

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9582 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 30 2012

See axaff09582N003_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	44.7391998

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	9582	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	83.87932408454	Nominal RA [deg]
dec_nom	-69.290212080939	Nominal Dec [deg]
roll_nom	98.068469278453	Nominal Roll [deg]
revision	3	Processing version of data
ontime	44739.199833393	Sum of GTIs [s]
livetime	44172.685146391	Livetime [s]
ontime4	44729.476932466	Sum of GTIs [s]
ontime5	44739.199833393	Sum of GTIs [s]
ontime6	44739.199833393	Sum of GTIs [s]
ontime7	44739.199833393	Sum of GTIs [s]
ontime8	44739.199833393	Sum of GTIs [s]
ontime9	44735.95886308	Sum of GTIs [s]
l2events	367008	Number of level 2 events

