

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9417 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

See axaff09417N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.0601001

Comments

The bias maps for CCD_IDs = 0, 1, 2, and 3 suffer from anomalously high bias values in an irregularly-shaped area of the bias file, affecting most of the bias files. Pixels in the event data that have been bias-corrected by one of the affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. It has been demonstrated that the anomaly affects only the bias files and not the data. The bias maps for CCD_IDs=0,3 will NOT be recreated to remove this anomaly because the effect is small and we cannot be certain bias replacement is the correct approach.

seq_num	800753	Sequence number
obs_id	9417	Observation id
title	LoCuSS: Cluster Mass Comparison with Chandra and HST -- Observational Discrepancy or Agreement in the New Millennium?	Proposal title
observer	Dr Graham Smith	Principal investigator
object	RXCJ0449.9-4440	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	72.485292	Observer's specified target RA [deg]
dec_targ	-44.673361	Observer's specified target Dec [deg]
ra_nom	72.495457969981	Nominal RA [deg]
dec_nom	-44.636327620382	Nominal Dec [deg]
roll_nom	81.815831859974	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20060.100154281	Sum of GTIs [s]
livetime	19798.000177734	Livetime [s]
ontime0	20056.95915401	Sum of GTIs [s]
ontime1	20060.100154281	Sum of GTIs [s]
ontime2	20060.100154281	Sum of GTIs [s]
ontime3	20060.100154281	Sum of GTIs [s]
ontime6	20060.100154281	Sum of GTIs [s]
l2events	82334	Number of level 2 events

