V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12280 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff12280N002_VV001_vvref2.pdf for the full report

V&V Scientist	Mike Nowak
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.052218934238

Comments

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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.
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seq_num	800999	Sequence number
obs_id	12280	Observation id
title	A 'CENTENNIAL' SAMPLE OF THE 100 X-RAY BRIGHTEST GALAXY CLUSTERS	&#160
observer	Dr. Alexey Vikhlinin	Principal investigator
object	A2665	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	357.709167	Observer's specified target RA [deg]
dec_targ	6.155917	Observer's specified target Dec [deg]
ra_nom	357.7148354902	Nominal RA [deg]
dec_nom	6.1501828265011	Nominal Dec [deg]
roll_nom	297.10755023907	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10052.218938529	Sum of GTIs [s]
livetime	9920.8792977617	Livetime [s]
ontime0	10052.09581852	Sum of GTIs [s]
ontime1	10045.854937792	Sum of GTIs [s]
ontime2	10052.177898526	Sum of GTIs [s]
ontime3	10052.218938529	Sum of GTIs [s]
ontime6	10052.054778516	Sum of GTIs [s]
l2events	46086	Number of level 2 events