

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 409 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 26 2009

See [axaff00409N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.776

## 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	700081	Sequence number
obs_id	409	Observation id
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES	Proposal
observer	Prof Gordon Garmire	Principal investigator
object	NGC 4725	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	192.610833	Observer's specified target RA
dec_targ	25.501667	Observer's specified target Dec
ra_nom	192.62802598168	Nominal RA
dec_nom	25.527188518657	Nominal Dec
roll_nom	62.81779032826	Nominal Roll
revision	4	Processing version of data
ontime	1774.6857969388	Sum of GTIs [s]
livetime	1752.2136567905	Livetime [s]
ontime2	1774.6447569355	Sum of GTIs [s]
ontime3	1774.5626769364	Sum of GTIs [s]
ontime6	1774.6037169397	Sum of GTIs [s]
ontime7	1774.6857969388	Sum of GTIs [s]
ontime8	1774.5215372369	Sum of GTIs [s]
l2events	11961	Number of level 2 events

