

# Dartmouth Brain Imaging Center (DBIC)

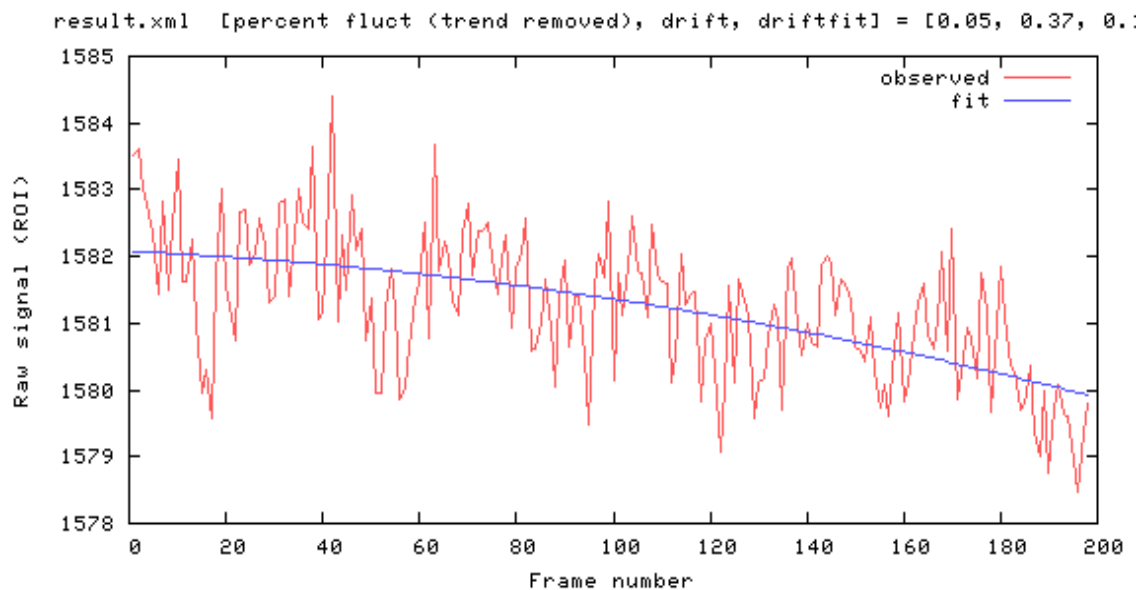
## QA Report 32 CH

08-01-2022

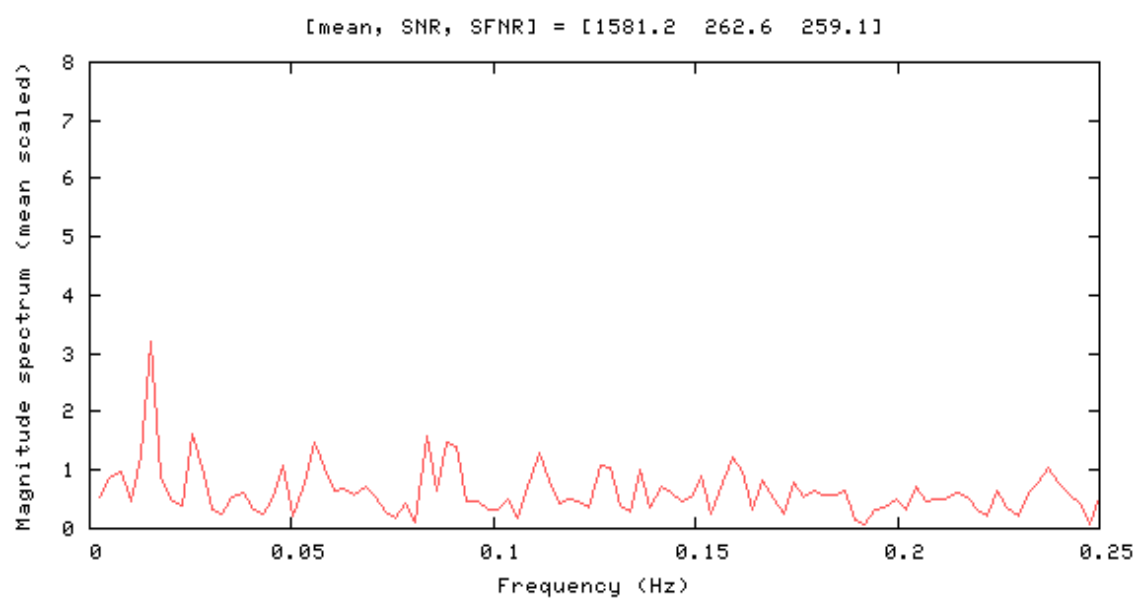
### Measurements

| Measurments                        | Value  |
|------------------------------------|--------|
| mean signal (mean)                 | 1581.2 |
| Signal to Noise Ratio (SNR)        | 262.6  |
| Signal to Fluctuation Ratio (SFNR) | 259.1  |
| Percent Fluctuation                | 0.05   |
| Drift                              | 0.37   |
| Radius of Decorrelation (RDC)      | 7.6    |
| Mean Ghost Percentage              | 1.855  |
| Standard Deviation (std)           | 0.87   |

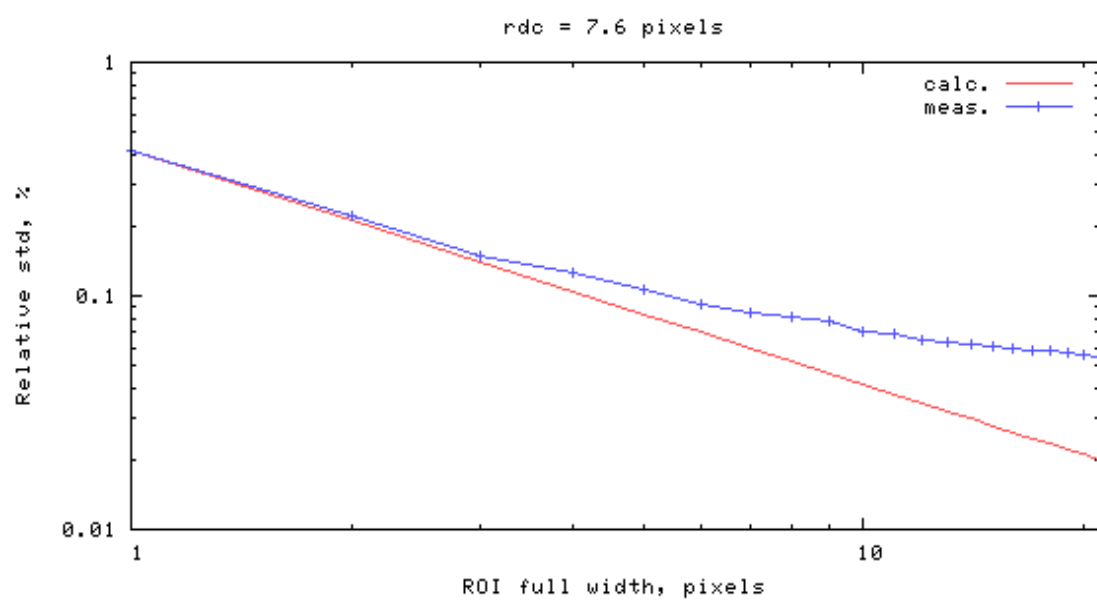
### Signal



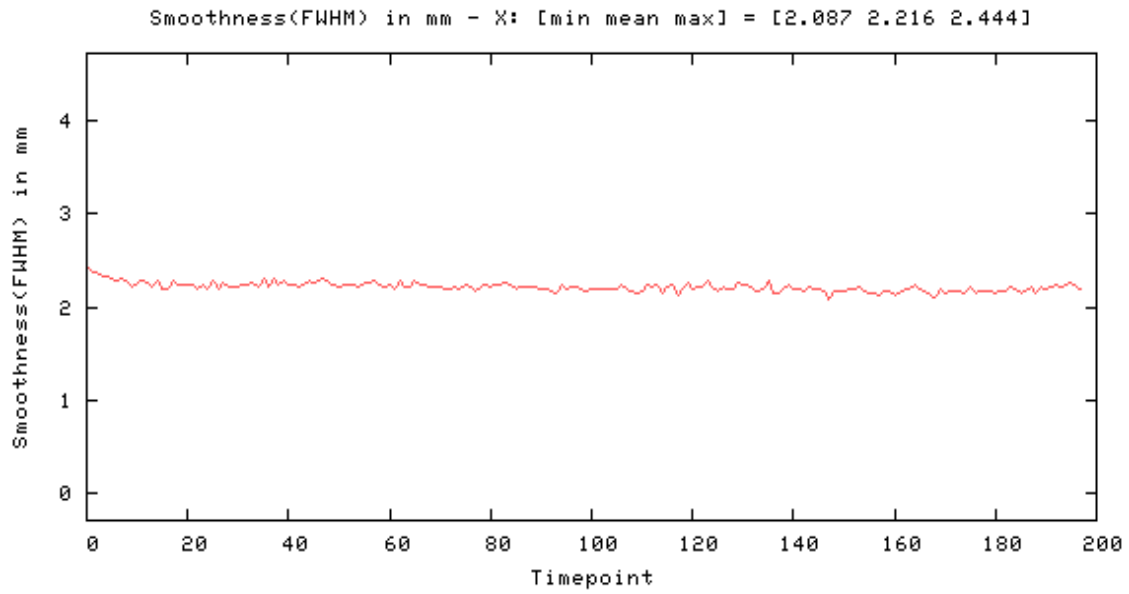
## Frequency Spectrum



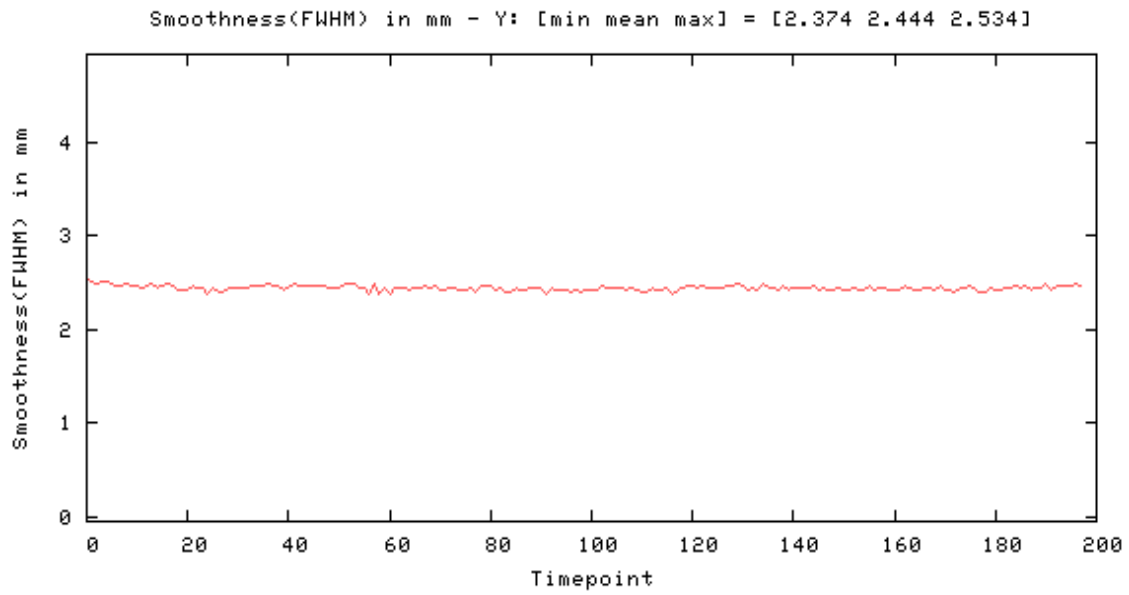
## Radius of Decorrelation



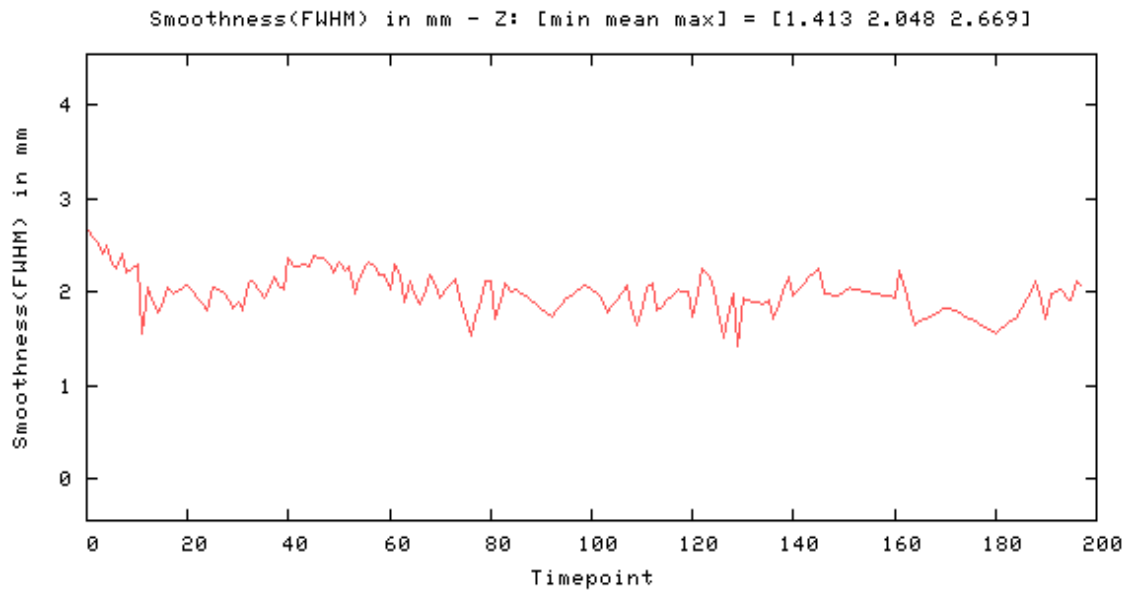
## Smoothness -X



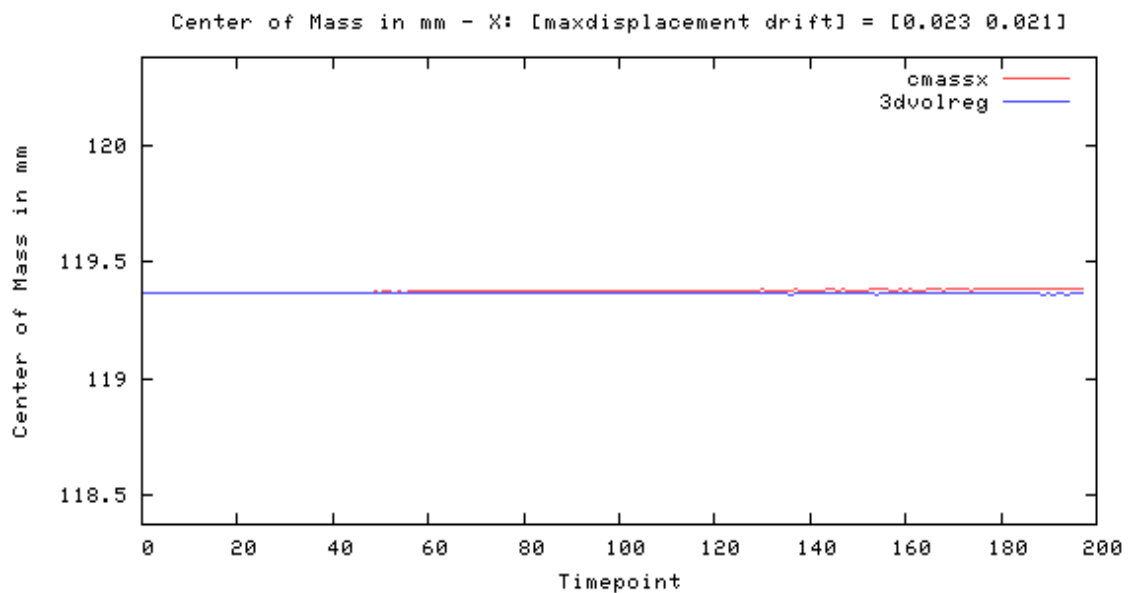
## Smoothness -Y



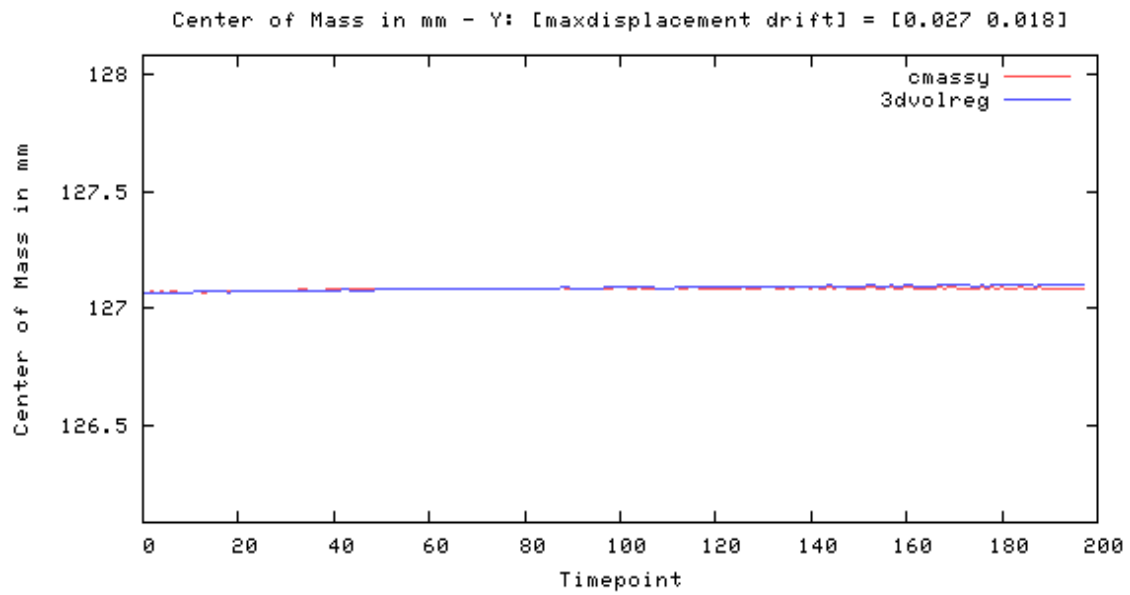
## Smoothness -Z



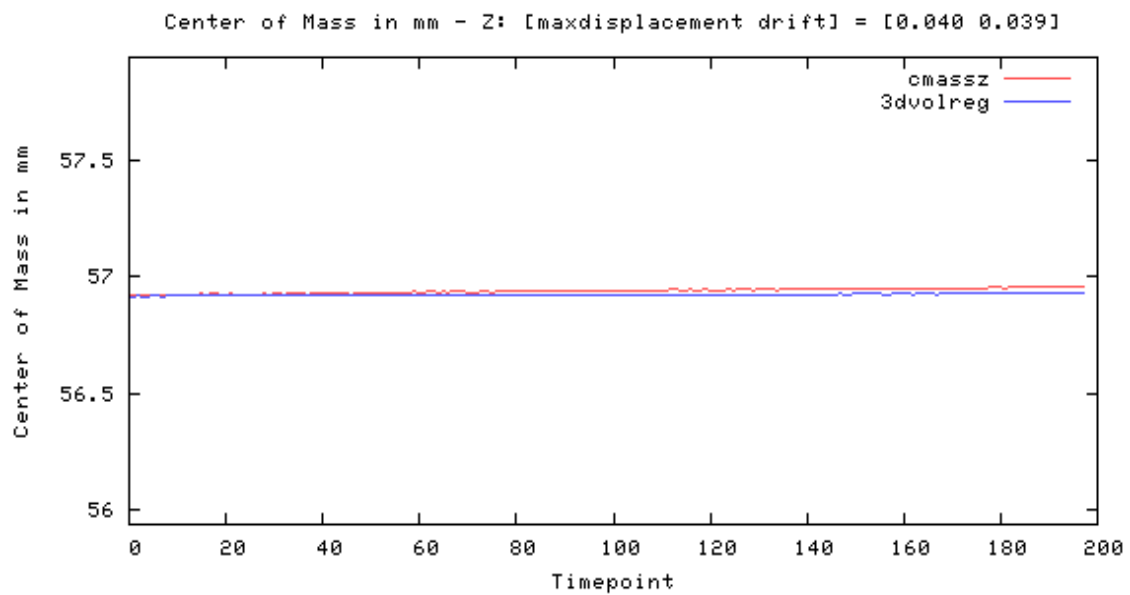
## Center of Mass -X



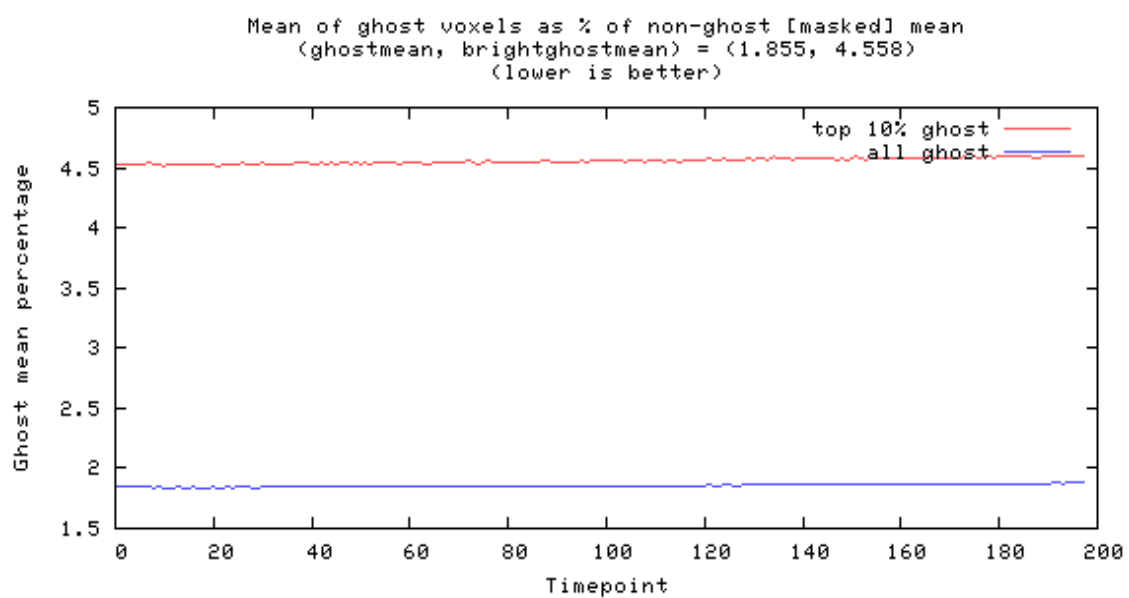
## Center of Mass -Y



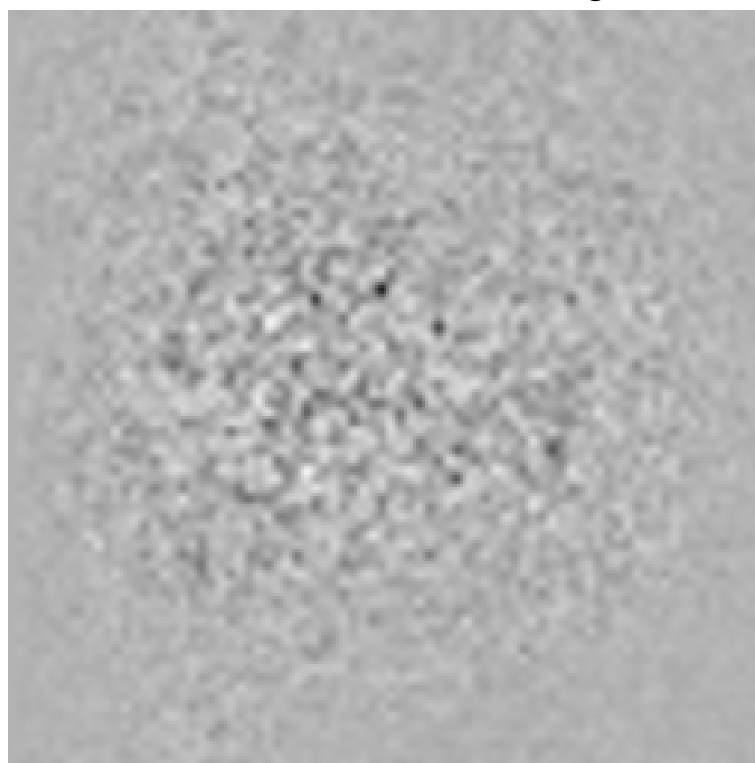
## Center of Mass -Z



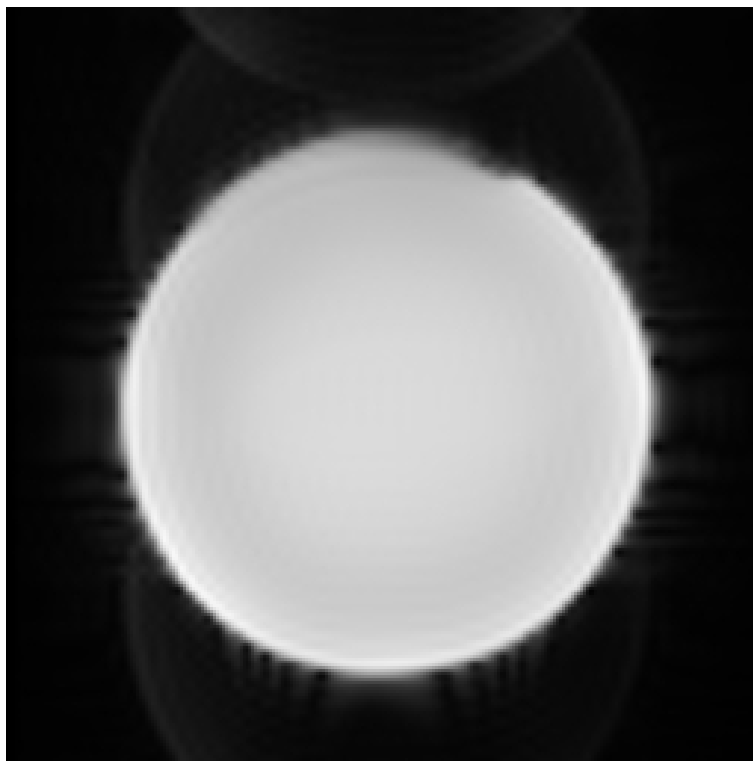
## Ghost



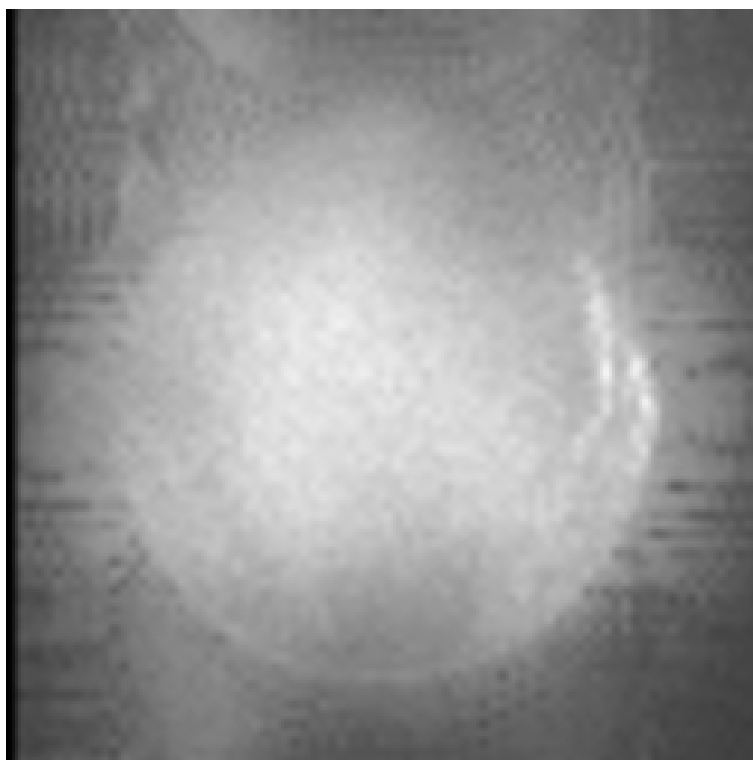
## Odd-Even Difference Image



Mean Image



Standard Deviation Image



SFNR Image

