Seed Motion: 20220918064410_TSMIP_TTN045_N (R_{hyp} =20.2km, R_{rup} =2.3km) Method: BooreQuad, t1: 9.4 1 Seed Motion Acc. (m/sec²) Processed Motion 0.5 Correction 0 -0.5 -1 20 Vel (cm/s) 0 -20 500 Disp (cm) 0 -500 20 10 30 40 50 60 70 0 Time (s) Spectral Acceleration (m/sec²) 10⁰ 5% Damping Seed Motion 10⁻¹ Processed Motion

10⁻¹

Spectral Periods (s)

10⁰

10¹

10⁻²





