







**Figure 2.** Beamforming and source region. (a) Azimuth-slowness map (dB) of the 0.07-Hz vertical component surface wave on 29 Aug. Phase slowness increases with radial distance from center of plot and ranges between 0–0.5 s/km. (b) Azimuth-slowness map of 0.19-Hz vertical component and (c) radial horizontal component body P-wave on 29 Aug. Slowness range is 0–0.15 s/km. (d) Source region of P-waves obtained by back-propagating using slowness and azimuth from beamforming in Figure 2b. All plots are shown on a 10-dB color scale normalized relative to the maximum peak.

