

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 1386 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See [axaff01386N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.03.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.534

Comments

The focal plane temperature is approximately -110 C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature, because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front and back illuminated chips are affected. However a T_GAIN correction has been applied to the BI chips (ACIS-5 and ACIS-7) data included here.

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	880336	Sequence number
obs_id	1386	Observation id
title	MASS DISTRIBUTIONS OF RELAXED CLUSTERS	Proposal title
observer	Dr Steve Murray	Principal investigator
object	A2256	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	256.04479	Observer's specified target RA
dec_targ	78.631	Observer's specified target Dec
ra_nom	256.0491580103	Nominal RA
dec_nom	78.625765648009	Nominal Dec
roll_nom	302.64804538805	Nominal Roll
revision	3	Processing version of data
ontime	12534.027481832	Sum of GTIs [s]
liveltime	12375.314078771	Livetime [s]
ontime0	12537.391562045	Sum of GTIs [s]
ontime1	12537.350522049	Sum of GTIs [s]
ontime2	12534.068551756	Sum of GTIs [s]
ontime3	12534.027481832	Sum of GTIs [s]
ontime7	12534.19164183	Sum of GTIs [s]
ontime8	12537.227402046	Sum of GTIs [s]
l2events	279446	Number of level 2 events

