

# V&V Summary Report

## L2 ASCDS Version : 10.7.1

Observation 21353 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jan 29 2019

See axaff21353N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.01.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1327886353731

## Comments

Joint proposal with NRAO.

A spatial region of the original bias map for CCD = 6 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 6 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords: (175.20259,11.58505), (175.20158,11.58136), (175.33919,11.54506), (175.34020,11.54875).

seq_num	503125	Sequence number
obs_id	21353	Observation id
title	Chandra Observations of H-alpha emitting Type I Supernovae	Proposa
observer	David Pooley	Principal investigator
object	SN 2000ew	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	175.24375	Observer's specified target RA [deg]
dec_targ	11.465528	Observer's specified target Dec [deg]
ra_nom	175.24074967802	Nominal RA [deg]
dec_nom	11.468551618211	Nominal Dec [deg]
roll_nom	74.882892439175	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5132.7886353731	Sum of GTIs [s]
livetime	5065.7249731479	Livetime [s]
ontime5	5132.7475954294	Sum of GTIs [s]
ontime6	5132.7065553665	Sum of GTIs [s]
ontime7	5132.7886353731	Sum of GTIs [s]
ontime8	5132.6655154228	Sum of GTIs [s]
l2events	58283	Number of level 2 events

