

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 5701 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 25 2006

See [axaff05701N002_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	1.148799

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	701123
obs_id	5701
title	A Uniform Chandra Survey of the Brightest and Most Extreme SDSS BALQSOs
observer	Dr. Scott Anderson
object	SDSS J231324.46+003444.5
dtcycle	0
cycle	P
ra_targ	348.352083
dec_targ	0.579028
ra_nom	348.35044160349
dec_nom	0.56981165235721
roll_nom	268.83747042495
revision	2
ontime	1148.7999957204
livetime	1134.2531984503
ontime2	1148.7999957204
ontime3	1148.7999957204
ontime5	1148.7999957204
ontime6	1148.7999957204
ontime7	1148.7999957204
ontime8	1148.7999957204
l2events	5845

