

V&V Summary Report

L2 ASCDS Version : 8.3.2.1

Observation 1302 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 28 2010

See [axaff01302N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.708

Comments

The ACIS focal plane temperature is warmer than -118.7 C degrees during the interval 54250018.70 - 54265775.50 (MET s) of this 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 C during the interval 54250018.70 - 54265775.50 (MET s) of this 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 (e.g., 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	700033	Sequence number
obs_id	1302	Observation id
title	ACIS IMAGING OF THE STARBURST GALAXY M82	Proposal title
observer	Dr Steve Murray	Principal investigator
object	M82	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	148.962917	Observer's specified target RA
dec_targ	69.679167	Observer's specified target Dec
ra_nom	148.97863192883	Nominal RA
dec_nom	69.679798245735	Nominal Dec
roll_nom	30.62900003526	Nominal Roll
revision	3	Processing version of data
ontime	15714.198632851	Sum of GTIs [s]
livetime	15515.215987808	Livetime [s]
ontime0	15720.80365327	Sum of GTIs [s]
ontime1	15717.521692984	Sum of GTIs [s]
ontime2	15717.480642982	Sum of GTIs [s]
ontime3	15714.198632851	Sum of GTIs [s]
ontime6	15717.398533054	Sum of GTIs [s]
ontime7	15720.844693273	Sum of GTIs [s]
l2events	169409	Number of level 2 events

