

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12176 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See [axaff12176N002-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	20.044003346026

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	800942	Sequence number
obs_id	12176	Observation id
title	CLoGS I. - A Complete Local-volume Group Survey	Proposal title
observer	Dr Stephen Murray	Principal investigator
object	LGG351	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.979167	Observer's specified target RA [deg]
dec_targ	-29.618889	Observer's specified target Dec [deg]
ra_nom	201.98504627556	Nominal RA [deg]
dec_nom	-29.612635430452	Nominal Dec [deg]
roll_nom	33.29597614904	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20044.003350079	Sum of GTIs [s]
livetime	19782.11369013	Livetime [s]
ontime0	20047.021250665	Sum of GTIs [s]
ontime1	20053.344361067	Sum of GTIs [s]
ontime2	20047.103349984	Sum of GTIs [s]
ontime3	20044.003350079	Sum of GTIs [s]
ontime6	20053.26228106	Sum of GTIs [s]
l2events	65844	Number of level 2 events

