

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 763 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See [axaff00763N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.03.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.655

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	500059	Sequence number
obs_id	763	Observation id
title	PROMPT AXAF OBSERVATIONS OF NEARBY SUPERNOVAE	Proposal title
observer	Prof. Walter Lewin	Principal investigator
object	SN1999em	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	70.366993	Observer's specified target RA
dec_targ	-2.859304	Observer's specified target Dec
ra_nom	70.366542525007	Nominal RA
dec_nom	-2.8594375298989	Nominal Dec
roll_nom	61.717787286101	Nominal Roll
revision	4	Processing version of data
ontime	29654.269949876	Sum of GTIs [s]
livetime	28993.224432808	Livetime [s]
ontime2	29650.546859801	Sum of GTIs [s]
ontime3	29654.146829873	Sum of GTIs [s]
ontime6	29654.187869877	Sum of GTIs [s]
ontime7	29654.269949876	Sum of GTIs [s]
ontime8	29654.105789877	Sum of GTIs [s]
l2events	118795	Number of level 2 events

