

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 19514 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 26 2017

See axaff19514N002_VV001_vvref2.pdf for the full report

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|----------------------------|-----------------|
| V&V Scientist | Beth Sundheim |
| V&V Date (YYYY-MM-DD) | 2017.10.27 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 7.0587000544071 |

Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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: (155.56537,46.53140), (155.56945,46.52924), (155.69284,46.63996), (155.68875,46.64213).

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|----------|---|---|
| seq_num | 703362 | Sequence number |
| obs_id | 19514 | Observation id |
| title | Understanding AGN Accretion State Transitions via a Sample of Confirmed Changing-Look Quasars | Proposal title |
| observer | John Ruan | Principal investigator |
| object | SDSS J102152.33+464515.6 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 155.467917 | Observer's specified target RA [deg] |
| dec_targ | 46.754361 | Observer's specified target Dec [deg] |
| ra_nom | 155.46659304658 | Nominal RA [deg] |
| dec_nom | 46.760787531683 | Nominal Dec [deg] |
| roll_nom | 52.657575273004 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 7058.7000544071 | Sum of GTIs [s] |
| livetime | 6966.4729416569 | Livetime [s] |
| ontime2 | 7055.5590142012 | Sum of GTIs [s] |
| ontime3 | 7055.5590341091 | Sum of GTIs [s] |
| ontime6 | 7058.7000544071 | Sum of GTIs [s] |
| ontime7 | 7058.7000544071 | Sum of GTIs [s] |
| ontime8 | 7058.7000544071 | Sum of GTIs [s] |
| l2events | 45953 | Number of level 2 events |

