V&V Summary Report
L2 ASCDS Version : 10.4.3.1

Observation 17158 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jan 28 2016

See axaff17158N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.387279867053

Comments

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Optional chip S2 was dropped.
A spatial region of the original bias maps for CCD = 0 and CCD = 2
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 = 0 and CCD = 2 have been reconstructed for this processing
to remove this anomaly using scaled data from comparable bias maps
from other observations.
The pixels on CCD = 0 affected by the anomaly are bounded by sky
coords: (162.07369, 15.37420), (162.07064, 15.37479), (162.05902,
15.31793), (162.06168, 15.31547).
The affected pixels on CCD = 2 are bounded by sky coords: (161.89043,
15.36969), (161.88682, 15.37037), (161.86672, 15.27150), (161.87033,
15.27083).
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seq_num	801446	Sequence number
obs_id	17158	Observation id
title	Chandra Calibration of the Richness-Mass Relation of Galaxy Clusters: Enabling Cluster Cosmology with the DES	Proposal title
observer	Eduardo Rozo	Principal investigator
object	RM J104729.0+151402.1	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.870833	Observer's specified target RA [deg]
dec_targ	15.233917	Observer's specified target Dec [deg]
ra_nom	161.87531953975	Nominal RA [deg]
dec_nom	15.268205286543	Nominal Dec [deg]
roll_nom	78.903146007442	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12387.279867053	Sum of GTIs [s]
livetime	12225.430936207	Livetime [s]
ontime0	12387.156717062	Sum of GTIs [s]
ontime1	12390.33884728	Sum of GTIs [s]
ontime2	12390.379887342	Sum of GTIs [s]
ontime3	12387.279867053	Sum of GTIs [s]
l2events	31629	Number of level 2 events