

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13133 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff13133N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.633750234246

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	702509	Sequence number
obs_id	13133	Observation id
title	Detailed X-ray spectra of IR-selected AGN in the Bootes field	Prop
observer	Dr Stephen Murray	Principal investigator
object	XBootes IRAGN Field 2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.326667	Observer's specified target RA [deg]
dec_targ	34.367889	Observer's specified target Dec [deg]
ra_nom	217.32676353991	Nominal RA [deg]
dec_nom	34.375968276356	Nominal Dec [deg]
roll_nom	72.151873427093	Nominal Roll [deg]
revision	2	Processing version of data
ontime	29633.750237644	Sum of GTIs [s]
livetime	29258.509848833	Livetime [s]
ontime0	29630.386127293	Sum of GTIs [s]
ontime1	29627.186126888	Sum of GTIs [s]
ontime2	29633.70919764	Sum of GTIs [s]
ontime3	29633.750237644	Sum of GTIs [s]
ontime6	29633.83231765	Sum of GTIs [s]
ontime7	29633.791277647	Sum of GTIs [s]
l2events	212887	Number of level 2 events

