



**Figure 1:** Dynamic spectra of Swift J1818.0-1607's pulsed radio emission, detected on 2020 July 15 at both S-band (left panels) and X-band (right panels) using DSS-63 in Madrid, Spain. The top panels show the integrated pulse profiles at each frequency band, while the bottom panels show the temporal behavior of the pulse profiles over the  $\sim 2.1$  hour observation.