

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12897 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

See [axaff12897N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0558093751669

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	801034	Sequence number
obs_id	12897	Observation id
title	The Outer Limits of Clusters with Chandra and Suzaku	Proposal titl
observer	Dr. Eric Miller	Principal investigator
object	A2204_Field3	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.40303	Observer's specified target RA [deg]
dec_targ	5.431555	Observer's specified target Dec [deg]
ra_nom	248.40733784302	Nominal RA [deg]
dec_nom	5.4205893466942	Nominal Dec [deg]
roll_nom	190.48064546667	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5055.8093805313	Sum of GTIs [s]
livetime	4989.751508942	Livetime [s]
ontime0	5055.768340528	Sum of GTIs [s]
ontime1	5055.8093805313	Sum of GTIs [s]
ontime2	5052.7094301581	Sum of GTIs [s]
ontime3	5055.8914605379	Sum of GTIs [s]
ontime6	5055.7273005247	Sum of GTIs [s]
l2events	17548	Number of level 2 events

