Seed Motion: 20220918064410\_TSMIP\_TTN015\_N ( $R_{hyp}$ =43.8km,  $R_{rup}$ =6.4km) Method: BooreQuad, t1: 14.7 0.5 Seed Motion Acc. (m/sec<sup>2</sup>) Processed Motion Correction 0 -0.5 20 Vel (cm/s) 0 -10 10 -20 500 Disp (cm) 0 -500 20 40 60 80 100 120 Time (s) Spectral Acceleration (m/sec<sup>2</sup>) 10<sup>0</sup> 5% Damping Seed Motion **Processed Motion** 

10-1

10<sup>0</sup>

Spectral Periods (s)

10<sup>1</sup>

10<sup>-2</sup>

Seed Motion: 20220918064410\_TSMIP\_TTN015\_N ( $R_{hyp}$ =43.8km,  $R_{rup}$ =6.4km)





