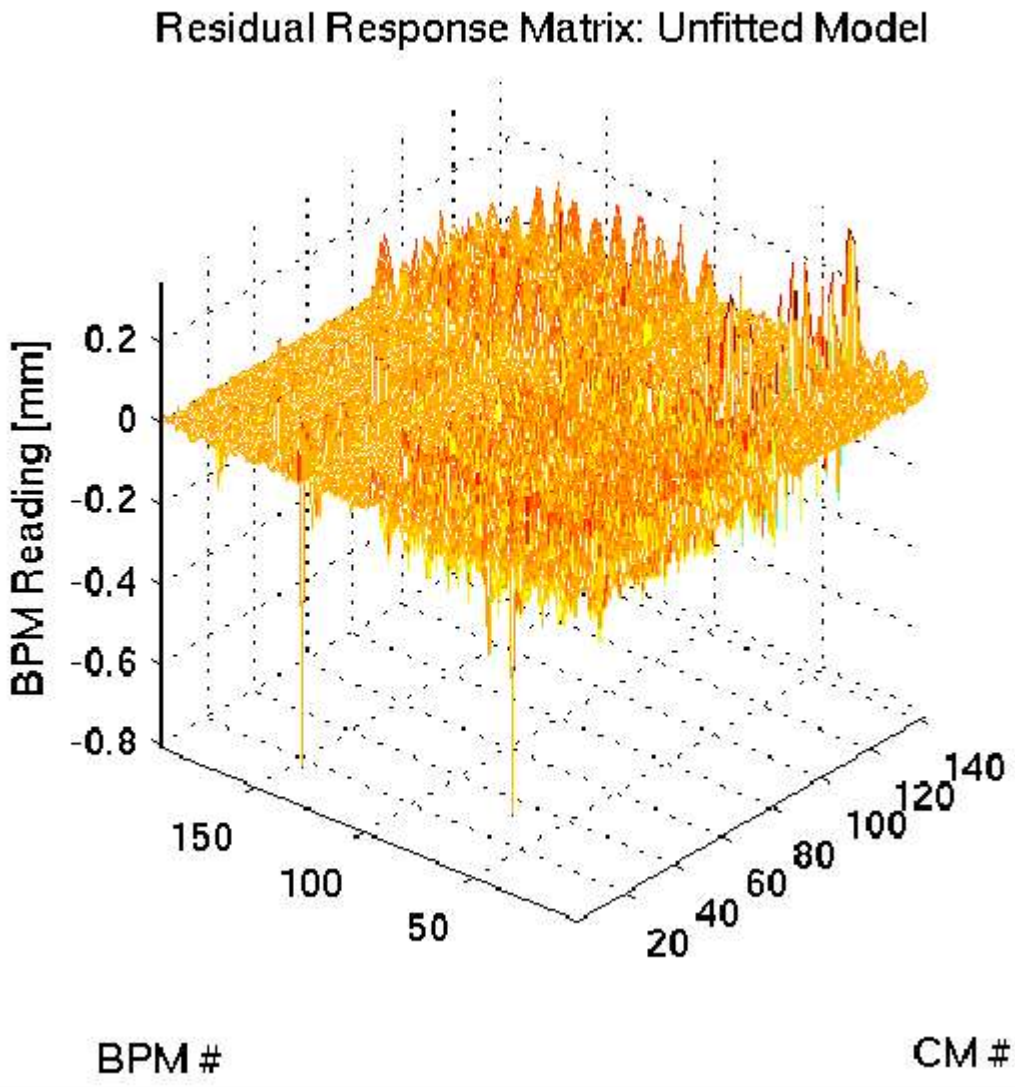
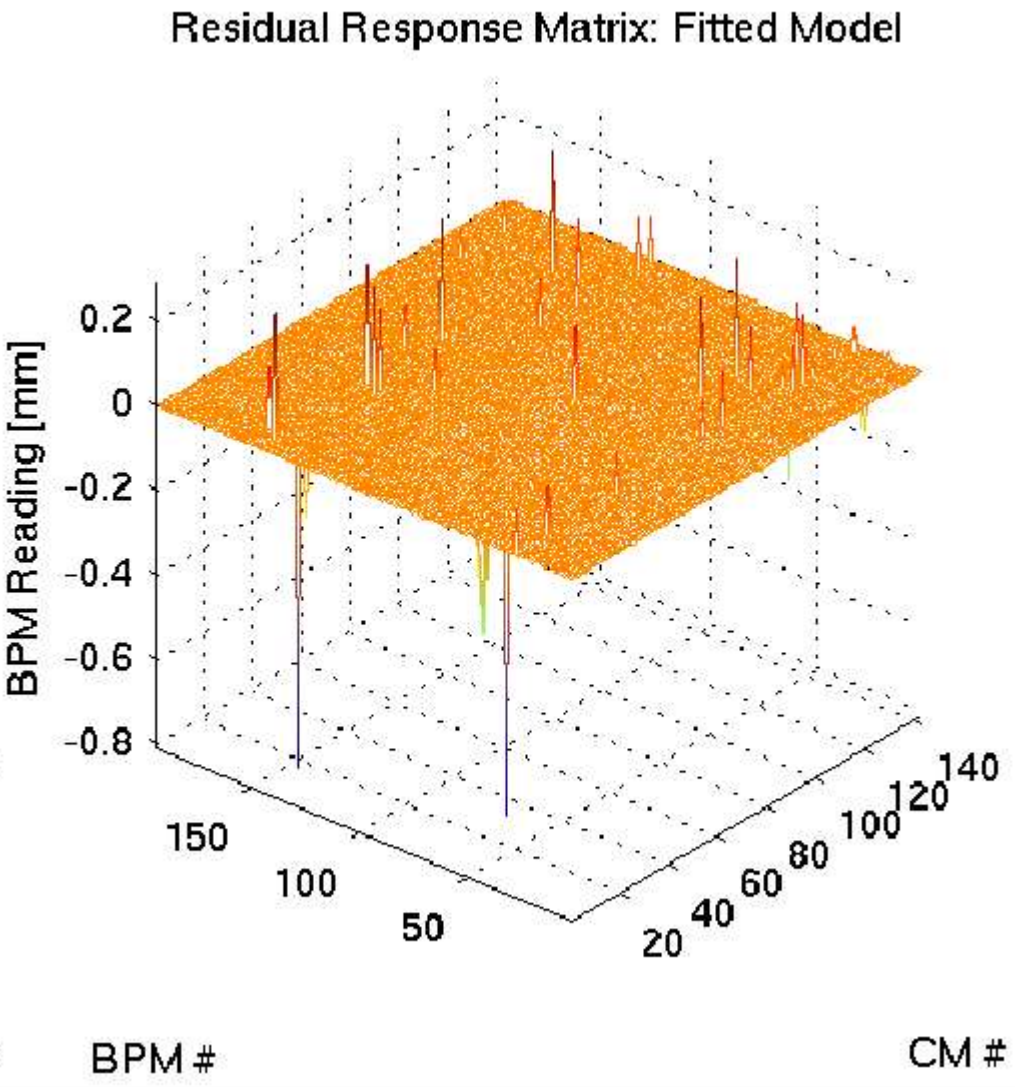
MATLAB-based AT with LOCO

-Using the data from 06/22/2005, LOCO optimizations were run

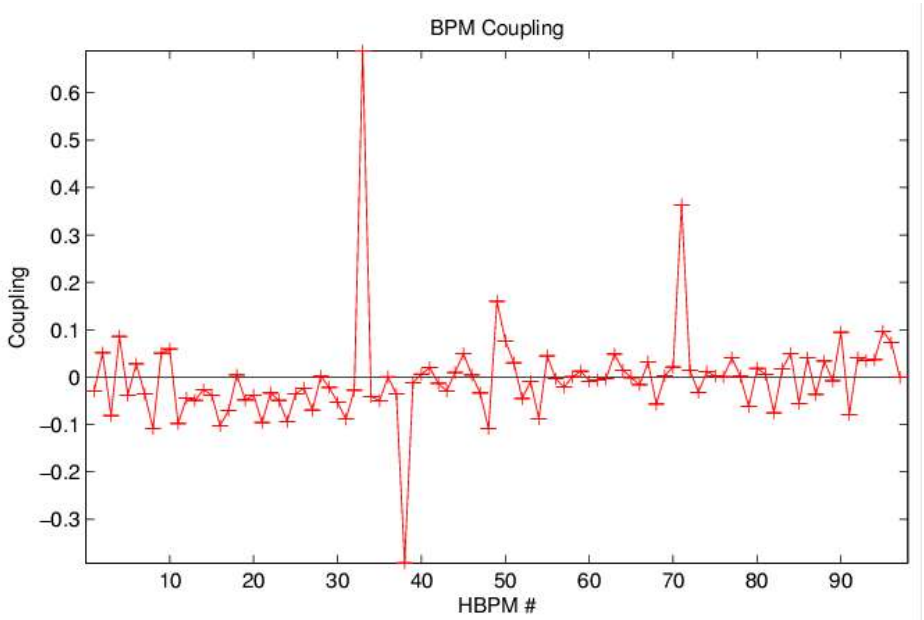
- -Dispersion and phase measurements included in the fit
- -15 iterations run – fit converged after 5-6 iterations
- -"BPM reading" fit within < 10μm of measured values

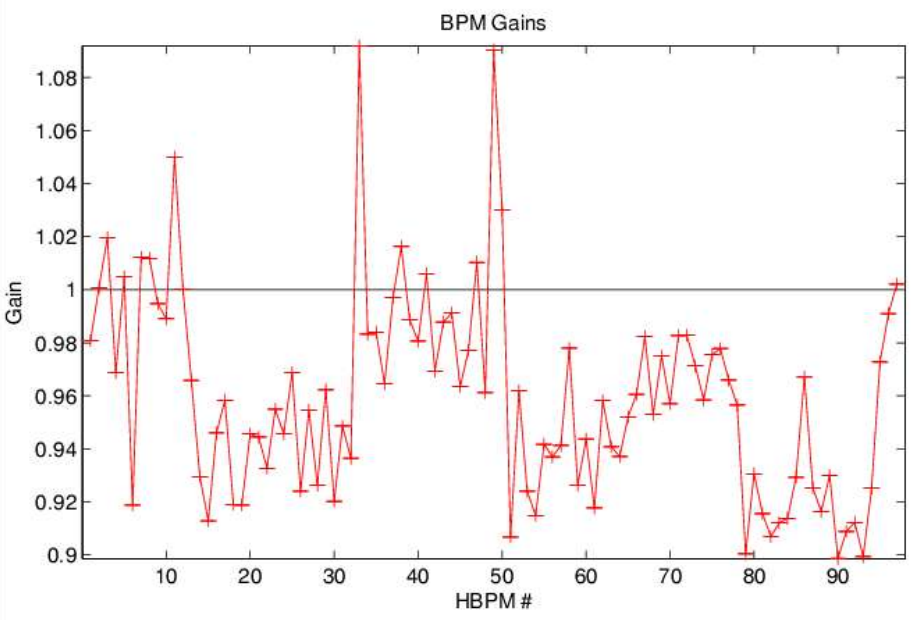
-Results are very similar to Ji Li's from 2005

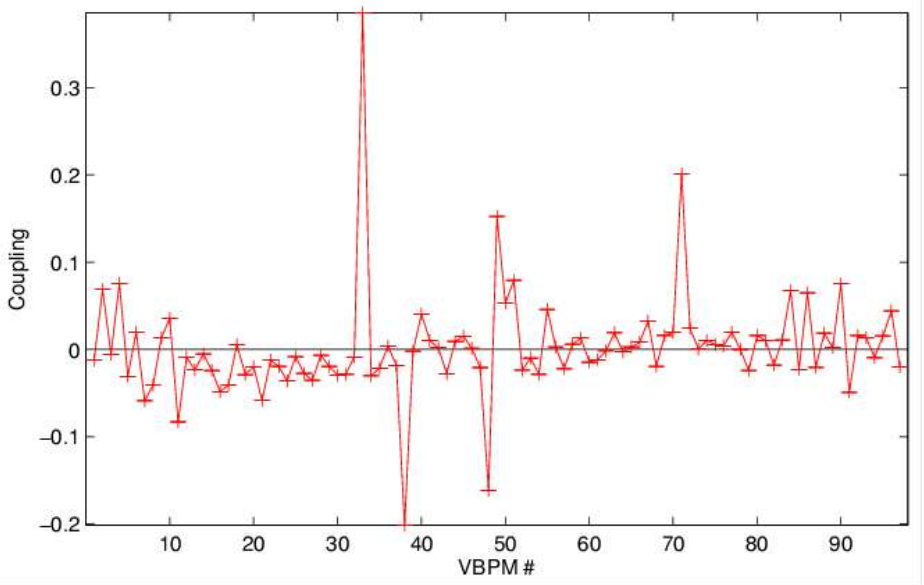


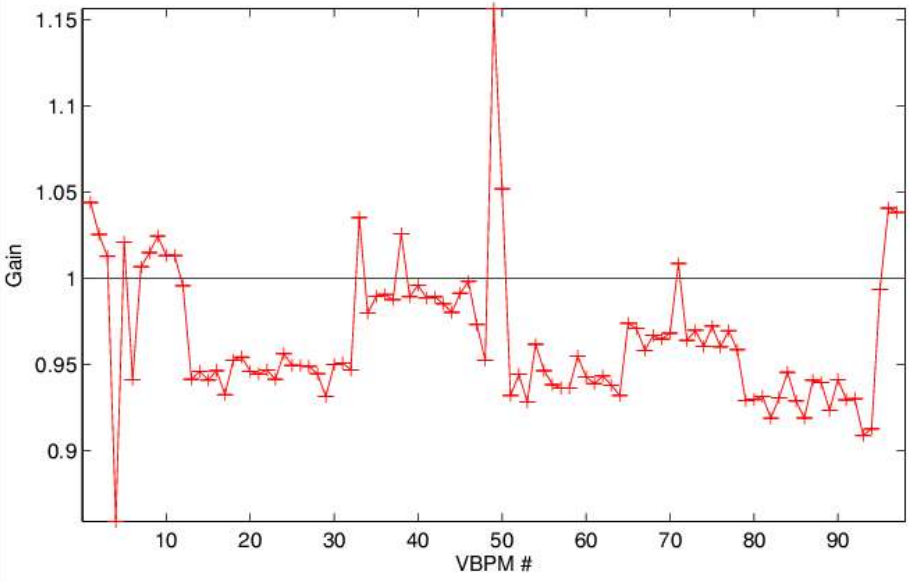


LOCO – BPM Coupling and Gains





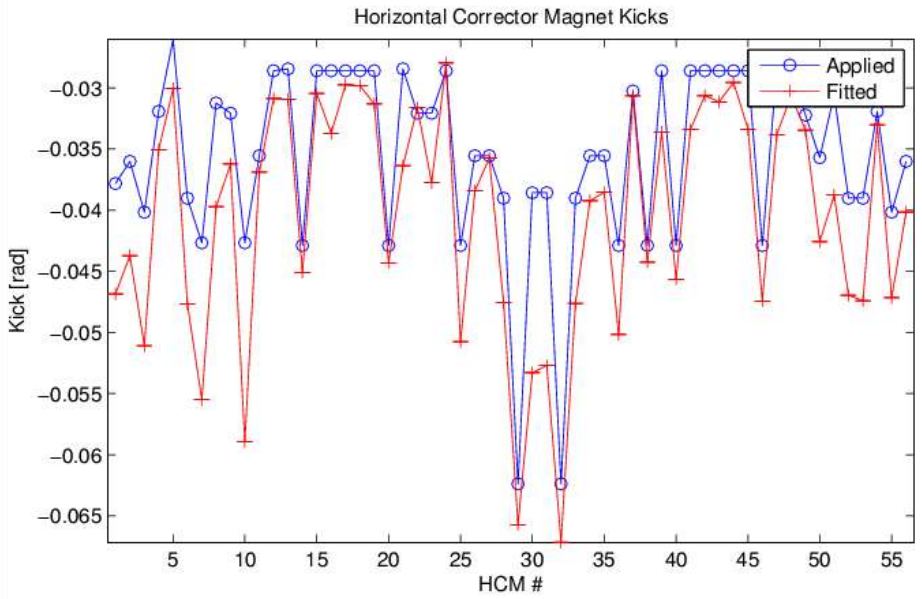


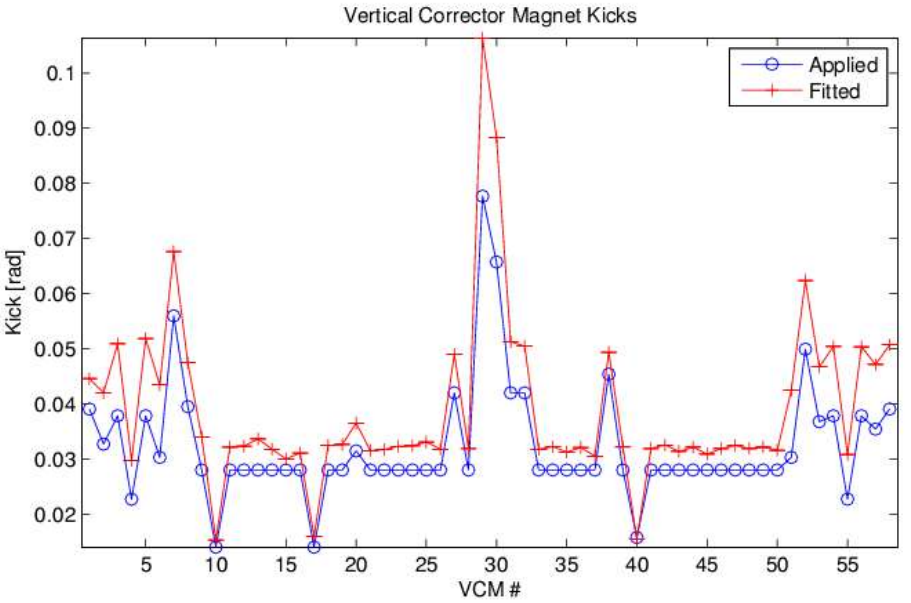


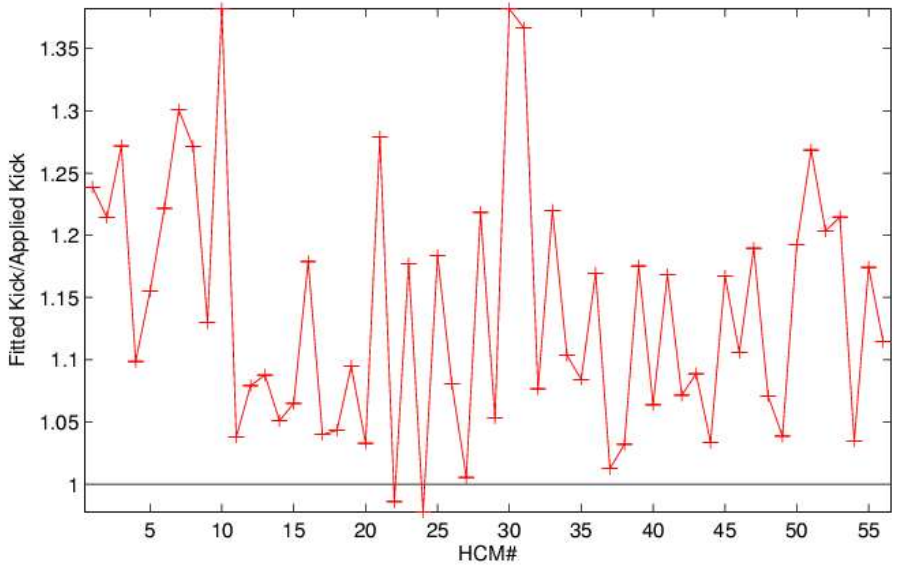
LOCO – Corrector Kicks

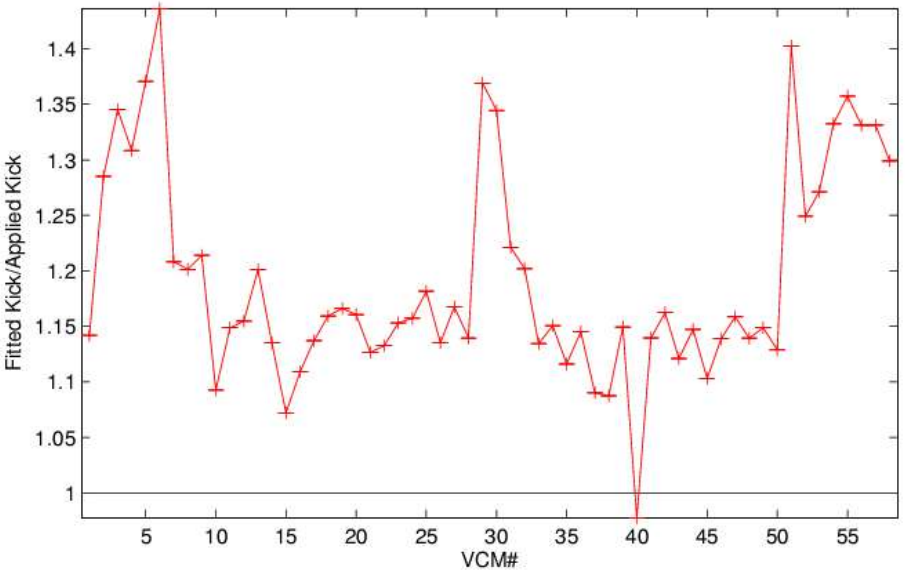
-Fitted corrector magnet kicks consistently larger than applied kicks

-Also noted this in Ji Li's results

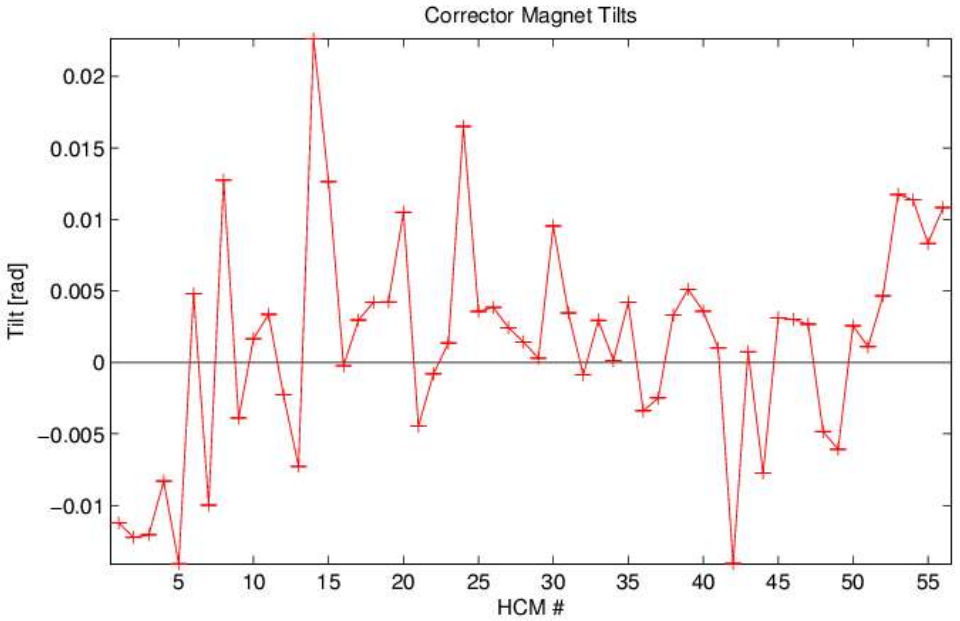


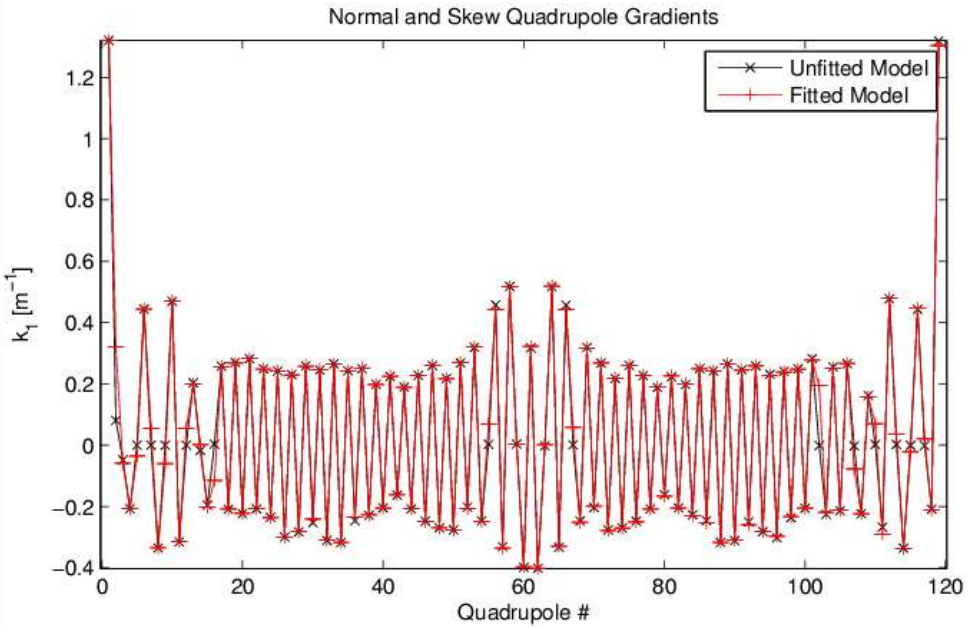


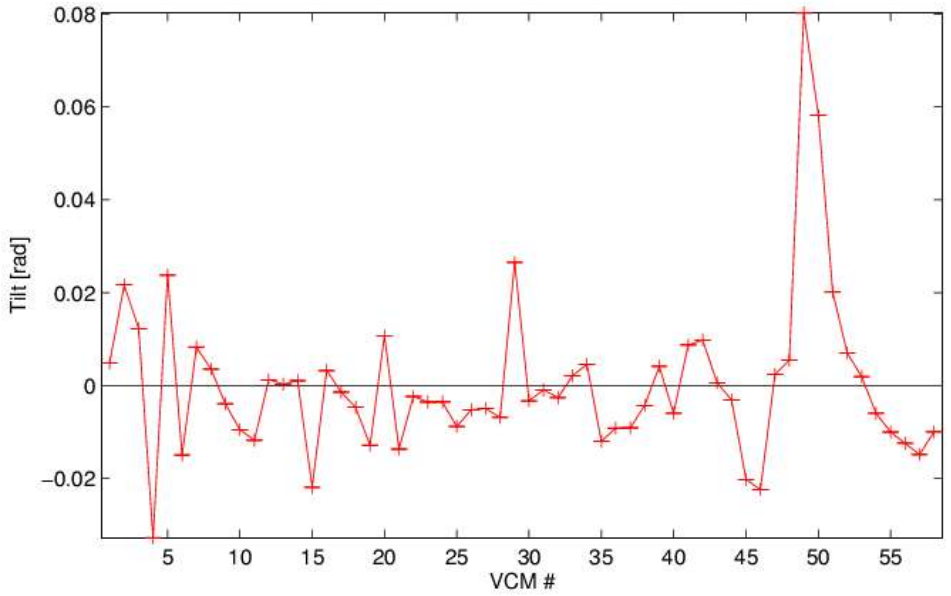


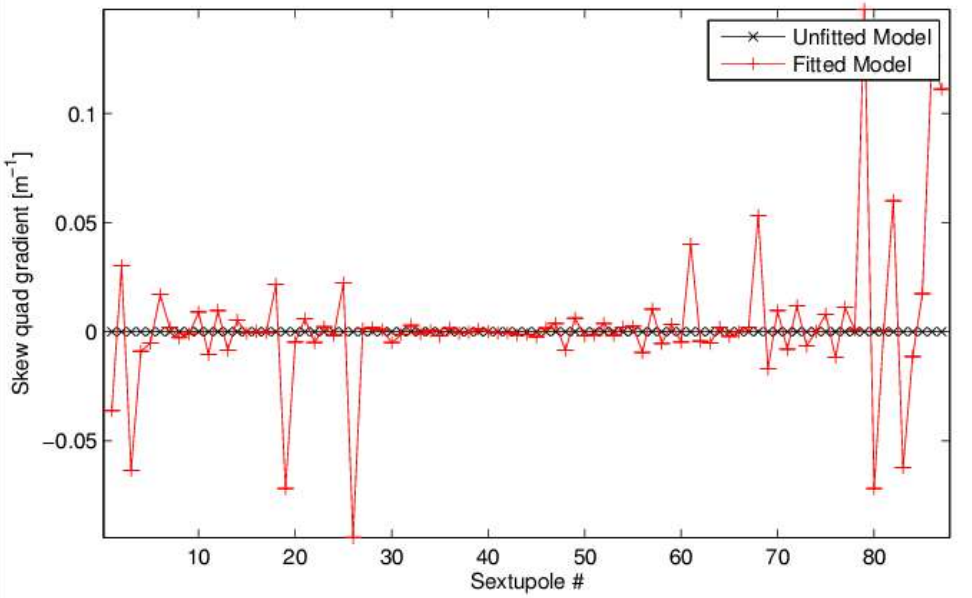


LOCO – Corrector Tilts, Quad Gradients









LOCO – Dispersion Fit