

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 466 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff00466N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.109

Comments

There was an incorrect boresight alignment calculation for this obsid.
The pointing is therefore inaccurate and not of the intended field.

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Focal plane temperature is approximately -100 C degrees during this observation. ACIS has not been calibrated at this temperature, because the focal plan temperature of -119.7 C degrees became the standard shortly

after the start of the mission. Both front and back illuminated chips are affected.

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.

This reprocessing

of the data applies no CTI correction because none is available for this temperature.

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seq_num	790027	Sequence number
obs_id	466	Observation id
title	Blank sky; mispointed calibration	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Blank Sky	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	47.6659	Observer's specified target RA
dec_targ	-76.8284	Observer's specified target Dec
ra_nom	47.945434728646	Nominal RA
dec_nom	-76.837274454349	Nominal Dec
roll_nom	77.964080980802	Nominal Roll
revision	2	Processing version of data
ontime	3109.0	Sum of GTIs [s]
livetime	2873.1701907437	Livetime [s]
ontime3	3109.0	Sum of GTIs [s]
l2events	1028	Number of level 2 events

