

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 315 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff00315N001_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	73.171

Comments

PSF of sources in galaxy are very slightly compromised due to offset.

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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. No CTI

correction has been applied because there is no correction available at these focal plane temperatures.

seq_num	600075	Sequence number
obs_id	315	Observation id
title	THE ANTENNAE	Proposal title
observer	Dr Steve Murray	Principal investigator
object	NGC 4038/NGC 4039	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	180.47375	Observer's specified target RA
dec_targ	-18.876528	Observer's specified target Dec
ra_nom	180.48613609246	Nominal RA
dec_nom	-18.840483952614	Nominal Dec
roll_nom	75.00267338132	Nominal Roll
revision	4	Processing version of data
ontime	73168.000068143	Sum of GTIs [s]
livetime	72241.5027948	Livetime [s]
ontime2	73151.795317002	Sum of GTIs [s]
ontime3	73151.795316979	Sum of GTIs [s]
ontime6	73155.036237344	Sum of GTIs [s]
ontime7	73168.000068143	Sum of GTIs [s]
ontime8	73158.277327202	Sum of GTIs [s]
l2events	634221	Number of level 2 events

