

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 784 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff00784N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.763

## 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 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. This reprocessing of the data applies no CTI correction because none is available for that temperature.

seq_num	600087	Sequence number
obs_id	784	Observation id
title	RESOLVING THE MYSTERY OF X-RAY FAINT ELLIPTICAL GALAXIES	Proposal
observer	Dr. Craig Sarazin	Principal investigator
object	NGC 4697	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	192.145833	Observer's specified target RA
dec_targ	-5.789167	Observer's specified target Dec
ra_nom	192.15588196762	Nominal RA
dec_nom	-5.7704303913953	Nominal Dec
roll_nom	67.12063106934	Nominal Roll
revision	4	Processing version of data
ontime	39765.648942463	Sum of GTIs [s]
livetime	39262.112351554	Livetime [s]
ontime2	39765.607932396	Sum of GTIs [s]
ontime3	39772.007802747	Sum of GTIs [s]
ontime6	39772.04884275	Sum of GTIs [s]
ontime7	39765.648942463	Sum of GTIs [s]
ontime8	39768.72583247	Sum of GTIs [s]
l2events	272998	Number of level 2 events

