V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13211 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See axaff13211N002_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	29.040800223351

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	702433	Sequence number
obs_id	13211	Observation id
title	X-rays from the extended emission-line region of 3C305: probing a massive jet-driven outflow	Proposal title
observer	Dr Martin Hardcastle	Principal investigator
object	3C305	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	222.34	Observer's specified target RA [deg]
dec_targ	63.270583	Observer's specified target Dec [deg]
ra_nom	222.34038159786	Nominal RA [deg]
dec_nom	63.275416742989	Nominal Dec [deg]
roll_nom	56.356292646992	Nominal Roll [deg]
revision	2	Processing version of data
ontime	29040.800223351	Sum of GTIs [s]
livetime	28661.360788906	Livetime [s]
ontime2	29040.800223351	Sum of GTIs [s]
ontime3	29040.800223351	Sum of GTIs [s]
ontime6	29040.800223351	Sum of GTIs [s]
ontime7	29040.800223351	Sum of GTIs [s]
ontime8	29040.800223351	Sum of GTIs [s]
l2events	193742	Number of level 2 events