

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 7621 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 1 2012

See axaff07621N003_VV001_vvref2.pdf for the full report

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| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2012.05.09 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 37.4239998 |

Comments

Warning: Extended source, dia ~ 3 arc seconds; nominal extraction includes whole source and could be narrowed to reduce background. Background events dominate below 30A. Extraction is centered in supernova remnant, but is not positioned at the brightest region.

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Gain and CTI correction are not well calibrated on CCD_ID 5 (ACIS-S1). Default order sorting can clip some regions, particularly longward of 30A (first order). User-specified custom processing parameters may be required in tg_resolve_events (osipfile=none, osort_lo, osort_hi ~0.5) though this can allow more zeroth order background at short wavelengths.

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|-----------|--|---|
| seq_num | 500750 | Sequence number |
| obs_id | 7621 | Observation id |
| title | SPATIALLY RESOLVED LETG SPECTROMETRY OF SNR1987A | Proposal title |
| observer | Dr. Richard McCray | Principal investigator |
| object | SNR1987A | 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 | 83.87635211897 | Nominal RA [deg] |
| dec_nom | -69.290406459032 | Nominal Dec [deg] |
| roll_nom | 95.165689271202 | Nominal Roll [deg] |
| revision | 3 | Processing version of data |
| ontime | 37423.999860644 | Sum of GTIs [s] |
| liveltime | 36950.114640382 | Livetime [s] |
| ontime4 | 37423.999860644 | Sum of GTIs [s] |
| ontime5 | 37423.999860644 | Sum of GTIs [s] |
| ontime6 | 37420.758870423 | Sum of GTIs [s] |
| ontime7 | 37423.999860644 | Sum of GTIs [s] |
| ontime8 | 37417.517900109 | Sum of GTIs [s] |
| ontime9 | 37423.999860644 | Sum of GTIs [s] |
| l2events | 306619 | Number of level 2 events |

