

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10782 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 22 2015

See axaff10782N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.6525

Comments

Because an aspect solution is determined in a finite time interval, a small number of events registered within the delta time before the first aspect solution do not have proper sky coordinates. We apply a manual workaround to exclude those events with incorrect sky positions until the complete s/w resolution is obtained.

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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	701946	Sequence number
obs_id	10782	Observation id
title	Deconstructing AGN X-ray Spectra - Time for a Paradigm Shift?	Prop
observer	Dr Tracey Turner	Principal investigator
object	NGC 4051	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	180.79	Observer's specified target RA [deg]
dec_targ	44.531333	Observer's specified target Dec [deg]
ra_nom	180.79032085305	Nominal RA [deg]
dec_nom	44.53615664776	Nominal Dec [deg]
roll_nom	55.656432138415	Nominal Roll [deg]
revision	3	Processing version of data
ontime	23652.056203246	Sum of GTIs [s]
livetime	23270.054980683	Livetime [s]
ontime4	23652.056203246	Sum of GTIs [s]
ontime5	23652.056203246	Sum of GTIs [s]
ontime6	23652.056203246	Sum of GTIs [s]
ontime7	23652.056203246	Sum of GTIs [s]
ontime8	23649.515202999	Sum of GTIs [s]
ontime9	23646.974282503	Sum of GTIs [s]
l2events	325956	Number of level 2 events

