Results in the small ROI

SNR ROI = 18.05 +- 0.109 SNR Ghost = 1.07 +- 0.008

temporal SNR before and after drift correction tSNR ROI = 32.91 increases to 33.15

Results in the large ROI

SNR ROI = 14.95 +- 0.034 SNR Ghost = 1.06 +- 0.002

Maximum Displacement = 57.02 pixels

Results in the small ROI

SNR ROI = 18.46 +- 0.104 SNR Ghost = 1.07 +- 0.007

temporal SNR before and after drift correction  $tSNR\ ROI = 33.73$  increases to 33.98

Results in the large ROI

SNR ROI = 15.32 +- 0.030SNR Ghost = 1.07 +- 0.002

Maximum Displacement = 57.99 pixels

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