

# V&V Summary Report

## L2 ASCDS Version : 7.6.10

Observation 751 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 14 2007

See axaff00751N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2007.06.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	32.465

## Comments

This observation was taken at a focal plane temperature of -110 degrees C.

There is currently no accurate calibration for observations at this focal plane temperature. 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.

seq_num	500047
obs_id	751
title	RADIO-SILENT NEUTRON STARS IN SUPERNOVA REMNANTS
observer	Dr. George Pavlov
object	1E 1207.4-5209
ra_targ	182.503333
dec_targ	-52.440278
ra_nom	182.51303365515
dec_nom	-52.432003529541
roll_nom	65.202152319961
revision	3
ontime	32485.291850545
livetime	32358.396179253
ontime5	32486.75
ontime6	32486.75
ontime7	32485.291850545
ontime8	32486.75
ontime9	32486.75
l2events	443109

