V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13414 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See axaff13414N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.766777492464

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	890059	Sequence number
obs_id	13414	Observation id
title	Mapping the Spatial Distribution of the ACIS Contaminant	Proposal
observer	Dr. CXC Calibration	Principal investigator
object	Abell 1795	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.219	Observer's specified target RA [deg]
dec_targ	26.591	Observer's specified target Dec [deg]
ra_nom	207.24904668217	Nominal RA [deg]
dec_nom	26.599389873787	Nominal Dec [deg]
roll_nom	221.89662193286	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14766.777491748	Sum of GTIs [s]
livetime	14573.838672675	Livetime [s]
ontime0	14766.777491748	Sum of GTIs [s]
ontime1	14773.100532353	Sum of GTIs [s]
ontime2	14770.000582039	Sum of GTIs [s]
ontime3	14773.18261236	Sum of GTIs [s]
ontime6	14773.018452346	Sum of GTIs [s]
l2events	127167	Number of level 2 events