Seed Motion: 20220918064410_TSMIP_TTN025_E (R_{hyp} =29.9km, R_{rup} =4.8km) Method: BoorePieceWise, t1: 10.6, t2: 40.0 1 Seed Motion Acc. (m/sec²) **Processed Motion** 0.5 Correction 0 -0.5 -1 10 5 Vel (cm/s) 0 -5 -10 100 50 Disp (cm) 0 -50 -100 10 20 70 30 40 50 60 80 Time (s) Spectral Acceleration (m/sec²) 10⁰ 10⁻¹ 5% Damping Seed Motion **Processed Motion**

10⁻¹

Spectral Periods (s)

10⁰

10¹

10⁻²





