

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 1458 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See [axaff01458N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.776

Comments

Target is off-axis on chip S2.

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The focal plane temperature is approximately -110 C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature, because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front and back illuminated chips are affected. However a T_GAIN correction has been applied to the BI chips (ACIS-5 and ACIS-7) data included here.

The ACIS spectral response calibration is less accurate at these warmer temperatures than it is at -119.7 C. Users whose science objectives depend on the most accurate spectral response (ie: fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

seq_num	280408	Sequence number
obs_id	1458	Observation id
title	CALIBRATION OBSERVATION NGC 2516 FOR BORESIGHTING AND PLATE SCALE	
observer	Dr. CXC Calibration	Principal investigator
object	NGC 2516 - S2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	119.61159	Observer's specified target RA
dec_targ	-60.82355	Observer's specified target Dec
ra_nom	119.56928341899	Nominal RA
dec_nom	-60.916675934215	Nominal Dec
roll_nom	76.520504280684	Nominal Roll
revision	4	Processing version of data
ontime	9772.8000091016	Sum of GTIs [s]
livetime	9649.0509309127	Livetime [s]
ontime2	9772.8000091016	Sum of GTIs [s]
ontime3	9772.8000091016	Sum of GTIs [s]
ontime6	9772.8000091016	Sum of GTIs [s]
ontime7	9772.8000091016	Sum of GTIs [s]
ontime8	9772.8000091016	Sum of GTIs [s]
l2events	68942	Number of level 2 events

