

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 9336 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Jun 6 2012

See axaff09336N004\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.5385592

## 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:  
(86.53773, -53.56501), (86.53007, -53.56031), (86.36043, -53.65686), (86.36809, -53.66158)

seq_num	800673	Sequence number
obs_id	9336	Observation id
title	Chandra Observations of SZ-selected Galaxy Clusters Detected by the South Pole Telescope	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	SPT-CL0547-5345	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	86.65	Observer's specified target RA [deg]
dec_targ	-53.756	Observer's specified target Dec [deg]
ra_nom	86.581465329711	Nominal RA [deg]
dec_nom	-53.792350313077	Nominal Dec [deg]
roll_nom	223.9104691387	Nominal Roll [deg]
revision	4	Processing version of data
ontime	28538.559249103	Sum of GTIs [s]
livetime	28165.681962732	Livetime [s]
ontime0	28538.559249103	Sum of GTIs [s]
ontime1	28538.559229255	Sum of GTIs [s]
ontime2	28535.418288887	Sum of GTIs [s]
ontime3	28538.559249103	Sum of GTIs [s]
ontime6	28538.527899861	Sum of GTIs [s]
l2events	107872	Number of level 2 events

