

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 802 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff00802N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.435

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 also 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.

seq_num	600105	Sequence number
obs_id	802	Observation id
title	THE EVOLUTION OF ISOLATED ELLIPTICAL GALAXIES	Proposal title
observer	Prof. Ann Zabludoff	Principal investigator
object	NGC 7618	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	349.947083	Observer's specified target RA
dec_targ	42.852139	Observer's specified target Dec
ra_nom	349.94816450731	Nominal RA
dec_nom	42.841970457601	Nominal Dec
roll_nom	285.25846339702	Nominal Roll
revision	4	Processing version of data
ontime	18435.159056962	Sum of GTIs [s]
livetime	18201.721972662	Livetime [s]
ontime2	18438.400017172	Sum of GTIs [s]
ontime3	18438.400017172	Sum of GTIs [s]
ontime6	18435.159056962	Sum of GTIs [s]
ontime7	18435.159056962	Sum of GTIs [s]
ontime8	18438.400017172	Sum of GTIs [s]
l2events	263112	Number of level 2 events

