

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 403 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 26 2009

See [axaff00403N001_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	1.779

Comments

Guide star slots 6 and 7 were not utilized in this observation.

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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	700075	Sequence number
obs_id	403	Observation id
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES	Proposal
observer	Prof Gordon Garmire	Principal investigator
object	NGC 4494	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.85125	Observer's specified target RA
dec_targ	25.773333	Observer's specified target Dec
ra_nom	187.86743891155	Nominal RA
dec_nom	25.799380237218	Nominal Dec
roll_nom	64.862036966966	Nominal Roll
revision	4	Processing version of data
ontime	1778.6819517985	Sum of GTIs [s]
livetime	1756.1592099311	Livetime [s]
ontime2	1778.6409117952	Sum of GTIs [s]
ontime3	1778.5588317961	Sum of GTIs [s]
ontime6	1778.5998717993	Sum of GTIs [s]
ontime7	1778.6819517985	Sum of GTIs [s]
ontime8	1778.5178117231	Sum of GTIs [s]
l2events	11562	Number of level 2 events

