V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12956 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12956N002_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	50.051199813604

Comments

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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	600924	Sequence number
obs_id	12956	Observation id
title	Building a Chandra sample of Black Hole Masses	Proposal title
observer	Dr Philip Humphrey	Principal investigator
object	NGC 5087	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	200.104167	Observer's specified target RA [deg]
dec_targ	-20.611	Observer's specified target Dec [deg]
ra_nom	200.10505693047	Nominal RA [deg]
dec_nom	-20.606222476211	Nominal Dec [deg]
roll_nom	48.436196185816	Nominal Roll [deg]
revision	2	Processing version of data
ontime	50051.199813604	Sum of GTIs [s]
livetime	49417.42138435	Livetime [s]
ontime2	50041.476712108	Sum of GTIs [s]
ontime3	50047.958773255	Sum of GTIs [s]
ontime5	50051.199813604	Sum of GTIs [s]
ontime6	50051.199813604	Sum of GTIs [s]
ontime7	50051.199813604	Sum of GTIs [s]
ontime8	50051.199813604	Sum of GTIs [s]
l2events	565529	Number of level 2 events