V&V Summary Report
L2 ASCDS Version : 7.6.10

Observation 1783 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Nov 20 2008

See axaff01783N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2008.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.868

Comments

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The fid light in slot 2 was removed from the aspect solution due to
poor data quality. The aspect solution is not expected to be degraded
by
removing one fid light from the solution.
==========================================================
This calibration observation was acquired with the focal plane
temperature
raised from -120C to -110C, for attempted recalibration of ACIS for the

1999-09-16 through 2000-01-28 period.
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This reprocessing of the data
applies no
CTI correction because none is available for that temperature.
============================================================
Focal plane temperature is warmer than -118.7 C degrees during the
entire
observation. This temperature is the upper limit of the verified ACIS
calibration for the front-illuminated chips. The focal plane
temperature
is warmer than -116.7 degrees C for approximately the entire
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observation.
This temperature is the upper limit of the
verified ACIS calibration for the back-illuminated chips.
The ACIS spectral response calibration is less accurate at these warmer
temperatures than it is at -119.7 C. Users whose science objectives
depend
on the most accurate spectral response (ie: fitting line-rich spectra)
may
notice an effect. Users whose science objectives do not depend on the
most accurate spectral response should not notice an effect.

seq_num	590209
obs_id	1783
title	ACIS CHIP RESPONSE TO LINES WITH E=0.6-1.5 KEV
observer	Dr. CXC Calibration
object	E0102-72.3 [Chip I3, T=110, Offsets=-5,2,0]
dtycycle	0
cycle	P
ra_targ	16.01
dec_targ	-72.032028
ra_nom	16.091037335626
dec_nom	-71.929369044456
roll_nom	100.88552813933
revision	5
ontime	7868.8000073284
livetime	7769.1605236131
ontime0	7868.8000073284
ontime1	7868.8000073284
ontime2	7868.8000073284
ontime3	7868.8000073284
ontime6	7868.8000073284
ontime7	7868.8000073284
l2events	77138