

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 419 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See [axaff00419N001\\_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	29.164

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

seq_num	700091	Sequence number
obs_id	419	Observation id
title	A SURVEY OF GRAVITATIONALLY LENSED QUASARS	Proposal title
observer	Prof Gordon Garmire	Principal investigator
object	RX J0911.4+0551	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	137.864583	Observer's specified target RA
dec_targ	5.847778	Observer's specified target Dec
ra_nom	137.8677099173	Nominal RA
dec_nom	5.8516845372778	Nominal Dec
roll_nom	74.197663676153	Nominal Roll
revision	4	Processing version of data
ontime	29163.992664188	Sum of GTIs [s]
livetime	28794.700628626	Livetime [s]
ontime0	29163.951624185	Sum of GTIs [s]
ontime1	29160.66963397	Sum of GTIs [s]
ontime2	29160.628583975	Sum of GTIs [s]
ontime3	29160.587514043	Sum of GTIs [s]
ontime7	29163.992664188	Sum of GTIs [s]
l2events	197309	Number of level 2 events

