

Req 5.6.6

Title:

Dependency on rotation angle.

Objective:

Verify the dependency of the photometric calibration on the angle of the field rotator. Do this for both optical configurations of the telescope, ADC in and out.

Measure dome flatfield at 12 field rotator angles.

Measure the polar field with 12 field rotator angles.

This also verifies the reproducibility and provides an end-to-end test.

Fulfilling or fulfilled by:

Selfstanding

When performed/frequency:

Commissioning

Sources, observations, instrument configurations:

Flat field on dome with the 4 key passbands.

Outputs:

Flat fields - internal

Required accuracy, constraints:

1% on the photometric scale

Estimated time needed:

Dome: day time, one day

polar field 6 hours.

Priority:

desirable

TSF:

Mode– Stare N=12

TSF– OCAM_img_cal_domeflat
and

Mode– Stare N=12

TSF– OCAM_img_obs_stare

CA:

Standard image pipeline with source extraction of polar field. Compare the

source flux for the various rotator angles in an interactive analysis.