

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 624 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 26 2009

See axaff00624N001_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.166

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 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.

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

seq_num	200049	Sequence number
obs_id	624	Observation id
title	THE END OF STELLAR CORONAE?	Proposal title
observer	Prof. Gibor Basri	Principal investigator
object	LP 944-20	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.894583	Observer's specified target RA
dec_targ	-35.430556	Observer's specified target Dec
ra_nom	54.904412780559	Nominal RA
dec_nom	-35.436885201396	Nominal Dec
roll_nom	332.5389836876	Nominal Roll
revision	4	Processing version of data
ontime	44163.159050994	Sum of GTIs [s]
livetime	43603.938539228	Livetime [s]
ontime2	44163.159180626	Sum of GTIs [s]
ontime3	44166.400041133	Sum of GTIs [s]
ontime6	44156.677160472	Sum of GTIs [s]
ontime7	44163.159050994	Sum of GTIs [s]
ontime8	44163.159080923	Sum of GTIs [s]
l2events	380512	Number of level 2 events

