

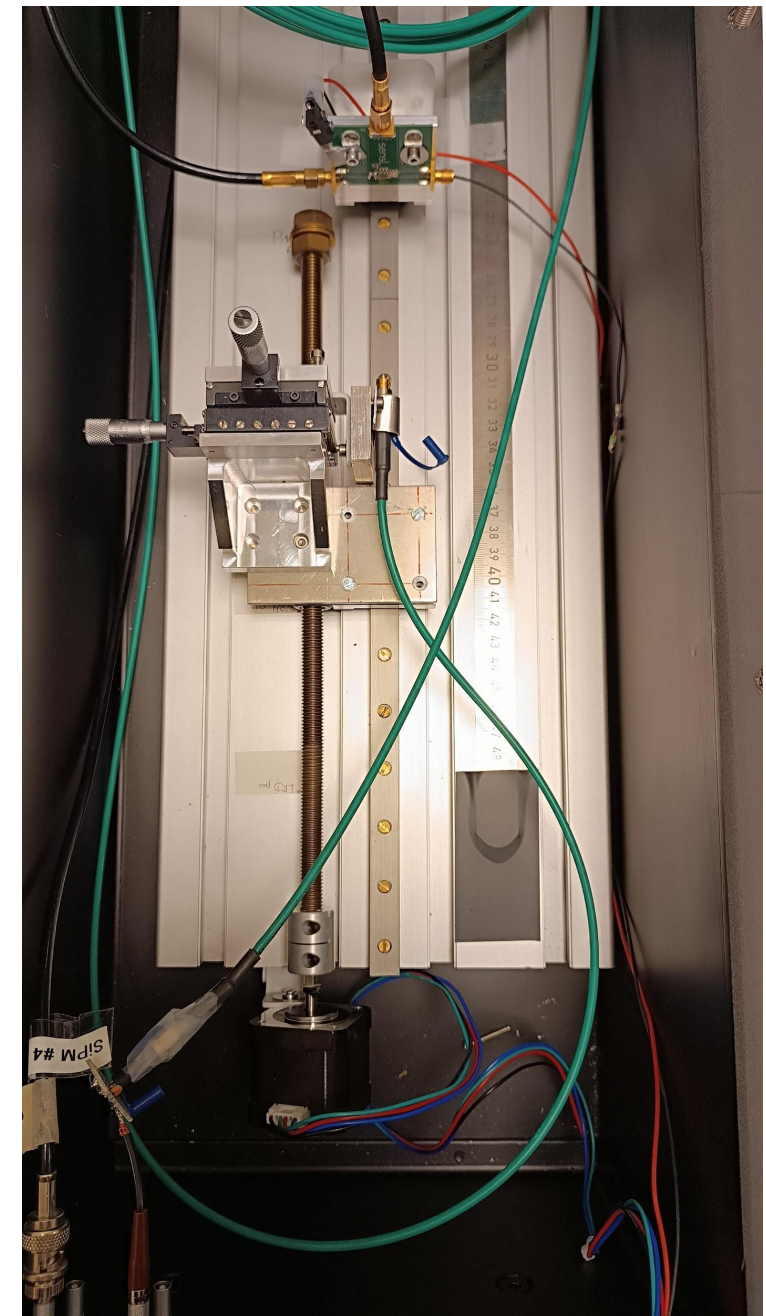
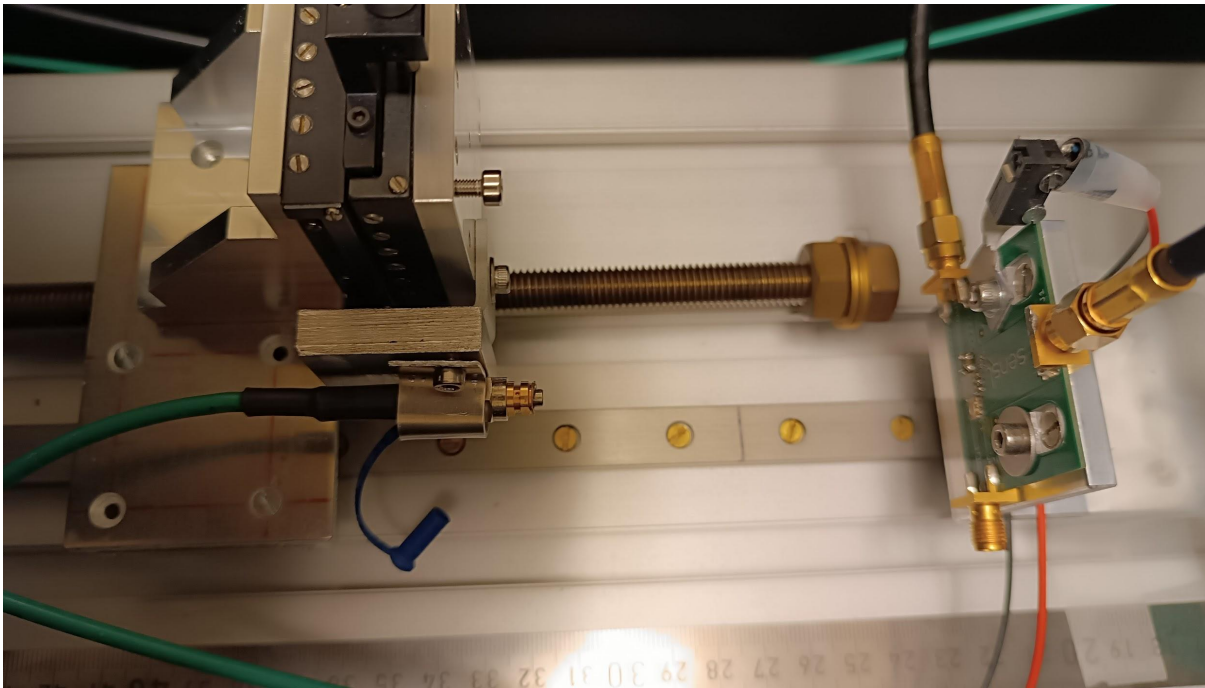
Status update: Proto-Prototype

Straw reflectivity

Antonios Athanassiadis
23.02.2023

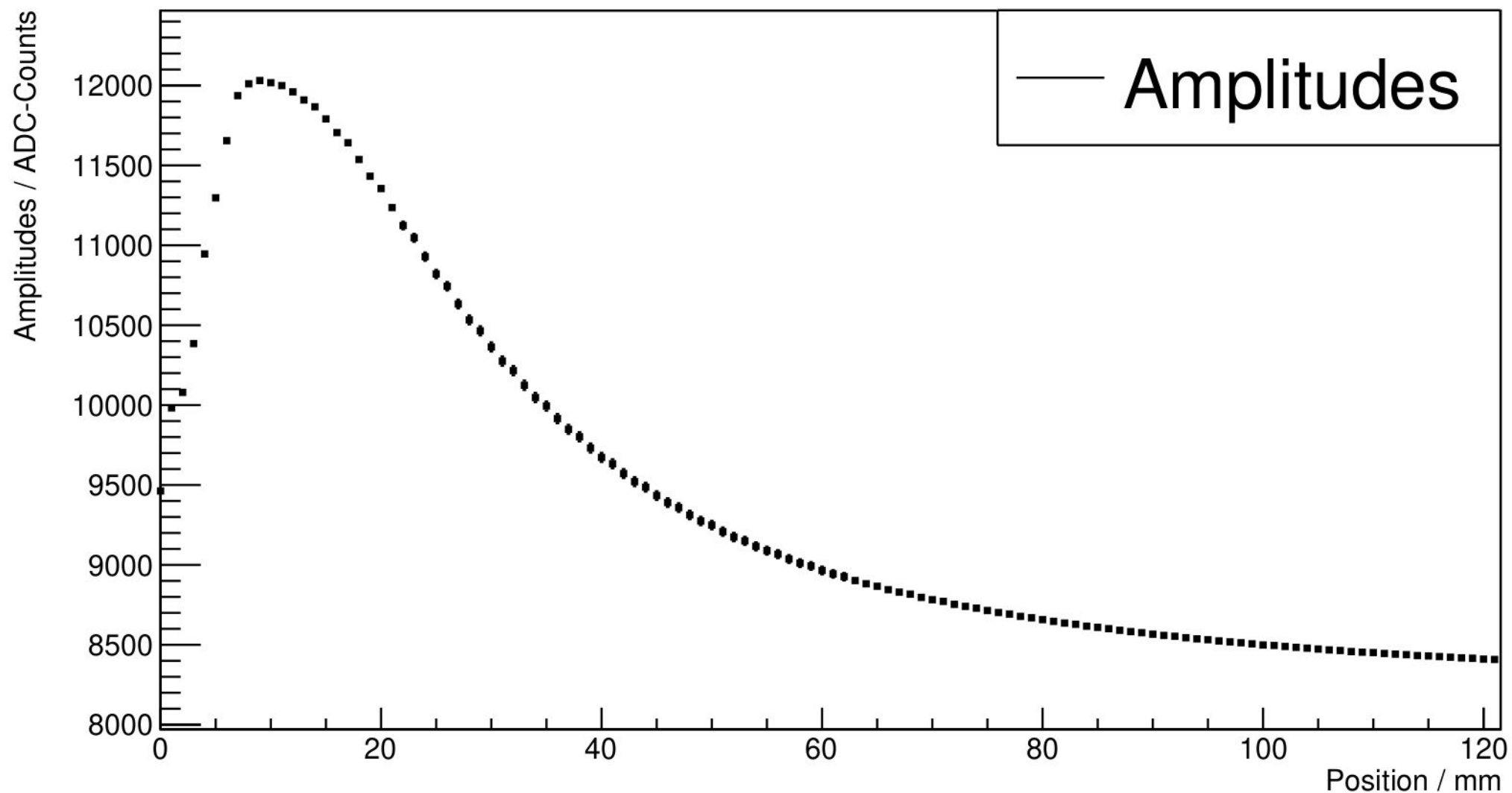
Reflectivity measurements

- Stepper motor which moves threaded rod
- resolution of 0.0075 mm steps possible
- Screws to center fiber precisely



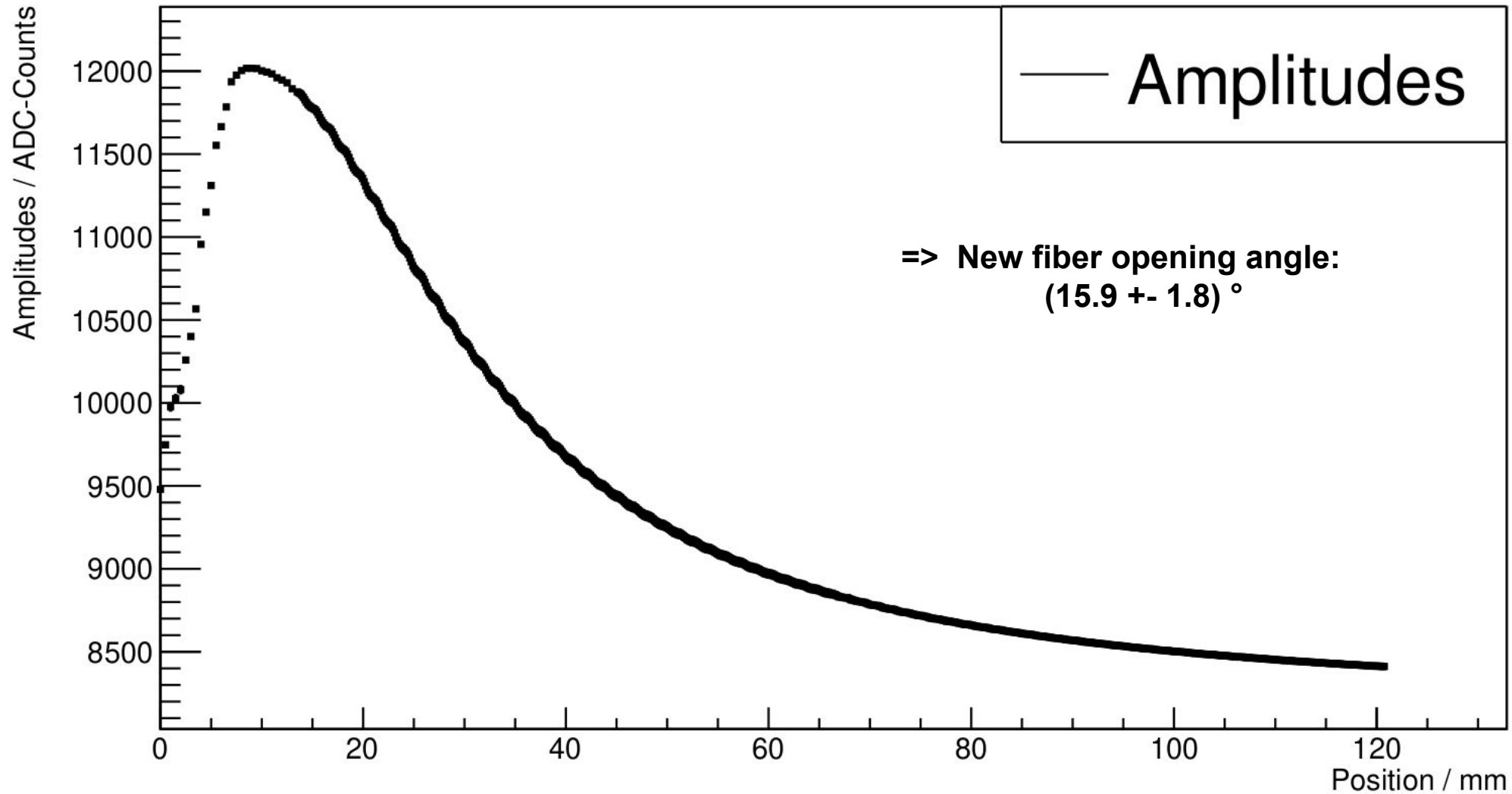
Reflectivity measurements

Amplitude vs pos



Reflectivity measurements

Amplitude vs pos



Reflectivity simulation

- Simulation of measurement setup
 - Specifications of fiber included
- > Still some bugs...

