

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9704 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 15 2012

See axaff09704N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.3950994

Comments

Gain and CTI correction are not well calibrated on CCD_ID 5 (ACIS-S1). Default order sorting can clip some regions, particularly longward of 30A (first order). User-specified custom processing parameters may be required in `tg_resolve_events` (`osipfile=none`, `osort_lo`, `osort_hi ~0.5`) though this can allow more zeroth order background at short wavelengths.

===Source is piled up, but software tool `tgdetect` did a good job of finding the zeroth order position.

seq_num	790181	Sequence number
obs_id	9704	Observation id
title	AO9 Calibration Observations of PKS2155-304	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS2155-304	Source name
dtcycle	0	
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	329.72248151512	Nominal RA [deg]
dec_nom	-30.246008340828	Nominal Dec [deg]
roll_nom	110.92641474988	Nominal Roll [deg]
revision	3	Processing version of data
ontime	29395.099499345	Sum of GTIs [s]
livetime	27767.151097837	Livetime [s]
ontime4	29394.358459353	Sum of GTIs [s]
ontime5	29395.099499345	Sum of GTIs [s]
ontime6	29395.099499345	Sum of GTIs [s]
ontime7	29395.099499345	Sum of GTIs [s]
ontime8	29394.358459353	Sum of GTIs [s]
ontime9	29395.099499345	Sum of GTIs [s]
l2events	237104	Number of level 2 events

