Seed Motion: 20220918064410_TSMIP_TTN045_E (R_{hyp} =20.2km, R_{rup} =2.3km) Method: BooreQuad, t1: 9.4 2 Seed Motion Acc. (m/sec²) **Processed Motion** 1 Correction -1 -2 20 Vel (cm/s) 0 -10 -20 100 50 0 -50 -100 10 20 50 60 70 30 40 Time (s) 10¹ Spectral Acceleration (m/sec²) 10⁰ 5% Damping

Disp (cm)

10⁻¹

10⁻²

Seed Motion

Processed Motion

10⁻¹

10⁰

Spectral Periods (s)

10¹





