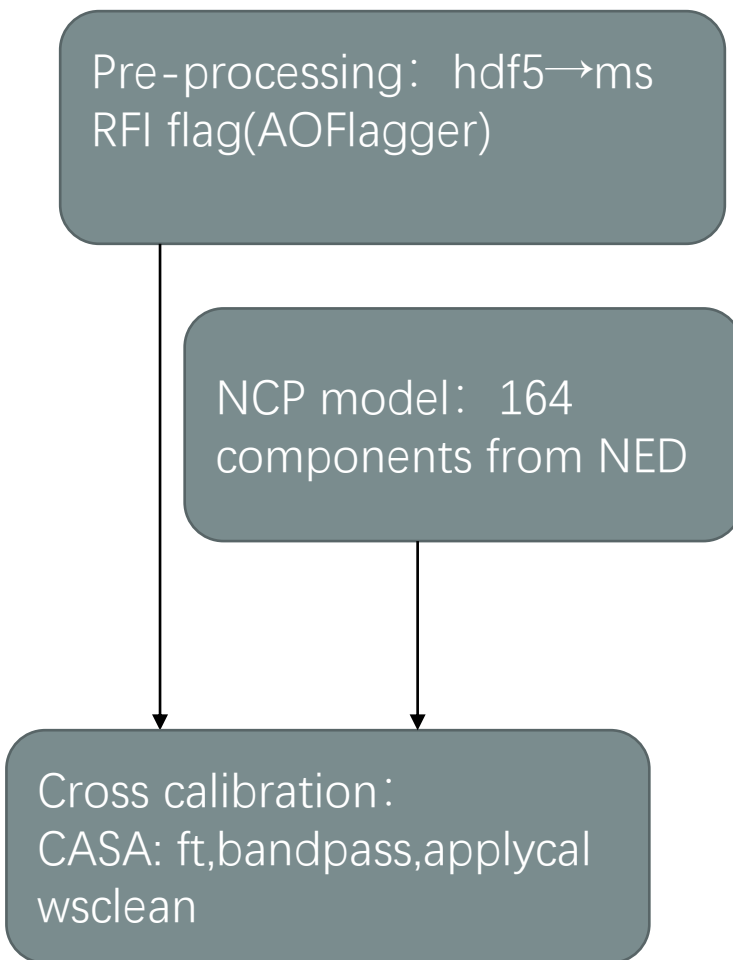


# Calibration and imaging of the North Celestial Pole region

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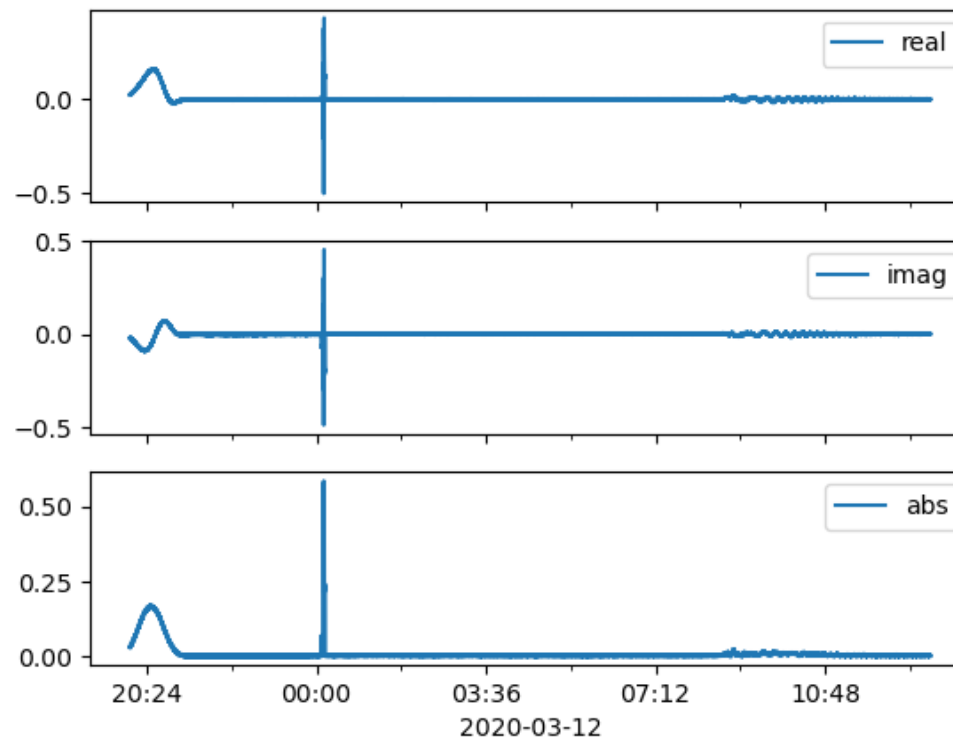


## Data Selection

/DATALINKS/D200312\_CasANP

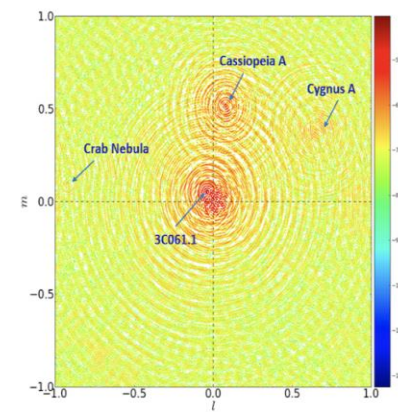
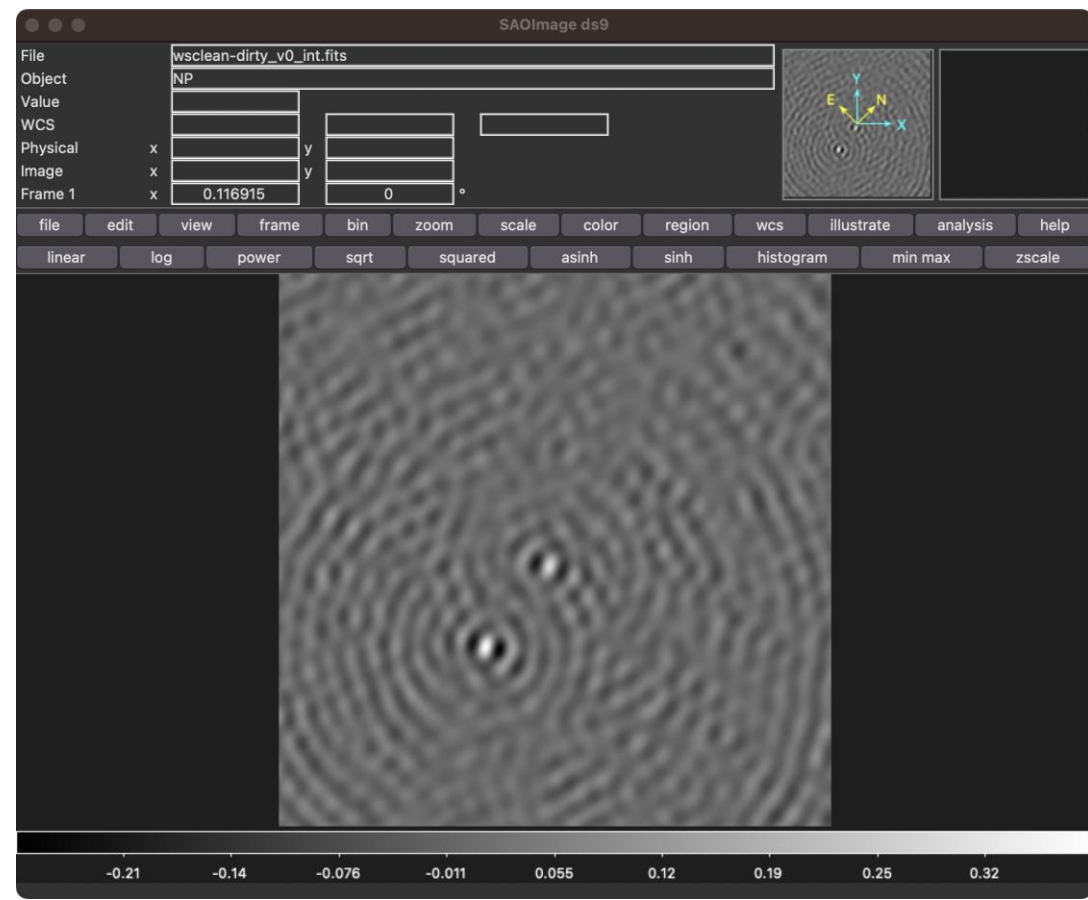
20 channels in the central frequency

01:00-07:00



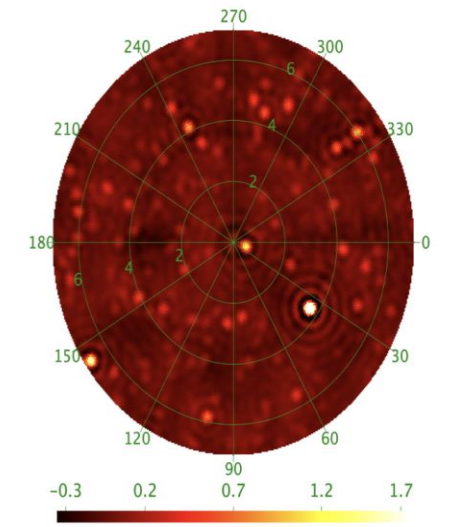
# Calibration and imaging of the North Celestial Pole region

## Tianlai Dish NP Imaging



**Figure 22.** Dirty image of the NCP region from all HH and VV cross-correlation baselines and all frequencies (700 MHz – 800 MHz) using TLDishpipe. The color scale is in dB, with arbitrary normalization. The  $l$  and  $m$  coordinates are the Fourier conjugates to  $u$  and  $v$ , respectively.

Wu et al, 2020



**Figure 3.** Reconstructed map of the NCP region, as observed by T16DPA at  $f = 1350$  MHz. This is the  $7^\circ$  radius area around  $\delta = 90^\circ$ , extracted from the reconstructed spherical map using m-mode map making and after  $(l, m)$  space filtering.

Perdereau et al, 2022