

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20323 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 28 2018

See [axaff20323N001_VV001_vvref2.pdf](#) for the full report

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|----------------------------|-----------------|
| V&V Scientist | Beth Sundheim |
| V&V Date (YYYY-MM-DD) | 2018.03.29 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 27.749100778341 |

Comments

Roll and window constraints met.

=== WARNING: there are no standard ciao tools for analysis of grating spectra from extended sources. The shape of an emission line will be the shape of the zero order spatial structure convolved with the instrumental LSF. Grating extractions can be used, but need to be combined with custom spatial-spectral analysis, since wavelength is multi-valued at any particular diffraction angle. ===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.

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|----------|--|---|
| seq_num | 503016 | Sequence number |
| obs_id | 20323 | Observation id |
| title | High Resolution Spectroscopy of SN 1987A | Proposal title |
| observer | SANGWOOK PARK | Principal investigator |
| object | SN 1987A | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? 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 | 83.878769503342 | Nominal RA [deg] |
| dec_nom | -69.27491588498 | Nominal Dec [deg] |
| roll_nom | 264.16792269098 | Nominal Roll [deg] |
| revision | 1 | Processing version of data |
| ontime | 27749.100778341 | Sum of GTIs [s] |
| livetime | 27094.995705544 | Livetime [s] |
| ontime4 | 27749.100778341 | Sum of GTIs [s] |
| ontime5 | 27749.100778341 | Sum of GTIs [s] |
| ontime6 | 27749.100778341 | Sum of GTIs [s] |
| ontime7 | 27749.100778341 | Sum of GTIs [s] |
| ontime8 | 27749.100778341 | Sum of GTIs [s] |
| ontime9 | 27749.100778341 | Sum of GTIs [s] |
| l2events | 187516 | Number of level 2 events |

