

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12167 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 5 2012

See [axaff12167N002-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	5.0592000389099

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	702331	Sequence number
obs_id	12167	Observation id
title	Remarkable High-Redshift Quasars from the Sloan Digital Sky Survey	
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1026+2542	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	156.598333	Observer's specified target RA [deg]
dec_targ	25.716528	Observer's specified target Dec [deg]
ra_nom	156.59613040385	Nominal RA [deg]
dec_nom	25.712112496181	Nominal Dec [deg]
roll_nom	213.50866483224	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5059.2000389099	Sum of GTIs [s]
livetime	4993.0978658727	Livetime [s]
ontime6	5059.2000389099	Sum of GTIs [s]
ontime7	5059.2000389099	Sum of GTIs [s]
ontime8	5059.2000389099	Sum of GTIs [s]
l2events	27523	Number of level 2 events

