V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 3170 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 26 2012

See axaff03170N003_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	7.756

Comments

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=4002.5, y=3839.0) 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.

seq_num	790064		Sequence number
obs_id	3170		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	329.70208329324		Nominal RA [deg]
dec_nom	-30.190360840102		Nominal Dec [deg]
roll_nom	287.03130457439		Nominal Roll [deg]
revision	5		Processing version of data
ontime	7753.5752454102		Sum of GTIs [s]
livetime	7655.3948070103		Livetime [s]
ontime0	7753.4931654036		Sum of GTIs [s]
ontime1	7753.5342054069		Sum of GTIs [s]
ontime2	7753.5752454102		Sum of GTIs [s]
ontime3	7753.6000072062		Sum of GTIs [s]
ontime6	7753.6000072062		Sum of GTIs [s]
ontime7	7753.6000072062		Sum of GTIs [s]
l2events	77279		Number of level 2 events