V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12397 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff12397N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.050013424218

Comments

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Bright object is not at requrested coordinates. Requested coordinates
are at ra=17:20:39.60, dec=+32:28:03.80, which are correct for HD
157214. However, there seem to be no counts at this location. Instead, a
fairly bright object appears at ra=17:20:39.705, dec=+32:27:52.50.
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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	200731	Sequence number
obs_id	12397	Observation id
title	Magnetically Sleepy Stars: An X-ray Survey of Candidate Stars in Extended Magnetic Minima	Proposal title
observer	Dr. Steven Saar	Principal investigator
object	HD 157214	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	260.165	Observer's specified target RA [deg]
dec_targ	32.467722	Observer's specified target Dec [deg]
ra_nom	260.16605133961	Nominal RA [deg]
dec_nom	32.472510127286	Nominal Dec [deg]
roll_nom	48.181504710992	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10050.013421953	Sum of GTIs [s]
livetime	9922.7541006124	Livetime [s]
ontime2	10050.054461956	Sum of GTIs [s]
ontime3	10049.890301943	Sum of GTIs [s]
ontime5	10049.972381949	Sum of GTIs [s]
ontime6	10049.931341946	Sum of GTIs [s]
ontime7	10050.013421953	Sum of GTIs [s]
ontime8	10049.84926194	Sum of GTIs [s]
l2events	118486	Number of level 2 events