Req 5.5.2

Title:

Verify Telescope Pointing and offsetting

Objective:

Verify the pointing and the offsetting of the telescope for both optical configurations (ADC in and out).

The pointing model is provided independent of the **OmegaCAM** S/W, but a verification of both the pointing and the offsetting accuracy is required.

Perform on-site spot checks of the pointing model. The data from the Guider CCD is also used for this- visual inspection.

Also in the data reduction pipeline, as a standard check in the astrometric solution, the pointing error is determined.

Fulfilling or fulfilled by:

Selfstanding.

When performed/frequency:

Commissioning, after each change of the pointing model, and to be determined by experience.

Sources, observations, instrument configurations:

Standard field

Inputs:

Offset Guide CCD

Outputs:

Conformance flag.

Required accuracy, constraints:

1 arc second

Estimated time needed:

10 min

Priority:

Very important

TSF:

Stare mode, dither and jitter mode. In fact all observations can be used.

CA:

Run *standard pipeline* and inspect parameter "reference position with respect to targetted pointing" of the astrometric solution. The parameters to be de-

rived are generated by the standard astrometric calibration procedure. The Interactive Analysis here concentrates on the collection and interpretation of the automatically generated parameters (see **seq.– 634**).