

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1271 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff01271N001_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	6.27

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 remains at previous value of 6.27 ksec, although with the
current

processing the charge time would have been 4.85 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	780221	Sequence number
obs_id	1271	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	47.945674810732	Nominal RA
dec_nom	-76.83725859072	Nominal Dec
roll_nom	77.846683591173	Nominal Roll
revision	2	Processing version of data
ontime	4856.5	Sum of GTIs [s]
liveltime	4488.1154812953	Livetime [s]
ontime3	4856.5	Sum of GTIs [s]
l2events	602	Number of level 2 events

