

V&V Summary Report

L2 ASCDS Version : 8.2.1

Observation 1193 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 13 2010

See axaff01193N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.944

Comments

ACIS very off-axis PSF measurement on I3.

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The focal plane temperature is approximately -100 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	280143	Sequence number
obs_id	1193	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.282020563343	Nominal RA
dec_nom	0.70105047796015	Nominal Dec
roll_nom	96.959244768707	Nominal Roll
revision	3	Processing version of data
ontime	1944.6210842356	Sum of GTIs [s]
livetime	1849.7299383959	Livetime [s]
ontime3	1944.6210842356	Sum of GTIs [s]
l2events	19360	Number of level 2 events

