V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 7058 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 19 2012

See axaff07058N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.10259999

Comments

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Bias files for this observation were adversely affected by a light leak
from a bright optical source. Bias maps for CCDs = 0 and 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 CCDs = 0 and 2
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 0:
(335.72017,36.42964),(335.56207,36.37255),(335.57037,36.35777),(335.7284
5,36.41485)


CCD 2:
(335.55845,36.37126),(335.40093,36.31334),(335.40548,36.30527),(335.5629
8,36.36318)
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Please note that analyses of data at or very near the event threshold
will be problematic because some events that should have been
telemetered will not have been due to the light leak. There is no way to
fix this problem. As long as lowest-energy data are ignored for spectral
analyses this issue should not be a problem.

seq_num	600496	Sequence number
obs_id	7058	Observation id
title	Isolated Ellipticals	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	NGC7265	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	335.614583	Observer's specified target RA [deg]
dec_targ	36.210278	Observer's specified target Dec [deg]
ra_nom	335.60590876907	Nominal RA [deg]
dec_nom	36.230132919389	Nominal Dec [deg]
roll_nom	114.32088086495	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5102.5999901593	Sum of GTIs [s]
livetime	5035.9307648084	Livetime [s]
ontime0	5102.5999901593	Sum of GTIs [s]
ontime1	5102.5999901593	Sum of GTIs [s]
ontime2	5102.5999901593	Sum of GTIs [s]
ontime3	5102.5999901593	Sum of GTIs [s]
ontime6	5102.5999901593	Sum of GTIs [s]
l2events	16823	Number of level 2 events