V&V Summary Report
L2 ASCDS Version : 8.2.1

Observation 1109 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 13 2010

See axaff01109N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.001

Comments

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ACIS PSF measurement on I3.
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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
effect.
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seq_num	780059	Sequence number
obs_id	1109	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS0312-770	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	47.98	Observer's specified target RA
dec_targ	-76.864167	Observer's specified target Dec
ra_nom	47.998878803095	Nominal RA
dec_nom	-76.860611072673	Nominal Dec
roll_nom	63.858838574423	Nominal Roll
revision	3	Processing version of data
ontime	13000.846953943	Sum of GTIs [s]
livetime	12836.222401642	Livetime [s]
ontime0	12994.48815351	Sum of GTIs [s]
ontime1	12994.447103582	Sum of GTIs [s]
ontime2	13000.887993939	Sum of GTIs [s]
ontime3	13000.846953943	Sum of GTIs [s]
ontime6	12997.564953722	Sum of GTIs [s]
ontime7	13001.011113942	Sum of GTIs [s]
l2events	130122	Number of level 2 events