

V&V Summary Report

L2 ASCDS Version : 7.6.11.1

Observation 785 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 10 2007

See axaff00785N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.35

Comments

Charge time for this ObsId remains at original value of 37.35 ks,
although
with the current processing the charge time would have been 38.60 ksec.
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The bias maps for CCD_ID = 2 and 3 suffer from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the 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_ID=2 and 3 have been recreated
recreated for this processing to remove this anomaly. Bias maps for chips 2 and 3 were reconstructed using scaled data from a comparable bias map for another observation to replace pixels affected by the anomaly.

seq_num	600088
obs_id	785
title	STELLAR MASS LOSS VERSUS EXTERNAL ACCRETION IN X-RAY BRIGHT ELLIPTICALS
observer	Dr. Craig Sarazin
object	NGC 4649
dtcycle	0
cycle	P
ra_targ	190.917917
dec_targ	11.549444
ra_nom	190.90877773214
dec_nom	11.544920260878
roll_nom	217.46395873314
revision	4
ontime	38604.14463219
livetime	38115.315708232
ontime2	38626.831274092
ontime3	38639.795164898
ontime5	38613.867532834
ontime6	38649.518225148
ontime7	38604.14463219
ontime8	38643.036244839
l2events	527729

