V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12327 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See axaff12327N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0785551236272

Comments

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.

seq_num	200665	Sequence number
obs_id	12327	Observation id
title	Calibrating the time-evolution of the high-energy emissions of GKM stars: key to modeling exoplanet atmospheres	Proposal title
observer	Dr. Ignasi Ribas	Principal investigator
object	LP888-63	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	52.204167	Observer's specified target RA [deg]
dec_targ	-27.317306	Observer's specified target Dec [deg]
ra_nom	52.199048219484	Nominal RA [deg]
dec_nom	-27.318746273589	Nominal Dec [deg]
roll_nom	166.02974365759	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5078.5551198125	Sum of GTIs [s]
livetime	5010.0180725796	Livetime [s]
ontime7	5078.5551198125	Sum of GTIs [s]
l2events	18572	Number of level 2 events