

# V&V Summary Report

## L2 ASCDS Version : 7.6.8

Observation 3780 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jul 18 2006

See [axaff03780N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	97.721

## Comments

Focal plane temperature is warmer than -118.7 degrees C during first approximately 3 ksec of the observation.

The ACIS spectral response calibration for the front-illuminated chips is less accurate at these warmer temperatures than it is at -119.7 C. The back-illuminated chips are unaffected at this temperature. Users whose science objectives depend on the most accurate spectral response (ie: fitting line-rich spectra) may notice an effect if they use data from a front-illuminated chip. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

The original processing of this obsid used the telemetered data from the recorder that had a bias map with a data gap. That bias file was replaced in the original processing with bias file constructed by scaling a similar bias file from another observation to fill the data gap. For this processing, realtime data from the satellite was used to fill data gaps from the recorder. All bias maps are complete in this version of the

processing and there was no need to construct a replacement bias.

seq_num	300105
obs_id	3780
title	X-RAYING BAADE'S WINDOW THROUGH THE GALACTIC BULGE
observer	Prof. Jonathan Grindlay
object	BAADE'S WINDOW FIELD 1
dtcycle	0
cycle	P
ra_targ	270.819333
dec_targ	-29.959467
ra_nom	270.81923644226
dec_nom	-29.96408702034
roll_nom	291.9643040463
revision	3
ontime	97727.876715034
livetime	96490.387495406
ontime0	97724.635734737
ontime1	97731.117695272
ontime2	97724.635734767
ontime3	97727.876715034
ontime6	97727.876714975
ontime7	97731.11771521
l2events	699876

