

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 4933 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 28 2013

See axaff04933N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.04.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.052

## 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:  
(169.38211,17.78898), (169.37903,17.79007), (169.34289,17.69670), (169.34597,17.69561).

This region includes the target.

seq_num	800384	Sequence number
obs_id	4933	Observation id
title	Chandra snapshot survey of 10 distant clusters of galaxies	Proposa
observer	Dr Stephen Murray	Principal investigator
object	CL1117+1745	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	169.375833	Observer's specified target RA [deg]
dec_targ	17.745556	Observer's specified target Dec [deg]
ra_nom	169.35415849933	Nominal RA [deg]
dec_nom	17.695330499926	Nominal Dec [deg]
roll_nom	249.76109305594	Nominal Roll [deg]
revision	4	Processing version of data
ontime	19051.386144072	Sum of GTIs [s]
livetime	18802.465758673	Livetime [s]
ontime0	19044.981083602	Sum of GTIs [s]
ontime1	19051.304064065	Sum of GTIs [s]
ontime2	19051.345104069	Sum of GTIs [s]
ontime3	19051.386144072	Sum of GTIs [s]
ontime6	19051.221984059	Sum of GTIs [s]
l2events	49555	Number of level 2 events

