

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13318 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See axaff13318N001-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	1.5770803570747

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	702525	Sequence number
obs_id	13318	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 J1218+1536	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	184.680833	Observer's specified target RA [deg]
dec_targ	15.604778	Observer's specified target Dec [deg]
ra_nom	184.67809251734	Nominal RA [deg]
dec_nom	15.60693028535	Nominal Dec [deg]
roll_nom	85.900546445702	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1577.0803570747	Sum of GTIs [s]
livetime	1556.4746411799	Livetime [s]
ontime6	1577.0393170714	Sum of GTIs [s]
ontime7	1577.0803570747	Sum of GTIs [s]
ontime8	1576.9982770681	Sum of GTIs [s]
l2events	6942	Number of level 2 events

