

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 850 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff00850N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.03.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.913

## Comments

Charge time:

Charge time for this ObsId remains at original value of 4.913 ksec, although with the current processing the charge time would have been 4.949 ksec.

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The focal plane temperature is approximately -110 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.

seq_num	700155	Sequence number
obs_id	850	Observation id
title	X-RAYS FROM RADIO-LOUD BROAD ABSORPTION LINE QSOS	Proposal title
observer	Prof. Michael Brotherton	Principal investigator
object	BAL 0256-0119	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	44.106667	Observer's specified target RA
dec_targ	-1.319972	Observer's specified target Dec
ra_nom	44.111680834194	Nominal RA
dec_nom	-1.3289979435086	Nominal Dec
roll_nom	309.79554066526	Nominal Roll
revision	4	Processing version of data
ontime	4948.7999815568	Sum of GTIs [s]
livetime	4488.3003641909	Livetime [s]
ontime7	4948.7999815568	Sum of GTIs [s]
l2events	2505	Number of level 2 events

