

V&V Summary Report

L2 ASCDS Version : 10.4

Observation 17682 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 2 2015

See [axaff17682N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	54.770101187229

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.

seq_num	790286	Sequence number
obs_id	17682	Observation id
title	Measuring the Spatial Distribution of the ACIS Contaminant Prior to Turning on the Detector Housing Heater	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	166.113333	Observer's specified target RA [deg]
dec_targ	38.208806	Observer's specified target Dec [deg]
ra_nom	166.11984648751	Nominal RA [deg]
dec_nom	38.22751330132	Nominal Dec [deg]
roll_nom	264.70361075228	Nominal Roll [deg]
revision	1	Processing version of data
ontime	54770.101187229	Sum of GTIs [s]
livetime	52800.174670434	Livetime [s]
ontime5	54770.101187229	Sum of GTIs [s]
ontime6	54770.101187229	Sum of GTIs [s]
ontime7	54770.101187229	Sum of GTIs [s]
ontime8	54770.101187229	Sum of GTIs [s]
ontime9	54770.101187229	Sum of GTIs [s]
l2events	808290	Number of level 2 events

