V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12721 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See axaff12721N002_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	8.0507000619173

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.
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The guide star in slot 6 was excluded from the aspect solution due to
poor data quality. The aspect solution is improved by the removal of
this guide star from the solution.

seq_num	702357	Sequence number
obs_id	12721	Observation id
title	Completing the Chandra 3C Snapshot Survey: Extragalactic Radio Sources with z < 0.3	Proposal title
observer	Dr. Daniel Harris	Principal investigator
object	3C 29	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	14.395417	Observer's specified target RA [deg]
dec_targ	-1.391111	Observer's specified target Dec [deg]
ra_nom	14.391191231209	Nominal RA [deg]
dec_nom	-1.3886910827972	Nominal Dec [deg]
roll_nom	118.8781250309	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8050.7000619173	Sum of GTIs [s]
livetime	7945.5117387692	Livetime [s]
ontime2	8050.7000619173	Sum of GTIs [s]
ontime3	8050.7000619173	Sum of GTIs [s]
ontime6	8050.7000619173	Sum of GTIs [s]
ontime7	8050.7000619173	Sum of GTIs [s]
l2events	45792	Number of level 2 events