

Notebook

June 5, 2024

1 Panel report

[3]: Calibration date: June 05 2024, 11:16

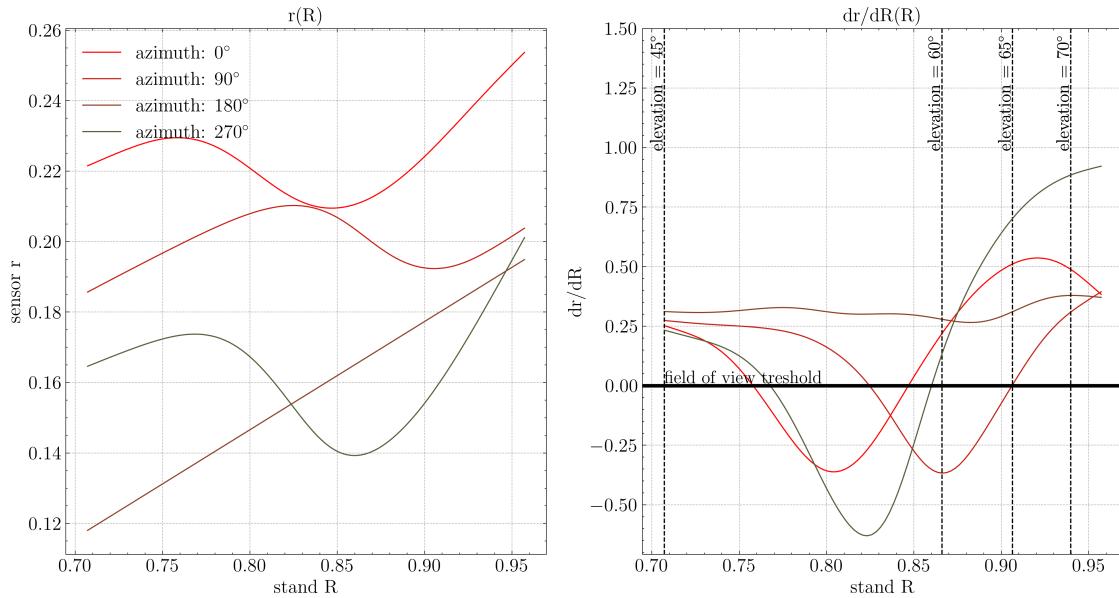
Panel number: g02-0003

Approximate estimated fov: 50.0948 degrees

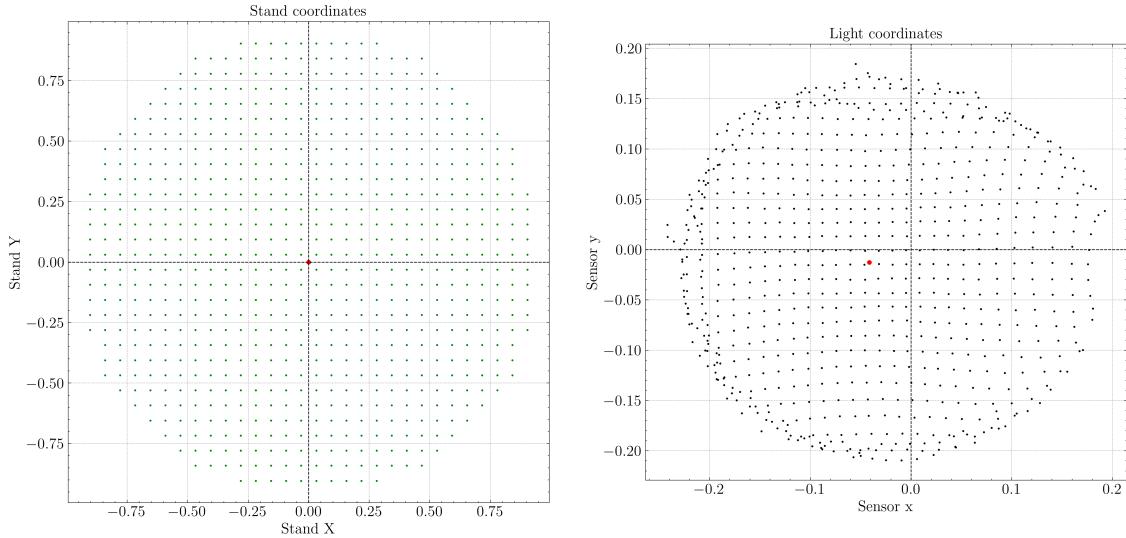
Grid size: 16x16

2 Initial tests

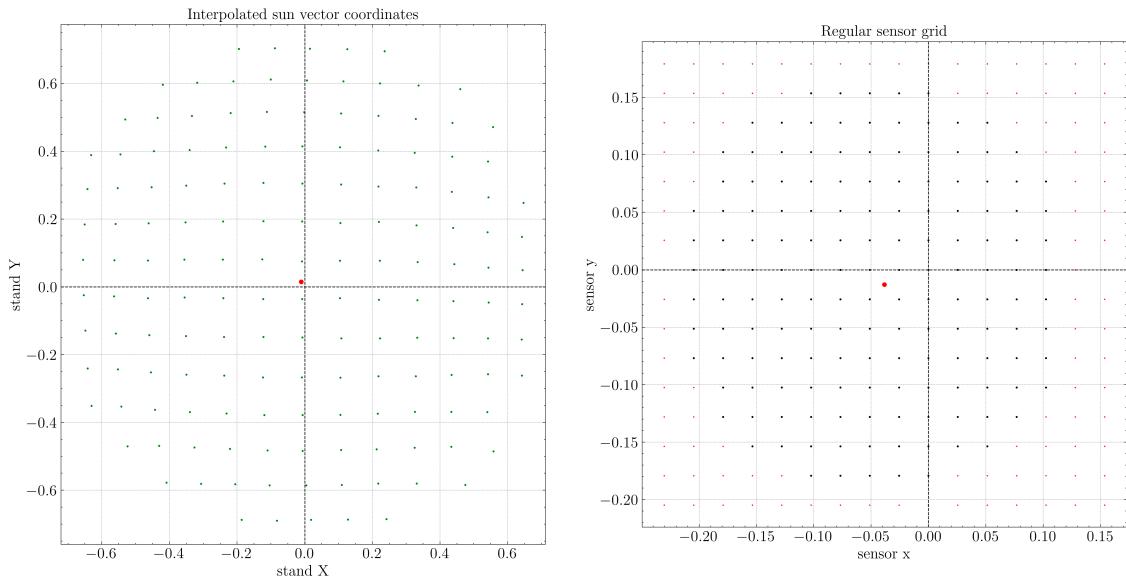
2.1 Sensor field of view preliminary estimation



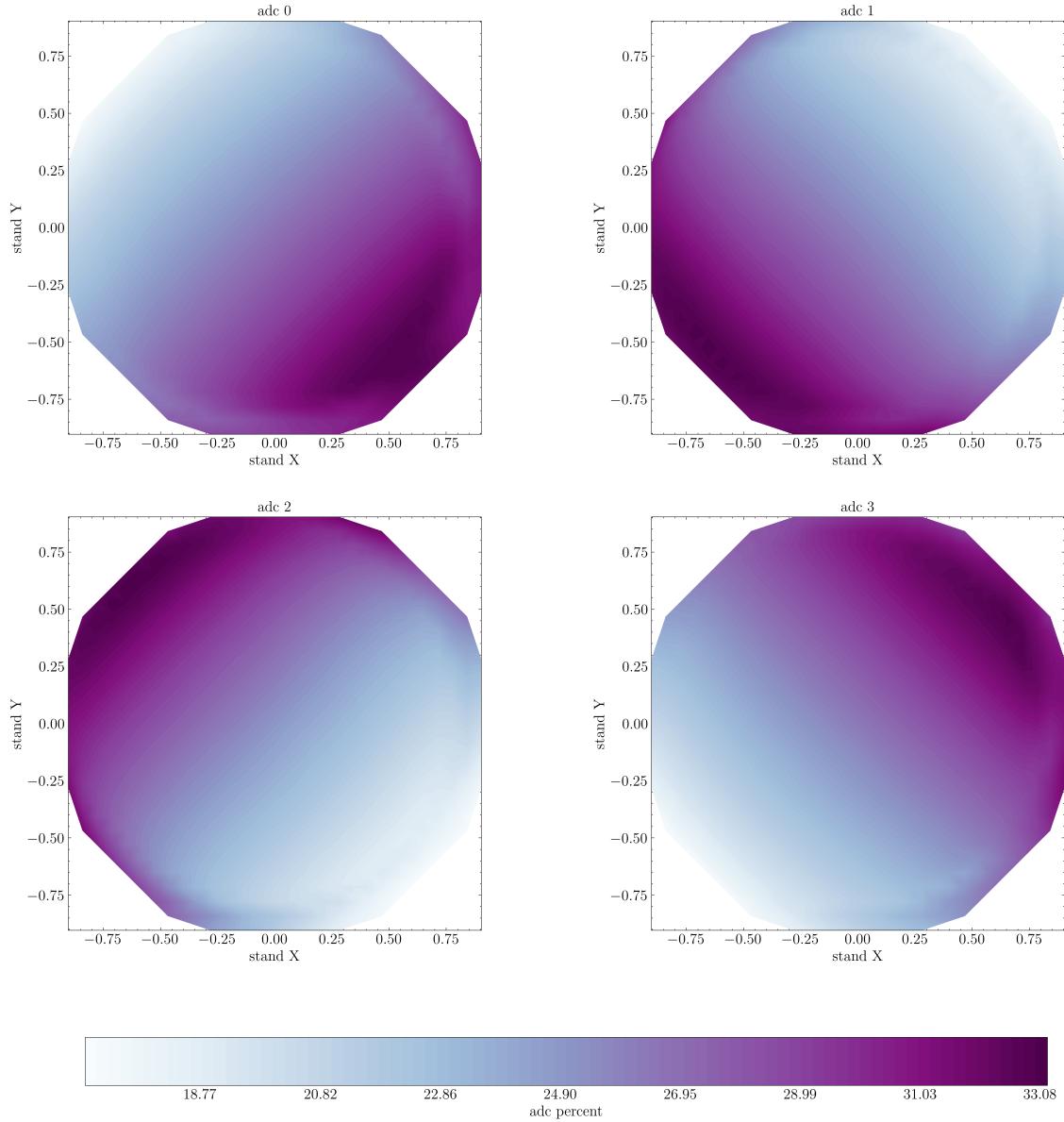
2.2 First passage



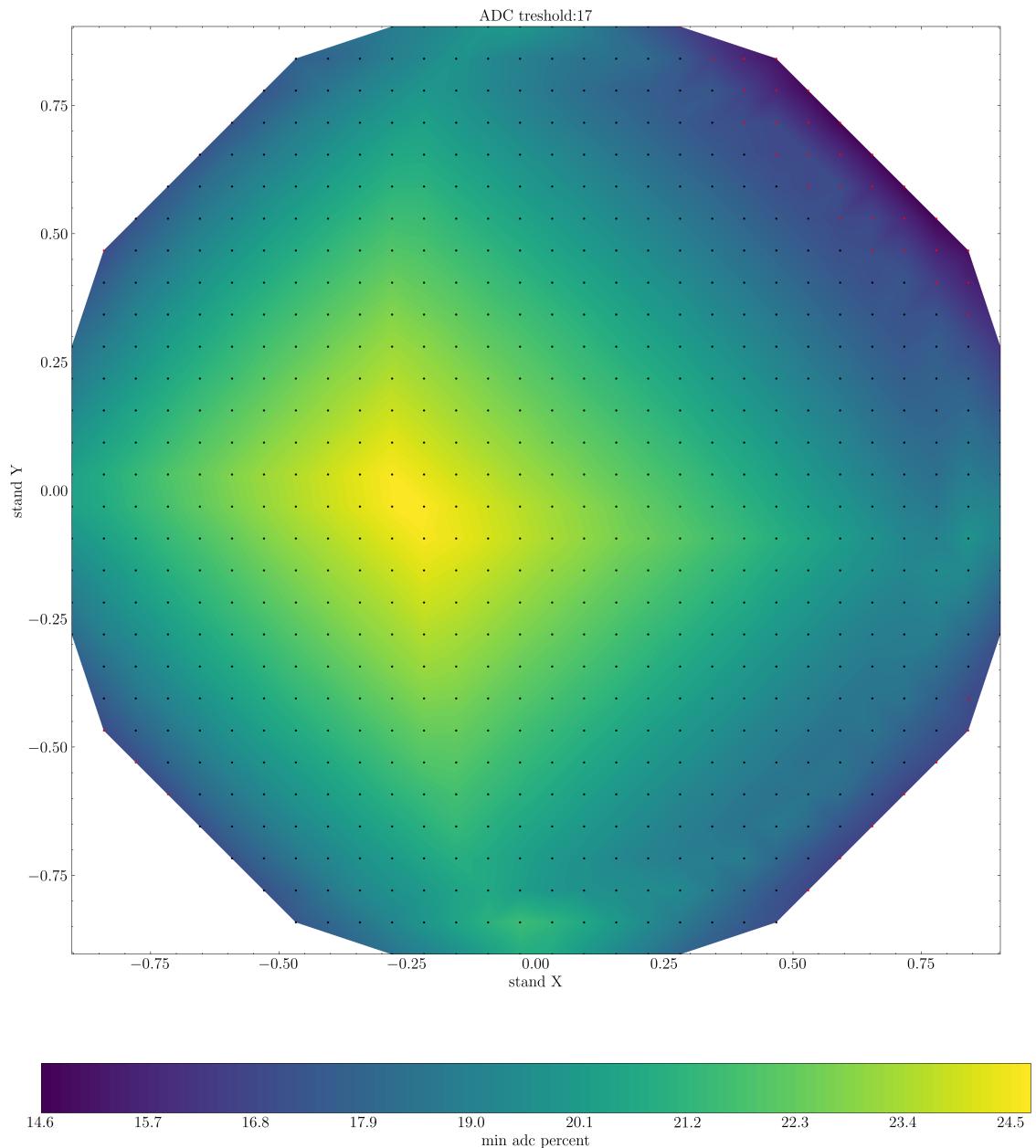
2.3 First interpolation result

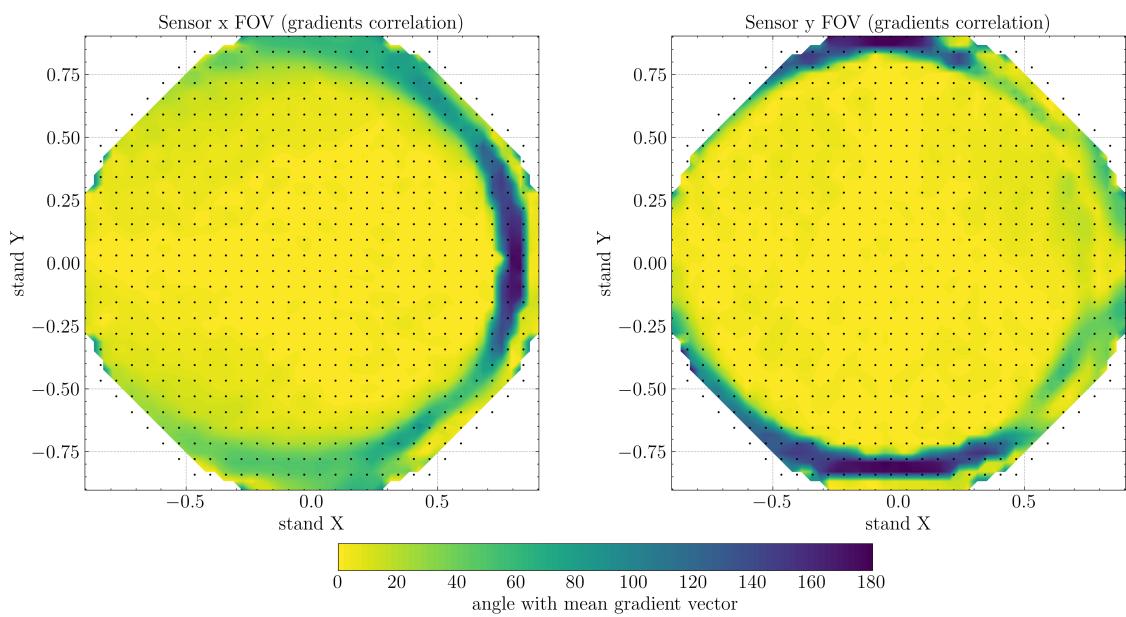
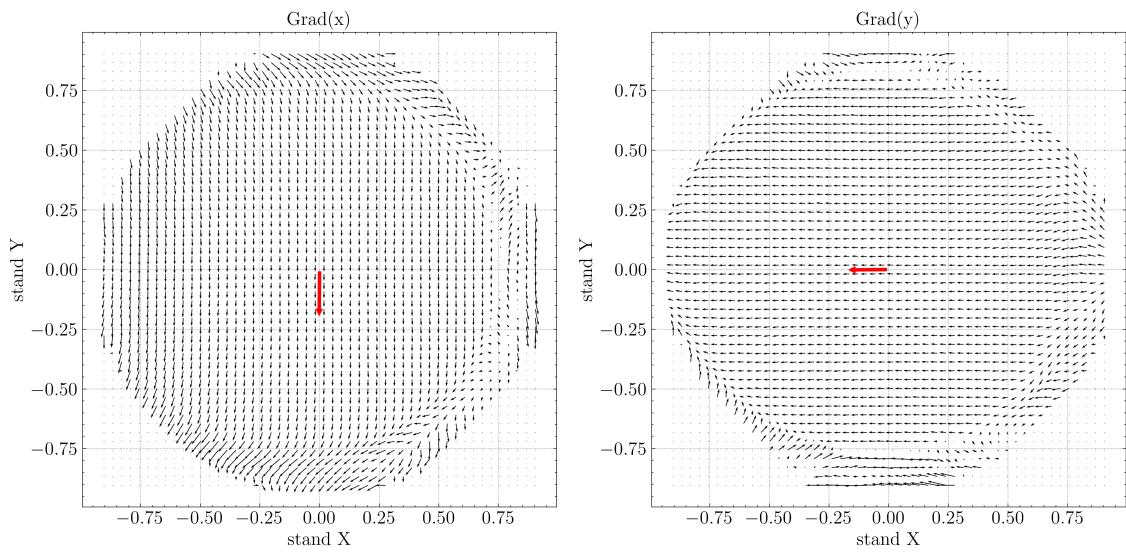


2.4 Adc channels light distribution in percents



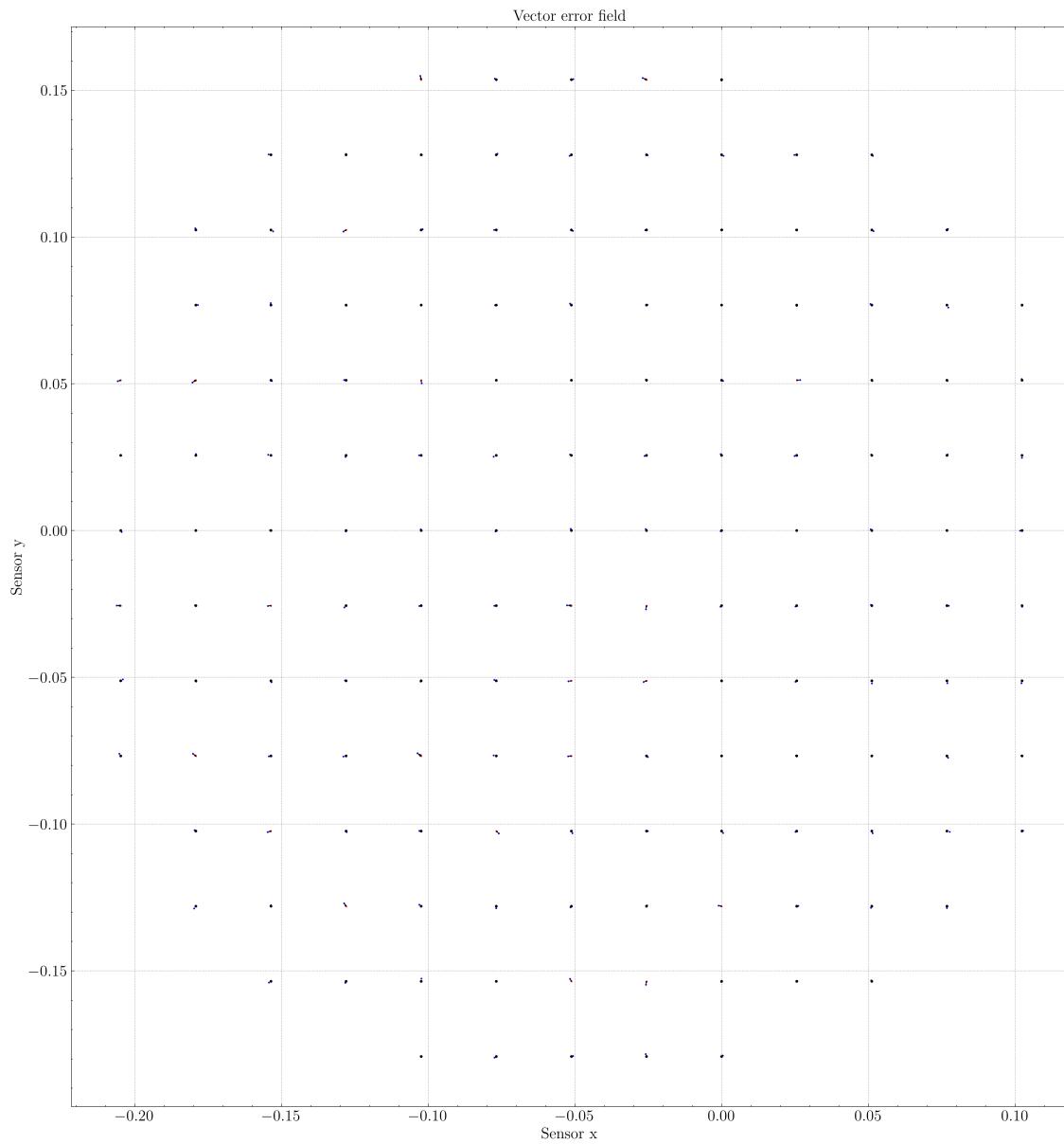
2.5 Sensor FOV

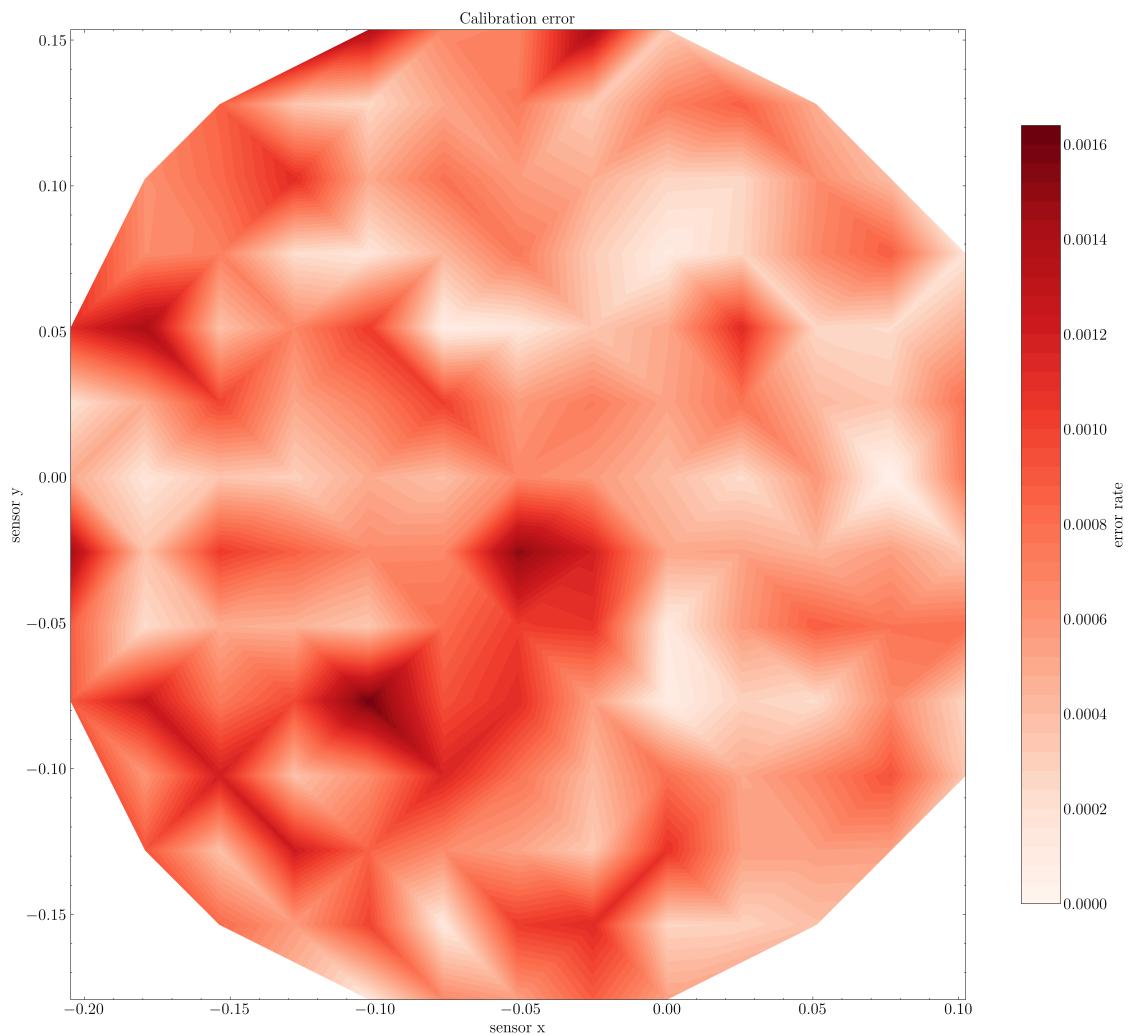




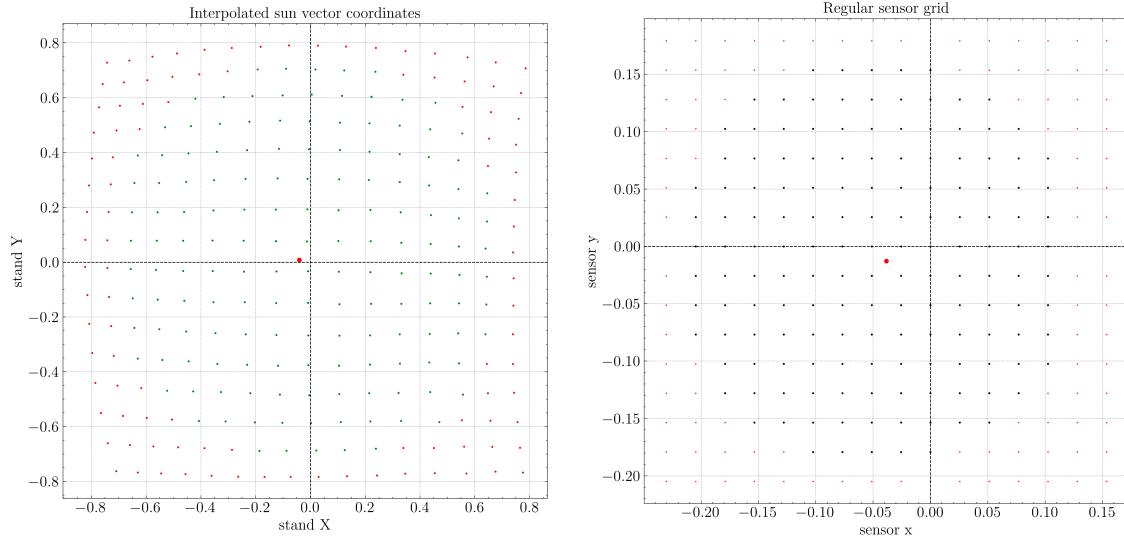
3 Second passage

3.1 Second passage error assessment

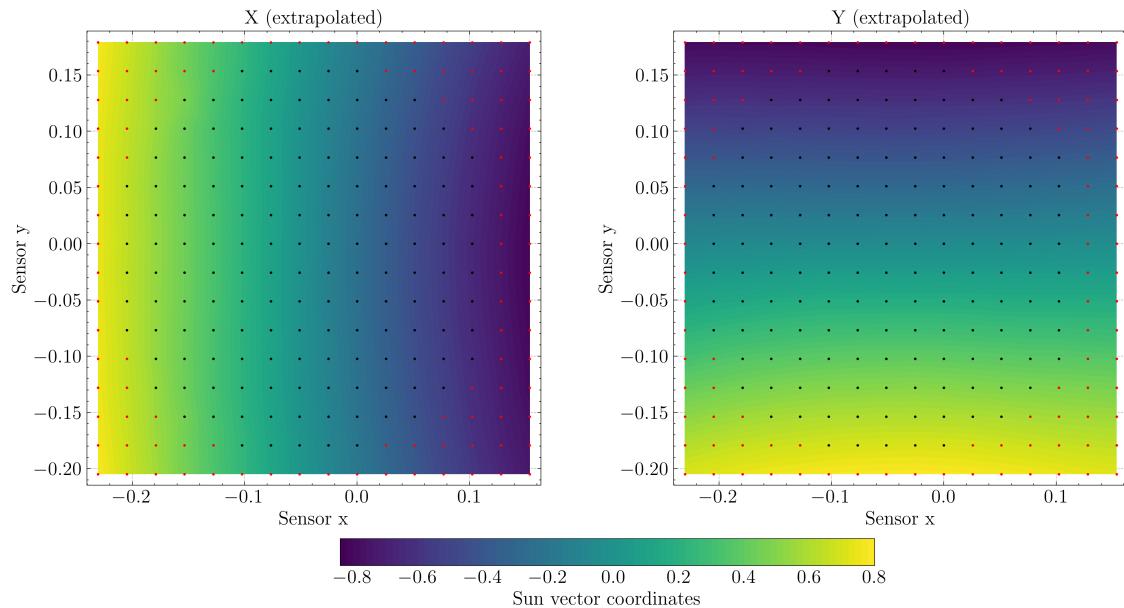


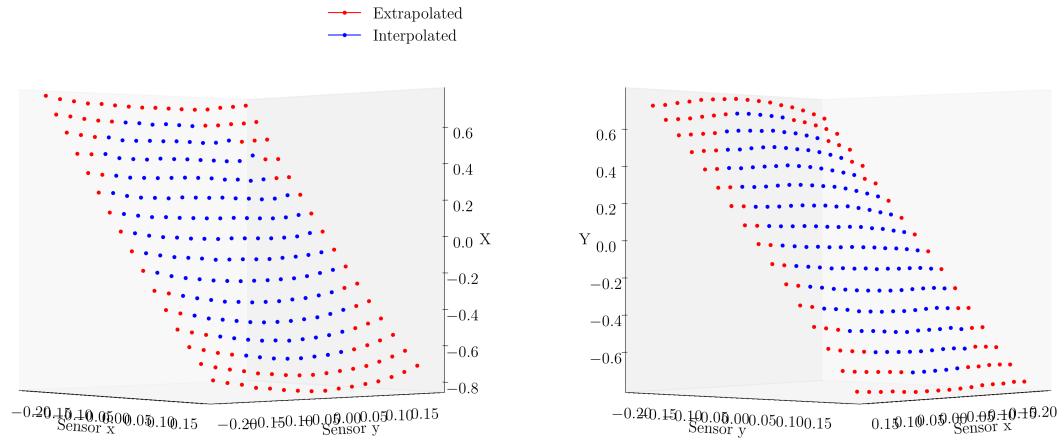


4 Second calibration results with cubic extrapolation

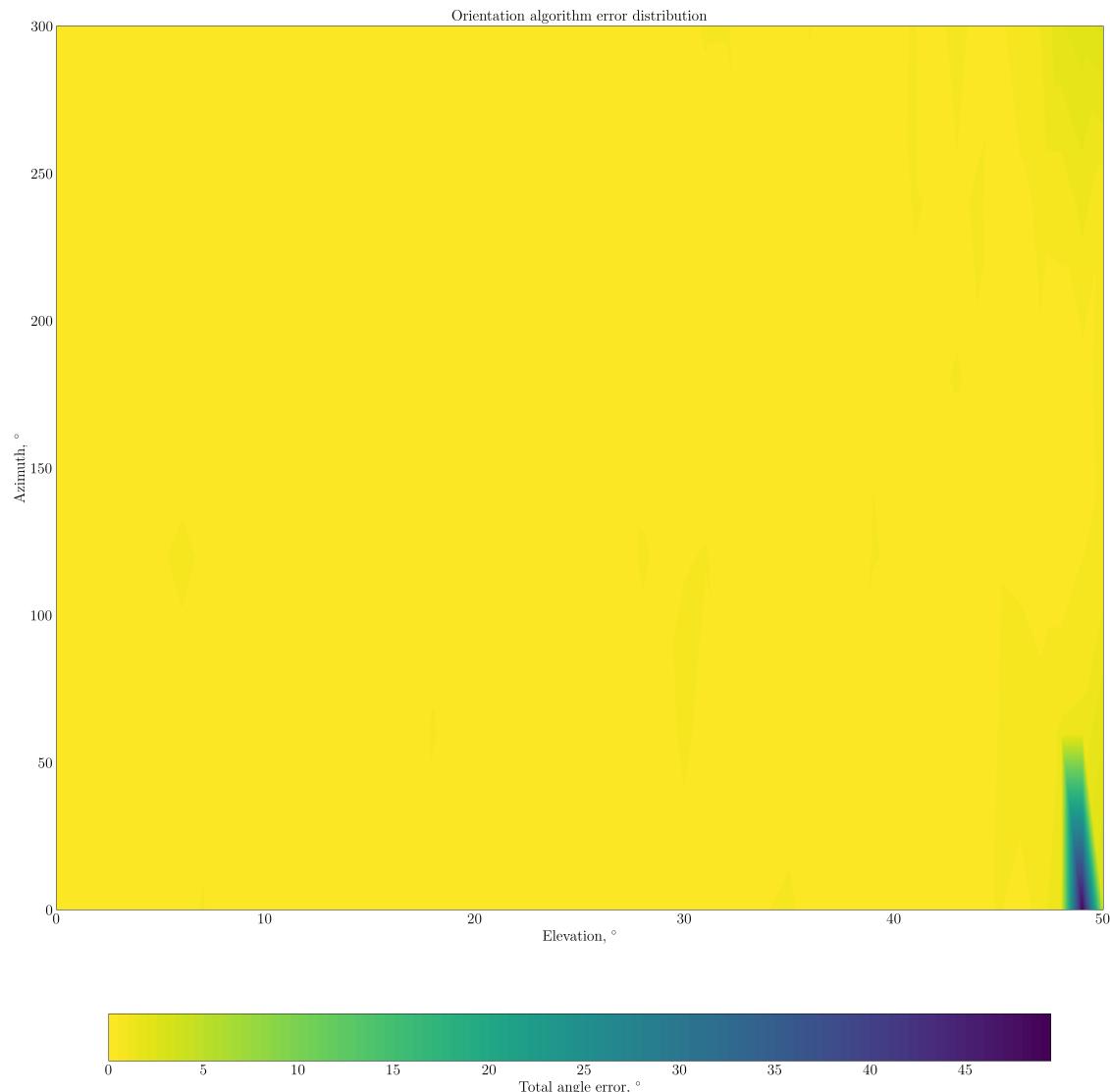


4.1 Final results





5 Algorithm error assessment



- Error is less than mean + std
 - Error more than mean + std
- Mean error is: 0.495°
Error standart deviation is: 2.797°

