

# V&V Summary Report

## L2 ASCDS Version : 7.6.10

Observation 1773 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 18 2008

See axaff01773N002\_VV002\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2008.11.20
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	7.315

## Comments

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.

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

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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 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.

seq_num	590199
obs_id	1773
title	HRC RESPONSE TO CONTINUUM SOURCE.
observer	Dr. CXC Calibration
object	G21.5-0.9 [Chip I1, T=110, Offsets=-5,0,-1]
dtcycle	0
cycle	P
ra_targ	278.389583
dec_targ	-10.568528
ra_nom	278.30196698826
dec_nom	-10.611546311939
roll_nom	207.87174266115
revision	4
ontime	7315.2000068128
livetime	7222.5705396419
ontime0	7315.2000068128
ontime1	7315.2000068128
ontime2	7315.2000068128
ontime3	7315.2000068128
ontime6	7315.2000068128
ontime7	7315.2000068128
l2events	66726

