

Figure 2: **A range of spectral behavior in lensing events.** Power spectra, binned to 3 MHz, of the main pulse in consecutive 1.6 ms rotations, for selected lensing events from eclipse egress. The top panels show the average magnification in each main pulse, and the side panels the magnification spectra of the brightest pulse (i.e., that of pulse number 0).

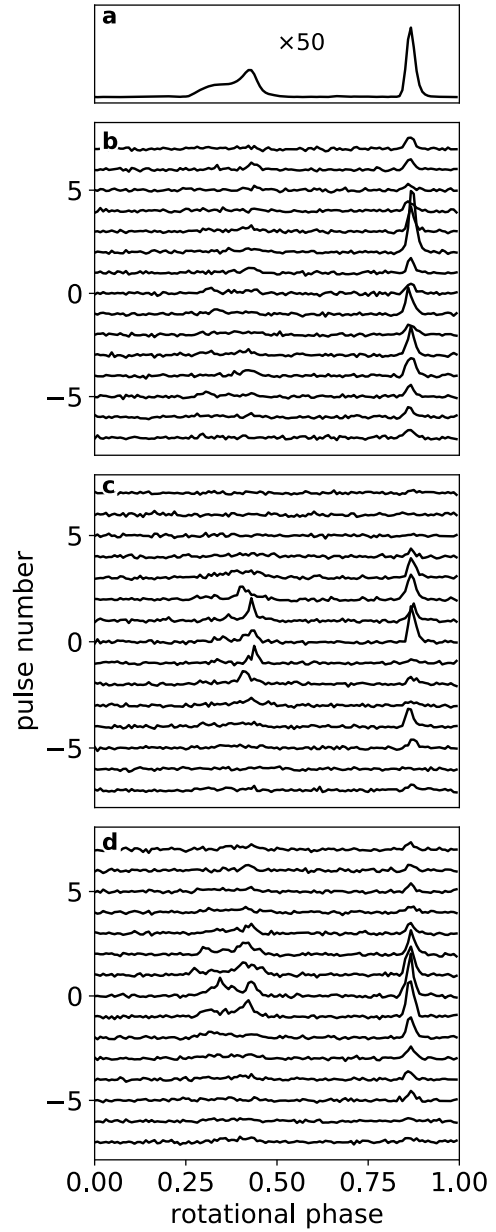


Figure 3: **Profiles of lensing events.** **b, c, d,** Frequency-averaged pulse profiles surrounding bright events (using 128 phase bins). One sees that the events resolve the magnetosphere: the main pulse and interpulse are affected differently, as are parts within the interpulse. **a,** Average pulse profile of a 9 minute quiescent region, scaled up by a factor of 50 for comparison purposes.