

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12418 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See [axaff12418N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0527999812365

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	401159	Sequence number
obs_id	12418	Observation id
title	The Nature of INTEGRAL Sources in the Galactic Plane	Proposal titl
observer	Dr. John Tomsick	Principal investigator
object	IGR J21188+4901	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	319.699167	Observer's specified target RA [deg]
dec_targ	49.017	Observer's specified target Dec [deg]
ra_nom	319.70784844107	Nominal RA [deg]
dec_nom	49.022431675949	Nominal Dec [deg]
roll_nom	24.22045145335	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5052.7999812365	Sum of GTIs [s]
livetime	4988.8183854432	Livetime [s]
ontime0	5052.7999812365	Sum of GTIs [s]
ontime1	5052.7999812365	Sum of GTIs [s]
ontime2	5052.7999812365	Sum of GTIs [s]
ontime3	5052.7999812365	Sum of GTIs [s]
ontime6	5052.7999812365	Sum of GTIs [s]
ontime7	5052.7999812365	Sum of GTIs [s]
l2events	36358	Number of level 2 events

