Req 5.7.2

Title:

Ghosts - ADC

Objective:

Verify the absence/presence of ghosts.

For each available filter inspect the presence of ghosts by making several exposures near a very bright star at various angular distances from the field center. Do this for both correctors.

Bright stars should also be positioned on the edges of the baffles, filters and the dewar entrance window and on the dividing lines between segments of composite filters

Various studies on expected behaviour of ghosts are posted on **OmegaCAM**website. Bottom line of these studies is that ghosts are expected to be very faint and very large, pre-cluding their suppresion by dithered observations and subsequent masking.

The inspection will be done in first instance visually on the RTD.

Off-line the images will be fed to the standard pipeline for closer inspections.

Fulfilling or fulfilled by:

Selfstanding

When performed/frequency:

CP

Sources, observations, instrument configurations:

Very bright star at several angular distances from the field center (0.7, 1, 2, 3 degree, to be determined by experience). All available filters, or when a new filter is installed.

To be done for both correctors, to be determined by experience.

Required accuracy, constraints:

Estimated time needed:

1 hour/filter

Priority:

desirable

TSF:

Mode– Stare N=1

TSF– OCAM_img_obs_stare

CA:

Standard image pipeline, visual inspection of images on RTD