

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9590 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 1 2012

See axaff09590N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.9695999

Comments

Warning: Extended source, dia ~ 3 arc seconds; nominal extraction includes whole source and could be narrowed to reduce background. Background events dominate below 30A. Extraction is centered in supernova remnant, but is not positioned at the brightest region.

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Gain and CTI correction are not well calibrated on CCD_ID 5 (ACIS-S1). Default order sorting can clip some regions, particularly longward of 30A (first order). User-specified custom processing parameters may be required in tg_resolve_events (osipfile=none, osort_lo, osort_hi ~0.5) though this can allow more zeroth order background at short wavelengths.

seq_num	500750	Sequence number
obs_id	9590	Observation id
title	SPATIALLY RESOLVED LETG SPECTROMETRY OF SNR1987A	Proposal title
observer	Dr. Richard McCray	Principal investigator
object	SNR1987A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.866667	Observer's specified target RA [deg]
dec_targ	-69.26975	Observer's specified target Dec [deg]
ra_nom	83.876403723903	Nominal RA [deg]
dec_nom	-69.290407141919	Nominal Dec [deg]
roll_nom	95.165735305398	Nominal Roll [deg]
revision	2	Processing version of data
ontime	24969.599907041	Sum of GTIs [s]
livetime	24653.41979813	Livetime [s]
ontime4	24966.358956695	Sum of GTIs [s]
ontime5	24969.599907041	Sum of GTIs [s]
ontime6	24963.117936552	Sum of GTIs [s]
ontime7	24969.599907041	Sum of GTIs [s]
ontime8	24966.358996451	Sum of GTIs [s]
ontime9	24969.599907041	Sum of GTIs [s]
l2events	204281	Number of level 2 events

