V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 11058 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jun 21 2012

See axaff11058N004_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	78.725299448013

Comments

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Optical monitoring of target in guide star slot 7.
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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=4065.03, y=4084.54) 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	401093	Sequence number
obs_id	11058	Observation id
title	Spectroscopy of the Resurgent Ultracompact Binary 4U 1626-67	Propo
observer	Prof. Deepto Chakrabarty	Principal investigator
object	4U 1626-67	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.069583	Observer's specified target RA [deg]
dec_targ	-67.461667	Observer's specified target Dec [deg]
ra_nom	248.0582000534	Nominal RA [deg]
dec_nom	-67.459548283778	Nominal Dec [deg]
roll_nom	122.49701520599	Nominal Roll [deg]
revision	4	Processing version of data
ontime	78725.299448013	Sum of GTIs [s]
livetime	76869.577414432	Livetime [s]
ontime4	78725.299448013	Sum of GTIs [s]
ontime5	78725.299448013	Sum of GTIs [s]
ontime6	78723.558437824	Sum of GTIs [s]
ontime7	78725.299448013	Sum of GTIs [s]
ontime8	78723.558437824	Sum of GTIs [s]
ontime9	78721.817387938	Sum of GTIs [s]
l2events	1247480	Number of level 2 events