V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 1789 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 29 2012

See axaff01789N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.683

Comments

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The focal-plane temperature was set to a temperature of about -109.2 C
during this observation and others in the interval from September 17,
1999 to January 29, 2000. The current reprocessing of the data applies
no charge-transfer inefficiency (CTI) adjustment to the data because the
ACIS CTI adjustment has not been calibrated at this temperature. The
CTI adjustment is calibrated for data taken from January 30, 2000 to the
present, when the focal-plane temperature is set to -119.7 C. However,
if the observation includes one or both back-illuminated CCDs ACIS-S1
and ACIS-S3, then a time-dependent gain adjustment is applied to the
data for these CCDs. The ACIS spectral response calibration is less
accurate at temperatures of about -109.2 C than it is at -119.7 C.
Users whose science objectives depend on the most accurate spectral
response (i.e. fitting line-rich spectra) may notice an effect. Users
whose science objectives do not depend on the most accurate spectral
response (e.g. those interested in imaging or timing analyses) should
not notice an effect.
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seq_num	590215	Sequence number
obs_id	1789	Observation id
title	ACIS CHIP RESPONSE TO LINES WITH E=0.6-1.5 KEV	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	E0102-72.3 [Chip S3, T=110, Offsets=-1,-2,0]	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	16.01	Observer's specified target RA [deg]
dec_targ	-72.032028	Observer's specified target Dec [deg]
ra_nom	15.897055469327	Nominal RA [deg]
dec_nom	-72.017270754571	Nominal Dec [deg]
roll_nom	100.71847545554	Nominal Roll [deg]
revision	5	Processing version of data
ontime	7673.6000071317	Sum of GTIs [s]
livetime	7576.4322633542	Livetime [s]
ontime2	7673.6000071317	Sum of GTIs [s]
ontime3	7673.6000071317	Sum of GTIs [s]
ontime5	7673.6000071317	Sum of GTIs [s]
ontime6	7673.6000071317	Sum of GTIs [s]
ontime7	7673.6000071317	Sum of GTIs [s]
ontime8	7673.6000071317	Sum of GTIs [s]
l2events	134894	Number of level 2 events