

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12877 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See [axaff12877N002_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	10.109100077748

Comments

Joint proposal: NRAO

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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.

seq_num	801016	Sequence number
obs_id	12877	Observation id
title	Investigating AGN feedback in cool cores detected in Halpha	Propos
observer	Dr Myriam Gitti	Principal investigator
object	Abell 1668	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	195.964167	Observer's specified target RA [deg]
dec_targ	19.265306	Observer's specified target Dec [deg]
ra_nom	195.9426244203	Nominal RA [deg]
dec_nom	19.269856250001	Nominal Dec [deg]
roll_nom	172.09036835537	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10109.100077748	Sum of GTIs [s]
livetime	9977.0172430213	Livetime [s]
ontime2	10109.100077748	Sum of GTIs [s]
ontime3	10109.100077748	Sum of GTIs [s]
ontime5	10109.100077748	Sum of GTIs [s]
ontime6	10105.959057391	Sum of GTIs [s]
ontime7	10109.100077748	Sum of GTIs [s]
l2events	115586	Number of level 2 events

