Seed Motion: 20220917134114\_TSMIP\_TTN015\_E ( $R_{hyp}$ =37.0km,  $R_{rup}$ =6.4km) Method: BooreQuad, t1: 13.3 1 Seed Motion Acc. (m/sec<sup>2</sup>) o o co Processed Motion Correction -1 20 Vel (cm/s) 0 -10 -20 1000 500 Disp (cm) 0 -500 -1000 20 40 50 60 70 10 30 80 90 100 Time (s) Spectral Acceleration (m/sec<sup>2</sup>) 10<sup>0</sup> 5% Damping

10<sup>0</sup>

10<sup>1</sup>

Seed Motion Processed Motion

10<sup>-1</sup>

Spectral Periods (s)

10<sup>-2</sup>

Seed Motion: 20220917134114\_TSMIP\_TTN015\_E ( $R_{hyp}$ =37.0km,  $R_{rup}$ =6.4km)





