

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 864 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See [axaff00864N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.75

## Comments

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.

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Window preference met.

seq_num	700169	Sequence number
obs_id	864	Observation id
title	X-RAY OBSERVATIONS OF THE MEGAMASER SEYFERT 2 GALAXY NGC 4945	Prop
observer	Dr GRZEGORZ MADEJSKI	Principal investigator
object	NGC 4945	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	196.364583	Observer's specified target RA
dec_targ	-49.4675	Observer's specified target Dec
ra_nom	196.37047111596	Nominal RA
dec_nom	-49.46450603717	Nominal Dec
roll_nom	60.801661655272	Nominal Roll
revision	3	Processing version of data
ontime	49748.916403994	Sum of GTIs [s]
livetime	49118.965669285	Livetime [s]
ontime2	49752.116324201	Sum of GTIs [s]
ontime3	49748.793283984	Sum of GTIs [s]
ontime6	49752.075284205	Sum of GTIs [s]
ontime7	49748.916403994	Sum of GTIs [s]
ontime8	49751.993204206	Sum of GTIs [s]
l2events	1136313	Number of level 2 events

