

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12339 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 5 2012

See axaff12339N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.048886321962

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	200675	Sequence number
obs_id	12339	Observation id
title	Maunder Minimum stars: How frequent are they ?	Proposal title
observer	Prof. Jurgen Schmitt	Principal investigator
object	GI 31.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	11.1625	Observer's specified target RA [deg]
dec_targ	-65.649444	Observer's specified target Dec [deg]
ra_nom	11.157419056121	Nominal RA [deg]
dec_nom	-65.653836338496	Nominal Dec [deg]
roll_nom	212.62469966462	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15048.886324823	Sum of GTIs [s]
livetime	14858.328264827	Livetime [s]
ontime4	15048.927364826	Sum of GTIs [s]
ontime5	15048.84528482	Sum of GTIs [s]
ontime6	15048.804244816	Sum of GTIs [s]
ontime7	15048.886324823	Sum of GTIs [s]
ontime8	15048.763204813	Sum of GTIs [s]
ontime9	15048.72216481	Sum of GTIs [s]
l2events	177521	Number of level 2 events

