

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12751 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12751N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.065755148888

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: HST

seq_num	702387	Sequence number
obs_id	12751	Observation id
title	X-ray and HST Imaging of Kpc-Scale Binary AGNs	Proposal title
observer	Dr Yue Shen	Principal investigator
object	SDSSJ1146+5110	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	176.677083	Observer's specified target RA [deg]
dec_targ	51.174889	Observer's specified target Dec [deg]
ra_nom	176.67841361425	Nominal RA [deg]
dec_nom	51.172337768427	Nominal Dec [deg]
roll_nom	215.22746701059	Nominal Roll [deg]
revision	2	Processing version of data
ontime	16065.755149484	Sum of GTIs [s]
livetime	15432.409080807	Livetime [s]
ontime2	16065.59098947	Sum of GTIs [s]
ontime3	16065.632029474	Sum of GTIs [s]
ontime5	16065.71410948	Sum of GTIs [s]
ontime6	16065.673069477	Sum of GTIs [s]
ontime7	16065.755149484	Sum of GTIs [s]
l2events	44450	Number of level 2 events

