Results in the small ROI

 $SNR \ ROI = 12.98 +- 0.111$ $SNR \ Ghost = 1.07 +- 0.008$

temporal SNR before and after drift correction $tSNR\ ROI = 21.44$ increases to 23.62

Results in the large ROI

SNR ROI = 10.94 +- 0.055 SNR Ghost = 1.08 +- 0.004

Maximum Displacement = 48.28 pixels

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