

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 20882 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 19 2017

See [axaff20882N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.08320025456

## Comments

Joint proposal with NOAO.

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: (83.73522,-4.94121), (83.73556,-4.94474), (83.78009,-4.94031), (83.78138,-4.93662).

seq_num	201120	Sequence number
obs_id	20882	Observation id
title	Definitive X-Ray Detection of the Class 0 Protostar HOPS 383	Propo
observer	Dr Nicolas Grosso	Principal investigator
object	HOPS 383	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.874167	Observer's specified target RA [deg]
dec_targ	-4.997778	Observer's specified target Dec [deg]
ra_nom	83.883085273756	Nominal RA [deg]
dec_nom	-4.9921078183377	Nominal Dec [deg]
roll_nom	5.7094559524219	Nominal Roll [deg]
revision	2	Processing version of data
ontime	33083.20025456	Sum of GTIs [s]
livetime	32650.943887736	Livetime [s]
ontime0	33076.918184161	Sum of GTIs [s]
ontime1	33076.918104172	Sum of GTIs [s]
ontime2	33076.918164015	Sum of GTIs [s]
ontime3	33083.20025456	Sum of GTIs [s]
l2events	103995	Number of level 2 events

