

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 13132 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See [axaff13132N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.044758865297

## 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	702508	Sequence number
obs_id	13132	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 1	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.8075	Observer's specified target RA [deg]
dec_targ	34.142528	Observer's specified target Dec [deg]
ra_nom	218.80812047778	Nominal RA [deg]
dec_nom	34.150600312559	Nominal Dec [deg]
roll_nom	69.028023444714	Nominal Roll [deg]
revision	2	Processing version of data
ontime	28044.758865237	Sum of GTIs [s]
livetime	27689.639241959	Livetime [s]
ontime0	28041.517994463	Sum of GTIs [s]
ontime1	28047.999895573	Sum of GTIs [s]
ontime2	28041.518004477	Sum of GTIs [s]
ontime3	28044.758865237	Sum of GTIs [s]
ontime6	28044.758984804	Sum of GTIs [s]
ontime7	28047.999895573	Sum of GTIs [s]
l2events	199345	Number of level 2 events

