

# V&V Summary Report

## L2 ASCDS Version : 10.5.1.1

Observation 19694 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Aug 26 2016

See axaff19694N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.08.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	74.687440683007

## Comments

Zeroth order piled up. The zeroth order sky position was determined using a software tool developed by CXC called findzero, which is available in CIAO as part of the tgdetect2 tool. The tool calculates the point of intersection of the readout streak on the ACIS CCD and the meg or leg dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case.

seq_num	703254	Sequence number
obs_id	19694	Observation id
title	A Long Look at NGC 3783 with Chandra/HETG and NuSTAR	Proposal titl
observer	Laura Brenneman	Principal investigator
object	NGC 3783	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	174.757083	Observer's specified target RA [deg]
dec_targ	-37.7385	Observer's specified target Dec [deg]
ra_nom	174.75818146902	Nominal RA [deg]
dec_nom	-37.740858995404	Nominal Dec [deg]
roll_nom	208.15729776138	Nominal Roll [deg]
revision	1	Processing version of data
ontime	74687.440683007	Sum of GTIs [s]
livetime	73481.173734974	Livetime [s]
ontime5	74687.399643064	Sum of GTIs [s]
ontime6	74687.358603001	Sum of GTIs [s]
ontime7	74687.440683007	Sum of GTIs [s]
ontime8	74687.317563057	Sum of GTIs [s]
ontime9	74687.276522994	Sum of GTIs [s]
l2events	654471	Number of level 2 events

