

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 19490 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 13 2017

See [axaff19490N002_VV001_vvref2.pdf](#) for the full report

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|----------------------------|-----------------|
| V&V Scientist | Beth Sundheim |
| V&V Date (YYYY-MM-DD) | 2017.12.14 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 27.409127197623 |

Comments

Joint proposal with NRAO.

Observation coordinated with VLA.

A spatial region of the original bias map for CCD = 6 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 = 6 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: (114.41178,38.95584), (114.41451,38.94878), (114.43350,38.95323), (114.43833,38.96205).

| | | |
|----------|---|---|
| seq_num | 703338 | Sequence number |
| obs_id | 19490 | Observation id |
| title | The peculiar globular cluster NGC2419: is it an ultra-compact dwarf harboring a black hole? | Proposal title |
| observer | Peter Jonker | Principal investigator |
| object | NGC2419 | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 114.535417 | Observer's specified target RA [deg] |
| dec_targ | 38.881917 | Observer's specified target Dec [deg] |
| ra_nom | 114.52721251112 | Nominal RA [deg] |
| dec_nom | 38.885539559596 | Nominal Dec [deg] |
| roll_nom | 106.63859503368 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 27409.127197623 | Sum of GTIs [s] |
| livetime | 27051.00677248 | Livetime [s] |
| ontime6 | 27409.08615768 | Sum of GTIs [s] |
| ontime7 | 27409.127197623 | Sum of GTIs [s] |
| ontime8 | 27396.480876207 | Sum of GTIs [s] |
| l2events | 149028 | Number of level 2 events |

