

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20204 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 4 2017

See axaff20204N002_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.07

Comments

Variance in ontime is due to saturation by high count rates. The Charge Time was set to the longest, ontime5, which is near the approved exposure time of 30 ks.

Automatic zeroth order centroiding failed due to heavily saturated zeroth order. The zeroth order peak was manually determined.

Charge time:

Variation in Chips > 15% threshold.

Low Chip 7, ONTIME=7943.320708 seconds

High Chip 5, ONTIME=30070.250000 seconds

Chip 9, ONTIME=23270.501785 seconds is less than 80% of scheduled time=30000.000000 seconds

Chip 8, ONTIME=19526.380776 seconds is less than 80% of scheduled time=30000.000000 seconds

Chip 7, ONTIME=7943.320708 seconds is less than 80% of scheduled time=30000.000000 seconds

Chip 6, ONTIME=9751.277743 seconds is less than 80% of scheduled

time=30000.000000 seconds

Chip 4, ONTIME=22965.640851 seconds is less than 80% of scheduled

time=30000.000000 seconds

ONTIME of 7943.3207076788 seconds is less than 85% of expected scheduled

time of 30000 seconds

seq_num	401931	Sequence number
obs_id	20204	Observation id
title	An Integrated Approach to Winds, Jets, and State Transitions	Propo
observer	Joseph Neilsen	Principal investigator
object	MAXI J1535-571	Source name
ra_targ	233.832142	Observer's specified target RA [deg]
dec_targ	-57.229884	Observer's specified target Dec [deg]
ra_nom	233.83492172947	Nominal RA [deg]
dec_nom	-57.234935521313	Nominal Dec [deg]
roll_nom	235.86337237924	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7943.3207076788	Sum of GTIs [s]
livetime	7912.2921111644	Livetime [s]
ontime4	22965.640850902	Sum of GTIs [s]
ontime5	30070.25	Sum of GTIs [s]
ontime6	9751.2777431011	Sum of GTIs [s]
ontime7	7943.3207076788	Sum of GTIs [s]
ontime8	19526.380775928	Sum of GTIs [s]
ontime9	23270.501784563	Sum of GTIs [s]
l2events	4151783	Number of level 2 events

