Results in the small ROI

 $SNR \ ROI = 12.95 +- 0.106$ $SNR \ Ghost = 1.07 +- 0.009$

temporal SNR before and after drift correction $tSNR\ ROI = 21.44$ increases to 23.33

Results in the large ROI

SNR ROI = 10.81 +- 0.043 SNR Ghost = 1.08 +- 0.004

Maximum Displacement = 48.89 pixels

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