V&V Summary Report
L2 ASCDS Version : 8.1.2

Observation 158 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff00158N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.763

Comments

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ACIS chip response to continuum source.===

The guide star in slot 7 was not tracked during this observation. The
aspect solution is not expected to be degraded by
removing one guide star from the solution.
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The focal plane temperature is approximately -100 C during this
observation. This reprocessing of the data applies no CTI correction
because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature,
because it was early in the mission, and ACIS had not yet been lowered
to the standard -119.7 C. Both front and back illuminated chips are
affected. However a T_GAIN correction has been applied to the BI chips
(ACIS-5 and ACIS-7) data included here.

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
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seq_num	590026	Sequence number
obs_id	158	Observation id
title	ACIS CHIP RESPONSE TO A CONTINUUM SOURCE	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	G21.5-0.9 [Chip I1, T=100, Offsets=-3,-5,0 Off-ax]	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	278.389583	Observer's specified target RA
dec_targ	-10.568528	Observer's specified target Dec
ra_nom	278.46606015928	Nominal RA
dec_nom	-10.631488512883	Nominal Dec
roll_nom	264.54265623125	Nominal Roll
revision	3	Processing version of data
ontime	9760.0000090897	Sum of GTIs [s]
livetime	9636.4130122082	Livetime [s]
ontime0	9756.7590488717	Sum of GTIs [s]
ontime1	9760.0000090897	Sum of GTIs [s]
ontime2	9760.0000090897	Sum of GTIs [s]
ontime3	9760.0000090897	Sum of GTIs [s]
ontime6	9760.0000090897	Sum of GTIs [s]
ontime7	9760.0000090897	Sum of GTIs [s]
l2events	107326	Number of level 2 events