

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 7692 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 24 2012

See axaff07692N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.05920003

Comments

A spatial region of the original bias map for CCD = 0 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original 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. The bias map for CCD = 0 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:

(239.53622,27.39124), (239.53503,27.38843), (239.58709,27.37115), (239.59144,27.37291)

seq_num	701360	Sequence number
obs_id	7692	Observation id
title	Snapshot Survey for X-ray Outbursts in Rich Clusters of Galaxies	P
observer	Professor Gordon Garmire	Principal investigator
object	A2142	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	239.584583	Observer's specified target RA [deg]
dec_targ	27.245556	Observer's specified target Dec [deg]
ra_nom	239.56548268917	Nominal RA [deg]
dec_nom	27.27883701021	Nominal Dec [deg]
roll_nom	159.50002938416	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5057.9042899013	Sum of GTIs [s]
livetime	4991.8190467787	Livetime [s]
ontime0	5057.7811698914	Sum of GTIs [s]
ontime1	5057.8222098947	Sum of GTIs [s]
ontime2	5054.7222597003	Sum of GTIs [s]
ontime3	5057.9042899013	Sum of GTIs [s]
l2events	48912	Number of level 2 events

