

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1519 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See [axaff01519N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.15

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	300022	Sequence number
obs_id	1519	Observation id
title	X-RAY CONSTRAINTS ON THE BINARY STAR POPULATIONS IN OMEGA CENTAURI	
observer	Dr Adrienne Cool	Principal investigator
object	NGC 5139	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.69125	Observer's specified target RA
dec_targ	-47.476944	Observer's specified target Dec
ra_nom	201.69679919359	Nominal RA
dec_nom	-47.473424381833	Nominal Dec
roll_nom	66.212778429669	Nominal Roll
revision	3	Processing version of data
ontime	44149.281807654	Sum of GTIs [s]
livetime	43590.237017899	Livetime [s]
ontime0	44152.686738305	Sum of GTIs [s]
ontime1	44159.127648667	Sum of GTIs [s]
ontime2	44159.086668521	Sum of GTIs [s]
ontime3	44149.281807654	Sum of GTIs [s]
ontime6	44155.804648377	Sum of GTIs [s]
l2events	166744	Number of level 2 events

