

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12704 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff12704N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.124477176964

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	702340	Sequence number
obs_id	12704	Observation id
title	Chandra Observations of 4C+37.11: A Binary Black Hole in a Fossil Group	Proposal title
observer	Dr Stephen Murray	Principal investigator
object	4C+37.11	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	61.455	Observer's specified target RA [deg]
dec_targ	38.058889	Observer's specified target Dec [deg]
ra_nom	61.48110385153	Nominal RA [deg]
dec_nom	38.0085309408	Nominal Dec [deg]
roll_nom	294.19778414538	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10124.477177024	Sum of GTIs [s]
livetime	9992.1934291744	Livetime [s]
ontime0	10133.900077939	Sum of GTIs [s]
ontime1	10130.759107649	Sum of GTIs [s]
ontime2	10133.900077939	Sum of GTIs [s]
ontime3	10124.477177024	Sum of GTIs [s]
ontime6	10133.900077939	Sum of GTIs [s]
l2events	50777	Number of level 2 events

