

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 7201 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 2 2013

See axaff07201N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.43839

Comments

Very crowded field. Zeroth order position selected was ra=10:43:57.457, dec=-59:32:51.32. This position is the mean of the the brightest X-ray position for all 7 obsids of this source (5398, 7201, 7202, 7203, 7204, 7228, 7229). This zeroth order position was entered manually into the processing. The output of the automatic source detection tool tgdetect was not used for this processing.

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Warning: Multiple sources in the field may cause contamination of the primary extraction at some wavelengths. Extraction is of HD 93129AB.
Warning: Background important for HEG at about 7 A, plus arm. HD 93162 falls in background region. Comment: Complex source: [ESW2004] is within 2 arcsec of the target in the dispersion direction. Extraction probably includes both sources with offset in wavelength. These two objects cannot be extracted separately.

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Several x-ray sources are included in the region defining the zeroth order and in the dispersed spectrum. Spectrum may need to be re-extracted in CIAO to separate the sources. Serendipitous zeroth order image and dispersed spectrum of HD 93162 present; zeroth order of HD93162 has a bad CCD row and off-axis PSF. The zeroth order and the

dispersed spectrum of HD93162 lie on top of the spectral arm of the dispersed spectrum of the primary target.

seq_num	200332	Sequence number
obs_id	7201	Observation id
title	A Chandra HETGS Survey of O-Stars	Proposal title
observer	Dr Wayne Waldron	Principal investigator
object	HD93129AB	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	160.989583	Observer's specified target RA [deg]
dec_targ	-59.5475	Observer's specified target Dec [deg]
ra_nom	160.99227811552	Nominal RA [deg]
dec_nom	-59.545927961657	Nominal Dec [deg]
roll_nom	102.45893847358	Nominal Roll [deg]
revision	3	Processing version of data
ontime	18438.399931312	Sum of GTIs [s]
livetime	18204.92180911	Livetime [s]
ontime4	18438.399931312	Sum of GTIs [s]
ontime5	18438.399931312	Sum of GTIs [s]
ontime6	18438.399931312	Sum of GTIs [s]
ontime7	18438.399931312	Sum of GTIs [s]
ontime8	18438.399931312	Sum of GTIs [s]
ontime9	18438.399931312	Sum of GTIs [s]
l2events	257166	Number of level 2 events

