



Figure 4. TOP: Fourier transform of the McDonald observations of EPIC 210377280 with the $K2$ sensitivity function overlaid ($K2$ observations are not sensitive to the shaded region to a FAP of 0.1%). Solid vertical lines mark integer multiples of the $K2$ Nyquist frequency. The possible intrinsic frequencies and expected amplitudes (corrected for phase smearing and bandpass differences) corresponding to the measured aliases in the $K2$ FT are indicated with diamond markers (color coded to match the top panel of Figure 3). BOTTOM: Prewhitening sequence for EPIC 210377280 (progresses left to right, then down). Black triangles mark alias frequency selections supported by $K2$ observations; unfilled triangles point to peaks selected from ground-based data alone. The red dashed line in all panels shows the $4(A)$ significance threshold for the ground-based data. The last panel highlights the residual power in our fully prewhitened light curve.