Using all the telemetry volume.

Precision of the jitter correction.

M. Auvergne SC May 19, 2009

About 700 kbits/24 hours free (1.4 Gbits with two chain)

We can increase:
The seismology imagettes size to 35x35 -> best PSF fitting.
The number of oversampled star (32 sec) 500 to 2000 for chrom. and 500 for monochrom.
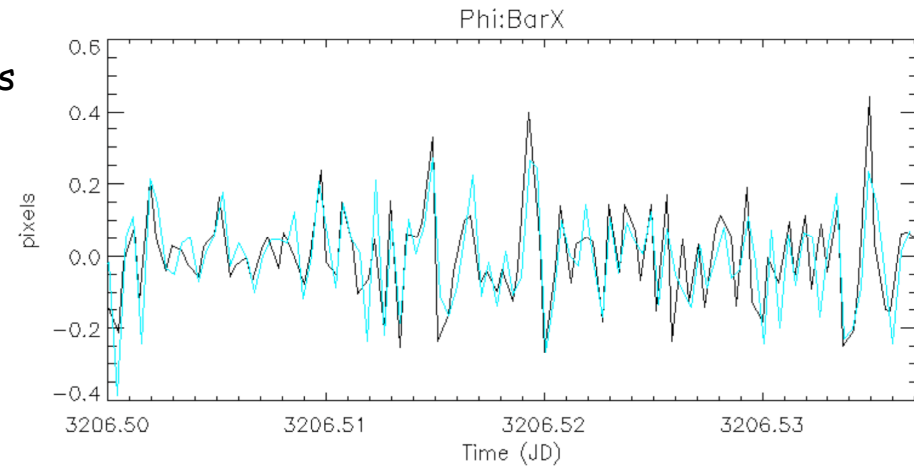The number of PF imagettes 20 to 40

Total volume ~ 1.4 Gbits.

Consequences of the new oversampled number -> modification
of the on board software. Change the parameter giving the max oversampled stars
DLR accept to do the change.
Planning: upload the new version on the beginning of October. TBC

Attitude angles computed with stars
on the two seismology CCDs.
Good agreement between
the ground based attitude angles
computation and the true
star motion

Angles computed with only
one CCD.
Could be improved by using
exoplanet imagettes.
But this is a deep change in
the pipeline. The detailed method
is not defined.

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