

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 5614 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 25 2006

See axaff05614N002_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	4.678399

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	701037
obs_id	5614
title	A Chandra Survey of the Most Distant Quasars: X–raying the First Massive Black Holes
observer	Prof. William Brandt
object	SDSS J1536+5008
dtcycle	0
cycle	P
ra_targ	234.209583
dec_targ	50.136194
ra_nom	234.21473556018
dec_nom	50.127229041138
roll_nom	299.89316276338
revision	2
ontime	4678.3999825716
livetime	4619.159264998
ontime2	4678.3999825716
ontime3	4678.3999825716
ontime5	4678.3999825716
ontime6	4678.3999825716
ontime7	4678.3999825716
ontime8	4678.3999825716
l2events	51186

