V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12275 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12275N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.053300077319

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	800994	Sequence number
obs_id	12275	Observation id
title	A 'CENTENNIAL' SAMPLE OF THE 100 X-RAY BRIGHTEST GALAXY CLUSTERS	&#160
observer	Dr. Alexey Vikhlinin	Principal investigator
object	RXJ1252.5-3116	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	193.14	Observer's specified target RA [deg]
dec_targ	-31.271111	Observer's specified target Dec [deg]
ra_nom	193.1469992537	Nominal RA [deg]
dec_nom	-31.265683643038	Nominal Dec [deg]
roll_nom	24.772463446702	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10053.300077319	Sum of GTIs [s]
livetime	9921.9463106771	Livetime [s]
ontime0	10053.300077319	Sum of GTIs [s]
ontime1	10050.159057021	Sum of GTIs [s]
ontime2	10053.300077319	Sum of GTIs [s]
ontime3	10053.300077319	Sum of GTIs [s]
ontime6	10053.300077319	Sum of GTIs [s]
l2events	46377	Number of level 2 events