

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12835 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See [axaff12835N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0556137728691

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	702468	Sequence number
obs_id	12835	Observation id
title	Chandra observations of the faintest hard X-ray sources in the SIX survey	Proposal title
observer	Dr Eugenio Bottacini	Principal investigator
object	SIX-1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	203.693333	Observer's specified target RA [deg]
dec_targ	-23.400111	Observer's specified target Dec [deg]
ra_nom	203.69459762829	Nominal RA [deg]
dec_nom	-23.392097557191	Nominal Dec [deg]
roll_nom	63.970381749684	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5055.6137773395	Sum of GTIs [s]
livetime	4991.5965515656	Livetime [s]
ontime0	5055.4906573296	Sum of GTIs [s]
ontime1	5055.5316973329	Sum of GTIs [s]
ontime2	5055.5727373362	Sum of GTIs [s]
ontime3	5055.6137773395	Sum of GTIs [s]
ontime6	5055.6958573461	Sum of GTIs [s]
ontime7	5055.6548173428	Sum of GTIs [s]
l2events	40665	Number of level 2 events

