

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 13502 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jan 19 2012

See [axaff13502N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	32.27095935756

## Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:  
(337.84243, -60.15341), (337.84826, -60.15460), (337.87108, -60.12669), (337.86525, -60.12550)

seq_num	801143	Sequence number
obs_id	13502	Observation id
title	Cosmology and Cluster Evolution from the 80 Most Massive Clusters in 2000 deg <sup>2</sup> from the South Pole Telescope Survey	Proposal title
observer	Dr Bradford Benson	Principal investigator
object	SPT-CLJ2232-6000	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	338.145	Observer's specified target RA [deg]
dec_targ	-60.0021	Observer's specified target Dec [deg]
ra_nom	338.10848844803	Nominal RA [deg]
dec_nom	-60.053381991896	Nominal Dec [deg]
roll_nom	248.06505048574	Nominal Roll [deg]
revision	2	Processing version of data
ontime	32270.95935756	Sum of GTIs [s]
livedtime	31849.315516019	Livetime [s]
ontime0	32264.677416921	Sum of GTIs [s]
ontime1	32267.818257809	Sum of GTIs [s]
ontime2	32267.81838727	Sum of GTIs [s]
ontime3	32270.95935756	Sum of GTIs [s]
ontime6	32274.100248218	Sum of GTIs [s]
l2events	98436	Number of level 2 events

