

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 10449 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

See axaff10449N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.768759274006

## Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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 (sky coords):  
(230.46225,30.73925), (230.46175,30.74605), (230.43008,30.74439), (230.43850,30.73800)

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Roll preference met.

seq_num	800810	Sequence number
obs_id	10449	Observation id
title	A Merger Shock Front due to Subcluster Infall in Abell 2061?	Propo
observer	Mr. Daniel Wik	Principal investigator
object	Abell 2061	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	230.3525	Observer's specified target RA [deg]
dec_targ	30.651667	Observer's specified target Dec [deg]
ra_nom	230.39058452923	Nominal RA [deg]
dec_nom	30.651819954498	Nominal Dec [deg]
roll_nom	3.5102763876037	Nominal Roll [deg]
revision	3	Processing version of data
ontime	31768.759274006	Sum of GTIs [s]
livetime	31353.677046271	Livetime [s]
ontime0	31768.759284079	Sum of GTIs [s]
ontime1	31768.759274006	Sum of GTIs [s]
ontime2	31765.618283808	Sum of GTIs [s]
ontime3	31768.759274006	Sum of GTIs [s]
ontime6	31768.759274006	Sum of GTIs [s]
l2events	162791	Number of level 2 events

