

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13201 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See [axaff13201N002-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	49.351694625378

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	801060	Sequence number
obs_id	13201	Observation id
title	Abell 665: Determining the Connection Between Cluster Dynamics and Radio Halos	Proposal title
observer	Dr. Craig Sarazin	Principal investigator
object	Abell 665	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	127.746875	Observer's specified target RA [deg]
dec_targ	65.840556	Observer's specified target Dec [deg]
ra_nom	127.7210717606	Nominal RA [deg]
dec_nom	65.847849516118	Nominal Dec [deg]
roll_nom	153.34764509701	Nominal Roll [deg]
revision	2	Processing version of data
ontime	49351.69462347	Sum of GTIs [s]
livetime	48706.878401026	Livetime [s]
ontime0	49345.2895028	Sum of GTIs [s]
ontime1	49342.189532042	Sum of GTIs [s]
ontime2	49354.794563949	Sum of GTIs [s]
ontime3	49351.69462347	Sum of GTIs [s]
ontime6	49354.671453774	Sum of GTIs [s]
l2events	231178	Number of level 2 events

