

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12299 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 9 2012

See [axaff12299N002_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	39.7575

Comments

The guide star slot 7 was used for optical monitoring 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	200661	Sequence number
obs_id	12299	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	202.69147776498	Nominal RA [deg]
dec_nom	24.229042418527	Nominal Dec [deg]
roll_nom	196.90806524195	Nominal Roll [deg]
revision	2	Processing version of data
ontime	39757.5	Sum of GTIs [s]
livetime	39115.381890879	Livetime [s]
ontime4	39757.5	Sum of GTIs [s]
ontime5	39757.5	Sum of GTIs [s]
ontime6	39757.492800832	Sum of GTIs [s]
ontime7	39757.5	Sum of GTIs [s]
ontime8	39757.451760828	Sum of GTIs [s]
ontime9	39757.410720825	Sum of GTIs [s]
l2events	344876	Number of level 2 events

