

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22237 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 30 2019

See [axaff22237N001_VV001_vvref2.pdf](#) for the full report

| | |
|----------------------------|-----------------|
| V&V Scientist | Jen Lauer |
| V&V Date (YYYY-MM-DD) | 2019.05.30 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 29.068700223684 |

Comments

The guide star in slot 6 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this guide star from the solution.

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|----------|---|---|
| seq_num | 801762 | Sequence number |
| obs_id | 22237 | Observation id |
| title | Shock structure, the electron-ion equilibration timescale and the disintegrating cool core in A2146 | Proposal title |
| observer | Helen Russell | Principal investigator |
| object | Abell 2146 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 239.06125 | Observer's specified target RA [deg] |
| dec_targ | 66.346917 | Observer's specified target Dec [deg] |
| ra_nom | 238.9521995347 | Nominal RA [deg] |
| dec_nom | 66.392281326727 | Nominal Dec [deg] |
| roll_nom | 174.30859071883 | Nominal Roll [deg] |
| revision | 1 | Processing version of data |
| ontime | 29068.700223684 | Sum of GTIs [s] |
| livetime | 28688.896255196 | Livetime [s] |
| ontime0 | 29059.277313113 | Sum of GTIs [s] |
| ontime1 | 29068.700223684 | Sum of GTIs [s] |
| ontime2 | 29062.418243408 | Sum of GTIs [s] |
| ontime3 | 29068.700223684 | Sum of GTIs [s] |
| ontime6 | 29065.559253454 | Sum of GTIs [s] |
| l2events | 116942 | Number of level 2 events |

