

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9580 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 30 2012

See axaff09580N002_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	35.0367998

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	9580	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	83.879300132618	Nominal RA [deg]
dec_nom	-69.290197407359	Nominal Dec [deg]
roll_nom	98.06844687748	Nominal Roll [deg]
revision	2	Processing version of data
ontime	35036.349317074	Sum of GTIs [s]
liveltime	34592.697965664	Livetime [s]
ontime4	35036.390357077	Sum of GTIs [s]
ontime5	35036.308277071	Sum of GTIs [s]
ontime6	35036.267237067	Sum of GTIs [s]
ontime7	35036.349317074	Sum of GTIs [s]
ontime8	35032.98522675	Sum of GTIs [s]
ontime9	35036.185157061	Sum of GTIs [s]
l2events	280787	Number of level 2 events

