

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 96 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See axaff00096N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.078

Comments

Charge time for this ObsId remains at original value of 19.078 ksec, although with the current processing the charge time would have been 19.180 ksec.

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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 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	400009	Sequence number
obs_id	96	Observation id
title	BLACK HOLE EVENT HORIZONS	Proposal title
observer	Dr Steve Murray	Principal investigator
object	GS 2000+25	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	300.706667	Observer's specified target RA
dec_targ	25.236472	Observer's specified target Dec
ra_nom	300.70619743862	Nominal RA
dec_nom	25.231199807384	Nominal Dec
roll_nom	288.32601084256	Nominal Roll
revision	4	Processing version of data
ontime	19179.790043943	Sum of GTIs [s]
livetime	18936.923993723	Livetime [s]
ontime0	19179.954203941	Sum of GTIs [s]
ontime1	19179.913163938	Sum of GTIs [s]
ontime2	19179.872123942	Sum of GTIs [s]
ontime3	19179.790043943	Sum of GTIs [s]
ontime6	19173.349183515	Sum of GTIs [s]
l2events	74926	Number of level 2 events

