

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12836 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 5 2012

See [axaff12836N002-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	5.0520574388504

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	702469	Sequence number
obs_id	12836	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-2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	196.059167	Observer's specified target RA [deg]
dec_targ	-5.544889	Observer's specified target Dec [deg]
ra_nom	196.05958999778	Nominal RA [deg]
dec_nom	-5.5368324118019	Nominal Dec [deg]
roll_nom	69.666185435826	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5052.0574390292	Sum of GTIs [s]
livetime	4988.0852457525	Livetime [s]
ontime0	5051.9343190193	Sum of GTIs [s]
ontime1	5051.9753590226	Sum of GTIs [s]
ontime2	5052.0163990259	Sum of GTIs [s]
ontime3	5052.0574390292	Sum of GTIs [s]
ontime6	5052.1395190358	Sum of GTIs [s]
ontime7	5052.0984790325	Sum of GTIs [s]
l2events	36306	Number of level 2 events

