

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 86 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See [axaff00086N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.856

## 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	300011	Sequence number
obs_id	86	Observation id
title	SUPER-SOFT X-RAY SOURCES	Proposal title
observer	Dr Steve Murray	Principal investigator
object	AG DRA	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	240.420417	Observer's specified target RA
dec_targ	66.802778	Observer's specified target Dec
ra_nom	240.43759166498	Nominal RA
dec_nom	66.810386723119	Nominal Dec
roll_nom	59.095101737912	Nominal Roll
revision	3	Processing version of data
ontime	19856.0	Sum of GTIs [s]
livetime	18349.844743457	Livetime [s]
ontime6	19856.0	Sum of GTIs [s]
ontime7	19856.0	Sum of GTIs [s]
l2events	16474	Number of level 2 events

