

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13185 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff13185N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.05119988811

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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Joint proposal with HST.

seq_num	900944	Sequence number
obs_id	13185	Observation id
title	A CHandra survey of Extended Emission-line Regions in nearby Seyfert galaxies (CHEERS)	Proposal title
observer	Dr. Junfeng Wang	Principal investigator
object	NGC 1386	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.1925	Observer's specified target RA [deg]
dec_targ	-35.99925	Observer's specified target Dec [deg]
ra_nom	54.190736970275	Nominal RA [deg]
dec_nom	-36.003881100629	Nominal Dec [deg]
roll_nom	221.15558168325	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30051.19988811	Sum of GTIs [s]
livetime	29670.673500467	Livetime [s]
ontime2	30047.958917737	Sum of GTIs [s]
ontime3	30051.19988811	Sum of GTIs [s]
ontime5	30051.19988811	Sum of GTIs [s]
ontime6	30051.19988811	Sum of GTIs [s]
ontime7	30051.19988811	Sum of GTIs [s]
ontime8	30051.19988811	Sum of GTIs [s]
l2events	298841	Number of level 2 events

