V&V Summary Report
L2 ASCDS Version : 10.3.3

Observation 17478 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 5 2015

See axaff17478N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.03.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	53.07820040834

Comments

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A spatial region of the original bias maps for CCD = 2 and 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
maps for CCD = 2 and CCD = 6 have 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:
CCD = 2, (206.53676, 26.36178), (206.53238, 26.36062), (206.57603
,26.22675),
(206.58040, 26.22790)
CCD = 6, (206.36781, 26.20389), (206.36927, 26.19944), (206.51858,
26.23882),
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(206.51712, 26.24327).

seq_num	801537	Sequence number
obs_id	17478	Observation id
title	Survey of the virialization region of A1795	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	A1795-A	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	206.720417	Observer's specified target RA [deg]
dec_targ	26.253917	Observer's specified target Dec [deg]
ra_nom	206.71396226989	Nominal RA [deg]
dec_nom	26.2621143423	Nominal Dec [deg]
roll_nom	106.21154441775	Nominal Roll [deg]
revision	2	Processing version of data
ontime	53078.20040834	Sum of GTIs [s]
livetime	52384.694644402	Livetime [s]
ontime0	53078.20040834	Sum of GTIs [s]
ontime1	53068.777227879	Sum of GTIs [s]
ontime2	53071.918268085	Sum of GTIs [s]
ontime3	53078.20040834	Sum of GTIs [s]
ontime6	53075.059348226	Sum of GTIs [s]
l2events	127743	Number of level 2 events