

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 5331 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 4 2012

See axaff05331N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	69.504

Comments

Target placed at the very edge of the subarray, so that the dispersed spectrum runs along the edge of the subarray. Target off-axis. Zeroth order piled up.

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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.

seq_num	790095	Sequence number
obs_id	5331	Observation id
title	Measuring the spatial variation in the depth and composition of the ACIS contaminant with PKS 2155-304.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Mkn 421	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.126421	Observer's specified target RA [deg]
dec_targ	38.22717	Observer's specified target Dec [deg]
ra_nom	166.1344919247	Nominal RA [deg]
dec_nom	38.248512457948	Nominal Dec [deg]
roll_nom	273.30764004627	Nominal Roll [deg]
revision	3	Processing version of data
ontime	69504.00103569	Sum of GTIs [s]
livetime	66112.433211919	Livetime [s]
ontime4	69504.00103569	Sum of GTIs [s]
ontime5	69504.00103569	Sum of GTIs [s]
ontime6	69504.00103569	Sum of GTIs [s]
ontime7	69504.00103569	Sum of GTIs [s]
ontime8	69504.00103569	Sum of GTIs [s]
ontime9	69504.00103569	Sum of GTIs [s]
l2events	930404	Number of level 2 events

