

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 521 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 20 2009

See axaff00521N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	54.166

Comments

This reprocessing of the data
applies no
CTI correction because none is available for that temperature.

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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 warmer than -116.7 degrees C for approximately 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. slot 1 has
high median value

seq_num	800029	Sequence number
obs_id	521	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	CL 0107+31	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	15.575	Observer's specified target RA
dec_targ	31.789	Observer's specified target Dec
ra_nom	15.515258978514	Nominal RA
dec_nom	31.800534140952	Nominal Dec
roll_nom	210.23976141439	Nominal Roll
revision	4	Processing version of data
ontime	54165.746913813	Sum of GTIs [s]
livetime	53479.867611693	Livetime [s]
ontime0	54165.870033808	Sum of GTIs [s]
ontime1	54162.588003665	Sum of GTIs [s]
ontime2	54165.787953809	Sum of GTIs [s]
ontime3	54165.746913813	Sum of GTIs [s]
ontime7	54165.911073811	Sum of GTIs [s]
l2events	506327	Number of level 2 events

