

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12535 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff12535N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.0378000772

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	401276	Sequence number
obs_id	12535	Observation id
title	Searching New Millisecond Pulsar Fields for X-ray Counterparts	Pro
observer	Dr. Michael Wolff	Principal investigator
object	PSRJ1658-53	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	254.704112	Observer's specified target RA [deg]
dec_targ	-53.333702	Observer's specified target Dec [deg]
ra_nom	254.69771658433	Nominal RA [deg]
dec_nom	-53.330722397456	Nominal Dec [deg]
roll_nom	109.84806183542	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10037.8000772	Sum of GTIs [s]
livetime	9906.6488294704	Livetime [s]
ontime2	10037.8000772	Sum of GTIs [s]
ontime3	10037.8000772	Sum of GTIs [s]
ontime6	10028.377016664	Sum of GTIs [s]
ontime7	10037.8000772	Sum of GTIs [s]
ontime8	10037.8000772	Sum of GTIs [s]
l2events	62605	Number of level 2 events

