V&V Summary Report
L2 ASCDS Version : 8.3.3.1

Observation 817 - L2 Version 6
Chandra X-Ray Center

L2 Processing Date : Dec 3 2010

See axaff00817N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.166

Comments

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The bias map for chip 7 was incomplete because of a data gap in
telemetry.
Bias map for chip 7 was reconstructed for this processing using scaled
data
from a comparable bias map for another observation to replace pixels
affected
by the data gap. The pixels affected by the anomaly are bounded by sky
coords:
(130.16557,36.59466),(130.21779,36.46150),(130.21925,36.46187),(130.1670
2,36.59503)


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The focal plane temperature is approximately -110 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.
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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	700122	Sequence number
obs_id	817	Observation id
title	LIFTING THE SHROUD AROUND BROAD ABSORPTION LINE QSOS: AN AXAF SURVEY	&#160
observer	Dr. Paul Green	Principal investigator
object	FIRST J0840+3633	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	130.185	Observer's specified target RA
dec_targ	36.557556	Observer's specified target Dec
ra_nom	130.18350187096	Nominal RA
dec_nom	36.56780606283	Nominal Dec
roll_nom	107.46408936966	Nominal Roll
revision	6	Processing version of data
ontime	4163.2000038773	Sum of GTIs [s]
livetime	4110.4830586501	Livetime [s]
ontime2	4163.1694526523	Sum of GTIs [s]
ontime3	4163.0873726532	Sum of GTIs [s]
ontime6	4163.1284126565	Sum of GTIs [s]
ontime7	4163.2000038773	Sum of GTIs [s]
ontime8	4163.0463326573	Sum of GTIs [s]
l2events	27603	Number of level 2 events