

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12749 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See axaff12749N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.064

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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Joint proposal with HST.

seq_num	702385	Sequence number
obs_id	12749	Observation id
title	X-ray and HST Imaging of Kpc-Scale Binary AGNs	Proposal title
observer	Dr Yue Shen	Principal investigator
object	SDSSJ1108+0659	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	167.2125	Observer's specified target RA [deg]
dec_targ	6.983722	Observer's specified target Dec [deg]
ra_nom	167.21035493908	Nominal RA [deg]
dec_nom	6.9853150177569	Nominal Dec [deg]
roll_nom	70.244893862943	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20064.0	Sum of GTIs [s]
livetime	19273.03465765	Livetime [s]
ontime2	20062.958969891	Sum of GTIs [s]
ontime3	20064.0	Sum of GTIs [s]
ontime5	20064.0	Sum of GTIs [s]
ontime6	20064.0	Sum of GTIs [s]
ontime7	20064.0	Sum of GTIs [s]
l2events	62267	Number of level 2 events

