

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 11337 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See [axaff11337N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Mike Nowak
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.2543999655843

## Comments

Comments for Obs 0

Star in slot 6 has an RMS deviation > 0.200000 arcsec

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	600856	Sequence number
obs_id	11337	Observation id
title	Accretion onto nuclear black holes in early type galaxies: comparing field vs. clusters	Proposal title
observer	Elena Gallo	Principal investigator
object	PGC1223766	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	224.671	Observer's specified target RA [deg]
dec_targ	2.33986	Observer's specified target Dec [deg]
ra_nom	224.6703349622	Nominal RA [deg]
dec_nom	2.3447103263618	Nominal Dec [deg]
roll_nom	66.132316185445	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9254.3999655843	Sum of GTIs [s]
livetime	9137.2151808894	Livetime [s]
ontime4	9254.3999655843	Sum of GTIs [s]
ontime5	9254.3999655843	Sum of GTIs [s]
ontime6	9254.3999655843	Sum of GTIs [s]
ontime7	9254.3999655843	Sum of GTIs [s]
ontime8	9251.1589953303	Sum of GTIs [s]
ontime9	9254.3999655843	Sum of GTIs [s]
l2events	110495	Number of level 2 events

