

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 833 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff00833N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	51.862

## Comments

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 also warmer than -116.7 degrees C for 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	700138	Sequence number
obs_id	833	Observation id
title	THE ULTRA-HIGH VELOCITY (-56,000 KM/S) ABSORBER IN THE QSO PG2302+029	Proposal title
observer	Professor Frederick Hamann	Principal investigator
object	PG 2302+029	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	346.187083	Observer's specified target RA
dec_targ	3.196056	Observer's specified target Dec
ra_nom	346.19001864396	Nominal RA
dec_nom	3.186327684558	Nominal Dec
roll_nom	297.52729629015	Nominal Roll
revision	4	Processing version of data
ontime	51863.0	Sum of GTIs [s]
livetime	47928.98861452	Livetime [s]
ontime7	51863.0	Sum of GTIs [s]
l2events	42787	Number of level 2 events

