

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 13633 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See [axaff13633N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0690521699786

## 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	200787	Sequence number
obs_id	13633	Observation id
title	A Search for X-ray Emission from Colliding Magnetospheres in Young Eccentric Stellar Binaries	Proposal title
observer	Dr. Konstantin Getman	Principal investigator
object	Paranago523_P1	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	82.6775	Observer's specified target RA [deg]
dec_targ	-4.583861	Observer's specified target Dec [deg]
ra_nom	82.68042893242	Nominal RA [deg]
dec_nom	-4.5846132568105	Nominal Dec [deg]
roll_nom	289.29851604395	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3069.0521699786	Sum of GTIs [s]
livetime	2783.4683203144	Livetime [s]
ontime7	3069.0521699786	Sum of GTIs [s]
l2events	2192	Number of level 2 events

