

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13956 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See axaff13956N001-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.344151631474

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.

==

Joint proposal with HST.

seq_num	702678	Sequence number
obs_id	13956	Observation id
title	Identifying Analogs of NGC 6240: Galaxies with Dual Supermassive Black Holes	Proposal title
observer	Dr. Julia Comerford	Principal investigator
object	SDSS J085416.76+502632.0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	133.57	Observer's specified target RA [deg]
dec_targ	50.442222	Observer's specified target Dec [deg]
ra_nom	133.56867858442	Nominal RA [deg]
dec_nom	50.439319625682	Nominal Dec [deg]
roll_nom	196.09758236576	Nominal Roll [deg]
revision	1	Processing version of data
ontime	20344.151631474	Sum of GTIs [s]
livetime	20078.340313263	Livetime [s]
ontime2	20343.987471461	Sum of GTIs [s]
ontime3	20337.787560761	Sum of GTIs [s]
ontime6	20344.110591471	Sum of GTIs [s]
ontime7	20344.151631474	Sum of GTIs [s]
ontime8	20344.028511465	Sum of GTIs [s]
l2events	124755	Number of level 2 events

