

V&V Summary Report

L2 ASCDS Version : 10.8

Observation 22731 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 21 2019

See axaff22731N001_VV001_vvref2.pdf for the full report

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|----------------------------|-----------------|
| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2019.08.22 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 40.058118377209 |

Comments

One fid light was not acquired successfully for this observation. The boresight alignment is not as accurate as it is with all 3 fid lights, but is acceptable.

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The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this slot from the solution.

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|----------|---|---|
| seq_num | 801762 | Sequence number |
| obs_id | 22731 | 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 | 238.94486244327 | Nominal RA [deg] |
| dec_nom | 66.32755521169 | Nominal Dec [deg] |
| roll_nom | 255.31531494986 | Nominal Roll [deg] |
| revision | 1 | Processing version of data |
| ontime | 40058.118377209 | Sum of GTIs [s] |
| livetime | 39534.729570253 | Livetime [s] |
| ontime0 | 40061.259318113 | Sum of GTIs [s] |
| ontime1 | 40064.400308251 | Sum of GTIs [s] |
| ontime2 | 40064.400308251 | Sum of GTIs [s] |
| ontime3 | 40058.118377209 | Sum of GTIs [s] |
| ontime6 | 40061.259317994 | Sum of GTIs [s] |
| l2events | 164874 | Number of level 2 events |

