

V&V Summary Report

L2 ASCDS Version : 8.2.1

Observation 386 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 29 2010

See axaff00386N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.02.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.152

Comments

Charge time for this ObsId remains at original value of 1.152 ksec, although with the current processing the charge time would have been 1.149 ksec.

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The focal plane temperature is approximately -110C 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	700058	Sequence number
obs_id	386	Observation id
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES	Proposal
observer	Prof Gordon Garmire	Principal investigator
object	NGC 1055	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	40.438333	Observer's specified target RA
dec_targ	0.441667	Observer's specified target Dec
ra_nom	40.445829074274	Nominal RA
dec_nom	0.41296121212435	Nominal Dec
roll_nom	288.3197631886	Nominal Roll
revision	3	Processing version of data
ontime	1148.8000010699	Sum of GTIs [s]
livetime	1134.253203732	Livetime [s]
ontime2	1148.8000010699	Sum of GTIs [s]
ontime3	1148.8000010699	Sum of GTIs [s]
ontime6	1148.8000010699	Sum of GTIs [s]
ontime7	1148.8000010699	Sum of GTIs [s]
ontime8	1148.8000010699	Sum of GTIs [s]
l2events	30420	Number of level 2 events

