V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 9884 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 17 2012

See axaff09884N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.7587998

Comments

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The grating spectra are visible in an image made from bad events. This
means that the grating spectra are piled.
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Zeroth order piled up. Standard data processing software did not
correctly locate the zeroth order due to pileup. Manual intervention was
used to input the correct sky coordinates (x=4127.24, y=4113.07) into
the *src1a.fits file table. These corrected coordinates were determined
using a software tool developed by CXC called findzero, which is
expected to be released in CIAO (currently in ISIS). The tool calculates
the point of intersection of the readout streak and the meg arm
(preferred position), or the readout streak and the heg arm. The zeroth
order source position determined by the standard pipeline processing
using the tool tgdetect was not used in this processing. The newly
determined zeroth order coordinates have been placed in the *src1a.fits
file, replacing the coordinates determined by tgdetect. Note that these
corrected coordinates of the zeroth order cannot be reproduced by
running tgdetect on the data.
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seq_num	400893	Sequence number
obs_id	9884	Observation id
title	Understanding the nature of high inclination low mass X-ray binaries: broad-band and line spectra from A1744-361	Proposal title
observer	Dr. Tod Strohmayer	Principal investigator
object	A1744-361	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.054583	Observer's specified target RA [deg]
dec_targ	-36.132833	Observer's specified target Dec [deg]
ra_nom	267.05986950752	Nominal RA [deg]
dec_nom	-36.135112991108	Nominal Dec [deg]
roll_nom	300.15974213192	Nominal Roll [deg]
revision	2	Processing version of data
ontime	24758.799826443	Sum of GTIs [s]
livetime	24175.182479985	Livetime [s]
ontime4	24758.799826443	Sum of GTIs [s]
ontime5	24758.799826443	Sum of GTIs [s]
ontime6	24715.274143994	Sum of GTIs [s]
ontime7	24758.799826443	Sum of GTIs [s]
ontime8	24711.792113662	Sum of GTIs [s]
ontime9	24758.799826443	Sum of GTIs [s]
l2events	1090967	Number of level 2 events