V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12889 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See axaff12889N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	137.32692380053

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	801026	Sequence number
obs_id	12889	Observation id
title	A Deep {em Chandra} Study of NGC 4472 - Gas Dynamics in the Nearest Group-Cluster Merger	Proposal title
observer	Dr. Ralph Kraft	Principal investigator
object	NGC 4472	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.444583	Observer's specified target RA [deg]
dec_targ	8.000556	Observer's specified target Dec [deg]
ra_nom	187.45337041523	Nominal RA [deg]
dec_nom	8.0370135913633	Nominal Dec [deg]
roll_nom	79.20036329349	Nominal Roll [deg]
revision	2	Processing version of data
ontime	137326.92380947	Sum of GTIs [s]
livetime	135588.00761185	Livetime [s]
ontime2	137323.51859927	Sum of GTIs [s]
ontime5	137326.88276947	Sum of GTIs [s]
ontime6	137313.87749839	Sum of GTIs [s]
ontime7	137326.92380947	Sum of GTIs [s]
ontime8	137320.3185789	Sum of GTIs [s]
ontime9	137314.0005675	Sum of GTIs [s]
l2events	1979824	Number of level 2 events