

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 9581 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Apr 30 2012

See axaff09581N003\_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	45.5391998

## 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	9581	Observation id
title	SPATIALLY RESOLVED LETG SPECTROMETRY OF SNR1987A	Proposal title
observer	Dr. Richard McCray	Principal investigator
object	SNR1987A	Source name
dtcycle	0	&#160
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	83.879323638175	Nominal RA [deg]
dec_nom	-69.290210434999	Nominal Dec [deg]
roll_nom	98.06846588061	Nominal Roll [deg]
revision	3	Processing version of data
ontime	45538.37772131	Sum of GTIs [s]
liveltime	44961.743362683	Livetime [s]
ontime4	45531.936820745	Sum of GTIs [s]
ontime5	45538.336681306	Sum of GTIs [s]
ontime6	45538.295641303	Sum of GTIs [s]
ontime7	45538.37772131	Sum of GTIs [s]
ontime8	45538.2546013	Sum of GTIs [s]
ontime9	45528.490789711	Sum of GTIs [s]
l2events	371315	Number of level 2 events

