V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 14041 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff14041N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0858438466787

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	901007	Sequence number
obs_id	14041	Observation id
title	BAT, Chandra, NuSTAR and The origin of the Cosmic X-ray Background	&#160
observer	Dr. marco ajello	Principal investigator
object	J1139.2+0336	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	174.8	Observer's specified target RA [deg]
dec_targ	3.6	Observer's specified target Dec [deg]
ra_nom	174.80053334685	Nominal RA [deg]
dec_nom	3.6081414673662	Nominal Dec [deg]
roll_nom	68.439266429815	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5085.8438466787	Sum of GTIs [s]
livetime	5019.3935526781	Livetime [s]
ontime0	5082.5797364116	Sum of GTIs [s]
ontime1	5085.7617666721	Sum of GTIs [s]
ontime2	5082.6618363261	Sum of GTIs [s]
ontime3	5085.8438466787	Sum of GTIs [s]
l2events	12033	Number of level 2 events