

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 787 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff00787N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.657

Comments

Slot 7 was not utilized in this observation.

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Focal plane temperature is warmer than -118.7 C degrees during the entire observation. This temperature is the upper limit of the verified ACIS calibration for the front-illuminated chips. The focal plane temperature is also warmer than -116.7 degrees C for the entire observation. This temperature is the upper limit of the verified ACIS calibration for the back-illuminated chips. 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	600090	Sequence number
obs_id	787	Observation id
title	THE X-RAY SOURCE POPULATION OF M33	Proposal title
observer	Dr. Jonathan McDowell	Principal investigator
object	M33 X-8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	23.461667	Observer's specified target RA
dec_targ	30.660167	Observer's specified target Dec
ra_nom	23.363166702393	Nominal RA
dec_nom	30.539426090463	Nominal Dec
roll_nom	288.5621849958	Nominal Roll
revision	4	Processing version of data
ontime	9656.0	Sum of GTIs [s]
livetime	9275.3400445708	Livetime [s]
ontime2	9656.0	Sum of GTIs [s]
ontime3	9656.0	Sum of GTIs [s]
ontime5	9654.9589899257	Sum of GTIs [s]
ontime6	9654.9589899257	Sum of GTIs [s]
ontime7	9656.0	Sum of GTIs [s]
ontime8	9656.0	Sum of GTIs [s]
l2events	61576	Number of level 2 events

