Seed Motion: 20220917134114_TSMIP_TTN026_Z (R_{hyp} =26.4km, R_{rup} =3.3km) Method: BooreQuad, t1: 10.0 2 Seed Motion Acc. (m/sec²) **Processed Motion** 1 Correction -2 10 Vel (cm/s) 5 0 -5 -10 200 0 -200 10 20 40 50 60 70 0 30 80 Time (s) 10¹ Spectral Acceleration (m/sec²) 5% Damping

Disp (cm)

Seed Motion **Processed Motion**

10⁻²

10⁻¹

Spectral Periods (s)

10⁰

10¹





