

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 62206 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See [axaff62206N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9303931729719

## Comments

Focal plane temperature is approximately -110 C degrees during this observation. ACIS has not been calibrated at this temperature, because the focal plan temperature of -119.7 C degrees became the standard shortly

after the start of the mission. Both front and back illuminated chips are affected.

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.

This reprocessing

of the data applies no CTI correction because none is available for this temperature.

seq_num	&#160	Sequence number
obs_id	62206	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA
dec_targ	0.0	Observer's specified target Dec
ra_nom	201.6939409138	Nominal RA
dec_nom	-47.470521348599	Nominal Dec
roll_nom	66.068480848465	Nominal Roll
revision	3	Processing version of data
ontime	2930.3931729719	Sum of GTIs [s]
livetime	2893.2867701448	Livetime [s]
ontime4	1124.4807419106	Sum of GTIs [s]
ontime5	3118.3702214584	Sum of GTIs [s]
ontime6	1267.0453225449	Sum of GTIs [s]
ontime7	2930.3931729719	Sum of GTIs [s]
ontime8	1267.1274823323	Sum of GTIs [s]
ontime9	1205.3424723521	Sum of GTIs [s]
l2events	902812	Number of level 2 events