

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 1269 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 16 2009

See [axaff01269N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.945

## Comments

Focus test.

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The focal plane temperature is approximately -100 C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature, because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front and back illuminated chips are affected. However a T\_GAIN correction has been applied to the BI chips (ACIS-5 and ACIS-7) data included here.

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.

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seq_num	780219	Sequence number
obs_id	1269	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PG1634+70	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.620833	Observer's specified target RA
dec_targ	70.525556	Observer's specified target Dec
ra_nom	248.61138495049	Nominal RA
dec_nom	70.521244848393	Nominal Dec
roll_nom	258.61563166367	Nominal Roll
revision	3	Processing version of data
ontime	11948.32105843	Sum of GTIs [s]
livetime	10836.496515899	Livetime [s]
ontime7	11948.32105843	Sum of GTIs [s]
l2events	18286	Number of level 2 events

