Seed Motion: 20220917134114_TSMIP_TTN001_E (R_{hyp} =40.3km, R_{rup} =14.9km) Method: BooreQuad, t1: 13.3 0.5 Seed Motion Acc. (m/sec²) Processed Motion Correction 0 -0.5 20 Vel (cm/s) 0 -10 -20 500 Disp (cm) 0 -500 10 20 30 50 60 70 0 40 80 Time (s) 10⁰ Spectral Acceleration (m/sec²) 10⁻¹ 5% Damping Seed Motion **Processed Motion**

10⁻¹

10⁰

Spectral Periods (s)

10¹

10⁻²





