

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12844 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See [axaff12844N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0479999924302

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	702477	Sequence number
obs_id	12844	Observation id
title	Chandra observations of unidentified Fermi sources detected by INTEGRAL	Proposal title
observer	Mr. Claudio Ricci	Principal investigator
object	1FGL J1511.9-2253	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	227.9875	Observer's specified target RA [deg]
dec_targ	-22.889	Observer's specified target Dec [deg]
ra_nom	227.9868476823	Nominal RA [deg]
dec_nom	-22.881070959461	Nominal Dec [deg]
roll_nom	76.967906726752	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2047.9999924302	Sum of GTIs [s]
livetime	2022.0669833685	Livetime [s]
ontime0	2047.9999924302	Sum of GTIs [s]
ontime1	2047.9999924302	Sum of GTIs [s]
ontime2	2047.9999924302	Sum of GTIs [s]
ontime3	2047.9999924302	Sum of GTIs [s]
ontime6	2047.9999924302	Sum of GTIs [s]
ontime7	2047.9999924302	Sum of GTIs [s]
l2events	14906	Number of level 2 events

