

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13340 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 31 2012

See axaff13340N001-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.4849000114202

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	702547	Sequence number
obs_id	13340	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1111+2437	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	167.835833	Observer's specified target RA [deg]
dec_targ	24.628	Observer's specified target Dec [deg]
ra_nom	167.83286579169	Nominal RA [deg]
dec_nom	24.629553186012	Nominal Dec [deg]
roll_nom	95.427318761911	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1484.9000114202	Sum of GTIs [s]
livetime	1465.4986996036	Livetime [s]
ontime6	1484.9000114202	Sum of GTIs [s]
ontime7	1484.9000114202	Sum of GTIs [s]
ontime8	1475.4770306945	Sum of GTIs [s]
l2events	6402	Number of level 2 events

