

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 13108 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff13108N002-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	15.053540468693

## 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	890048	Sequence number
obs_id	13108	Observation id
title	AO-12 Calibration Observations of A1795	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	A1795	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.219583	Observer's specified target RA [deg]
dec_targ	26.590833	Observer's specified target Dec [deg]
ra_nom	207.20974992952	Nominal RA [deg]
dec_nom	26.612582355477	Nominal Dec [deg]
roll_nom	116.47845884045	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15053.540468752	Sum of GTIs [s]
livetime	14856.854880273	Livetime [s]
ontime0	15053.417348742	Sum of GTIs [s]
ontime1	15047.176328063	Sum of GTIs [s]
ontime2	15050.358398438	Sum of GTIs [s]
ontime3	15053.540468752	Sum of GTIs [s]
ontime6	15053.376308739	Sum of GTIs [s]
l2events	172459	Number of level 2 events

