

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12843 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See axaff12843N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0511999924183

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	702476	Sequence number
obs_id	12843	Observation id
title	Chandra observations of unidentified Fermi sources detected by INTEGRAL	Proposal title
observer	Mr. Claudio Ricci	Principal investigator
object	1FGL J1417.7-4407	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	214.427917	Observer's specified target RA [deg]
dec_targ	-44.132111	Observer's specified target Dec [deg]
ra_nom	214.42907219827	Nominal RA [deg]
dec_nom	-44.124381241868	Nominal Dec [deg]
roll_nom	66.585054014821	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2051.1999924183	Sum of GTIs [s]
livetime	2025.2264630299	Livetime [s]
ontime0	2051.1999924183	Sum of GTIs [s]
ontime1	2051.1999924183	Sum of GTIs [s]
ontime2	2051.1999924183	Sum of GTIs [s]
ontime3	2051.1999924183	Sum of GTIs [s]
ontime6	2051.1999924183	Sum of GTIs [s]
ontime7	2051.1999924183	Sum of GTIs [s]
l2events	15495	Number of level 2 events

