

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 13213 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See [axaff13213N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.829245980084

## Comments

The data for this observation have been processed using the 'EDSER' sub-pixel event-repositioning algorithm of Li et al. (2004, ApJ, 610, 1204). Small-scale features should become sharper for sources near the aim point. The improvement will be less noticeable for off-axis sources where the size of the point-spread function is comparable to or larger than the size of an ACIS pixel. To take full advantage of the improvement, images should be binned on spatial scales smaller than the size of an ACIS pixel. Note that, at present, the point-spread function has not been calibrated for data to which the EDSER algorithm has been applied. If dither was disabled for the observation, then the algorithm can introduce artificial aliasing effects on spatial scales smaller than a pixel. If you would prefer to use no sub-pixel adjustment or to apply a coordinate randomization, then use `acis_process_events` to reprocess the data with the parameter `pix_adj=NONE` or `RANDOMIZE`, respectively.

seq_num	801058	Sequence number
obs_id	13213	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	51.11560251667	Nominal RA [deg]
dec_nom	-62.648134978684	Nominal Dec [deg]
roll_nom	304.26473758872	Nominal Roll [deg]
revision	2	Processing version of data
ontime	11829.245978296	Sum of GTIs [s]
livetime	11674.688171025	Livetime [s]
ontime0	11829.122838378	Sum of GTIs [s]
ontime1	11832.304868579	Sum of GTIs [s]
ontime2	11829.204908311	Sum of GTIs [s]
ontime3	11829.245978296	Sum of GTIs [s]
ontime6	11832.222788572	Sum of GTIs [s]
l2events	40728	Number of level 2 events

