Seed Motion: 20220918064410\_TSMIP\_TTN028\_E ( $R_{hyp}$ =43.2km,  $R_{rup}$ =4.7km) Method: BooreQuad, t1: 13.0 0.5 Seed Motion Acc. (m/sec<sup>2</sup>) Processed Motion Correction 0 -0.5 10 Vel (cm/s) 5 0 -5 -10 400 200 Disp (cm) 0 -200 -400 20 30 40 50 60 70 80 90 10 100 Time (s) 10<sup>0</sup> Spectral Acceleration (m/sec<sup>2</sup>) 10<sup>-1</sup> 5% Damping Seed Motion **Processed Motion** 10<sup>0</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>1</sup> Spectral Periods (s)

Seed Motion: 20220918064410\_TSMIP\_TTN028\_E ( $R_{hyp}$ =43.2km,  $R_{rup}$ =4.7km)





