

# V&V Summary Report

## L2 ASCDS Version : 10.5

Observation 18192 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Aug 23 2016

See [axaff18192N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.08.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	80.60897831881

## 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	18192	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	174.75817882451	Nominal RA [deg]
dec_nom	-37.740866987091	Nominal Dec [deg]
roll_nom	208.15729760891	Nominal Roll [deg]
revision	1	Processing version of data
ontime	80608.97831881	Sum of GTIs [s]
livetime	79307.073401845	Livetime [s]
ontime5	80608.937278867	Sum of GTIs [s]
ontime6	80606.355268478	Sum of GTIs [s]
ontime7	80608.97831881	Sum of GTIs [s]
ontime8	80608.85519886	Sum of GTIs [s]
ontime9	80608.814158797	Sum of GTIs [s]
l2events	723275	Number of level 2 events

