

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12383 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See axaff12383N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.076196083963

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	200717	Sequence number
obs_id	12383	Observation id
title	The origin of the X-ray emission from the enigmatic multiple system HBC 515	Proposal title
observer	Dr. Giuseppe Sacco	Principal investigator
object	HBC 515	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	88.5125	Observer's specified target RA [deg]
dec_targ	1.67275	Observer's specified target Dec [deg]
ra_nom	88.517260799135	Nominal RA [deg]
dec_nom	1.6718918082652	Nominal Dec [deg]
roll_nom	318.15581513537	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30076.196085572	Sum of GTIs [s]
livetime	28764.533364166	Livetime [s]
ontime6	30076.155045569	Sum of GTIs [s]
ontime7	30076.196085572	Sum of GTIs [s]
l2events	54206	Number of level 2 events

