

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12196 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Mar 7 2012

See axaff12196N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.7725546734333

## 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:  
(178.63723,23.32963), (178.63943,23.33044), (178.58335,23.46005), (178.58115,23.45924)

seq_num	800962	Sequence number
obs_id	12196	Observation id
title	The Chandra Cluster Outskirts Snapshot Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	A1413_Field4	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	178.56632	Observer's specified target RA [deg]
dec_targ	23.45669	Observer's specified target Dec [deg]
ra_nom	178.5555456487	Nominal RA [deg]
dec_nom	23.450260395416	Nominal Dec [deg]
roll_nom	111.67596694807	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4772.5546734333	Sum of GTIs [s]
livetime	4710.1977331213	Livetime [s]
ontime0	4772.5136235356	Sum of GTIs [s]
ontime1	4772.5546734333	Sum of GTIs [s]
ontime2	4772.5957134366	Sum of GTIs [s]
ontime3	4769.4957432151	Sum of GTIs [s]
ontime6	4772.4725835323	Sum of GTIs [s]
l2events	14914	Number of level 2 events

