

# V&V Summary Report

## L2 ASCDS Version : 10.9.2

Observation 20973 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 25 2020

See [axaff20973N003\\_VV001\\_vvref2.pdf](#) for the full report

|                            |                 |
|----------------------------|-----------------|
| V&V Scientist              | Beth Sundheim   |
| V&V Date (YYYY-MM-DD)      | 2020.10.29      |
| V&V Edition                | 1               |
| V&V Disposition and Status | OK              |
| V&V Charge Time            | 23.953812732697 |

## Comments

The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this slot from the solution.

|          |                                                                                           |                                             |
|----------|-------------------------------------------------------------------------------------------|---------------------------------------------|
| seq_num  | 601400                                                                                    | Sequence number                             |
| obs_id   | 20973                                                                                     | Observation id                              |
| title    | The first X-ray study of NGC 2243, one of the most metal-poor Galactic open star clusters | Proposal title                              |
| observer | Dr Maureen van den Berg                                                                   | Principal investigator                      |
| object   | NGC 2243                                                                                  | Source name                                 |
| dtcycle  | 0                                                                                         | &#160                                       |
| cycle    | P                                                                                         | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 97.391667                                                                                 | Observer's specified target RA [deg]        |
| dec_targ | -31.283333                                                                                | Observer's specified target Dec [deg]       |
| ra_nom   | 97.391026103351                                                                           | Nominal RA [deg]                            |
| dec_nom  | -31.28163391482                                                                           | Nominal Dec [deg]                           |
| roll_nom | 225.20635423148                                                                           | Nominal Roll [deg]                          |
| revision | 3                                                                                         | Processing version of data                  |
| ontime   | 23953.812726498                                                                           | Sum of GTIs [s]                             |
| livetime | 23650.4951265                                                                             | Livetime [s]                                |
| ontime2  | 23953.853766441                                                                           | Sum of GTIs [s]                             |
| ontime3  | 23953.689606428                                                                           | Sum of GTIs [s]                             |
| ontime5  | 23953.771686435                                                                           | Sum of GTIs [s]                             |
| ontime6  | 23950.48962605                                                                            | Sum of GTIs [s]                             |
| ontime7  | 23953.812726498                                                                           | Sum of GTIs [s]                             |
| ontime8  | 23950.407546163                                                                           | Sum of GTIs [s]                             |
| l2events | 293542                                                                                    | Number of level 2 events                    |

