

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 20859 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Nov 12 2017

See axaff20859N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.11.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.09

## Comments

Note: ONTIMES are less than the observation duration due to telemetry saturation by a very bright source. Used the observation duration for the charge time.

Charge time:

Variation in Chips > 15% threshold.

Low Chip 7, ONTIME=4576.787430 seconds

High Chip 5, ONTIME=14535.887764 seconds

Chip 9, ONTIME=15112.207167 seconds is less than 80% of scheduled time=25000.000000 seconds

Chip 8, ONTIME=12236.144124 seconds is less than 80% of scheduled time=25000.000000 seconds

Chip 7, ONTIME=4576.787430 seconds is less than 80% of scheduled time=25000.000000 seconds

Chip 6, ONTIME=5996.488157 seconds is less than 80% of scheduled time=25000.000000 seconds

Chip 5, ONTIME=14535.887764 seconds is less than 80% of scheduled time=25000.000000 seconds

ONTIME of 4576.7874301672 seconds is less than 85% of expected scheduled

seq_num	402011	Sequence number
obs_id	20859	Observation id
title	Searching for outflows from a nearby super-Eddington accreting neutron star	Proposal title
observer	Nathalie Degenaar	Principal investigator
object	Swift J0243.6+6124	Source name
ra_targ	40.917917	Observer's specified target RA [deg]
dec_targ	61.434111	Observer's specified target Dec [deg]
ra_nom	40.913287767988	Nominal RA [deg]
dec_nom	61.429937618739	Nominal Dec [deg]
roll_nom	187.82892103154	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4576.7874301672	Sum of GTIs [s]
livetime	4558.9093542681	Livetime [s]
ontime5	14535.887763977	Sum of GTIs [s]
ontime6	5996.4881571531	Sum of GTIs [s]
ontime7	4576.7874301672	Sum of GTIs [s]
ontime8	12236.144124031	Sum of GTIs [s]
ontime9	15112.20716691	Sum of GTIs [s]
l2events	2462121	Number of level 2 events

