V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 1895 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 12 2012

See axaff01895N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	52.473

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=4061.66, y=4033.82) 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	200123	Sequence number
obs_id	1895	Observation id
title	HIGH RESOLUTION X-RAY SPECTROSCOPY OF GAMMA CASSIOPEIA	Proposal ti
observer	Dr. Myron Smith	Principal investigator
object	GAMMA CAS	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	14.177083	Observer's specified target RA [deg]
dec_targ	60.71675	Observer's specified target Dec [deg]
ra_nom	14.167536012105	Nominal RA [deg]
dec_nom	60.725297041874	Nominal Dec [deg]
roll_nom	128.8987016801	Nominal Roll [deg]
revision	4	Processing version of data
ontime	52473.039169058	Sum of GTIs [s]
livetime	51236.138507673	Livetime [s]
ontime4	52490.44913049	Sum of GTIs [s]
ontime5	52473.039119199	Sum of GTIs [s]
ontime6	52485.226130068	Sum of GTIs [s]
ontime7	52473.039169058	Sum of GTIs [s]
ontime8	52485.226080239	Sum of GTIs [s]
ontime9	52486.967100367	Sum of GTIs [s]
l2events	511949	Number of level 2 events