V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12290 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12290N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	70.051199739099

Comments

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Joint proposal: HST
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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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seq_num	900945	Sequence number
obs_id	12290	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 3393	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	162.097917	Observer's specified target RA [deg]
dec_targ	-25.162056	Observer's specified target Dec [deg]
ra_nom	162.10317223989	Nominal RA [deg]
dec_nom	-25.161138837839	Nominal Dec [deg]
roll_nom	339.22222146892	Nominal Roll [deg]
revision	2	Processing version of data
ontime	70051.199739099	Sum of GTIs [s]
livetime	69164.169268234	Livetime [s]
ontime2	70051.199739099	Sum of GTIs [s]
ontime3	70051.199739099	Sum of GTIs [s]
ontime5	70051.199739099	Sum of GTIs [s]
ontime6	70047.958698928	Sum of GTIs [s]
ontime7	70051.199739099	Sum of GTIs [s]
ontime8	70047.958688915	Sum of GTIs [s]
l2events	681967	Number of level 2 events