

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 1803 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 20 2008

See axaff01803N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2008.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.083

Comments

This calibration observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the

1999-09-16 through 2000-01-28 period.

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

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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 approximately 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
calibration observation was acquired with the focal plane temperature
raised from -120C to -110C, for attempted recalibration of ACIS for the

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seq_num	590216
obs_id	1803
title	ACIS CHIP RESPONSE TO LINES WITH E=0.6-1.5 KEV
observer	Dr. CXC Calibration
object	E0102-72.3 [Chip S3, T=110, Offsets=-1,2,0]
dtcycle	0
cycle	P
ra_targ	16.01
dec_targ	-72.032028
ra_nom	16.108841744081
dec_nom	-72.004842806414
roll_nom	101.04047943542
revision	4
ontime	8083.2000075281
livetime	7980.845661914
ontime2	8083.2000075281
ontime3	8083.2000075281
ontime5	8083.2000075281
ontime6	8083.2000075281
ontime7	8083.2000075281
ontime8	8083.2000075281
l2events	146795

