V&V Summary Report
L2 ASCDS Version : 8.1.2

Observation 1196 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 16 2009

See axaff01196N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.536

Comments

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Guide star slots 6 and 7 were not utilized in this observation.
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A high radiation environment, particularly the first 2 ksec and again
10-11 ksec into the observation, results in elevated count rates during
these periods.
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The focal plane temperature is approximately -100 C during this
observation. This reprocessing of the data applies no CTI correction
because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature,
because it was early in the mission, and ACIS had not yet been lowered
to the standard -119.7 C. Both front and back illuminated chips are
affected. However a T_GAIN correction has been applied to the BI chips
(ACIS-5 and ACIS-7) data included here.

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
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seq_num	880146	Sequence number
obs_id	1196	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	A2142	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	239.5825	Observer's specified target RA
dec_targ	27.229167	Observer's specified target Dec
ra_nom	239.57901535033	Nominal RA
dec_nom	27.224894945026	Nominal Dec
roll_nom	258.85918910659	Nominal Roll
revision	3	Processing version of data
ontime	11535.689916238	Sum of GTIs [s]
livetime	11389.61806456	Livetime [s]
ontime2	11532.366876028	Sum of GTIs [s]
ontime3	11535.566796236	Sum of GTIs [s]
ontime5	11535.648876235	Sum of GTIs [s]
ontime6	11535.484716237	Sum of GTIs [s]
ontime7	11535.689916238	Sum of GTIs [s]
ontime8	11535.52575624	Sum of GTIs [s]
l2events	428471	Number of level 2 events