

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13001 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See [axaff13001N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.961708927691

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	600965	Sequence number
obs_id	13001	Observation id
title	The brightest ultraluminous X-ray sources across the sky	Proposal
observer	Dr Jifeng Liu	Principal investigator
object	J052018.3-611521	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	80.07625	Observer's specified target RA [deg]
dec_targ	-61.255833	Observer's specified target Dec [deg]
ra_nom	80.085589585874	Nominal RA [deg]
dec_nom	-61.257857495162	Nominal Dec [deg]
roll_nom	303.89227161905	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4961.7089282274	Sum of GTIs [s]
livetime	4898.8807821958	Livetime [s]
ontime0	4961.7499682307	Sum of GTIs [s]
ontime1	4961.5447682142	Sum of GTIs [s]
ontime2	4961.5858082175	Sum of GTIs [s]
ontime3	4961.6268482208	Sum of GTIs [s]
ontime6	4961.6678882241	Sum of GTIs [s]
ontime7	4961.7089282274	Sum of GTIs [s]
l2events	35966	Number of level 2 events

