THEMIS-B GSM CDAWeb/X CDAWeb/Y CDAWeb/Z 70 JPL/X JPL/Y JPL/Z 60 50 40 R_E 30 20 10 0 -10 $|\Delta r|/R_E$ ($\Delta r_{
m max}$ = 53.0 [km]) $|\Delta r|/\overline{r}$ (max= 1/7640) $\Delta\theta$ [deg] 0.010 0.008 0.006 0.004 0.002 0.00016 20 08 12 00 04 00 2016-09-01 2016-09-02