

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12754 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See [axaff12754N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.041357953012

## 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	702390	Sequence number
obs_id	12754	Observation id
title	Low luminosity AGN and low mass black holes in nearby dwarf galaxies	&#160
observer	Dr Thomas Maccarone	Principal investigator
object	Ursa Minor	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	227.285417	Observer's specified target RA [deg]
dec_targ	67.2225	Observer's specified target Dec [deg]
ra_nom	227.27583521962	Nominal RA [deg]
dec_nom	67.225628719158	Nominal Dec [deg]
roll_nom	108.46511153296	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20041.357957304	Sum of GTIs [s]
livetime	19779.502861358	Livetime [s]
ontime2	20034.911846578	Sum of GTIs [s]
ontime3	20041.275877297	Sum of GTIs [s]
ontime6	20041.3169173	Sum of GTIs [s]
ontime7	20041.357957304	Sum of GTIs [s]
ontime8	20031.811955929	Sum of GTIs [s]
l2events	137266	Number of level 2 events

