V&V Summary Report
L2 ASCDS Version : 10.6

Observation 21092 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 30 2018

See axaff21092N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2018.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.947885462165

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 slot from the solution.
==
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:
(169.99811,25.13934), (169.99392,25.14121), (169.97459,25.10545),
(169.97911,25.10419).
```

seq_num	402027	Sequence number
obs_id	21092	Observation id
title	The Late-time X-ray Behavior of Short Gamma-ray Bursts: Implications for Energetics and Rates	Proposal title
observer	Wen-fai Fong	Principal investigator
object	sGRB180418A	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	170.121667	Observer's specified target RA [deg]
dec_targ	24.933	Observer's specified target Dec [deg]
ra_nom	170.12413801952	Nominal RA [deg]
dec_nom	24.928161358259	Nominal Dec [deg]
roll_nom	243.84983517241	Nominal Roll [deg]
revision	2	Processing version of data
ontime	27947.885462165	Sum of GTIs [s]
livetime	27593.992508247	Livetime [s]
ontime2	27944.685471773	Sum of GTIs [s]
ontime3	27947.762342095	Sum of GTIs [s]
ontime5	27947.844422102	Sum of GTIs [s]
ontime6	27944.562351823	Sum of GTIs [s]
ontime7	27947.885462165	Sum of GTIs [s]
ontime8	27947.721302152	Sum of GTIs [s]
l2events	340077	Number of level 2 events