

# V&V Summary Report

## L2 ASCDS Version : 8.4.3.1

Observation 13137 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Mar 9 2012

See axaff13137N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.04665917474

## 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 bounded by sky coords:  
(51.39702, -62.70663), (51.40264, -62.70485), (51.25568, -62.60649),  
(51.25007, -62.60827).

seq_num	801058	Sequence number
obs_id	13137	Observation id
title	Chandra Observations of a Sample of High Redshift SZE Selected Galaxy Clusters	Proposal title
observer	Dr Stephen Murray	Principal investigator
object	SPT-CL 0324-6236	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	51.0525	Observer's specified target RA [deg]
dec_targ	-62.602111	Observer's specified target Dec [deg]
ra_nom	51.115552292054	Nominal RA [deg]
dec_nom	-62.648159441224	Nominal Dec [deg]
roll_nom	304.26467499079	Nominal Roll [deg]
revision	3	Processing version of data
ontime	24046.65917474	Sum of GTIs [s]
livetime	23732.471869729	Livetime [s]
ontime0	24046.65917474	Sum of GTIs [s]
ontime1	24040.377184272	Sum of GTIs [s]
ontime2	24046.659194708	Sum of GTIs [s]
ontime3	24046.65917474	Sum of GTIs [s]
ontime6	24049.800184965	Sum of GTIs [s]
l2events	81706	Number of level 2 events

