

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13251 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 9 2012

See [axaff13251N002-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	96.225

Comments

Guide star slot 7 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	200691	Sequence number
obs_id	13251	Observation id
title	SPINNING CORONA OF FK COM	Proposal title
observer	Dr. Vinay Kashyap	Principal investigator
object	FK Com	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	24.232694	Observer's specified target Dec [deg]
ra_nom	202.69136025601	Nominal RA [deg]
dec_nom	24.229159516419	Nominal Dec [deg]
roll_nom	195.15812131541	Nominal Roll [deg]
revision	2	Processing version of data
ontime	96225.0	Sum of GTIs [s]
livetime	94670.882788149	Livetime [s]
ontime4	96225.0	Sum of GTIs [s]
ontime5	96225.0	Sum of GTIs [s]
ontime6	96225.0	Sum of GTIs [s]
ontime7	96225.0	Sum of GTIs [s]
ontime8	96222.458949864	Sum of GTIs [s]
ontime9	96225.0	Sum of GTIs [s]
l2events	805196	Number of level 2 events

