

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 1769 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 12 2008

See [axaff01769N002_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	7.516

Comments

Charge time for this ObsId remains at original value of 7.516 ks, although with the current processing the charge time would have been 7.510 ksec. 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 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	590195
obs_id	1769
title	HRC RESPONSE TO CONTINUUM SOURCE.
observer	Dr. CXC Calibration
object	G21.5-0.9 [Chip S3, T=110, Offsets=-1,0,3]
dtcycle	0
cycle	P
ra_targ	278.389583
dec_targ	-10.568528
ra_nom	278.36948913106
dec_nom	-10.575726825285
roll_nom	204.91005986037
revision	4
ontime	7510.4000069946
livetime	7415.2987998861
ontime0	7507.1590367556
ontime1	7510.4000069946
ontime2	7510.4000069946
ontime3	7510.4000069946
ontime6	7510.4000069946
ontime7	7510.4000069946
l2events	74481

