

V&V Summary Report

L2 ASCDS Version : 10.4.1

Observation 17393 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 17 2015

See axaff17393N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.03

Comments

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.

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The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this guide star from the solution.

seq_num	790284	Sequence number
obs_id	17393	Observation id
title	AO-16 LETG/ACIS-S Calibration Observations of PKS2155-304	Proposal
observer	Dr. CXC Calibration	Principal investigator
object	3C273	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.277917	Observer's specified target RA [deg]
dec_targ	2.052389	Observer's specified target Dec [deg]
ra_nom	187.27860192595	Nominal RA [deg]
dec_nom	2.0469963841445	Nominal Dec [deg]
roll_nom	238.15659558846	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30030.0	Sum of GTIs [s]
livetime	29544.989453137	Livetime [s]
ontime4	30030.0	Sum of GTIs [s]
ontime5	30030.0	Sum of GTIs [s]
ontime6	30030.0	Sum of GTIs [s]
ontime7	30030.0	Sum of GTIs [s]
ontime8	30030.0	Sum of GTIs [s]
ontime9	30030.0	Sum of GTIs [s]
l2events	260109	Number of level 2 events

