

Towards single sodium atom in ODT

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- 1 Sodium ODT beam path
- 2 Further characterization of the cesium trap
- 3 Sodium MOT

AOBD for Na ODT

- It works.

AOBD for Na ODT

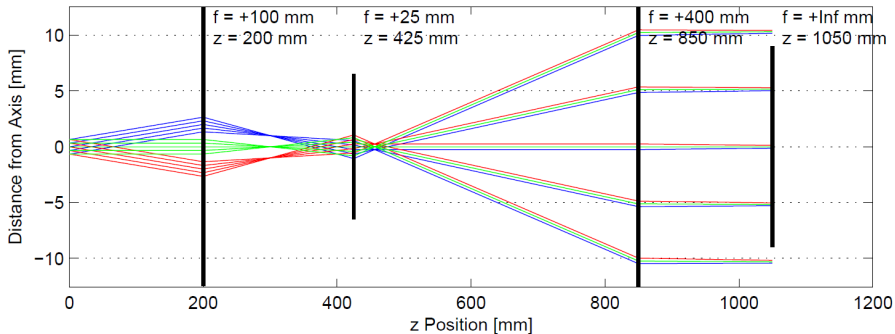
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- Solution.



Further characterization of the Cs trap

- ODT with non-magic wavelength.
- Lifetime.
- Temperature. Measured with release and recapture.

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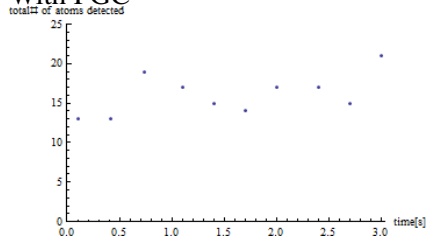
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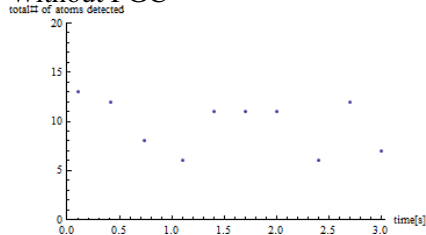
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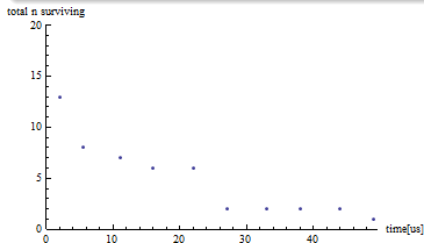


● Without PGC

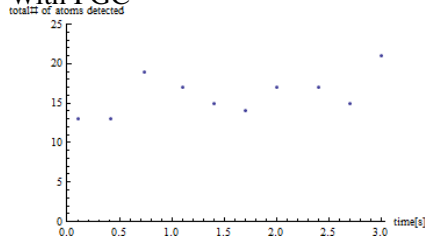


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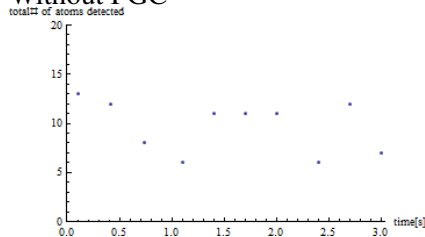
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● Without PGC



Na MOT

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- Laser noise.

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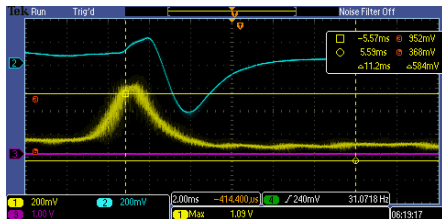
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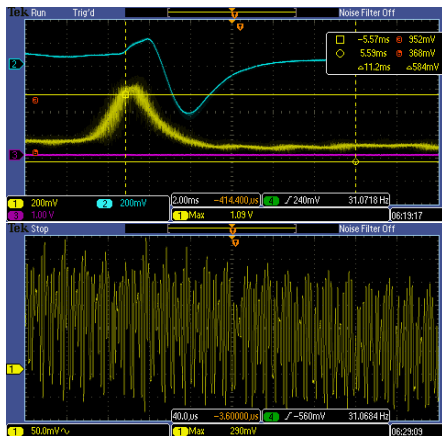
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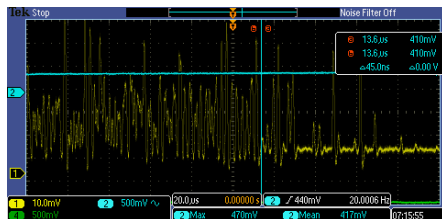
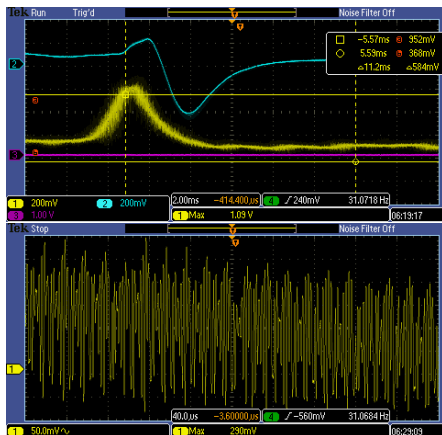
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