

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 15475 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See axaff15475N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.11.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.054499488115

Comments

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

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Zeroth order piled up. The zeroth order sky position was determined using a software tool developed by CXC called findzero, which is available in CIAO as part of the tgdetect2 tool. The tool calculates the point of intersection of the readout streak on the ACIS CCD and the meg dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case.

seq_num	790251	Sequence number
obs_id	15475	Observation id
title	AO-14 LETG/ACIS-S Calibration Observations of PKS2155-304	Proposal
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	329.72466113488	Nominal RA [deg]
dec_nom	-30.245431863833	Nominal Dec [deg]
roll_nom	116.28909775905	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30054.499488115	Sum of GTIs [s]
livetime	28390.032443162	Livetime [s]
ontime4	30054.499488115	Sum of GTIs [s]
ontime5	30054.499488115	Sum of GTIs [s]
ontime6	30054.467455864	Sum of GTIs [s]
ontime7	30054.499488115	Sum of GTIs [s]
ontime8	30054.426415861	Sum of GTIs [s]
ontime9	30054.385375857	Sum of GTIs [s]
l2events	93293	Number of level 2 events

