RT Pav Image Reconstruction Report

ymira

-initial=/home/rtc/Documents/long_secondary_periods/pipeline_tests/matisse_N_10.5um/priors/prior

_matisse_N_10.5um_prior-UD_regul-hyperbolic_pixelscale-4.51_fov-270.59999999999997_wavemi

n-10.5_wavemax-11.0_mu-3000.0_tau-1.0_eta-1_usev2-all_uset3-phi.fits   -regul=hyperbolic

-pixelsize=4.51mas   -fov=270.59999999999997mas   -wavemin=10500.0nm   -wavemax=11000.0nm

-mu=3000.0   -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_10.5um/imageReco_matis

se_N_10.5um_prior-UD_regul-hyperbolic_pixelscale-4.51_fov-270.59999999999997_wavemin-10.5

_wavemax-11.0_mu-3000.0_tau-1.0_eta-1_usev2-all_uset3-phi.fits

Plots:

IMAGE RECONSTRUCTION PRIOR

$\chi^2=0.29$

RT Pav

Image Reco.

Dirty beam

Δ DEC -> N [mas]

Δ RA <- E [mas]

Δ RA <- E [mas]