

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 4216 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 14 2013

See axaff04216N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.03.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.175

Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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:
(168.32625,13.25129), (168.33289,13.24777), (168.40114,13.37040), (168.39450,13.37392)

seq_num	800372	Sequence number
obs_id	4216	Observation id
title	THE REMARKABLE ARC IN ABELL 1201 - PROBING THE MASS PROFILE OF CLUSTERS DOWN TO 10KPC	Proposal title
observer	Dr Alastair Edge	Principal investigator
object	ABELL 1201	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	168.226667	Observer's specified target RA [deg]
dec_targ	13.436111	Observer's specified target Dec [deg]
ra_nom	168.23836314471	Nominal RA [deg]
dec_nom	13.453491753153	Nominal Dec [deg]
roll_nom	61.574353217509	Nominal Roll [deg]
revision	4	Processing version of data
ontime	40175.999922723	Sum of GTIs [s]
livetime	39651.070906591	Livetime [s]
ontime3	40169.71800226	Sum of GTIs [s]
ontime5	40175.999922723	Sum of GTIs [s]
ontime6	40175.999922723	Sum of GTIs [s]
ontime7	40175.999922723	Sum of GTIs [s]
ontime8	40172.858932555	Sum of GTIs [s]
l2events	408246	Number of level 2 events

