

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12729 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See [axaff12729N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0526527732015

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	702365	Sequence number
obs_id	12729	Observation id
title	Completing the Chandra 3C Snapshot Survey: Extragalactic Radio Sources with $z < 0.3$	Proposal title
observer	Dr. Daniel Harris	Principal investigator
object	3C 196.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	123.867083	Observer's specified target RA [deg]
dec_targ	-3.141111	Observer's specified target Dec [deg]
ra_nom	123.87167407077	Nominal RA [deg]
dec_nom	-3.1425734385482	Nominal Dec [deg]
roll_nom	310.49230135845	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8052.6527776122	Sum of GTIs [s]
livetime	7947.438940796	Livetime [s]
ontime2	8052.5296576023	Sum of GTIs [s]
ontime3	8049.4296672344	Sum of GTIs [s]
ontime6	8052.6117376089	Sum of GTIs [s]
ontime7	8052.6527776122	Sum of GTIs [s]
l2events	53373	Number of level 2 events

