

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 765 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 26 2009

See [axaff00765N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.772

Comments

Focal plane temperature is warmer than -118.7 C degrees during the entire observation. This temperature is the upper limit of the verified ACIS calibration for the front-illuminated chips. The focal plane temperature is warmer than -116.7 degrees C for the entire observation. This temperature is the upper limit of the verified ACIS calibration for the back-illuminated chips. 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.

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This reprocessing of the data applies no CTI correction because none is available for that temperature.

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Window constraint met, monitor constraint met.

seq_num	500061	Sequence number
obs_id	765	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	70.36275	Observer's specified target RA
dec_targ	-2.862694	Observer's specified target Dec
ra_nom	70.366004518039	Nominal RA
dec_nom	-2.8663765915829	Nominal Dec
roll_nom	334.31483858931	Nominal Roll
revision	4	Processing version of data
ontime	35771.478179172	Sum of GTIs [s]
livetime	35318.518183469	Livetime [s]
ontime2	35771.437169097	Sum of GTIs [s]
ontime3	35768.114088953	Sum of GTIs [s]
ontime6	35768.155109033	Sum of GTIs [s]
ontime7	35771.478179172	Sum of GTIs [s]
ontime8	35764.832008965	Sum of GTIs [s]
l2events	237126	Number of level 2 events

