

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 7228 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Apr 13 2012

See axaff07228N003\_VV001\_vvref2.pdf for the full report

|                            |             |
|----------------------------|-------------|
| V&V Scientist              | Joy Nichols |
| V&V Date (YYYY-MM-DD)      | 2012.04.16  |
| V&V Edition                | 1           |
| V&V Disposition and Status | OK          |
| V&V Charge Time            | 19.95199    |

## Comments

This is one of 7 obsids of this target. The zeroth order has been set to  $x=4110.39$ ,  $y=4088.65$  for this obsid. The zeroth order positions are based on  $ra=10:43:57.457$ ,  $dec=-59:32:51.32$  for all of these obsids, which is the mean position of the peak of the X-ray source. `tgdetect` does not give a good position for the zeroth order because of flaring nearby sources that influence the source finding software. === Multiple sources in the field may cause contamination of the primary extraction at some wavelengths. Extraction is of HD 93129A. 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 spectra cannot be extracted separately.

|          |                                   |   |
|----------|-----------------------------------|---|
| seq_num  | 200332                            | Sequence number                             |
| obs_id   | 7228                              | Observation id                              |
| title    | A Chandra HETGS Survey of O-Stars | Proposal title                              |
| observer | DR. Wayne Waldron                 | Principal investigator                      |
| object   | HD93129AB                         | Source name                                 |
| dtcycle  | 0                                 | &#160                                       |
| cycle    | P                                 | events from which exps?<br>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   | 160.99315094357                   | Nominal RA [deg]                            |
| dec_nom  | -59.546517865318                  | Nominal Dec [deg]                           |
| roll_nom | 81.459709068524                   | Nominal Roll [deg]                          |
| revision | 3                                 | Processing version of data                  |
| ontime   | 19950.970156997                   | Sum of GTIs [s]                             |
| livetime | 19698.338959838                   | Livetime [s]                                |
| ontime4  | 19951.011197001                   | Sum of GTIs [s]                             |
| ontime5  | 19950.929116994                   | Sum of GTIs [s]                             |
| ontime6  | 19950.888076991                   | Sum of GTIs [s]                             |
| ontime7  | 19950.970156997                   | Sum of GTIs [s]                             |
| ontime8  | 19950.847036988                   | Sum of GTIs [s]                             |
| ontime9  | 19950.805997014                   | Sum of GTIs [s]                             |
| l2events | 279375                            | Number of level 2 events                    |

