

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12802 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See [axaff12802N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0264000749588

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	702438	Sequence number
obs_id	12802	Observation id
title	Exploring the X-ray Properties of the Highest-Luminosity Double-Peaked Emitters	Proposal title
observer	Bin Luo	Principal investigator
object	SDSS J150017.58+121036.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	225.073333	Observer's specified target RA [deg]
dec_targ	12.176806	Observer's specified target Dec [deg]
ra_nom	225.07104260909	Nominal RA [deg]
dec_nom	12.17252845726	Nominal Dec [deg]
roll_nom	211.30956078061	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5026.4000749588	Sum of GTIs [s]
livetime	4781.1281983818	Livetime [s]
ontime7	5026.4000749588	Sum of GTIs [s]
l2events	5339	Number of level 2 events

