THEMIS-B GEI \overline{r} CDAWeb/X CDAWeb/Y CDAWeb/Z 80 JPL/X JPL/Y JPL/Z 60 40 20 R_E 0 -20 -40 -60 $|\Delta r|/R_E \left(\Delta r_{\mathrm{max}} = 1640.5 \, \mathrm{[km]} \right)$ $|\Delta r|/\overline{r}$ (max= 1/247) $\Delta\theta$ [deg] 0.30 0.25 0.20 0.15 0.10 0.05 0.0012 08 16 20 04 00 00 2016-09-01 2016-09-02