

# Dartmouth Brain Imaging Center (DBIC)

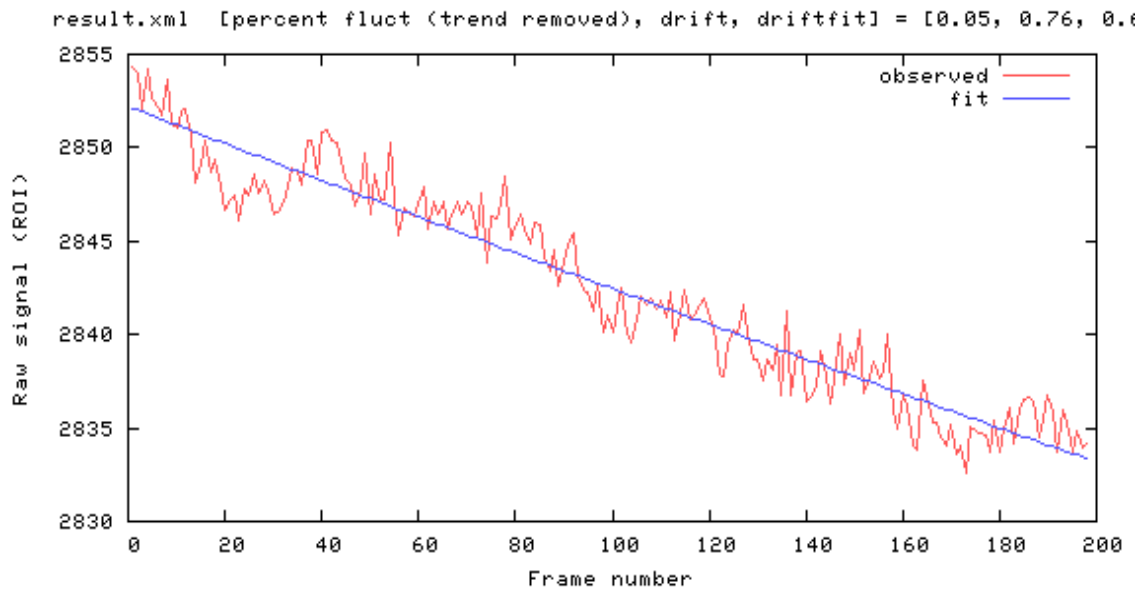
## QA Report 64 CH

07282025

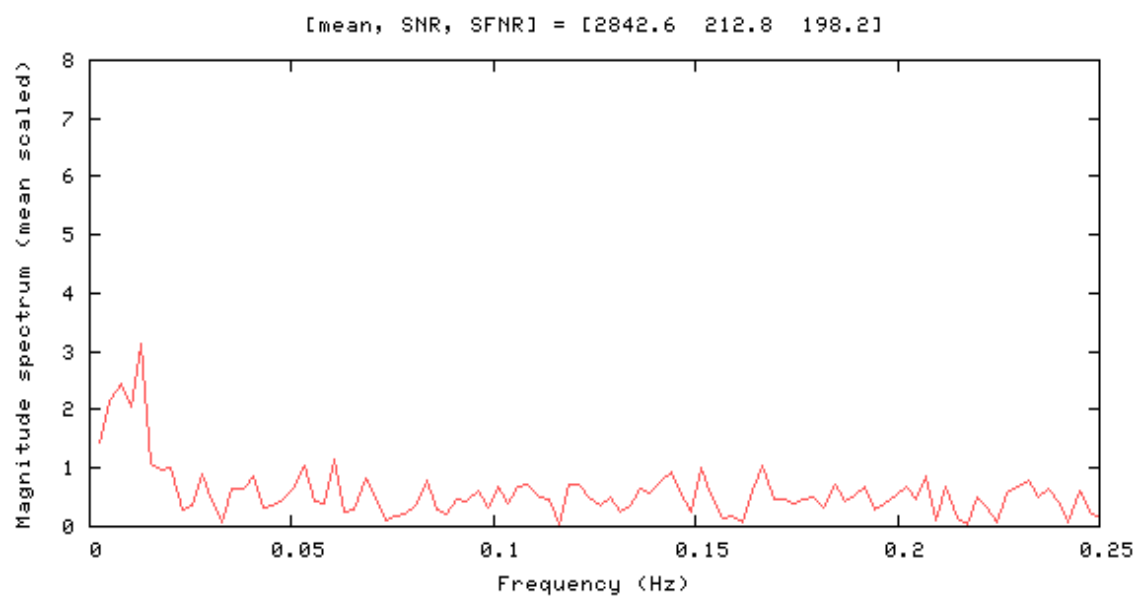
### Measurements

| Measurements                       | Value  |
|------------------------------------|--------|
| mean signal (mean)                 | 2842.6 |
| Signal to Noise Ratio (SNR)        | 212.8  |
| Signal to Fluctuation Ratio (SFNR) | 198.2  |
| Percent Fluctuation                | 0.05   |
| Drift                              | 0.76   |
| Radius of Decorrelation (RDC)      | 10.0   |
| Mean Ghost Percentage              | 2.173  |
| Standard Deviation (std)           | 1.53   |

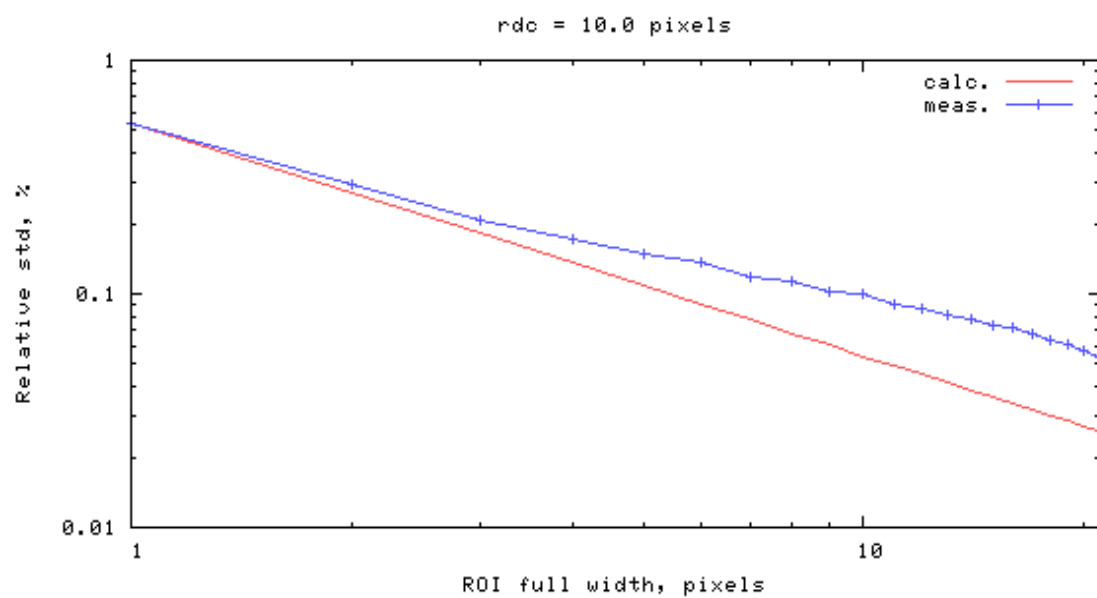
### Signal



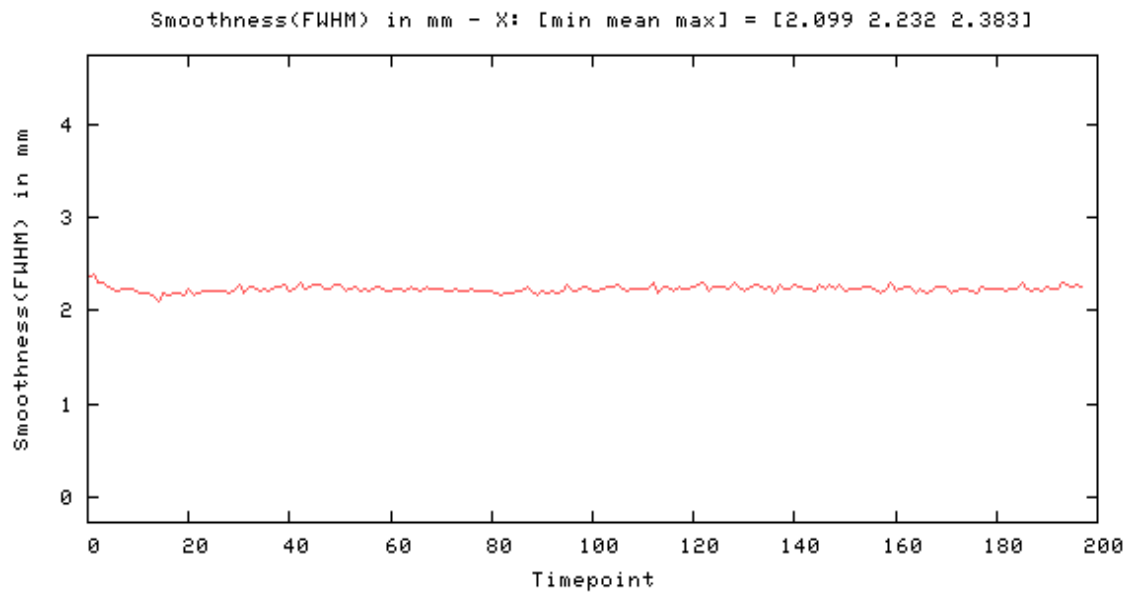
## Frequency Spectrum



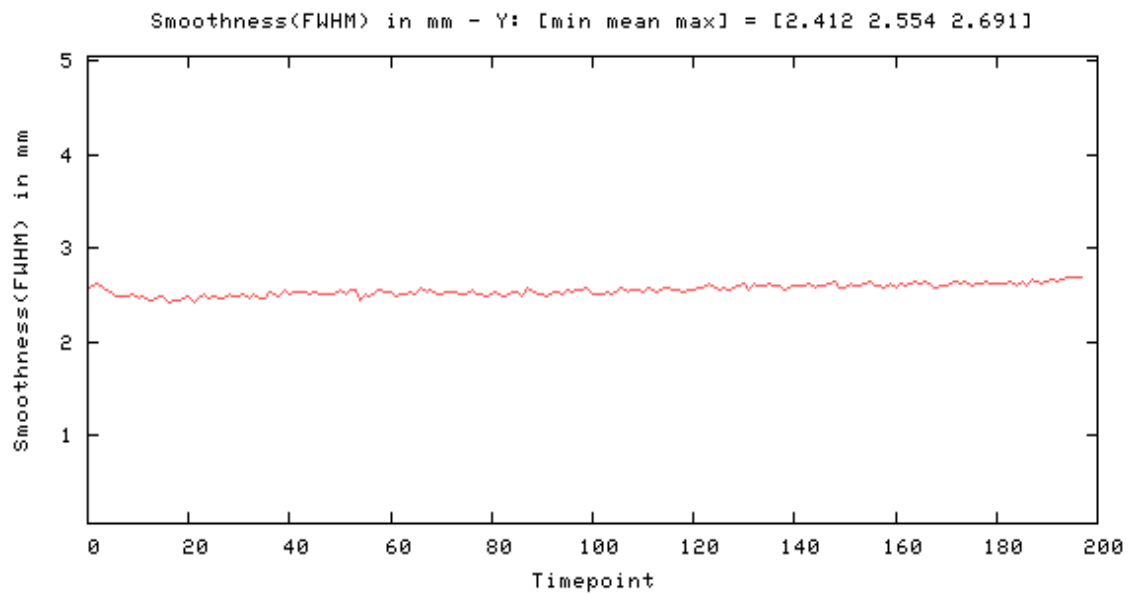
## Radius of Decorrelation



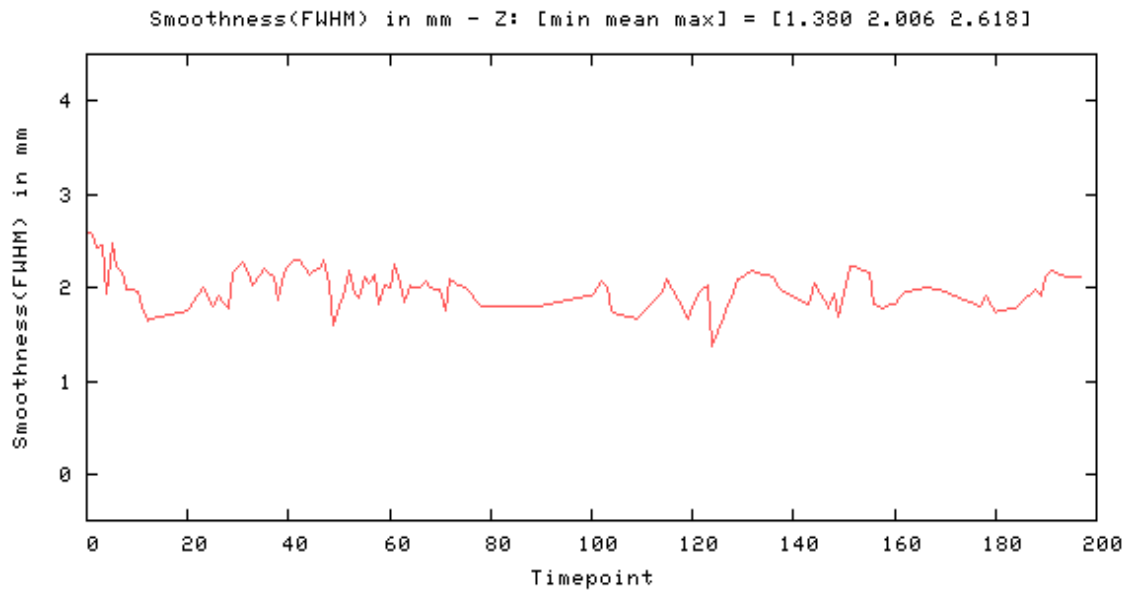
## Smoothness - X



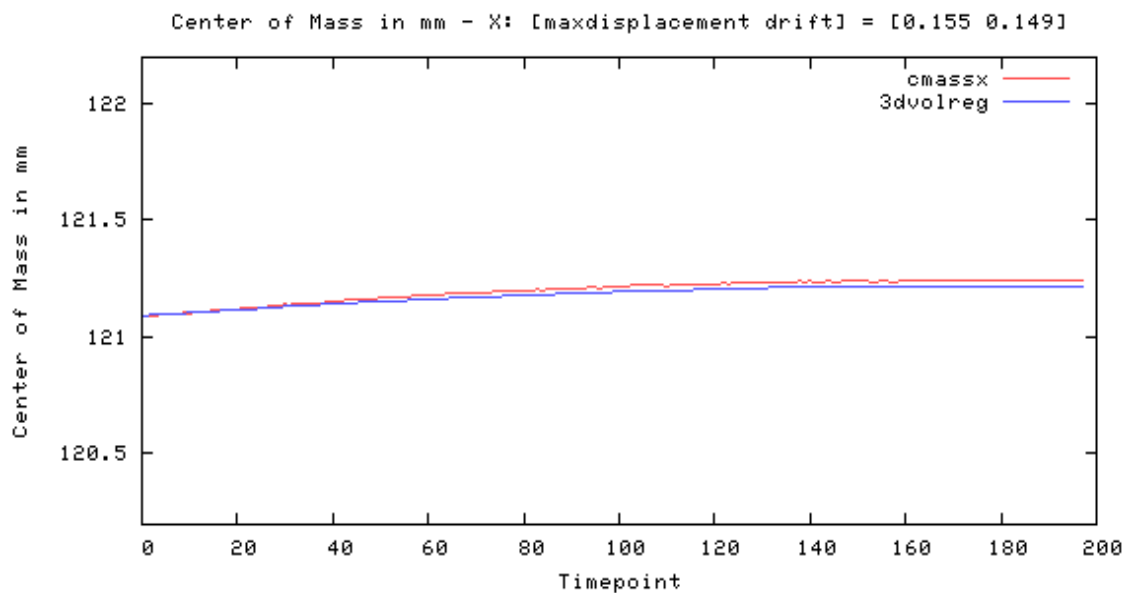
## Smoothness - Y



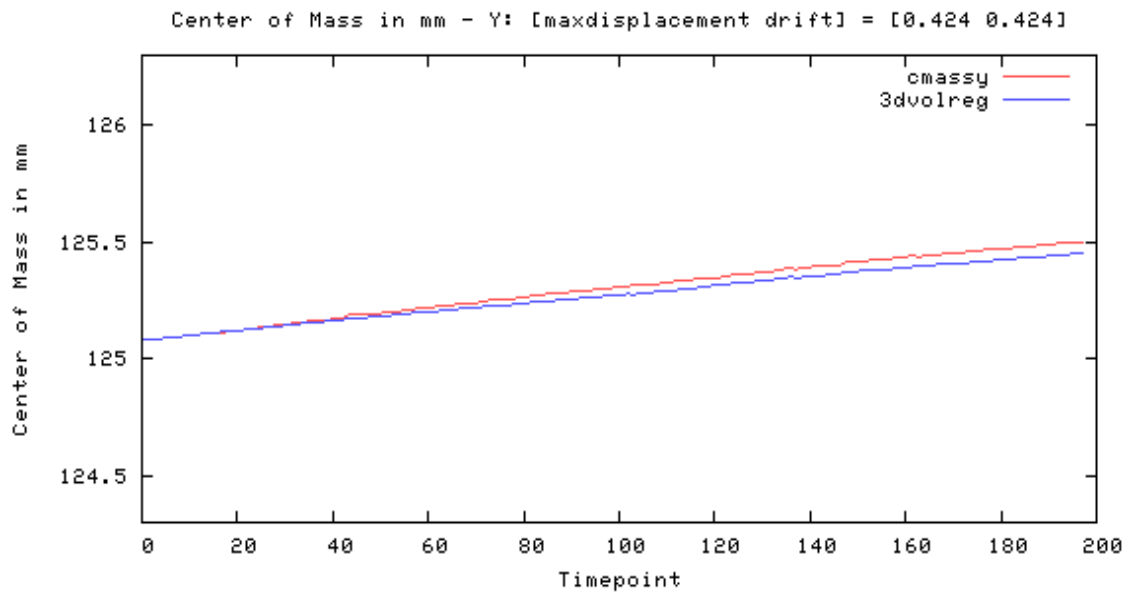
## Smoothness - Z



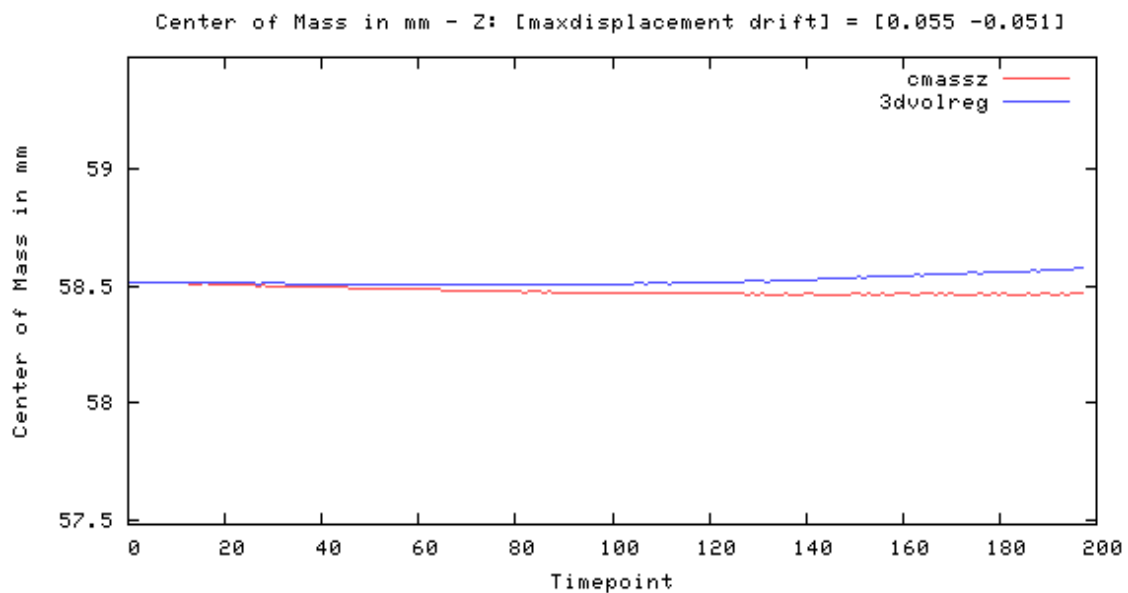
## Center of Mass - X



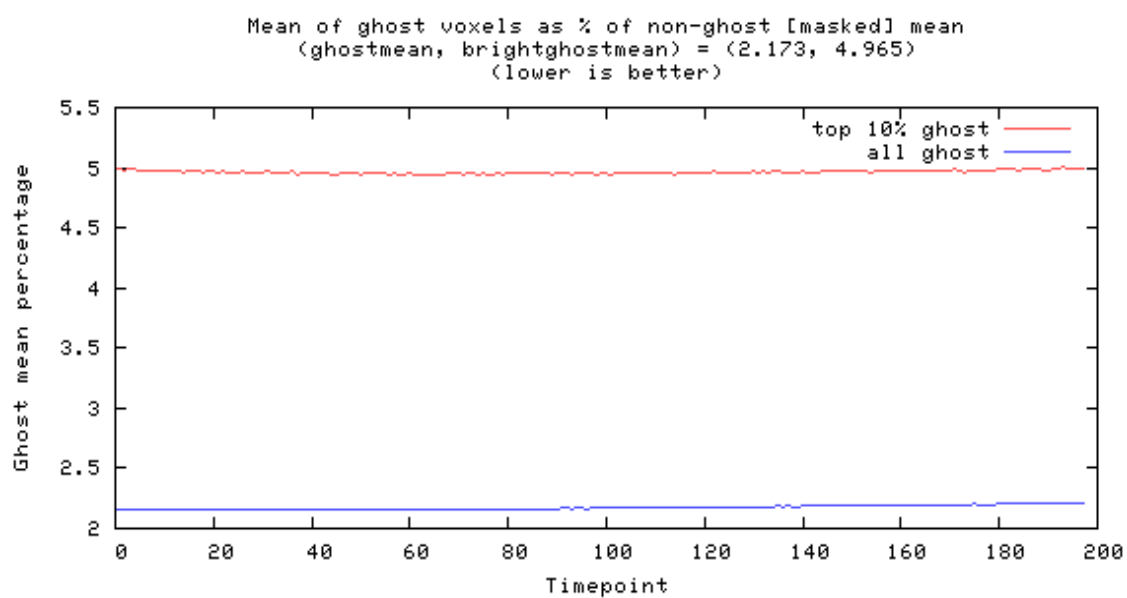
## Center of Mass - Y



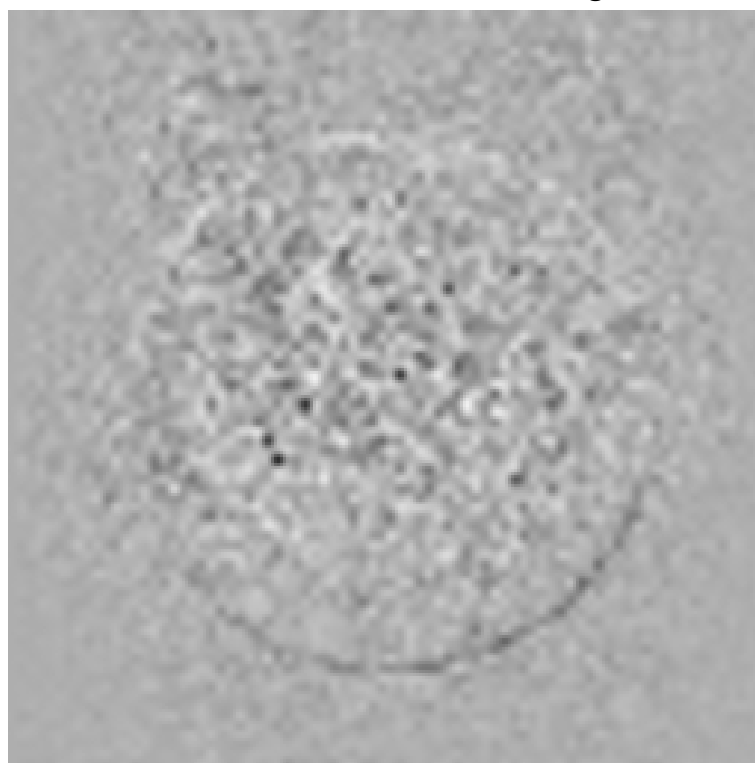
## Center of Mass - Z



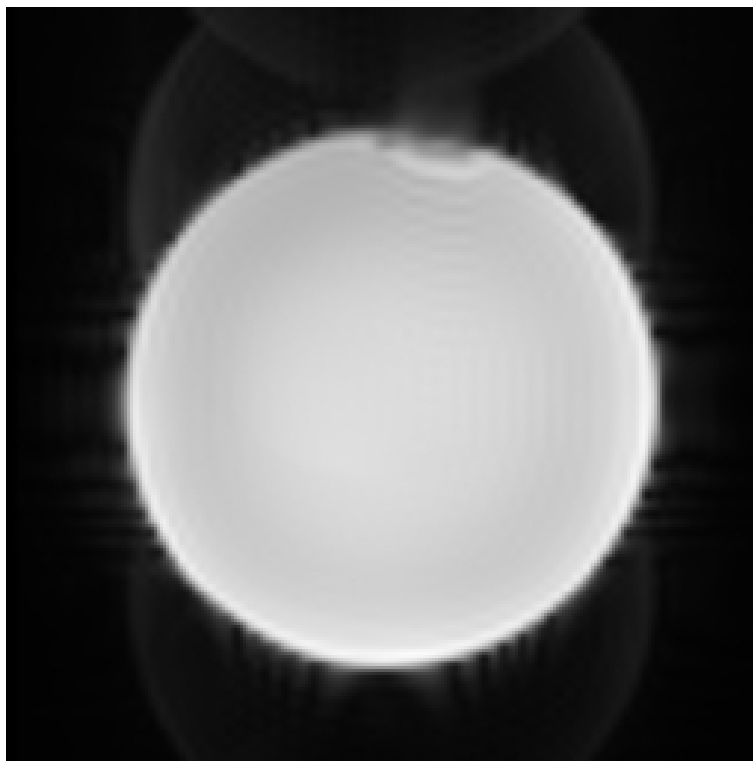
## Ghost



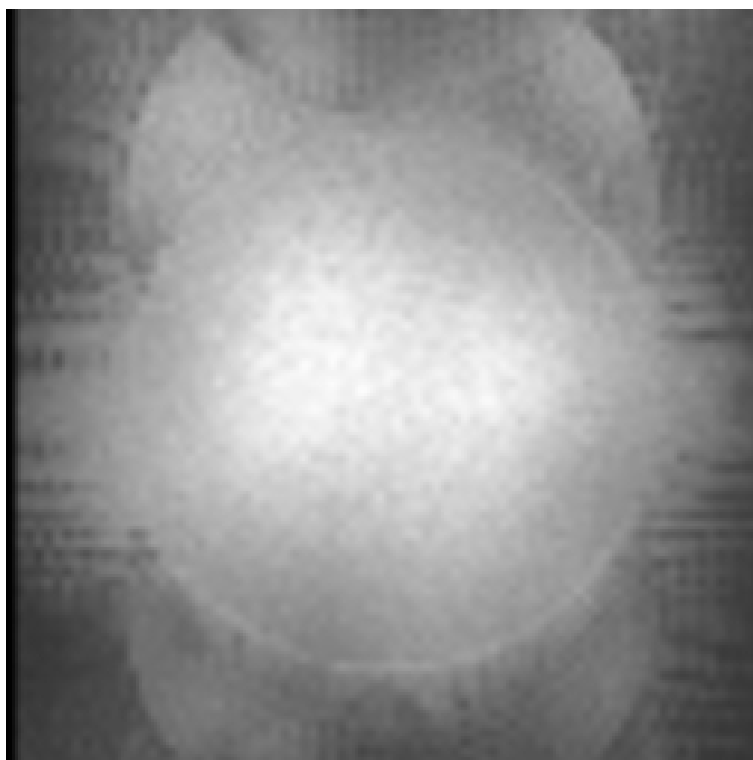
## Odd-Even Difference Image



Mean Image



Standard Deviation Image



SFNR Image

