

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1270 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff01270N001_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	5.825

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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Charge time for this ObsId remains at previous value of 5.825 ksec,
although
with the current processing the charge time would have been 5.895 ksec.

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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

for this temperature.

seq_num	780220	Sequence number
obs_id	1270	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	47.944492349898	Nominal RA
dec_nom	-76.837386880041	Nominal Dec
roll_nom	78.536609211039	Nominal Roll
revision	2	Processing version of data
ontime	5895.0	Sum of GTIs [s]
liveltime	5447.8411947361	Livetime [s]
ontime3	5895.0	Sum of GTIs [s]
l2events	692	Number of level 2 events

