V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12884 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See axaff12884N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	85.656100658774

Comments

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Joint proposal with HST and NRAO.
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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	801023	Sequence number
obs_id	12884	Observation id
title	AGN heating and cooling in the most luminous group cool core	Propo
observer	Dr. Ming Sun	Principal investigator
object	A3581	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	211.87375	Observer's specified target RA [deg]
dec_targ	-27.017806	Observer's specified target Dec [deg]
ra_nom	211.88112536603	Nominal RA [deg]
dec_nom	-26.998027918238	Nominal Dec [deg]
roll_nom	76.218260645973	Nominal Roll [deg]
revision	2	Processing version of data
ontime	85656.100658774	Sum of GTIs [s]
livetime	84536.940644564	Livetime [s]
ontime2	85646.677767754	Sum of GTIs [s]
ontime3	85652.959668517	Sum of GTIs [s]
ontime5	85656.100658774	Sum of GTIs [s]
ontime6	85643.536817431	Sum of GTIs [s]
ontime7	85656.100658774	Sum of GTIs [s]
l2events	1271082	Number of level 2 events