

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 361 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 17 2009

See [axaff00361N001-VV001_vvref2.pdf](#) for the full report

V&V Scientist	John Houck
V&V Date (YYYY-MM-DD)	2009.11.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.68

Comments

The fid light in slot 2 was removed from the aspect solution due to poor data quality. The aspect solution is not expected to be degraded by removing one fid light or guide star from the solution.

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 throughout 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 (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	700033	Sequence number
obs_id	361	Observation id
title	ACIS IMAGING OF THE STARBURST GALAXY M82	Proposal title
observer	Prof Gordon Garmire	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	148.97856535585	Nominal RA
dec_nom	69.67975518202	Nominal Dec
roll_nom	30.280689180408	Nominal Roll
revision	3	Processing version of data
ontime	33675.816986345	Sum of GTIs [s]
livetime	33249.393514521	Livetime [s]
ontime0	33685.539737359	Sum of GTIs [s]
ontime1	33704.985747933	Sum of GTIs [s]
ontime2	33695.262717716	Sum of GTIs [s]
ontime3	33675.816986345	Sum of GTIs [s]
ontime6	33753.600031435	Sum of GTIs [s]
ontime7	33753.600031435	Sum of GTIs [s]
l2events	372115	Number of level 2 events

