V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12188 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See axaff12188N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.056400077343

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	800954		Sequence number
obs_id	12188		Observation id
title	Confronting Shear Lensing Mass Measurements with Chandra		Proposal
observer	Dr Stephen Murray		Principal investigator
object	L4		Source name
dtycycle	0		&#160
cycle	P		events from which exps? Prim/Second/Both
ra_targ	140.415833		Observer's specified target RA [deg]
dec_targ	29.692		Observer's specified target Dec [deg]
ra_nom	140.41573601858		Nominal RA [deg]
dec_nom	29.746381388423		Nominal Dec [deg]
roll_nom	92.077841790289		Nominal Roll [deg]
revision	2		Processing version of data
ontime	10056.400077343		Sum of GTIs [s]
livetime	9925.0058069185		Livetime [s]
ontime0	10056.400077343		Sum of GTIs [s]
ontime1	10056.400077343		Sum of GTIs [s]
ontime2	10053.25909698		Sum of GTIs [s]
ontime3	10056.400077343		Sum of GTIs [s]
ontime6	10056.400077343		Sum of GTIs [s]
l2events	41354		Number of level 2 events