

# V&V Summary Report

## L2 ASCDS Version : 10.4.1

Observation 17453 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jul 22 2015

See axaff17453N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.7732070416212

## 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: (283.27150, 0.67862), (283.26947, 0.68153), (283.24478, 0.66426), (283.25060, 0.66401).

seq_num	502480	Sequence number
obs_id	17453	Observation id
title	Studying the transient magnetar 3XMMJ185246.6+003317 close to SNR Kes 79	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	Kes 79	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	283.160417	Observer's specified target RA [deg]
dec_targ	0.610083	Observer's specified target Dec [deg]
ra_nom	283.15450881561	Nominal RA [deg]
dec_nom	0.60194952559758	Nominal Dec [deg]
roll_nom	214.958556772	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9773.2070416212	Sum of GTIs [s]
livetime	9645.5128966921	Livetime [s]
ontime0	9773.0839216709	Sum of GTIs [s]
ontime1	9773.1249616146	Sum of GTIs [s]
ontime2	9773.1660016775	Sum of GTIs [s]
ontime3	9773.2070416212	Sum of GTIs [s]
ontime6	9773.042881608	Sum of GTIs [s]
l2events	40241	Number of level 2 events

