

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12767 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12767N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0419471050501

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	702403	Sequence number
obs_id	12767	Observation id
title	X-ray Properties of 2MASS Selected BALQSOs	Proposal title
observer	Dr. Xinyu Dai	Principal investigator
object	SDSSJ110505.15+111541.0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.271667	Observer's specified target RA [deg]
dec_targ	11.261417	Observer's specified target Dec [deg]
ra_nom	166.2720251362	Nominal RA [deg]
dec_nom	11.256526505114	Nominal Dec [deg]
roll_nom	242.00552048051	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7041.9471073151	Sum of GTIs [s]
livetime	6949.938884152	Livetime [s]
ontime2	7041.7829473019	Sum of GTIs [s]
ontime3	7041.8650273085	Sum of GTIs [s]
ontime6	7041.9060673118	Sum of GTIs [s]
ontime7	7041.9471073151	Sum of GTIs [s]
ontime8	7041.8239873052	Sum of GTIs [s]
l2events	43076	Number of level 2 events

