V&V Summary Report
L2 ASCDS Version : 8.5

Observation 4585 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 14 2012

See axaff04585N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.155

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=4082.51, y=4105.16) into
the *src1a.fits file table. These corrected coordinates were determined
using a software tool developed by CXC called tg_findzo, available in
CIAO. The tool calculates the point of intersection of the readout
streak and the meg 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	400367	Sequence number
obs_id	4585	Observation id
title	Using the Intensity Dips in Hercules X-1 to Probe the Inner Accretion Disk	Proposal title
observer	Dr. Mario Jimenez-Garate	Principal investigator
object	Her X-1	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	254.4575	Observer's specified target RA [deg]
dec_targ	35.342389	Observer's specified target Dec [deg]
ra_nom	254.45520650364	Nominal RA [deg]
dec_nom	35.341137240551	Nominal Dec [deg]
roll_nom	346.6877073538	Nominal Roll [deg]
revision	3	Processing version of data
ontime	20155.0	Sum of GTIs [s]
livetime	19829.479268331	Livetime [s]
ontime4	20155.0	Sum of GTIs [s]
ontime5	20155.0	Sum of GTIs [s]
ontime6	20155.0	Sum of GTIs [s]
ontime7	20155.0	Sum of GTIs [s]
ontime8	20155.0	Sum of GTIs [s]
ontime9	20155.0	Sum of GTIs [s]
l2events	275004	Number of level 2 events