THEMIS-B GSE \overline{r} CDAWeb/X CDAWeb/Y CDAWeb/Z 70 JPL/X JPL/Y JPL/Z 60 50 40 R_E 30 20 10 0 -10- $|\Delta r|/R_E \left(\Delta r_{\mathrm{max}} = 12.2 \, \mathrm{[km]}\right)$ $|\Delta r|/\bar{r} \text{ (max= 1/33109)}$ $\Delta\theta$ [deg] 0.0020 0.0015 0.0010 0.0005 0.000012 08 16 20 00 04 00 2016-09-01 2016-09-02