Results in the small ROI

 $SNR \ ROI = 13.09 +- 0.101$ $SNR \ Ghost = 1.08 +- 0.009$

temporal SNR before and after drift correction $tSNR\ ROI = 22.17$ increases to 23.70

Results in the large ROI

SNR ROI = 10.93 +- 0.042 SNR Ghost = 1.08 +- 0.005

Maximum Displacement = 47.82 pixels

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