

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12851 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 9 2012

See axaff12851N002-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	5.0643033929467

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	702484	Sequence number
obs_id	12851	Observation id
title	X-ray properties of the Youngest Radio Sources	Proposal title
observer	Aneta Siemiginowska	Principal investigator
object	1943+546	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	296.13125	Observer's specified target RA [deg]
dec_targ	54.801944	Observer's specified target Dec [deg]
ra_nom	296.12435810573	Nominal RA [deg]
dec_nom	54.804894608369	Nominal Dec [deg]
roll_nom	111.16088541938	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5064.3033881783	Sum of GTIs [s]
livetime	4783.8340328792	Livetime [s]
ontime2	5064.1392281651	Sum of GTIs [s]
ontime3	5064.2213081717	Sum of GTIs [s]
ontime6	5064.262348175	Sum of GTIs [s]
ontime7	5064.3033881783	Sum of GTIs [s]
ontime8	5064.1802681684	Sum of GTIs [s]
l2events	4424	Number of level 2 events

