

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62358 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See [axaff62358N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.9201637089923

Comments

The focal plane temperature is approximately -110C during this observation.

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	 	Sequence number
obs_id	62358	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
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	112.13651347886	Nominal RA
dec_nom	80.026832145128	Nominal Dec
roll_nom	80.718918557363	Nominal Roll
revision	3	Processing version of data
ontime	3920.1637089923	Sum of GTIs [s]
livetime	3870.5242356698	Livetime [s]
ontime4	1370.8939181045	Sum of GTIs [s]
ontime5	4190.5468410179	Sum of GTIs [s]
ontime6	1614.0366363451	Sum of GTIs [s]
ontime7	3920.1637089923	Sum of GTIs [s]
ontime8	1601.0486888289	Sum of GTIs [s]
ontime9	1588.1083062887	Sum of GTIs [s]
l2events	1274381	Number of level 2 events