



Dynamic spectra of the brightest burst (FRB 20240209A), with channels affected by RFI masked out. The burst is coherently dedispersed to  $176.573 \text{ pc cm}^{-3}$ .

# Pan-STARRS gri-Filter Image for FRB 20240209A

Declination (J2000)

$86^{\circ}04'30''$

$00''$

$03'30''$

$00''$

$19^{\text{h}}20^{\text{m}}30^{\text{s}}$

$00^{\text{s}}$

$19^{\text{m}}30^{\text{s}}$

$00^{\text{s}}$

Right Ascension (J2000)

Pan-STARRS image showing the 1-sigma (white solid line) and 3-sigma (white dashed line) CHIME broadband localization and the most probable host galaxy (orange circle) chosen by PATH.