V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13103 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 21 2012

See axaff13103N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.7684998335838

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=4121.09, y=3945.17) 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	790233	Sequence number
obs_id	13103	Observation id
title	AO-12 Calibration Observations of Mkn421	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	MKN421	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.113333	Observer's specified target RA [deg]
dec_targ	38.208806	Observer's specified target Dec [deg]
ra_nom	166.11803362547	Nominal RA [deg]
dec_nom	38.229489932612	Nominal Dec [deg]
roll_nom	267.13000993802	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9768.4998335838	Sum of GTIs [s]
livetime	9227.5044309466	Livetime [s]
ontime4	9768.4998335838	Sum of GTIs [s]
ontime5	9768.4937990904	Sum of GTIs [s]
ontime6	9768.4527590871	Sum of GTIs [s]
ontime7	9768.4998335838	Sum of GTIs [s]
ontime8	9768.4117190838	Sum of GTIs [s]
ontime9	9768.3706790805	Sum of GTIs [s]
l2events	148084	Number of level 2 events