

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12302 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See [axaff12302N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.051500084996

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	801007	Sequence number
obs_id	12302	Observation id
title	The X-ray Properties of Weak-Lensing Selected Galaxy Clusters	Prop
observer	MR Paul Giles	Principal investigator
object	SLJ1135.6+3009	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	173.91	Observer's specified target RA [deg]
dec_targ	30.16	Observer's specified target Dec [deg]
ra_nom	173.88714553642	Nominal RA [deg]
dec_nom	30.210731845872	Nominal Dec [deg]
roll_nom	113.28595072316	Nominal Roll [deg]
revision	2	Processing version of data
ontime	11051.500084996	Sum of GTIs [s]
livetime	10907.10410039	Livetime [s]
ontime0	11051.500084996	Sum of GTIs [s]
ontime1	11051.500084996	Sum of GTIs [s]
ontime2	11051.500084996	Sum of GTIs [s]
ontime3	11051.500084996	Sum of GTIs [s]
ontime6	11051.500084996	Sum of GTIs [s]
l2events	37083	Number of level 2 events

