

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 7690 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

See axaff07690N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.20800004

## Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:

(258.31724,64.21712), (258.31458,64.22018), (258.25415,64.21028), (258.25683,64.20722)

seq_num	701358	Sequence number
obs_id	7690	Observation id
title	Snapshot Survey for X-ray Outbursts in Rich Clusters of Galaxies	P
observer	Professor Gordon Garmire	Principal investigator
object	ABELL2255	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	258.172917	Observer's specified target RA [deg]
dec_targ	64.068889	Observer's specified target Dec [deg]
ra_nom	258.09349381666	Nominal RA [deg]
dec_nom	64.082624696179	Nominal Dec [deg]
roll_nom	200.80892669429	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5208.0000400543	Sum of GTIs [s]
livetime	5139.9536854572	Livetime [s]
ontime0	5208.0000400543	Sum of GTIs [s]
ontime1	5208.0000400543	Sum of GTIs [s]
ontime2	5208.0000400543	Sum of GTIs [s]
ontime3	5208.0000400543	Sum of GTIs [s]
l2events	19887	Number of level 2 events

