

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 10803 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 17 2012

See axaff10803N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.556659274697

## Comments

Roll preference met.

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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):  
(247.28349,39.55288), (247.28574,39.55947), (247.25156,39.56646), (247.25786,39.55812)

seq_num	800849	Sequence number
obs_id	10803	Observation id
title	Abell 2199: AGN outbursts and merger	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	Abell 2199	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	247.16	Observer's specified target RA [deg]
dec_targ	39.551111	Observer's specified target Dec [deg]
ra_nom	247.19132822348	Nominal RA [deg]
dec_nom	39.547140308624	Nominal Dec [deg]
roll_nom	345.18872892334	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30556.659274697	Sum of GTIs [s]
liveltime	30157.414025788	Livetime [s]
ontime0	30556.659244776	Sum of GTIs [s]
ontime1	30553.518374085	Sum of GTIs [s]
ontime2	30553.518274426	Sum of GTIs [s]
ontime3	30556.659274697	Sum of GTIs [s]
ontime6	30556.659274697	Sum of GTIs [s]
l2events	437711	Number of level 2 events

