V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 3177 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Nov 9 2012

See axaff03177N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.156

Comments

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Non-standard grating/detector combination required custom parameters.
Used flat order-sorting in tg_resolve_events, since there is no 'osip'
table for ACIS-I. === pset grt_lev15 osipfile=none=== pset grt_lev15
osort_lo=0.3=== pset grt_lev15 osort_hi=0.3=== === 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=4140.06, y=4307.56) into the *src1a.fits file
table. These corrected coordinates were determined by eye because
neither the pipeline tool tgdetect nor the findzero tool was successful
in identifying the piled up zeroth order so close to a chip boundary.
The determination of the position by eye is expected to be in error by
up to 1-2 pixels. 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	790071	Sequence number
obs_id	3177	Observation id
title	AO3 LETG/ACIS-I CALIBRATION OBSERVATIONS OF PKS2155-304	Proposal t
observer	Dr. CXC Calibration	Principal investigator
object	PKS2155-304	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	329.716667	Observer's specified target RA [deg]
dec_targ	-30.225556	Observer's specified target Dec [deg]
ra_nom	329.72386033145	Nominal RA [deg]
dec_nom	-30.254283274481	Nominal Dec [deg]
roll_nom	285.91825850265	Nominal Roll [deg]
revision	5	Processing version of data
ontime	8156.3571844548	Sum of GTIs [s]
livetime	8053.0764786166	Livetime [s]
ontime0	8156.3161444515	Sum of GTIs [s]
ontime1	8156.3571844548	Sum of GTIs [s]
ontime2	8156.3982244581	Sum of GTIs [s]
ontime3	8156.4392644465	Sum of GTIs [s]
ontime6	8156.5213444531	Sum of GTIs [s]
ontime7	8156.4803044498	Sum of GTIs [s]
l2events	80640	Number of level 2 events