V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13220 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 21 2012

See axaff13220N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.571200424194

Comments

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Exclusion window for zeroth order excludes 9 out of every 10 events to
reduce pileup. However, the spectra appear strongly in the Level 1 Bad
Events image, and so may have significant pileup.
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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=4125.57, y=4118.33) 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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The requested large SIM motion resulted in a large offset in the
position
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of the fid light in slot 0.

Comments for Obi 0
Fid in slot 0 radial offset > 0.400000 arcsec

seq_num	900982	Sequence number
obs_id	13220	Observation id
title	ISM Absorption and Broad Line Emission in the Bright Z-Source GX 349+1	Proposal title
observer	Prof Claude Canizares	Principal investigator
object	GX 349+2	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	256.435417	Observer's specified target RA [deg]
dec_targ	-36.423083	Observer's specified target Dec [deg]
ra_nom	256.44025240914	Nominal RA [deg]
dec_nom	-36.425966475648	Nominal Dec [deg]
roll_nom	291.85345513871	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19571.200424194	Sum of GTIs [s]
livetime	18867.279382505	Livetime [s]
ontime4	19571.200424194	Sum of GTIs [s]
ontime5	19571.200424194	Sum of GTIs [s]
ontime6	19571.200424194	Sum of GTIs [s]
ontime7	19571.200424194	Sum of GTIs [s]
ontime8	19571.200424194	Sum of GTIs [s]
ontime9	19571.200424194	Sum of GTIs [s]
l2events	2804935	Number of level 2 events