

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 13345 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See [axaff13345N001-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5779000121355

## 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	702552	Sequence number
obs_id	13345	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 J1201+0116	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	180.435	Observer's specified target RA [deg]
dec_targ	1.269889	Observer's specified target Dec [deg]
ra_nom	180.43352774983	Nominal RA [deg]
dec_nom	1.2722768784128	Nominal Dec [deg]
roll_nom	62.157035146262	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1577.9000121355	Sum of GTIs [s]
lifetime	1557.2835868439	Lifetime [s]
ontime6	1577.9000121355	Sum of GTIs [s]
ontime7	1577.9000121355	Sum of GTIs [s]
ontime8	1577.9000121355	Sum of GTIs [s]
l2events	6803	Number of level 2 events

