

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12298 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12298N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.721548119426

Comments

The guide star slot 7 was used for optical photometry of the target.

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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.

seq_num	200660	Sequence number
obs_id	12298	Observation id
title	FK Comae, King of Spin: the Movie	Proposal title
observer	Dr. Thomas Ayres	Principal investigator
object	FK COMAE	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	202.695	Observer's specified target RA [deg]
dec_targ	24.232667	Observer's specified target Dec [deg]
ra_nom	202.69147733165	Nominal RA [deg]
dec_nom	24.229042304152	Nominal Dec [deg]
roll_nom	196.9080647814	Nominal Roll [deg]
revision	2	Processing version of data
ontime	39721.548121989	Sum of GTIs [s]
livetime	39080.010666881	Livetime [s]
ontime4	39721.589161992	Sum of GTIs [s]
ontime5	39721.507081985	Sum of GTIs [s]
ontime6	39718.92500186	Sum of GTIs [s]
ontime7	39721.548121989	Sum of GTIs [s]
ontime8	39721.425001979	Sum of GTIs [s]
ontime9	39721.383961976	Sum of GTIs [s]
l2events	339315	Number of level 2 events

