

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 5910 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 25 2006

See axaff05910N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	59.95835

Comments

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the reported value of the ACIS FP temperature was ~1.3 degrees warmer than the actual temperature. GOs should subtract 1.3 degrees from the reported temperature to determine the true temperature. In addition the FP temperature was not regulating during this period. The FP temperature fluctuated between -121.3 C and -118.8 C during this time. For analysis of line-dominated spectra from the FI CCDs, GOs might notice a systematic gain shift by up to 0.5%, either towards higher/lower energies depending on if the FP temperature was colder/warmer than -119.7 C. Analysis of line-dominated spectra on S3 are mostly unaffected (where mostly unaffected means that the changes are smaller than the current uncertainties in the calibration). Analysis of continuum-dominated spectra on both the FI and BI CCDs are mostly unaffected. Imaging analysis on both the FI and BI CCDs are mostly unaffected.

seq_num	600429
obs_id	5910
title	The Multi-Talented Elliptical Galaxy NGC1052
observer	Dr. Jimmy Irwin
object	NGC1052
dtcycle	0
cycle	P
ra_targ	40.27
dec_targ	-8.255639
ra_nom	40.275536657169
dec_nom	-8.2186707695439
roll_nom	84.270501692002
revision	2
ontime	59958.358796328
livetime	59199.12995466
ontime2	59958.358786345
ontime3	59951.876775861
ontime5	59958.35877642
ontime6	59958.358796328
ontime7	59958.358796328
ontime8	59951.876795739
l2events	652435

