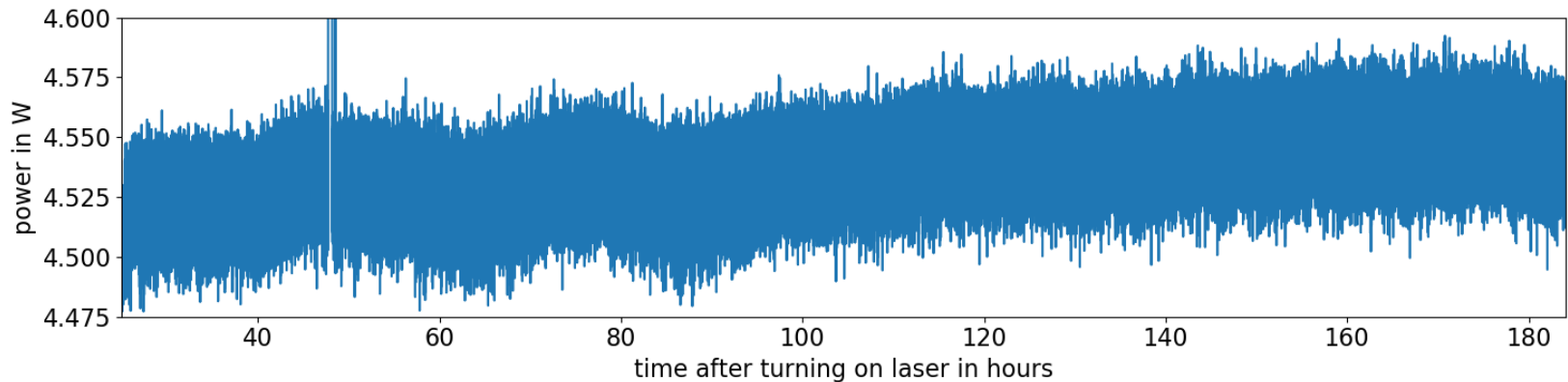
- Beam profile measurements
→ Approach, analysis and results



- First energy measurements with dipole spectrometer in injector section

Electron Beam Characterization and Gun Laser Stability at FLUTE

- Laser stability measurements
 - Long time power stability



- New stability system for laser transport from TEM Messtechnik

position/angle in a.u.

