

# V&V Summary Report

## L2 ASCDS Version : 10.6.4.1

Observation 20277 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Sep 16 2018

See axaff20277N001\_VV001\_vvref2.pdf for the full report

|                            |                 |
|----------------------------|-----------------|
| V&V Scientist              | Joy Nichols     |
| V&V Date (YYYY-MM-DD)      | 2018.09.17      |
| V&V Edition                | 1               |
| V&V Disposition and Status | OK              |
| V&V Charge Time            | 35.087487230539 |

## Comments

Roll constraint met.

===WARNING: Zeroth order selected by pipeline tools is well-centered in the supernova remnant but is not at the position(s) of brightest emission. The user may want to select a region or source of interest, then use software tools such as CIAO to specify the coordinates of the zeroth order source of interest before running the tools to resolve the dispersed events.

|          |  |   |
|----------|--|---|
| seq_num  | 502976   | Sequence number                             |
| obs_id   | 20277  | Observation id                              |
| title    | Chandra Cycle 19 Spatial and Spectral Monitoring of SN 1987A | Propo                                       |
| observer | David Burrows  | Principal investigator                      |
| object   | SN 1987A   | Source name                                 |
| dtcycle  | 0  | &#160                                       |
| cycle    | P  | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 83.866667  | Observer's specified target RA [deg]        |
| dec_targ | -69.26975  | Observer's specified target Dec [deg]       |
| ra_nom   | 83.841914811148  | Nominal RA [deg]                            |
| dec_nom  | -69.268334102364   | Nominal Dec [deg]                           |
| roll_nom | 91.633473969188  | Nominal Roll [deg]                          |
| revision | 1  | Processing version of data                  |
| ontime   | 35087.487230539  | Sum of GTIs [s]                             |
| livetime | 33825.488986883  | Livetime [s]                                |
| ontime4  | 35087.528270483  | Sum of GTIs [s]                             |
| ontime5  | 35087.446190476  | Sum of GTIs [s]                             |
| ontime6  | 35087.405150533  | Sum of GTIs [s]                             |
| ontime7  | 35087.487230539  | Sum of GTIs [s]                             |
| ontime8  | 35087.36411047   | Sum of GTIs [s]                             |
| ontime9  | 35087.323070526  | Sum of GTIs [s]                             |
| l2events | 117448   | Number of level 2 events                    |

