

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12174 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12174N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.051968178988

## 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	800940	Sequence number
obs_id	12174	Observation id
title	CLoGS I. - A Complete Local-volume Group Survey	Proposal title
observer	Dr Stephen Murray	Principal investigator
object	LGG310	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	192.883333	Observer's specified target RA [deg]
dec_targ	-26.451667	Observer's specified target Dec [deg]
ra_nom	192.89059065654	Nominal RA [deg]
dec_nom	-26.446824314904	Nominal Dec [deg]
roll_nom	19.430039046002	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10051.968182802	Sum of GTIs [s]
livetime	9920.6318183426	Livetime [s]
ontime0	10051.845062792	Sum of GTIs [s]
ontime1	10051.886102796	Sum of GTIs [s]
ontime2	10051.927142799	Sum of GTIs [s]
ontime3	10051.968182802	Sum of GTIs [s]
ontime6	10051.804022789	Sum of GTIs [s]
l2events	33005	Number of level 2 events

