Seed Motion: 20220917134114_TSMIP_TTN022_N (R_{hyp} =9.6km, R_{rup} =2.5km) Method: BoorePieceWise, t1: 8.8, t2: 25.9 4 Seed Motion Acc. (m/sec²) **Processed Motion** 2 Correction -2 -4 50 Vel (cm/s) 0 -50 1000 500 Disp (cm) 0 -500 -1000 10 20 30 40 50 60 Time (s) 10¹ Spectral Acceleration (m/sec²) 10⁰ 5% Damping Seed Motion Processed Motion

10⁻¹

10⁰

Spectral Periods (s)

10¹

10⁻¹





