RT Pav Image Reconstruction Report

ymira

-initial=/home/rtc/Documents/long_secondary_periods/pipeline_tests/matisse_N_11.5um/priors/prior

_matisse_N_11.5um_prior-UD_regul-hyperbolic_pixelscale-4.94_fov-296.40000000000003_wavemi

n-11.5_wavemax-12.0_mu-500.0_tau-1.0_eta-1_usev2-all_uset3-phi.fits   -regul=hyperbolic

-pixelsize=4.94mas -fov=296.40000000000003mas -wavemin=11500.0nm -wavemax=12000.0nm

-mu=500.0 -tau=1.0 -eta=1 -gtol=0 -ftol=0 -flux=1 -min=0 -bootstrap=1 -save_initial -save_dirty_map

-save_dirty_beam   -use_vis=none   -use_vis2=all   -overwrite   -use_t3=phi

/home/rtc/Documents/long_secondary_periods/data/merged_files/modifiedCP_RT_Pav_MATISSE_

N-band_MERGED_2022-04-24.fits

/home/rtc/Documents/long_secondary_periods/pipeline_tests/matisse_N_11.5um/imageReco_matis

se_N_11.5um_prior-UD_regul-hyperbolic_pixelscale-4.94_fov-296.40000000000003_wavemin-11.5

_wavemax-12.0_mu-500.0_tau-1.0_eta-1_usev2-all_uset3-phi.fits

Plots:

IMAGE RECONSTRUCTION PRIOR

$\chi^2 = 0.36$

RT Pav

Image Reco.

Dirty beam

Δ DEC -> N [mas]

Δ RA <- E [mas]