V&V Summary Report
L2 ASCDS Version : 10.9.1

Observation 6128 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 7 2020

See axaff06128N004_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.168

Comments

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Two spatial regions of the original bias map for CCD = 0 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 = 0 has been
reconstructed for this processing to remove this anomaly using scaled
data from a comparable bias map from another observation.
The pixels in the first region affected by the anomaly are bounded by
sky coords:
(359.30514,-0.86690),(359.30096,-0.86814),(359.30810,-0.89191),(359.3118
9,-0.88936).


The pixels in the second region are bounded by sky coords:
(359.21433,-0.90488),(359.21172,-0.90566),(359.22548,-0.95149),(359.2281
0,-0.95071).
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seq_num	500590	Sequence number
obs_id	6128	Observation id
title	GRB040912: An Unusual Event Exhibiting Strong Spectral Evolution from a GRB to an XRF	Proposal title
observer	Dr. george Ricker	Principal investigator
object	GRB040912	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	359.225	Observer's specified target RA [deg]
dec_targ	-1.000556	Observer's specified target Dec [deg]
ra_nom	359.22158546568	Nominal RA [deg]
dec_nom	-1.0088783491989	Nominal Dec [deg]
roll_nom	106.71604503109	Nominal Roll [deg]
revision	5	Processing version of data
ontime	18168.936004192	Sum of GTIs [s]
livetime	17931.545479521	Livetime [s]
ontime0	18181.499965012	Sum of GTIs [s]
ontime1	18181.499965012	Sum of GTIs [s]
ontime2	18181.499965012	Sum of GTIs [s]
ontime3	18168.936004192	Sum of GTIs [s]
l2events	89117	Number of level 2 events