

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12425 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See axaff12425N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0514322178364

## 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	401166	Sequence number
obs_id	12425	Observation id
title	The Nature of INTEGRAL Sources in the Galactic Plane	Proposal titl
observer	Dr. John Tomsick	Principal investigator
object	IGR J01545+6437	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	28.605	Observer's specified target RA [deg]
dec_targ	64.62	Observer's specified target Dec [deg]
ra_nom	28.618275638142	Nominal RA [deg]
dec_nom	64.614783004195	Nominal Dec [deg]
roll_nom	296.68631122479	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5051.4322153926	Sum of GTIs [s]
livetime	4987.467939074	Livetime [s]
ontime0	5051.3090953827	Sum of GTIs [s]
ontime1	5051.350135386	Sum of GTIs [s]
ontime2	5051.3911753893	Sum of GTIs [s]
ontime3	5051.4322153926	Sum of GTIs [s]
ontime6	5051.5142953992	Sum of GTIs [s]
ontime7	5051.4732553959	Sum of GTIs [s]
l2events	36388	Number of level 2 events

