

V&V Summary Report

L2 ASCDS Version : 10.2.4

Observation 16631 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 4 2014

See axaff16631N002_VV001_vvref2.pdf for the full report

| | |
|----------------------------|-----------------|
| V&V Scientist | Beth Sundheim |
| V&V Date (YYYY-MM-DD) | 2014.08.05 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 23.011037967205 |

Comments

A spatial region of the original bias map for CCD = 4 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 4 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:
(37.76515,
73.13568), (37.76818,73.13085), (37.98998,73.14243), (37.98006,73.14691)

| | | |
|----------|-----------------------------------------------------------------------------|---------------------------------------------|
| seq_num | 200968 | Sequence number |
| obs_id | 16631 | Observation id |
| title | The new outburst of the EXor V1180 Cas as observed at X and NIR wavelengths | Proposal title |
| observer | Dr. Achille Nucita | Principal investigator |
| object | V1180 Cas | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 38.25625 | Observer's specified target RA [deg] |
| dec_targ | 72.724139 | Observer's specified target Dec [deg] |
| ra_nom | 38.242447908893 | Nominal RA [deg] |
| dec_nom | 72.727728692655 | Nominal Dec [deg] |
| roll_nom | 99.823255359365 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 23011.037967205 | Sum of GTIs [s] |
| livetime | 22719.658348881 | Livetime [s] |
| ontime4 | 23011.079007208 | Sum of GTIs [s] |
| ontime5 | 23010.996927202 | Sum of GTIs [s] |
| ontime6 | 23004.474006176 | Sum of GTIs [s] |
| ontime7 | 23011.037967205 | Sum of GTIs [s] |
| ontime8 | 23010.914847195 | Sum of GTIs [s] |
| ontime9 | 23010.873807192 | Sum of GTIs [s] |
| l2events | 203414 | Number of level 2 events |

