Seed Motion: 20220917134114\_TSMIP\_TTN047\_E ( $R_{hyp}$ =27.8km,  $R_{rup}$ =3.6km) Method: BooreQuad, t1: 10.9 1 Seed Motion Acc. (m/sec<sup>2</sup>) o c c o c c Processed Motion Correction -1 20 Vel (cm/s) 10 0 -10 -20 50 Disp (cm) 0 -50 10 20 30 40 50 60 70 90 100 0 80 Time (s) Spectral Acceleration (m/sec<sup>2</sup>) 10<sup>0</sup> 5% Damping Seed Motion **Processed Motion** 

10<sup>-1</sup>

Spectral Periods (s)

10<sup>0</sup>

10<sup>1</sup>

10<sup>-1</sup>

10<sup>-2</sup>

Seed Motion: 20220917134114\_TSMIP\_TTN047\_E ( $R_{hyp}$ =27.8km,  $R_{rup}$ =3.6km)





