

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 392 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 23 2009

See [axaff00392N001_VV002_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.776

Comments

The guide star in slot 6 was manually excluded from the processing due to poor data quality.

Slot 7 was not utilized in this observation.

=====

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	700064	Sequence number
obs_id	392	Observation id
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES	Proposal
observer	Prof Gordon Garmire	Principal investigator
object	NGC 3489	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	165.075417	Observer's specified target RA
dec_targ	13.902222	Observer's specified target Dec
ra_nom	165.09127718955	Nominal RA
dec_nom	13.927911140987	Nominal Dec
roll_nom	63.27219830872	Nominal Roll
revision	4	Processing version of data
ontime	1775.4833163247	Sum of GTIs [s]
livetime	1753.0010775056	Livetime [s]
ontime2	1775.4422763214	Sum of GTIs [s]
ontime3	1775.3601963222	Sum of GTIs [s]
ontime6	1775.4012363255	Sum of GTIs [s]
ontime7	1775.4833163247	Sum of GTIs [s]
ontime8	1775.319046624	Sum of GTIs [s]
l2events	17034	Number of level 2 events

