

V&V Summary Report

L2 ASCDS Version : 8.5.1

Observation 5552 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 18 2012

See axaff05552N003_VV001_vvref2.pdf for the full report

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|----------------------------|-------------|
| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2013.01.15 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 9.1752 |

Comments

HETG is inserted as a filter; there is very little useful gratings information in the observation. The zeroth order position used in the grating extraction is NOT at the position of the pulsar, but is near a bright emission knot to the SE. If the dispersed grating spectrum is to be analyzed, it should be re-extracted using the exact position of the pulsar as the zeroth order position. The dispersed spectrum only contains data for the meg +1 order between 1-2 A.

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|----------|---|---|
| seq_num | 500541 | Sequence number |
| obs_id | 5552 | Observation id |
| title | Monitoring of the Relativistic Magnetohydrodynamic Shock in the Crab Nebula | Proposal title |
| observer | Dr Koji Mori | Principal investigator |
| object | The Crab Nebula | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 83.632083 | Observer's specified target RA [deg] |
| dec_targ | 22.016472 | Observer's specified target Dec [deg] |
| ra_nom | 83.630958200939 | Nominal RA [deg] |
| dec_nom | 22.004064235515 | Nominal Dec [deg] |
| roll_nom | 272.98079866957 | Nominal Roll [deg] |
| revision | 3 | Processing version of data |
| ontime | 9175.2003645897 | Sum of GTIs [s] |
| livetime | 8071.0770272605 | Livetime [s] |
| ontime7 | 9175.2003645897 | Sum of GTIs [s] |
| l2events | 2407282 | Number of level 2 events |

