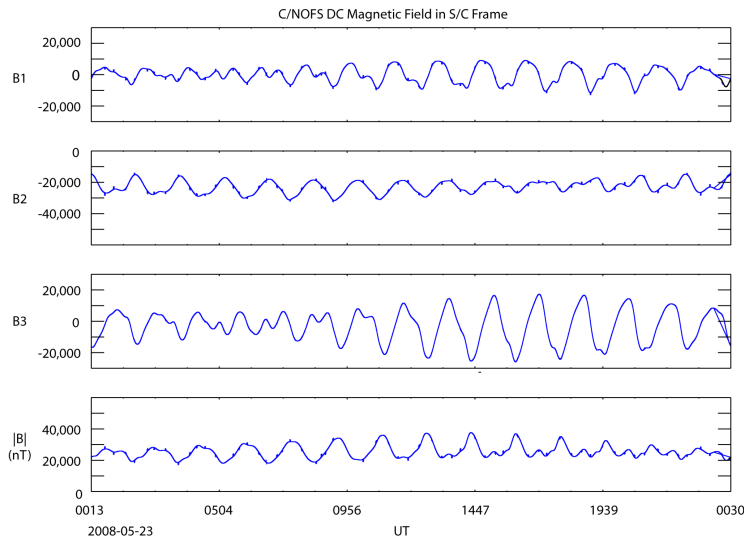
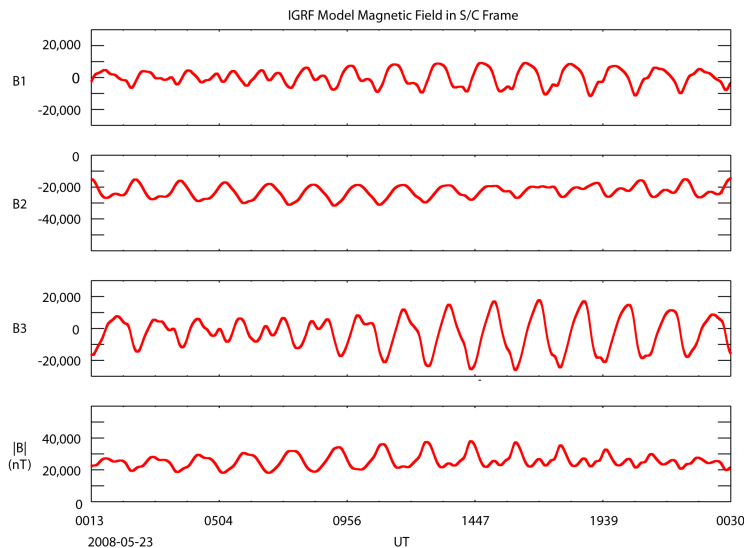


VEFI Magnetometer Data, Comparison with Model

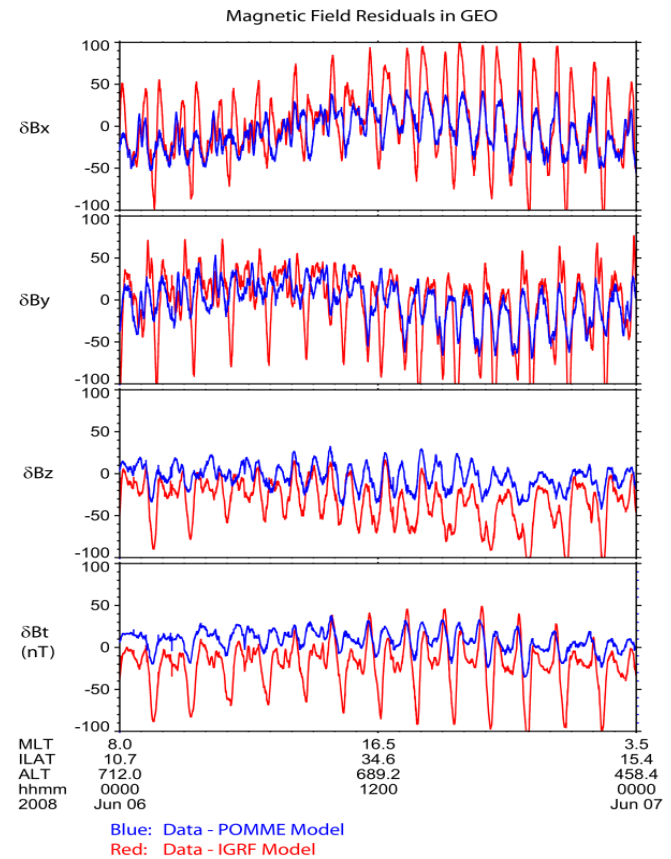
Measured magnetic field, 3 components, 1 day (15 orbits)



Model magnetic field, same day



Residuals (Measurements - Model)



- Data and POMME model agree to within ~ 25 nT except in regions of South Atlantic Anomaly
- VEFI uses *measured* magnetometer data in all $\mathbf{V} \times \mathbf{B}$ calculations.