

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 1772 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Nov 20 2008

See axaff01772N002_VV002_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	7.507

Comments

The guide star in slot 7 was manually excluded from the processing due to poor data quality.

=====

This calibration observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the

1999-09-16 through 2000-01-28 period.

=====

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

=====

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 approximately the entire observation.

This temperature is the upper limit of the

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	590198
obs_id	1772
title	HRC RESPONSE TO CONTINUUM SOURCE.
observer	Dr. CXC Calibration
object	G21.5-0.9 [Chip I1, T=110, Offsets=-7,0,-1]
dtcycle	0
cycle	P
ra_targ	278.389583
dec_targ	-10.568528
ra_nom	278.27920664508
dec_nom	-10.622598373756
roll_nom	207.56930029058
revision	5
ontime	7507.2000069916
livetime	7412.1393202099
ontime0	7507.2000069916
ontime1	7507.2000069916
ontime2	7507.2000069916
ontime3	7507.2000069916
ontime6	7507.2000069916
ontime7	7507.2000069916
l2events	66647

