V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 6471 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 30 2012

See axaff06471N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.045

Comments

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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=4100.26, y=4086.16) 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	290564	Sequence number
obs_id	6471	Observation id
title	AO7 Calibration Observations of Capella	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	79.17625	Observer's specified target RA [deg]
dec_targ	45.997889	Observer's specified target Dec [deg]
ra_nom	79.173278054354	Nominal RA [deg]
dec_nom	45.998661666061	Nominal Dec [deg]
roll_nom	290.6387237842	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30043.920527697	Sum of GTIs [s]
livetime	29558.685152237	Livetime [s]
ontime4	30043.9615677	Sum of GTIs [s]
ontime5	30043.879487693	Sum of GTIs [s]
ontime6	30043.83844769	Sum of GTIs [s]
ontime7	30043.920527697	Sum of GTIs [s]
ontime8	30043.797407687	Sum of GTIs [s]
ontime9	30043.756367713	Sum of GTIs [s]
l2events	413013	Number of level 2 events