

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12534 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See [axaff12534N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.040339409828

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	401275	Sequence number
obs_id	12534	Observation id
title	Searching New Millisecond Pulsar Fields for X-ray Counterparts	Pro
observer	Dr. Michael Wolff	Principal investigator
object	PSRJ1514-49	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	228.534208	Observer's specified target RA [deg]
dec_targ	-49.767861	Observer's specified target Dec [deg]
ra_nom	228.53130684517	Nominal RA [deg]
dec_nom	-49.763352232735	Nominal Dec [deg]
roll_nom	81.070522386319	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10040.33940953	Sum of GTIs [s]
livetime	9909.1549835543	Livetime [s]
ontime2	10037.034289122	Sum of GTIs [s]
ontime3	10040.257329524	Sum of GTIs [s]
ontime6	10040.298369527	Sum of GTIs [s]
ontime7	10040.33940953	Sum of GTIs [s]
ontime8	10040.21628952	Sum of GTIs [s]
l2events	57799	Number of level 2 events

