Seed Motion: 20220917134114_TSMIP_TTN028_N (R_{hyp} =35.8km, R_{rup} =4.7km) Method: BooreQuad, t1: 11.6 1 Seed Motion Acc. (m/sec²) o c c **Processed Motion** Correction -1 5 Vel (cm/s) -5 100 50 Disp (cm) 0 -50 -100 10 20 30 40 50 60 70 80 Time (s) 10¹ Spectral Acceleration (m/sec²) 10⁰ 10⁻¹ 5% Damping

Seed Motion Processed Motion

10⁻¹

10⁰

Spectral Periods (s)

10¹

10⁻²





