

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13017 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff13017N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.063633152902

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.

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Window constraint met.

seq_num	600981	Sequence number
obs_id	13017	Observation id
title	Probing the Flaring Activity and Submillimeter Structure of Sgr A* with Chandra and 1.3mm VLBI	Proposal title
observer	Dr. Frederick Baganoff	Principal investigator
object	Sgr A*	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.416667	Observer's specified target RA [deg]
dec_targ	-29.007778	Observer's specified target Dec [deg]
ra_nom	266.41434971583	Nominal RA [deg]
dec_nom	-28.999978746184	Nominal Dec [deg]
roll_nom	87.408149557675	Nominal Roll [deg]
revision	2	Processing version of data
ontime	18063.633146524	Sum of GTIs [s]
livetime	17827.618481212	Livetime [s]
ontime0	18066.651026845	Sum of GTIs [s]
ontime1	18066.692066848	Sum of GTIs [s]
ontime2	18066.733106852	Sum of GTIs [s]
ontime3	18063.633146524	Sum of GTIs [s]
l2events	115159	Number of level 2 events

