

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13257 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff13257N002-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	34.255999872446

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	13257	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	54.190698925217	Nominal RA [deg]
dec_nom	-36.003858482636	Nominal Dec [deg]
roll_nom	220.63747456797	Nominal Roll [deg]
revision	2	Processing version of data
ontime	34255.999872446	Sum of GTIs [s]
livetime	33822.229775574	Livetime [s]
ontime2	34252.758912086	Sum of GTIs [s]
ontime3	34252.758882225	Sum of GTIs [s]
ontime5	34255.999872446	Sum of GTIs [s]
ontime6	34252.758902073	Sum of GTIs [s]
ontime7	34255.999872446	Sum of GTIs [s]
ontime8	34252.758862376	Sum of GTIs [s]
l2events	328117	Number of level 2 events

