

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 407 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 26 2009

See [axaff00407N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.02.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.947

## Comments

The focal plane temperature is approximately -110 C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature, because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front and back illuminated chips are affected. However a T\_GAIN correction has been applied to the BI chips (ACIS-5 and ACIS-7) data included here.

The ACIS spectral response calibration is less accurate at these warmer temperatures than it is at -119.7 C. Users whose science objectives depend on the most accurate spectral response (ie: fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

seq_num	700079	Sequence number
obs_id	407	Observation id
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES	Proposal
observer	Prof Gordon Garmire	Principal investigator
object	NGC 4594	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	189.995	Observer's specified target RA
dec_targ	-11.624444	Observer's specified target Dec
ra_nom	190.00787763879	Nominal RA
dec_nom	-11.597556520569	Nominal Dec
roll_nom	68.753528487926	Nominal Roll
revision	4	Processing version of data
ontime	1947.1999927387	Sum of GTIs [s]
liveltime	1766.007611771	Livetime [s]
ontime7	1947.1999927387	Sum of GTIs [s]
l2events	2156	Number of level 2 events

