V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13226 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See axaff13226N002_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	22.70642723912

Comments

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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.
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Roll preference met.
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seq_num	501508	Sequence number
obs_id	13226	Observation id
title	The Pulsar Wind Nebula in DEM L241	Proposal title
observer	Frederick Seward	Principal investigator
object	DEM L241	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	84.0	Observer's specified target RA [deg]
dec_targ	-67.585833	Observer's specified target Dec [deg]
ra_nom	84.024179731725	Nominal RA [deg]
dec_nom	-67.594538302682	Nominal Dec [deg]
roll_nom	305.17899087931	Nominal Roll [deg]
revision	2	Processing version of data
ontime	22706.427243233	Sum of GTIs [s]
livetime	22409.751055071	Livetime [s]
ontime2	22699.981092691	Sum of GTIs [s]
ontime3	22706.345163226	Sum of GTIs [s]
ontime6	22706.386203229	Sum of GTIs [s]
ontime7	22706.427243233	Sum of GTIs [s]
ontime8	22706.304123223	Sum of GTIs [s]
l2events	104568	Number of level 2 events