

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 862 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 16 2012

See axaff00862N002\_VV001\_vvref2.pdf for the full report

|                            |             |
|----------------------------|-------------|
| V&V Scientist              | Joy Nichols |
| V&V Date (YYYY-MM-DD)      | 2012.09.19  |
| V&V Edition                | 1           |
| V&V Disposition and Status | OK          |
| V&V Charge Time            | 65          |

## Comments

Charge time for this ObsId remains at original value of 65 ks, although with the current processing the charge time would have been 0 ksec. Due to an operational problem, the fid lights were not tracked during this observation

because the SIM was in the wrong position. This situation results in no Good Time Interval for the data. There are no Level 2 events and no extracted spectral data. The Level 1 data does contain the zeroth order and the dispersed spectral data. The Level 1 data could be used to extract the spectral data assuming the aspect solution can be verified by independent methods. The guide stars were accurately tracked, but there is no information on the relationship between the guide star pointing and the bore sight because of the lack of fid lights. Target position requested: ra=07:08:41.50, dec=-49:33:05.80. Position of source is ra=07:08:42.163, dec=-49:33:02.185

|          |   |   |
|----------|---|---|
| seq_num  | 700167  | Sequence number                             |
| obs_id   | 862   | Observation id                              |
| title    | HETG OBSERVATIONS OF EXTREME NARROW-LINE SEYFERT 1 GALAXIES | Propos                                      |
| observer | Dr. Karen Leighly   | Principal investigator                      |
| object   | 1H 0707-495   | Source name                                 |
| dtcycle  | 0   | &#160                                       |
| cycle    | P   | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 107.172917  | Observer's specified target RA [deg]        |
| dec_targ | -49.551611  | Observer's specified target Dec [deg]       |
| ra_nom   | 107.16977943066   | Nominal RA [deg]                            |
| dec_nom  | -49.552432960213  | Nominal Dec [deg]                           |
| roll_nom | 330.10113813437   | Nominal Roll [deg]                          |
| revision | 3   | Processing version of data                  |
| ontime   | 0.0   | Sum of GTIs [s]                             |
| livetime | 0.0   | Livetime [s]                                |
| ontime4  | 0.0   | Sum of GTIs [s]                             |
| ontime5  | 0.0   | Sum of GTIs [s]                             |
| ontime6  | 0.0   | Sum of GTIs [s]                             |
| ontime7  | 0.0   | Sum of GTIs [s]                             |
| ontime8  | 0.0   | Sum of GTIs [s]                             |
| ontime9  | 0.0   | Sum of GTIs [s]                             |
| l2events | 0   | Number of level 2 events                    |

