

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 3761 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 2012

See axaff03761N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.11.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	92.287

Comments

Multiple sources; extraction is of DoAr 21, which is the brightest in the field.

There are several other zeroth order sources, as well as associated dispersed spectra for other objects in the field.

The T-Tauri star 2MASS J16255752-2430317 happens to fall on the negative meg spectra arm of the DoAr 21 dispersed spectrum. Energy-dependent order sorting will remove most of the spurious flux from this serendipitous source in the extracted spectral data, but the user should be careful. There could be other contamination of the dispersed spectral data from intersecting spectral arms of multiple sources.

seq_num	200231	Sequence number
obs_id	3761	Observation id
title	CONSTRAINING THE T TAURI STAR X-RAY EMISSION MECHANISM: HIGH-RESOLUTION SPECTROSCOPY OF THE YOUNG STAR DOAR 21	Proposal title
observer	Dr. Eric Jensen	Principal investigator
object	DOAR 21	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	246.513333	Observer's specified target RA [deg]
dec_targ	-24.394444	Observer's specified target Dec [deg]
ra_nom	246.5178183073	Nominal RA [deg]
dec_nom	-24.385693458925	Nominal Dec [deg]
roll_nom	75.033273839387	Nominal Roll [deg]
revision	3	Processing version of data
ontime	92290.42108047	Sum of GTIs [s]
livetime	91121.784198129	Livetime [s]
ontime4	92092.72102505	Sum of GTIs [s]
ontime5	92283.938980699	Sum of GTIs [s]
ontime6	92167.263581425	Sum of GTIs [s]
ontime7	92290.42108047	Sum of GTIs [s]
ontime8	92108.926035941	Sum of GTIs [s]
ontime9	92105.684926331	Sum of GTIs [s]
l2events	939994	Number of level 2 events

