

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 428 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

See axaff00428N002\_VV001\_vvref2.pdf for the full report

|                            |             |
|----------------------------|-------------|
| V&V Scientist              | Joy Nichols |
| V&V Date (YYYY-MM-DD)      | 2012.09.05  |
| V&V Edition                | 1           |
| V&V Disposition and Status | OK          |
| V&V Charge Time            | 25.03       |

## Comments

Warning: Complex source: point nucleus + non-uniform diffuse with dia ~ 150 arc sec. Spectra are of nucleus; background could be reduced with narrower extraction slit.

|          |   |   |
|----------|---|---|
| seq_num  | 700201  | Sequence number                             |
| obs_id   | 428   | Observation id                              |
| title    | HETG OBSERVATIONS OF VARIOUS ACTIVE GALACTIC NUCLEI | Proposal title                              |
| observer | Prof Claude Canizares                               | Principal investigator                      |
| object   | NGC 1275  | Source name                                 |
| dtcycle  | 0   | &#160                                       |
| cycle    | P   | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 49.950417   | Observer's specified target RA [deg]        |
| dec_targ | 41.511667   | Observer's specified target Dec [deg]       |
| ra_nom   | 49.953146305965                                     | Nominal RA [deg]                            |
| dec_nom  | 41.511023172262                                     | Nominal Dec [deg]                           |
| roll_nom | 107.50512820385                                     | Nominal Roll [deg]                          |
| revision | 3   | Processing version of data                  |
| ontime   | 25027.200023293                                     | Sum of GTIs [s]                             |
| livetime | 24710.290547028                                     | Livetime [s]                                |
| ontime4  | 25027.200023293                                     | Sum of GTIs [s]                             |
| ontime5  | 25027.200023293                                     | Sum of GTIs [s]                             |
| ontime6  | 25027.200023293                                     | Sum of GTIs [s]                             |
| ontime7  | 25027.200023293                                     | Sum of GTIs [s]                             |
| ontime8  | 25027.200023293                                     | Sum of GTIs [s]                             |
| ontime9  | 25027.200023293                                     | Sum of GTIs [s]                             |
| l2events | 979996  | Number of level 2 events                    |

