

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12337 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See [axaff12337N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0952001104355

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	200673	Sequence number
obs_id	12337	Observation id
title	Maunder Minimum stars: How frequent are they ?	Proposal title
observer	Prof. Jurgen Schmitt	Principal investigator
object	Gl 19	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	6.4375	Observer's specified target RA [deg]
dec_targ	-77.254167	Observer's specified target Dec [deg]
ra_nom	6.4177310475736	Nominal RA [deg]
dec_nom	-77.256385355307	Nominal Dec [deg]
roll_nom	174.67158853424	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5095.2001104355	Sum of GTIs [s]
liveltime	4911.9400910389	Livetime [s]
ontime4	5095.2001104355	Sum of GTIs [s]
ontime5	5095.2001104355	Sum of GTIs [s]
ontime6	5095.2001104355	Sum of GTIs [s]
ontime7	5095.2001104355	Sum of GTIs [s]
ontime8	5095.2001104355	Sum of GTIs [s]
ontime9	5095.2001104355	Sum of GTIs [s]
l2events	15739	Number of level 2 events

