

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12432 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12432N002-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	5.0576906491518

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	401173	Sequence number
obs_id	12432	Observation id
title	The Nature of INTEGRAL Sources in the Galactic Plane	Proposal titl
observer	Dr. John Tomsick	Principal investigator
object	IGR J22014+6034	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	330.360833	Observer's specified target RA [deg]
dec_targ	60.567	Observer's specified target Dec [deg]
ra_nom	330.36377900854	Nominal RA [deg]
dec_nom	60.575428983045	Nominal Dec [deg]
roll_nom	62.196124634911	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5057.6906508803	Sum of GTIs [s]
livetime	4993.6471264832	Livetime [s]
ontime0	5057.5675308704	Sum of GTIs [s]
ontime1	5057.6085708737	Sum of GTIs [s]
ontime2	5057.649610877	Sum of GTIs [s]
ontime3	5057.6906508803	Sum of GTIs [s]
ontime6	5057.7727308869	Sum of GTIs [s]
ontime7	5057.7316908836	Sum of GTIs [s]
l2events	33592	Number of level 2 events

