

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 388 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff00388N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.164

Comments

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	700060	Sequence number
obs_id	388	Observation id
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES	Proposal
observer	Prof Gordon Garmire	Principal investigator
object	NGC 2787	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	139.82875	Observer's specified target RA
dec_targ	69.202917	Observer's specified target Dec
ra_nom	139.76677691257	Nominal RA
dec_nom	69.223070037068	Nominal Dec
roll_nom	141.56473061661	Nominal Roll
revision	4	Processing version of data
ontime	1163.7836326286	Sum of GTIs [s]
livetime	1149.0471035259	Livetime [s]
ontime2	1163.7425926253	Sum of GTIs [s]
ontime3	1163.6605126262	Sum of GTIs [s]
ontime6	1163.7015526295	Sum of GTIs [s]
ontime7	1163.7836326286	Sum of GTIs [s]
ontime8	1163.6194726303	Sum of GTIs [s]
l2events	7486	Number of level 2 events

