V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 2087 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 18 2012

See axaff02087N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	58.691

Comments

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Coordinated with HST.
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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=4092.07, y=4024.5) 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 as tg_findzo (currently in ISIS as
findzo). 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	700277	Sequence number
obs_id	2087	Observation id
title	SIMULTANEOUS HST AND CHANDRA OBSERVATIONS OF THE X-RAY/UV ABSORBERS IN SEYFERT 1 GALAXIES	Proposal title
observer	Dr. Tahir Yaqoob	Principal investigator
object	MKN 509	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	311.040833	Observer's specified target RA [deg]
dec_targ	-10.723417	Observer's specified target Dec [deg]
ra_nom	311.04004313316	Nominal RA [deg]
dec_nom	-10.713659911571	Nominal Dec [deg]
roll_nom	104.82264976784	Nominal Roll [deg]
revision	3	Processing version of data
ontime	58689.98124893	Sum of GTIs [s]
livetime	57946.813367492	Livetime [s]
ontime4	58686.781298772	Sum of GTIs [s]
ontime5	58689.940378532	Sum of GTIs [s]
ontime6	58689.899168938	Sum of GTIs [s]
ontime7	58689.98124893	Sum of GTIs [s]
ontime8	58689.858128935	Sum of GTIs [s]
ontime9	58689.817088932	Sum of GTIs [s]
l2events	601688	Number of level 2 events