

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12164 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See axaff12164N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.95993276453014

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.

=====

Monitor constraint met, follows obs12163 by 34 days.

seq_num	600918	Sequence number
obs_id	12164	Observation id
title	Black Hole X-ray Novae in M31	Proposal title
observer	Dr Stephen Murray	Principal investigator
object	M31	Source name
dtcycle	0	
cycle	P	events are from which exps? P[primary] S[econdar
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.694994358401	Nominal RA [deg]
dec_nom	41.265940746125	Nominal Dec [deg]
roll_nom	320.20216866513	Nominal Roll [deg]
revision	2	Processing version of data
ontime	937.74221116304	Sum of GTIs [s]
livetime	147.62324385464	Livetime [s]
ontime0	937.74220132828	Sum of GTIs [s]
ontime1	937.74220132828	Sum of GTIs [s]
ontime2	937.74220132828	Sum of GTIs [s]
ontime3	937.74221116304	Sum of GTIs [s]
ontime6	937.74221116304	Sum of GTIs [s]
ontime7	937.74219125509	Sum of GTIs [s]
l2events	2401	Number of level 2 events

