

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 2704 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 10 2012

See axaff02704N002\_VV001\_vvref2.pdf for the full report

|                            |                    |
|----------------------------|--------------------|
| V&V Scientist              | David Huenemoerder |
| V&V Date (YYYY-MM-DD)      | 2012.10.15         |
| V&V Edition                | 1                  |
| V&V Disposition and Status | OK                 |
| V&V Charge Time            | 18.726             |

## Comments

phase constraint met ( $\phi_{\text{start}} \sim 0.25$ )

|          |  |                                       |
|----------|--|---------------------------------------|
| seq_num  | 400184                                       | Sequence number                       |
| obs_id   | 2704   | Observation id                        |
| title    | HIGH RESOLUTION SPECTROSCOPY OF HERCULES X-1 | Proposal title                        |
| observer | Dr. Daniel Scott                             | Principal investigator                |
| object   | HER X-1 MAIN HI LATE                         | Source name                           |
| ra_targ  | 254.4575                                     | Observer's specified target RA [deg]  |
| dec_targ | 35.342472                                    | Observer's specified target Dec [deg] |
| ra_nom   | 254.45795348548                              | Nominal RA [deg]                      |
| dec_nom  | 35.344670072297                              | Nominal Dec [deg]                     |
| roll_nom | 211.00727080803                              | Nominal Roll [deg]                    |
| revision | 3  | Processing version of data            |
| ontime   | 18723.5                                      | Sum of GTIs [s]                       |
| livetime | 18650.361328125                              | Livetime [s]                          |
| ontime4  | 18723.5                                      | Sum of GTIs [s]                       |
| ontime5  | 18723.5                                      | Sum of GTIs [s]                       |
| ontime6  | 18723.5                                      | Sum of GTIs [s]                       |
| ontime7  | 18723.5                                      | Sum of GTIs [s]                       |
| ontime8  | 18723.5                                      | Sum of GTIs [s]                       |
| ontime9  | 18723.5                                      | Sum of GTIs [s]                       |
| l2events | 1327109                                      | Number of level 2 events              |

