

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 6378 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 26 2006

See axaff06378N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	111.6478

Comments

Roll preference met.

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the 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	600480
obs_id	6378
title	The Chandra ACIS Survey of M33 (ChASeM33): A Deep Survey of the Nearest Face-on Spiral Galaxy
observer	Dr Manami Sasaki
object	M33 Field 2
dtcycle	0
cycle	P
ra_targ	23.5575
dec_targ	30.796694
ra_nom	23.555033130786
dec_nom	30.800809544428
roll_nom	140.20994815426
revision	2
ontime	111647.83555311
livetime	110234.08343308
ontime0	111654.31757352
ontime1	111654.31755367
ontime2	111647.83559299
ontime3	111647.83555311
ontime6	111657.55858374
ontime7	111660.79958403
l2events	615475

