

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12695 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See axaff12695N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.054117301345

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	501522	Sequence number
obs_id	12695	Observation id
title	Radioactivity, Particle Acceleration, and Supernova Ejecta in the Youngest Galactic SNR G1.9+0.3	Proposal title
observer	Dr. Kazimierz Borkowski	Principal investigator
object	G1.9+0.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.189167	Observer's specified target RA [deg]
dec_targ	-27.168889	Observer's specified target Dec [deg]
ra_nom	267.18722730215	Nominal RA [deg]
dec_nom	-27.164366942321	Nominal Dec [deg]
roll_nom	79.155744085905	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40054.117303133	Sum of GTIs [s]
livetime	39546.927952147	Livetime [s]
ontime2	40034.71215111	Sum of GTIs [s]
ontime3	40053.994183123	Sum of GTIs [s]
ontime5	40054.07626313	Sum of GTIs [s]
ontime6	40054.035223126	Sum of GTIs [s]
ontime7	40054.117303133	Sum of GTIs [s]
ontime8	40053.95314312	Sum of GTIs [s]
l2events	416489	Number of level 2 events

