V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12168 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12168N002_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	4.057900031209

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	702332	Sequence number
obs_id	12168	Observation id
title	Remarkable High-Redshift Quasars from the Sloan Digital Sky Survey	&#160
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1420+1205	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	215.2	Observer's specified target RA [deg]
dec_targ	12.096083	Observer's specified target Dec [deg]
ra_nom	215.19631522418	Nominal RA [deg]
dec_nom	12.099521564285	Nominal Dec [deg]
roll_nom	106.14541524946	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4057.900031209	Sum of GTIs [s]
livetime	4004.8805799187	Livetime [s]
ontime6	4057.900031209	Sum of GTIs [s]
ontime7	4057.900031209	Sum of GTIs [s]
ontime8	4057.900031209	Sum of GTIs [s]
l2events	18865	Number of level 2 events