Results in the small ROI

SNR ROI = 17.10 +- 0.105 SNR Ghost = 1.07 +- 0.009

temporal SNR before and after drift correction tSNR ROI = 31.67 increases to 31.94

Results in the large ROI

SNR ROI = 14.16 +- 0.048 SNR Ghost = 1.07 +- 0.002

Maximum Displacement = 55.91 pixels

Results in the small ROI

SNR ROI = 17.49 +- 0.100SNR Ghost = 1.10 +- 0.009

temporal SNR before and after drift correction  $tSNR\ ROI = 32.56$  increases to 32.79

Results in the large ROI

SNR ROI = 14.50 +- 0.021SNR Ghost = 1.23 +- 0.002

Maximum Displacement = 56.83 pixels

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