V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12943 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See axaff12943N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.0272000600696

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	900975		Sequence number
obs_id	12943		Observation id
title	Chandra Studies of Unidentified X-ray Sources in the Galactic Bulge		&#160
observer	Dr. Hideyuki Mori		Principal investigator
object	1RXS J172147.6-272746		Source name
dtycycle	0		&#160
cycle	P		events from which exps? Prim/Second/Both
ra_targ	260.448333		Observer's specified target RA [deg]
dec_targ	-27.462778		Observer's specified target Dec [deg]
ra_nom	260.44542818026		Nominal RA [deg]
dec_nom	-27.458725871712		Nominal Dec [deg]
roll_nom	89.827560084499		Nominal Roll [deg]
revision	2		Processing version of data
ontime	4027.2000600696		Sum of GTIs [s]
livetime	3830.6858746976		Livetime [s]
ontime7	4027.2000600696		Sum of GTIs [s]
l2events	4392		Number of level 2 events