

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 7016 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 25 2006

See [axaff07016N002_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	32.15039

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	900432
obs_id	7016
title	The dark side of accretion: chasing type 2 QSOs
observer	Dr. Fabrizio Fiore
object	ELAIS-S1 A
dtcycle	0
cycle	P
ra_targ	8.80125
dec_targ	-43.355556
ra_nom	8.8073940723559
dec_nom	-43.356789488388
roll_nom	7.7098515589891
revision	2
ontime	32150.39988023
livetime	31743.2921583
ontime0	32150.39988023
ontime1	32147.15888992
ontime2	32150.39988023
ontime3	32150.39988023
ontime6	32150.39988023
ontime7	32150.39988023
l2events	237575

