V&V Summary Report
L2 ASCDS Version : 8.1.1

Observation 542 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

See axaff00542N001_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.172

Comments

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Focal plane temperature is warmer than -118.7 C degrees during the
entire observation. This temperature is the upper limit of the verified
ACIS calibration for the front-illuminated chips. The focal plane
temperature is also warmer than -116.7 degrees C for the entire
observation. This temperature is the upper limit of the verified ACIS
calibration for the back-illuminated chips. The ACIS spectral response
calibration is less accurate at these warmer temperatures than it is at
-119.7 C. Users whose science objectives depend on the most accurate
spectral response (ie: fitting line-rich spectra) may notice an effect.
Users whose science objectives do not depend on the most accurate
spectral response should not notice an effect.
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The guide star in slot 6 was removed from the aspect solution due
to poor data quality. The aspect solution is not expected to be
degraded by removing one fid light or guide star from the solution.
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seq_num	800050	Sequence number
obs_id	542	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	A1914	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.509167	Observer's specified target RA
dec_targ	37.835	Observer's specified target Dec
ra_nom	216.57463417229	Nominal RA
dec_nom	37.853564418114	Nominal Dec
roll_nom	22.10853408874	Nominal Roll
revision	4	Processing version of data
ontime	8169.4772267416	Sum of GTIs [s]
livetime	8066.030387028	Livetime [s]
ontime0	8179.2000076175	Sum of GTIs [s]
ontime1	8175.9590473995	Sum of GTIs [s]
ontime2	8172.7180074006	Sum of GTIs [s]
ontime3	8169.4772267416	Sum of GTIs [s]
ontime6	8179.2000076175	Sum of GTIs [s]
l2events	60134	Number of level 2 events