Seed Motion: 20220918064410\_TSMIP\_TTN047\_N ( $R_{hyp}$ =34.7km,  $R_{rup}$ =3.6km) Method: BooreQuad, t1: 13.4 0.5 Seed Motion Acc. (m/sec<sup>2</sup>) **Processed Motion** Correction 0 -0.5 10 5 Vel (cm/s) 0 -5 -10 5 Disp (cm) 0 -5 10 20 30 40 50 60 70 80 90 0 100 Time (s) Spectral Acceleration (m/sec<sup>2</sup>) 10<sup>0</sup> 10<sup>-1</sup> 5% Damping Seed Motion **Processed Motion** 

10<sup>-1</sup>

Spectral Periods (s)

10<sup>0</sup>

10<sup>1</sup>

10<sup>-2</sup>

Seed Motion: 20220918064410\_TSMIP\_TTN047\_N ( $R_{hyp}$ =34.7km,  $R_{rup}$ =3.6km)





