

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 767 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff00767N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.158

Comments

The focal plane temperature is approximately -110C 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	500063	Sequence number
obs_id	767	Observation id
title	PROMPT AXAF OBSERVATIONS OF NEARBY SUPERNOVAE	Proposal title
observer	Prof. Walter Lewin	Principal investigator
object	SN1998S	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	176.52546	Observer's specified target RA
dec_targ	47.482167	Observer's specified target Dec
ra_nom	176.52762152853	Nominal RA
dec_nom	47.492254442665	Nominal Dec
roll_nom	92.496057973162	Nominal Roll
revision	4	Processing version of data
ontime	19155.077137195	Sum of GTIs [s]
livetime	18912.524016681	Livetime [s]
ontime2	19158.318097413	Sum of GTIs [s]
ontime3	19161.559057638	Sum of GTIs [s]
ontime6	19161.559057631	Sum of GTIs [s]
ontime7	19155.077137195	Sum of GTIs [s]
ontime8	19161.559057631	Sum of GTIs [s]
l2events	137648	Number of level 2 events

