

# V&V Summary Report

## L2 ASCDS Version : 10.4.3

Observation 17740 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jan 5 2016

See [axaff17740N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.01.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.080900039196

## Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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: (182.86974, -70.26218), (182.87794, -70.26291), (182.94286, -70.17875), (182.93652, -70.17564).

seq_num	201049	Sequence number
obs_id	17740	Observation id
title	Multiplicity in Massive Stars: Tightening the Limits	Proposal titl
observer	Dr. Nancy Evans	Principal investigator
object	S Mus	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	183.195833	Observer's specified target RA [deg]
dec_targ	-70.151778	Observer's specified target Dec [deg]
ra_nom	183.19319581096	Nominal RA [deg]
dec_nom	-70.145335437559	Nominal Dec [deg]
roll_nom	75.63531419007	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5080.900039196	Sum of GTIs [s]
livetime	5014.5143396797	Livetime [s]
ontime0	5080.900039196	Sum of GTIs [s]
ontime1	5080.900039196	Sum of GTIs [s]
ontime2	5080.900039196	Sum of GTIs [s]
ontime3	5080.900039196	Sum of GTIs [s]
l2events	9900	Number of level 2 events

